FOR SURVEY CONTROL DATA
SEE SURVEY DATA SHEETS

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

STATE HIGHWAY

FEDERAL AID PROJECT NO. ~~NHPPI-0035-3(125)121~~

GRADING, DRAINAGE, SURFACING & EROSION CONTROL PLANS

INTERSTATE HIGHWAY NO. I-240 & I-35

OKLAHOMA COUNTY

CONTROL SECTION NO. 35-55-15

STATE JOB NO. 09032(07)

PHASE 3

BRIDGE LENGTHS

BRIDGE A — STA. 77+47.51 — 230'-3 5/8" — STA. 79+77.81

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
0001.	TITLE SHEET
0002.	INDEX OF SHEETS

DESIGN DATA

EXPRESSWAY	= 55 MPH
SERVICE ROADS	= 40 MPH
CROSS STREETS	= 40 MPH
RAMPS (DIRECT)	= 50 MPH
RAMPS (LOOPS)	= 25 MPH
RAMPS (SEMI-DIRECT)	= 45 MPH

DIV. IV

LOCATION MAP

DESIGN EXCEPTION INCLUDE:
SHOULDER WIDTH
STOPPING SIGHT DISTANCE
(HORIZ.)

1000' 0 1000' 2000'

SCALE

PLAN 1"= 50'
PROFILE HOR. 1"= 50'
VER. SEE SHEETS
LAYOUT MAP 1"= 1000'

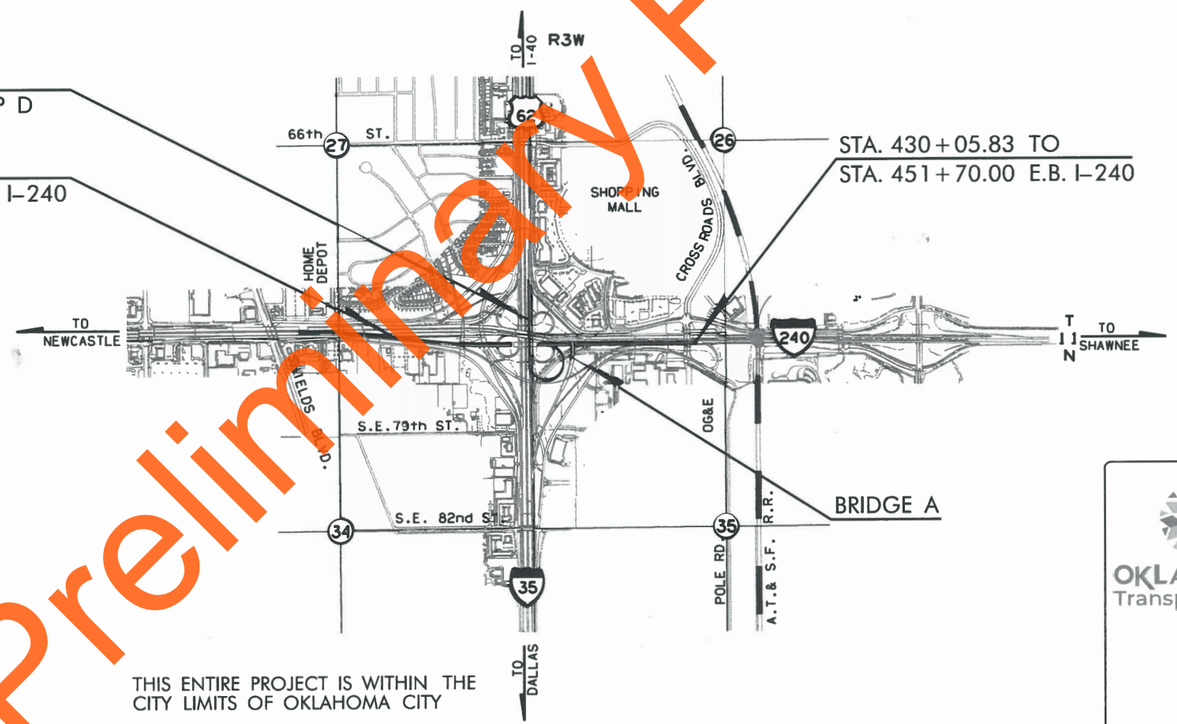
CONVENTIONAL SIGNS

- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP LINES
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- OIL WELLS
- BUILDINGS
- DRAINAGE STRUCTURES-IN-PLACE
- DRAINAGE STRUCTURES-NEW
- RIGHT-OF-WAY LINES-EXISTING
- RIGHT-OF-WAY LINES-NEW
- RIGHT-OF-WAY MARKERS-IN PLACE
- RIGHT-OF-WAY MARKERS-REMOVE & RESET
- RIGHT-OF-WAY MARKERS-NEW
- CONTROLLED ACCESS
- SS — EXISTING SANITARY SEWERS
- G — EXISTING GAS LINES
- W — EXISTING WATER LINES
- TUG — EXISTING TELEPHONE CABLES UNDERGROUND

STA. 65+07.43 TO
STA. 87+31.15 RAMP D

STA. 395+24.67 TO
STA. 426+37.33 E.B. I-240

STA. 430+05.83 TO
STA. 451+70.00 E.B. I-240



THIS ENTIRE PROJECT IS WITHIN THE CITY LIMITS OF OKLAHOMA CITY

ROADWAY LENGTH	7,496.69 FT.	1.419 MILES
BRIDGE LENGTH	230.30 FT.	0.043 MILES
PROJECT LENGTH	7,726.99 FT.	1.462 MILES

EQUATION: SEE GEOMETRIC SHEETS

EXCEPTIONS: BRIDGE D CRL I-240 STA. 426+37.33 TO STA. 430+05.83

2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, DECEMBER 18, 2019.

Preliminary Plans

PREPARED AND SUBMITTED BY:

POE & ASSOCIATES INC.
Oklahoma City, Oklahoma
CA NO. 541

THOMAS S. EVANS, P.E.
OKLA. REG. NO. 25204
DATE 6-29-2023

REGISTERED PROFESSIONAL ENGINEER — THOMAS S. EVANS — 25204 — OKLAHOMA

MICHAEL S. LETTNER, P.E., S.E.
OKLA. REG. NO. 24224
DATE 6-29-2023

PROFESSIONAL STRUCTURAL ENGINEER — MICHAEL S. LETTNER — 24224 — OKLAHOMA

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR

SWO 2923(1) FEDERAL AID PROJECT NO. ~~NHPPI-0625-2(126)121~~ SHEET NO. 0001

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

INDEX OF SHEETS

0001 TITLE SHEET
0002 INDEX OF SHEETS
0003-0011 TYPICAL SECTIONS
AB01-AB02 SUMMARY OF PAY QUANTITIES & NOTES (BRIDGE)
AE01 ENVIROMENTAL NOTES
AR01-AR02 SUMMARY OF PAY QUANTITIES & NOTES (ROADWAY)
AR03-AR07 SUMMARIES (ROADWAY)
AT01 SUMMARY OF PAY QUANTITIES (TRAFFIC OPERATIONS)
AT02 SIGNING & STRIPING PAY QUANTITIES & NOTES

BRIDGE "A"

B001 BRIDGE "A" SEQUENCE MAP AND SHEET INDEX
B002 GENERAL PLAN & ELEVATION
B003 DESIGN DATA AND SUMMARY OF QUANTITIES
B004-B005 FOUNDATION REPORT
B006 SUBSTRUCTURE LAYOUT AND EXCAVATION DIAGRAMS
B007-B012 PIER DETAILS
B013-B015 SUPERSTURCTURE DETAILS
B016 LONGITUDINAL SECTION AND SLAB POURING SEQUENCE
B017-B018 PARAPET LAYOUT
B019 GIRDER BRACING DETAILS
B020-B023 PLATE GIRDER DETAILS
B024 FRAMING PLAN AND DIAPHRAGM DETAILS
B025 BEARING ASSEMBLY DETAILS

ROADWAY

R001 STORM WATER MANAGEMENT PLAN
R002 DRAINAGE STRUCTURE DESIGN RECORD
R003-R008 DRAINAGE AREA MAP
R009 OVERVIEW MAP
R010 GENERAL SEQUENCE OF CONSTRUCTION
R011-R012 ULTIMATE FACILITY TRAFFIC DATA
R013-R014 GEOMETRIC LAYOUT SHEETS
R015-R026 GEOMETRIC COORDINATE POINT TABLES
R027-R034 PLAN AND PROFILE SHEETS
R035-R041 EROSION CONTROL SHEETS
R042-R043 JOINT LAYOUT SHEETS
R044-R047 REMOVALS PHASE 3 CONSTRUCTION
R048 SPOT ELEVATIONS
R049 F-SHAPE PARAPET AND MOMENT SLAB DETAIL
R050 TEMPORARY INLET SEDIMENT FILTER
R051 DETAIL OF CURB INLET W/ JUNCTION BOX
R052-R053 MEDIAN BARRIER AND DRILLED SHAFT DETAILS I-240 MONOTUBE STRUCTURE

SURVEY DATA

S001-S046 SURVEY DATA SHEETS

TRAFFIC CONTROL

T001-T008 TRAFFIC CONTROL PHASE 1
T008-T015 TRAFFIC CONTROL PHASE 2

TRAFFIC SIGN & STRIPING

T016 SIGN SUMMARY
T017-T019 SPECIAL SIGN DETAILS
T020 SIGN STRUCTURE DETAILS
T021-T026 SIGNING AND STRIPING PLAN
T027-T0?? MONOTUBE STRUCTURE

CROSS SECTIONS

X001-X075 CROSS SECTIONS - C.R.I. I-240 R.B.
X076-X112 CROSS SECTIONS - RAMP D
X112-X115 CROSS SECTIONS - CHANNEL D

Preliminary Plans

THE FOLLOWING ODOT STANDARDS WILL BE REQUIRED:

ROADWAY: (2019)

BMPR-0	PCI-1-1
TESCA-0	CI-2-2
IPD-0	SSIF-5-1
RSF-0	CIG-4-1
TSD-0	MFC-5-1
TRFD-0	MJB-4-2
SCE-0	PRM-1-2
SD-0	PSM-1-2
SSS-2-1	PMD-1-1
ASCD-6-1	SPI-5-2
CSCD-6-2	PBB-1-2
LECS-5-2	FHTCP-4-1
LTU-5-1	SBI-5-2
CRCP1-4-1	PUD-4-1
CRCP2-4-1	CLB-2-2
PED-4-1	DC-4-1
PSE-2-1	PDT-2-2
CET4S-4-2	SUEL1-4-1
PCES-5-1	SUEL3-4-1
SSCD-4-1	SUEL4-4-1

TRAFFIC OPERATIONS: (2009)

TCS1-1-01
TCS2-1-00
TCS3-1-01
TCS4-1-01
TCS5-1-00
TCS6-1-02
TCS7-1-02
TCS8-1-00
TCS9-1-01
TCS10-1-00
TCS11-1-01
TCS13-1-00
TCS14-1-00
TCS16-1-00
TCS17-1-00
TCS18-1-01
TCS19-1-01
TCS20-1-00
TCS21-1-02
TCS24-1-02
TCS25-1-00

SIGNING & STRIPING: (2009)

PM4-1-02
PM6-1-00
PM7-1-00
WSD1-1-00
WSD2-1-00
MSD1-1-00
MSD2-1-00
MSD3-1-01
MSD5-1-00
SIS3-1-01
SIS4-1-00
SBS2-1-00
SBS4-1-00
GMS1-1-00
GMS2-1-00
SSP1-1-02
SSA1-1-00
SSA2-1-00
FGS1-1-00
FGS2-1-01
SPA1-1-00
IA1-1-00
MIA1-1-00
APC1-1-00

BRIDGE: (2009)

FSHP-42-2-00E
EJ-SQ-04E
EJ-DTL-02E
RCB-C1-10(2-14)-01E

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

INDEX OF SHEETS

STATE JOB NO. 09032(07) SHEET NO. 0002

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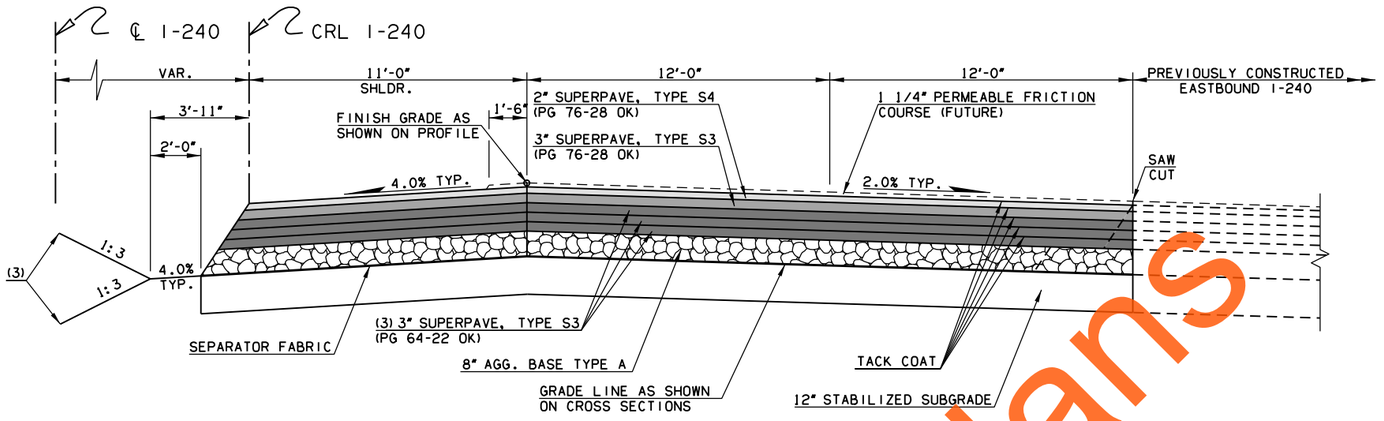
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

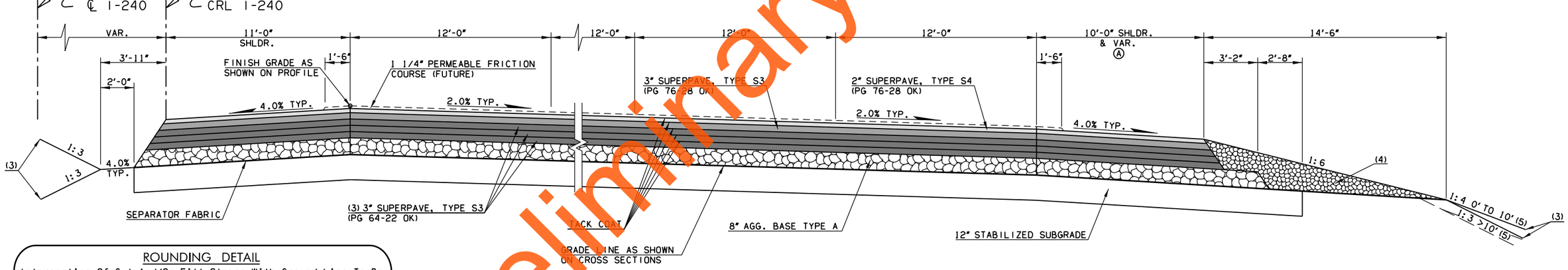
DESCRIPTION	DATE



① TYPICAL SECTION EASTBOUND I-240

▲ STA. 397+24.67 TO STA. 420+00.00

▲ STATION EQUATION
STA. 400+00.00 ~ ℄ I-240 BK=
STA. 399+96.14 ~ CRL I-240 AHD

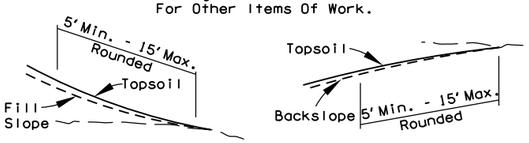


② TYPICAL SECTION EASTBOUND I-240

STA. 420+00.00 TO STA. 424+01.33
STA. 430+05.83 TO STA. 431+11.04

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING — TOP OF CUT ROUNDING

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	10'-0" TO 12'-0"	423+21.33 TO 423+71.33
A	12'-0"	423+71.33 TO 424+01.33

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

(1) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

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(4) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN T.B.S.C. TYPE E.

(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

TYPICAL SECTIONS (EASTBOUND I-240)

STATE JOB NO. 09032(07) SHEET NO. 0003

Preliminary Plans

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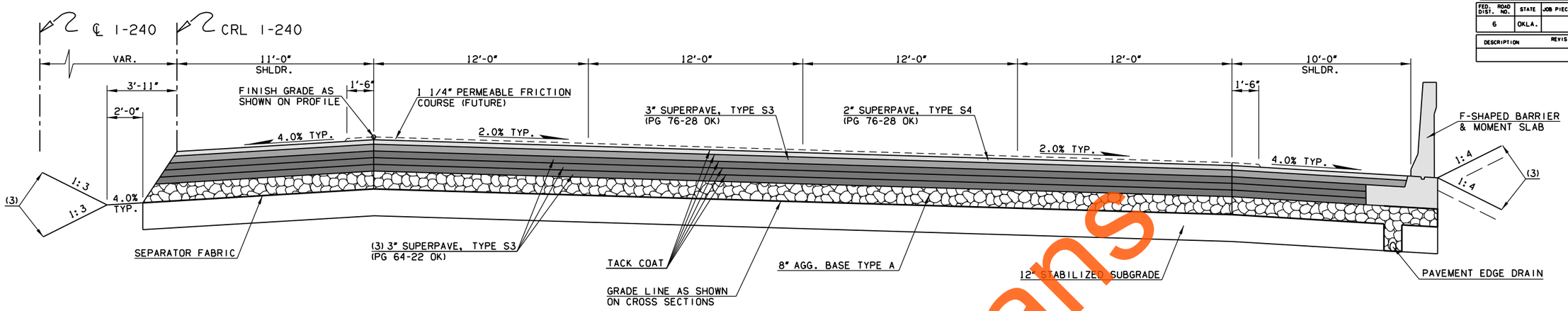
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

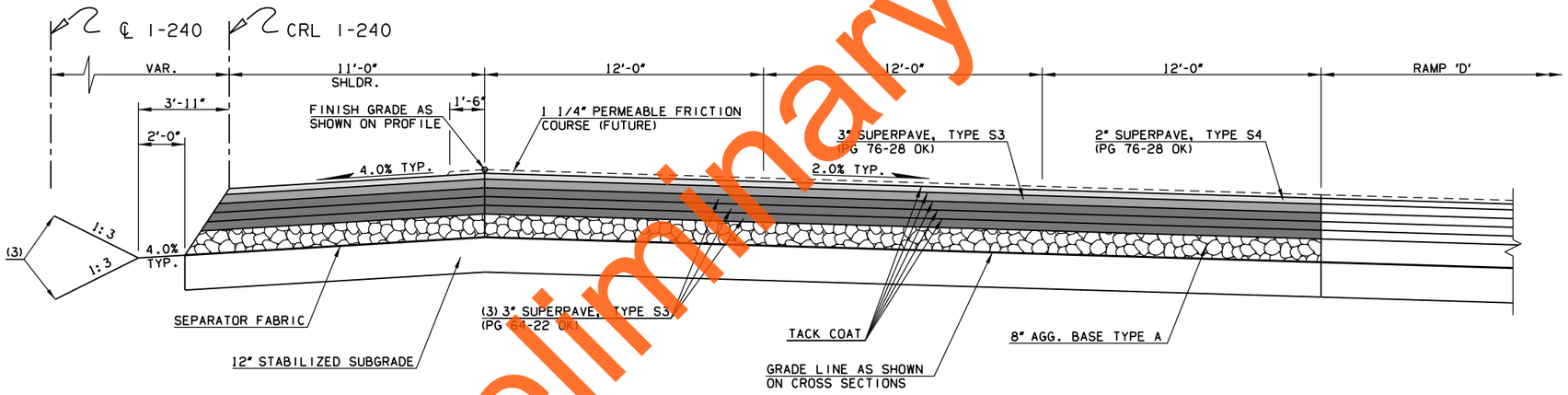
REVISIONS

DESCRIPTION	DATE



③ TYPICAL SECTION EASTBOUND I-240

STA. 424+01.33 TO STA. 426+37.33



④ TYPICAL SECTION EASTBOUND I-240

STA. 431+11.04 TO STA. 431+69.67

Preliminary Plans

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS (EASTBOUND I-240)

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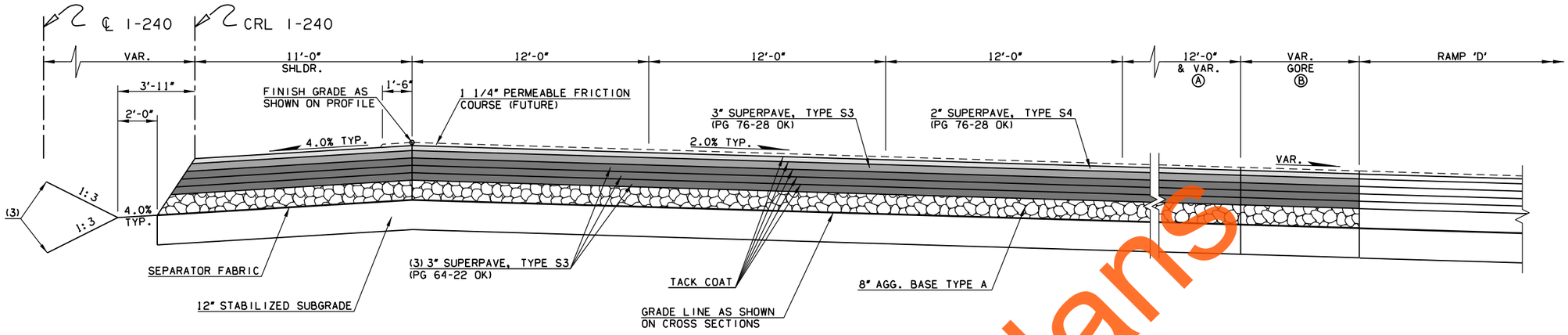
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

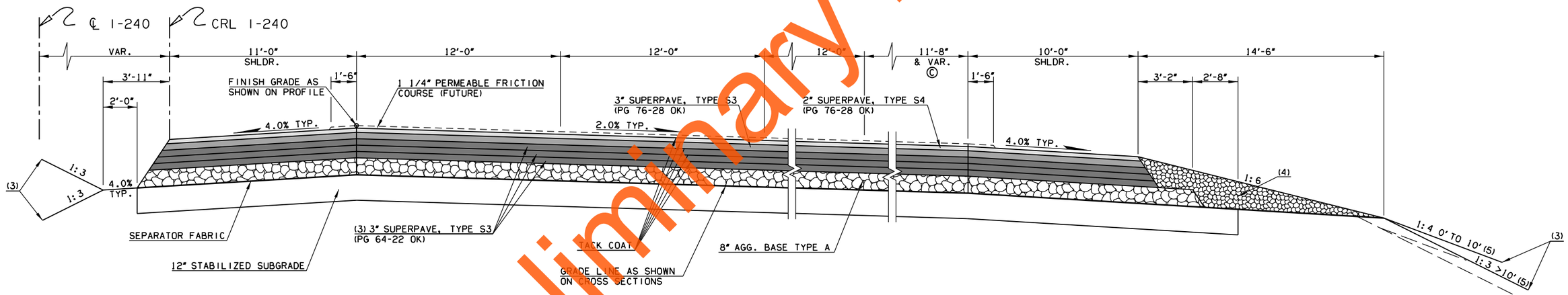
REVISIONS

DESCRIPTION	DATE



(5) TYPICAL SECTION EASTBOUND I-240

STA. 431+69.67 TO STA. 432+49.50



(6) TYPICAL SECTION EASTBOUND I-240

STA. 432+49.50 TO STA. 441+42.98

Preliminary Plans

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	0'-0"	431+69.67 TO 432+27.66
A	12'-0" TO 11'-8"	432+27.66 TO 432+49.50
B	0'-0" TO 21'-8"	431+69.67 TO 432+27.66
B	9'-8" TO 23'-8"	432+27.66 TO 432+49.50
C	11'-8" TO 0'-0"	432+49.50 TO 440+67.66

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS (EASTBOUND I-240)

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

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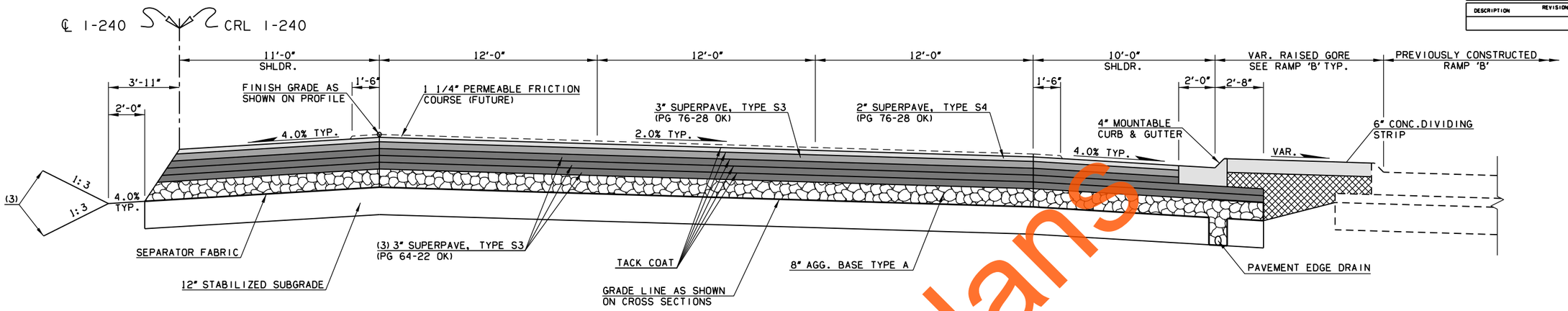
6	OKLA.				

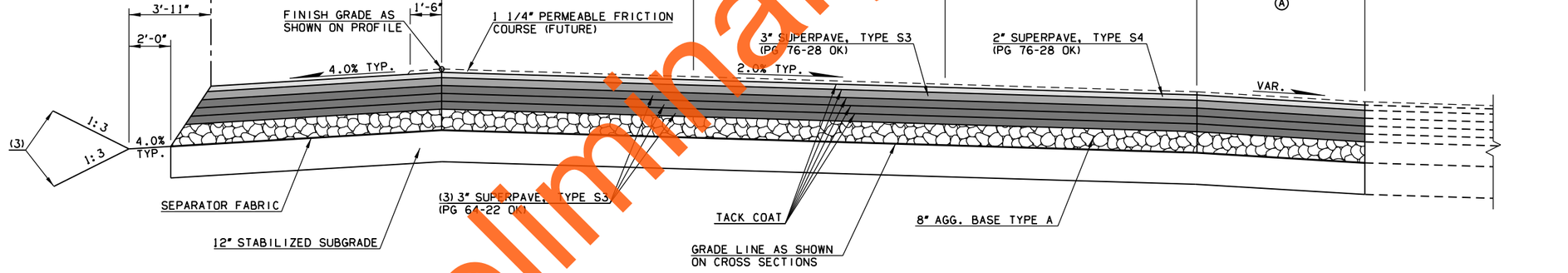
REVISIONS

DESCRIPTION	DATE



(7) TYPICAL SECTION EASTBOUND I-240

STA. 441+42.98 TO STA. 441+90.95



(8) TYPICAL SECTION EASTBOUND I-240

STA. 441+90.95 TO STA. 444+07.38

Preliminary Plans

(1) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	24'-9" TO 0'-0"	441+90.95 TO 444+07.38

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS (EASTBOUND I-240)

STATE JOB NO. 09032(07) SHEET NO. 0006

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

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REVISIONS

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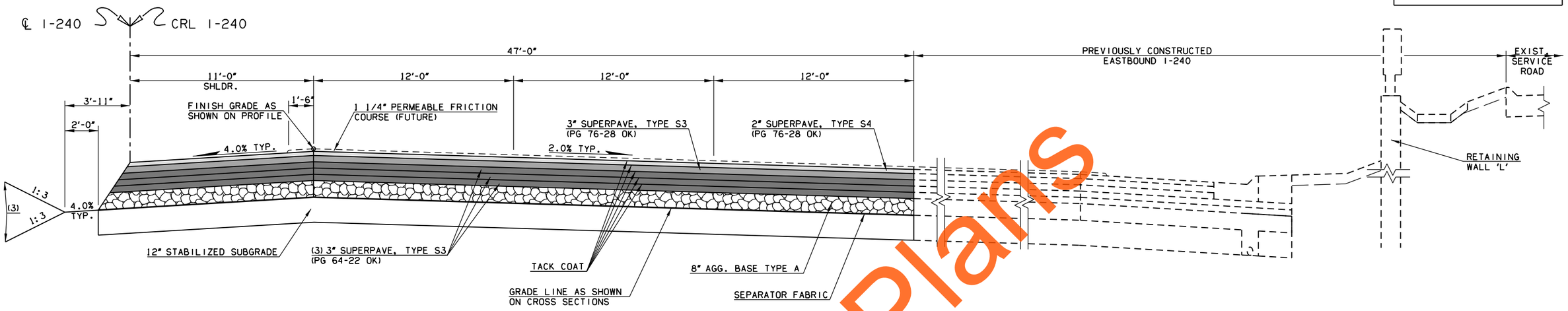
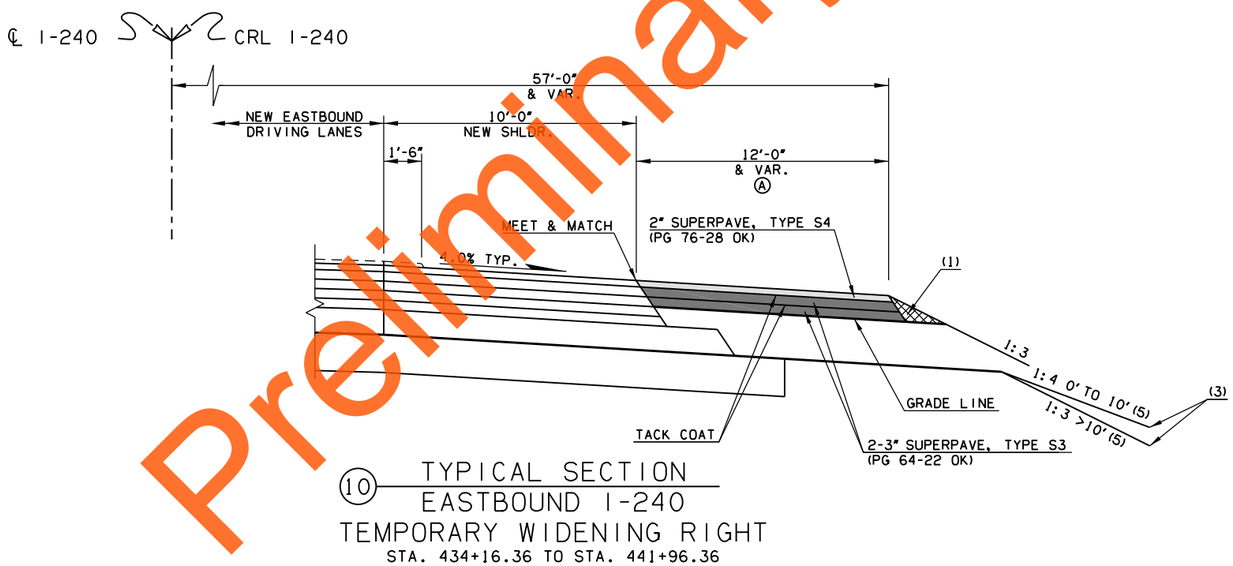


⑨ TYPICAL SECTION
EASTBOUND I-240
STA. 444+07.38 TO STA. 451+70.00



⑩ TYPICAL SECTION
EASTBOUND I-240
TEMPORARY WIDENING RIGHT
STA. 434+16.36 TO STA. 441+96.36

Preliminary Plans

(1) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

(3) INTERSECTION OF CUT AND/OR FILL SLOPES WITH GROUND LINE TO BE ROUNDED AS PART OF FINISHING OPERATIONS. ROUNDING SHALL BE 5' MIN. FOR SMALLER CUTS AND FILLS, TO 15' MAX. FOR LARGER CUTS AND FILLS, OR AS DESIGNATED BY THE ENGINEER. COST OF ROUNDING TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK. SEE ROUNDING DETAIL ON THIS TYPICAL SHEETS.

(4) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN T.B.S.C. TYPE E.

(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	4'-0" TO 12'-0"	434+16.36 TO 441+96.36

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS
(EASTBOUND I-240)

STATE JOB NO. 09032(07) SHEET NO. 0007

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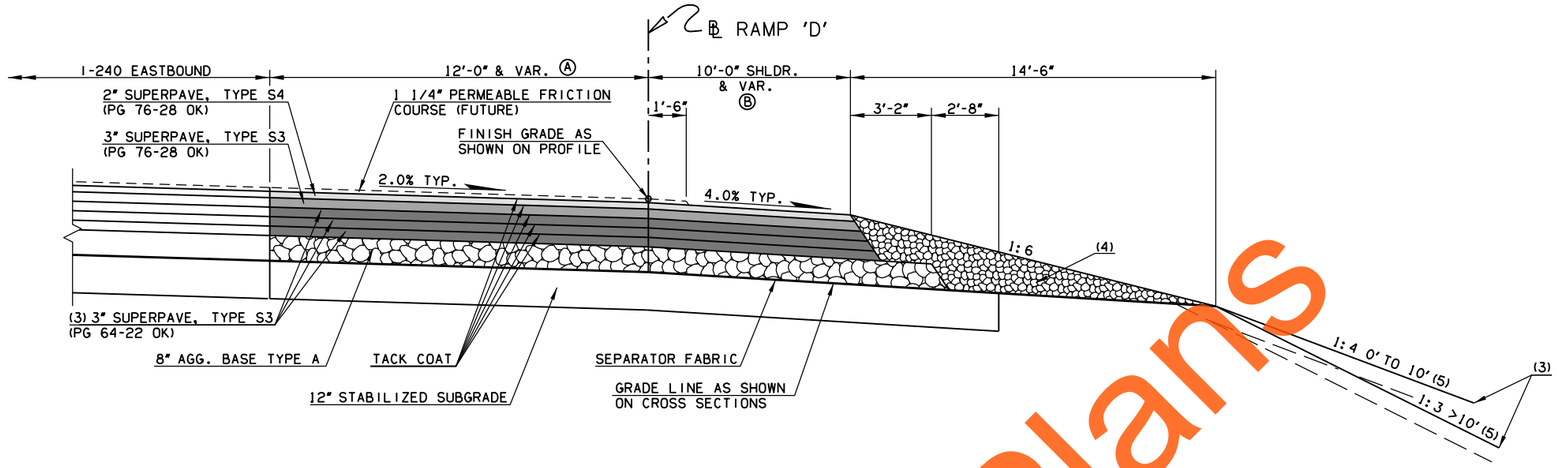
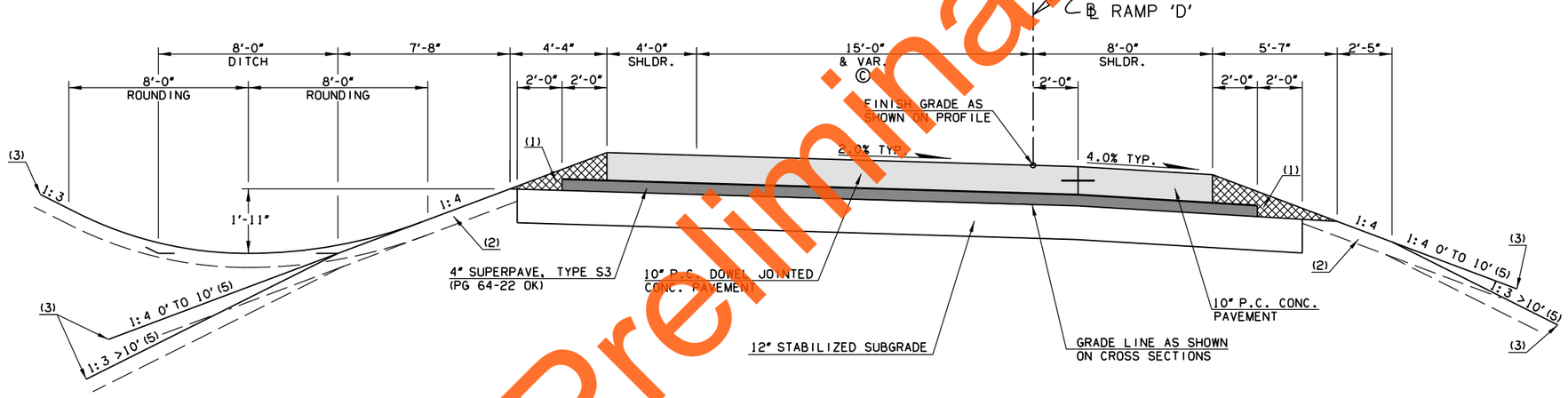
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



(11) TYPICAL SECTION
RAMP 'D'
STA. 65+07.43 TO STA. 66+41.50



(12) TYPICAL SECTION
RAMP 'D'
STA. 66+41.50 TO STA. 69+00.00

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	12'-0" TO 19'-0"	65+07.43 TO 65+62.10
A	19'-0"	65+62.10 TO 66+19.54
A	19'-0" TO 17'-6"	66+19.54 TO 66+41.50
B	10'-0" TO 8'-0"	65+07.43 TO 65+38.33
C	17'-6" TO 15'-0"	66+41.50 TO 66+79.54

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

TYPICAL SECTIONS (RAMP 'D')

STATE JOB NO. 09032(07) SHEET NO. 0008

Preliminary Plans

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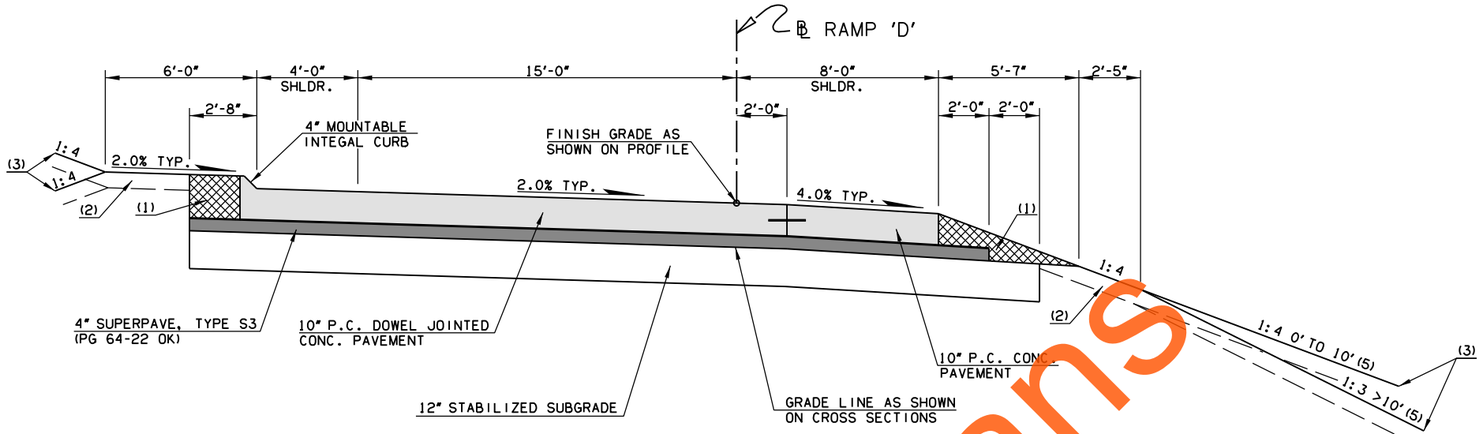
POE & ASSOCIATES, OKLAHOMA CITY, OK.

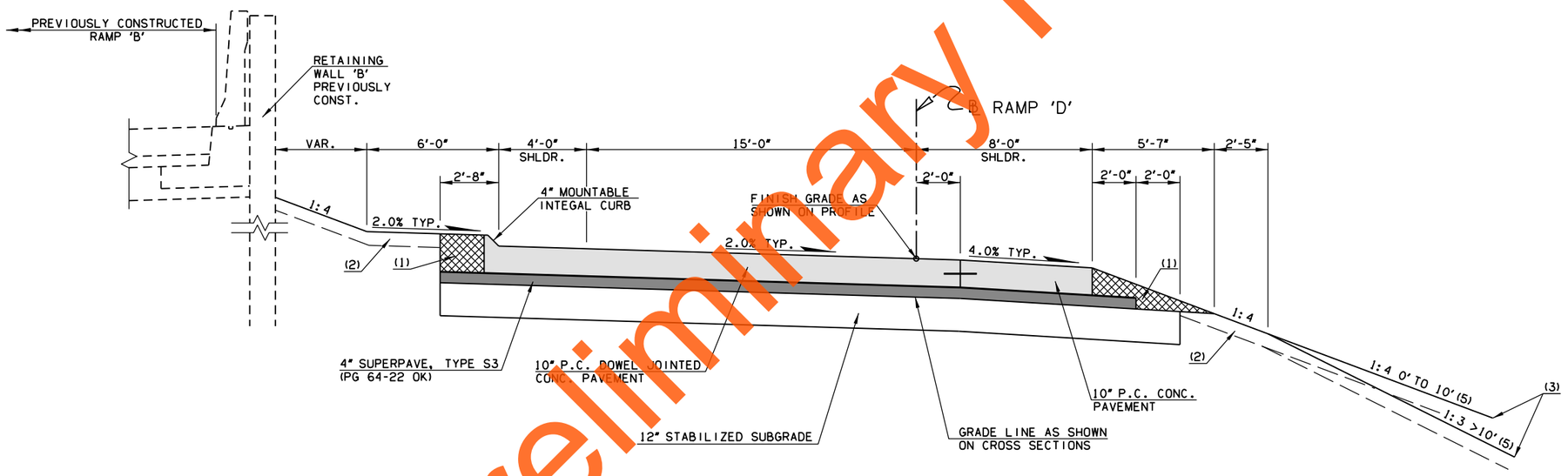
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



(13) TYPICAL SECTION
RAMP 'D'
STA. 69+00.00 TO STA. 71+25.00
STA. 73+77.63 TO STA. 74+82.81



(14) TYPICAL SECTION
RAMP 'D'
STA. 71+25.00 TO STA. 73+77.63

Preliminary Plans

(1) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS
(RAMP 'D')

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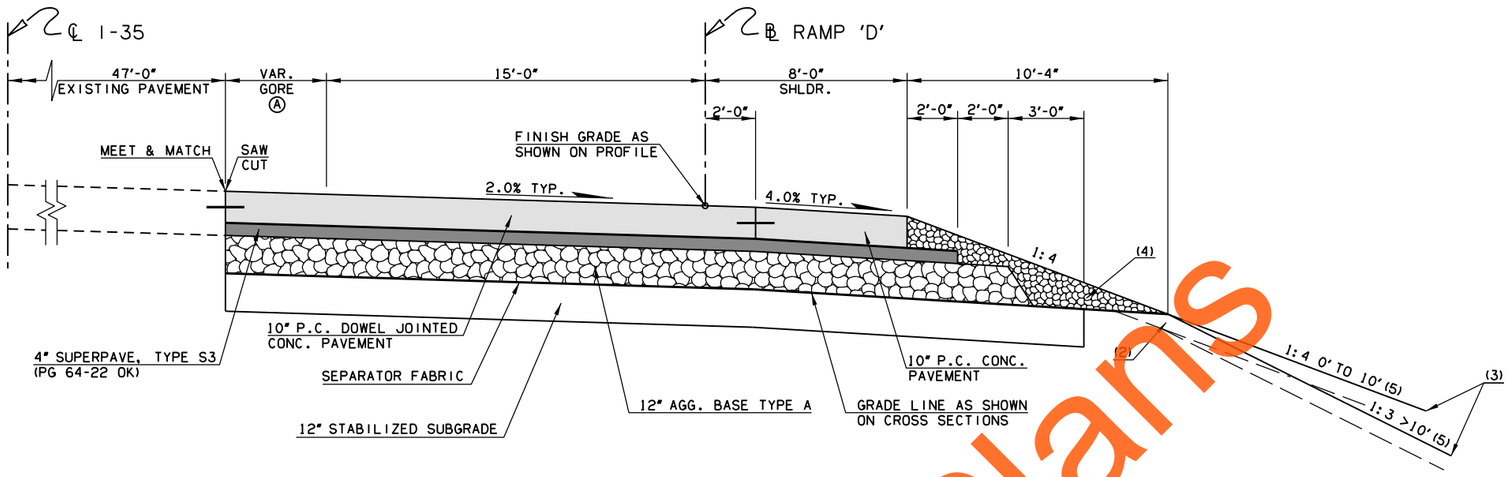
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



(15) TYPICAL SECTION
RAMP 'D'
STA. 74+82.81 TO STA. 75+54.88

(16) TYPICAL SECTION
RAMP 'D'
STA. 75+54.88 TO STA. 76+50.00

Preliminary Plans

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	4'-0" TO 21'-11"	74+82.81 TO 74+90.76
A	21'-11" TO 0'-0"	74+90.76 TO 75+54.88
B	15'-0" TO 12'-0"	75+54.88 TO 75+90.91
B	12'-0"	75+90.91 TO 76+50.00
C	8'-0" TO 10'-0"	75+60.01 TO 75+90.91
C	10'-0"	75+90.91 TO 76+50.00

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS
(RAMP 'D')

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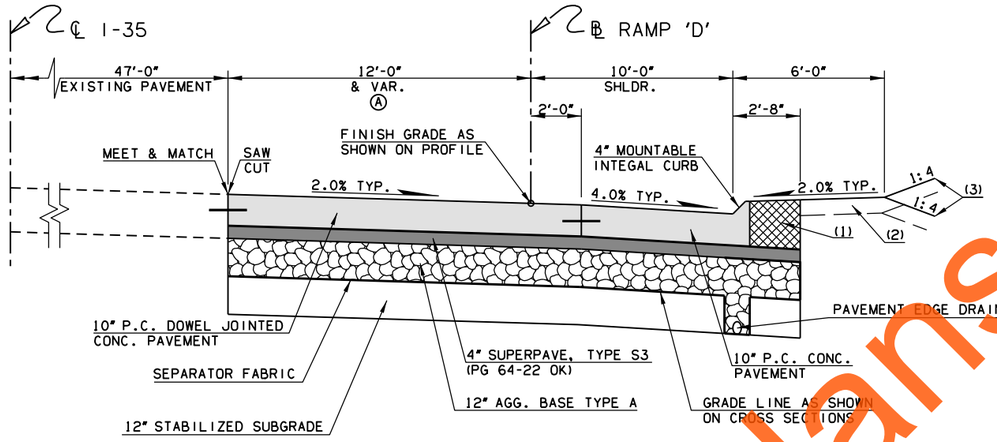
POE & ASSOCIATES, OKLAHOMA CITY, OK.

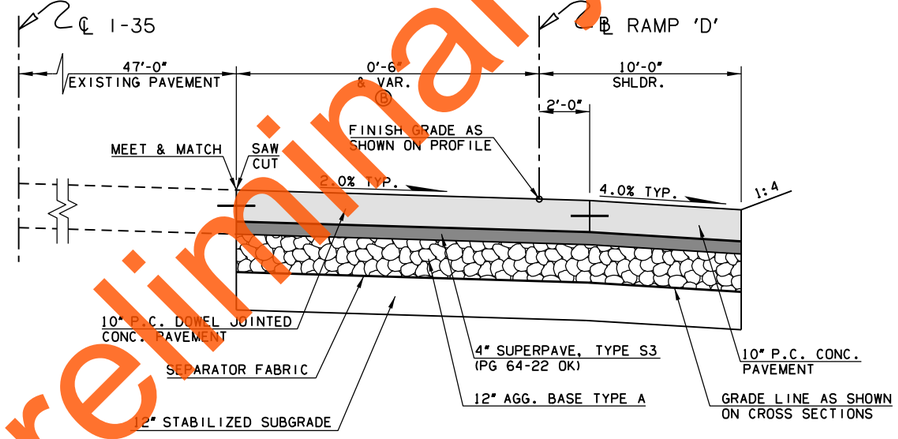
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

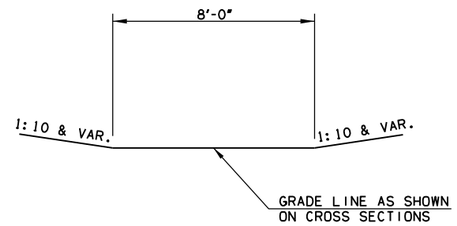
DESCRIPTION	DATE



(17) TYPICAL SECTION
RAMP 'D'
STA. 76+50.00 TO STA. 87+19.36



(18) TYPICAL SECTION
RAMP 'D'
STA. 87+19.36 TO STA. 87+31.15



(19) TYPICAL SECTION
CHANNEL
STA. 20+98.83 TO STA. 24+61.73

Preliminary Plans

(1) TO BE BACKFILLED AND COMPACTED AS PART OF FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

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(5) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED SHOULDER.

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	12'-0" TO 0'-6"	84+30.91 TO 87+19.36
B	0'-6" TO 0'-0"	87+19.36 TO 87+31.15

NOTE: VAR. NOT SHOWN SEE PLANS/DETAILS FOR MORE INFORMATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TYPICAL SECTIONS (RAMP 'D')

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REVISIONS		
DESCRIPTION		DATE

(BR-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - "PLAN QUANTITIES", SECTION 109.01.B.

(BR-2) THE ESTIMATED TOTAL OF STRUCTURAL STEEL FOR EACH STAINLESS STEEL BEARING ASSEMBLY IS PROVED IN THE FOLLOWING TABLE BY LOCATION, SPAN AND TYPE.

LOCATION:	PIER 4	PIER 5		PIER 6
SPAN:	5	5	6	6
TYPE:	FIX	EXP	EXP	FIX
WEIGHT:	250 LBS	250 LBS	213 LBS	213 LBS

(BR-3) PRICE BID FOR THESE ITEMS SHALL INCLUDE THE COST OF INSTALLING FORMLINERS AND STAINING SURFACES AS STATED IN THE SPECIAL PROVISION "CONC. MISC.: AESTHETIC TREATMENTS".

J/P NO. 09032(07)
0200 BRIDGE "A"

PAY QUANTITIES

RAMP "A" AT I-35 & I-240 INTERCHANGE
STEEL GIRDER SPANS; CURVED
VARIABLE CLEAR ROADWAY WITH 42" F-SHAPED PARAPET

OKLAHOMA COUNTY

ITEM NO.		ITEM		UNIT	TOTAL
501(B)	1300	SUBSTRUCTURE EXCAVATION COMMON	(BR-1)	C.Y.	55
501(C)	1400	SUBSTRUCTURE EXCAVATION ROCK	(BR-1)	C.Y.	95
504(B)	5300	SAW-CUT GROOVING	(BR-1)	S.Y.	1065
504(E)	5520	42" F-SHAPED PARAPET	(BR-1)(BR-3)	L.F.	462.8
506(A)	7225	STRUCTURAL STEEL M270 GRADE 50W	(BR-1)	LB.	500,180
507(A)	8200	STAINLESS STEEL FIXED BEARING ASSEMBLY	(BR-2)	EA.	11
507(B)	8300	STAINLESS STEEL EXP. BEARING ASSEMBLY	(BR-2)	EA.	11
509(A)	0210	CLASS AA CONCRETE	(BR-1)(BR-3)	C.Y.	301.6
509(B)	0320	CLASS A CONCRETE	(BR-1)(BR-3)	C.Y.	236.2
510(D)	1500	GRAFFITI TREATMENT		S.F.	7440
511(A)	2210	REINFORCING STEEL	(BR-1)	LB.	1240
511(B)	2310	EPOXY COATED REINFORCING STEEL	(BR-1)	LB.	121,360
515(A)	7200	WATER REPELLENT (VISUALLY INSPECTED)	(BR-1)	S.Y.	753
516(A)	8250	DRILLED SHAFTS 72" DIAMETER		L.F.	87
516(C)	8400	CROSSHOLE SONIC LOGGING		EA.	2
517	9110	ELASTOMERIC COATING	(BR-1)	S.F.	659
518(B)	0300	SEALED EXPANSION JOINTS	(BR-1)	L.F.	42.1

Preliminary Plans

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DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

SUMMARY OF PAY QUANTITIES (BRIDGE)

STATE JOB NO. 09032(07) SHEET NO. AB01

GENERAL BRIDGE NOTES

REVISIONS		
DESCRIPTION		DATE

SPECIFICATIONS:
COMPLY WITH THE REQUIREMENTS OF THE 2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

VERIFICATION OF EXISTING CONDITIONS:
THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS NECESSARY TO COMPLETE THE WORK AS SHOWN AND SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY THEREOF.
BIDDERS SHALL FULLY INFORM THEMSELVES OF THE NATURE OF THE WORK AND CONDITION UNDER WHICH IT WILL BE PERFORMED. THE CONTRACTOR SHALL ADOPT METHODS CONSISTENT WITH GOOD CONSTRUCTION PRACTICE AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE BRIDGE OR ATTACHMENTS. ANY DAMAGE TO THE BRIDGE STRUCTURE OR ROADWAY DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

CROSSHOLE SONIC LOGGING TUBES AND TESTING:
INSTALL CSL ACCESS TUBES AT ALL SHAFT LOCATIONS PER SECTION 516.04.C(4)(b) OF THE STANDARD SPECIFICATION. PERFORM NONDESTRUCTIVE CROSSHOLE SONIC LOGGING (CSL) TESTING AT EACH PIER AS DIRECTED BY THE ENGINEER PER SECTION 516.04.C(9)(c) OF THE STANDARD SPECIFICATION.

CONCRETE:
CONCRETE FOR DRILLED SHAFTS, DECK SLAB AND TRAFFIC RAILS SHALL BE CLASS AA, F'c = 4,000 PSI MINIMUM STRENGTH AT 28 DAYS. CONCRETE FOR PIERS SHALL BE CLASS A, F'c = 3,000 PSI MINIMUM STRENGTH AT 28 DAYS.
EQUIP CONCRETE VIBRATORS WITH A SHEATH DESIGNED TO PREVENT DAMAGE TO EPOXY COATINGS WHEN VIBRATING CONCRETE CONTAINING EPOXY COATED REINFORCING STEEL.

PIER CHAMFER REQUIREMENT:
ALL EXPOSED CONCRETE EDGES (EXCLUDING PEDESTAL EDGES WHICH SHALL HAVE ¾" CHAMFER) SHALL HAVE 1½" CHAMFER UNLESS OTHERWISE NOTED. ALL CHAMFER STRIPS SHALL BE SIZED LUMBER.

REINFORCING STEEL:
ALL REINFORCING STEEL SHALL HAVE 2" CLEARANCE UNLESS OTHERWISE SHOWN OR NOTED.
ALL REINFORCING STEEL SHALL BE AASHTO M31 (ASTM A615) GRADE 60.

STRUCTURAL STEEL:
ALL STRUCTURAL STEEL USED ON THIS PROJECT SHALL CONFORM TO AASHTO M270 (ASTM A709) GRADE 50W, (WEATHERING STEEL CHARPY V-NOTCH TESTING NOT REQUIRED). NUTS, WASHERS AND WELDING SHALL HAVE WEATHERING CHARACTERISTICS.

STEEL GIRDER FABRICATION AND ERECTION:
THE CONTRACTOR SHALL ANALYZE THE STRUCTURAL BEHAVIOR OF STEEL GIRDERS AND COMPONENTS FOR EACH STAGE THAT MAY BE CRITICAL DURING FABRICATION, HANDLING, TRANSPORTATION, AND ERECTION OF THE BRIDGE, BASED ON THE PROPOSED ERECTION SEQUENCE, THE CONTRACTOR SHALL DETERMINE THE LIFTING AND SUPPORT REQUIREMENTS INCLUDING STRESSES OF THE STEEL GIRDERS AND COMPONENTS. THE CONTRACTOR SHALL DETERMINE NEED AND EXTENTS FOR TEMPORARY SUPPORT OR SHORING DURING FABRICATION, HANDLING, TRANSPORTATION, AND ERECTION. THE CONTRACTOR SHALL SUBMIT THE ERECTION PLAN TO THE BRIDGE ENGINEER FOR APPROVAL, INCLUDING THE PLAN FOR HANDLING THE GIRDERS AND COMPONENTS DURING FABRICATION, TRANSPORTATION, AND ERECTION. INCLUDE ALL COSTS ASSOCIATED WITH THE MATERIALS AND LABOR FOR FABRICATION, HANDLING, TRANSPORTATION, AND ERECTION AS WELL AS THE COSTS ASSOCIATED WITH THE ENGINEERING SERVICES NECESSARY TO DESIGN, DRAFT, INSPECT, OR CERTIFY THE FABRICATION, HANDLING, TRANSPORTATION, AND ERECTION IN THE PRICE BID FOR STRUCTURAL STEEL. ALL DOCUMENTS, INCLUDING BUT NOT LIMITED TO, DESIGN CALCULATIONS, MATERIAL LISTS, CONSTRUCTION SEQUENCE (FABRICATION, HANDLING, TRANSPORTATION, AND ERECTION SEQUENCE), AND ERECTION DRAWINGS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA. INCLUDE ALL COSTS IN THE PRICE BID PER POUND FOR STRUCTURAL STEEL.
ALL STEEL GIRDERS PLACED SHALL BE SECURELY TIED AND/OR BRACED TO PREVENT OVERTURNING IMMEDIATELY AFTER ERECTION, AND UNTIL DIAPHRAGMS OR CROSS FRAMES ARE PERMANENTLY IN PLACE. ERECTED GIRDERS SHALL HAVE ALL CROSS-FRAME CONNECTIONS COMPLETED PRIOR TO LEAVING JOB SITE AT THE END OF EACH DAY. THE METHODS TO BE USED SHALL BE SUBMITTED ON THE ERECTION DRAWINGS. WHEN ROADWAY TRAFFIC MUST BE MAINTAINED BENEATH GIRDERS ALREADY PLACED, TRAFFIC SHALL BE PROTECTED AGAINST FALLING OBJECTS DURING FINAL BOLTING. THE PROTECTION SHALL CONSIST OF NETS AND/OR FLOORING WITH NO LARGER THAN 1-INCH OPENINGS.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. INSTALLATION OF ALL COMPONENTS INTEGRAL TO THE NON-COMPOSITE STABILITY OF THE STEEL GIRDERS AND SOUARING FOR FIELD SPLICES SHALL BE IN PLACE, TIGHTENED AND INSPECTED FOR DAMAGE BEFORE ANY FALSEWORK OR LIFTING DEVICES ARE REMOVED. IF ANY OF THE BRACES ARE DAMAGED DURING ERECTION OR CONSTRUCTION, THE BRACE SHALL BE REPLACED WHILE GIRDERS ARE SUPPORTED BY FALSEWORK OR LIFTING DEVICES.

SEALED EXPANSION JOINT:
PARTIAL INSTALLATION OF THE EXPANSION JOINT OVER PIER NO. 4 WAS COMPLETED IN INTERSTATE HIGHWAY NO. I-240 & I-35 JP 09032(06) PHASE 2. THE REMAINDER OF THE JOINT SHALL BE INSTALLED IN THIS PHASE. INCLUDING NEOPRENE GLAND, SUPPORT PLATES, STEEL RECEPTOR, L1 SUPPORT BARS, W1 AND W2 ANCHOR BARS, WELDING, EQUIPMENT, LABOR AND ANY OTHER INCIDENTALS ARE TO BE INCLUDED IN OTHER ITEMS OF WORK.
MITER AND WELD STEEL RECEPTORS AND MITER AND VULCANIZE NEOPRENE GLAND AT BOTH PARAPETS, AS SHOWN ON STD. EJ-SQ, "SECTION AT F-SHAPED PARAPET WITHOUT OPENINGS" OVER PIER NO. 5.

PLATE GIRDER BRACING FOR DECK SLAB PLACEMENT:
SELECT A TEMPORARY BRACING SYSTEM IN ACCORDANCE WITH SECTION 502 OF SPECIFICATIONS CAPABLE OF PROVIDING A CONTINUOUS LOAD PATH FOR ALL ANTICIPATED LOADS DURING DECK SLAB CONCRETE PLACEMENT FOR BRIDGE. BRACING SYSTEM MUST ALSO PREVENT SIGNIFICANT LOCALIZED AND/OR GLOBAL DISTORTION OF THE STEEL GIRDERS THAT COULD CAUSE INSTABILITY OR COMPROMISE THE INTENDED FIT CONDITION. PROVIDE RESTRAINT AT BEARING ASSEMBLIES IF UPLIFT OF THE GIRDER IS ANTICIPATED OR ENCOUNTERED. THE BRACING SYSTEM SHOWN IN THE PLANS IS FOR ILLUSTRATION PURPOSES ONLY AND ALTERNATIVE SYSTEMS MAY BE CONSIDERED.
PLACE ALL BEARING MEMBERS PERPENDICULAR TO GIRDERS. PROVIDE A BRACING MEMBER AT THE OPPOSITE SIDE OF THE GIRDER WEB FOR EACH BRACING, FALSEWORK, OR FORMWORK MEMBER BEARING ON THE GIRDER WEB. LOCATE ALL MEMBERS BEARING ON THE GIRDER WEB NOT MORE THAN 6 INCHES FROM THE FLANGE. NO WELDING TO THE GIRDER WEB OR FLANGES IS PERMITTED. EPOXY-COAT OR GALVANIZE ALL COMPONENTS TO REMAIN IN PLACE AND CAST INSIDE THE DECK SLAB. USE DECK SLAB OVERHANG FORMWORK CAPABLE OF ADJUSTMENT DURING THE PLACEMENT OF CONCRETE IN ORDER TO MAINTAIN PROPER GRADES AT THE OVERHANG.
SUBMIT DESIGN DRAWINGS AND CALCULATIONS OF THE PROPOSED BRACING SYSTEM TO THE ENGINEER OF RECORD FOR APPROVAL. DESIGN DRAWINGS AND CALCULATIONS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA. IF INCLUDED IN THE CHOSEN SYSTEM, INCLUDE WITH THE DESIGN CALCULATIONS METHODS TO PREDICT CRUSH AND SETTLEMENT OF SHIMS USED FOR ADJUSTMENT. DO NOT BEGIN BRACING INSTALLATION OR DECK SLAB PLACEMENT UNTIL APPROVAL OF THE DESIGN CALCULATIONS AND DRAWINGS BY THE ENGINEER OF RECORD IS RECEIVED. ALLOW 2 WEEKS FOR REVIEW AND APPROVAL.
INCLUDE ALL COSTS ASSOCIATED WITH FALSEWORK/BRACING, INCLUDING LABOR, MATERIALS, AND PROFESSIONAL SERVICES, IN THE CONTRACT UNIT PRICE OF "ENGINEERED FALSEWORK". INCLUDE THE INSTALLATION OF ALL OTHER FALSEWORK, BRACING, AND RELATED PROFESSIONAL SERVICES IN OTHER ITEMS OF WORK.

BRIDGE DECK CONSTRUCTION METHODS:
ANY STEEL USED BY CONTRACTOR TO FACILITATE DECK CONSTRUCTION, SUCH AS INSERT WELD ANCHORS, TY-BAR CLIPS, FORM HANGERS OR OTHER APPURTENANCES THAT REMAIN IN PLACE IN THE BRIDGE DECK, MUST BE EPOXY COATED OR GALVANIZED. EPOXY COAT IN ACCORDANCE WITH AASHTO M 284 AND OR GALVANIZE IN ACCORDANCE WITH AASHTO M 111.

STAY-IN-PLACE DECK FORMS:
STAY-IN-PLACE STEEL DECK FORMS MAY BE USED IF THE MINIMUM DECK SLAB THICKNESS OF 9" IS OBTAINED BY MEASURING FROM THE TOP OF THE DECK SLAB TO THE TOP PORTION OF THE STEEL CORRUGATION. NO ADDITIONAL CONCRETE WEIGHT OF THE DECK SLAB IS PERMITTED. ADDITIONAL STEEL OF THE DECK FORMS SHALL NOT EXCEED 5 P.S.F.
PREFORMED STYROFOAM OR ANY OTHER FILLER MATERIAL MUST BE BONDED TO THE STEEL STAY-IN-PLACE FORMS.
STAY-IN-PLACE PRESTRESSED CONCRETE DECK FORMS MAY BE USED IF THE FOLLOWING CONDITIONS ARE MET:
1) SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR THE FORMS ARE SUBMITTED TO THE BRIDGE ENGINEER FOR APPROVAL.
2) A NEW STRUCTURAL DESIGN, STRUCTURAL CALCULATIONS, AND A NEW REINFORCING SCHEDULE FOR THE DECK SLAB IS SUBMITTED TO THE BRIDGE ENGINEER FOR APPROVAL.
3) SHOP DRAWINGS, NEW DECK SLAB REINFORCING SCHEDULE, STRUCTURAL DESIGNS, AND CALCULATIONS SHALL BE PREPARED BY AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF OKLAHOMA.

ALL COST ASSOCIATED WITH THE USE OF STAY-IN-PLACE FORMS INCLUDING ALL MATERIALS, LABOR, EQUIPMENT, INCIDENTALS, AND PROFESSIONAL SERVICES SHALL BE AT THE CONTRACTOR'S EXPENSE. FOR ADDITIONAL INFORMATION CONCERNING THE USE OF STAY-IN-PLACE FORMS, SEE SECTION 502 OF THE 2019 STANDARD SPECIFICATIONS.

PENETRATING WATER REPELLENT SURFACE TREATMENT:
A PENETRATING WATER REPELLENT SURFACE TREATMENT SHALL BE APPLIED TO THE FOLLOWING CONCRETE SURFACES OF THE BRIDGE:
A) EDGES AND UNDERSIDE CANTILEVER PORTION OF THE DECK SLAB.
B) THE ROADWAY FACE, TOP, AND OUTSIDE FACE OF THE PARAPETS ON THE BRIDGE DECK
C) TOP AND SIDES OF PIER CAPS NOT COVERED WITH ELASTOMERIC COATING, ALSO THE ENDS AND BOTTOM OF THE OUTSIDE CANTILEVER OF PIER CAPS.

SEALING BRIDGE DECK CONSTRUCTION JOINTS:
THE CONSTRUCTION JOINT OVER PIER 6 SHALL BE SEALED AFTER CONSTRUCTION OF PHASE 4 DECK, USING HIGH MOLECULAR WEIGHT METHACRYLATE IN ACCORDANCE WITH SECTION 523 OF THE 2019 OKLAHOMA STANDARD SPECIFICATIONS.

ELASTOMERIC COATING:
THE ELASTOMERIC COATING SHALL BE A LIQUID APPLIED URETHANE COATING SUCH AS CIM 1000 AS MANUFACTURED BY CIM INDUSTRIES, INC., POLYCOAT-PC-IM 129 SYSTEM AS MANUFACTURED BY POLYCOAT PRODUCTS, OR AN APPROVED EQUAL.
THE ELASTOMERIC COATING SHALL BE APPLIED TO THE AREAS SHOWN IN THE PLANS. THE COATING SHALL BE NEAT STRAIGHT LINES FOR APPROVAL.
THE EQUIPMENT AND METHODS OF APPLYING THE URETHANE COATING SHALL BE IN ACCORDANCE WITH THE PRODUCT COATING PROFILE AND INSTRUCTION GUIDES FOR APPLICATION TO CONCRETE. PRECAUTIONARY MEASURES SHALL BE IN ACCORDANCE WITH THE MATERIAL SAFETY DATA SHEETS AS PROVIDED BY THE MANUFACTURER.
THE COATING SHALL BE 60 MILS DRY THICKNESS AND 68 MILS WET THICKNESS. IN ADDITION TO APPLYING THE COATING TO THE CONCRETE SUBSTRUCTURE UNITS AS SHOWN IN THE PLANS, THE COATING SHALL RETURN UP THE VERTICAL SURFACES OF THE PIER AND ABUTMENT BEARING PADS TO PROVIDE A WATER TIGHT SEAL WITH THE CONCRETE PEDESTALS. SURFACE PREPARATION AND PRODUCT MIXING SHALL BE PER THE MANUFACTURERS RECOMMENDATIONS AND ALL NEW CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 3000 PSI AT THE TIME OF APPLICATION. PRIMER SHALL BE APPLIED TO THE CONCRETE SURFACES PRIOR TO APPLYING THE COATING. ALL CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE APPLICATION OF THE ELASTOMERIC COATING.
WATER REPELLANT WILL NOT BE REQUIRED ON SURFACES THAT ARE COATED WITH ELASTOMERIC COATING.
ALL COSTS ASSOCIATED WITH USE OF ELASTOMERIC COATING INCLUDING THE COST OF MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THE WORK AS SPECIFIED IN THE PLANS SHALL BE INCLUDED IN THE PRICE BID PER SQUARE FOOT OF "ELASTOMERIC COATING".

ARCHITECTURAL TREATMENT:
FOR ARCHITECTURAL TREATMENT OF BRIDGE ITEMS, SEE ARCHITECTURAL TREATMENT DETAIL SHEETS.

ANTI-GRAFFITI COATING SYSTEM:
AN ANTI-GRAFFITI COATING SYSTEM SHALL BE APPLIED IN ACCORDANCE WITH SECTION 737.04 OF THE 2019 OKLAHOMA STANDARD SPECIFICATIONS. THE FINISH SHALL USE THE COLORS THAT HAVE BEEN PRE-APPROVED BY THE ENGINEER FOR THE AESTHETIC THEME OF THE PROJECT. THE COATING SYSTEM SHALL BE APPLIED TO THE FOLLOWING EXPOSED CONCRETE SURFACES:
(A) F-SHAPED PARAPETS (ALL SIDES)
(B) PIERS (SIDES AND BOTTOMS, ALL FACES OF COLUMNS)

FOR ALL FACES OF THE PIER COLUMNS, THE ANTI-GRAFFITI COATING QUANTITY WAS CALCULATED STARTING 2'-6" FROM THE TOP OF THE FOOTINGS.
WHERE PENETRATING WATER REPELLANT SURFACE TREATMENT IS TO BE APPLIED, THE WATER REPELLANT SHALL BE APPLIED PRIOR TO THE APPLICATION OF THE ANTI-GRAFFITI COATING.
THE ANTI-GRAFFITI FINISH AND ALL COSTS ASSOCIATED WITH THIS SHALL BE INCLUDED IN THE BID PER SQUARE FOOT OF "GRAFFITI TREATMENT".

TYPICAL FORMLINER AND CONCRETE FINISH NOTES:
THE EXPOSED CONCRETE SURFACE OF THE F-SHAPED PARAPETS, AND PIERS SHALL HAVE THE TEXTURED SURFACE TREATMENT THAT HAS BE PRE-APPROVED BY THE ENGINEER FOR THE AESTHETIC THEME OF THE PROJECT.
ALL EXPOSED SURFACES SHALL BE FINISHED WITH A CLASS 7 PAINT FINISH IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS. APPLY ANTI-GRAFFITI COATING TO THE SURFACE REQUIRED IN THE PLANS (SEE ANTI-GRAFFITI COATING SYSTEM NOTE). THE CLASS 7 PAINT FINISH SHALL BE OF THE COLOR THAT THE ENGINEER HAS PRE-APPROVED FOR THE AESTHETIC THEME OF THE PROJECT.
THE CONTRACTOR SHALL SUBMIT THE MANUFACTURER'S INSTALLATION INSTRUCTION AND PRODUCT DATA FOR THE TEXTURED SURFACE TREATMENTS. SHOP DRAWINGS SHALL INDICATE FORMLINER LAYOUT, RUSTICATION, REVEAL, AND CHAMFER STRIPS. LOCATION OF THE JOINTS AND FORM TIES SHALL BE INCLUDED.
THE TEXTURED FORMLINER PATTERNS SHALL STAY A DISTANCE OF 1'-0" TYPICAL FROM ALL EDGES OF CONCRETE. THIS INCLUDES JOINT AND CONCRETE ENDS. THESE EDGE DISTANCES SHALL BE SHOWN IN THE SUBMITTED WORK FOR APPROVAL.
THE CONTRACTOR SHALL PROVIDE THE ENGINEER, FOR APPROVAL, A SAMPLE PANEL OF THE TEXTURED SURFACE TREATMENTS. THE SAMPLE PANEL SHALL BE AN 18" X 18" PANEL WITH SURFACE TREATMENTS. FOLLOWING THE APPROVAL OF THE SMALL PANEL, THE CONTRACTOR SHALL PROVIDE ONE FULL SCALE MOCK-UP PANEL OF EACH SURFACE TREATMENT USING PROPOSED MATERIAL, METHODS AND WORKMANSHIP. THE PANEL SHALL BE APPROVED BY THE ENGINEER ON THE SITE. THE MOCK-UP PANELS SHALL BE A MINIMUM OF 50 SQUARE FEET IN SIZE.
THE MOCKUP PANEL SHALL INCORPORATE THE PROPOSED CONCRETE MIX, FORM WORK, TIES, FORMLINER, FORM RELEASE AGENTS, PLACEMENT RATE, FORM PRESSURES, JOINT SEALER, VIBRATING, AND FORM STRIPPING PRACTICES.
THE MOCK-UP SHALL BE ACCEPTED BY THE ENGINEER PRIOR TO BEGINNING FORM WORK FOR THE PROJECT. THE ACCEPTED MOCK-UPS WILL BE THE STANDARD FOR TECHNICAL AND AESTHETIC MERIT. FOLLOWING ACCEPTANCE OF THE MOCK-UP PANELS FOR FORMLINER AND REPAIR WORK, ALL PORTIONS OF THE PANELS SHALL HAVE THE ODOT CLASS 7 PAINT FINISH AS REQUIRED ABOVE. THE COLOR AND FINISH SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
FORM WORK SHALL BE DESIGNED BY THE CONTRACTOR TO COMPLY WITH ALL REQUIREMENTS BY THE FORMLINER MANUFACTURER. IN ADDITION, ALL REQUIREMENTS OF THE FORMLINER MANUFACTURER FOR HANDLING AND INSTALLATION OF THE FORMLINERS, APPLICATION OF RELEASE AGENTS, PLACEMENT OF CONCRETE, VIBRATING OF CONCRETE, AND REMOVAL OF FORMS SHALL BE FOLLOWED. FORMLINER BUTT JOINTS SHALL BE CAREFULLY LINED UP TO PROVIDE A SURFACE FREE FROM VISIBLE SEAM LINES.
PRIOR TO THE PLACEMENT OF CAST-IN-PLACE CONCRETE, THE ENGINEER SHALL VERIFY THE LINES AND FORMLINER PANEL PATTERNS. AFTER STRIPPING OF THE FORMS, THE PRE-APPROVED COLOR AND FINISH SHALL BE APPLIED TO MATCH THE APPROVED COLOR AND FINISHES FROM THE MOCK-UP PANEL, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

PROTECTION OF AREAS UNDER BRIDGES:
THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE AREAS UNDER THE BRIDGES FROM FALLING DEBRIS AND BE SOLELY RESPONSIBLE FOR SAFEGUARDING THESE AREAS.

UTILITIES:
(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE DUE TO RELOCATION PLANNED OR PRESENTLY UNDER CONSTRUCTION. ALL UTILITIES THAT WOULD INTERFERE WITH CONSTRUCTION OF NEW BRIDGE SHOULD BE RELOCATED BY THE UTILITY OWNERS PRIOR TO START OF CONSTRUCTION. THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THAT THE UTILITIES HAVE BEEN RELOCATED PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.
NO PAYMENT WILL BE MADE FOR REMOVAL OF ABANDONED UTILITY PIPE LINES THAT INTERFERE WITH CONSTRUCTION. ALL COST TO BE INCLUDED IN OTHER ITEMS.

OKLAHOMA ONE-CALL SYSTEM:
IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

Preliminary Plans

PHASE 3 — OKLAHOMA COUNTY

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

GENERAL NOTES (BRIDGE)

STATE JOB NO. 09032(07) SHEET NO. AB02

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

PAY QUANTITY NOTES

(R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.

(R-4) AN ESTIMATED QUANTITY OF 7,723 C.Y. TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5" ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE. SHALL BE INCLUDED IN THE PRICE BID.

(R-6) FOR TYPE A-SALVAGE TOPSOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRE.
FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 SY.

(R-7) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SY.

(R-8) PRICE BID TO INCLUDE COST OF ALL NECESSARY MAINTENANCE, MAINTAINING DEVICE IN PROPER UPRIGHT POSITION, REMOVAL OF DEVICE, AND REMOVAL OF SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE DEVICE.

(R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 8.31 ACRES.

(R-15) QUANTITY BASED ON TWO APPLICATIONS.

(R-19) PRICE BID TO INCLUDE THE CHEMICAL ADDITIVE(S) TO ACHIEVE THE RATE SPECIFIED FOR THE APPROPRIATE SOIL CLASSIFICATION AS SPECIFIED IN THE MOST CURRENT ODOT MATERIALS DIVISION OHD L-50. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S).

(R-20) ESTIMATED AT 120.00 LBS. PER CU. FT.

(R-25) ESTIMATED AT 0.075 GALLONS PER SQUARE YARD OF ORIGINAL EMULSION OF TACK COAT (BEFORE DILUTION FOR APPLICATION) IN ACCORDANCE WITH SECTION 407 OF THE STANDARD SPECIFICATIONS.

(R-26) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.

(R-33) QUANTITY INCLUDES AN ESTIMATED 120 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

(R-34) PRICE BID TO INCLUDE COST OF 0.00 - 4" MOUNTABLE CURB HOODS, 16.00 - 6" MOUNTABLE CURB HOODS, 0.00 - 6" BARRIER CURB HOODS, 0.00 - 8" BARRIER CURB HOODS.

(R-35) THE PRECAST CONCRETE OPTION MAY BE USED INSTEAD, PER DIRECTION OF THE ENGINEER.

(R-37) ANY DRAINAGE STRUCTURE DESCRIBED AS TEMPORARY, SHALL AFTER COMPLETION OF THE PROJECT, BE REMOVED BY AND BECOME THE PROPERTY OF THE CONTRACTOR.

(R-39) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.

(R-40) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(R-41) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.

(1) PRICE BID FOR CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL OF TREES, VEGITATIVE DEBRIS, AND ANY OTHER ORGANIC ITEMS NOT SPECIFICALLY PAID FOR AS REMOVAL ITEMS.

(2) ANY WASTE EXCAVATION OR OTHER MATERIAL EXISTING ABOVE THE NATURAL GROUND LINE WILL BE REMOVED AS PART OF THE CLEARING AND GRUBBING ITEM AND WILL NOT BE PAID FOR AS UNCLASSIFIED EXCAVATION.

(3) QUANTITY INCLUDES 500 C.Y. TO BE USED IF AND AS DIRECTED BY THE ENGINEER.

(4) SEPARATOR FABRIC SUITED FOR SUBSURFACE DRAINAGE AND SEPARATOR APPLICATIONS SHALL BE "CONTECH C-7ONW" OR COMPARABLE FABRIC MANUFACTURED BY "TENAX", "MIRAFI" OR APPROVED EQUAL.

(5) QUANTITY INCLUDES 100 TONS TO BE USED IF AND AS DIRECTED BY THE ENGINEER.

(6) THIS IS AN ESTIMATED QUANTITY. LOCATION, IF AND WHERE REQUIRED, TO BE DETERMINED BY THE ENGINEER.

(7) SLIP FORMING WILL NOT BE AN ALLOWED CONSTRUCTION METHOD.

(8) INCLUDES 39.00 C.Y. TO CONSTRUCT MOMENT SLAB FOR F-SHAPED BARRIER, AND INCLUDES 38.00 C.Y. FOR MONOTUBE BARRIER CAP.

(9) INLUDES 16,605 LBS. FOR DRAINAGE STRUCTURES, AND INCLUDES 1,050 LBS. FOR MONOTUBE BARRIER CAP.

(10) ESTIMATED AT 160 LBS. PER CU. FT.

(11) PRICE BID SHALL INCLUDE THE COST OF ANY ADDITIONAL DEPTH AS SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURES.

(12) JUNCTION BOX RISERS AND MANHOLES WITHIN PAVED MEDIANS AND SHOULDERS SHALL BE CONSTRUCTED FLUSH AND AT THE SAME CROSS SLOPE AS THE FINISH PAVEMENT. COVERS SHALL BE THE LOCKING TYPE AS APPROVED BY THE ENGINEER.

(13) INCLUDES 0 TYPE 'A', 40 TYPE 'B', AND 8 TYPE 'C' FRAMES AND GRATES (SEE STANDARD SSIF-3).

(14) PRICE BID SHALL INCLUDE THE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL AS SHOWN ON THE SUMMARY OF DRAINAGE STRUCTURES.

(15) PRICE BID FOR THIS ITEM SHALL INCLUDE COST TO ADJUST TO GRADE (COMPLETE) INCLUDING MANHOLE FRAMES AND COVERS (TYPE R), OF THE SIZE SHOWN ON DRAINAGE STRUCTURE & DETAIL SHEETS.

(16) PRICE BID SHALL INCLUDE THE COST OF TRENCH EXCAVATION AND COVER MATERIAL.

(17) QUANTITY INCLUDES 3 TO BE USED FOR PIPE UNDERDRAIN

(18) THIS IS AN ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER. THIS PAY ITEM IS FOR VIDEO INSPECTION OF DRAINAGE CONDUITS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL USE A VIDEO SOURCE WITH ADEQUATE LIGHTING TO ENSURE PIPE HAS BEEN CLEANED AND IS UNDAMAGED. THIS VIDEO INSPECTION SHALL INCLUDE EITHER AUDIO OR TEXT INFORMATION ON SCREEN TO DEFINE STRUCTURE LOCATIONS. FORMAT TO BE APPROVED BY THE ENGINEER.

(19) PRICE BID SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL OF CONCRETE DITCH LINER, CONCRETE FLUMES, STRUCTURES, STORM SEWERS, PIPLINES, SAWING PAVEMENT, CONC. CURB & GUTTER, GUARD RAIL, PAVEMENT MARKINGS, FENCING, FOOTINGS, POLES, OVERHEAD AND CANTILEVER SIGN STRUCTURES, GROUND MOUNTED SIGN STRUCTURES AND SHEET METAL SIGNS TO BE PERMANENTLY REMOVED AND ANY OTHER NON-ORGANIC ITEM NOT SPECIFICALLY VERIFIED AS TO THE EXISTING CONDITION AND POSSIBLE NON-STANDARD REMOVAL OPERATIONS THAT MAY BE REQUIRED.

(20) IMPACT ATTENUATORS SHALL BE QUADGUARD ELITE, SCI 100 (SMART CUSHION), OR APPROVED EQUAL WITHIN THE SAME CATEGORY. IMPACT ATTENUATORS SHALL MEET ALL NCHRP-350 TL-3 REQUIREMENTS AND OKLAHOMA DEPARTMENT OF TRANSPORTATION IMPACT ATTENUATORS GUIDELINES MATRIX.

PAY QUANTITIES

0100 ROADWAY — JP 09032(07)

ITEM NO.		DESCRIPTION		UNIT	QUANTITY
201(A)	1200	CLEARING AND GRUBBING	(1)(2)	LSUM	1.00
202(A)	2200	UNCLASSIFIED EXCAVATION		CY	58,468.00
202(D)	2500	UNCLASSIFIED BORROW	(3)	CY	48,192.00
205(A)	0200	TYPE A-SALVAGED TOPSOIL	(R-4)(R-6)	LSUM	1.00
221(B)	2300	TEMPORARY SILT FENCE	(R-8)	LF	2,878.00
221(E)	2600	TEMPORARY SILT DIKE	(R-8)	LF	189.00
221(F)	2700	TEMPORARY ROCK FILTER DAM TYPE 1	(R-8)	CY	17.00
221(H)	2900	(PL)TEMPORARY INLET SEDIMENT FILTER	(R-8)	EA	60.00
230(A)	7200	SOLID SLAB SODDING	(R-6)(R-7)	SY	40,189.00
233(A)	0200	VEGETATIVE MULCHING	(R-11)	AC	8.31
241	3100	MOWING	(R-15)	AC	18.00
303(A)	1200	AGGREGATE BASE TYPE A	(R-1)	CY	8,590.00
307(K)	4200	STABILIZED SUBGRADE	(R-19)	SY	36,456.00
325	0100	SEPARATOR FABRIC	(4)	SY	33,712.00
402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E	(5)(R-20)	TON	1,102.00
407(B)	7300	TACK COAT	(R-25)	GAL	9,407.00
411(B)	1300	SUPERPAVE, TYPE S3 (PG 76-28 OK)	(R-26)	TON	4,661.00
411(B)	1330	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-26)	TON	15,811.00
411(C)	1400	SUPERPAVE, TYPE S4 (PG 76-28 OK)	(R-26)	TON	3,168.00
414(A)	5200	P.C. CONCRETE PAVEMENT(PLACEMENT)	(R-1)	SY	2,179.00
414(B)	5300	DOWEL JOINTED P.C.C.PAVT.(PLACEMENT)	(R-1)	SY	3,483.00
414(G)	5800	P.C. CONCRETE FOR PAVEMENT	(R-1)	CY	1,573.00
501(A)	1200	STRUCTURAL EXCAVATION UNCLASSIFIED		CY	12.00
504(E)	5520	42" F-SHAPED PARAPET	(7)	LF	236.00
509(A)	0200	CLASS AA CONCRETE		CY	91.00
509(B)	0300	CLASS A CONCRETE	(8)	CY	77.00
509(D)	0500	CLASS C CONCRETE	(R-33)	CY	120.00
511(A)	2200	REINFORCING STEEL	(9)	LB	17,655.00
511(B)	2300	EPOXY COATED REINFORCING STEEL		LB	5,971.00
515(A)	7200	WATER REPELLENT (VISUALLY INSPECTED)		SY	208.00
516(A)	8240	DRILLED SHAFTS 60" DIAMETER		LF	105.00
601(A)	1100	TYPE I PLAIN RIPRAP	(10)	TON	259.00
601(B)	1220	TYPE I-A PLAIN RIPRAP	(10)	TON	196.00
601(C)	1300	TYPE I-A FILTER BLANKET		TON	39.00
609(A)	4220	CONC.CURB(4" MNTBLE-INTEGRAL)		LF	1,701.00
609)B)	4355	2'-8" COMB.CRB.& GUT.(4" MNTBLE)		LF	63.00
610(C)	5410	6" CONCRETE DIVIDING STRIP		SY	82.00
611(A)	7210	MANHOLE (4' DIA.)	(11)(12)(15)(R-35)	EA	9.00
611(G)	0172	INLET W/LRG. JCT. BOX, CI, DES.3	(11)(13)(R-34)(R-35)	EA	3.00
611(G)	7786	INLET CI DES. 3 (STD)	(11)(13)(R-34)(R-35)	EA	1.00
611(G)	8155	INLET - LONG. BARRIER - TYPE I,DES.2	(11)(13)(R-35)	EA	6.00
611(G)	8175	INLET - LONG. BARRIER - TYPE II,DES.2	(11)(13)(R-35)	EA	5.00
613(A)	5208	18" R.C. PIPE CLASS III	(14)(R-37)	LF	1,567.00
613(A)	5216	24" R.C. PIPE CLASS III	(14)(R-37)	LF	132.00
613(A)	5220	30" R.C. PIPE CLASS III	(14)	LF	213.00
613(A)	5350	22" X 13" R.C.PIPE ARCH CLASS A-III	(14)	LF	443.00
613(A)	5358	28" X 18" R.C.PIPE ARCH CLASS A-III	(14)	LF	340.00
613(H)	6210	8" PERFORATED PIPE UNDERDRAIN ROUND	(6)(16)	LF	533.00
613(I)	6315	8" NON-PERF. PIPE UNDERDRAIN RND.	(6)(16)	LF	178.00
613(J)	6400	EDGE DRAIN CONDUIT-PERFORATED		LF	285.00
613(K)	6500	EDGE DRAIN OUTLET LATERAL-NONPERFORATED		LF	20.00
613(L)	6724	30" PREFAB. CULVERT END SEC., ROUND		EA	2.00
613(M)	6960	TYPE A4 CULVERT END TREATMENT		EA	1.00
613(Q)	7500	OUTLET LATERAL HEADWALL	(6)(17)	EA	5.00
613(Y)	8300	(PL)VIDEO INSPECTION OF CONDUIT	(18)	LF	100.00
619(A)	6200	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(19)(R-39)(R-40)	LSUM	1.00
619(B)	6360	REMOVAL OF CONCRETE PAVEMENT	(R-40)(R-41)	SY	7,959.00
619(B)	6364	REMOVAL OF ASPHALT PAVEMENT	(R-40)(R-41)	SY	27,157.00
871(A)	2210	(PL) IMPACT ATTENUATOR	(20)	EA	1.00

PAY QUANTITIES

0690 STAKING — JP 09032(07)

ITEM NO.		DESCRIPTION	UNIT	QUANTITY
642(B)	3300	CONSTRUCTION STAKING LEVEL II	LSUM	1.00

PAY QUANTITIES

0640 CONSTRUCTION — JP 090325(07)

ITEM NO.		DESCRIPTION	UNIT	QUANTITY
220	1100	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.00
641	2110	MOBILIZATION	LSUM	1.00

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

SUMMARY OF PAY QUANTITIES & NOTES (ROADWAY)

STATE JOB NO. 09032(07) SHEET NO. AR01

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

GENERAL CONSTRUCTION NOTES

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

MAINTENANCE OF THROUGH TRAFFIC INCLUDES THE MAINTENANCE OF THE EXISTING ROAD IN CLOSE PROXIMITY TO THE NEW CONSTRUCTION AS SHOWN ON THE PLANS.

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP-OFF TREATMENT STANDARD PDT-2 (LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL BE CLEANED OUT TO THE RIGHT-OF-WAY LINE, AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY RIGHT-OF-WAY FENCE AS REQUIRED. WHEN THE PORTION OF THE PROJECT THAT REQUIRED THIS FENCE IS COMPLETED, THE TEMPORARY FENCE SHALL BE REMOVED, AND PERMANENT RIGHT-OF-WAY FENCING SHALL BE RESTORED OR INSTALLED IN A MANNER APPROVED BY THE ENGINEER. ALL COST OF TEMPORARY FENCING SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

ALL FLOWLINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL NOT WASTE ANY EXCESS EXCAVATION UNTIL ALL PLANNED EMBANKMENTS AND BACKFILLS ARE COMPLETED. EXCESS UNCLASSIFIED EXCAVATION MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE FOR BACKFILL SHALL BE USED TO REDUCE ANY UNCLASSIFIED BORROW NEEDED. COST OF SECOND HANDLING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ANY REMAINING EXCESS EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "MULCHING-TILLER METHOD", AS SPECIFIED IN 233.04B(2) OF THE STANDARD SPECIFICATIONS.

AT THE BEGINNING OF TURFING OPERATIONS, ANY AREAS INCLUDED IN PLANNED QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OF PERENNIAL GRASS, AS DETERMINED BY THE ENGINEER, SHALL BE FERTILIZED AND WATERED AS CALLED FOR ON THE PLANS. BUT SHALL NOT BE SEEDED. SODDED. OR SPRIGGED.

PIPE UNDERDRAIN QUANTITIES ESTIMATED ONLY. LOCATION, IF AND WHERE REQUIRED, TO BE DETERMINED BY THE ENGINEER.

T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

THE ENGINEER SHALL CHECK GRADES AT RAMP TERMINALS, AND MAKE ANY ADJUSTMENTS OF THE GRADES AND SUPERELEVATIONS, WHICH ARE REQUIRED TO OBTAIN SMOOTH PROFILES FOR BOTH EDGES OF THE RAMP PAVEMENT. CROSS SLOPE BREAKOVER SHALL NOT EXCEED 5%(FIVE PERCENT).

ONLY THE SILICONE SEALANT OPTIONS, FROM STANDARD LECS-5, WILL BE ALLOWED ON THIS PROJECT.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.

EXCESS ASPHALT AT JOINTS AND CRACKS IN EXISTING PAVEMENT SHALL BE REMOVED FLUSH TO TOP OF PAVING IN A MANNER APPROVED BY THE ENGINEER.

GENERAL CONSTRUCTION NOTES (CONT.)

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, PATHS, SIDEWALKS, CURB RAMPS, AND CROSSWALK MARKINGS WILL COMPLY WITH PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), PUBLISHED JULY 26, 2011. WHERE SPECIAL LIMITATIONS OF EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH PROWAG, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR WILL NOT PROCEED WITH ANY OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH PROWAG, WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF PROWAG FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CROSS SLOPE FOR PATHS, SIDEWALKS AND RAMPS WITHIN THE LIMITS OF AN ACCESIBLE ROUTE WILL NOT EXCEED 1:50 OR 2%.

CONSTRUCTION NOTES

ALL WORK AND/OR MATERIALS NOT CLASSIFIED AS A "CONTRACT PAY ITEM" SHALL BE CONSIDERED INCIDENTAL AND THE COST THEREOF SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS WHICH ARE CLASSIFIED FOR PAYMENT.

(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATIONS PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC,. PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDER GROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:
THE OKIE NOTIFICATION CENTER (405) 840-5021 OR 1-800-522-6543

THE OWNERS OF UTILITIES LOCATED WITHIN THE LIMITS OF THIS PROJECT ARE:

OG&E 321 N. HARVEY OKLA. CITY, OK 73102 (405)272-1010	ODOT 200 N.E. 21ST STREET OKLA. CITY, OK 73105 (405)521-2661	THE CITY OF OKLAHOMA CITY 420 W. MAIN ST., SUITE 500 OKLA. CITY, OK 73102 (405)297-3548
ONG 401 N. HARVEY OKLA. CITY, OK 73102 (405)551-4000	AT&T 7001 N.W. 23RD ST. OKLA. CITY, OK 73008 (405)291-3229	INDIAN NATIONS FIBER OPTICS 124 WEST VINITA SULPHUR, OK 73086 (580)622-4050

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

ALL EXISTING MANHOLES, VALVES, FIRE HYDRANTS AND METERS, WHICH ARE NOT BEING RELOCATED OR REMOVED, SHALL BE RESET TO PROPOSED CONDITIONS. ALL ITEMS THAT ARE TO BE REMOVED AND/OR RESET SHALL BE HANDLED WITH CARE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING THESE OPERATIONS.

IN THE EVENT THE EXISTING SECTION LINE ROADS OR PUBLIC ROAD ARE IN ANY WAY DISTURBED AS A RESULT OF THE CONTRACTORS EFFORTS, IT SHALL BE THE RESPONSIBILITY OF SAID CONTRACTOR TO RETURN THE AREA TO ITS ORIGINAL CONDITION WITH NO ADDITIONAL COMPENSATION AS DIRECTED AND TO THE SATISFACTION OF THE ENGINEER.

A CONTRACTOR'S PROGRESS SCHEDULE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 108.03 OF THE 2019 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

TEMPORARY EARTH RETAINAGE (SHEETING AND SHORING) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF OKLAHOMA. DESIGN CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED TO ODOT BRIDGE DIVISION FOR APPROVAL, PRIOR TO CONSTRUCTION. THE LIMITS OF THE SHEETING AND SHORING ARE TO BE DETERMINED BY THE CONTRACTOR. SEE SECTION 502.04.D OF THE 2019 STANDARD SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REPLACEMENT AND/OR REPAIR OF ALL TRAFFIC CONTROL DEVICES AND APPURTENANCES DAMAGED OR DISTURBED DUE TO CONSTRUCTION.

A WORK ZONE PERMIT MUST BE OBTAINED FROM THE TRAFFIC MANAGEMENT DIVISION AT LEAST TWO (2) WORKING DAYS PRIOR TO THE START OF WORK AND/OR PLACING OR REMOVING ANY BARRICADES OR MODIFYING EXISTING TRAFFIC CONTROL DEVICES. CALL (405) 297-2531 TO OBTAIN AN APPLICATION.

THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS THAT WILL BE IN CONFLICT WITH THE PROPOSED WORK.

AT ANY JOINTS IN A CONCRETE STRUCTURE, THE CENTER OF THE FIRST REINFORCING BAR PARALLEL TO THAT JOINT SHALL BE A MAXIMUM OF TWO INCHES FROM THE EDGE OF THE CONCRETE.

REMOVED MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

CONSTRUCTION NOTES (CONT.)

ALL BROKEN CONCRETE INCLUDING OLD SIGN FOOTINGS WITH STUBS, WASTE MATERIAL AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT SHALL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.

EXISTING GRADE LINES AND CROSS SLOPES SHALL BE FIELD VERIFIED. MODIFICATIONS TO THE GRADE LINES AND CROSS SLOPES AS SHOWN ON THE PLANS TO OBTAIN POSITIVE DRAINAGE WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

THE USGS 7.5 MINUTES QUADRANGLE SHEETS INDICATE THE "WATERS OF THE UNITED STATES" AND "WETLANDS" EXIST WITHIN THIS PROJECT AREA. THE ISSUE OF "WATERS OF THE UNITED STATES" AND "WETLANDS" FALLS UNDER THE CORP OF ENGINEERS (COE) TULSA DISTRICT REGULATORY DIVISION, BUT THE CITY IS OBLIGATED TO INSURE THAT ALL NECESSARY STATE AND FEDERAL PERMITS HAVE BEEN OBTAINED, PURSUIT TO 44 CFR 60.3. THEREFORE, THE APPLICANT IS REQUIRED TO SUBMIT DOCUMENTATION FROM THE COE SHOWING COE APPROVAL FOR THE PROPOSED WORK.

CONSTRUCTION ACTIVITIES THAT RESULT IN LAND DISTURBANCE OF EQUAL TO OR GREATER THAN ONE (1) ACRE, OR LESS THAN ONE (1) ACRE IF THEY ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT TOTALS AT LEAST ONE (1) ACRE MUST OBTAIN A PERMIT FROM ODEQ (FORM 605-002A) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.

A COPY OF THE EROSION CONTROL SITE PLAN MUST BE ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.

ANY AREA WITHIN THE PROJECT LIMITS DISTURBED BY THE CONTRACTORS CONSTRUCTION ACTIVITIES NOT SPECIFICALLY SHOWN ON THE PLANS i.e. (STAGING AREAS, STORAGE AREAS, HAUL ROADS, ETC.) SHALL BE RESTORED TO ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS.

Preliminary Plans

UNLESS OTHERWISE NOTED ON THE PLANS. HORIZONTAL LOCATIONS OF EX. UTILITIES ARE APPROXIMATE & VERTICAL LOCATIONS OF EX. UTILITIES ARE UNKNOWN.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY OF PAY QUANTITIES & NOTES (ROADWAY)

STATE JOB NO. 09032(07) SHEET NO. AR02

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SUMMARY OF SURFACING QUANTITIES

STATION TO STATION	UNCLASSIFIED BORROW 202(D)	AGGREGATE BASE TYPE 'A' 303(A)	STABILIZED SUBGRADE 307(K)	SEPARATOR FABRIC 325	TBSC TYPE- E 402(E)	TACK COAT 407(B)	SUPERPAVE TYPE S3 (PG 76-28 OK) 411(B)	SUPERPAVE TYPE S3 (PG 64-22 OK) 411(B)	SUPERPAVE TYPE S4 (PG 76-28 OK) 411(C)	P.C. CONC. PAVT. (PLACEMENT) 414(A)	DOWEL JOINTED P.C. CONC. PAVT. (PLACEMENT) 414(B)	P.C. CONC. PAVT. FOR PAVEMENT 414(G)	CONC. CURB (4" MNTBLE-INTEGRAL) 609(A)	2'-8" COMB. CURB & GUTTER (4" MNTBLE) 609(B)	6" CONCRETE DIVIDING STRIP 610(C)
	CY	CY	SY	SY	TON	GAL	TON	TON	TON	SY	SY	CY	LF	LF	SY
EASTBOUND I-240															
397+24.67 TO 405+00.00	0.00	1,689.64	3,189.68	3,189.68	0.00	921.61	512.39	1,559.52	339.62					0.00	0.00
405+00.00 TO 420+00.00	0.00	1,354.35	6,153.72	6,153.72	0.00	1,778.20	988.71	3,008.92	655.29					0.00	0.00
420+00.00 TO 435+00.00	0.00	2,001.98	9,250.29	9,232.13	468.42	2,531.11	1,415.07	4,279.51	938.57					0.00	0.00
450+00.00 TO 451+70.00	37.29	2,132.12	9,819.96	9,709.27	394.71	2,749.23	1,529.10	4,659.43	1,013.93					62.56	81.09
435+00.00 TO 450+00.00	0.00	203.81	923.83	923.83	0.00	269.46	150.09	455.13	99.63					0.00	0.00
RAMP D															
65+07.53 TO 78+00.00	4,769.94	424.71	4,769.94	1,541.94	138.20	117.20	65.04	1,088.93	43.02	1,075.98	2,440.99	977.01	780.95		
78+00.00 TO 87+31.15	95.69	782.83	2,348.48	2,961.41				526.08		1,102.92	1,041.24	595.65	919.40		
EASTBOUND I-240 TEMP. WIDENING RT.															
434+16.36 TO 441+96.36	15.22					1,040.00		232.97	77.67						
TOTALS	**4,918.14**	**8,589.44**	**36,455.90**	**33,711.98**	**1,001.33**	**9,406.81**	**4,660.40**	**15,810.49**	**3,167.73**	**2,178.90**	**3,482.23**	**1,572.66**	**1,700.35**	**62.56**	**81.09**

SUMMARY OF BARRIER

LOCATION	LOCATION	42" F-SHAPED PARAPET 504(E)	CLASS A CONC. 509(B)	WATER REPELLENT (VISUALLY INSPECTED) 515(A)	EPOXY COATED REINF. STEEL 511(B)	IMPACT ATTENUATOR 871(A)	DESIGN 1	2	3	4	5	6	7	8
							1	1A	FSB	FSB	TS	L.P. SUP	O.H. SIGN SUP	FSB R.W.P.
		LF	CY	SY	LB	EA								
EASTBOUND I-240														
424+01.33 TO 426+37.33	RT.	236.00	38.23	207.68	5970.80	1.00				X				
TOTALS:		**236.00**	**38.23**	**207.68**	**5970.80**	**1.00**								

1 DESIGN 1 LONGITUDINAL BARRIER - SEE ODOT STANDARD DRAWING CLB-2

2 DESIGN 1A LONGITUDINAL BARRIER - SEE ODOT STANDARD DRAWING CLB-2

3 F-SHAPED PARAPET - SEE DETAIL THIS SHEET

4 F-SHAPED PARAPET WITH MOMENT SLAB - SEE DETAIL SHEET

5 MEDIAN BARRIER TRANSITION - SEE ODOT STANDARD DRAWING

6 MEDIAN BARRIER LIGHT POLE SUPPORT

7 MEDIAN BARRIER OVERHEAD SIGN STRUCTURE SUPPORT

8 F-SHAPED PARAPET - RETAINING WALL PROTECTION

SUMMARY OF PIPE EDGE DRAIN

LOCATION ALIGNMENT	LOCATION STATION	LEFT	CL	RIGHT	EDGE DRAIN CONDUIT PERFORATED 613(J)	EDGE DRAIN OUTLET LATERAL NON-PERFORATED 613(K)	OUTLET LATERAL HEADWALL 613(Q)	REMARKS
					LF	LF	EA	
WB I-240	424+01.33 TO 426+37.33			X	236.00	10.00	1.00	Outlet
WB I-240	441+42.88 TO 441+90.95			X	48.07	10.00	1.00	Outlet
				TOTALS:	**284.07**	**20.00**	**2.00**	

SUMMARY OF RIPRAP

STRUCTURE STATION	H	W	L	D_{50}	T	S	TYPE I PLAIN RIPRAP 601(A)	TYPE I-A PLAIN RIPRAP 601(B)	TYPE I-A FILTER BLANKET 601(C)
	FT	FT	FT	FT	IN	IN	TON	TON	TON
CD2	5.08	58	36	0.80	18	0	250.83		
CD4	2.30	26	27	1	24	6		195.39	38.45
D7	1.39	5	6	1	12	0	7.64		
TOTALS							**258.47**	**195.39**	**38.45**

SUMMARY OF EARTHWORK

STATION TO STATION	UNCLASSIFIED EXCAVATION 202(A)	EMBANKMENT +/-15%	EXCESS EXCAVATION (1)	UNCLASSIFIED BORROW 202(D)
	C.Y.	C.Y.	C.Y.	C.Y.
EASTBOUND I-240				
STA. 397+24.67 TO STA. 457+70.00	26,780.00	66,976.00	0.00	40,196.00
RAMP 'D'				
STA. 65+07.43 TO STA. 87+31.15	9,908.00	30,392.00	0.00	20,484.00
CHANNEL 'D'				
STA. 20+98.83 TO STA. 24+61.73	20,890.00	2,983.00	17,907.00	0.00
TOTALS	**57,578.00**	**100,351.00**	**0.00**	**42,773.00**

(1) 1,7907 CY OF EXCESS EXCAVATION WAS USED TO REDUCE UNCLASSIFIED BORROW. ANY REMAINING QUANTITY WILL BECOME WASTE AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER

SUMMARY OF EROSION CONTROL

STATION LOCATION	SOLID SLAB SODDING 230(A)	VEGETATIVE MULCHING 233(A)	FERTILIZING (10-20-10) (1)	FERTILIZING (18-46-0) (1)	WATERING 230(F) (1)	MOWING 241
	S.Y.	ACRE	TON	TON	K-GAL.	ACRE
I-240						
418+00.00 TO 420+00.00	561.07	0.12	0.06	0.06	22.44	0.12
420+00.00 TO 435+00.00	11517.33	2.38	1.15	1.15	460.69	2.38
435+00.00 TO 450+00.00	7347.41	1.52	0.73	0.73	293.90	1.52
RAMP D						
65+07.43 TO 78+00.00	20762.22	4.29	2.08	2.08	830.49	4.29
TOTALS	**40,188.03**	**8.31**	**4.02**	**4.02**	**1,607.52**	**8.31**

(1) FOR INFORMATION ONLY

SUMMARY OF TEMPORARY SEDIMENT CONTROL

LOCATION STATION TO STATION	TEMPORARY SILT FENCE 221(B)	TEMPORARY INLET SEDIMENT FILTER 221(H)	TEMPORARY SILT DIKE 221(E)	TEMPORARY ROCK FILTER DAM, TYPE 1 221(F)
	L.F.	EA.	LF	CY
CRL I-240				
395+00.00 TO 405+00.00		2.00		
405+00.00 TO 420+00.00	209.00	14.00		
420+00.00 TO 435+00.00	1,995.00	4.00	21.00	6.70
435+00.00 TO 450+00.00		10.00	63.00	
450+00.00 TO 451+70.00		14.00		
RAMP D				
65+07.43 TO 80+00.00	674.00	8.00	105.00	5.60
80+00.00 TO 87+31.15		8.00		4.00
TOTALS	**2,878.00**	**60.00**	**189.00**	**16.30**

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY SHEET
(SHEET 1 OF 5)

STATE JOB NO. 09032(07) SHEET NO. AR03

Preliminary Plans

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

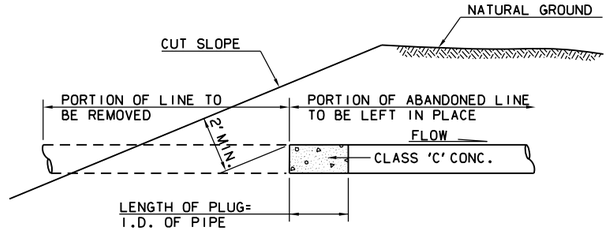
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

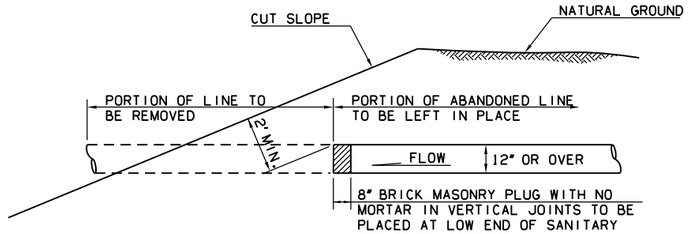
SUMMARY OF REMOVALS

STATION LOCATION	REMOVAL OF CURB AND GUTTER (1)	REMOVAL OF CONCRETE PAVEMENT 619(B)	REMOVAL OF ASPHALT PAVEMENT 619(B)	REMOVAL OF CONCRETE MEDIAN BARRIER (1)	REMOVAL OF CONCRETE DIVIDING STRIP (1)	SAWING PAVEMENT (1)
	L.F.	S.Y.	S.Y.	L.F.	S.Y.	L.F.
CRL I-240						
396+00.00 TO 411+00.00			7,291.88	775.33		2,485.34
433+00.00 TO 452+00.00	455.29	6,251.42	5,096.92	310.36	25.07	440.88
CL I-35						
65+00.00 TO 73+00.00	179.92	74.58	3,103.26			32.33
73+00.00 TO 88+00.00	2,332.62	1,632.65	11,664.84	1,361.53		4,858.53
TOTALS	**2,967.83**	**7,958.65**	**27,156.90**	**2,447.22**	**25.07**	**7,817.08**

(1) QUANTITY SHOWN IS FOR INFORMATION PURPOSES ONLY.
SEE GENERAL NOTE 3 THIS SHEET

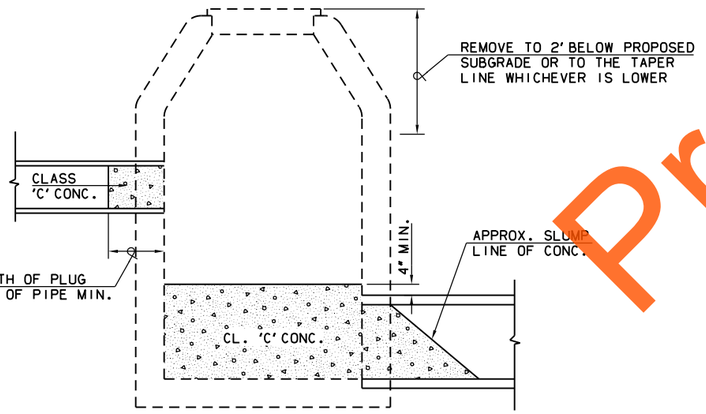


NOTE:
ALL PIPE LINES ABANDONED AND LEFT IN PLACE BY OTHERS AND STORM SEWERS, SANITARY SEWERS AND WATER LINES WHICH ARE ABANDONED UNDER THIS CONTRACT, SHALL BE REMOVED TO THE LIMITS OF CONSTRUCTION IN EXCAVATION SECTIONS AND PLUGGED AS SHOWN. IN EMBANKMENT SECTIONS "ABANDONED" SANITARY SEWER LINES (UNLESS OTHERWISE NOTED ON PLANS) AND WATER LINES "PLACED OUT OF SERVICE" SHALL BE PLUGGED AT BOTH ENDS. STORM SEWER, A PART OF WHICH WILL REMAIN IN SERVICE, SHALL BE PLUGGED AT THE R/W LINE. WHERE NOTED, THE EXISTING ABANDONED SANITARY SEWER LINES SHALL BE COMPLETELY FILLED WITH CLSM.

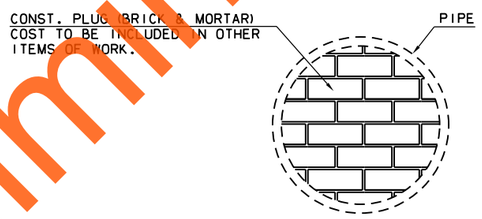


METHOD OF PLUGGING ABANDONED PIPE LINES

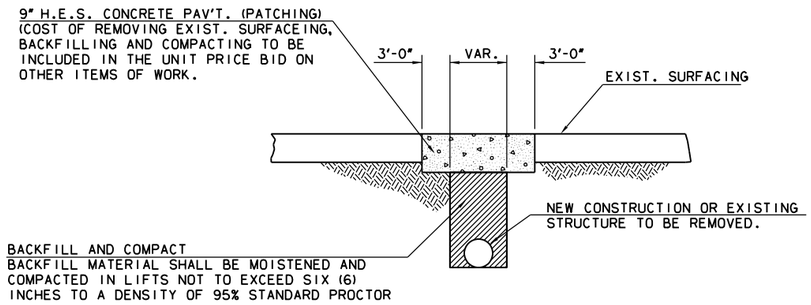
(COST OF PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID ON OTHER ITEMS OF WORK.)



DETAIL OF REMOVAL OF MANHOLES, JUNCTION BOXES & INLETS



DETAIL OF TEMPORARY PIPE PLUG



PATCHING DETAIL

(WHERE IT IS NECESSARY TO CUT EXISTING SURFACING FOR REMOVAL OR CONSTRUCTION OF AN UNDERGROUND FACILITY)

GENERAL NOTES

1. ALL MATERIALS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE.
2. CLASS 'C' CONCRETE SHALL BE PLACED IN THE BOTTOM OF EACH MANHOLE AS SHOWN. MANHOLE THEN SHALL BE REMOVED TO DEPTH SPECIFIED AND BACK-FILLED IN ACCORDANCE WITH SEC. 619, OR FILLED WITH BRICK, BROKEN CONCRETE AND LOOSE SAND IN A MANNER TO ELIMINATE ALL VOIDS IN A MANNER APPROVED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR CLASS 'C' CONCRETE.
3. PRICE BID SHALL INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL OF CURB, CURB & GUTTER, SIDEWALK, DRIVEWAYS, PAVEMENT SAWING, CONCRETE DITCH LINER, CONCRETE FLUMES, CONCRETE RUBBLE, CONCRETE DIVIDING STRIP, FOOTINGS, FOUNDATIONS, PITS, WING WALLS, STRUCTURES, STORM SEWERS, MANHOLES, PIPELINES, LIGHT POLES, FENCES, GUARDRAIL, POLES, SHEET METAL SIGNS, ETC., AND ANY OTHER NON-ORGANIC ITEM NOT SPECIFICALLY LISTED AS A REMOVAL PAY ITEM SHALL BE INCLUDED IN PRICE BID FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS.
4. INTEGRAL CURB REMOVED W/CONCRETE PAVING SHALL BE INCLUDED IN THE PRICE BID FOR REMOVAL OF CONCRETE PAVING S.Y.
5. ALL SALVAGE MATERIALS BELONGING TO THE CITY OF OKLAHOMA CITY SHALL BE DELIVERED TO THE OKC TRAFFIC OPERATIONS YARD, 1400 S. SHARTEL, OKLA. CITY, OK 405-297-2648
6. CONCRETE RAIL REMOVED WITH EXISTING RETAINING WALL SHALL BE INCLUDED IN THE PRICE BID FOR REMOVAL OF RETAINING WALL L.F..

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY SHEET
(SHEET 2 OF 5)

STATE JOB NO. 09032(07) SHEET NO. AR04

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	STATION	OFFSET	DESCRIPTION	ROADWAY STANDARDS	UNCLASSIFIED EXCAVATION	STRUCTURAL EXCAVATION UNCLASSIFIED	CLASS AA CONCRETE	REINFORCING STEEL	MANHOLE	ADD'L. DEPTH MANHOLE	INLET LONG. BARRIER 611(G) TYPE 1	INLET LONG. BARRIER 611(G) TYPE 2	ADD'L DEPTH INLET LONG. BARRIER TYPE 1	ADD'L DEPTH INLET LONG. BARRIER TYPE 2	INLET CI DES.	ADD'L DEPTH IN INLET	INLET W/ LRG. JCT. BOX CI DES.	ADD'L DEPTH IN INLET W/ LRG. JCT. BOX CI DES.
					202(A)	501(A)	509(A)	511(A)	611(A) 4'	4'	DES 2	DES 2	DES 2	DES 2	3(STD.)	3(STD.)	611(G) DES 3	DES 3
					CY	CY	CY	LB	EA	VF	EA	EA	VF	VF	EA	VF	EA	VF
CD2	CL I-240 STA. 419+63.94	4.67' LT.	EXTEND EXIST. 10' X 5' RCB 75' LG. LT.	RCB-C1-10(2-14), SBI-5	888.89	11.11	90.75	16605										
EB1	CL I-240 STA. 416+25.00	1.06' RT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4							1		2.60					
			TO STR. WB10															
EB2	CL I-240 STA. 417+50.00	1.06' RT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4							1		2.66					
			TO STR. WB12															
EB3	CL I-240 STA. 418+75.00	1.06' RT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4									2.66					
			TO STR. WB14															
EB4	CL I-240 STA. 421+50.00	1.56' RT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4							1		2.66					
			TO STR. WB19															
EB5	CL I-240 STA. 423+00.00	3.54' RT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 5.10' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4							1		2.87					
			TO STR. WB22															
EB6	CL I-240 STA. 423+00.00	1.06' RT.	CONST. ILB TYPE 2 DES. 2 W/ 18" X 91.21' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4, CET4S-4								1		3.69				
			W/ CET TO OUTLET															
EB7	DELETED																	
WB4	CL I-240 STA. 403+50.00	CL	CONST. ILB TYPE 2 DES. 2 W/ 22" X 13" X 253.85' LG.	CLB-2, SPI-5, PBB-1, FHTCP-4								1		1.58				
			RCPA TO EXIST. RCB															
WB5	CL I-240 STA. 406+50.00	1.06' LT.	CONST. ILB TYPE 1 DES. 2 W/ 18" X 20.37' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4							1		4.49					
			TO EXIST. RCB															
WB6	CL I-240 STA. 408+00.00	CL	CONST. ILB TYPE 2 DES. 2 W/ 18" X 144.63' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4								1		2.66				
			TO STR. WB5															
WB8	CL I-240 STA. 414+00.00	CL	CONST. ILB TYPE 2 DES. 2 W/ 18" X 220.34' LG. RCP	CLB-2, SPI-5, PBB-1, FHTCP-4								1		1.96				
			TO STR. WB10															
			SHEET TOTAL:		888.89	11.11	90.75	16605			6	4	17.94	9.89				
										(1)			(1)	(1)		(1)		(1)

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	INLET FRAME & GRATE TYPE B	INLET FRAME & GRATE TYPE C	CAST IRON HOODS 4" MOUNT	REINFORCED CONCRETE PIPE CLASS III 613(A) 18"	24"	30"	R.C. PIPE ARCH CLASS III 613(A) 22" X 13"	28" X 18"	CULVERT END TREATMENT 613(M) A4	PREFAB. CULVERT END SEC., ROUND 613(L) 30"	STANDARD BEDDING MATERIAL, B	STANDARD BEDDING MATERIAL, C	TRENCH EXCAVATION
	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	CY	CY	CY
CD2													
EB1	2			3.4								0.9	1.4
EB2	2			3.4								0.9	1.5
EB3	2			3.4								0.9	1.4
EB4	2			3.4								0.9	1.5
EB5	2			5.1								0.9	1.5
EB6	4			91.21								25.0	33.1
EB7													
WB4	4						253.85				68.8		160.6
WB5	2			20.37							5.6		11.9
WB6	4			144.63							39.6		61.1
WB8	4			220.34								60.4	107.9
	28			495.25			253.85		1		114	89.9	381.9
	(1)	(1)	(1)								(1)	(1)	(1)

(1) QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. COST OF THESE ITEMS ARE INCLUDED IN OTHER ITEMS BID.

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY SHEET
(SHEET 3 OF 5)

STATE JOB NO. 09032(07) SHEET NO. AR05

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	STATION	OFFSET	DESCRIPTION	ROADWAY STANDARDS	UNCLASSIFIED EXCAVATION	STRUCTURAL EXCAVATION UNCLASSIFIED	CLASS AA CONCRETE	REINFORCING STEEL	MANHOLE	ADD'L. DEPTH MANHOLE	INLET LONG. BARRIER 611(G) TYPE 1	INLET LONG. BARRIER 611(G) TYPE 2	ADD'L DEPTH INLET LONG. BARRIER TYPE 1	ADD'L DEPTH INLET LONG. BARRIER TYPE 2	INLET CI DES.	ADD'L DEPTH IN INLET	INLET W/ LRG. JCT. BOX CI DES.	ADD'L DEPTH IN INLET W/ LRG. JCT. BOX CI DES.
					202(A)	501(A)	509(A)	511(A)	611(A) 4'	4'	DES 2	DES 2	DES 2	DES 2	3(STD.)	3(STD.)	611(G) DES 3	DES 3
					CY	CY	CY	LB	EA	VF	EA	EA	VF	VF	EA	VF	EA	VF
WB10	CL I-240 STA. 416+25.00	5.00' LT.	CONST. 4.0' DIA. MH W/ 18" X 120.95' LG. RCP TO STR. WB12	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	2.24								
WB12	CL I-240 STA. 417+50.00	5.00' LT.	CONST. 4.0' DIA. MH W/ 18" X 120.89' LG. RCP TO STR. WB14	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	4.00								
WB13	CL I-240 STA. 418+75.00	63.00' LT.	CONST. 4.0' DIA. MH W/ 24" X 77.37' LG. RCP TO STR. CD2	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	7.12								
WB14	CL I-240 STA. 418+75.00	5.00' LT.	CONST. 4.0' DIA. MH W/ 24" X 54.00' LG. RCP TO STR. WB13	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	5.5								
WB17	CL I-240 STA. 420+00.00	7.75' LT.	CONST. 4.0' DIA. MH W/ 18" X 120.89' LG. RCP TO STR. WB14	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	0.9								
WB18	CL I-240 STA. 420+00.00	CL	CONST. ILB TYPE 2 DES. 2 W/ 18" X 3.42' LG. RCP TO STR. WB17	CLB-2, SPI-5, PBB-1, FHTCP-4								1		2.66				
WB19	CL I-240 STA. 421+50.00	5.00' LT.	CONST. 4.0' DIA. MH W/ 18" X 145.85' LG. RCP TO STR. WB17	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	0.60								
WB22	CL I-240 STA. 423+00.00	5.00' LT.	CONST. 4.0' DIA. MH W/ 18" X 145.86' LG. RCP TO STR. WB19	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	1.01								
D1	BL RAMP D STA. 87+30.25	4.60' RT.	CONST. 4.0' DIA. MH ON EXIST. RCP W/ 18" X 127.79' LG. RCP TO STR. D2	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	0.12								
D2	BL RAMP D STA. 85+99.00	16.50' RT.	CONST. 4.0' DIA. MH W/ 18" X 144.33' LG. RCP TO STR. D3	MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4					1	0.35								
D3	BL RAMP D STA. 84+50.00	10.00' RT.	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/ 28" X 18" X 297.2' LG. RCPA TO STR. D4	CI-2, MJB-4, MFC-5, SPI-5, PBB-1, FHTCP-4													1	1.98
D4	BL RAMP D STA. 81+48.00	10.00' RT.	CONST. CI DES. 3(STD) W/ 28" X 18" X 42.5' LG. RCPA TO EXIST. RCB	CI-2, SPI-5, PBB-1, FHTCP-4											1	1.93		
			SHEET TOTAL:						9	23.05		1		2.66	1	1.93	1	1.98
										(1)			(1)	(1)		(1)		(1)

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	INLET FRAME & GRATE TYPE B	INLET FRAME & GRATE TYPE C	CAST IRON HOODS 4" MOUNT	R.C. PIPE CLASS III 613(A) 18"	24"	30"	R.C. PIPE ARCH CLASS III 613(A) 22" X 13"	28" X 18"	CULVERT END TREATMENT 613(M) A4	PREFAB. CULVERT END SEC., ROUND 613(L) 30"	STANDARD BEDDING MATERIAL, B	STANDARD BEDDING MATERIAL, C	TRENCH EXCAVATION
	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	CY	CY	CY
WB10				120.95								47.7	115.6
WB12				120.89								47.6	95.6
WB13					77.37							40.9	75.7
WB14					54.0							20.8	32.6
WB17				120.89								33.1	39.7
WB18	4			3.42								0.9	1.3
WB19				145.85								40.0	47.9
WB22				145.86								40.0	57.5
D1				127.79							35.0		62.3
D2				144.33								56.9	116.6
D3	2	2	4					297.2				147.7	322.7
D4	2	2	4					42.5			15.9		19.5
	8	4	8	929.98	131.37			339.7			50.9	475.6	987
	(1)	(1)	(1)								(1)	(1)	(1)

(1) QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. COST OF THESE ITEMS ARE INCLUDED IN OTHER ITEMS BID.

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY SHEET
(SHEET 4 OF 5)

STATE JOB NO. 09032(07) SHEET NO. AR06

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	STATION	OFFSET	DESCRIPTION	ROADWAY STANDARDS	UNCLASSIFIED EXCAVATION	STRUCTURAL EXCAVATION UNCLASSIFIED	CLASS AA CONCRETE	REINFORCING STEEL	MANHOLE	ADD'L. DEPTH MANHOLE	INLET LONG. BARRIER 611(G)		ADD'L DEPTH INLET LONG. BARRIER		INLET CI DES.	ADD'L DEPTH IN INLET	INLET W/ LRG. JCT. BOX CI DES.	ADD'L DEPTH IN INLET W/ LRG. JCT. BOX CI DES.
									611(A)		TYPE 1	TYPE 2	TYPE 1	TYPE 2	611(G)		611(G)	
					202(A)	501(A)	509(A)	511(A)	4'	4'	DES 2	DES 2	DES 2	DES 2	3(STD.)	3(STD.)	DES 3	DES 3
					CY	CY	CY	LB	EA	VF	EA	EA	VF	VF	EA	VF	EA	VF
D5	BL RAMP D STA. 79+50.00	10.00' RT.	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/	CI-2, MJB-4, MFC-5, SPI-5, PBB-1,													1	0.75
			18" X 141.12' LG. RCP TO EXIST. RCB	FHTCP-4														
D6	BL RAMP D STA. 77+98.00	10.00' RT.	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/	CI-2, MJB-4, MFC-5, SPI-5, PBB-1,													1	1.25
			22" X 13" X 188.23' LG. RCPA TO EXIST. RCB	FHTCP-4														
D7	BL RAMP D STA. 67+62.54	CL	CONST. 30" X 212.14' LG. RCP W/ PCES EACH END @	SPI-5, PBB-1. PCES-5, FHTCP-4														
			STA. 67+47.75, 62.00' LT. & STA. 68+67.00, 131.5' RT.															
SHEET TOTAL:																	2	2
GRAND TOTAL:					888.89	11.11	90.75	16605	19	23.0	6	5	17.94	12.55	1	1.93	3	3.98
										(1)			(1)	(1)		(1)		(1)

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	INLET FRAME & GRATE TYPE B	INLET FRAME & GRATE TYPE C	CAST IRON HOODS 4" MOUNT	R.C. PIPE CLASS III 613(A) 18"	R.C. PIPE CLASS III 613(A) 24"	R.C. PIPE CLASS III 613(A) 30"	R.C. PIPE ARCH CLASS III 613(A) 22" X 13"	R.C. PIPE ARCH CLASS III 613(A) 28" X 18"	CULVERT END TREATMENT 613(M) A4	PREFAB. CULVERT END SEC., ROUND 613(L) 30"	STANDARD BEDDING MATERIAL, B	STANDARD BEDDING MATERIAL, C	TRENCH EXCAVATION
	EA	EA	EA	LF	LF	LF	LF	LF	EA	EA	CY	CY	CY
D5	2	2	4	141.12								38.7	73.1
D6	2	2	4				188.23					51.0	92.2
D7						212.14				2		100.6	163.7
	4	4	8	141.12		212.14	188.23			2		190.3	329
	40	8	16	1566.35	131.37	212.14	442.08	339.7	1	2	164.9	755.8	1897.9
	(1)	(1)	(1)								(1)	(1)	(1)

(1) QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. COST OF THESE ITEMS ARE INCLUDED IN OTHER ITEMS BID.

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SUMMARY SHEET
(SHEET 5 OF 5)

STATE JOB NO. 09032(07) SHEET NO. AR07

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

PAY QUANTITY NOTES

(TC-1) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES, AND PROVIDE FLAGGERS NECESSARY FOR THE CONTROL, SAFETY, AND MAINTENANCE OF TRAFFIC WHEN INSTALLING, RELOCATING OR DELIVERING PORTABLE LONGITUDINAL BARRIER.

(TC-2) QUANTITY INCLUDES SUFFICIENT LENGTH OF PORTABLE LONGITUDINAL BARRIER TO PROVIDE FOR THE LONGEST SECTION SHOWN ON THE PLANS. THIS SAME BARRIER WILL BE USED ON OTHER DETOUR PHASES.

(TC-16) PAINT SHALL CONFORM TO SECTION 711 "TRAFFIC STRIPE", OF THE O.D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).

IF CONSTRUCTION TRAFFIC STRIPE PAINT IS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND FAILS DURING THE FIRST SIX MONTHS OF SERVICE, REPLACEMENT WILL BE MADE AT THE CONTRACTOR'S EXPENSE AND SHALL BE ACCOMPLISHED IN A TIMELY MANNER UPON NOTIFICATION BY THE ENGINEER OF SUCH FAILURE

(TC-17) INCLUDES AN ESTIMATED 15,684.00 L.F. (PAINT) (4" WIDE) WHITE 15,782.00 L.F. (PAINT) (4" WIDE) YELLOW STRIPE.

(TC-20) ALL STRIPING TO BE PLACED ON TEMPORARY SURFACES OR ON SURFACES SCHEDULED TO BE REMOVED SHALL BE DONE WITH PAINT UNLESS OTHERWISE NOTED ON THE PLANS OR STANDARD DRAWINGS. TEMPORARY PAVEMENT MARKINGS PLACED ON FINISHED PAVEMENT OR EXISTING PAVEMENT TO REMAIN IN PLACE SHALL USE ONE OF THE FOLLOWING METHODS:

REMOVABLE PAVEMENT MARKING TAPE
CLASS A PAVEMENT MARKERS

(TC-21) INCLUDED IN THE COST OF THIS ITEM SHALL BE INSTALLATION, MAINTENANCE, AND REMOVAL. THIS ITEM SHALL BE BID ACCORDINGLY.

(TC-22) AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL SHALL INCLUDE THE COST OF REMOVING STRIPE, ARROWS, WORDS, AND SYMBOLS, AS SHOWN IN THE PLANS, THESE ITEMS MAY CONSIST OF PLASTIC, PAINT OR NON-REMOVABLE MARKING TAPE.

(TC-26) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS AND BARRICADES WHICH ARE SHOWN WITH TYPE 'A' LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

(TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLOURESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION)

THE MANUFACTURER SHALL FURNISH A TYPE 'D' CERTIFICATION IN ACCORDANCE WITH O.D.O.T. STANDARD SPECIFICATIONS (CURRENT EDITION) SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON MATERIAL SUBMITTED FOR APPROVAL.

(TC-52) ANY USED CONSTRUCTION ZONE IMPACT ATTENUATOR TO BE PLACED ON THIS PROJECT SHALL BE SUBJECT TO INSPECTION AND APPROVAL, BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION, TO ASSURE THAT THEY ARE IN GOOD WORKING CONDITION, PRIOR TO PLACEMENT ON THE PROJECT.

(TC-61) ANY DAMAGE TO A FINISHED OR EXISTING SURFACE RESULTING FROM THE CONTRACTORS NEGLIGENCE IN THE REMOVAL OF CONSTRUCTION ZONE PAVEMENT MARKERS OR CHANNELIZING DEVICES AND THE BITUMINOUS ADHESIVE USED IN THEIR INSTALLATION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.

PAY QUANTITY NOTES (CONT.)

(TC-65) THE PRICE BID FOR THIS ITEM SHALL INCLUDE THE FOLLOWING:

A. ONE OFFICIALLY MARKED OKLAHOMA HIGHWAY PATROL CAR (WHEN POJECT INVOLVES A STATE OR FEDERAL HIGHWAY).IF AN OKLAHOMA HIGHWAY PATROL CAR IS NOT AVAILABLE, THEN A LOCAL OR COUNTY LAW ENFORCEMENT VEHICLE IS TO BE USED. PRICE BID FOR THIS ITEM SHALL BE PAID ON A PER UNIT PER HOUR BASIS.

B. ONE OKLAHOMA HIGHWYA LAW ENFORCEMENT OFFICER WITH JURISDICTIONAL AUTHORITY TO WRITE AND ISSUE TRAFFIC CITATIONS. IF AN OKLAHOMA HIGHWAY PATROL CAR IS NOT AVAILABLE, THEN A LOCAL CITY OR COUNTY LAW ENFORCEMENT OFFICER IS TO BE USED. THE LAW ENFORCEMENT OFFICER SHALL BE INSURED, LICENSED AND BONDED, IF REQUIRED, BY THE CONTRACTOR. THIS OFFICER SHALL BE SPECIFICALLY APPROVED AND ASSIGNED TO THIS WORK ACTIVITY.

C. THE CONTRACTOR SHALL MAKE ALL THE NECESSARY ARRANGEMENTS WITH THE OKLAHOMA HIGHWAY PATROL OR THE LAW ENFORCEMENT AGENCY TO PROVIDE THE REQUIRED LAW ENFORCEMENT ON THIS PROJECT.

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HIS ANTICIPATED WEEKLY SCHEDULE TO THE OKLAHOMA HIGHWAY PATROL OF THE LOCAL LAW AGENCY TWO WEEKS IN ADVANCE OF THE WORK. THE WORK SCHEDULE WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

E. THE OKLAHOMA HIGHWAY PATROL OR THE LOCAL LAW ENFORCEMENT AGENCY WILL BE PAID FOR A MAXIMUM OF ONE (1) HOUR, PER WORK PERIOD, TO ALLOW FOR TRAVEL TO AND FROM THE OFFICER'S PERMANENT DUTY STATION AND THE WORK SITE. THIS WILL BE PAID ONE (1) TIME PER WORK PERIOD AS DEGINED BY THE CONTRACTOR IN THE AGREEMENT WITH THE ENGINEER.

(TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.

(TC-75) TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE THE SAME DAY THAT EXISTING PAVEMENT MARKINGS ARE REMOVED FROM ANY ROADWAY OPEN TO TRAFFIC. ALSO, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING.

(TC-84) 210.00 CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY, BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECTS CONSTRUCTION TRAFIC CONTROL IS MODIFIED DURING CONSTRUCTION

(TC-85) THESE SIGNS MUST BE ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION LIST OF APPROVED CHANGEABLE MESSAGE SIGNS. FOR A LIST OF THE APPROVED SIGNS GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION WEBSITE AT:

PAY ITEM NOTES (TRAFFIC CONTROL)

(1) 210 TOTAL CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAYS ITEMS. THE TOTAL CALENDAR DAYS ARE BROKEN DOWN BY PHASE TO CALCULATE THE SIGN DAYS PAY ITEMS PER PHASE. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY. BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECTS CONSTRUCTION TRAFFIC CONTROL IS MODIFIED DURING CONSTRUCTION THE CALENDAR DAYS PER PHASE ON THIS PROJECT. THE CALENDAR DAYS PER PHASE ON THIS PROJECT ARE AS FOLLOWS:

PHASE 1: 90 DAYS
PHASE 2: 115 DAYS
PHASE 3: 5 DAYS
TOTAL: 210 DAYS

(2) CONSTRUCTION ZONE PAVEMENT MARKERS SHALL BE USED IN CONJUCTION WITH CONSTRUCTION STRIPING PAINT.

GENERAL CONSTRUCTION NOTES

(C-1) ANY SIGNS AND/OR DELINEATORS WHICH ARE TO BE REMOVED DURING THIS PROJECT WILL BE STORED IN A PROTECTED AREA DESIGNATED BY THE RESIDENT ENGINEER, UNTIL SUCH A TIME THAT THEY ARE TO BE RESET BY THE CONTRACTOR. COST OF THIS WORK TO BE INCLUDED IN OTHER ITEMS OF WORK.

(C-2) EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTUCTION PLANS. CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS.

(C-3) THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.

PAY QUANTITES (TRAFFIC OPERATIONS)

0303 TRAFFIC — JP 12345(06)

ITEM NO.		DESCRIPTION		UNIT	QUANTITY
857(A)	9205	CONSTRUCTION TRAFFIC STR. (PAINT)(6" WIDE)	(TC-15, TC-16, TC-17, TC-20, TC-75)	LF	29,795.00
857(F)	9700	PAVEMENT MRKNG. REMOVAL (TRAF. STRP)	(TC-22, TC-70, TC-75)	LF	13,468.00
858(A)	0216	PAVE.MARKERS CLASS A TYPE 2-A	(TC-21, TC-61, TC-70, TC-75)	EA	958.00
858(A)	0228	PAVE.MARKERS CLASS A TYPE 2-D	(TC-21, TC-61, TC-70, TC-75)	EA	1,094.00
871(B)	2300	CONST. ZONE IMPACT ATTEN.	(TC-26, TC-52, TC-84)	SD	840.00
877(B)	4300	DELIVER PORTABLE LONGITUDINAL BARRIER	(TC-1, TC-2)	LF	8,884.00
877(C)	4401	RELOCATION OF PORT. LONGITUDINAL BARRIER	(TC-1)	LF	8,884.00
880(B)	6300	CONSTRUCTION SIGNS 0 TO 6.25 SF	(TC-26, TC-33, TC-84)	SD	2,520.00
880(B)	6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	(TC-26, TC-33, TC-84)	SD	840.00
880(B)	6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF	(TC-26, TC-33, TC-84)	SD	5,250.00
880(C)	6410	CONSTRUCTION BARRICADES (TYPE III)	(TC-26, TC-70, TC-84)	SD	630.00
880(E)	6600	WARNING LIGHTS (TYPE A)	(TC-26, TC-84)	SD	1,470.00
880(F)	6700	DRUMS	(TC-26, TC-70, TC-84)	SD	16,800.00
880(G)	6805	CHANNELIZER CONES	(TC-26, TC-70)	EA	8,000.00
880(L)	7310	TRAFFIC SURVEILLANCE, OHP (Non Biddable)	(TC-65, TC-70)	HR	1,500.00
882	8100	(SP) SMART WORK ZONE SYSTEM	(TC-84)(1)	SD	252.00
882	8105	(SP) SMART WORK ZONE SYS.-PORT.CHNG.MSG.SN	(TC-84)(1)	SD	9,072.00
882	8110	(SP) SMART WORK ZONE SYS.-PORT.TRAF.SENSOR	(TC-84)(1)	SD	6,300.00
882	8115	(SP) SMART WORK ZONE SYS.-PAN-TILT-ZOOM CMRA	(TC-84)(1)	SD	504.00
882	8120	(SP) SMART WORK ZONE SYS.-WEBSITE SYSTEM	(TC-84)(1)	SD	252.00
882	8125	(PL)SMART WORK ZONE SYSTEM SETUP		EA	1.00
882(A)	8210	PORT. CHANGEABLE MESSAGE SIGN	(TC-52, TC-70, TC-84, TC-85)	SD	1,050.00

GENERAL CONSTRUCTION NOTES CON'T

(C-6) THE STRUCTURAL DESIGN OF ALL POLES, MAST ARMS, HIGH-MAST POLES, AND OTHER SUPPORTS FOR SIGNS, LUMINAIRES AND SIGNALS AS WELL AS THEIR CONNECTIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AASHTO *STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS*. THE MANUFACTURER SHALL ENSURE THE FOLLOWING ARE APPLIED TO THE DESIGN:

THE MINIMUM DESIGN WIND SPEED AND DESIGN LIFE AS REQUIRED IN THE AASHTO SPECIFICATIONS;

THE CALCULATED STRESSES AND FORCES FROM THE DESIGN LOADINGS DO NOT EXCEED THOSE REQUIRED IN THE AASHTO SPECIFICATIONS;

A CATEGORY I FATIGUE IMPORTANCE FACTOR (IF) FOR ALL STRUCTURES; NO VIBRATORY MITIGATION SHALL BE ALLOWED. TRUCK-INDUCED GUSTS SHALL BE APPLIED TO ALL OVERHEAD TRAFFIC SIGNAL SUPPORTS.

ALL MEMBERS ARE AT LEAST THE MINIMUM THICKNESS AS REQUIRED IN THE AASHTO SPECIFICATIONS;

LUMINAIRE MAST ARMS SHALL BE DESIGNED TO SUPPORT AT LEAST A 50 LB. (22.7 KG) LUMINAIRE WITH AN EFFECTIVE PROJECTED AREA OF 2.5 SQ.FT. (0.23 SQ.M.); THE ANCHOR BOLT DESIGN AND AMOUNT OF ANCHOR BOLTS TO BE USED SHALL BE AS REQUIRED IN THE AASHTO SPECIFICATIONS.

SIGNAL MAST ARMS AND POLES SHALL BE DESIGNED FOR SPECIFIC SIGNAL HEAD AND SIGN PLACEMENT.

UNLESS SITE SPECIFIC GEOTECHNICAL DATA IS AVAILABLE, FOUNDATIONS SHALL BE DESIGNED UTILIZING THESE PARAMETERS; SHEAR STRENGTH OF COHESIVE SOIL (C) OF 500 PSF, ANGLE OF INTERNAL FRACTION (Φ) OF 22 DEGREES, AND EFFECTIVE UNIT WEIGHT OF SOIL (Γ) OF 120 PCF.

(C-155) THE CONTRACTOR SHALL BE RESOPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES: THE "OKIE" NOTIFICATION CENTER 811 OR 1-800-522-6543 OR WWW.CALLOKIE.COM OR THE LOCAL COUNTY CLERK'S OFFICE.

DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Preliminary

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

SUMMARY OF PAY QUANTITIES (TRAFFIC OPERATIONS)

STATE JOB NO. 09032(07) SHEET NO. AT01

6/29/2023 2:26:37 PM
H:\PROJECTS\2789.CrossRoads_Phase_3\Roadway\Drawings\0903207-Phase 3_PAY_QUANTITIES_TRAFF_CONTROL.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

GENERAL CONSTRUCTION NOTES

ANY SIGNS AND/OR DELINEATORS WHICH ARE TO BE REMOVED DURING THIS PROJECT WILL BE STORED IN A PROTECTED AREA DESIGNATED BY THE RESIDENT ENGINEER UNTIL SUCH A TIME THAT THEY ARE TO BE RESET BY THE CONTRACTOR. COST OF THIS WORK TO BE INCLUDED IN OTHER ITEMS OF WORK.

EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTRUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS. CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS.

ALL BROKEN CONCRETE INCLUDING OLD SIGN FOOTINGS WITH STUBS, WASTE MATERIAL AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT SHALL BE MADE FOR THE DISPOSAL OF THIS MATERIAL. ANY PIPE POST OR WIDE FLANGE POST ABOVE THE OLD SIGN FOOTINGS SHALL BE CUT AND HANDLED AS PROPERTY OF THE STATE AND SHALL BE NEATLY STACKED ON THE JOB SITE, AS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME AS DISTRICT PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.

NO SPLICES SHALL BE PERMITTED IN ANY PIPE OR WIDE FLANGE SIGN POSTS.

ALL ANCHOR BOLTS SHALL BE GRADE A-36 STEEL.

THE LOCATIONS OF THE SIGN PLACEMENT, AS SHOWN ON THE PLAN SHEETS, ARE APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH DEPARTMENT STANDARDS AND THE MUTCD IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.

POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE, EXACT LENGTH SHALL BE DETERMINED BY FIELD SURVEY BY THE CONTRACTOR.

ALL EXISTING AND NEW BREAKAWAY SIGN POST, PIPE AND WIDE FLANGE BEAMS SHALL HAVE SHEET METAL BOLT RETAINER PLATES AS SPECIFIED IN O.D.O.T. STD. FGS1-1-(LATEST REVISION). REPLACEMENT COST OF MISSING OR DAMAGED BOLT RETAINER PLATES AND ALL ASSOCIATED HARDWARE AND LABOR SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

ALL REMOVED SIGNS, SIGN POSTS, BOLTS, MISCELLANEOUS HARDWARE, AND DELINEATORS SHALL REMAIN THE PROPERTY OF THE STATE. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME AS DISTRICT PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.

ALL SIGNS SHALL BE REMOVED FROM THE POSTS IN A SALVAGEABLE MANNER FOR REUSE. CARE SHALL BE TAKEN DURING REMOVAL AND TRANSPORTING TO ALLEVIATE DAMAGE OF MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING REMOVAL OF SIGNS, AND SIGN POSTS.

FOR NEW OR EXISTING GROUND MOUNTED SIGNS MAXIMUM STUB POST PROJECTION ABOVE FOOTING/GROUND LINE SHALL BE 1 3/4" + 1/4" MAXIMUM FOOTING PROJECTION ABOVE GROUND LINE SHALL BE NO MORE THAN 2". SHOULD ADDITIONAL SOIL BE REQUIRED, THE ENGINEER WILL DESIGNATE AN AREA TO OBTAIN ADDITIONAL SOIL. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

DETAILS FOR MOUNTING SIGNS TO OVERHEAD STRUCTURES SHALL BE APPROVED BY THE ENGINEER AND SUBMITTED WITH SHOP DRAWINGS FOR OVERHEAD STRUCTURES. NO MOUNTING HOLES SHALL BE PERMITTED IN OVERHEAD STRUCTURES UPRIGHT MEMBERS.

CONTRACTOR SHALL PROVIDE THE ENGINEER A MINIMUM OF SEVEN (7) DAYS ADVANCE NOTICE FOR INSTALLATION OF OVERHEAD SIGN STRUCTURES AND OVERHEAD SIGNS. INSTALLATION SHOULD PREFERABLY BE ACCOMPLISHED ON SUNDAY BETWEEN 7:00 A.M. AND 10:00 A.M.

SYMBOLS AND LEGENDS ARE DIAGRAMMATIC ONLY AND LOCATIONS SHALL BE ADJUSTED FOR EXISTING FIELD CONDITIONS, BUT NO MAJOR ALTERATIONS OR RELOCATIONS WILL BE MADE WITHOUT FIRST CONSULTING WITH THE TRAFFIC ENGINEERING DIVISION AT (405)521-2861.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

ALL BROKEN CONCRETE, WASTE MATERIAL, AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC.... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:
THE "OKIE" NOTIFICATION CENTER 811 OR (405)522-6543 OR WWW.CALLOKIE.COM OR THE LOCAL COUNTY CLERK'S OFFICE.

PAY QUANTITY NOTES

(1) PAY ITEM IS FOR THE COMPLETE INSTALLATION OF 3 IMPACT ATTENUATOR PADS FOR 70 MPH DESIGN VELOCITY IN ACCORDANCE WITH ODOT STANDARD DRAWING IA1-1-00. THE QUANTITES PER PAD ARE 6.83 CY OF CLASS "C" CONCRETE, 281 LBS. OF REINFORCING STEEL AND 19 SAND FILLED IMPACT ATTENUATOR MODULES.

(2) PAY ITEM IS FOR THE INSTALLATION OF FOOTINGS FOR TWO (2) TYPE B AND ONE (1) TYPE C NEW MONOTUBE OVERHEAD SIGN STRUCTURES, AS SHOWN IN THE PLANS. THE FOOTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SIGN SUMMARY SHEET AND THE M1-M7 DETAIL SHEETS PROVIDED BY THE BRIDGE DIVISION OF ODOT AND INCLUDED IN THE PLANS.

(3) ITEM SHALL CONSIST OF CLASS A RAISED PAVEMENT MARKER WITH CRYSTAL (WHITE) REFLECTOR ON ONE SIDE AND RED REFLECTOR ON OPPOSITE SIDE.

(4) ITEM SHALL CONSIST OF CLASS A RAISED PAVEMENT MARKER WITH AMBER (YELLOW) REFLECTORS ON BOTH SIDES.

(TP-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2019 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

(TS-25) QUANTITY SHOWN INCLUDES 10,885 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (WHITE), 6,126 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) AND 827 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (BLACK) AND WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.

(TS-26) QUANTITY SHOWN INCLUDES 1,427 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (WHITE) AND 0 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF EIGHT INCH (8") WIDE TRAFFIC STRIPE.

(TS-27) QUANTITY SHOWN INCLUDES 2,858 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (WHITE) AND 0 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) AND 638 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (BLACK) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWELVE INCH (12") WIDE TRAFFIC STRIPE.

(TS-32) THE AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE) SHALL INCLUDE COST OF REMOVAL OF ARROWS, WORDS, AND SYMBOLS. THE PAVEMENT MARKING TO BE REMOVED SHALL BE CONSIDERED THERMOPLASTIC AND BID ACCORDINGLY.

(TS-33) INCLUDED IN THIS PAY ITEM IS ALL HARDWARE ASSOCIATED WITH PROPERLY ANCHORING AND MOUNTING THE HIGHWAY SIGN IN ACCORDANCE WITH O.D.O.T. PLANS AND STANDARD DRAWINGS SSA1-1 AND SSP1-1- (LATEST REVISION).

(TS-36) PRICE BID FOR SAND FILLED IMPACT ATTENUATOR(S) SHALL INCLUDE THE COST FOR OM1-1 OR OM1-3 SIGN(S) WITH TYPE VIII SHEETING, AND THE REMOVAL OF ANY OM-3 OR OM-3E SIGN(S), POST(S) AND FOOTING(S), IF PRESENT, AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION ACCORDING TO PERTINENT O.D.O.T. STANDARD DRAWINGS.

PAY QUANTITIES

JP #09032(07)
0300 TRAFFIC SIGNING & STRIPING

ITEM	DESCRIPTION		UNIT	TOTAL
509(D) 0500	CLASS C CONCRETE	(1)	CY	20.49
511(A) 2200	REINFORCING STEEL	(1)	LB	843.00
516(A) 8240	DRILLED SHAFT 60" DIAMETER	(2)	LF	175.00
804(A) 2200	STRUCTURAL CONCRETE	(TP-1)	CY	1.44
804(B) 2300	REINFORCING STEEL	(TP-1)	LB	260.00
850(A) 1200	SHEET ALUMINUM SIGNS		SF	156.00
850(B) 1310	EXTRUDED ALUMINUM PANEL SIGNS		SF	65.00
850(B) 1320	EXTR.ALUM.PAN.SGN.(OVRHD SIGNS)		SF	1,758.75
851(A) 2200	4"@13 GALV.STL.WD.FLANGE BM.POST		LF	90.00
851(C) 2420	2 1/4" SQUARE TUBE POST	(TS-33)	LF	244.00
852(D) 3528	OVHD.SN.STR., MONOTUBE TYPE B 90'		EA	2.00
852(E) 3600	OVHD.SN.STR., MONOTUBE TYPE C		EA	1.00
856(A) 8204	TRAFFIC STRIPE (MULTI-POLY.)(6" WIDE)	(TS-25)	LF	17,838.00
856(A) 8208	TRAFFIC STRIPE (MULTI-POLY.)(8" WIDE)	(TS-26)	LF	1,427.00
856(A) 8212	TRAFFIC STRIPE (MULTI-POLY)(12" WIDE)	(TS-27)	LF	3,496.00
856(B) 8304	TRAFFIC STRIPE (MULTI-POLY.)(ARROWS)		EA	24.00
856(B) 8308	TRAFFIC STRIPE (MULTI-POLY.)(SYMBOLS)		EA	1.00
857(F) 9700	PAVEMENT MRKNG.REMOVAL(TRAF.STRP)	(TS-32)	LF	2500.00
858(A) 0224	PAVE.MARKERS CLASS A TYPE 2-C	(3)	EA	71.00
858(A) 0228	PAVE.MARKERS CLASS A TYPE 2-D	(4)	EA	23.00
870(A) 1100	SAND FILLED IMPACT ATTEN.MODULE	(TS-36)(1)	EA	57.00

Preliminary Plans

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER
R. WAYNE RUSSELL
16030
OKLAHOMA

Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 - Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

Design	RWR	6/28/2023
Drawn	CCC	6/28/2023

TEC A CLEAR DIRECTION

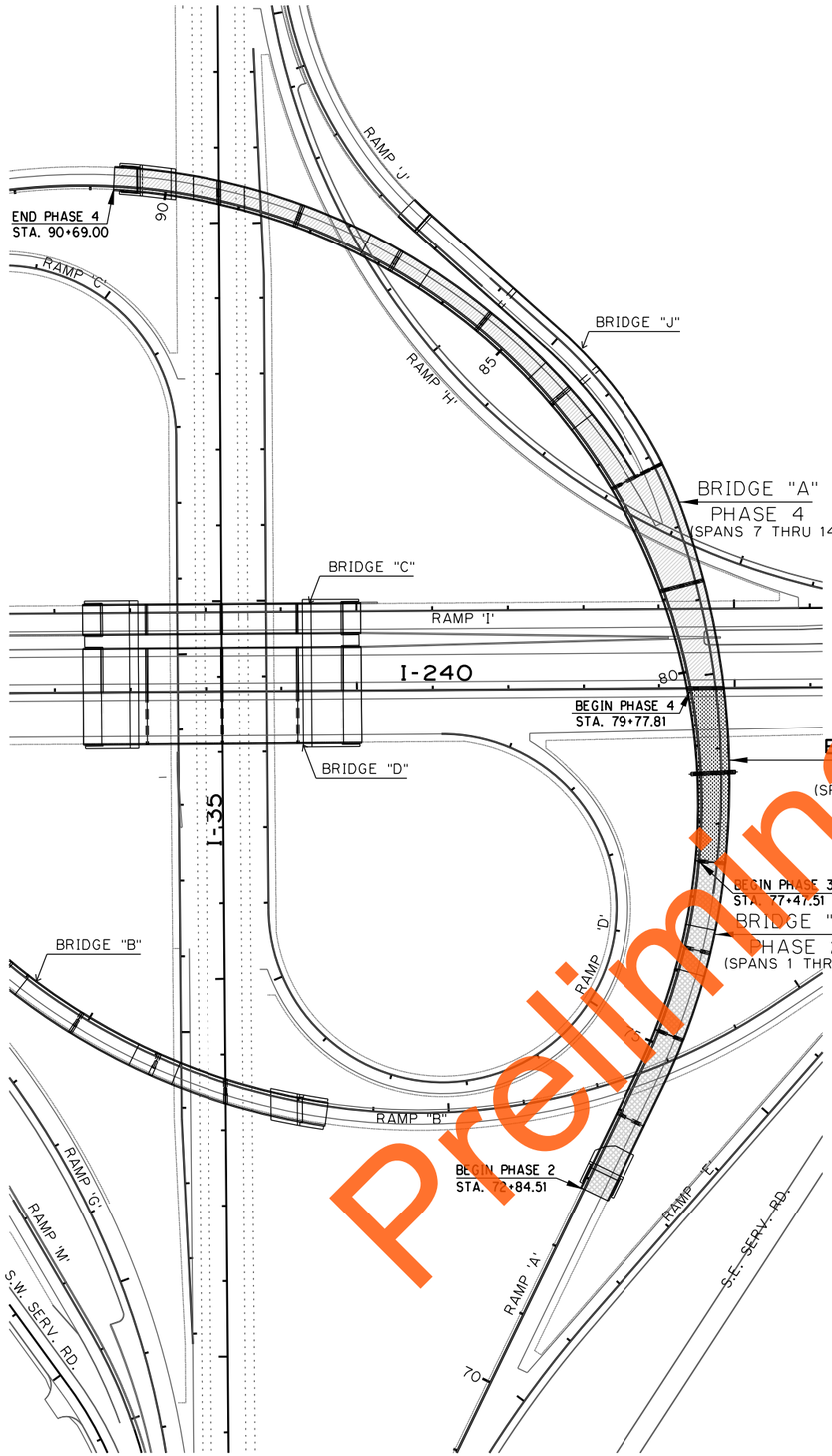
SIGNING & STRIPING
PAY QUANTITIES & NOTES

State Job No. 09032(07) Sheet No. AT02

OKLAHOMA COUNTY

6/28/2023 G:\OP\Projects\T-2457D Design\I-240-I-35 Phase III - OKC\CAD\AT02-0903207-SIGNING & STRIPING PAY QUANTITIES & NOTES.dgn

REVISIONS		
DESCRIPTION		DATE



100' 0 100' 200'
Horizontal Scale in Feet

BRIDGE "A"
CONSTRUCTION PHASES

BRIDGE "A" PHASE 3 INDEX OF SHEETS

SHEET NO.	DESCRIPTION
AB01	SUMMARY OF PAY QUANTITIES (BRIDGE)
AB02	GENERAL NOTES (BRIDGE)
B001	BRIDGE "A" SEQUENCE MAP AND SHEET INDEX
B002	GENERAL PLAN & ELEVATION
B003	DESIGN DATA AND SUMMARY OF QUANTITIES
B004-B005	FOUNDATION REPORT
B006	SUBSTRUCTURE LAYOUT AND EXCAVATION DIAGRAMS
B007-B012	PIER DETAILS
B013-B015	SUPERSTRUCTURE DETAILS
B016	LONGITUDINAL SECTION & SLAB POURING SEQUENCE
B017-B018	PARAPET LAYOUT
B019	GIRDER BRACING DETAILS
B020-B023	PLATE GIRDER DETAILS
B024	FRAMING PLAN AND DIAPHRAGM DETAILS
B025	BEARING ASSEMBLY DETAILS

2009 BRIDGE STANDARDS

STD.	FSHP-42-2
STD.	EJ-SQ
STD.	EJ-DTL

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

BRIDGE "A" SEQUENCE MAP AND SHEET INDEX

STATE JOB NO. 09032(07) SHEET NO. B001

6/26/2023 4:53:16 PM
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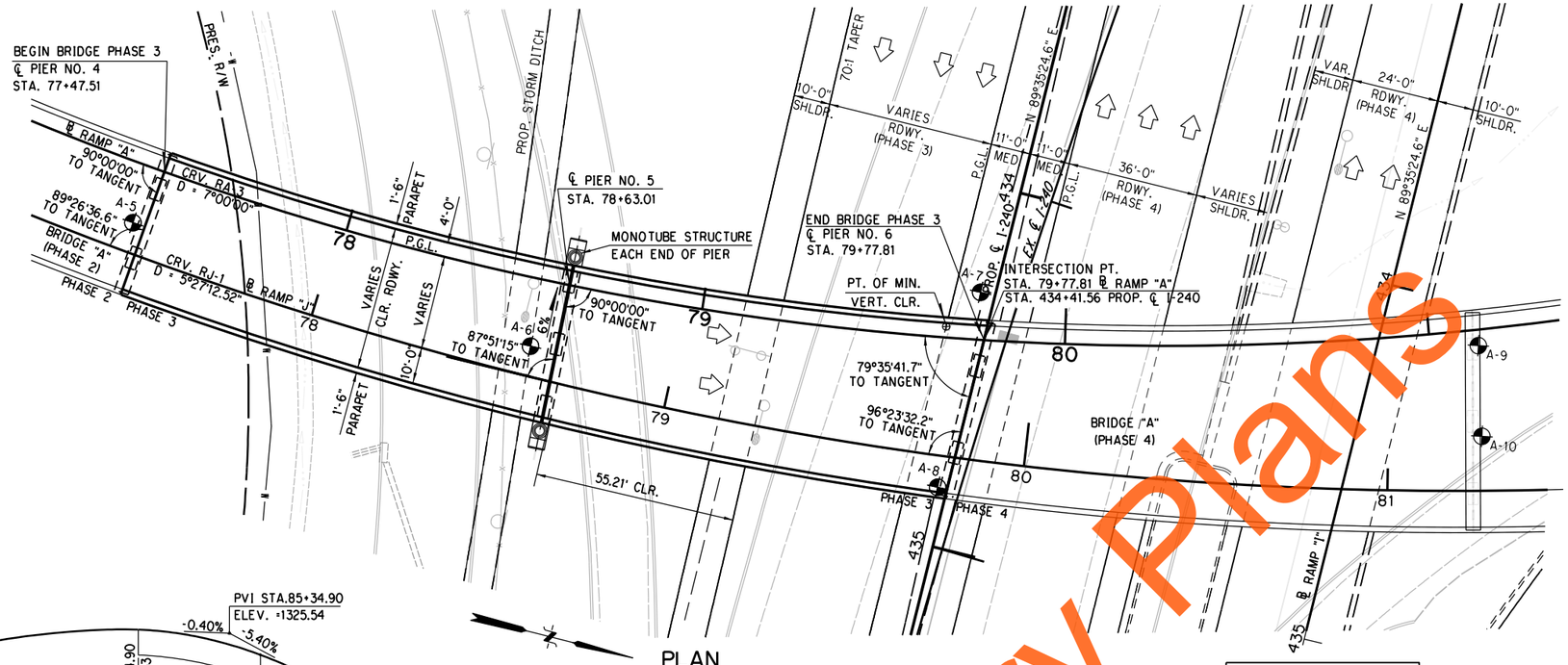
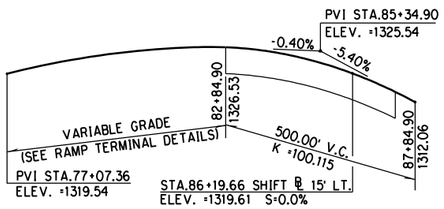
REVISIONS		
DESCRIPTION		DATE

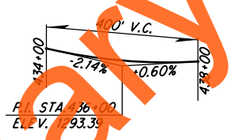


PLAN
SCALE: 1" = 20'-0"

CURVE DATA RA-3, RJ-1
SEE ROADWAY SHEETS:
"GEOMETRIC COORDINATE POINT TABLES"
FOR CURVE DATA.



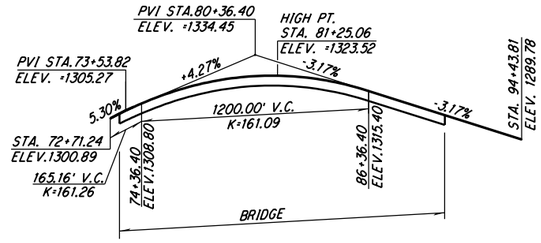
PROFILE GRADE DATA
RAMP "J"



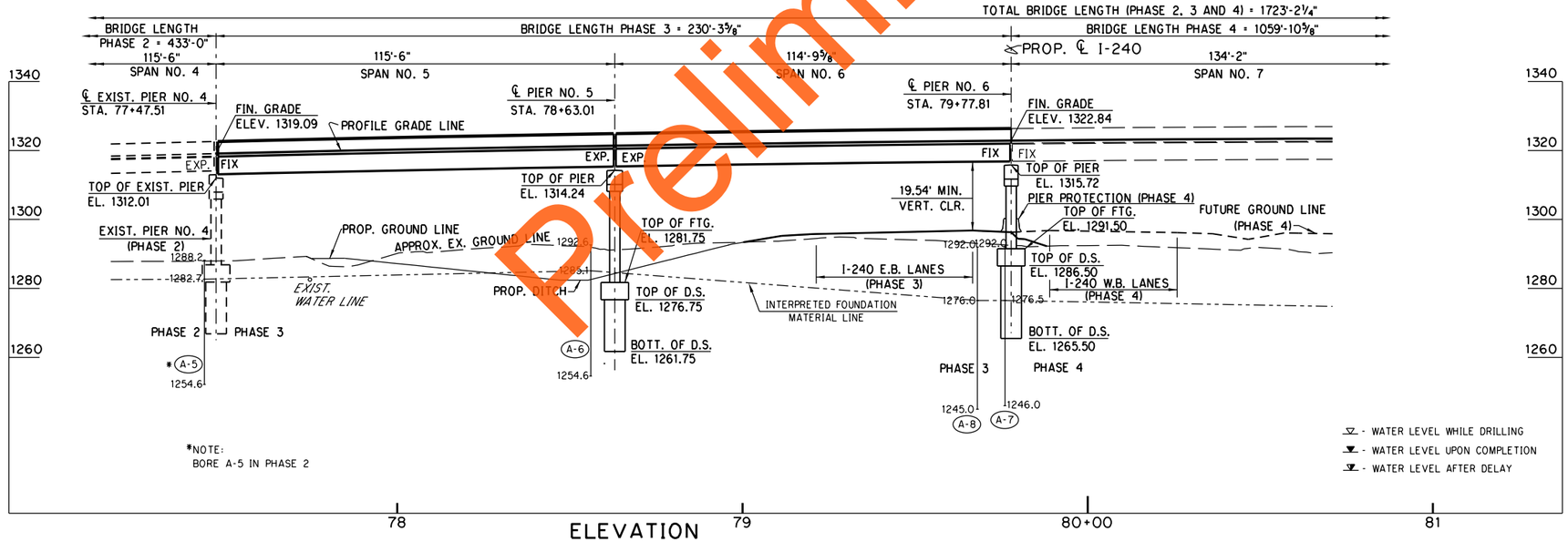
PROFILE GRADE DATA
I-240

BM 57 ~ SQUARE ON TOP OF HEADWALL 388.69' RT. ℄ I-35 STA.84+07.16 ELEV.= 1286.09

BM 36 ~ SQUARE ON SOUTH CURB RETURN AT SE 79TH, NW OF ICE RINK 234.04' RT. ℄ I-35 STA.66+79.07 ELEV.= 1290.63



PROFILE GRADE DATA
RAMP "A"



*NOTE:
BORE A-5 IN PHASE 2

▽ - WATER LEVEL WHILE DRILLING
▼ - WATER LEVEL UPON COMPLETION
▼ - WATER LEVEL AFTER DELAY

ELEVATION
SCALE: 1" = 20'-0"

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

GENERAL PLAN & ELEVATION

℄ STA. 81+76.11 ℄ RAMP "A"
CONSTRUCT 80', 122', (115'-115') CONT., 115', 114', 134', 151', 2(139'-139'), (106'-110') CONT., PLATE GIRDER SPANS
VARIABLE CLEAR ROADWAY W/ 42" F-SHAPED PARAPET
STATE JOB NO. 09032(07) SHEET NO. B002

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REVISIONS		
DESCRIPTION		DATE

DESIGN DATA

DESIGN SPECIFICATIONS:

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION
ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE
ANSI/AWS D1.6 STRUCTURAL WELDING CODE STAINLESS STEEL

UNIT STRESSES:

CLASS AA CONCRETE	F'c = 4,000 PSI
CLASS A CONCRETE	F'c = 3,000 PSI
REINFORCING STEEL (GRADE 60)	Fy = 60,000 PSI
STRUCTURAL STEEL M270 (GRADE 50)	F'y = 50,000 PSI
STAINLESS STEEL A240 (TYPE 316)	Fy = 30,000 PSI

LOADING:

HL-93 OR OKLAHOMA OVERLOAD
20 PSF FUTURE WEARING SURFACE
5 PSF SIP STEEL DECK FORM ALLOWANCE

LRFR OF HL-93 LOADING:

INVENTORY RATING FACTOR = 1.36
OPERATING RATING FACTOR = 1.46

FOUNDATION CAPACITIES

PIERS	PIER 5	PIER 6
DRILLED SHAFT DIAMETER =	72"	72"
DRILLED SHAFT MINIMUM DEPTH INTO ROCK =	15'-0"	10'-0"
FACTORED REACTION =	589 TONS	953 TONS
NOMINAL UNIT BEARING RESISTANCE =	50.00 TSF	50.00 TSF
BEARING RESISTANCE FACTOR =	0.70	0.70
FACTORED BEARING RESISTANCE =	989 TONS	989 TONS
NOMINAL UNIT FRICTION RESISTANCE =	6.4 TSF	7.0 TSF
FRICTION RESISTANCE FACTOR =	0.45	0.45
FACTORED FRICTION RESISTANCE =	542 TONS	326 TONS
DEPTH OF ROCK NEGLECTED FOR FRICTION =	5 FT.	5 FT.
TOTAL FACTORED RESISTANCE =	1531 TONS	1315 TONS

Preliminary Plans

SUMMARY OF BRIDGE QUANTITIES

ITEM	UNIT	PIERS	SUPER STR.	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	55	--	55
SUBSTRUCTURE EXCAVATION ROCK	C.Y.	95	--	95
SAW-CUT GROOVING	S.Y.	--	1065	1065
42" F-SHAPED PARAPET	L.F.	--	462.8	462.8
STRUCTURAL STEEL M270 GRADE 50W	LB.	--	500,180	500,180
STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.	--	11	11
STAINLESS STEEL EXP. BEARING ASSEMBLY	EA.	--	11	11
CLASS AA CONCRETE	C.Y.	--	301.6	301.6
CLASS A CONCRETE	C.Y.	236.2	--	236.2
GRAFFITI TREATMENT	S.F.	--	--	7440
REINFORCING STEEL	LB.	1240	--	1240
EPOXY COATED REINFORCING STEEL	LB.	50,370	70,990	121,360
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	152	601	753
DRILLED SHAFTS 72" DIAMETER	L.F.	87	--	87
CROSSHOLE SONIC LOGGING	EA.	2	--	2
ELASTOMERIC COATING	S.F.	659	--	659
SEALED EXPANSION JOINTS	L.F.	--	42.1	42.1

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PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

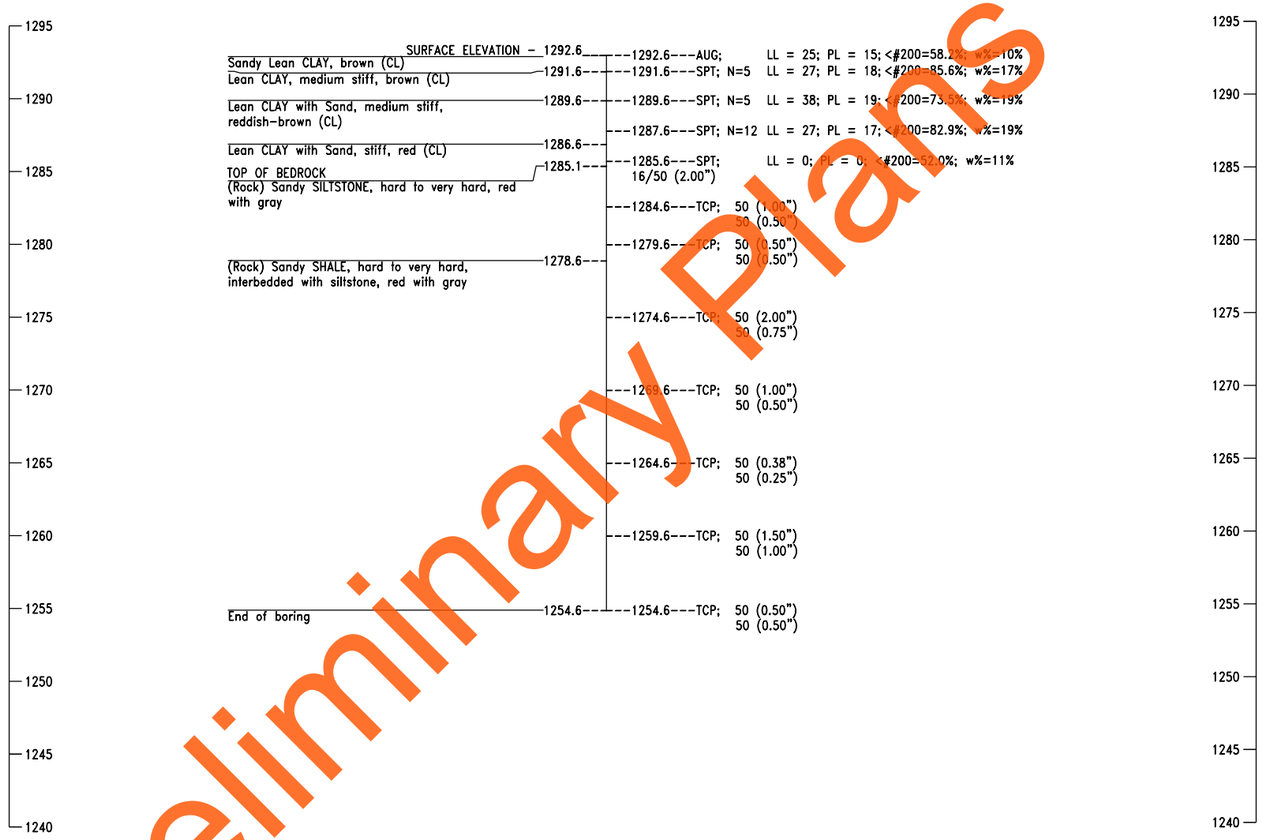
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

DESIGN DATA AND SUMMARY OF QUANTITIES

STATE JOB NO. 09032(07) SHEET NO. B003

REVISIONS		
DESCRIPTION		DATE

Boring Number A-06
Northing: 142783.90
Easting: 2151477.99
Date Drilled: 5/17/2017
18.58' RT. STA. 78+56.04 BL RAMP "A"



Preliminary Plans

GEOLOGIC STATEMENT

"Division Four" of the "Engineering Classification of Geological Materials", published by the Oklahoma Department of Transportation (ODOT) indicates that the site is underlain by the Hennessey Unit (Phy). The geologic unit is described below.

This unit consists of red platy to blocky clay shales and mudstone. The mudstones are hard and appear blocky. The red clay shale of the Hennessey Unit is characterized by numerous bands of streaks of white or light green color ranging from a few inches to four feet in thickness.

The total thickness of the unit is about 400 feet.

The Hennessey Unit outcrops in a 5- to 15-mile north-south band across Grant, Garfield, Kingfisher, Logan, Canadian, and Oklahoma Counties in Division Four. Topographically, the unit is near level to gently rolling and is generally grass covered or cultivated.

GEOTECHNICAL REPORT

All geotechnical information contained on this sheet is covered by the engineering seal affized to an original geotechnical engineering report that has been stamped and sealed by a professional engineer licensed in Oklahoma. To obtain a copy of the complete report, contact the ODOT office engineer at (405) 521-2625. The contractor should be fully aware of the site conditions prior to beginning work. Any additional geotechnical information which may be desired is the responsibility of the contractor.

Note: Water level elevations shown were obtained at the time the borings were drilled and may fluctuate throughout the year.

NOTE: SPT - Split Spoon Sampling
TCP - Texas Cone Penetrator Test
AUG - Augur Cutting Sample
LL - Liquid Limit
PL - Plastic Limit

<#200 - Percent passing #200 sieve
w% - Moisture content
N - Number of blows per 12 inches
▽ Denotes depth to observed groundwater

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	PSI	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

FOUNDATION REPORT

(SHEET 1 OF 2)

STATE JOB NO. 09032(107) SHEET NO. B004

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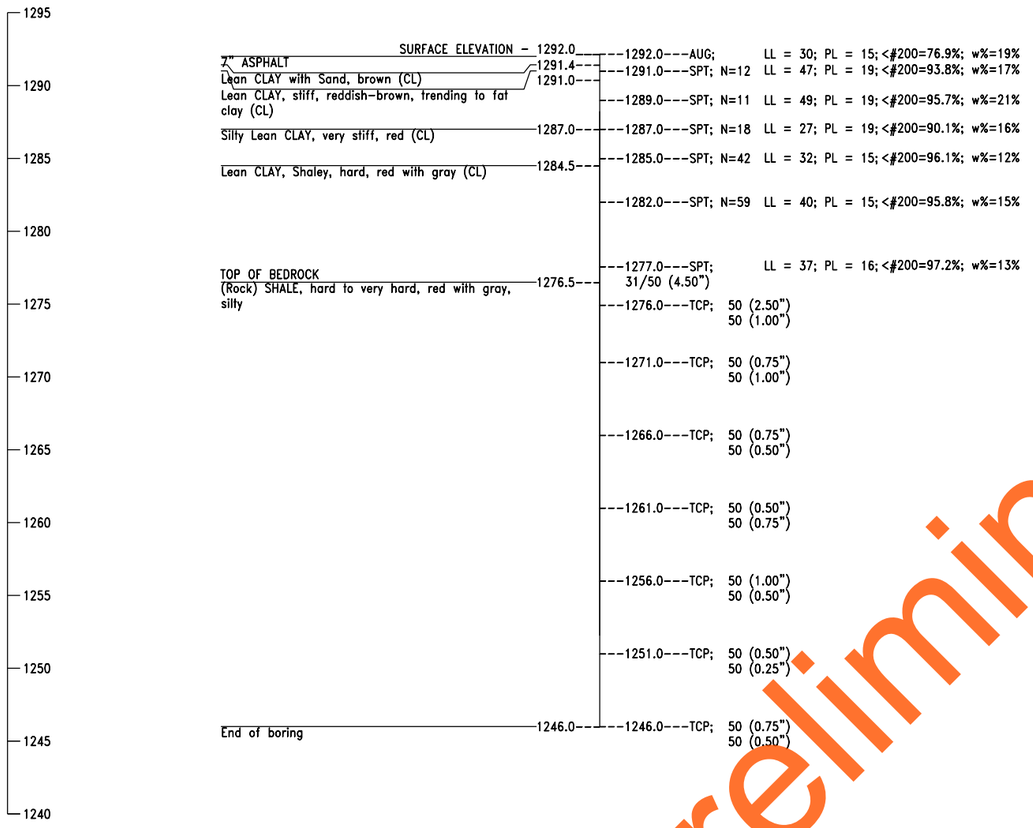
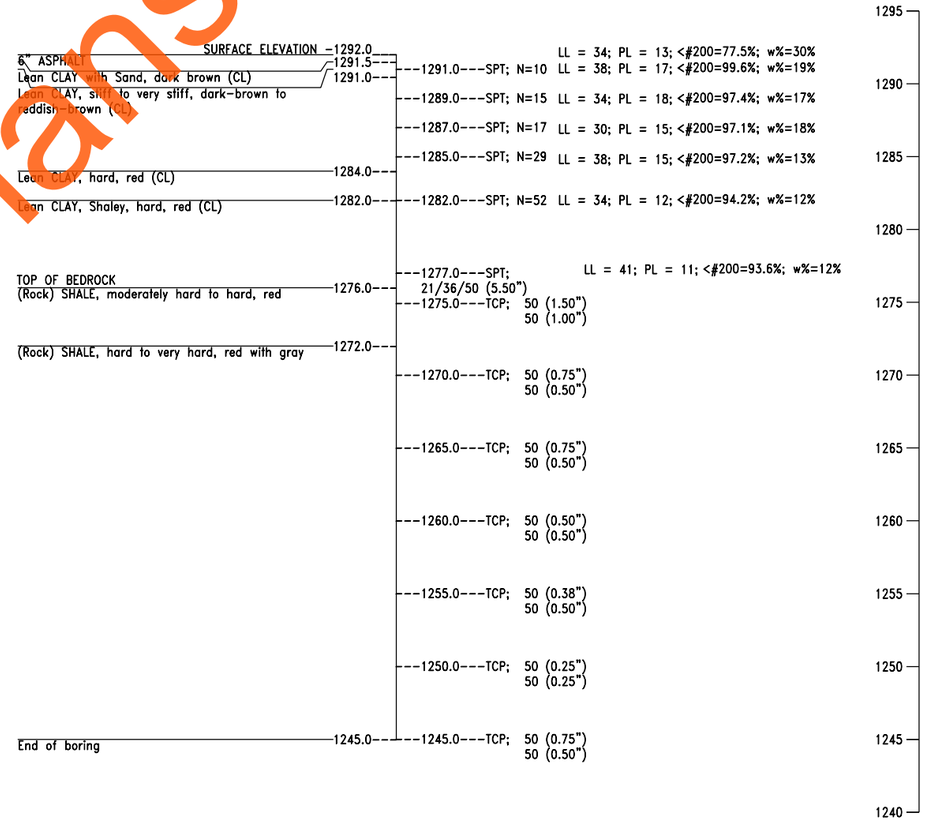
REVISIONS		
DESCRIPTION		DATE

Boring Number A-07
Northing: 142899.87
Easting: 2151433.03
Date Drilled: 10/24/2017
13.02' LT. STA. 79+76.04 BL RAMP "A"



Boring Number A-08
Northing: 142901.68
Easting: 2151487.77
Date Drilled: 10/24/2017
41.15' RT. STA. 79+68.07 BL RAMP "A"



Preliminary Plans

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TCP - Texas Cone Penetrator Test
AUG - Augur Cutting Sample
LL - Liquid Limit
PL - Plastic Limit

<#200 - Percent passing #200 sieve
w% - Moisture content
N - Number of blows per 12 inches
▽ Denotes depth to observed groundwater

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	PSI	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

FOUNDATION REPORT
(SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. B005

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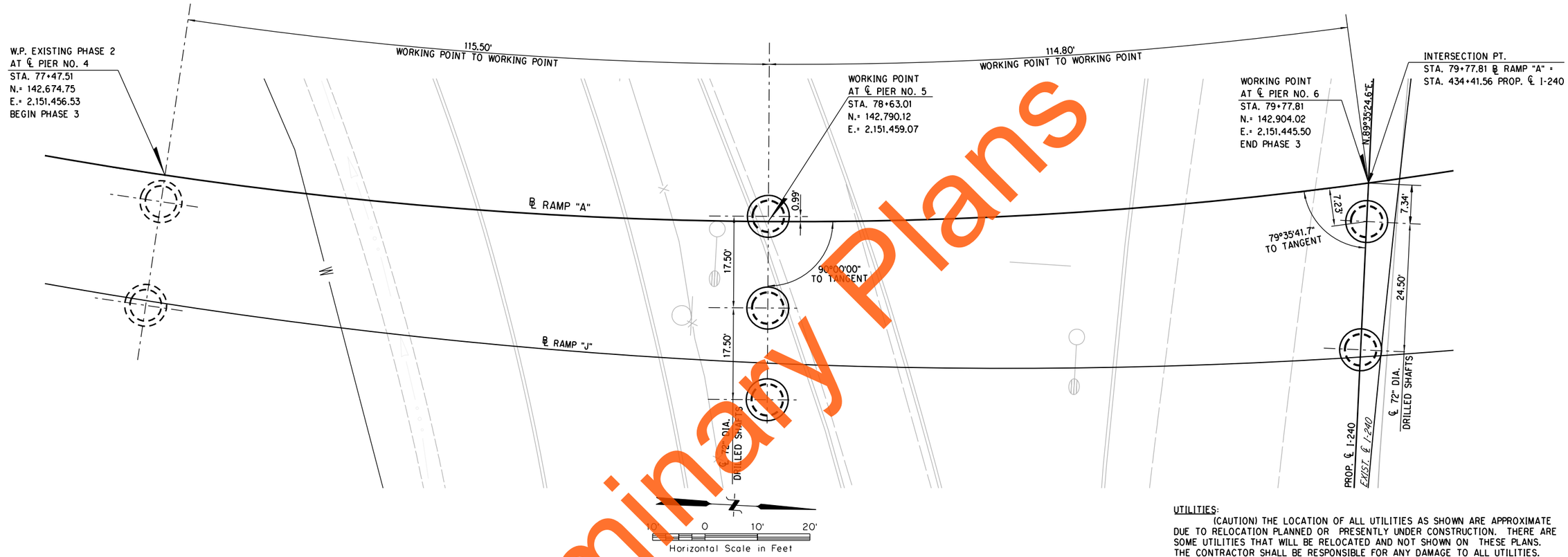
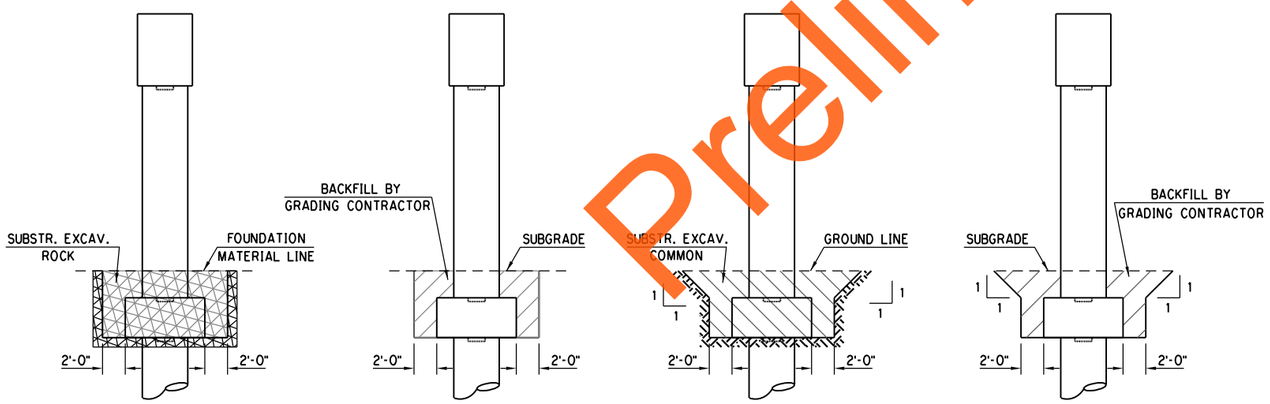
REVISIONS		
DESCRIPTION		DATE



SUBSTRUCTURE STAKING DIAGRAM



PIER NO. 5 EXCAVATION DIAGRAM

PIER NO. 5 BACKFILL DIAGRAM

PIER NO. 6 EXCAVATION DIAGRAM

PIER NO. 6 BACKFILL DIAGRAM

NOTE

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS.

UTILITIES:

(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE DUE TO RELOCATION PLANNED OR PRESENTLY UNDER CONSTRUCTION. THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

NO PAYMENT WILL BE MADE FOR REMOVAL OF ABANDONED UTILITY PIPE LINES THAT INTERFERE WITH CONSTRUCTION. ALL COST TO BE INCLUDED IN OTHER ITEMS.

OKLAHOMA ONE-CALL SYSTEM:

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

DRILLED SHAFT CONSTRUCTION:

DUE TO THE VERY HARD ROCK ENCOUNTERED AT THIS SITE, DRILLED SHAFT EXCAVATIONS WILL REQUIRE SPECIALIZED ROCK DRILLING EQUIPMENT. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH THE EXISTING SUBSURFACE CONDITIONS AND THEIR IMPLICATIONS ON THE DRILLING PROCESSES PRIOR TO BEGINNING WORK.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

SUBSTRUCTURE LAYOUT AND EXCAVATION DIAGRAMS

STATE JOB NO. 09032(07) SHEET NO. B006

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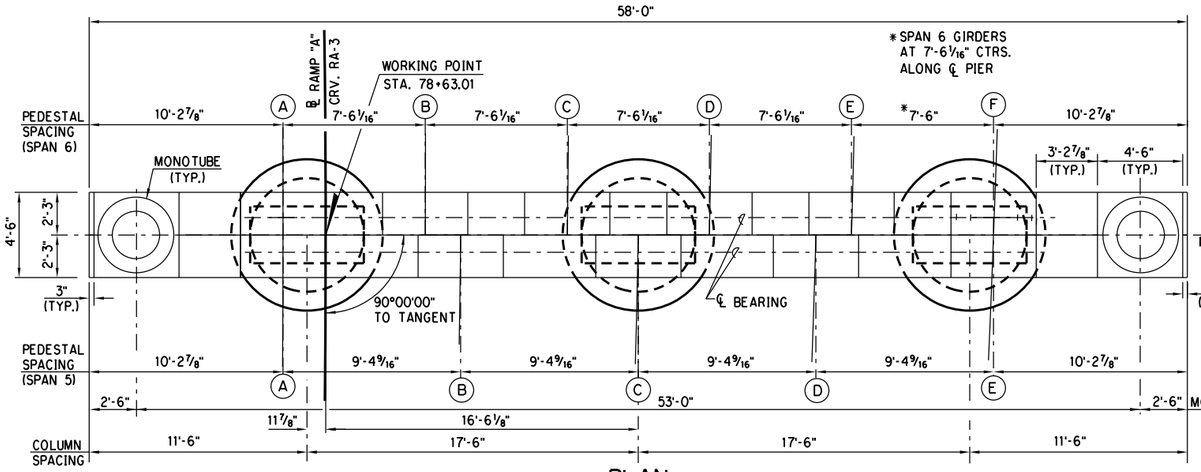
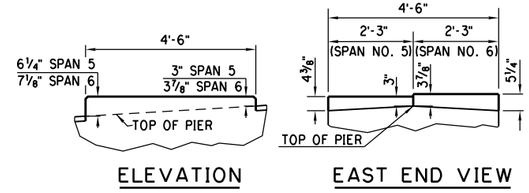
DESCRIPTION	REVISIONS	DATE



PLAN

(SEE SHEET 3 OF 3 FOR ANCHOR BOLT LAYOUTS)

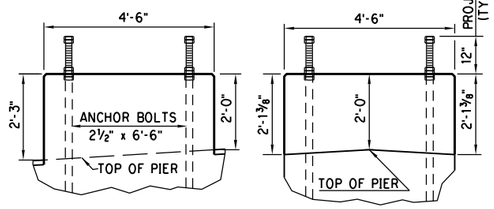


ELEVATION EAST END VIEW

PEDESTAL DETAIL

(TYPICAL)

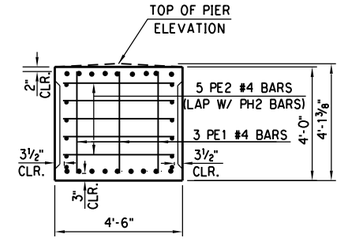
PEDESTAL ELEVATION SCHEDULE - PIER NO. 5						
PEDESTAL	A	B	C	D	E	F
SPAN 5 ELEVATION	1314.49	1315.06	1315.62	1316.18	1316.74	--
SPAN 6 ELEVATION	1314.56	1315.01	1315.46	1315.91	1316.36	1316.81



ELEVATION END VIEW

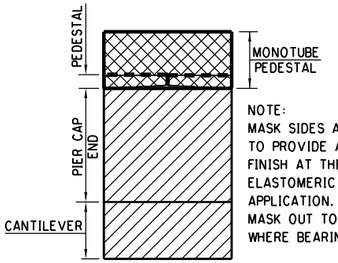
MONOTUBE PEDESTAL DETAIL

(TYPICAL)



CAP END REINFORCING DETAIL

(MONUMENT, PEDESTALS AND S BARS OMITTED FOR CLARITY)

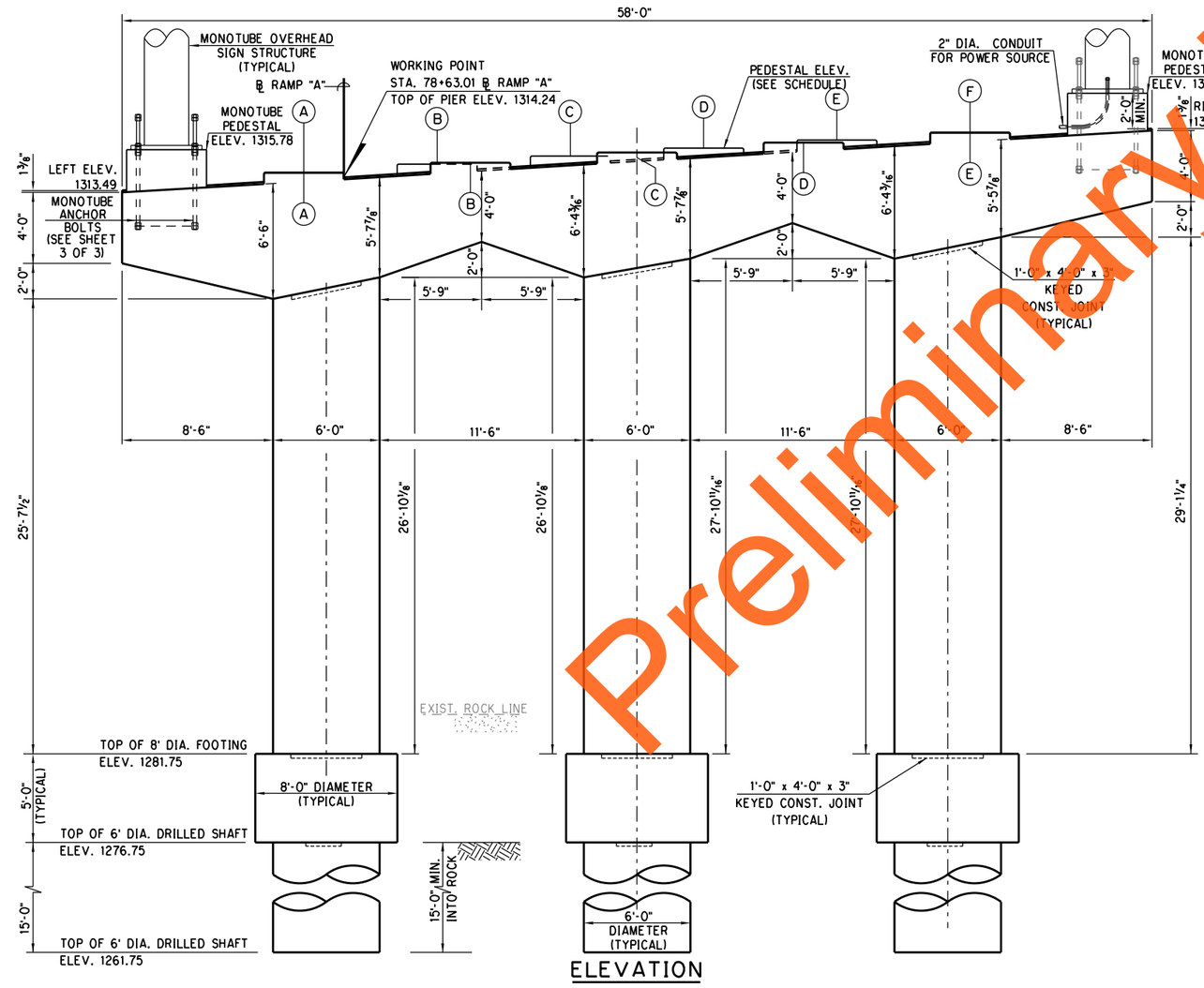


NOTE:
MASK SIDES AND ENDS OF PIER TO PROVIDE A CLEAN STRAIGHT FINISH AT THE BOTTOM EDGE OF ELASTOMERIC COATING APPLICATION.
MASK OUT TOPS OF PEDESTALS WHERE BEARING PADS SIT.

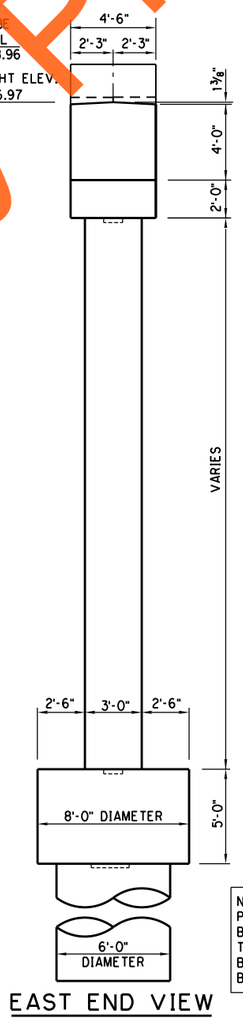
ELASTOMERIC COATING (CROSS-HATCHING AND HEAVY LINE)

WATER REPELLENT (HATCHING)

CONCRETE TREATMENT DETAILS



ELEVATION



EAST END VIEW

NOTE:
PIER 4 IS AT THE START OF PHASE 3 BRIDGE "A". THE SPAN 5 PORTION OF THAT PIER CAP, INCLUDING ANCHOR BOLTS, WAS COMPLETED IN PHASE 2 TO BE UTILIZED IN THIS PHASE 3.

PIER NO. 5 - QUANTITIES		
ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION ROCK	C.Y.	95
CLASS A CONCRETE	C.Y.	139.5
REINFORCING STEEL	LB.	740
EPOXY COATED REINFORCING STEEL	LB.	28,340
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	81
DRILLED SHAFTS 72" DIAMETER	L.F.	45
ELASTOMERIC COATING	S.F.	385

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 5
(SHEET 1 OF 3)

STATE JOB NO. 09032(107) SHEET NO. B007

Preliminary Plans

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Preliminary Plans

REVISIONS		
DESCRIPTION		DATE

PE1 #4 x 5'-8"

PE2 #4 x 5'-11"

CT2 #4 x 3'-2"

CT1 #5 x 16'-3"
CT3 #5 x 16'-5"
T2 #5 x 16'-3"

S1 #5 x 15'-11" AVG. (13'-7" TO 18'-3")
S2 #5 x 17'-7" AVG. (16'-9" TO 18'-5")
S3 #5 x 15'-2" AVG. (13'-7" TO 16'-9")
S4 #5 x 15'-10" AVG. (13'-7" TO 18'-1")
S5 #5 x 17'-5" AVG. (16'-9" TO 18'-1")
S6 #5 x 17'-3" AVG. (16'-5" TO 18'-1")
S7 #5 x 14'-11" AVG. (13'-7" TO 16'-3")

T1 #4 x 19'-0"

P1 #4 x 8'-2"
P2 #4 x 5'-11"

LP1 #4 x 13'-11"

LS #4 x 17'-2"

DV3 #11 x 21'-1"

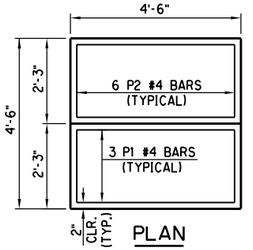
PH1 #9 x 59'-11"

ALL BENT BAR DIMENSIONS ARE OUT TO OUT.

PH4 #7 x 11'-6"

PH5 #9 x 42'-6"

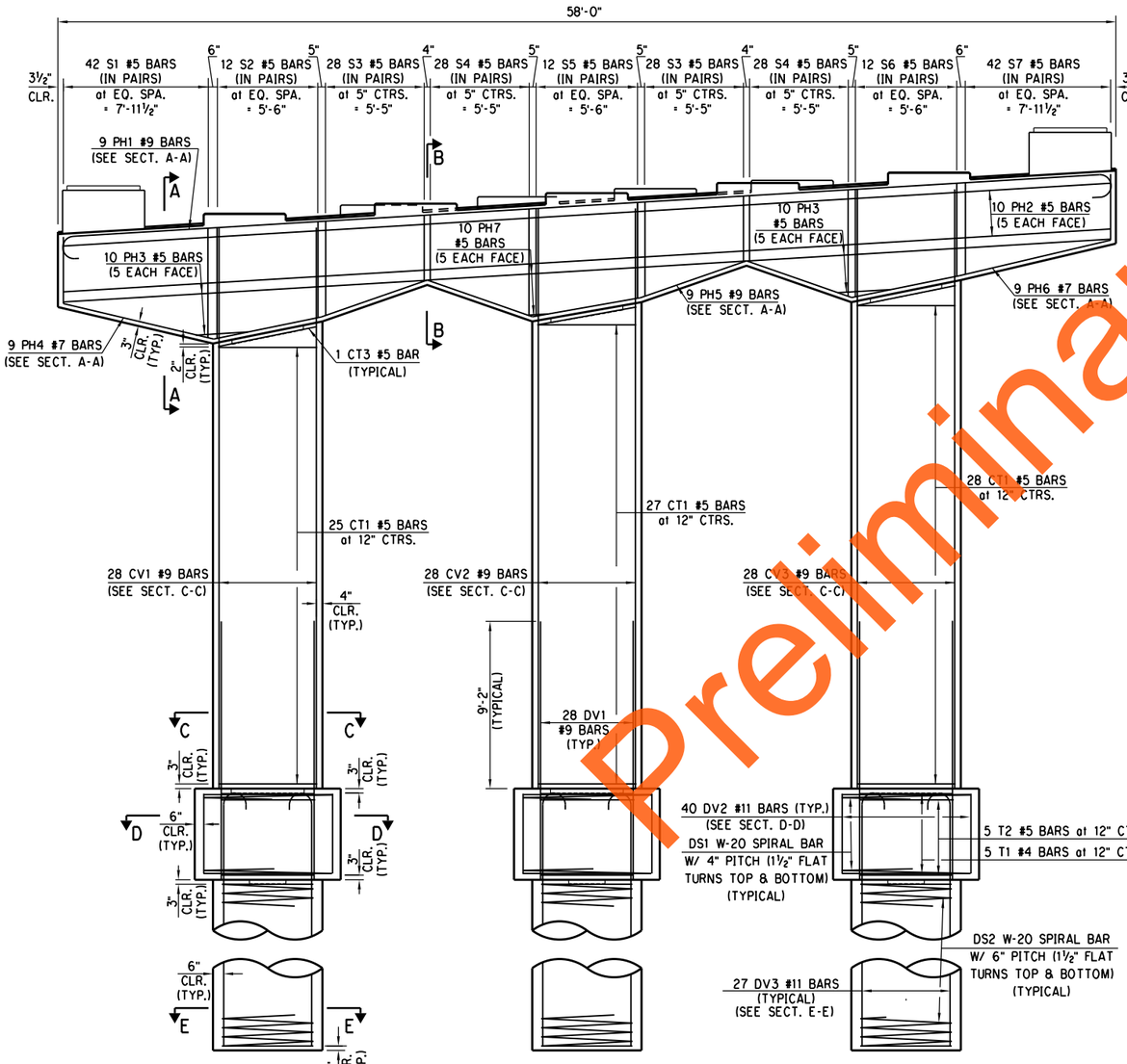
PH6 #7 x 11'-6"



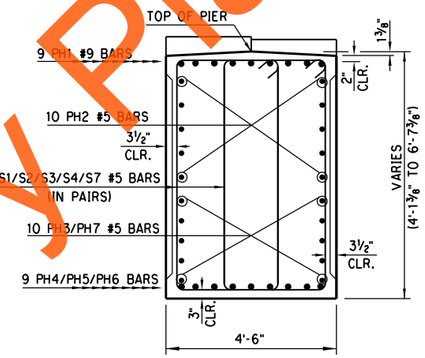
PLAN SECTION

PEDESTAL REINFORCING DETAIL

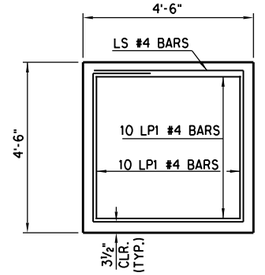
(EXTERIOR PEDESTALS SHOWN. INTERIOR PEDESTALS WILL NOT ALIGN)



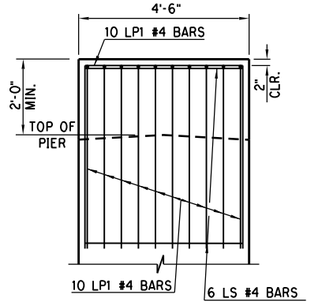
REINFORCING ELEVATION



SECTION A-A



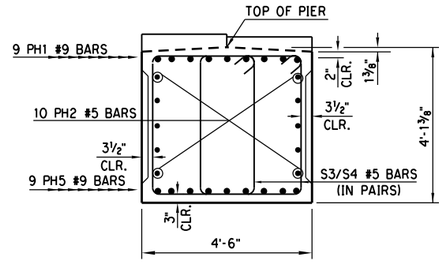
PLAN



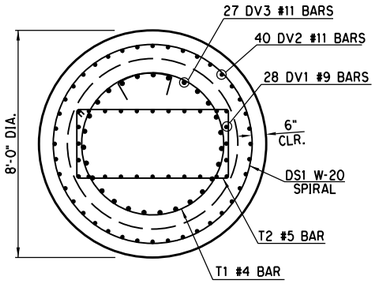
SECTION

MONOTUBE PEDESTAL REINFORCING DETAIL

(TYPICAL)

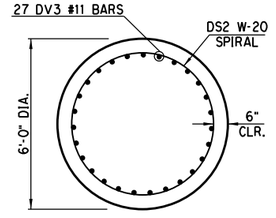


SECTION B-B

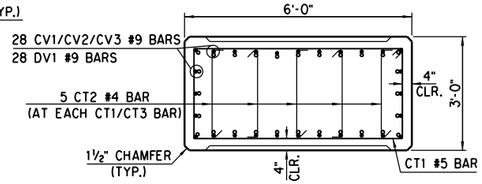


NOTE: ROTATE BARS T1 AND T2 180 DEGREES FOR EACH SUCCESSIVE ROW.

SECTION D-D



SECTION E-E



NOTE: ALTERNATE CT2 #4 BARS END TO END FOR EACH SUCCESSIVE ROW.

SECTION C-C

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 5
(SHEET 2 OF 3)

STATE JOB NO. 09032(107) SHEET NO. B008

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DESCRIPTION	REVISIONS	DATE

BAR LIST - PIER NO. 5
(EPOXY COATED)

MARK	NO.	SIZE	FORM	SPACING	LENGTH	LENGTH VARIATION
CT1	80	#5	BENT	12" C/C	16'-3"	--
CT2	415	#4	BENT	AS SHOWN	3'-2"	--
CT3	3	#5	BENT	AS SHOWN	16'-5"	--
CV1	28	#9	STR.	AS SHOWN	31'-9"	--
CV2	28	#9	STR.	AS SHOWN	32'-10"	--
CV3	28	#9	STR.	AS SHOWN	33'-10"	--
▲① DS1	3	W-20	BENT	AS SHOWN	362'-11"	--
DV1	84	#9	STR.	AS SHOWN	14'-2"	--
DV2	120	#11	STR.	AS SHOWN	4'-6"	--
LP1	40	#4	BENT	AS SHOWN	13'-11"	--
LS	12	#4	BENT	AS SHOWN	17'-2"	--
P1	33	#4	BENT	EQUAL	8'-2"	--
P2	66	#4	BENT	EQUAL	5'-11"	--
PE1	6	#4	BENT	AS SHOWN	5'-8"	--
PE2	10	#4	BENT	AS SHOWN	5'-11"	--
PH1	9	#9	BENT	AS SHOWN	59'-11"	--
PH2	10	#5	STR.	EQUAL	57'-6"	--
PH3	20	#5	STR.	EQUAL	11'-5"AVG.	2'-10" TO 20'-0"
PH4	9	#7	BENT	AS SHOWN	11'-6"	--
PH5	9	#9	BENT	AS SHOWN	42'-6"	--
PH6	9	#7	BENT	AS SHOWN	11'-6'	--
PH7	10	#5	STR.	EQUAL	9'-3 1/2" AVG.	1'-1" TO 17'-5"
S1	42	#5	BENT	EQUAL	15'-11" AVG.	13'-7" TO 18'-3"
S2	12	#5	BENT	EQUAL	17'-7" AVG.	15'-9" TO 18'-5"
S3	56	#5	BENT	5" C/C	15'-2" AVG.	13'-7" TO 16'-9"
S4	56	#5	BENT	5" C/C	15'-10" AVG.	13'-7" TO 18'-1"
S5	12	#5	BENT	EQUAL	17'-5" AVG.	16'-9" TO 18'-1"
S6	12	#5	BENT	EQUAL	17'-3" AVG.	16'-5" TO 18'-1"
S7	42	#5	BENT	EQUAL	14'-11" AVG.	13'-7" TO 16'-3"
② T1	15	#4	BENT	12" C/C	19'-0"	--
T2	15	#5	BENT	12" C/C	16'-3"	--

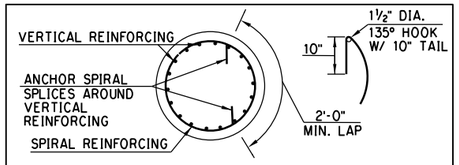
BAR LIST - THREE 72" DRILLED SHAFTS

▲① DS2	3	W-20	BENT	AS SHOWN	502'-11"	--
▲ DV3	81	#11	BENT	AS SHOWN	21'-1"	--

① LENGTH SHOWN DOES NOT INCLUDE ANY LAPS FOR SPLICES. CONTRACTOR MAY ADD SPLICES AS NECESSARY, BUT PAYMENT WILL NOT BE MADE FOR EXTRA LENGTH REQUIRED. ADD 3'-8" FOR EACH SPLICE.

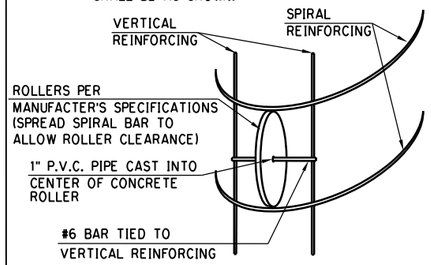
② LENGTH SHOWN INCLUDES LAP.
T1 = 2'-0"

▲ NON-EPOXY COATED

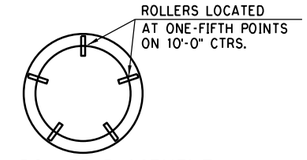


SPIRAL REINFORCING SPLICE DETAILS

NOTE: SPIRAL BARS SHALL CONFORM TO AASHTO M-32. SPIRAL BAR LENGTHS DO NOT INCLUDE LAP. IF LAP IS REQUIRED, THE LENGTH OF THE LAP SHALL BE AS SHOWN.



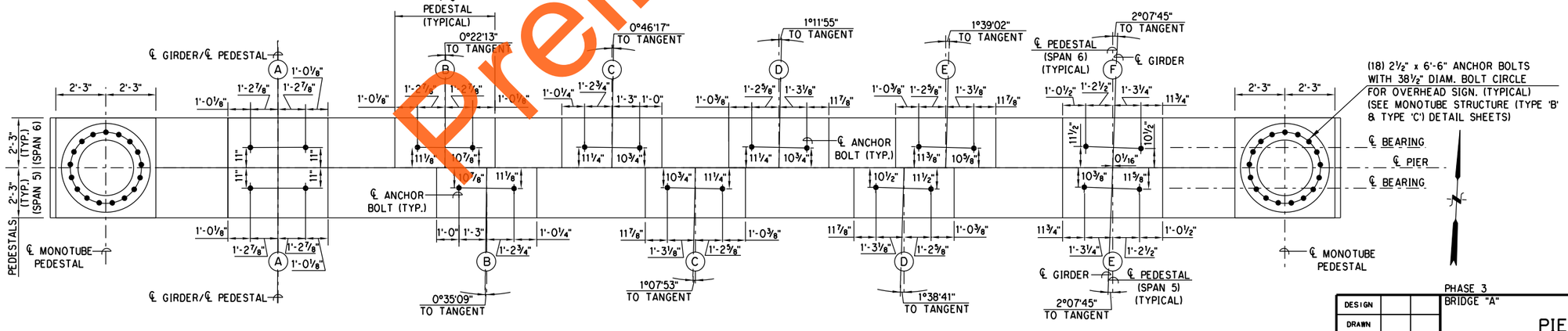
ROLLER INSTALLATION DETAIL



ROLLER PLACEMENT

ROLLER DETAILS

NOTE: REINFORCING CAGE CENTERING DEVICES SHALL CONSIST OF ROLLERS PLACED AT SPACING AS SHOWN AND HAVE THE CHARACTERISTICS AS INDICATED IN THE MANUFACTURER'S SPECIFICATIONS. SLAB BOLSTERS AND HIGH CHAIRS WILL BE ALLOWED BY THE DEPARTMENT.



ANCHOR BOLT LAYOUT

NOTE: GIRDER ℄ ARE ARCS AND PIER IS SKEWED TO ROADWAY. EACH GIRDER ℄ MEETS PEDESTAL ℄ AT THE PIER ℄. EXCEPT SPAN 6 GIRDER "F" ℄ IS OFFSET FROM ITS PEDESTAL ℄ AS SHOWN.

NOTE: DIMENSIONS SHOWN ARE PERPENDICULAR TO PEDESTALS. FOR FURTHER INFORMATION SEE "BEARING ASSEMBLY DETAILS" SHEET.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 5
(SHEET 3 OF 3)

STATE JOB NO. 09032(07) SHEET NO. B009

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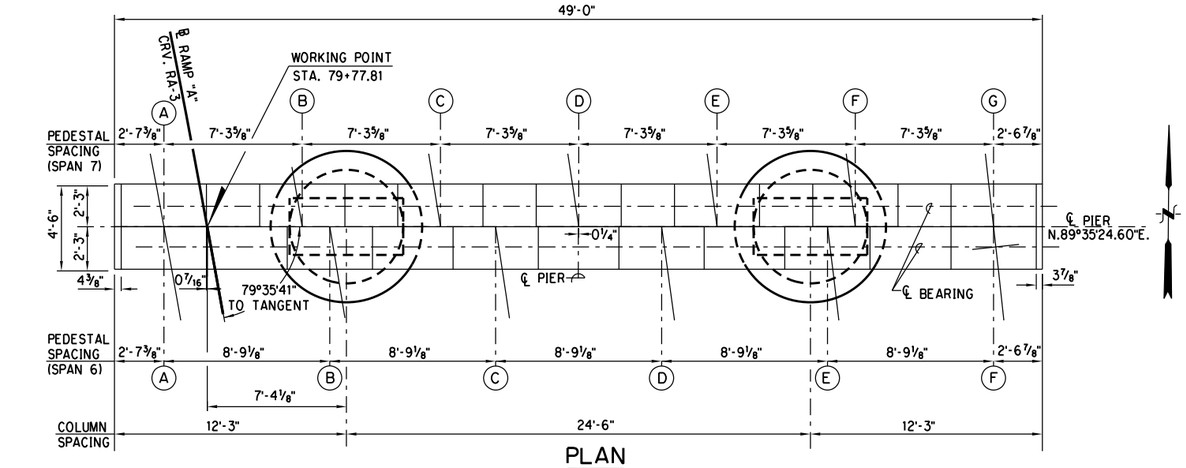
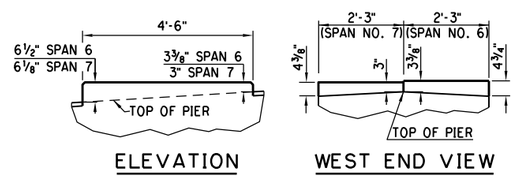


PLAN

(SEE SHEET 3 OF 3 FOR ANCHOR BOLT LAYOUTS)



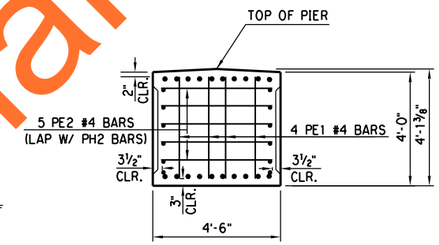
ELEVATION WEST END VIEW

PEDESTAL DETAIL

DESCRIPTION	REVISIONS	DATE

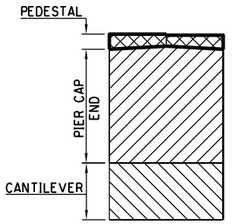
PEDESTAL ELEVATION SCHEDULE - PIER NO. 6

PEDESTAL	A	B	C	D	E	F	G
SPAN 6 ELEVATION	1316.00	1316.51	1317.01	1317.51	1318.01	1318.52	--
SPAN 7 ELEVATION	1315.97	1316.40	1316.82	1317.24	1317.66	1318.08	1318.49



CAP END REINFORCING DETAIL

(PEDESTALS AND S BARS OMITTED FOR CLARITY)

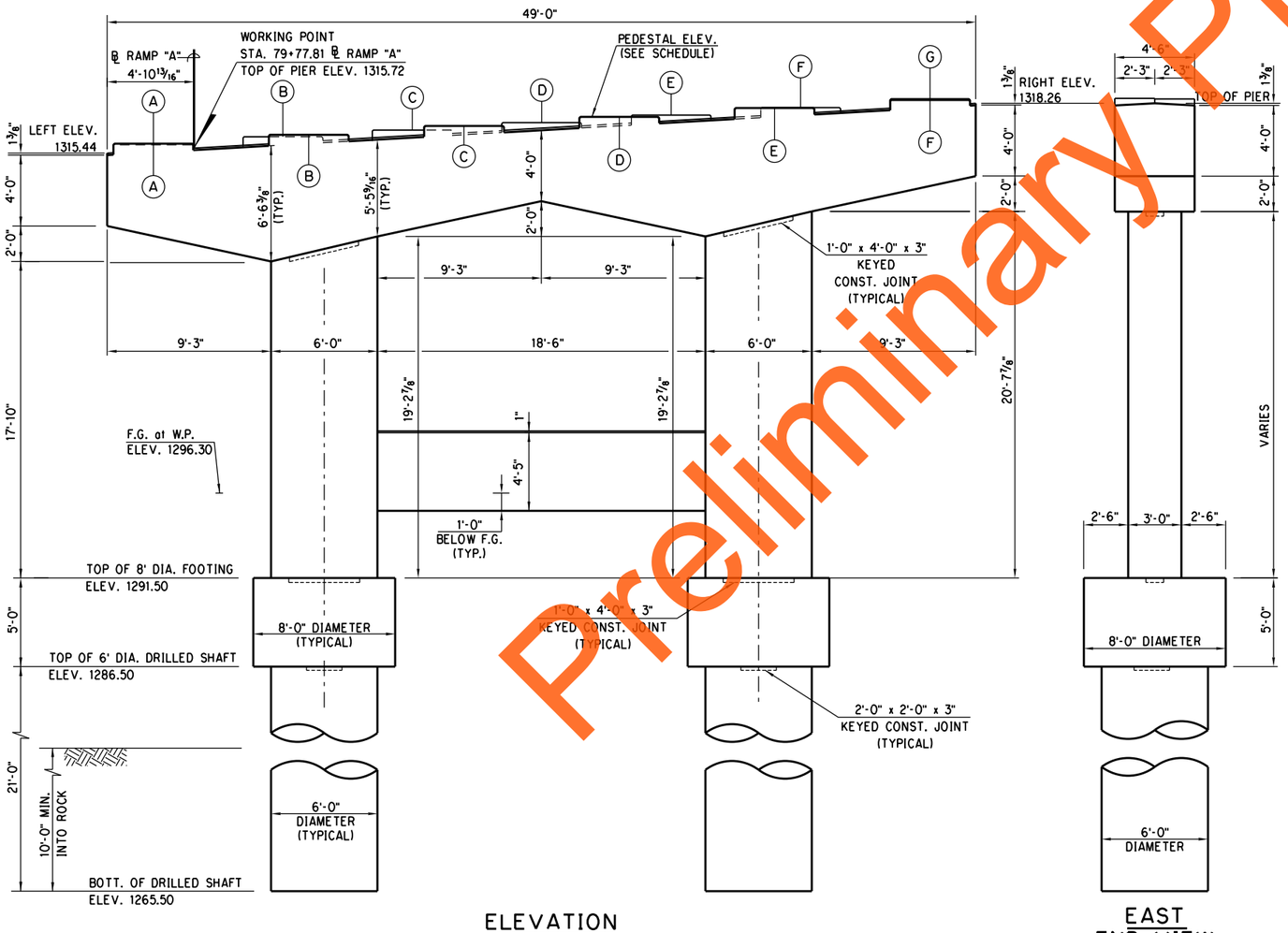


NOTE:
MASK SIDES AND ENDS OF PIER TO PROVIDE A CLEAN STRAIGHT FINISH AT THE BOTTOM EDGE OF ELASTOMERIC COATING APPLICATION.
MASK OUT TOPS OF PEDESTALS WHERE BEARING PADS SIT.

ELASTOMERIC COATING (CROSS-HATCHING AND HEAVY LINE)

WATER REPELLENT (HATCHING)

CONCRETE TREATMENT DETAILS



ELEVATION

EAST END VIEW

NOTE:
THIS PIER IS AT THE END OF PHASE 3 BRIDGE "A". THE SPAN 7 PORTION OF THE PIER CAP, INCLUDING ANCHOR BOLTS, WILL BE COMPLETED IN PHASE 3 THOUGH UTILIZED IN PHASE 4.

PIER NO. 6 - QUANTITIES

ITEM	UNIT	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	55
CLASS A CONCRETE	C.Y.	96.7
REINFORCING STEEL	LB.	500
EPOXY COATED REINFORCING STEEL	LB.	22,030
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	71
DRILLED SHAFTS 72" DIAMETER	L.F.	42
ELASTOMERIC COATING	S.F.	274

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 6
(SHEET 1 OF 3)

STATE JOB NO. 09032(107) SHEET NO. B010

Preliminary Plans

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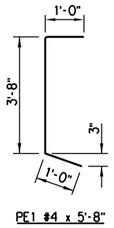
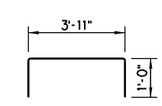
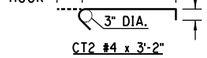
DESCRIPTION	REVISIONS	DATE



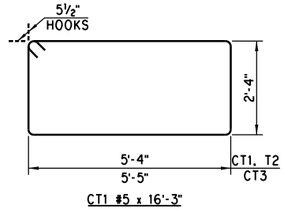
PE1 #4 x 5'-8"



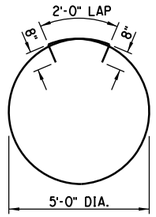
PE2 #4 x 5'-11"



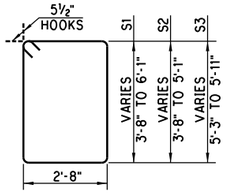
CT2 #4 x 3'-2"



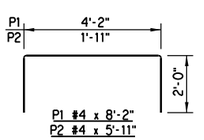
CT1 #5 x 16'-3"
CT3 #5 x 16'-5"
T2 #5 x 16'-3"



T1 #4 x 19'-0"

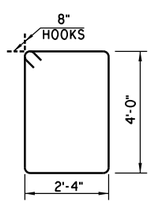


S1 #5 x 16'-0" AVG.
(13'-7" TO 18'-5")
S2 #5 x 15'-0" AVG.
(13'-7" TO 16'-5")
S3 #5 x 17'-5" AVG.
(16'-9" TO 18'-1")

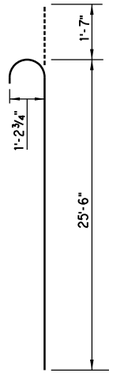


P1 #4 x 8'-2"
P2 #4 x 5'-11"

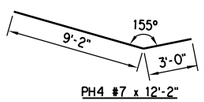
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.



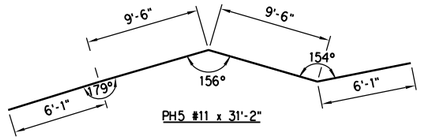
CWS1 #6 x 14'-0"



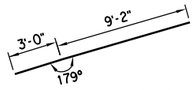
DV3 #11 x 27'-1"



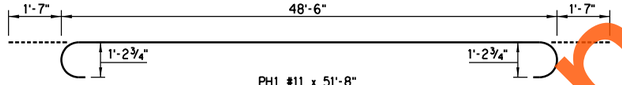
PH4 #7 x 12'-2"



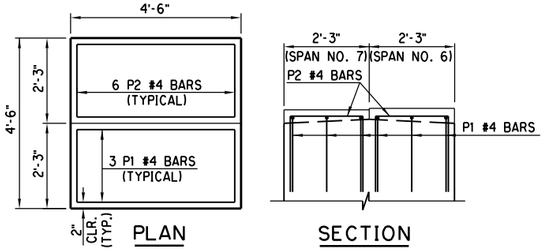
PH5 #11 x 31'-2"



PH6 #7 x 12'-2"



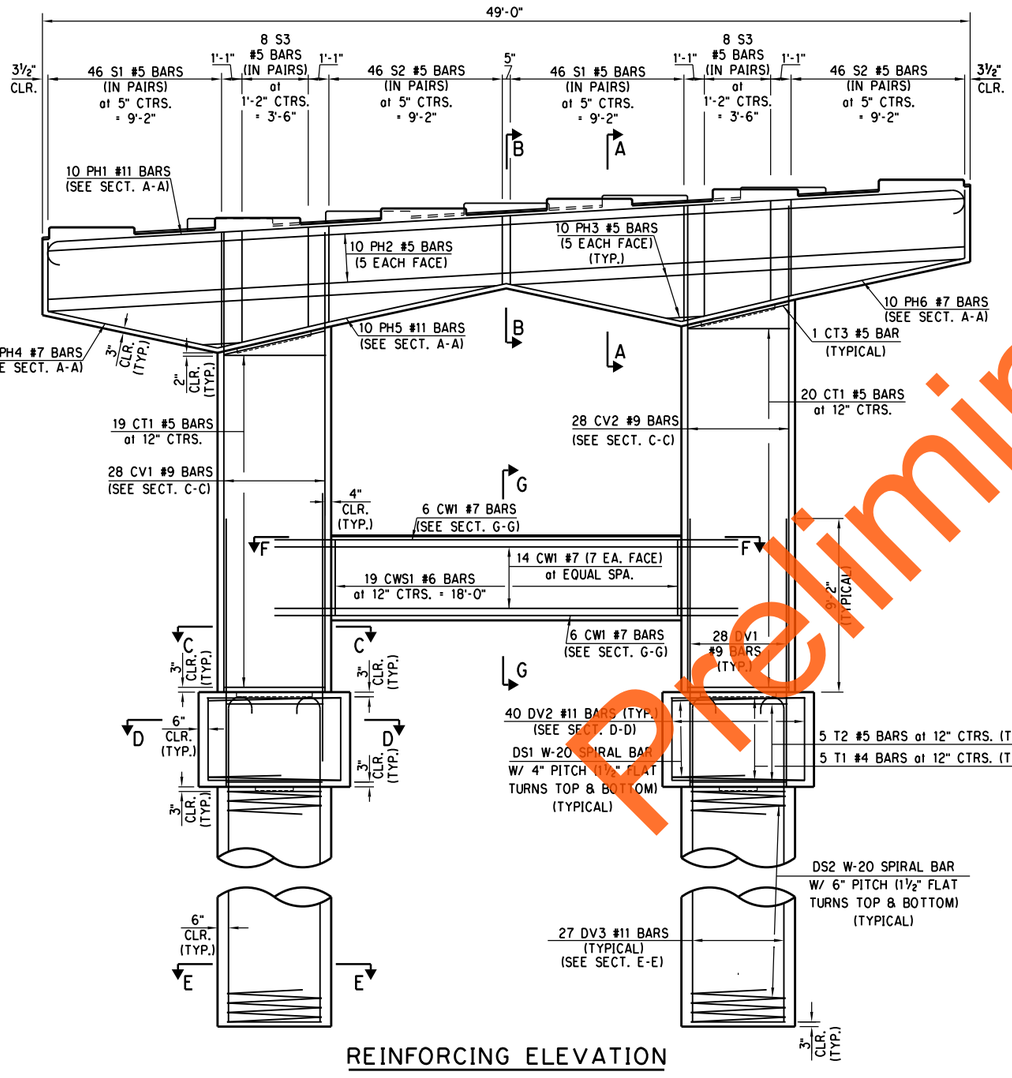
PH1 #11 x 51'-8"



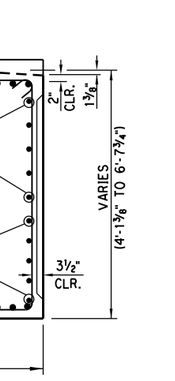
PLAN SECTION

PEDESTAL REINFORCING DETAILS

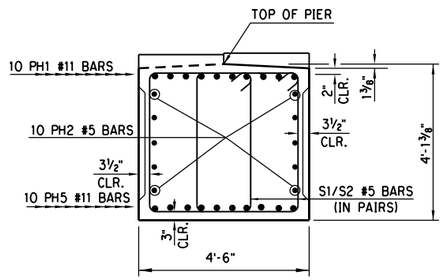
(EXTERIOR PEDESTALS SHOWN, INTERIOR PEDESTALS WILL NOT ALIGN)



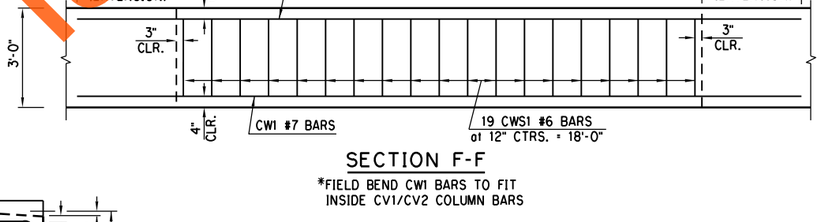
REINFORCING ELEVATION



SECTION A-A

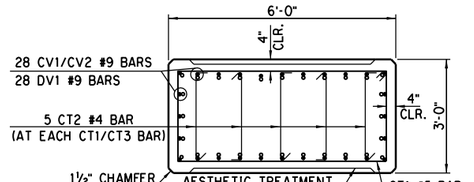


SECTION B-B



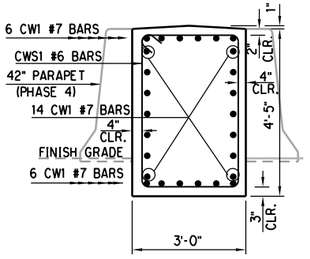
SECTION F-F

*FIELD BEND CW1 BARS TO FIT INSIDE CV1/CV2 COLUMN BARS

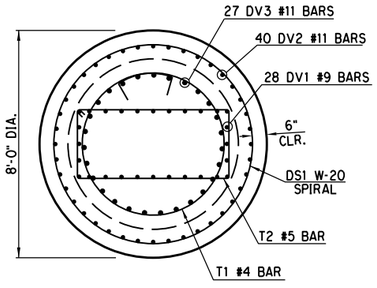


NOTE: ALTERNATE CT2 #4 BARS END TO END FOR EACH SUCCESSIVE ROW.

SECTION C-C

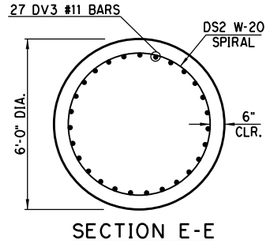


SECTION G-G



NOTE: ROTATE BARS T1 AND T2 180 DEGREES FOR EACH SUCCESSIVE ROW.

SECTION D-D



SECTION E-E

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 6
(SHEET 2 OF 3)

STATE JOB NO. 09032(07) SHEET NO. B011

6/26/2023 4:53:37 PM
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DESCRIPTION	REVISIONS	DATE

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(EPOXY COATED)

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CT3	2	#5	BENT	AS SHOWN	16'-5"	--
CV1	28	#9	STR.	AS SHOWN	24'-3"	--
CV2	28	#9	STR.	AS SHOWN	25'-8"	--
CW1	26	#7	STR.	AS SHOWN	24'-6"	--
CWS1	19	#6	BENT	12" C/C	14'-0'	--
▲① DS1	2	W-20	BENT	AS SHOWN	362'-11"	--
DV1	56	#9	STR.	AS SHOWN	14'-2"	--
DV2	80	#11	STR.	AS SHOWN	4'-6"	--
P1	39	#4	BENT	EQUAL	8'-2"	--
P2	78	#4	BENT	EQUAL	5'-11"	--
PE1	8	#4	BENT	AS SHOWN	5'-8"	--
PE2	10	#4	BENT	AS SHOWN	5'-11"	--
PH1	10	#11	BENT	AS SHOWN	51'-8"	--
PH2	10	#5	STR.	EQUAL	48'-6"	--
PH3	20	#5	STR.	EQUAL	12'-10 1/2" AVG.	2'-0" TO 23'-9"
PH4	10	#7	BENT	AS SHOWN	12'-2"	
PH5	10	#11	BENT	AS SHOWN	31'-2"	--
PH6	10	#7	BENT	AS SHOWN	12'-2"	--
S1	92	#5	BENT	5" C/C	16'-0" AVG.	13'-7" TO 18'-5"
S2	92	#5	BENT	5" C/C	15'-0" AVG.	13'-7" TO 16'-5"
S3	16	#5	BENT	14" C/C	17'-5" AVG.	16'-9" TO 18'-1"
② T1	10	#4	BENT	12" C/C	19'-[illegible]"	--
T2	10	#5	BENT	12" C/C	16'-3"	--

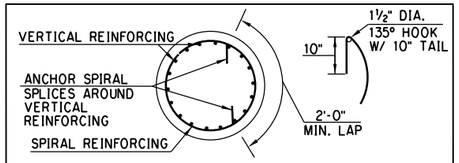
BAR LIST - TWO 72" DRILLED SHAFTS

▲① DS2	2	W-20	BENT	AS SHOWN	391'-6"	--
▲ DV3	54	#11	BENT	AS SHOWN	27'-1"	--

① LENGTH SHOWN DOES NOT INCLUDE ANY LAPS FOR SPLICES. CONTRACTOR MAY ADD SPLICES AS NECESSARY, BUT PAYMENT WILL NOT BE MADE FOR EXTRA LENGTH REQUIRED. ADD 3'-8" FOR EACH SPLICE.

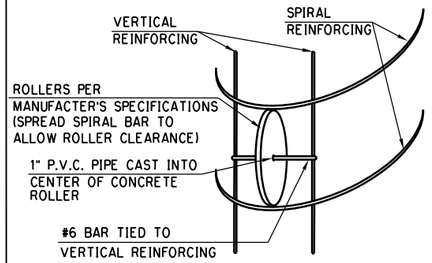
② LENGTH SHOWN INCLUDES LAP:
T1 = 2'-0"

▲ NON-EPOXY COATED

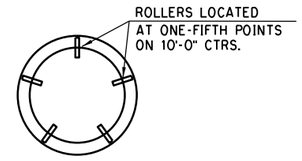


SPIRAL REINFORCING SPLICE DETAILS

NOTE: SPIRAL BARS SHALL CONFORM TO AASHTO M-32. SPIRAL BAR LENGTHS DO NOT INCLUDE LAP. IF LAP IS REQUIRED, THE LENGTH OF THE LAP SHALL BE AS SHOWN.



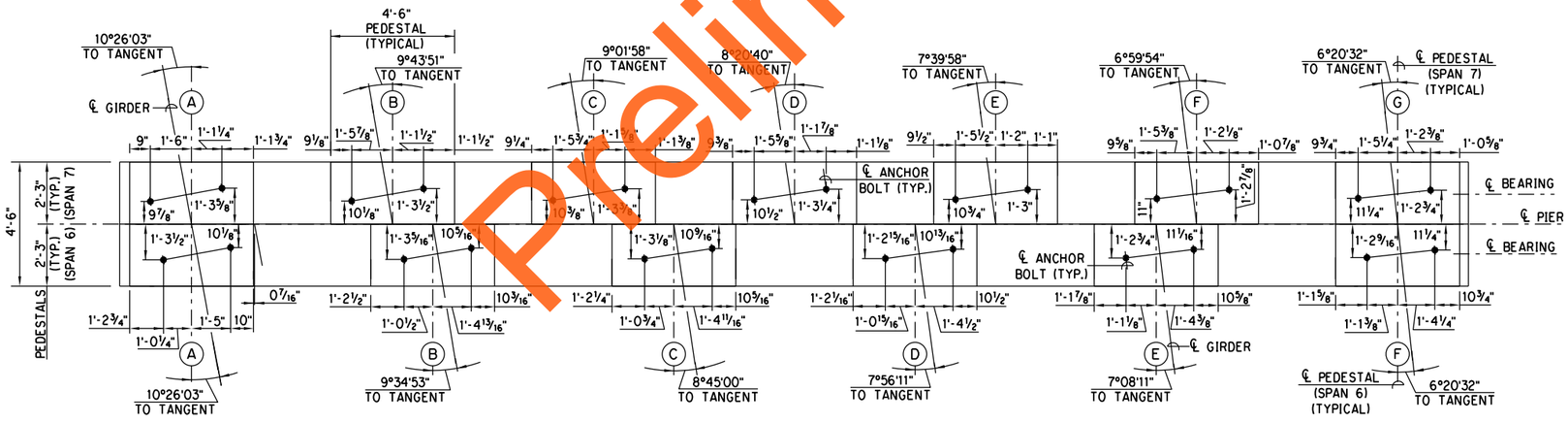
ROLLER INSTALLATION DETAIL



ROLLER PLACEMENT

ROLLER DETAILS

NOTE: REINFORCING CAGE CENTERING DEVICES SHALL CONSIST OF ROLLERS PLACED AT SPACING AS SHOWN AND HAVE THE CHARACTERISTICS AS INDICATED IN THE MANUFACTURER'S SPECIFICATIONS. SLAB BOLSTERS AND HIGH CHAIRS WILL BE ALLOWED BY THE DEPARTMENT.



NOTE: GIRDER ℄ ARE ARCS AND PIER IS SKEWED TO ROADWAY. EACH GIRDER ℄ MEETS PEDESTAL ℄ AT THE PIER ℄.

ANCHOR BOLT LAYOUT

NOTE: DIMENSIONS SHOWN ARE PERPENDICULAR TO PEDESTALS. FOR FURTHER INFORMATION SEE "BEARING ASSEMBLY DETAILS" SHEET.

NOTE:
THERE ARE APPROXIMATELY 130 LBS. OF STRUCTURAL STEEL (2 BOLTS AND 6 NUTS PER BEARING) FOR BRIDGE "A", PHASE 4, BEARINGS. ALL COSTS OF BOLTS, NUTS, AND BOLT INSTALLATION SHALL BE INCLUDED IN "CLASS A CONCRETE". THE NUTS AND WASHERS FOR BRIDGE "A" PHASE 4 SHALL BE PROTECTED IF LEFT IN PLACE, OR AS DIRECTED BY ODOT.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PIER DETAILS
PIER NO. 6
(SHEET 3 OF 3)

STATE JOB NO. 09032(07) SHEET NO. B012

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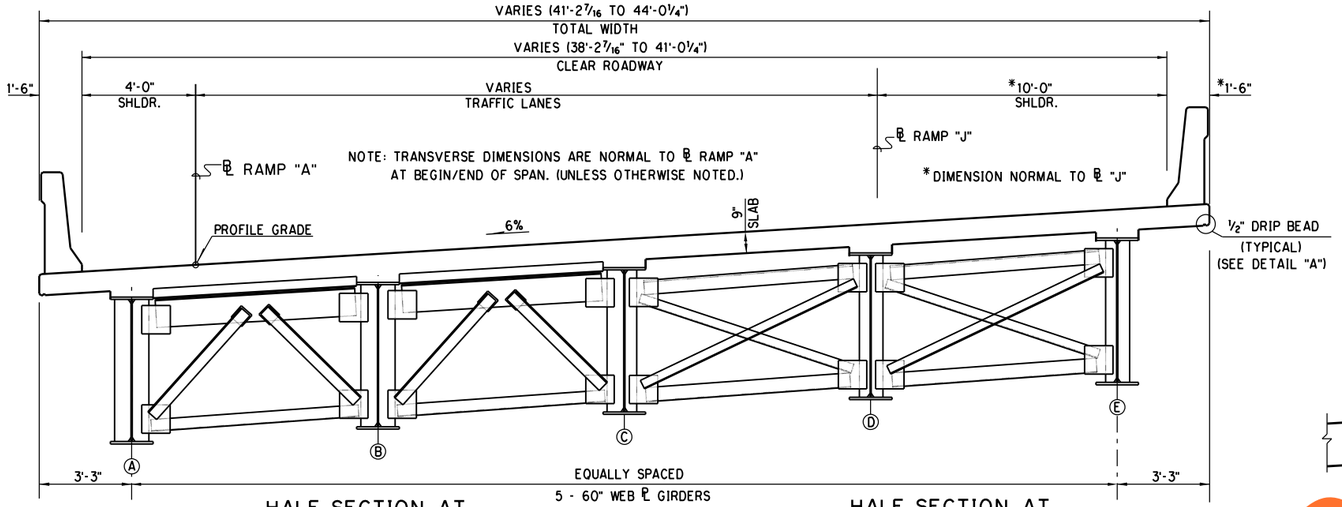
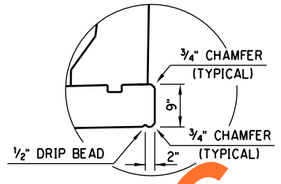


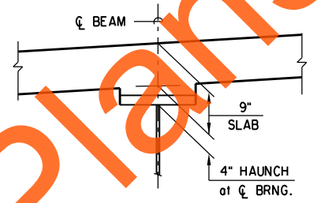
HALF SECTION AT END DIAPHRAGMS

TYPICAL BRIDGE SECTION (SPAN 5)

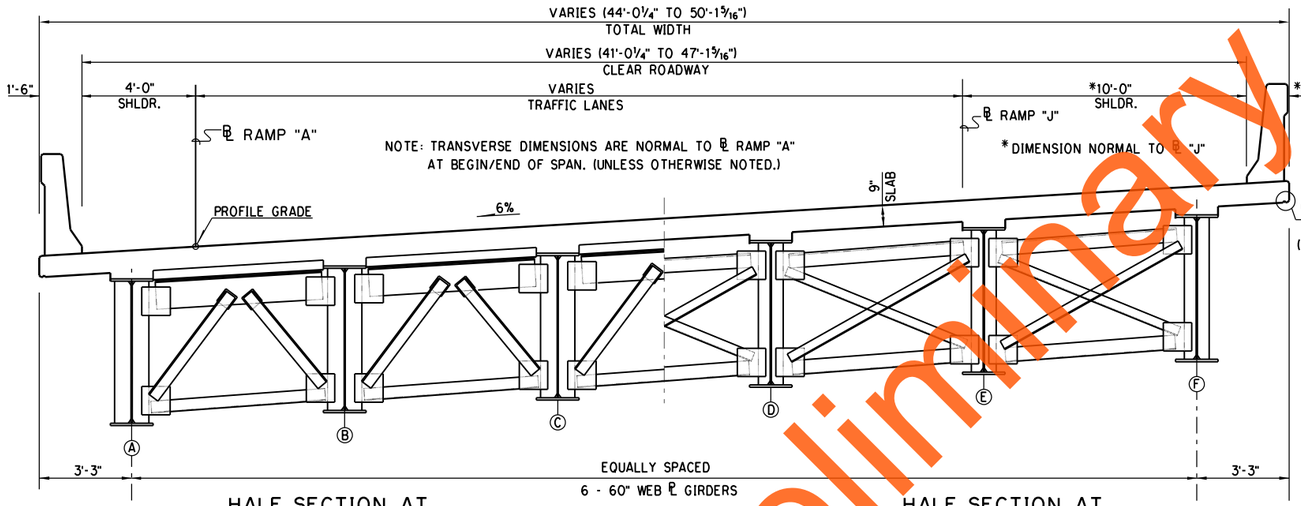
HALF SECTION AT INTERMEDIATE DIAPHRAGMS



DETAIL "A"



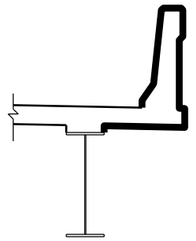
HAUNCH DETAIL



HALF SECTION AT END DIAPHRAGMS

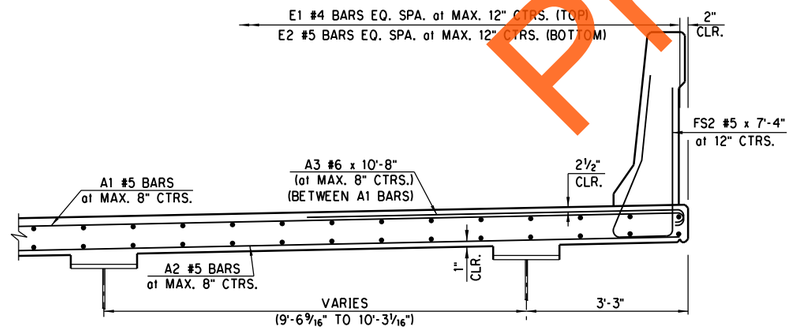
TYPICAL BRIDGE SECTION (SPAN 6)

HALF SECTION AT INTERMEDIATE DIAPHRAGMS

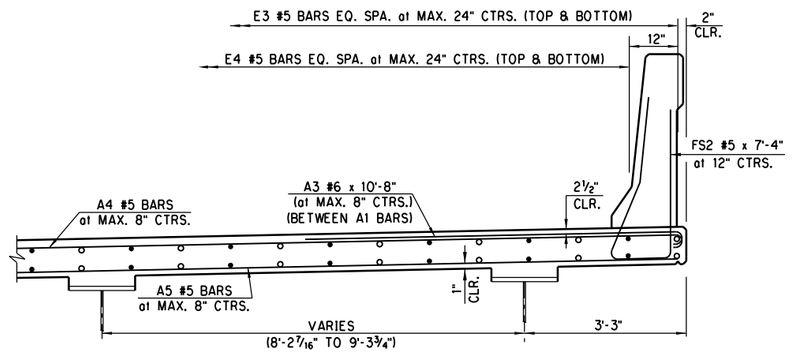


WATER REPELLENT SURFACE TREATMENT

SURFACES INDICATED WITH HEAVY LINES SHALL BE TREATED WITH A PENETRATING WATER REPELLENT SEALER.



TYPICAL BRIDGE REINFORCING SECTION (SPAN 5)



TYPICAL BRIDGE REINFORCING SECTION (SPAN 6)

NOTE: FOR BAR BEND DETAILS SEE SHEET 2 OF 3.

DESCRIPTION	REVISIONS	DATE

BAR LIST - SUPERSTRUCTURE
EPOXY COATED

	MARK	NO.	SIZE	FORM	SPACING	LENGTH	LENGTH VARIATION
(1)	A1	181	#5	BENT	7⅝" C/C	43'-5" AVG.	42'-0" TO 44'-10"
(1)	A2	181	#5	STR.	7⅝" C/C	42'-3" AVG.	40'-10" TO 43'-8"
	A3	706	#6	BENT	AS SHOWN	10'-8"	--
(1)	A4	168	#5	BENT	7⅝" C/C	47'-7½" AVG.	44'-10" TO 50'-5"
(1)	A5	168	#5	STR.	7⅝" C/C	46'-5½" AVG.	43'-8" TO 49'-3"
(1)	A6	12	#5	BENT	7⅝" C/C	27'-4" AVG.	7'-2" TO 47'-6"
(1)	A7	12	#5	STR.	7⅝" C/C	26'-9" AVG.	6'-7" TO 46'-11"
	A8	2	#6	BENT	AS SHOWN	7'-2" AVG.	5'-5" TO 8'-11"
	AT1	4	#4	STR.	AS SHOWN	40'-10"	--
	AT2	8	#4	STR.	AS SHOWN	43'-8"	--
	AT3	1	#4	BENT	AS SHOWN	50'-1"	--
	AT4	3	#4	STR.	AS SHOWN	45'-4"	--
(2)	E1	45	#4	STR.	EQUAL SPA.	121'-0½" AVG.	118'-1" TO 124'-0"
(2)	E2	45	#5	STR.	EQUAL SPA.	122'-0½" AVG.	119'-1" TO 125'-0"
(2)(3)	E3	52	#5	STR.	EQUAL SPA.	123'-4" AVG.	122'-5" TO 124'-3"
(2)(3)	E4	50	#5	STR.	EQUAL SPA.	118'-11½" AVG.	117'-11" TO 120'-0"
	EPH1	45	#4	BENT	AS SHOWN	3'-2"	--
	EPH2	96	#4	BENT	AS SHOWN	3'-4"	--
	FPH	45	#4	BENT	AS SHOWN	5'-3"	--
	FS2	428	#5	BENT	SEE STD.	7'-4"	--
	L	40	#4	BENT	SEE STD.	1'-3"	--

(1) BARS ARE ALIGNED RADIALLY ALONG BASELINE OF RAMP "A", SPACING LISTED IS ALONG BASELINE, MAXIMUM END SPACING IS 8" C/C

(2) LENGTH SHOWN INCLUDES LAP: E1 = 2 at 2'-0"
E2 = 2 at 2'-6"
E3 = 2 at 2'-6"
E4 = 1 at 2'-6"

(3) LENGTH SHOWN INCLUDES PROJECTION:
E3 = 5'-0"
E4 = 3'-0"

SUPERSTRUCTURE QUANTITIES

	ITEM	UNIT	TOTAL
	SAW-CUT GROOVING	S.Y.	1065
	42" F-SHAPED PARAPET	LF.	462.8
	STRUCTURAL STEEL M270 GRADE 50W	LB.	500,180
	STAINLESS STEEL FIXED BEARING ASSEMBLY	EA.	11
	STAINLESS STEEL EXP. BEARING ASSEMBLY	EA.	11
**	CLASS AA CONCRETE	C.Y.	301.6
	EPOXY COATED REINFORCING STEEL	LB.	70,990
	WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	601
	SEALED EXPANSION JOINTS	L.F.	42.1

** PLAN QUANTITY FOR CLASS "AA" CONCRETE INCLUDES 14.5 C.Y. FOR HAUNCHES OVER GIRDERS. THE HAUNCH HEIGHTS WILL BE SET AFTER ERECTION OF GIRDERS TO PROVIDE FOR DEAD LOAD DEFLECTION AND GRADE ADJUSTMENT, BUT THE PAY QUANTITY FOR HAUNCHES WILL BE AS SHOWN ABOVE.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

SUPERSTRUCTURE DETAILS
(SHEET 1 OF 3)

STATE JOB NO. 09032(107) SHEET NO. B013

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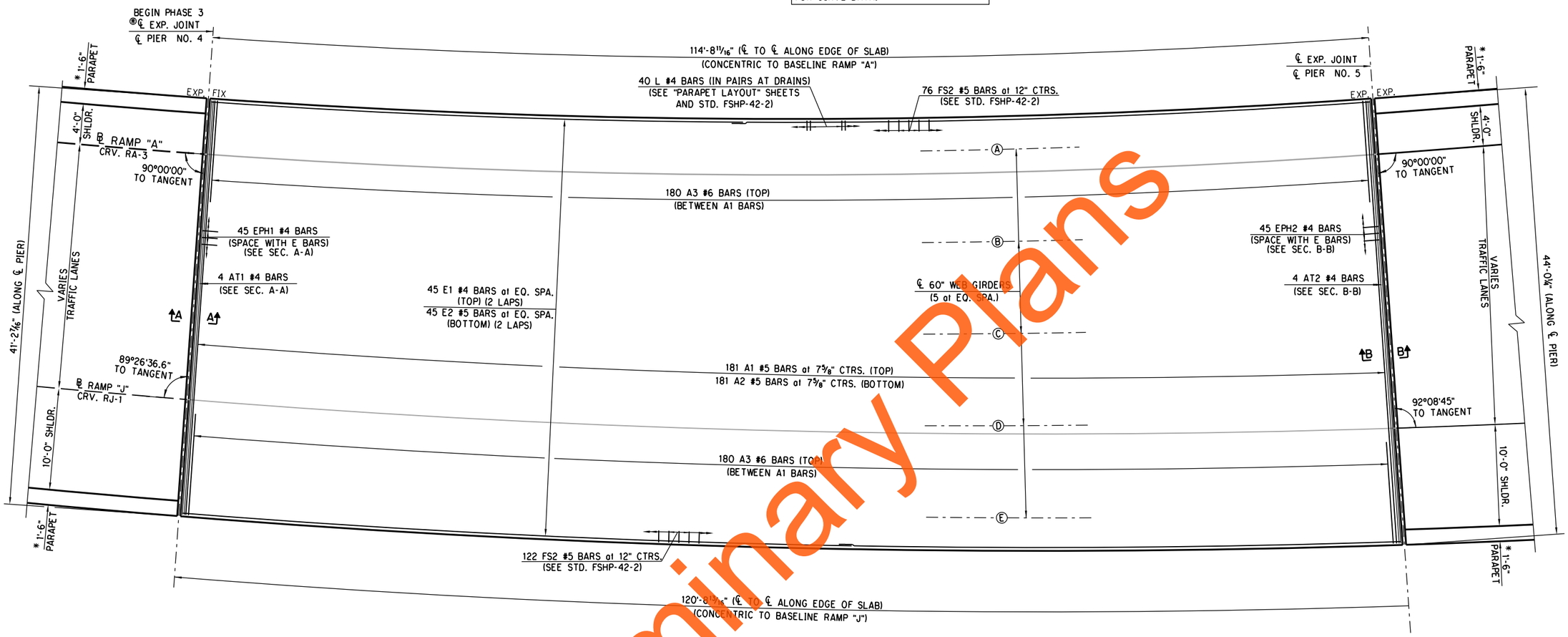
DESCRIPTION	REVISIONS	DATE

®EXPANSION JOINT AT PIER NO. 4
ACCOUNTED FOR IN PHASE 2

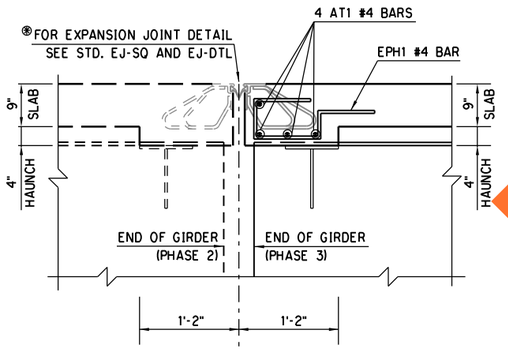
CURVE DATA RA-3, RJ-1
SEE ROADWAY SHEETS:
"GEOMETRIC COORDINATE POINT TABLES"
FOR CURVE DATA.

*NOTE: CONCRETE PARAPET OMITTED FROM SLAB FOR CLARITY.
(SEE "PARAPET LAYOUT" SHEETS AND STD. FSHP-42-2
FOR PARAPET DETAILS)



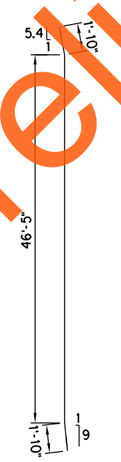
SLAB REINFORCING LAYOUT
SPAN 5

NOTE: FOR SECTION B-B, SEE SHEET 3 OF 3.

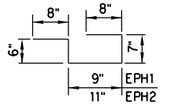


SECTION A-A

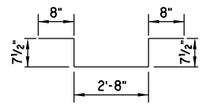
NOTE: SLAB REINFORCING OMITTED IN SECTIONS FOR CLARITY.



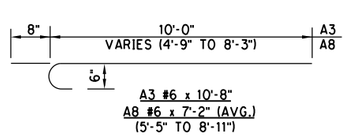
AT3 #4 x 50'-1"



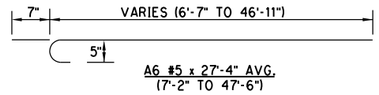
EPH1 #4 x 3'-2"
EPH2 #4 x 3'-4"



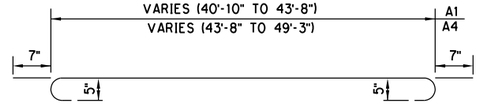
FPH #4 x 5'-3"



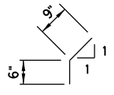
A3 #6 x 10'-8"
A8 #6 x 7'-2" (AVG.)
(5'-5" TO 8'-11")



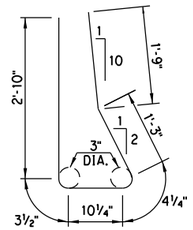
A6 #5 x 27'-4" AVG.
(7'-2" TO 47'-6")



A1 #5 x 43'-5" AVG.
(42'-0" TO 44'-10")
A4 #5 x 47'-7½" AVG.
(44'-10" TO 50'-5")



L #4 x 1'-3"



FS2 #5 x 7'-4"

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

SUPERSTRUCTURE DETAILS
(SHEET 2 OF 3)

STATE JOB NO. 09032(107) SHEET NO. B014

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DESCRIPTION	REVISIONS	DATE

END PHASE 3
℄ PIER NO. 6
℄ PROP. I-240

N 89°35'24.6" E

℄ EXP. JOINT
℄ PIER NO. 5

114'-8⅛" (℄ TO ℄ ALONG EDGE OF SLAB)
(CONCENTRIC TO BASELINE RAMP "A")

12 A6 #5 BARS at 7⅝" CTRS. (TOP)
12 A7 #5 BARS at 7⅝" CTRS. (BOTT.)

5'-0" PROJ. (E3 BARS)
3'-0" PROJ. (E4 BARS)
2'-0" ℄ JT.

*1'-6" PARAPET

EXP. EXP. FIX FIX

116 FS2 #5 BARS at 12" CTRS.
(SEE STD. FSHP-42-2)

4'-0" SHLDR.

℄ RAMP "A"
CRV. RA-3

90°00'00" TO TANGENT

2 A8 #6 BARS (TOP) (BTWN. A6 BARS)

100°24'18.3" TO TANGENT

℄ CONST. JT.

178 A3 #6 BARS (TOP)
(BETWEEN A4/A6 BARS)

51 EPH2 #4 BARS
(SPACE WITH E BARS)
(SEE SEC. B-B)

45 FPH #4 BARS
(SPACE WITH E BARS, BETWEEN GIRDERS A & F)
(SEE SEC. C-C)

4 AT2 #4 BARS
(SEE SEC. B-B)

50 E4 #5 BARS at EQ. SPA.
(25 TOP & 25 BOTT.) (1 LAP)

52 E3 #5 BARS at EQ. SPA.
(26 TOP & 26 BOTT.) (2 LAPS)

℄ 60" WEB GIRDERS
(6 at EQ. SPA.)

44'-0¼" (ALONG ℄ PIER)

VARIES TRAFFIC LANES

46'-4⅛"

50'-4¹¹⁄₁₆" (ALONG ℄ OF PIER)

87°51'15" TO TANGENT

℄ RAMP "J"
CRV. RJ-1

168 A4 #5 BARS at 7⅝" CTRS. (TOP)
168 A5 #5 BARS at 7⅝" CTRS. (BOTTOM)

1 AT3 #4 BARS
(SEE SEC. C-C)

83°32'27.8" TO TANGENT

3 AT4 #4 BARS
(SEE SEC. C-C)

168 A3 #6 BARS (TOP)
(BETWEEN A4 BARS)

10'-0" SHLDR.

*1'-6" PARAPET

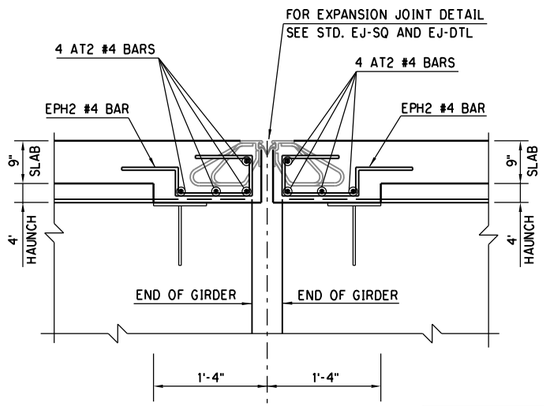
114 FS2 #5 BARS at 12" CTRS.
(SEE STD. FSHP-42-2)

112'-7¹¹⁄₁₆" (℄ TO ℄ ALONG EDGE OF SLAB)
(CONCENTRIC TO BASELINE RAMP "J")

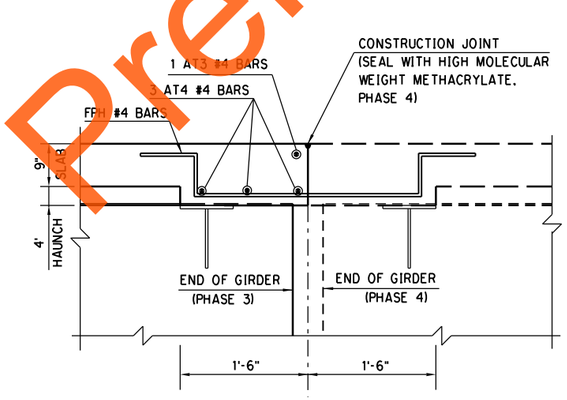
2'-0" ℄ JT.
3'-0" PROJ. (E4 BARS)
5'-0" PROJ. (E3 BARS)

NOTE:
EXTEND E3 BARS 5'-0" BEYOND CONSTRUCTION JOINT.
EXTEND E4 BARS 3'-0" BEYOND CONSTRUCTION JOINT.

SLAB REINFORCING LAYOUT
SPAN 6



SECTION B-B



SECTION C-C

NOTE: SLAB REINFORCING OMITTED IN SECTIONS FOR CLARITY.

Preliminary Plans

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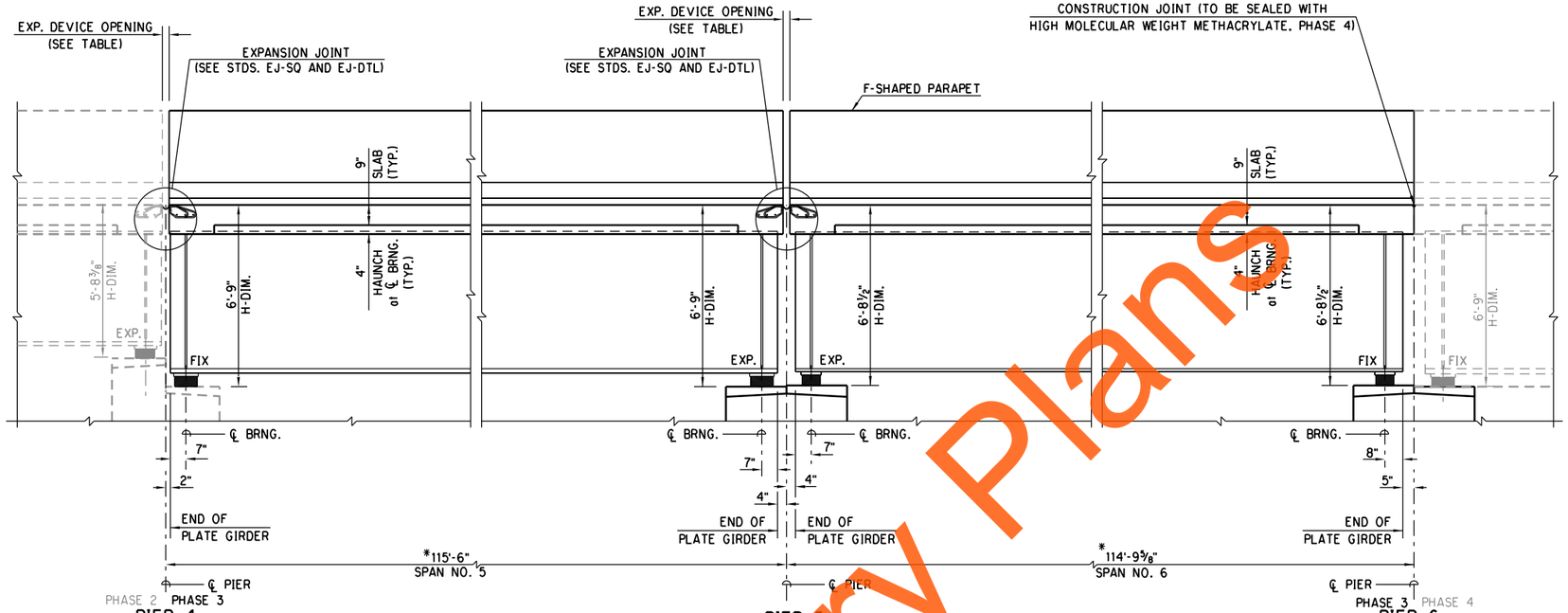
PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

SUPERSTRUCTURE DETAILS
(SHEET 3 OF 3)

STATE JOB NO. 09032(07) SHEET NO. B015

DESCRIPTION	REVISIONS	DATE



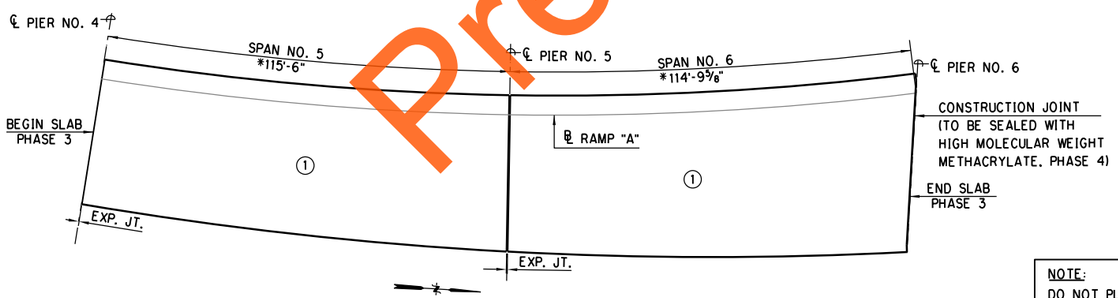
LONGITUDINAL SECTION

* SPAN LENGTHS MEASURED ALONG ℄ RAMP "A"

NOTE:
H-DIMENSION SHOWN IS MEASURED FROM TOP OF SLAB TO BOTTOM OF BEARING ASSEMBLY AT ℄ BEARING.

TABLE OF EXPANSION DEVICE SETTINGS

PIER NO. 4	TEMPERATURE	--	20°	33°	47°	60°	73°	87°	100°	--	--	--
	OPENING	--	2⅜"	2¼"	2⅛"	2"	1⅞"	1¾"	1⅝"	--	--	--
PIER NO. 5	TEMPERATURE	32°	39°	46°	53°	60°	64°	74°	81°	88°	95°	102°
	OPENING	2¼"	2⅜"	2¼"	2⅛"	2"	1⅞"	1¾"	1⅝"	1½"	1⅜"	1¼"



* LENGTHS MEASURED ALONG ℄ RAMP "A"

SLAB POURING SEQUENCE
SPANS NO. 5 AND 6

SLAB POURING SEQUENCE:

THE POURING SEQUENCE SHALL BE IN THE NUMERICAL SEQUENCE INDICATED. ALL POURS WITH THE SAME NUMBER MAY BE POURED EITHER SEPARATELY OR SIMULTANEOUSLY.

IN THE EVENT OF AN EMERGENCY, POURING OF DECK SLAB MAY BE HALTED WITH A CONSTRUCTION JOINT MADE PERPENDICULAR TO THE DIRECTION OF TRAFFIC AS DIRECTED BY THE ENGINEER. PRIMARY LONGITUDINAL REINFORCING SHALL BE CONTINUOUS THRU ALL CONSTRUCTION JOINTS. ADDITIONAL LONGITUDINAL REINFORCING WITHIN CLOSURE POURS SHALL BE CONTINUOUS THROUGH EMERGENCY CONSTRUCTION JOINTS. UNTIL THE SLAB IS IN PLACE ON BOTH SIDES OF THE CONSTRUCTION JOINT AND AT LEAST 48 HOURS HAS ELAPSED SINCE CONCRETE PLACEMENT, NO HEAVY EQUIPMENT WILL BE PERMITTED ON THE FINISHED DECK SLAB WITHIN 6 FEET OF ANY CONSTRUCTION JOINT.

ALL CONSTRUCTION JOINTS WITHIN THE DECK SLAB SHALL BE SEALED USING HIGH MOLECULAR WEIGHT METHACRYLATE IN ACCORDANCE WITH SECTION 523 OF THE STANDARD SPECIFICATIONS. ALL COST OF THE HIGH MOLECULAR WEIGHT METHACRYLATE SEALER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF "SEALER RESIN". ALL COST FOR EQUIPMENT AND LABOR FOR THE INSTALLATION OF THE HIGH MOLECULAR WEIGHT METHACRYLATE SEALER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF "SEALER CRACK PREPARATION".

NOTE:
DO NOT PLACE THE CONCRETE FOR THE DECK SLAB OR APPLY OTHER MASSIVE LOADS TO THE BEAMS OR DIAPHRAGMS UNTIL THE CONCRETE IN THE DIAPHRAGMS HAS BEEN IN PLACE A MINIMUM OF 10 DAYS OR AT THE DISCRETION OF THE ENGINEER. THE ENGINEER MAY APPROVE SHORTENED TIME IF BOTH THE BEAM AND DIAPHRAGM CONCRETE HAS ATTAINED 80% OF THE SPECIFIED COMPRESSIVE STRENGTH.

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

LONGITUDINAL SECTION AND SLAB POURING SEQUENCE

STATE JOB NO. 09032(07) SHEET NO. B016

Preliminary Plans

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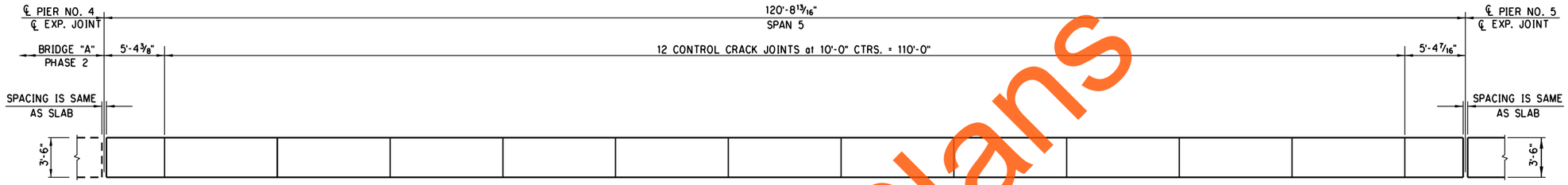
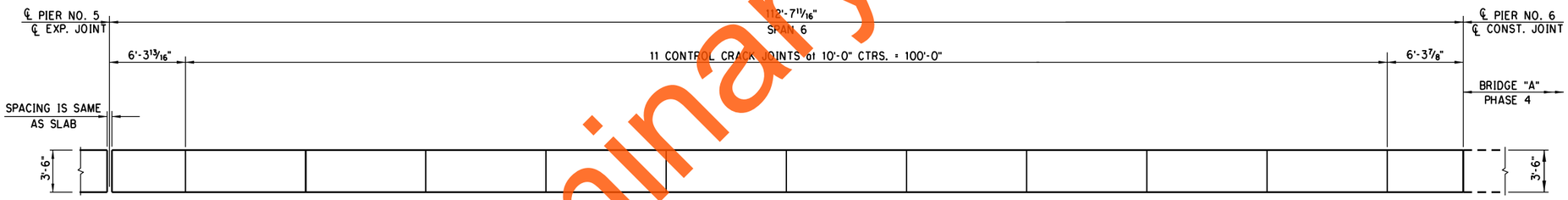
REVISIONS		
DESCRIPTION		DATE



EAST PARAPET JOINT SPACING
SPAN NO. 5

(DIMENSIONS SHOWN ARE ℄ PIER to ℄ PIER ALONG OUTSIDE EDGE OF SLAB)



EAST PARAPET JOINT SPACING
SPAN NO. 6

(DIMENSIONS SHOWN ARE ℄ PIER to ℄ PIER ALONG OUTSIDE EDGE OF SLAB)

Preliminary Plans

NOTE: FOR ADDITIONAL DETAILS,
SEE STD. FSHP-42-2.

PHASE 3 OKLAHOMA COUNTY

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

PARAPET LAYOUT
(SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. B017

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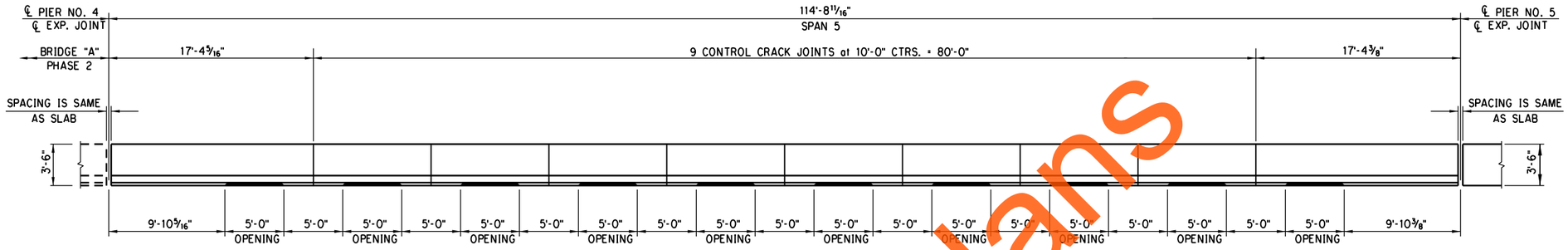
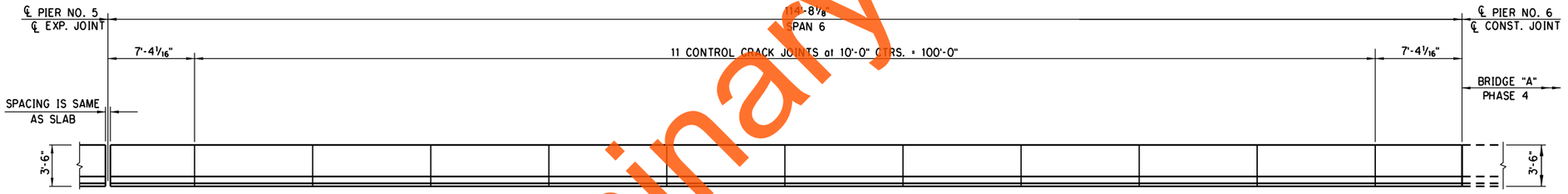


WEST PARAPET OPENING AND JOINT SPACING
SPAN NO. 5

(DIMENSIONS SHOWN ARE ℄ PIER to ℄ PIER ALONG OUTSIDE EDGE OF SLAB)



WEST PARAPET JOINT SPACING
SPAN NO. 6

(DIMENSIONS SHOWN ARE ℄ PIER to ℄ PIER ALONG OUTSIDE EDGE OF SLAB)

NOTE: FOR ADDITIONAL DETAILS,
SEE STD. FSHP-42-2.

Preliminary Plans

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DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

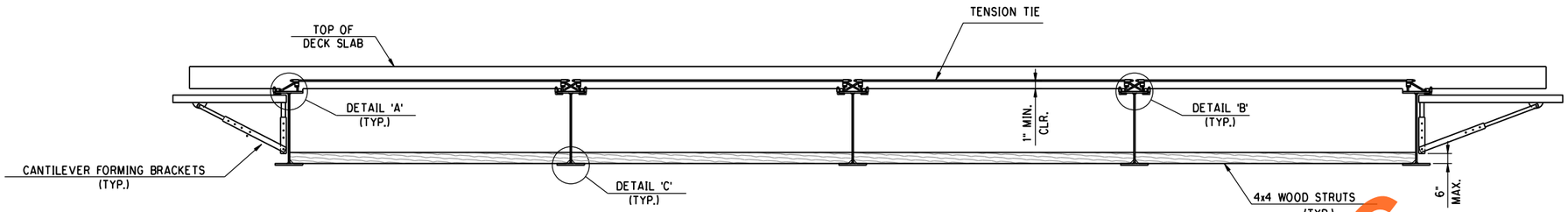
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

PARAPET LAYOUT

(SHEET 2 OF 2)

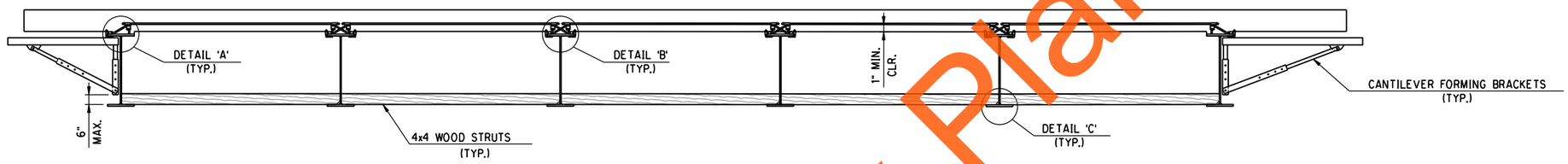
STATE JOB NO. 09032(07) SHEET NO. B018

REVISIONS		
DESCRIPTION		DATE



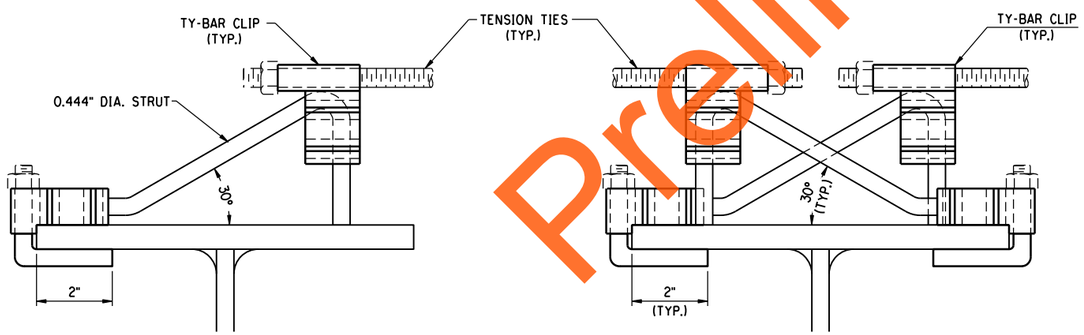
GIRDER BRACING FOR DECK SLAB PLACEMENT
(SPAN 5)

NOTE:
SPACING OF FORMING BRACES, TENSION TIES, AND HARDWOOD STRUTS TO BE DETERMINED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA FOR THE LOADS ANTICIPATED DURING CONSTRUCTION. SEE GENERAL NOTES FOR ADDITIONAL DETAILS.

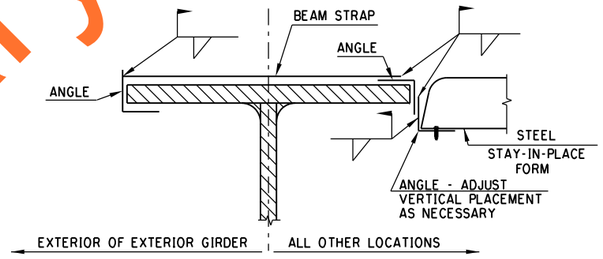


GIRDER BRACING FOR DECK SLAB PLACEMENT
(SPAN 6)

Preliminary Plans

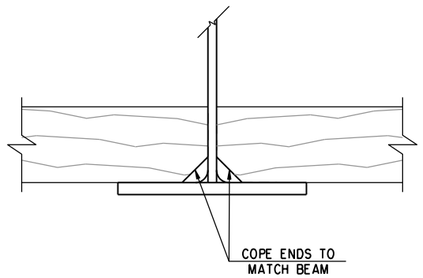


DETAIL 'A' DETAIL 'B'



STEEL STAY-IN-PLACE FORMS FLANGE CONNECTION DETAIL

REPORT ANY ARC STRIKE, WELD SPLATTER OR WELDING ON TOP FLANGE TO BRIDGE ENGINEER IMMEDIATELY.



DETAIL 'C'

BRACING SYSTEM SHOWN FOR ILLUSTRATION PURPOSES ONLY. ALTERNATIVE SYSTEMS MAY BE CONSIDERED. SEE GENERAL NOTES FOR DESIGN REQUIREMENTS AND LIMITATIONS.

BRACING NOTES

SUBMIT DRAWINGS OF THE BRACING SYSTEM TO THE BRIDGE ENGINEER FOR APPROVAL. BRACING SYSTEMS OTHER THAN THAT SHOWN MAY BE USED IF DESIGN CALCULATIONS AND DRAWINGS OF THE PROPOSED BRACING SYSTEM ARE SUBMITTED TO AND APPROVED BY THE BRIDGE ENGINEER. DRAWINGS AND CALCULATIONS OF THE PROPOSED SYSTEM SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA. DO NOT PLACE SLAB CONCRETE UNTIL BRACING SYSTEM IS APPROVED. THE DEPARTMENT CONSIDERS ALL COST FOR BRACING TO BE INCLUDED IN OTHER ITEMS OF WORK.

USE ADJUSTABLE CANTILEVER FORMING BRACKETS AT EXTERIOR BEAMS CAPABLE OF BEING ADJUSTED DURING THE PLACEMENT OF DECK SLAB CONCRETE IN ORDER TO MAINTAIN PROPER GRADES AT THE DECK OVERHANG. IF SHIMS ARE TO BE USED TO ADJUST THE FORMING BRACKETS, PROVIDE THE BRIDGE ENGINEER A METHOD TO PREDICT CRUSH AND SETTLEMENT OF SHIMS. BEAR THE LEG BRACE OF THE BRACKETS ON THE BEAM WEB WITHIN 6 INCHES OF THE BOTTOM FLANGE.

TENSION TIES SHALL BE A MINIMUM #4 EPOXY-COATED REINFORCING STEEL BARS WITH THREADED ENDS OR ½" DIA. GALVANIZED ALL-THREAD, FURNISHED BY THE CONTRACTOR. THE TENSION TIES SHALL BE PLACED PERPENDICULAR TO THE GIRDERS. TENSION TIES SHALL BE ATTACHED TO THE TOP FLANGE OF GIRDERS BY MEANS OF TY-BAR CLIPS AS SHOWN ON THE DETAILS. WELDING OF CLIPS TO THE TOP FLANGE OF GIRDERS WILL NOT BE PERMITTED.

WOOD STRUTS SHALL BE HARDWOOD OR OF AN EQUIVALENT STRENGTH MATERIAL. WEDGE STRUTS BETWEEN GIRDER WEBS WITHIN 6" OF THE BOTTOM FLANGE OF EACH GIRDER. LOCATE WOOD STRUTS WHERE THE TOP OF THE GIRDERS ARE TIED TOGETHER WITH TENSION TIES.

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

GIRDER BRACING DETAILS

STATE JOB NO. 09032(06) SHEET NO. B019

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DESCRIPTION	REVISIONS	DATE

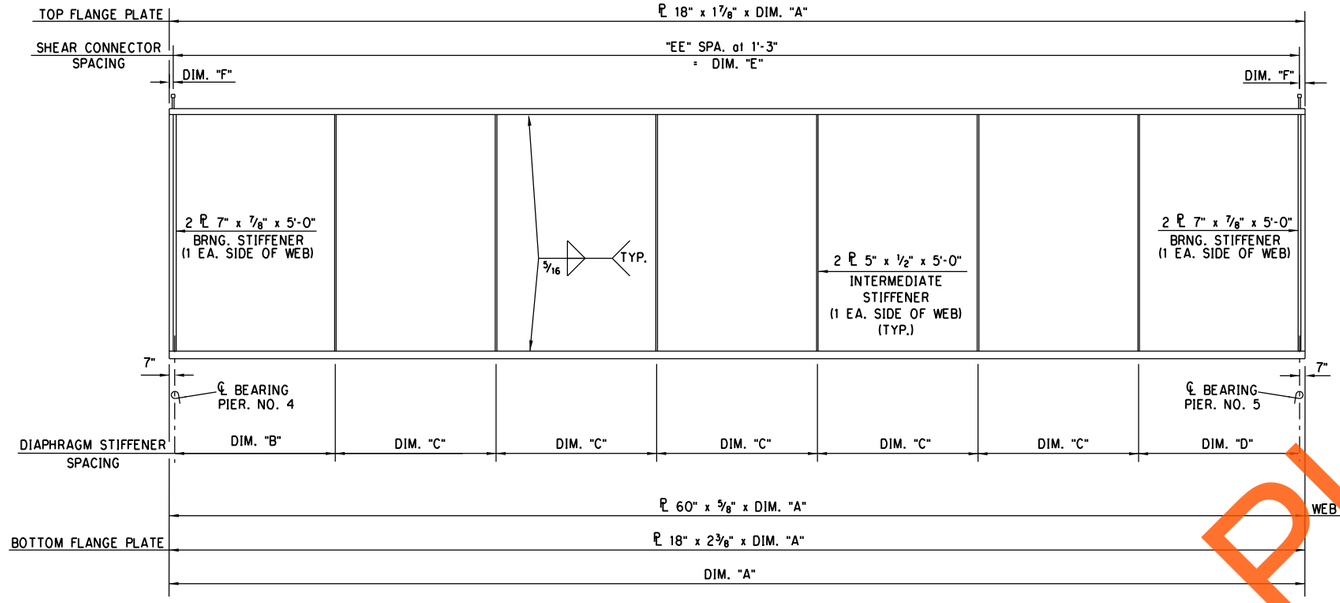

PLATE GIRDER ELEVATION SPAN 5

NOTE: GIRDER DIMENSIONS ARE ALONG ℄ ARC OF WEB.

SPAN 5 GIRDER DIMENSION SCHEDULE

GIRDER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	"EE"	DIM "E"	DIM "F"	CURVE RADIUS
A	114'-8 3/16"	16'-3 15/16"	16'-3 3/16"	16'-10 3/8"	91	113'-9"	5 9/16"	816.26'
B	115'-11 3/8"	16'-5 7/16"	16'-5 1/16"	16'-2 5/8"	92	115'-0"	5 11/16"	877.10'
C	117'-2 5/8"	16'-6 15/16"	16'-6 15/16"	16'-6 15/16"	93	116'-3"	5 13/16"	937.70'
D	118'-5 15/16"	16'-8 7/16"	16'-8 7/8"	16'-11 1/4"	94	117'-6"	5 15/16"	998.29'
E	119'-9 5/16"	16'-9 15/16"	16'-10 3/4"	17'-3 9/16"	95	118'-9"	6 3/16"	1058.88'

	GIRDER LINE	0.0L	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	1.0L
DECK SLAB, HAUNCH, RAIL & 5 psf SIP FORMS (IN INCHES)	A	0.00	0.50	0.95	1.30	1.53	1.60	1.53	1.31	0.96	0.51	0.00
	B	0.00	0.59	1.11	1.52	1.78	1.87	1.78	1.52	1.11	0.59	0.00
	C	0.00	0.66	1.25	1.71	2.00	2.10	2.00	1.71	1.25	0.66	0.00
	D	0.00	0.73	1.38	1.89	2.22	2.33	2.22	1.90	1.39	0.73	0.00
	E	0.00	0.81	1.53	2.09	2.45	2.57	2.45	2.09	1.53	0.81	0.00
TOTAL DEFLECTION (NO FUTURE WEARING SURFACE) (IN INCHES)	A	0.00	0.69	1.30	1.78	2.08	2.19	2.08	1.78	1.30	0.69	0.00
	B	0.00	0.80	1.51	2.07	2.42	2.54	2.42	2.07	1.51	0.80	0.00
	C	0.00	0.90	1.70	2.32	2.72	2.86	2.73	2.33	1.70	0.90	0.00
	D	0.00	1.00	1.88	2.58	3.02	3.17	3.02	2.58	1.89	1.00	0.00
	E	0.00	1.10	2.08	2.85	3.34	3.51	3.34	2.85	2.08	1.10	0.00

DEAD LOAD DEFLECTION DIAGRAM AND DEFLECTION SCHEDULE

DECK SLAB ELEVATION SCHEDULE AT 10TH POINTS

GIRDER	SPAN 5										
	PIER 4 BRNG.	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	PIER 5 BRNG.
A	1318.98	1319.24	1319.50	1319.74	1319.98	1320.21	1320.43	1320.65	1320.85	1321.05	1321.24
B	1319.50	1319.76	1320.02	1320.27	1320.51	1320.75	1320.97	1321.19	1321.40	1321.61	1321.80
C	1320.02	1320.29	1320.54	1320.80	1321.04	1321.28	1321.51	1321.74	1321.95	1322.16	1322.37
D	1320.54	1320.81	1321.07	1321.33	1321.57	1321.82	1322.05	1322.28	1322.50	1322.72	1322.93
E	1321.06	1321.33	1321.60	1321.85	1322.11	1322.35	1322.59	1322.83	1323.05	1323.28	1323.49

Preliminary Plans

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PHASE 3 OKLAHOMA COUNTY
BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

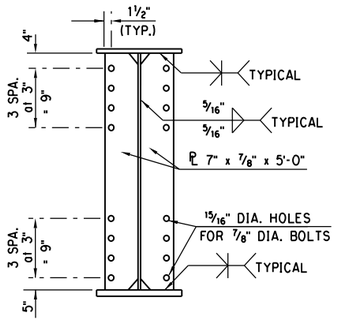
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PLATE GIRDER DETAILS SPAN 5

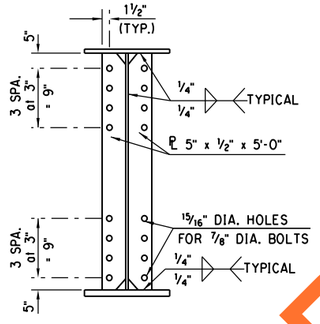
(SHEET 1 OF 2)

STATE JOB NO. 09032(107) SHEET NO. B020

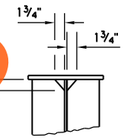
DESCRIPTION	REVISIONS	DATE



BEARING STIFFENER
PIERS NO. 4 AND 5



INTERMEDIATE STIFFENER

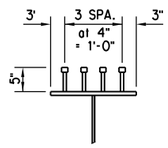


TYP. CORNER CLIP
(ALL STIFFENERS TOP AND BOTTOM)

NOTE: TERMINATE FILLET WELDS ⅜" FROM THE EDGE OF CLIPPED CORNERS OF ALL STIFFENER PLATES AND NON-CLIPPED CORNERS OF INTERMEDIATE DIAPHRAGM STIFFENERS. WRAP FILLET WELDS AROUND NON-CLIPPED CORNERS OF BEARING STIFFENERS.

NOTE: SEE PLATE GIRDER ELEVATION, SHEET 1 OF 2, AND "FRAMING PLAN AND DIAPHRAGM DETAILS" SHEET FOR LOCATIONS OF STIFFENERS.

OMIT BOLT HOLES ON EXTERIOR STIFFENERS ON EXTERIOR GIRDERS.



STUD
SHEAR CONNECTORS
(4 - 7/8" DIA. x 5" STUDS)

NOTES:

ALL GIRDER, STIFFENER AND SPLICE PLATES SHALL BE AASHTO M270, (ASTM A709) GRADE 50WT2.

ALL GIRDER, STIFFENER AND SPLICE PLATES SHALL CONFORM TO THE NON-FRACTURE CRITICAL CHARPY V-NOTCH TESTED FOR ZONE 2.

USE SHEAR CONNECTORS CONFORMING TO AASHTO M169 (ASTM A108), GRADE 1015, 1018, 1020.

PROVIDE WELDING WITH WEATHERING CHARACTERISTICS.

ALL HIGH STRENGTH BOLTS SHALL BE 7/8" DIA. CONFORMING TO AASHTO M164 (ASTM A325) TYPE 3 (WEATHERING) WITH HEAVY HEX NUTS, CONFORMING TO AASHTO M291 (ASTM A563), PROPERTY CLASS 8S3 OR 10S3, AND HARDENED CIRCULAR WASHERS, CONFORMING TO AASHTO M293 (ASTM F436) TYPE 3 (WEATHERING) WITH 15/16" DIA. HOLES, UNLESS OTHERWISE NOTED.

SPLICE BOLTS SHALL BE PLACED WITH HEADS ON THE OUTSIDE FACE OF EXTERIOR GIRDERS AND ON BOTTOM OF GIRDER FLANGES.

BOLT THREADS MUST BE EXCLUDED FROM FIELD SPLICE SHEAR PLANES.

NO FIELD WELDING TO GIRDERS WILL BE ALLOWED EXCEPT AS SHOWN ON PLANS.

GIRDERS ARE SHOWN AND DIMENSIONED WITH TOP FLANGE IN THE HORIZONTAL POSITION. VERTICAL CURVATURE AND EFFECTS OF DEAD LOAD DEFLECTION HAVE NOT BEEN TAKEN INTO CONSIDERATION. SHOP DRAWINGS SHALL INCLUDE BLOCKING DIAGRAM FOR EACH GIRDER SHOWING ALL ADJUSTMENTS NECESSARY FOR DEAD LOAD DEFLECTION AND VERTICAL CURVATURE. THE WEB PLATES SHALL BE FABRICATED WITH CAMBER FOR DEAD LOAD DEFLECTION AND VERTICAL CURVATURE.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PLATE GIRDER DETAILS
SPAN 5
(SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. B021

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DESCRIPTION		DATE

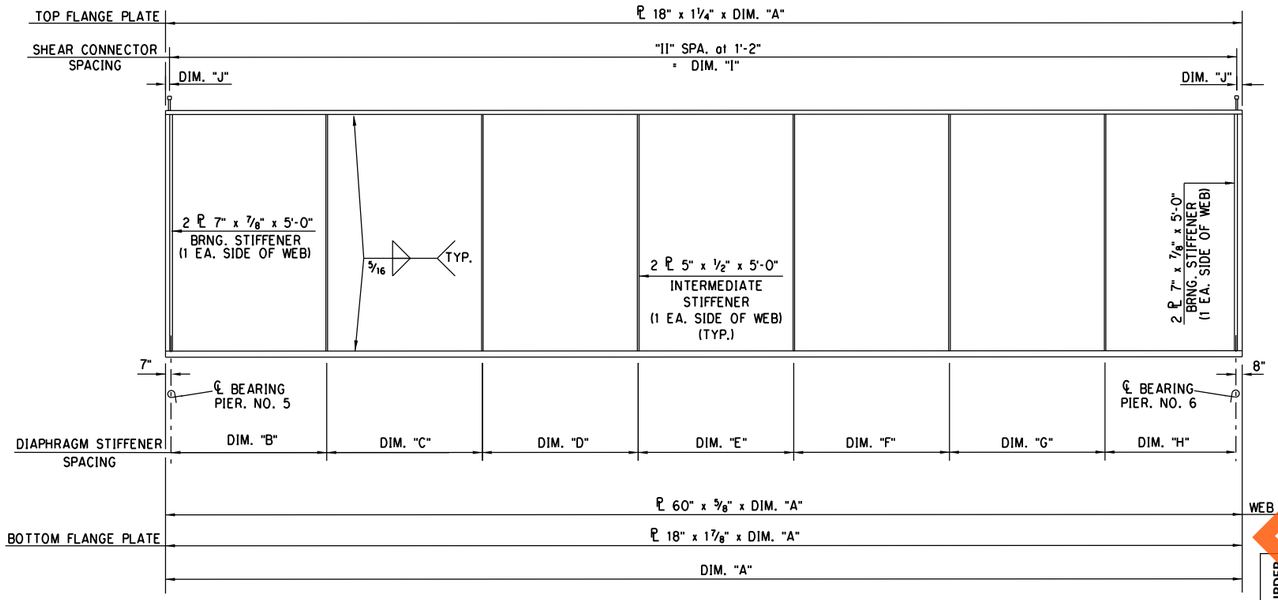

PLATE GIRDER ELEVATION SPAN 6

NOTE: GIRDER DIMENSIONS ARE ALONG ℄ ARC OF WEB.

SPAN 6 GIRDER DIMENSION SCHEDULE

GIRDER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"	DIM "H"	"II"	DIM "I"	DIM "J"	CURVE RADIUS
A	114'-1 11/16"	16'-2 ¼"	16'-1 15/16"	16'-1 ⅞"	16'-1 13/16"	16'-1 ¾"	16'-1 11/16"	16'-7 7/16"	97	113'-2"	5 13/16"	816.26'
B	113'-8 ¼"	16'-2 ¾"	16'-3 9/16"	16'-3 9/16"	16'-3 ½"	16'-3 ½"	16'-3 7/16"	14'-8 15/16"	97	113'-2"	3 ⅛"	864.78'
C	113'-3"	16'-3 ¼"	16'-5 ¼"	16'-5 ¼"	16'-5 ¼"	16'-5 ¼"	16'-5 ¼"	13'-6 9/16"	96	112'-0"	7 ½"	913.31'
D	112'-9 15/16"	16'-3 ¾"	16'-6 ⅞"	16'-6 15/16"	16'-6 15/16"	16'-7"	16'-7 1/16"	12'-4 5/16"	96	112'-0"	4 15/16"	961.83'
E	112'-5 1/16"	16'-4 ¼"	16'-8 9/16"	16'-8 11/16"	16'-8 ¾"	16'-8 13/16"	16'-8 15/16"	11'-2"	96	112'-0"	2 9/16"	1010.36'
F	112'-0 5/16"	16'-4 ¾"	16'-10 9/16"	16'-10 7/16"	16'-10 9/16"	16'-10 11/16"	16'-10 13/16"	9'-11 ¾"	95	110'-10"	7 3/16"	1058.88'

	GIRDER LINE	0.0L	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	1.0L
DECK SLAB, HAUNCH, RAIL & 5 psf SIP FORMS (IN INCHES)	A	0.00	0.63	1.19	1.62	1.90	2.00	1.91	1.63	1.19	0.63	0.00
	B	0.00	0.66	1.25	1.71	2.00	2.10	2.00	1.71	1.25	0.66	0.00
	C	0.00	0.69	1.30	1.78	2.08	2.19	2.08	1.78	1.28	0.69	0.00
	D	0.00	0.71	1.34	1.84	2.15	2.26	2.15	1.84	1.27	0.71	0.00
	E	0.00	0.73	1.38	1.89	2.22	2.33	2.22	1.90	1.25	0.73	0.00
	F	0.00	0.75	1.43	1.96	2.30	2.41	2.29	1.96	1.23	0.70	0.00
TOTAL DEFLECTION (NO FUTURE WEARING SURFACE) (IN INCHES)	A	0.00	0.84	1.58	2.17	2.54	2.67	2.54	2.17	1.53	0.84	0.00
	B	0.00	0.88	1.66	2.28	2.67	2.80	2.67	2.28	1.67	0.88	0.00
	C	0.00	0.91	1.73	2.37	2.77	2.91	2.77	2.37	1.71	0.92	0.00
	D	0.00	0.94	1.79	2.44	2.86	3.01	2.87	2.45	1.69	0.95	0.00
	E	0.00	0.97	1.84	2.52	2.96	3.11	2.96	2.53	1.67	0.97	0.00
	F	0.00	1.00	1.90	2.61	3.06	3.21	3.05	2.61	1.64	0.94	0.00

DEAD LOAD DEFLECTION DIAGRAM AND DEFLECTION SCHEDULE

DECK SLAB ELEVATION SCHEDULE AT 10TH POINTS

GIRDER	SPAN 6										
	PIER 5 BRNG.	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	PIER 6 BRNG.
A	1321.27	1321.45	1321.62	1321.78	1321.94	1322.09	1322.23	1322.36	1322.48	1322.60	1322.71
B	1321.72	1321.90	1322.07	1322.24	1322.40	1322.56	1322.70	1322.84	1325.97	1323.09	1323.21
C	1322.17	1322.35	1322.53	1322.70	1322.87	1323.02	1323.18	1323.32	1323.46	1323.59	1323.71
D	1322.62	1322.81	1322.99	1323.16	1323.33	1323.50	1323.65	1323.80	1323.95	1324.08	1324.22
E	1323.07	1323.26	1323.44	1323.62	1323.80	1323.97	1324.13	1324.28	1324.44	1324.58	1324.72
F	1323.52	1323.71	1323.90	1324.09	1324.26	1324.44	1324.61	1324.77	1324.93	1325.08	1325.22

Preliminary Plans

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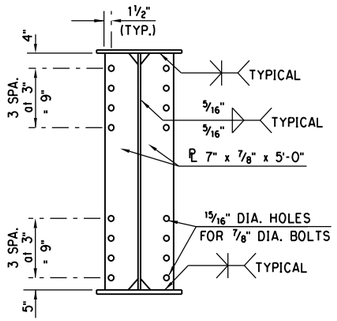
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

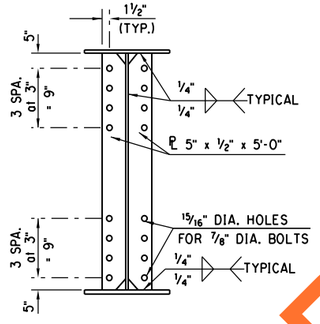
PLATE GIRDER DETAILS
SPAN 6
(SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. B022

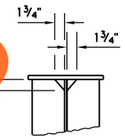
REVISIONS		
DESCRIPTION		DATE



BEARING STIFFENER
PIERS NO. 5 AND 6



INTERMEDIATE STIFFENER

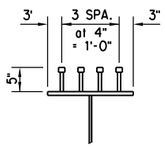


TYP. CORNER CLIP
(ALL STIFFENERS TOP AND BOTTOM)

NOTE: TERMINATE FILLET WELDS ⅜" FROM THE EDGE OF CLIPPED CORNERS OF ALL STIFFENER PLATES AND NON-CLIPPED CORNERS OF INTERMEDIATE DIAPHRAGM STIFFENERS. WRAP FILLET WELDS AROUND NON-CLIPPED CORNERS OF BEARING STIFFENERS.

NOTE: SEE PLATE GIRDER ELEVATION, SHEET 1 OF 2, AND "FRAMING PLAN AND DIAPHRAGM DETAILS" SHEET FOR LOCATIONS OF STIFFENERS.

OMIT BOLT HOLES ON EXTERIOR STIFFENERS ON EXTERIOR GIRDERS.



STUD
SHEAR CONNECTORS
(4 - 7/8" DIA. x 5" STUDS)

NOTES:

ALL GIRDER, STIFFENER AND SPLICE PLATES SHALL BE AASHTO M270, (ASTM A709) GRADE 50WT2.

ALL GIRDER, STIFFENER AND SPLICE PLATES SHALL CONFORM TO THE NON-FRACTURE CRITICAL CHARPY V-NOTCH TESTED FOR ZONE 2.

USE SHEAR CONNECTORS CONFORMING TO AASHTO M169 (ASTM A108), GRADE 1015, 1018, 1020.

PROVIDE WELDING WITH WEATHERING CHARACTERISTICS.

ALL HIGH STRENGTH BOLTS SHALL BE 7/8" DIA. CONFORMING TO AASHTO M164 (ASTM A325) TYPE 3 (WEATHERING) WITH HEAVY HEX NUTS, CONFORMING TO AASHTO M291 (ASTM A563), PROPERTY CLASS 8S3 OR 10S3, AND HARDENED CIRCULAR WASHERS, CONFORMING TO AASHTO M293 (ASTM F436) TYPE 3 (WEATHERING) WITH 15/16" DIA. HOLES, UNLESS OTHERWISE NOTED.

SPLICE BOLTS SHALL BE PLACED WITH HEADS ON THE OUTSIDE FACE OF EXTERIOR GIRDERS AND ON BOTTOM OF GIRDER FLANGES.

BOLT THREADS MUST BE EXCLUDED FROM FIELD SPLICE SHEAR PLANES.

NO FIELD WELDING TO GIRDERS WILL BE ALLOWED EXCEPT AS SHOWN ON PLANS.

GIRDERS ARE SHOWN AND DIMENSIONED WITH TOP FLANGE IN THE HORIZONTAL POSITION. VERTICAL CURVATURE AND EFFECTS OF DEAD LOAD DEFLECTION HAVE NOT BEEN TAKEN INTO CONSIDERATION. SHOP DRAWINGS SHALL INCLUDE BLOCKING DIAGRAM FOR EACH GIRDER SHOWING ALL ADJUSTMENTS NECESSARY FOR DEAD LOAD DEFLECTION AND VERTICAL CURVATURE. THE WEB PLATES SHALL BE FABRICATED WITH CAMBER FOR DEAD LOAD DEFLECTION AND VERTICAL CURVATURE.

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

PLATE GIRDER DETAILS
SPAN 6
(SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. B023

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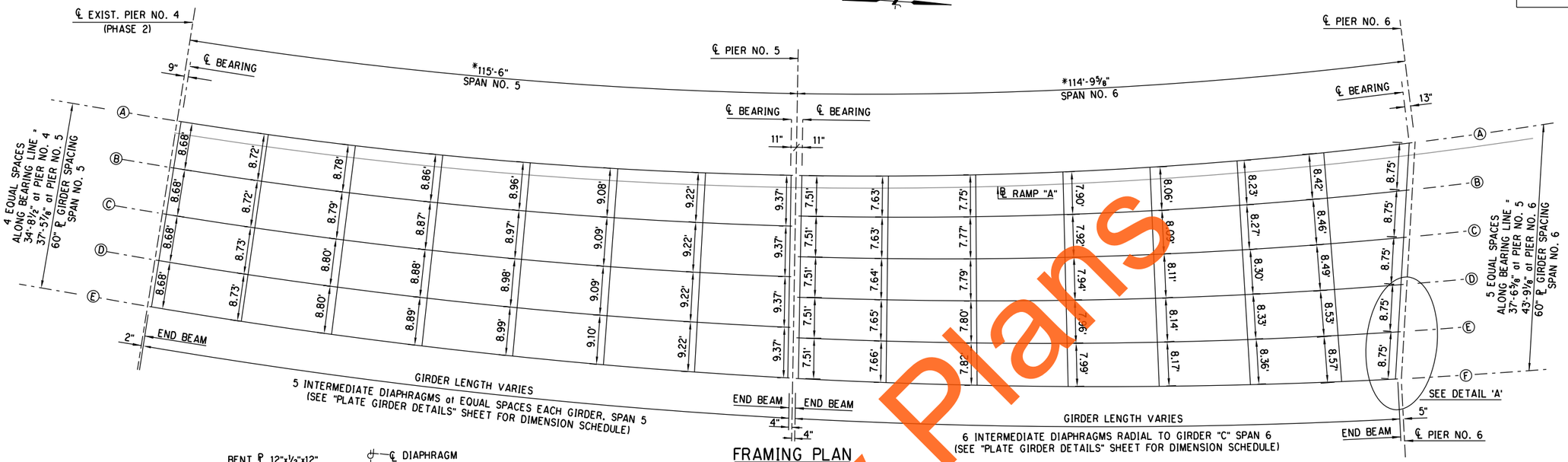
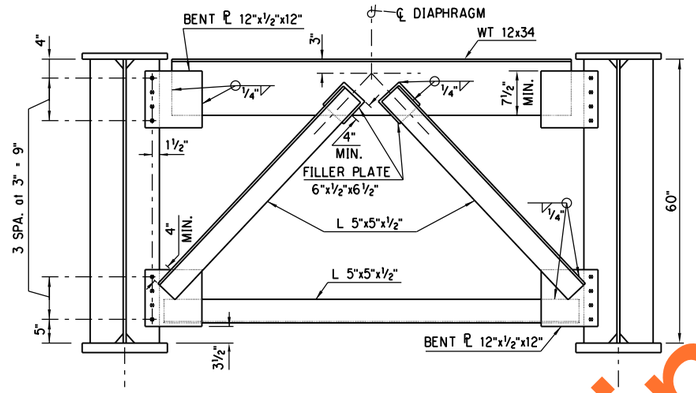
REVISIONS		
DESCRIPTION		DATE

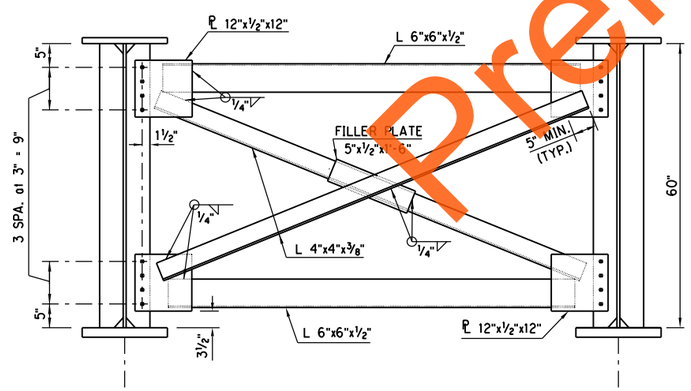
*NOTE: SPAN LENGTH IS ALONG ℄ RAMP "A"



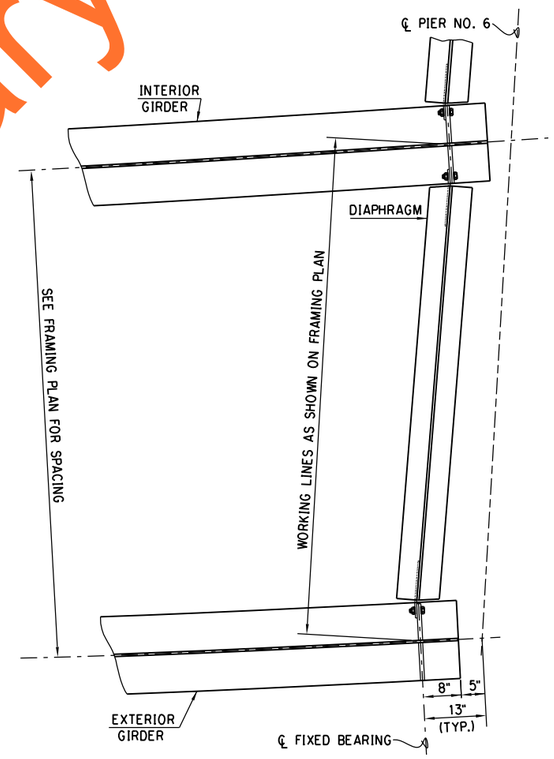
FRAMING PLAN
SPANS 5 AND 6



SPANS NO. 5 AND 6 END DIAPHRAGMS
(PIERS NO. 4, 5 AND 6)
(M270 GRADE 50W STEEL)



SPANS NO. 5 AND 6 INTERMEDIATE DIAPHRAGMS
(M270 GRADE 50W STEEL)



DETAIL 'A'
DETAIL AT PIER NO. 6

Preliminary Plans

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY
BRIDGE "A" — RAMP "A" AT I-35 & I-240 INTERCHANGE

FRAMING PLAN AND DIAPHRAGM DETAILS

STATE JOB NO. 09032(107) SHEET NO. B024

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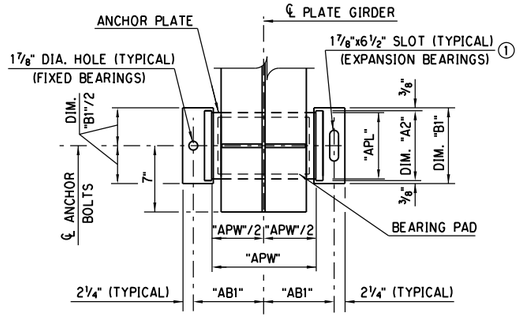
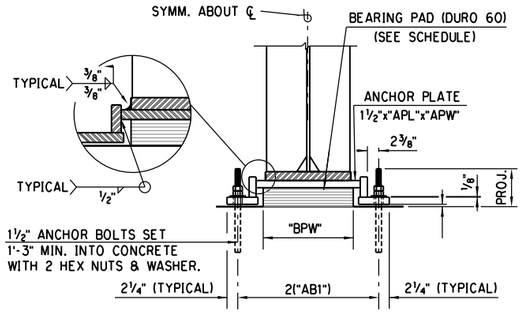


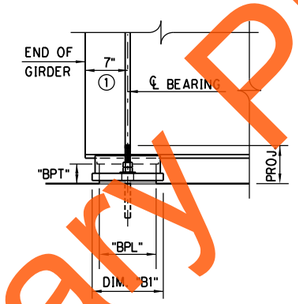
PLAN

NOTE: ANCHOR BOLTS OMITTED FROM PLAN VIEW FOR CLARITY.

① ANCHOR BOLTS SHALL BE CENTERED IN SLOTS DURING SETTING OF BEAMS. DIMENSION MAY VARY DEPENDING ON TEMPERATURE AT THE TIME OF BEAM SETTING.



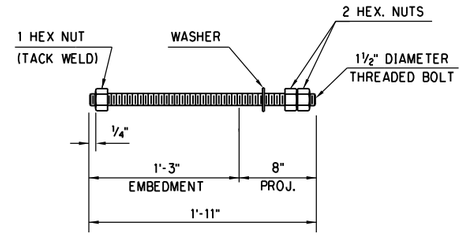
ELEVATION



SIDE VIEW

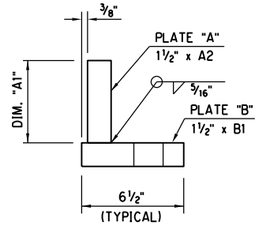
(SEE SCHEDULE FOR DIMENSIONS)

DETAILS OF END BEARING ASSEMBLY



DETAIL OF BEARING ANCHOR BOLT

(SEE SEC. 724.05 OF THE STANDARD SPECIFICATIONS.)

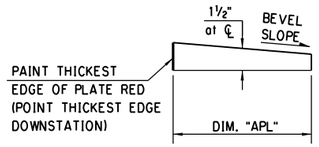


(SEE SCHEDULE FOR DIMENSIONS)

BUILT-UP CONTACT ANGLE DETAIL

BEARING PAD, ANCHOR ASSEMBLY AND ANCHOR BOLT SCHEDULE

		60 DUROMETER BEARING PAD										1 1/2" ANCHOR PLATE			1 1/2" BUILT-UP CONTACT ANGLE			
SPAN	LOCATION	THICKNESS	LENGTH	WIDTH	COVER		INNER		LAMINATES			LENGTH	WIDTH	BEVEL	PLATE "A"		PLATE "B"	
		"BPT"	"BPL"	"BPW"	No.	Thick	No.	Thick	No.	Thick		DIM."APL"	DIM."APW"		DIM "A1"	DIM "A2"	DIM "B1"	DIM "AB1"
5	PIER 4	4⅛"	10"	1'-3"	2	¼"	7	⅜"	8	⅛"		11"	1'-10"	1.50%	4 ¼"	1'-0 ¼ "	1'-1"	1'-2⅛"
	PIER 5	4⅛"	10"	1'-3"	2	¼"	7	⅜"	8	⅛"		11"	1'-10"	1.50%	4 ¼"	1'-0 ¼ "	1'-1"	1'-2⅛"
6	PIER 5	3½"	8"	1'-3"	2	¼"	7	⅜"	8	⅛"		9"	1'-10"	1.00%	4 ¼"	10 ¼"	11"	1'-2⅛"
	PIER 6	4⅛"	8"	1'-3"	2	¼"	7	⅜"	8	⅛"		9"	1'-10"	1.00%	4 ¼"	10 ¼"	11"	1'-2⅛"



(SEE SCHEDULE FOR DIMENSIONS)

BEVELED ANCHOR PLATE DETAILS

BEARING ASSEMBLY NOTES:

PROVIDE STRUCTURAL STEEL ANCHOR PLATES AND BUILT-UP CONTACT PLATES IN ACCORDANCE WITH ASTM A240 (AUSTENITIC STAINLESS STEEL TYPE 316, CHARPY V-NOTCH TESTING NOT REQUIRED). FOR ANCHOR BOLTS, PROVIDE CONTINUOUSLY THREADED BARS IN ACCORDANCE WITH ASTM A320, CLASS 2, GRADE B8M (AUSTENITIC STAINLESS STEEL, TYPE 316, CHARPY V-NOTCH TESTING NOT REQUIRED). USE AUSTENITIC STAINLESS STEEL NUTS AND WASHERS CONFORMING TO ASTM A194, GRADE 8M AND ASTM A320, RESPECTIVELY. PERFORM ALL WELDING CONSISTENT WITH PROCEDURES FOR STAINLESS STEEL. SEE SEC 724.05 OF THE STANDARD SPECIFICATIONS.

Preliminary Plans

PHASE 3 OKLAHOMA COUNTY

BRIDGE "A" RAMP "A" AT I-35 & I-240 INTERCHANGE

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SQUAD	POE	

BEARING ASSEMBLY DETAILS

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STORM WATER MANAGEMENT PLAN

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SITE DESCRIPTION

PROJECT LIMITS: I-240/I-35 INTERCHANGE RECONSTRUCTION - PHASE 3

PROJECT DESCRIPTION: GRADING, DRAINAGE, SURFACING AND BRIDGE PLANS

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR WILL INSTALL ALL PERIMETER TEMPORARY SEDIMENT CONTROLS SPECIFIED. STRIP, STOCKPILE AND STABILIZE TOPSOIL. CLEAR AND GRUB ONLY IN NECESSARY AREAS, PRESERVING AS MUCH NATIVE VEGETATION AS POSSIBLE. INSTALL, MAINTAIN AND/OR MOVE TEMPORARY SEDIMENT ITEMS WITH CONSTRUCTION OPERATIONS AS PRACTICAL. IF DIRECTED BY THE ENGINEER, PLANT TEMPORARY SEEDING. REPLACE SALVAGED TOPSOIL AND DEVICES WHEN AN ACCEPTABLE VEGETATIVE COVER (AT LEAST 70%) HAS BEEN ATTAINED. AS SITE CONDITIONS WARRANT, THE CONTRACTOR MAY CHOOSE TO MODIFY THE TYPE OR ARRANGEMENT OF SPECIFIED PRACTICES TO IMPROVE THEIR EFFECTIVENESS AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL MAINTAIN A LOG OF THE DATES OF MAJOR SOIL DISTURBANCE ACTIVITIES, AND ALSO THE DATES OF INSTALLATION OF EROSION CONTROL MEASURES.

SOIL TYPE: SANDY LOAM

TOTAL AREA OF THE CONSTRUCTION SITE: 58 ACRES

ESTIMATED AREA TO BE DISTURBED: 18 ACRES

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 24 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 25 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.84

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 35°23'30.40" N 97°29'42.27" W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO LIGHTNING CREEK
UNAMED TRIBUTARY TO CROOKED OAK CREEK

SENSITIVE WATERS OR WATERSHEDS:	YES [ ]	NO [X]
303(d) IMPAIRED WATERS:	YES [ ]	NO [X]
IF YES, LIST IMPAIRMENT:		
LOCATED IN A TMDL:	YES [ ]	NO [X]
LAKE THUNDERBIRD TMDL:	YES [ ]	NO [X]
MS4 ENTITY	YES [X]	NO [ ]
IF YES, LOCATION:	OKC	

NOTE:
THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- ____ TEMPORARY SEEDING
- _X_ PERMANENT SODDING, SPRIGGING OR SEEDING
- _X_ VEGETATIVE MULCHING
- ____ SOIL RETENTION BLANKET
- _X_ PRESERVATION OF EXISTING VEGETATION
- ____ HYDROMULCH / HYDROSEED

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- ____ STABILIZED CONSTRUCTION EXIT
- _X_ TEMPORARY SILT FENCE
- _X_ TEMPORARY SILT DIKES
- ____ TEMPORARY FIBER LOG
- ____ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- ____ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- _X_ ROCK FILTER DAMS
- ____ TEMPORARY SLOPE DRAIN
- ____ PAVED DITCH W/ DITCH LINER PROTECTION
- ____ TEMPORARY DIVERSION CHANNELS
- ____ TEMPORARY SEDIMENT BASINS
- ____ TEMPORARY SEDIMENT TRAPS
- ____ TEMPORARY SEDIMENT FILTERS
- ____ TEMPORARY SEDIMENT REMOVAL
- ____ RIP RAP
- _X_ INLET PROTECTION
- ____ TEMPORARY BRUSH SEDIMENT BARRIERS
- ____ SANDBAG BERMS
- ____ TEMPORARY STREAM CROSSINGS
- ____ FLEXAMAT / ARTICULATED CONCRETE BLOCK
- ____ COMPOST FILTER SOCKS
- ____ EROSION CONTROL MATS AND BLANKETS

OFFSITE VEHICLE TRACKING:

- _X_ HAUL ROADS DAMPENED FOR DUST CONTROL
- _X_ LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- _X_ EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS, PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

103.05	BONDING REQUIREMENTS
104.10	FINAL CLEANING UP
104.12	CONTRACTOR'S RESPONSIBILITY FOR WORK
104.13	ENVIRONMENTAL PROTECTION
106.08	STORAGE AND HANDLING OF MATERIAL
107.01	LAWS, RULES AND REGULATIONS TO BE OBSERVED
107.20	STORM WATER MANAGEMENT
220	MANAGEMENT OF EROSION, SEDIMENTATION, AND STORM WATER POLLUTION PREVENTION
221	TEMPORARY SEDIMENT CONTROL

IN ADDITION:

"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, OCTOBER 18, 2022.

ADDITIONAL PERMITS REQUIRED FROM OKLAHOMA WATER RESOURCES BOARD AND/OR MUNCIPALITY FOR USE OF SURFACE, GROUND OR CITY WATER SOURCES FOR ACTIVITIES SUCH AS WATERING.

Preliminary Plans

DESIGN		
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PHASE 3 OKLAHOMA COUNTY

STORM WATER MANAGEMENT PLAN

STATE JOB NO. 09032(07) SHEET NO. R001

6/29/2023 4:33:55 PM
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REVISED 8-1-2022

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

DRAINAGE STRUCTURE DESIGN RECORD

STRUCTURE NO.	STATION & LOCATION	DESCRIPTION	DESIGN	DESIGN YEAR	DRAINAGE AREA	ANTICIPATED LAND USE	AVG. SLOPE OF WATERSHED	RUNOFF COEFFICIENT (WEIGHTED)	LENGTH OF OVERLAND FLOW	SLOPE OF OVERLAND	LENGTH OF CHANNEL FLOW	SLOPE OF CHANNEL	TIME OF CONCENTRATION	INTENSITY OF DESIGN YEAR "I" (RAINFALL)	DESIGN YEAR DISCHARGE Q_N	DESIGN DISCHARGE BYPASS Q_{BYPASS}	TOTAL DISCHARGE IN CONDUIT Q_{TOTAL}	SPREAD	DESIGN TAILWATER	TOP OF COVER OR GRATE	STRUCTURE FLOW LINE	OUTLET FLOW LINE	STRUCTURE SLOPE	MAXIMUM ALLOWABLE HEADWATER	FLOW VELOCITY V_N	CONTROLLING HEADWATER	TYPE OF HYDRAULIC CONTROL
				N	ACRES		%	C	FT	%	FT	%	MIN.	IN\HR	CFS	CFS	CFS	FT	ELEV				%	ELEV	FT\SEC	ELEV	
CD2	CL I-240 STA. 419+63.94	EXTEND EXIST. 10' X 5' RCB 75' LG. LT.	RCB-C1-10(2-14), SBI-5	50	43.28	CM	1.60	0.73	1027	1.95	1,456	1.35	27.33	5.40	170.53		571.51		1268.89		1265.19	1264.81	0.51	1279.03	14.00	1275.52	INLET
	4.67' LT.																										
EB1	CL I-240 STA. 416+25.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.17	PV	1.78	0.95	64	3.42	121	0.91	5.00	9.83	1.45	0.33	1.13	4.59		1278.27	1273.00	1272.90	2.94		5.64		
	1.06' RT.	TO STR. WB10																									
EB2	CL I-240 STA. 417+50.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.18	PV	2.31	0.95	68	3.72	120	1.51	5.00	9.83	1.54	0.24	1.30	4.22		1279.42	1274.09	1273.99	2.94		5.92		
	1.06' RT.	TO STR. WB12																									
EB3	CL I-240 STA. 418+75.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.18	PV	2.84	0.95	76	4.03	121	2.09	5.00	9.83	1.63	0.27	1.36	4.11		1281.31	1275.98	1275.88	2.94		6.00		
	1.06' RT.	TO STR. WB14																									
EB4	CL I-240 STA. 421+50.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 3.40' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.21	PV	3.34	0.95	83	3.61	145	3.18	5.00	9.83	1.85	0.33	1.52	3.82		1288.07	1282.74	1282.64	2.94		6.20		
	1.56' RT.	TO STR. WB19																									
EB5	CL I-240 STA. 423+00.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 5.10' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.30	PV	2.15	0.95	266	2.03	49	2.82	6.67	9.15	1.99	0.39	1.60	4.02		1292.81	1287.27	1287.17	2.94		6.29		
	3.54' RT.	TO STR. WB22																									
EB6	CL I-240 STA. 423+00.00	CONST. ILB TYPE 2 DES. 2 W/ 18" X 91.21' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	50	0.22(EB)	PV	1.30	0.95	47	1.00	590	1.33	8.14	8.75	1.87		9.67	2.70		1293.62	1287.26	1286.37	1.02		7.17		
	1.06' RT.	W/ CET TO OUTLET			0.22(WB)	PV	1.30	0.95	47	1.00	590	1.33	8.14	8.75	1.87												
EB7	DELETED																										
WB4	CL I-240 STA. 403+50.00	CONST. ILB TYPE 2 DES. 2 W/ 22" X 13" X 253.85' LG.	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.11(EB)	PV	1.13	0.95	10	5.10	446	1.04	5.34	9.70	0.95	0.10	3.28	3.36		1269.45	1265.20	1264.27	0.37		3.64		
	CL	RCPA TO EXIST. RCB			0.44(WB)	PV	1.47	0.95	71	2.49	296	1.22	6.35	9.33	3.29	0.86		5.35		1269.45							
WB5	CL I-240 STA. 406+50.00	CONST. ILB TYPE 1 DES. 2 W/ 18" X 20.37' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.22	PV	0.71	0.95	70	0.73	135	0.70	6.54	9.26	1.34	0.31	3.40	4.61		1273.16	1266.00	1264.79	5.94		10.66		
	1.06' LT.	TO EXIST. RCB																									
WB6	CL I-240 STA. 408+00.00	CONST. ILB TYPE 2 DES. 2 W/ 18" X 144.63' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.15(EB)	PV	0.58	0.95	10	5.10	597	0.50	7.83	8.84	1.22	0.17	2.06	4.89		1274.12	1268.79	1267.83	0.66		3.97		
	CL	TO STR. WB5			0.15(WB)	PV	0.58	0.95	10	5.10	597	0.50	7.83	8.84	1.16	0.15		4.80		1274.12							
WB8	CL I-240 STA. 414+00.00	CONST. ILB TYPE 2 DES. 2 W/ 18" X 220.34' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.17(EB)	PV	0.94	0.95	62	2.05	220	0.51	6.60	9.24	1.48	0.25	2.20	4.87		1277.13	1272.50	1271.40	0.50		3.66		
	CL	TO STR. WB10			0.15(WB)	PV	1.21	0.95	12	5.33	595	1.13	6.23	9.37	1.13	0.16		4.40		1277.13							
WB10	CL I-240 STA. 416+25.00	CONST. 4.0' DIA. MH W/ 18" X 120.95' LG. RCP TO	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													3.33			1278.64	1271.40	1270.79	0.50		4.09		
	5.00' LT.	STR. WB12																									
WB12	CL I-240 STA. 417+50.00	CONST. 4.0' DIA. MH W/ 18" X 120.89' LG. RCP TO	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													4.63			1279.79	1270.79	1270.18	0.50		4.43		
	5.00' LT.	STR. WB14																									
WB13	CL I-240 STA. 418+75.00	CONST. 4.0' DIA. MH W/ 24" X 77.37' LG. RCP	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													11.56			1280.97	1268.85	1267.09	2.27		9.80		
	63.00' LT.	TO STR. CD2																									
WB14	CL I-240 STA. 418+75.00	CONST. 4.0' DIA. MH W/ 24" X 54.00' LG. RCP	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													11.56			1281.68	1270.18	1268.85	2.46		11.56		
	5.00' LT.	TO STR. WB13																									
WB17	CL I-240 STA. 420+00.00	CONST. 4.0' DIA. MH W/ 18" X 120.89' LG. RCP TO	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													5.57			1284.42	1278.51	1275.88	2.18		5.57		
	7.75' LT.	STR. WB14																									
WB18	CL I-240 STA. 420+00.00	CONST. ILB TYPE 2 DES. 2 W/ 18" X 3.42' LG. RCP	CLB-2, SPI-5, SPB-2, FHTCP-4	10	0.21(EB)	PV	3.38	0.95	82	4.50	144	2.75	5.00	9.83	1.94	0.37	2.45	4.10		1283.94	1278.61	1278.51	2.93		7.12		
	CL	TO STR. WB17		10	0.15(WB)	PV	2.66	0.95	47	1.83	550	2.73	6.49	9.28	0.98	0.10		3.17		1283.94							
WB19	CL I-240 STA. 421+50.00	CONST. 4.0' DIA. MH W/ 18" X 145.85' LG. RCP TO	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													3.12			1288.44	1282.64	1278.51	2.83		7.53		
	5.00' LT.	STR. WB17																									
WB22	CL I-240 STA. 423+00.00	CONST. 4.0' DIA. MH W/ 18" X 145.86' LG. RCP TO	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													1.60			1293.18	1287.17	1282.64	3.11		6.42		
	5.00' LT.	STR. WB19																									
D1	BL RAMP D STA. 87+30.25	CONST. 4.0' DIA. MH ON EXIST. RCP W/ 18" X 127.79' LG.	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													8.10			1282.62	1277.50	1276.57	0.73		6.16		
	4.60' RT.	RCP TO STR. D2																									
D2	BL RAMP D STA. 85+99.00	CONST. 4.0' DIA. MH W/ 18" X 144.33' LG. RCP	MJB-4, MFC-4, SPI-5, SPB-2, FHTCP-4	10													8.10			1281.92	1276.57	1275.52	0.73		6.16		
	16.50' RT.	TO STR. D3																									
D3	BL RAMP D STA. 84+50.00	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/	CI-2, MJB-4, MFC-4, SPI-5, SPB-2,	10	0.38	PV	0.52	0.86	50	2.30	569	0.36	11.09	7.95	1.97	0.15	9.92	5.82		1280.17	1275.52	1273.17	0.80		6.41		
	10.00' RT.	28" X 18" X 297.2' LG. RCPA TO STR. D4	FHTCP-4																								
D4	BL RAMP D STA. 81+48.00	CONST. CI DES. 3(STD) W/ 28" X 18" X 42.5' LG. RCPA	CI-2, SPI-5, SPB-2, FHTCP-4	10	0.44	PV	0.58	0.86	62	2.15	569	0.41	11.17	6.02	2.44	0.22	12.14	6.16		1277.77	1273.17	1272.57	1.40		8.31		
	10.00' RT.	TO EXIST. RCB																									
D5	BL RAMP D STA. 79+50.00	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/	CI-2, MJB-4, MFC-4, SPI-5, SPB-2,	50	0.65	PV	1.07	0.79	63	2.30	186	0.66	8.13	8.75	4.97		4.97	6.39		1276.46	1273.04	1272.57	0.33		4.07		
	10.00' RT.	18" X 141.12' LG. RCP TO EXIST. RCB	FHTCP-4																								
D6	BL RAMP D STA. 77+98.00	CONST. CI DES. 3(STD) W/ LARGE JUNCT. BOX W/	CI-2, MJB-4, MFC-4, SPI-5, SPB-2,	10	0.46	PV	1.02	0.86	62	1.93	148	0.64	6.74	9.20	2.80	0.28	2.52	6.74		1277.01	1273.09	1272.34	0.40		3.50		
	10.00' RT.	22" X 13" X 188.23' LG. RCPA TO EXIST. RCB	FHTCP-4																								
D7	BL RAMP D STA. 67+62.54	CONST. 30" X 212.14' LG. RCP W/ PCES EACH END @	SPI-5, SPB-2, PCES-5, FHTCP-4	50	4.27	PS	6.39	0.56	49	3.63	148	7.30	7.86	8.83	21.13		21.13		1282		1282.15	1281.16	0.47	1290.16	7.64	1285.58	INLET
	CL	STA. 67+47.75, 62.00' LT. & STA. 68+67.00, 13.75' RT.																									

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE STRUCTURE DESIGN RECORD (SHEET 1 OF 1)

STATE JOB NO. 09032(07) SHEET NO. R002

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

390 390

395 395

400 400

405 405

C.R.L. I-240

N89°24'24.62"E

WB4

DA=0.44 AC.

℄ I-240

DA=0.11 AC.

50' 0 50' 100'

SCALE

DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE AREA MAP (C.R.L. I-240) (SHEET 1 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R003

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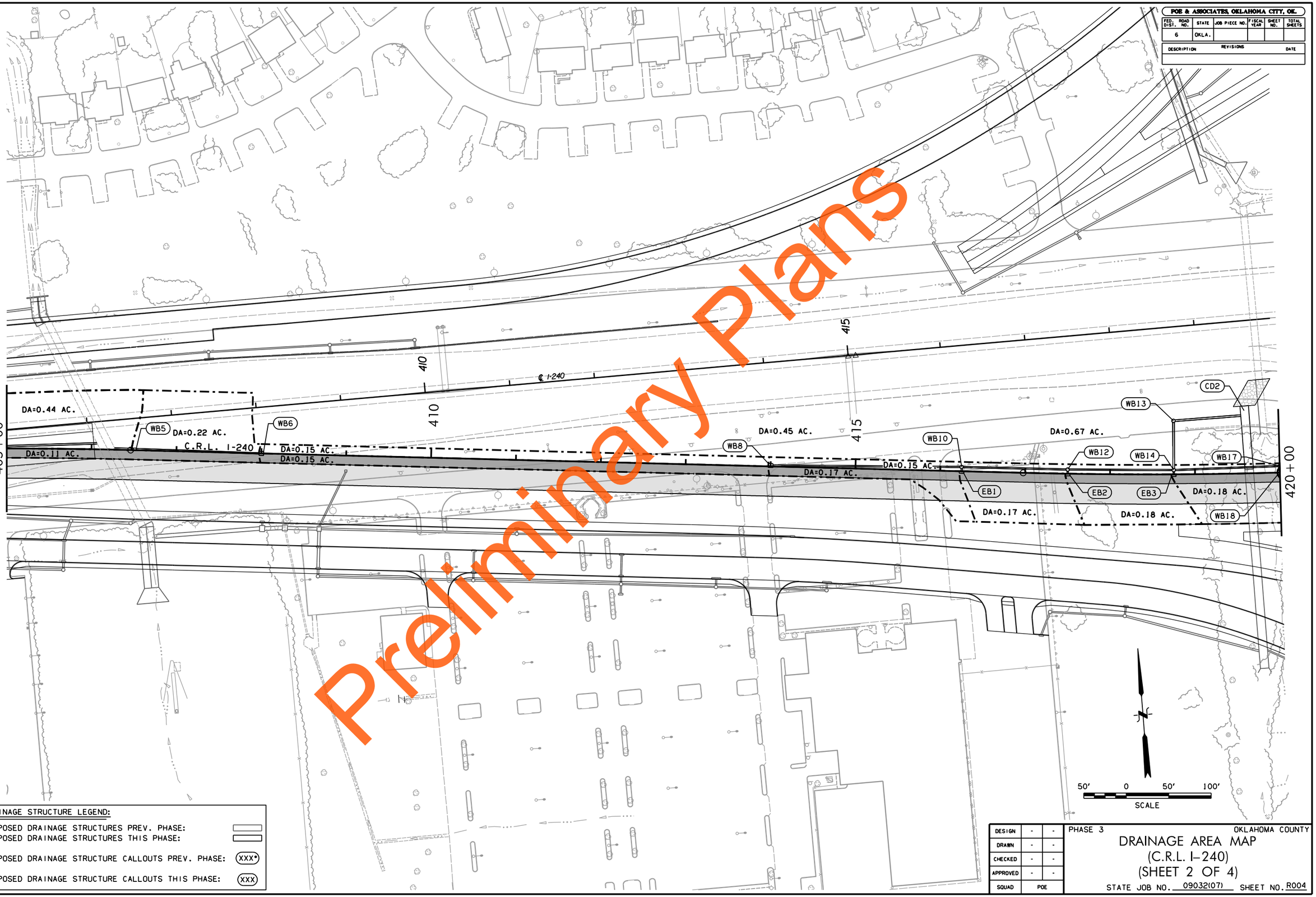
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



Preliminary Plans

DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE AREA MAP (C.R.L. I-240) (SHEET 2 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R004

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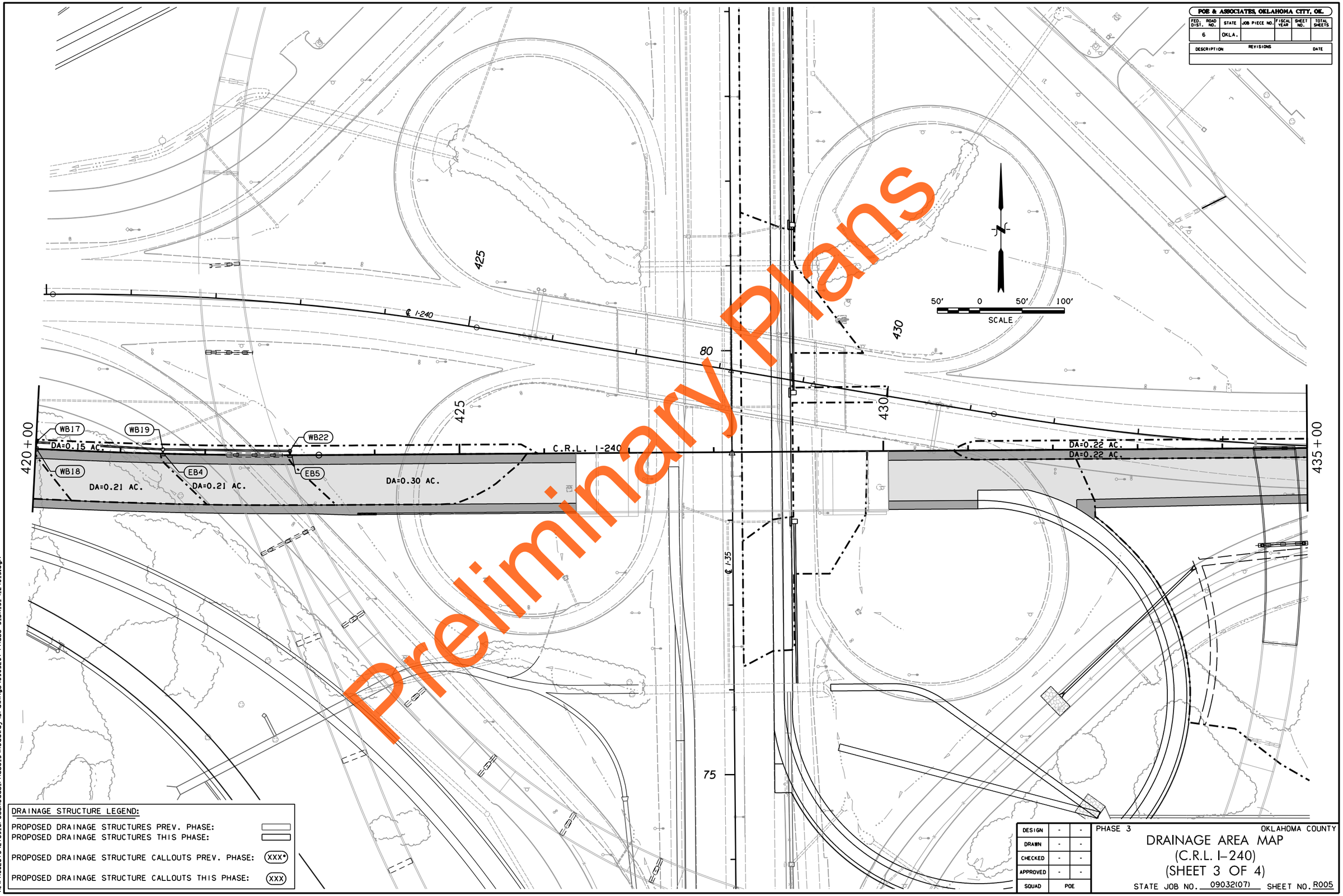
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans



DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3

OKLAHOMA COUNTY

DRAINAGE AREA MAP
(C.R.L. I-240)
(SHEET 3 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R005

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

Preliminary Plans

435+00

450+00

440

445

EB6

DA=0.22 AC.

DA=0.22 AC.

℄ I-240

C.R.L. I-240

DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

50′ 0 50′ 100′

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE AREA MAP
(C.R.L. I-240)
(SHEET 4 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R006

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

80+00

C.R.L. I-240

D5

D6

D7

430

435

440

DA=0.65 AC.

DA=0.46 AC.

DA=4.27 AC.

℄ I-35

75

75

0

℄ RAMP "D"

Preliminary Plans

50′ 0 50′ 100′

SCALE

DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE AREA MAP (RAMP "D") (SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R007

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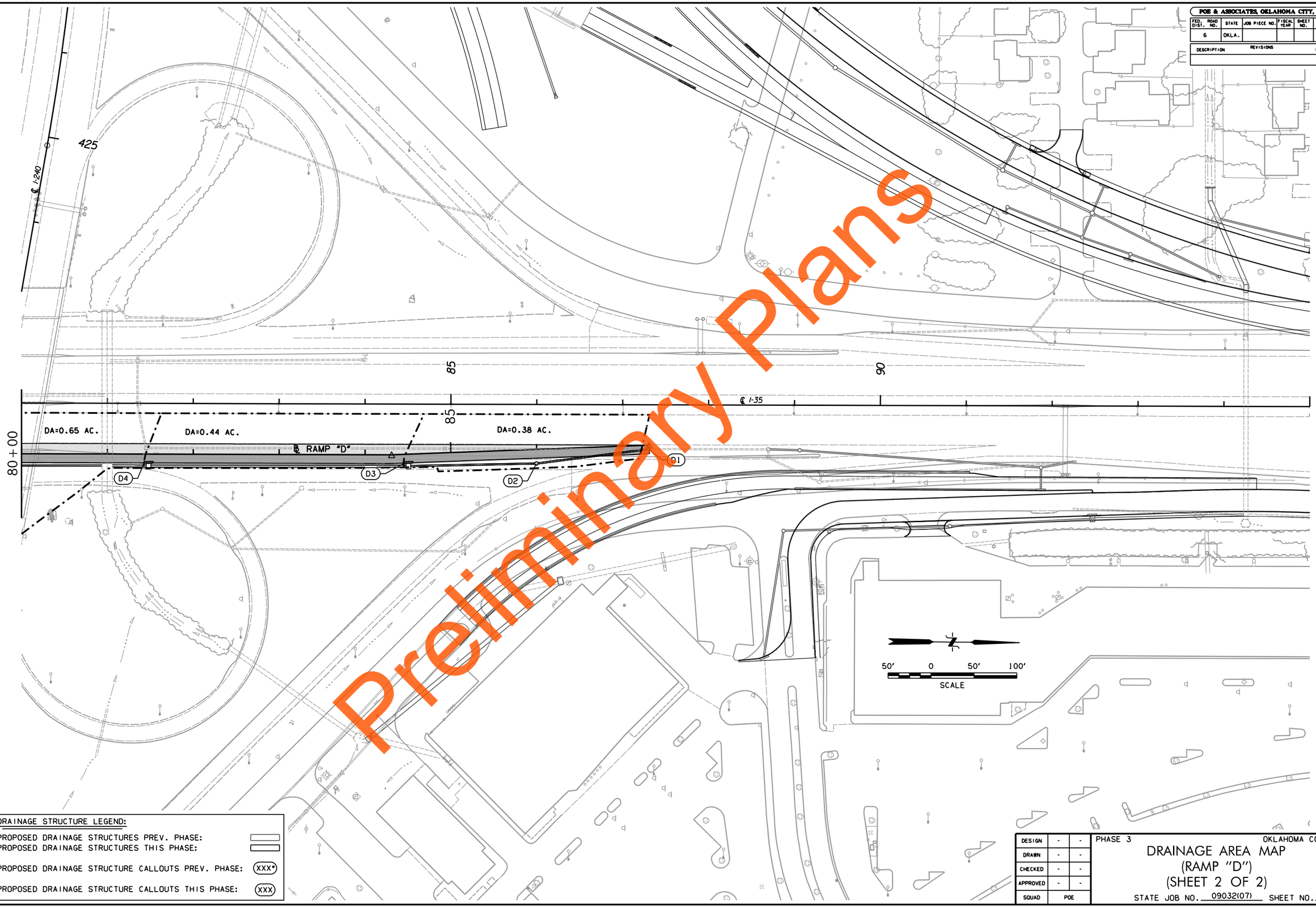
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



Preliminary Plans

DRAINAGE STRUCTURE LEGEND:

PROPOSED DRAINAGE STRUCTURES PREV. PHASE:

PROPOSED DRAINAGE STRUCTURES THIS PHASE:

PROPOSED DRAINAGE STRUCTURE CALLOUTS PREV. PHASE: (XXX*)

PROPOSED DRAINAGE STRUCTURE CALLOUTS THIS PHASE: (XXX)

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DRAINAGE AREA MAP (RAMP "D") (SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R008

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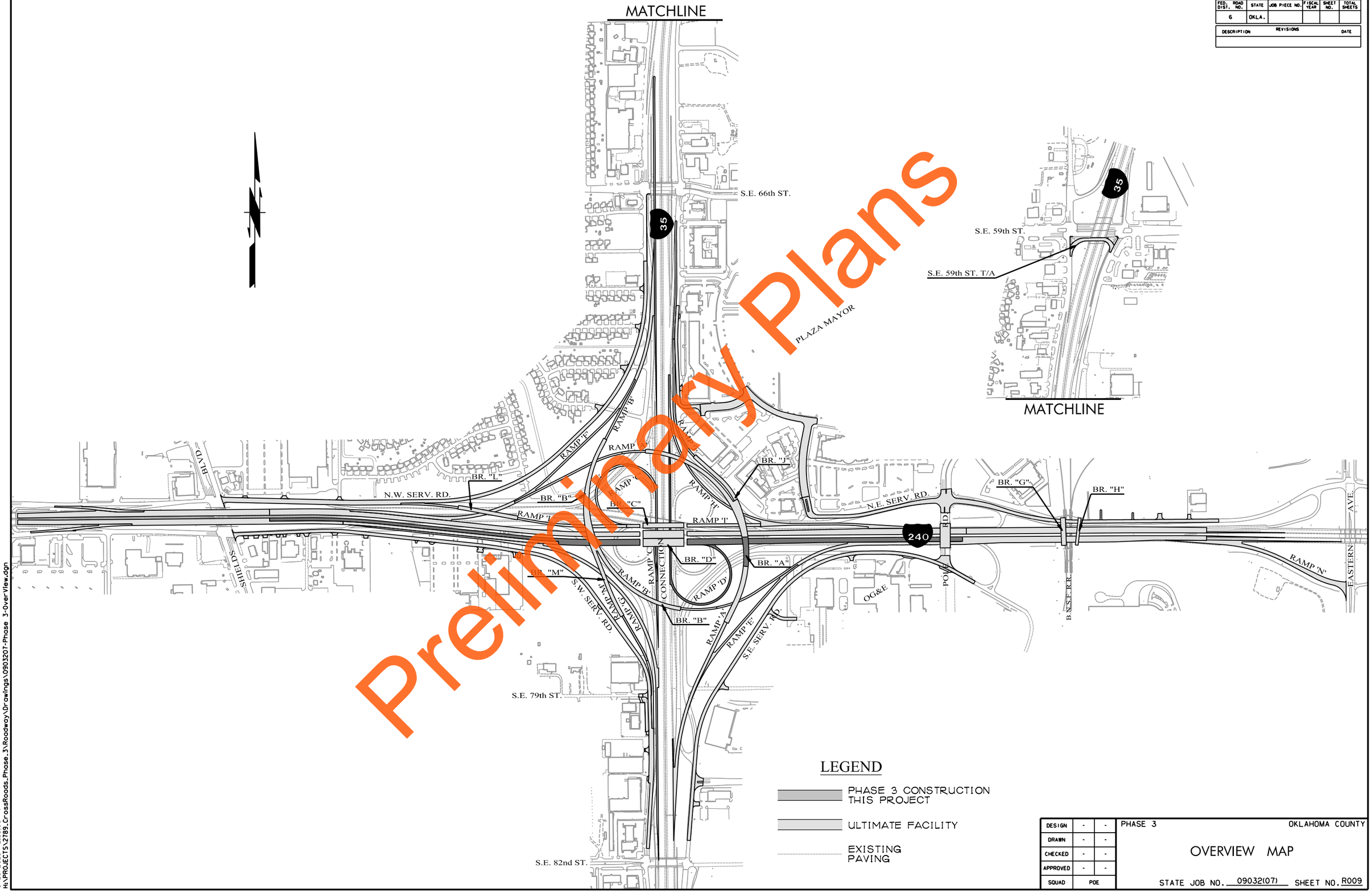
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



Preliminary Plans

LEGEND

- PHASE 3 CONSTRUCTION THIS PROJECT
- ULTIMATE FACILITY
- EXISTING PAVING

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

OVERVIEW MAP

STATE JOB NO. 09032(07) SHEET NO. R009

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

GENERAL SEQUENCE OF CONSTRUCTION

PART 1

CLOSE EXISTING EASTBOUND I240 TO NORTHBOUND I35 RAMP. RESTRICT EASTBOUND I240 TRAFFIC TO TWO INTERIOR LANES ALONG EXISTING ALIGNMENT FROM SHEILDS BLCD. TO POLE RD. CONSTRUCT EASTBOUND I240 FROM STA 408+21.5 TO STA 426+61.3 ON NEW ALIGNMENT, EXTERIOR LANES FROM STA 429+82 TO STA 451+70.6 ON NEW ALIGNMENT, AND RAMP "D" FROM STA 65+07 TO STA 87+31 OF NEW ALIGNMENT.
COMPLETE.

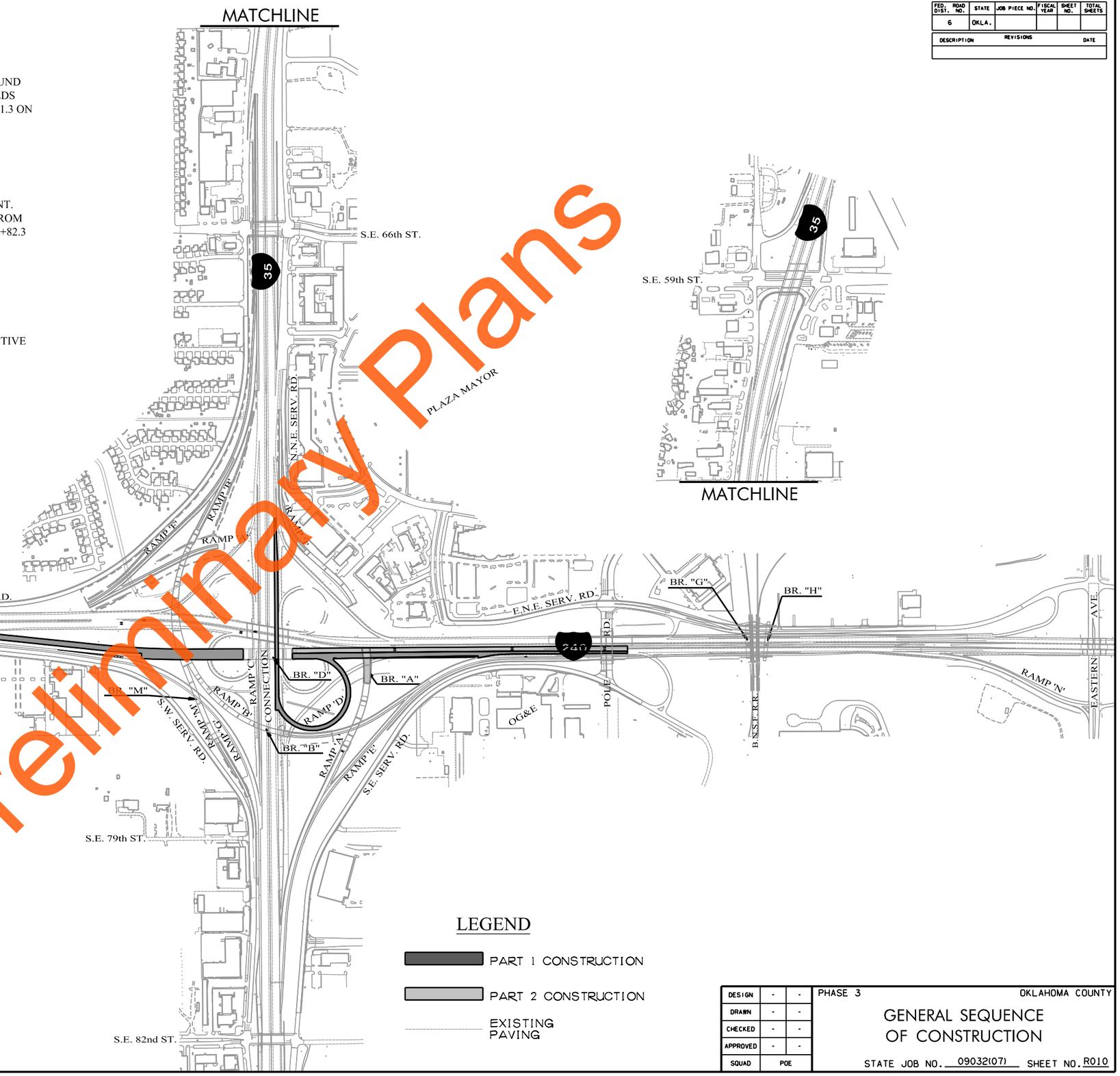
PART 2

SHIFT EASTBOUND I240 TRAFFICTO TWO EXTERIOR LANES ALONG NEW ALIGNMENT. OPEN RAMP "D" TO TRAFFIC. CONSTRUCT INTERIOR LANES OF NEW ALIGNMENT FROM STA 397+24.7 TO STA 408+21.5, INTERIOR LANES OF NEW ALIGNMENT FROM STA 429+82.3 TO STA 451+70, AND PEIRS AND DECK FOR BRIDGE "A".
COMPLETE.

PART 3

OPEN FULL WIDTH OF NEW ALIGNMENT FOR EASTBOUND I240 TO TRAFFIC

NOTE: FALSE WORK SHALL BE USED WHEN CONSTRUCTING ANY BRIDGE OVER ACTIVE TRAFFIC.



Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GENERAL SEQUENCE OF CONSTRUCTION

STATE JOB NO. 09032(07) SHEET NO. R010

6/28/2023 2:38:10 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

200' 0 200' 400'
Horizontal Scale in Feet

2030 ADT

K=.....9%
D=.....55%
T(dhv).....6%
T(adt).....10%
T(3).....7%
AXLES.....15

MATCH LINE 2 SEE NEXT SHEET

SEC. 34. T11N. R3W

SEC. 27. T11N. R3W

SEC. 35. T11N. R3W

SEC. 26. T11N. R3W

I-240

I-35

S.E. 82ND ST.

S.E. 79TH ST.

S.E. SERV. RD.

S.W. SERV. RD.

N.W. SERV. RD.

N.E. SERV. RD.

POLE RD.

RAMP "A"
RAMP "B"
RAMP "C"
RAMP "D"
RAMP "E"
RAMP "F"
RAMP "G"
RAMP "H"
RAMP "I"
RAMP "J"
RAMP "L"
RAMP "M"

66740
67000
38400
3160
43000
17200
2500
6515
8250
9015
21200
48550
24000
40300
9200
72550
78450
42650
35800
54900
5250
11410
4300
60150
12250
28340
25500
10300
30750
16815
16660
47565
45000
41065

MATCH LINE 1

MATCH LINE 3

MATCH LINE 1

TRAFFIC COUNTS FURNISHED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

ULTIMATE FACILITY TRAFFIC DATA (SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R011

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

200' 0 200' 400'
Horizontal Scale in Feet

SEC. 27. T11N. R3W

SEC. 22. T11N. R3W

S.E. 59TH ST.

S.E. 66TH ST.

MATCH LINE 3

26215 N.W. SERV. RD.

66515

7835

74350

40300 RAMP "B"

I-35

8800

65550

HIGH AVE.

N.E. SERV. RD.

60150

4800

55350

I-35

I-240

SHIELDS BLVD.

67000

66740

S.W. SERV. RD.

N.W. SERV. RD.

SEC. 26. T11N. R3W

SEC. 23. T11N. R3W

MATCH LINE 2

Preliminary Plans

TRAFFIC COUNTS FURNISHED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

ULTIMATE FACILITY TRAFFIC DATA (SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R012

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

MATCHLINE STA. 92+00

MATCHLINE STA. 390+00

MATCHLINE STA. 445+00

℄ N.N.E. SERV. RD.

℄ RAMP 'J'

℄ CROSSROADS MALL DR.

℄ ACCESS RD. "B"

℄ ACCESS RD. "A"

℄ E.N.E. SERV. RD.

℄ I-240/ C.R.L. I-240

℄ I-35

℄ N.W. SERVICE RD.

℄ RAMP 'F'

℄ RAMP 'B'

℄ RAMP 'A'

℄ RAMP 'M'

℄ RAMP 'C'

℄ RAMP 'H'

℄ RAMP 'I'

℄ RAMP 'L'

℄ RAMP 'G'

℄ S.W. SERV. RD.

℄ RAMP 'B'

℄ RAMP 'D'

℄ RAMP 'A'

℄ S.E. SERV. RD.

℄ SHIELDS BLVD.

℄ SANTA FE AVE.

℄ RAMP 'SF 3'

℄ RAMP 'SF 4'

℄ I-240/ C.R.L. I-240

℄ RAMP 'G'

℄ RAMP 'A'

400 410 420 430 440

90 80 70 60

375 380 385

200' 0 200' 400'

SCALE

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC LAYOUT SHEET (SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R013

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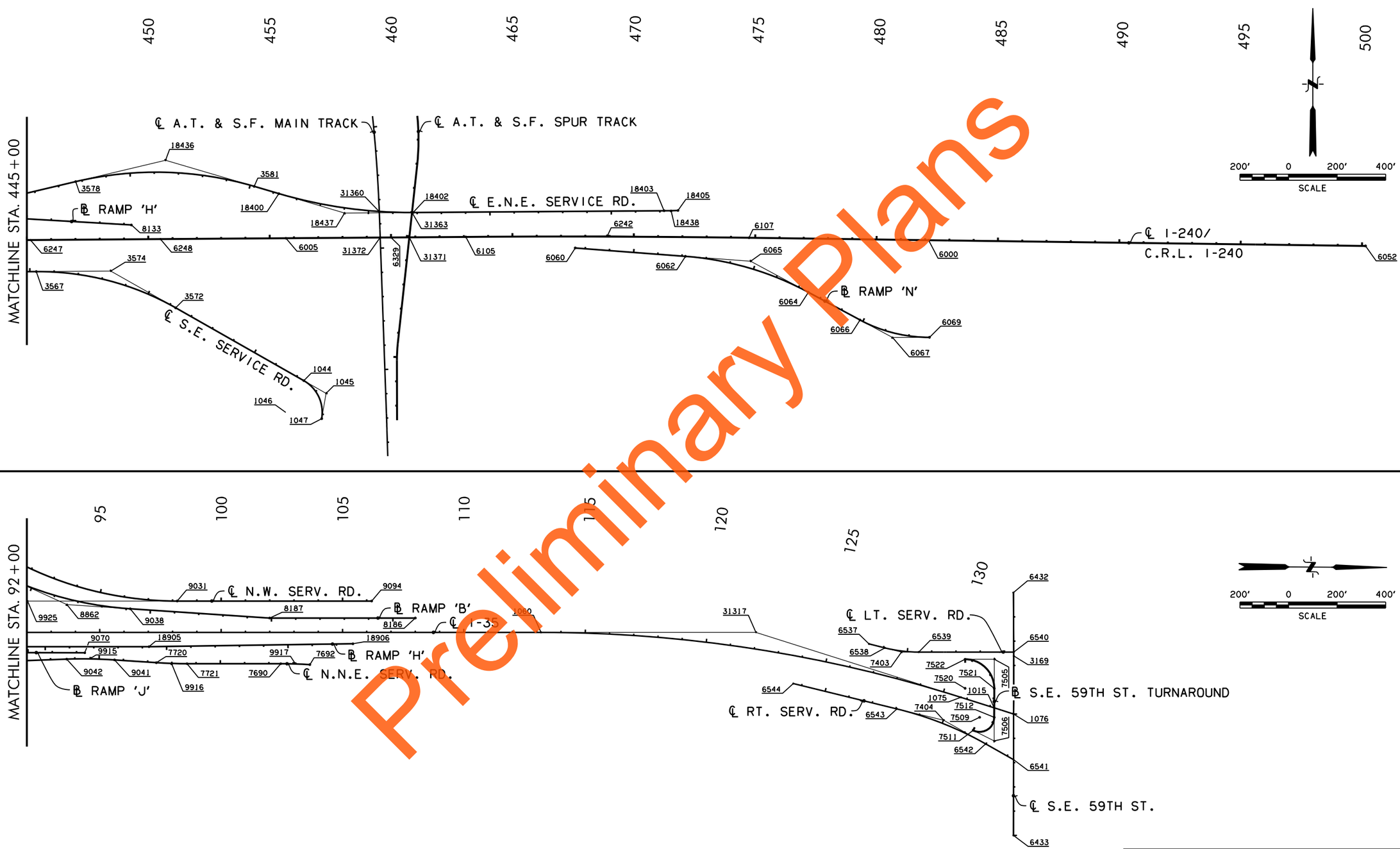
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC LAYOUT SHEET (SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R014

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

C/L I-240 (E.B. & W.B.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6417	371+39.31	143,039.5414	2,145,147.3663
P.I. STA.	6002	376+33.43	143,044.2256	2,145,641.4636
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		494.12'		
P.I. STA.	6002	376+33.43	143,044.2256	2,145,641.4636
P.I. STA.	6001	393+43.79	143,060.4395	2,147,351.7473
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		1,710.36'		
P.I. STA.	6001	393+43.79	143,060.4395	2,147,351.7473
P.I. STA.	6240	395+00.00	143,061.9203	2,147,507.9503
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		156.21'		
P.I. STA.	6240	395+00.00	143,061.9203	2,147,507.9503
P.I. STA.	6241	400+00.00 C/L I-240=	143,066.6602	2,148,007.9278
P.C. STA.		399+96.14 C.R.L. I-240		
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		500.00'		
P.I. STA.	6241	400+00.00	143,066.6602	2,148,007.9278
P.I. STA.	6004	402+74.55	143,069.2629	2,148,282.4673
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		274.55'		
P.I. STA.	6004	402+74.55	143,069.2629	2,148,282.4673
P.I. STA.	1108	415+00.00	143,080.9645	2,149,516.7800
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		1,234.37'		
P.I. STA.	1108	415+00.00	143,080.9645	2,149,516.7800
EQUATION BACK:		415+08.92	143,080.9645	2,149,516.7800
EQUATION AHEAD:		415+00.00	143,080.9645	2,149,516.7800
P.C. STA.	1234	420+07.57	143,085.7762	2,150,024.3309
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		507.57'		
CURVE 1				
P.C. STA.	1234	420+07.57	143,085.7762	2,150,024.3309
P.I. STA.	6237	422+59.26	143,088.1621	2,150,276.0058
C.C. STA.	1236		140,221.1160	2,150,051.4885
P.T. STA.	1237	425+09.66	143,046.6284	2,150,524.2414
RADIUS:		2,864.79'		
DELTA:		10°02'30.00" RT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		502.08'		
TANGENT:		251.69'		
CHORD:		501.44'		
MIDDLE ORDINATE:		10.99'		
EXTERNAL:		11.03'		
TANGENT DIRECTION:		N 89°27'24.62" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
CHORD DIRECTION:		S 85°31'20.38" E		
RADIAL DIRECTION:		S 09°29'54.62" W		
TANGENT DIRECTION:		S 80°30'05.38" E		
P.T. STA.	1237	425+09.66	143,046.6284	2,150,524.2414
P.I. STA.	1103	428+14.28 C/L I-240=	142,996.3594	2,150,824.6854
P.O.T. STA.		79+77.15 C/L I-35		
TANGENTIAL DIRECTION:		S 80°30'05.40" E		
TANGENTIAL LENGTH:		304.62'		
P.I. STA.	1103	428+14.28	142,996.3594	2,150,824.6854
P.I. STA.	1227	429+12.77	142,980.1053	2,150,921.8313
TANGENTIAL DIRECTION:		S 80°30'05.26" E		
TANGENTIAL LENGTH:		98.50'		

C/L I-240 (E.B. & W.B., CONT'D.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.I. STA.	1227	429+12.77	142,980.1053	2,150,921.8313
P.C. STA.	1238	431+28.35	142,944.5298	2,151,134.4563
TANGENTIAL DIRECTION:		S 80°30'05.40" E		
TANGENTIAL LENGTH:		215.58'		
CURVE 2				
P.C. STA.	1238	431+28.35	142,944.5298	2,151,134.4563
P.I. STA.	6238	433+76.68	142,903.5503	2,151,379.3795
C.C. STA.	1239		145,770.0422	2,151,607.2092
P.T. STA.	1240	436+23.77 C/L I-240=	142,905.3265	2,151,627.7003
P.O.T. STA.		436+23.77 C.R.L. I-240		
RADIUS:		2,864.79'		
DELTA:		09°54'29.99" LT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		495.42'		
TANGENT:		248.33'		
CHORD:		494.80'		
MIDDLE ORDINATE:		10.70'		
EXTERNAL:		10.74'		
TANGENT DIRECTION:		S 80°30'05.40" E		
RADIAL DIRECTION:		S 09°29'54.62" W		
CHORD DIRECTION:		S 85°27'20.35" E		
RADIAL DIRECTION:		S 00°24'35.37" E		
TANGENT DIRECTION:		N 89°35'24.60" E		
P.T. STA.	1240	436+23.77	142,905.3265	2,151,627.7003
P.I. STA.	1113	441+00.00	142,908.7329	2,152,103.9174
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		476.23'		
P.I. STA.	1113	441+00.00	142,908.7329	2,152,103.9174
P.I. STA.	6247	445+14.61	142,911.6986	2,152,518.5191
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		414.61'		
P.I. STA.	6247	445+14.61	142,911.6986	2,152,518.5191
P.I. STA.	6248	450+50.00	142,915.5281	2,153,053.8931
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		535.39'		
P.I. STA.	6248	450+50.00	142,915.5281	2,153,053.8931
P.I. STA.	6005	455+66.73	142,919.2242	2,153,570.6084
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		516.73'		
P.I. STA.	6005	455+66.73	142,919.2242	2,153,570.6084
P.I. STA.	6329	460+00.00	142,922.3233	2,154,003.8688
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		433.27'		
P.I. STA.	6329	460+00.00	142,922.3233	2,154,003.8688
P.C. STA.	6105	463+07.99	142,924.5263	2,154,311.8497
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		307.99'		

C/L I-240 (E.B. & W.B., CONT'D.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
CURVE 3				
P.C. STA.	6105	463+07.99	142,924.5263	2,154,311.8497
P.I. STA.	6242	468+91.34	142,928.6990	2,154,895.1883
C.C. STA.	6106		85,630.2126	2,154,721.6783
P.T. STA.	6107	474+74.66	142,920.9935	2,155,478.4909
RADIUS:		57,295.78'		
DELTA:		01°10'00.00" RT.		
DEGREE OF CURVATURE (ARC):		00°06'00.00"		
LENGTH:		1166.67'		
TANGENT:		583.35'		
CHORD:		1166.65'		
MIDDLE ORDINATE:		2.97'		
EXTERNAL:		2.97'		
TANGENT DIRECTION:		N 89°35'24.60" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
CHORD DIRECTION:		S 89°49'35.40" E		
RADIAL DIRECTION:		S 00°45'24.60" W		
TANGENT DIRECTION:		S 89°14'35.40" E		
P.T. STA.	6107	474+74.66	142,920.9935	2,155,478.4909
P.I. STA.	6000	482+14.52	142,911.2208	2,156,218.2873
TANGENTIAL DIRECTION:		S 89°14'35.40" E		
TANGENTIAL LENGTH:		739.86'		
P.I. STA.	6000	482+14.52	142,911.2208	2,156,218.2873
P.O.E. STA.	6052	500+14.57	142,887.4441	2,158,018.1858
TANGENTIAL DIRECTION:		S 89°14'35.40" E		
TANGENTIAL LENGTH:		1,800.06'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES (SHEET 1 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R015

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

C.R.L. I-240 (E.B. & W.B.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6417	371+39.31	143,039.5414	2,145,147.3663
P.O.T. STA.	6002	376+33.43 C.R.L. I-240=	143,044.2256	2,145,641.4636
P.I. STA.		100+96.72 C/L SANTA FE AVE.		
P.O.T. STA.	6001	393+43.79 C.R.L. I-240=	143,060.4395	2,147,351.7473
P.O.T. STA.		147+61.38 C/L S. SHIELDS BLVD.		
EQUATION BACK:		400+00.00	143,066.6602	2,148,007.9278
EQUATION AHEAD:		399+96.14	143,066.6602	2,148,007.9278
P.C. STA.	6241	399+96.14 C.R.L. I-240=	143,066.6602	2,148,007.9278
P.O.T. STA.		400+00.00 C/L I-240		
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		2,860.69'		
CURVE C-1		FULL SUPER = 2.84%		
P.C. STA.	6241	399+96.14	143,066.6602	2,148,007.9278
P.I. STA.	9075	403+21.43	143,069.7439	2,148,333.2057
C.C. STA.	16002		137,337.3397	2,148,062.2430
P.T. STA.	16005	406+46.03	143,035.9917	2,148,656.7424
RADIUS:		5,729.58'		
DELTA:		06°29'55.94" RT.		
DEGREE OF CURVATURE (ARC):		01°00'00.00"		
LENGTH:		649.89'		
TANGENT:		325.29'		
CHORD:		649.54'		
MIDDLE ORDINATE:		9.21'		
EXTERNAL:		9.23'		
TANGENT DIRECTION:		N 89°27'24.62" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
CHORD DIRECTION:		S 87°17'37.41" E		
RADIAL DIRECTION:		S 05°57'20.57" W		
TANGENT DIRECTION:		S 84°02'39.43" E		
P.T. STA.	16005	406+46.03	143,035.9917	2,148,656.7424
P.C. STA.	16006	416+97.59	142,926.8815	2,149,702.6326
TANGENTIAL DIRECTION:		S 84°02'39.43" E		
TANGENTIAL LENGTH:		1,051.57'		
CURVE C-2		FULL SUPER = 2.84%		
P.C. STA.	16006	416+97.59	142,926.8815	2,149,702.6326
P.I. STA.	9076	420+16.20	142,893.8231	2,150,019.5179
P.O.C. STA.	31133	422+36.66 C.R.L. I-240=	142,896.2341	2,150,240.6267
P.O.C. STA.		419+30.06 B/L RAMP "M"		
P.O.C. STA.	31134	422+85.90 C.R.L. I-240=	142,895.9601	2,150,289.8655
P.O.C. STA.		419+28.51 B/L RAMP "B"		
C.C. STA.	16003		148,625.5335	2,150,297.1320
P.T. STA.	16001	423+34.15	142,896.1020	2,150,338.1148
RADIUS:		5,729.58'		
DELTA:		06°21'55.96" LT.		
DEGREE OF CURVATURE (ARC):		01°00'00.00"		
LENGTH:		636.55'		
TANGENT:		318.61'		
CHORD:		636.23'		
MIDDLE ORDINATE:		8.84'		
EXTERNAL:		8.85'		
TANGENT DIRECTION:		S 84°02'39.43" E		
RADIAL DIRECTION:		S 05°57'20.57" W		
CHORD DIRECTION:		S 87°13'37.41" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
TANGENT DIRECTION:		N 89°35'24.60" E		
P.T. STA.	16001	423+34.15	142,896.1020	2,150,338.1148
P.O.T. STA.	18322	427+62.58 C.R.L. I-240=	142,899.1665	2,150,766.5338
P.O.T. STA.		85+49.78 B/L RAMP "C"		
P.O.T. STA.	6404	428+21.58 C.R.L. I-240=	142,899.5886	2,150,825.5324
P.O.T. STA.		78+80.37 C/L I-35		
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		487.43'		

C.R.L. I-240 (E.B. & W.B., CONT'D.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.T. STA.	6404	428+21.58	142,899.5886	2,150,825.5324
P.O.T. STA.	18323	428+80.58 C.R.L. I-240=	142,900.0106	2,150,884.5309
P.O.T. STA.		78+80.28 B/L RAMP "D"		
P.O.T. STA.	31135	434+41.56 C.R.L. I-240=	142,904.0232	2,151,445.4975
P.O.C. STA.		79+77.81 B/L RAMP "A"		
P.O.T. STA.	31136	434+74.79 C.R.L. I-240=	142,904.2609	2,151,478.7251
P.O.C. STA.		79+80.92 B/L RAMP "J"		
P.O.T. STA.	1240	436+23.77 C.R.L. I-240=	142,905.3265	2,151,627.7005
P.T. STA.		436+23.77 C/L I-240		
P.O.T. STA.	31372	459+55.22 C.R.L. I-240=	142,922.0030	2,153,959.0922
P.O.T. STA.		20564+56.42 A.T. & S.F. R.R. M.T.		
P.O.T. STA.	31371	460+75.37 C.R.L. I-240=	142,922.8225	2,154,079.2388
P.O.I. STA.		14+95.63 A.T. & S.F. R.R. S.T.		
P.C. STA.	6105	463+07.98	142,924.5263	2,154,311.8497
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		3,486.41'		
CURVE C-3		FULL SUPER = N.C.		
P.C. STA.	6105	463+07.98	142,924.5263	2,154,311.8497
P.I. STA.	6242	468+91.34	142,928.6990	2,154,895.1883
C.C. STA.	6106		85,630.2126	2,154,721.6783
P.T. STA.	6107	474+74.65	142,920.9935	2,155,478.4909
RADIUS:		57,295.78'		
DELTA:		01°10'00.00" RT.		
DEGREE OF CURVATURE (ARC):		00°06'00.00"		
LENGTH:		1,166.67'		
TANGENT:		583.35'		
CHORD:		1,166.65'		
MIDDLE ORDINATE:		2.97'		
EXTERNAL:		2.97'		
TANGENT DIRECTION:		N 89°35'24.60" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
CHORD DIRECTION:		S 89°49'35.40" E		
RADIAL DIRECTION:		S 00°45'24.60" W		
TANGENT DIRECTION:		S 89°14'35.40" E		
P.T. STA.	6107	474+74.65	142,920.9935	2,155,478.4909
P.O.E. STA.	6052	500+14.57	142,887.4441	2,158,018.1858
TANGENTIAL DIRECTION:		S 89°14'35.40" E		
TANGENTIAL LENGTH:		2,539.92'		

C/L I-35 (N.B. & S.B.)

V= 60 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	1323	25+00.00	137,519.4210	2,150,872.6245
P.O.T. STA.	1012	73+62.41 C/L I-35=	142,381.6492	2,150,830.0659
P.O.C. STA.		427+00.74 B/L RAMP "B"		
P.O.T. STA.	6404	78+80.37 C/L I-35=	142,899.5886	2,150,825.5324
P.O.T. STA.		428+21.58 C.R.L. I-240		
P.O.T. STA.	1103	79+77.15 C/L I-35=	142,996.3594	2,150,824.6854
P.O.T. STA.		428+14.28 C/L I-240		
P.I. STA.	1084	79+79.44	142,998.6493	2,150,824.6653
TANGENTIAL DIRECTION:		N 00°30'05.37" W		
TANGENTIAL LENGTH:		5,479.44'		
P.I. STA.	1084	79+79.44	142,998.6493	2,150,824.6653
P.O.I. STA.	1013	79+85.37 C/L I-35=	143,004.5848	2,150,824.6296
P.O.T. STA.		428+21.43 B/L RAMP "I"		
P.O.T. STA.	1014	85+29.75 C/L I-35=	143,548.9515	2,150,821.3588
P.O.C. STA.		89+27.71 B/L RAMP "A"		
P.C. STA.	1060	113+17.69	146,336.8430	2,150,804.6077
TANGENTIAL DIRECTION:		N 00°20'39.33" W		
TANGENTIAL LENGTH:		3,338.25'		
CURVE C-4		FULL SUPER = 2.84%		
P.C. STA.	1060	113+17.69	146,336.8430	2,150,804.6077
P.I. STA.	31317	122+03.22	147,222.3501	2,150,799.2871
C.C. STA.	1063		146,371.2687	2,156,534.0823
P.T. STA.	1075	130+74.84	148,068.1468	2,151,061.5446
RADIUS:		5,729.58'		
DELTA:		17°34'17.16" RT.		
DEGREE OF CURVATURE (ARC):		01°00'00.00"		
LENGTH:		1,757.14'		
TANGENT:		885.52'		
CHORD:		1,750.27'		
MIDDLE ORDINATE:		67.23'		
EXTERNAL:		68.03'		
TANGENT DIRECTION:		N 00°20'39.33" W		
RADIAL DIRECTION:		N 89°39'20.67" E		
CHORD DIRECTION:		N 08°26'29.25" E		
RADIAL DIRECTION:		S 72°46'22.17" E		
TANGENT DIRECTION:		N 17°13'37.83" E		
P.T. STA.	1075	130+74.84	148,068.1468	2,151,061.5446
P.O.T. STA.	1015	132+18.82 C/L I-35=	148,205.6727	2,151,104.1875
P.O.T. STA.		01+61.03 B/L S.E. 59TH ST. T/A		
P.O.E. STA.	1076	133+02.75	148,285.8404	2,151,129.0452
TANGENTIAL DIRECTION:		N 17°13'37.83" E		
TANGENTIAL LENGTH:		227.92'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 2 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R016

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

B/L RAMP SF-3

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	7216	380+37.16 B/L RAMP "SF-3"=	143,137.7041	2,146,044.4230
P.O.T. STA.		380+37.26 C.R.L. I-240, 89.65' RT.		
P.C. STA.	7288	381+51.98	143,133.8804	2,146,159.1725
TANGENTIAL DIRECTION:		S 88°05'29.38" E		
TANGENTIAL LENGTH:		114.81'		
CURVE SF3-1		FULL SUPER = VAR.		
P.C. STA.	7288	381+51.98	143,133.8804	2,146,159.1725
P.I. STA.	7220	382+23.83	143,131.4874	2,146,230.9861
C.C. STA.	7289		140,843.3205	2,146,082.8464
P.T. STA.	7290	382+95.64	143,124.6006	2,146,302.5087
RADIUS:		2,291.83'		
DELTA:		03°35'29.38" RT.		
DEGREE OF CURVATURE (ARC):		02°30'00.00"		
LENGTH:		143.66'		
TANGENT:		71.85'		
CHORD:		143.64'		
MIDDLE ORDINATE:		1.13'		
EXTERNAL:		1.13'		
TANGENT DIRECTION:		S 88°05'29.38" E		
RADIAL DIRECTION:		S 01°54'30.62" W		
CHORD DIRECTION:		S 86°17'44.69" E		
RADIAL DIRECTION:		S 05°30'00.00" W		
TANGENT DIRECTION:		S 84°30'00.00" E		
P.T. STA.	7290	382+95.64	143,124.6006	2,146,302.5087
P.O.T. STA.	31383	383+96.62	143,114.9214	2,146,403.0308
TANGENTIAL DIRECTION:		S 84°30'00.00" E		
TANGENTIAL LENGTH:		100.99'		
P.O.T. STA.	31383	383+96.62 B/L RAMP "SF-3"=	143,114.9214	2,146,403.0308
P.O.T. STA.		383+95.63 C.R.L. I-240, 63.47' RT.		
P.O.T. STA. B/L SHIFT 19.00' LT.	31384	383+96.62 B/L RAMP "SF-3"=	143,133.8339	2,146,404.8518
P.O.T. STA.		383+97.63 C.R.L. I-240, 82.37' RT.		
P.O.T. STA.	31384	383+96.62	143,133.8339	2,146,404.8518
P.C. STA.	7280	384+97.61	143,124.1549	2,146,505.3724
TANGENTIAL DIRECTION:		S 84°30'00.00" E		
TANGENTIAL LENGTH:		100.99'		
CURVE SF3-2		FULL SUPER = 3.60%		
P.C. STA.	7280	384+97.61	143,124.1549	2,146,505.3724
P.I. STA.	31379	386+18.58	143,112.5599	2,146,625.7909
C.C. STA.	7284		145,405.4349	2,146,725.0347
P.T. STA./ P.O.E. STA.	7285	387+39.34 B/L RAMP "SF-3"=	143,113.7067	2,146,746.7608
P.O.T. STA.		387+39.34 C.R.L. I-240, 59.00' RT.		
RADIUS:		2,291.83'		
DELTA:		06°02'35.38" LT.		
DEGREE OF CURVATURE (ARC):		02°30'00.00"		
LENGTH:		241.73'		
TANGENT:		120.98'		
CHORD:		241.61'		
MIDDLE ORDINATE:		3.19'		
EXTERNAL:		3.19'		
TANGENT DIRECTION:		S 84°30'00.00" E		
RADIAL DIRECTION:		S 05°30'00.00" W		
CHORD DIRECTION:		S 87°31'17.69" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
TANGENT DIRECTION:		N 89°27'24.62" E		

B/L RAMP SF-4

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	7261	378+47.39 B/L RAMP "SF-4"=	142,948.1608	2,145,856.8555
P.O.T. STA.		378+47.90 C.R.L. I-240, 98.10' LT.		
P.C. STA.	7400	380+07.49	142,959.9327	2,146,016.5286
TANGENTIAL DIRECTION:		N 85°47'00.60" E		
TANGENTIAL LENGTH:		160.11'		
CURVE SF4-1		FULL SUPER = N.C.		
P.C. STA.	7400	380+07.49	142,959.9327	2,146,016.5286
P.I. STA.	7204	380+74.17	142,964.8349	2,146,083.0215
C.C. STA.	7401		146,769.3126	2,145,795.6821
P.T. STA.	7402	381+40.83	142,972.0546	2,146,149.3028
RADIUS:		3,819.72'		
DELTA:		02°00'00.00" LT.		
DEGREE OF CURVATURE (ARC):		01°30'00.00"		
LENGTH:		133.33'		
TANGENT:		66.67'		
CHORD:		133.33'		
MIDDLE ORDINATE:		0.58'		
EXTERNAL:		0.58'		
TANGENT DIRECTION:		N 85°47'00.60" E		
RADIAL DIRECTION:		S 04°12'59.40" E		
CHORD DIRECTION:		N 84°47'00.60" E		
RADIAL DIRECTION:		S 06°12'59.40" E		
TANGENT DIRECTION:		N 83°47'00.60" E		
P.T. STA.	7402	381+40.83	142,972.0546	2,146,149.3028
P.O.T. STA.	7428	382+63.29	142,985.3155	2,146,271.0441
TANGENTIAL DIRECTION:		N 83°47'00.60" E		
TANGENTIAL LENGTH:		122.46'		
P.O.T. STA.	7428	382+63.29 B/L RAMP "SF-4"=	142,985.3155	2,146,271.0441
P.O.T. STA.		382+62.92 C.R.L. I-240, 64.88' LT.		
P.O.T. STA. B/L SHIFT 19.00' RT.	31615	382+63.29 B/L RAMP "SF-4"=	142,966.4272	2,146,273.1016
P.O.T STA.		382+64.30 C.R.L. I-240, 83.78' LT.		
P.O.T. STA.	31615	382+63.29	142,966.4272	2,146,273.1016
P.C. STA.	7425	383+83.22	142,979.4142	2,146,392.3296
TANGENTIAL DIRECTION:		N 83°47'00.60" E		
TANGENTIAL LENGTH:		119.93'		
CURVE SF4-2		FULL SUPER = 3.20%		
P.C. STA.	7425	383+83.22	142,979.4142	2,146,392.3296
P.I. STA.	31700	385+13.98	142,993.5737	2,146,522.3210
C.C. STA.	7427		140,355.9620	2,146,678.0922
P.T. STA./ P.O.E. STA.	7426	386+44.53 B/L RAMP "SF-4"=	142,994.8133	2,146,653.0753
P.O.T. STA.		386+44.53 C.R.L. I-240, 59.00' LT.		
RADIUS:		2,638.97'		
DELTA:		05°40'24.02" RT.		
DEGREE OF CURVATURE (ARC):		02°10'16.11"		
LENGTH:		261.31'		
TANGENT:		130.76'		
CHORD:		261.20'		
MIDDLE ORDINATE:		3.23'		
EXTERNAL:		3.24'		
TANGENT DIRECTION:		N 83°47'00.60" E		
RADIAL DIRECTION:		S 06°12'59.40" E		
CHORD DIRECTION:		N 86°37'12.61" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
TANGENT DIRECTION:		N 89°27'24.62" E		

B/L S.E. 59TH ST. TURNAROUND

V= 25 M.P.H.

	POINT	STATION	NORTHING	EASTING
CURVE 59T-1		FULL SUPER = VAR.		
P.C. STA./ P.O.B. STA.	7511	00+00.00 B/L S.E. 59TH. ST. T/A=	148,119.3072	2,151,197.2862
P.O.C. STA.		131+27.25 RT. SERV. RD., 25.11' RT.=		
P.O.T. STA.		131+63.90 C/L I-35, 114.50' LT.		
P.I. STA.	7506	00+96.99	148,206.2878	2,151,240.1911
C.C. STA.	7509		148,145.8498	2,151,143.4765
P.T. STA.	7512	01+22.01	148,205.8492	2,151,143.2051
RADIUS:		60.00'		
DELTA:		116°30'53.25" LT.		
DEGREE OF CURVATURE (ARC):		95°29'34.68"		
LENGTH:		122.01'		
TANGENT:		96.99'		
CHORD:		102.05'		
MIDDLE ORDINATE:		28.43'		
EXTERNAL:		54.05'		
TANGENT DIRECTION:		N 26°15'20.39" E		
RADIAL DIRECTION:		S 63°44'39.61" E		
CHORD DIRECTION:		N 32°00'06.23" W		
RADIAL DIRECTION:		N 00°15'32.86" W		
TANGENT DIRECTION:		S 89°44'27.14" W		
P.T. STA.	7512	01+22.01	148,205.8492	2,151,143.2051
P.C. STA.	7521	02+41.08	148,205.3107	2,151,024.1390
TANGENTIAL DIRECTION:		S 89°44'27.14" W		
TANGENTIAL LENGTH:		119.07'		
CURVE 59T-2		FULL SUPER = VAR.		
P.C. STA.	7521	02+41.08	148,205.3107	2,151,024.1390
P.I. STA.	7505	03+61.26	148,204.7672	2,150,903.9619
C.C. STA.	7520		148,085.3119	2,151,024.6818
P.T. STA./ P.O.E. STA.	7522	04+29.76 B/L S.E. 59TH. ST. T/A=	148,084.5909	2,150,904.6839
P.O.T. STA.		472+37.72 LT. SERV. RD., 29.59' LT.=		
P.O.C. STA.		130+44.89 C/L I-35, 154.77' RT.		
RADIUS:		120.00'		
DELTA:		90°05'06.44" LT.		
DEGREE OF CURVATURE (ARC):		47°44'47.34"		
LENGTH:		188.67'		
TANGENT:		120.18'		
CHORD:		169.83'		
MIDDLE ORDINATE:		35.21'		
EXTERNAL:		49.83'		
TANGENT DIRECTION:		S 89°44'27.14" W		
RADIAL DIRECTION:		N 00°15'32.86" W		
CHORD DIRECTION:		S 44°41'53.92" W		
RADIAL DIRECTION:		S 89°39'20.70" W		
TANGENT DIRECTION:		S 00°20'39.30" E		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 3 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R017

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B/L RAMP "A" (N.B. I-35 TO W.B. I-240)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	18007	55+00.00 B/L RAMP "A"=	140,519.8265	2,150,905.3645
P.O.T. STA.		55+00.00 C/L I-35, 59.00' LT.		
P.C. STA.	18008	60+75.69	141,094.5720	2,150,938.2830
TANGENTIAL DIRECTION:		N 03°16'40.93" E		
TANGENTIAL LENGTH:		575.69'		
CURVE RA-1		FULL SUPER = 4.50%		
P.C. STA.	18008	60+75.69	141,094.5720	2,150,938.2830
P.I. STA.	16626	63+05.63	141,324.1362	2,150,951.4313
C.C. STA.	18024		140,985.3637	2,152,845.0174
P.T. STA.	18031	65+33.37	141,544.0195	2,151,018.6915
RADIUS:		1,909.86'		
DELTA:		13°43'49.22" RT.		
DEGREE OF CURVATURE (ARC):		03°00'00.00"		
LENGTH:		457.68'		
TANGENT:		229.94'		
CHORD:		456.58'		
MIDDLE ORDINATE:		13.69'		
EXTERNAL:		13.79'		
TANGENT DIRECTION:		N 03°16'40.93" E		
RADIAL DIRECTION:		S 86°43'19.07" E		
CHORD DIRECTION:		N 10°08'35.54" E		
RADIAL DIRECTION:		S 72°59'29.85" E		
TANGENT DIRECTION:		N 17°00'30.15" E		
P.T. STA. CURVE RA-1	18031	65+33.37 B/L RAMP "A"=	141,544.0195	2,151,018.6915
P.O.B. STA./ P.C. STA.		65+33.37 B/L RAMP "E"		
P.C. STA. B/L SHIFT 24.00' LT.	18444	65+27.90 B/L RAMP "A"	141,551.0398	2,150,995.7412
CURVE RA-2		FULL SUPER = 4.50%		
P.C. STA.	18444	65+27.90	141,551.0398	2,150,995.7412
P.I. STA.	16627	66+77.04	141,693.6531	2,151,039.3653
C.C. STA.	18024		140,985.3637	2,152,845.0174
P.T. STA.	18025	68+25.59	141,827.8915	2,151,104.3398
RADIUS:		1,933.86'		
DELTA:		08°49'10.81" RT.		
DEGREE OF CURVATURE (ARC):		02°57'45.97"		
LENGTH:		297.68'		
TANGENT:		149.14'		
CHORD:		297.39'		
MIDDLE ORDINATE:		5.73'		
EXTERNAL:		5.74'		
TANGENT DIRECTION:		N 17°00'30.15" E		
RADIAL DIRECTION:		S 72°59'29.85" E		
CHORD DIRECTION:		N 21°25'05.55" E		
RADIAL DIRECTION:		S 64°10'19.05" E		
TANGENT DIRECTION:		N 25°49'40.95" E		
P.T. STA.	18025	68+25.59	141,827.8915	2,151,104.3398
P.C. STA.	18026	74+54.34	142,393.8382	2,151,378.2709
TANGENTIAL DIRECTION:		N 25°49'40.95" E		
TANGENTIAL LENGTH:		628.76'		
CURVE RA-3		FULL SUPER = 6.00%		
P.C. STA.	18026	74+54.34	142,393.8382	2,151,378.2709
P.O.C. STA.	18032	74+54.86 B/L RAMP "A"=	142,394.3073	2,151,378.1980
P.O.C. STA.		432+59.35 B/L RAMP "B"		
P.O.C. STA.	31135	79+77.81 B/L RAMP "A"=	142,904.0232	2,151,445.4973
P.O.T. STA.		434+41.56 C.R.L. I-240		
P.O.C. STA.	18033	80+86.20 B/L RAMP "A"=	143,008.6305	2,151,418.1807
P.O.T. STA.		434+15.00 B/L RAMP "I"		
P.O.C. STA.	31114	82+23.28 B/L RAMP "A"=	143,134.6747	2,151,364.2446
P.O.C. STA.		433+38.43 B/L RAMP "H"		
P.O.C. STA.	31124	87+26.09 B/L RAMP "A"=	143,480.9951	2,151,010.6453
P.O.C. STA.		428+37.77 B/L RAMP "H"		
P.O.C. STA.	18034	88+70.07 B/L RAMP "A"=	143,534.3185	2,150,877.0994
P.O.T. STA.		85+14.69 B/L RAMP "D"		
P.O.C. STA.	1014	89+27.71 B/L RAMP "A"=	143,548.9515	2,150,821.3588
P.O.T. STA.		85+29.75 C/L I-35		
P.O.C. STA.	18035	94+70.80 B/L RAMP "A"	143,490.2950	2,150,291.4166
P.O.C. STA.		413+21.31 B/L RAMP "B"		
P.I. STA.	16629	98+95.16	144,590.8321	2,152,441.6661
C.C. STA.	9035		142,750.4404	2,150,641.5245
P.T. STA.	9034	94+96.10	143,479.1224	2,150,268.7204

B/L RAMP "A" (N.B. I-35 TO W.B. I-240, CONT'D.)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		818.51'		
DELTA:		142°55'22.69" LT.		
DEGREE OF CURVATURE (ARC):		07°00'00.00"		
LENGTH:		2,041.76'		
TANGENT:		2,440.82'		
CHORD:		1,552.08'		
MIDDLE ORDINATE:		558.27		
EXTERNAL:		1,755.89'		
TANGENT DIRECTION:		N 25°49'40.95" E		
RADIAL DIRECTION:		S 64°10'19.05" E		
CHORD DIRECTION:		N 45°38'00.39" W		
RADIAL DIRECTION:		N 27°05'41.73" W		
TANGENT DIRECTION:		S 62°54'18.27" W		
P.T. STA.	9034	94+96.10	143,479.1224	2,150,268.7204
P.O.T. STA.	8077	101+77.63	143,168.7094	2,149,661.9877
TANGENTIAL DIRECTION:		S 62°54'18.27" W		
TANGENTIAL LENGTH:		681.53'		
P.O.T. STA.	8077	101+77.63	143,168.7094	2,149,661.9877
P.C. STA. B/L SHIFT 24.00' RT.	8057	101+77.63 B/L RAMP "A"=	143,190.0755	2,149,651.0565
P.T. STA./ P.O.E. STA.		419+58.05 B/L RAMP "F"		
CURVE RA-4		FULL SUPER = 6.00%		
P.C. STA.	8057	101+77.63	143,190.0755	2,149,651.0565
P.O.C. STA.	1022	104+52.54 B/L RAMP "A"=	143,095.2755	2,149,393.7022
P.O.T. STA.		413+80.99 B/L RAMP "L"		
P.I. STA.	8861	105+17.61	143,035.2232	2,149,348.3824
C.C. STA.	9036		144,210.2305	2,149,129.1309
P.T. STA.	9033	108+38.64	143,070.5001	2,149,010.2310
RADIUS:		1,145.92'		
DELTA:		33°03'02.30" RT.		
DEGREE OF CURVATURE (ARC):		05°00'00.00"		
LENGTH:		661.01'		
TANGENT:		339.99'		
CHORD:		651.89'		
MIDDLE ORDINATE:		47.33'		
EXTERNAL:		49.37'		
TANGENT DIRECTION:		S 62°54'18.27" W		
RADIAL DIRECTION:		N 27°05'41.73" W		
CHORD DIRECTION:		S 79°25'49.42" W		
RADIAL DIRECTION:		N 05°57'20.57" E		
TANGENT DIRECTION:		N 84°02'39.43" W		
P.T. STA.	9033	108+38.64	143,070.5001	2,149,010.2310
P.C. STA.	8333	111+86.64	143,106.6084	2,148,664.1094
TANGENTIAL DIRECTION:		N 84°02'39.43" W		
TANGENTIAL LENGTH:		348.00'		
CURVE RA-5				
P.C. STA.	8333	111+86.64	143,106.6084	2,148,664.1094
P.I. STA.	9032	113+36.67	143,116.1955	2,148,514.3825
C.C. STA.	30926		137,317.7448	2,148,293.4478
P.T. STA./ P.O.E. STA.	30927	114+86.64 B/L RAMP "A"=	143,118.0296	2,148,364.3603
P.O.C. STA.		403+49.63 C.R.L. I-240, 59.00' LT.		
RADIUS:		5,800.72'		
DELTA:		02°57'47.55" LT.		
DEGREE OF CURVATURE (ARC):		00°59'15.85"		
LENGTH:		300.00'		
TANGENT:		150.03'		
CHORD:		299.97'		
MIDDLE ORDINATE:		1.94'		
EXTERNAL:		1.94'		
TANGENT DIRECTION:		N 86°20'10.85" W		
RADIAL DIRECTION:		N 03°39'49.15" E		
CHORD DIRECTION:		N 87°49'04.62" W		
RADIAL DIRECTION:		N 00°42'01.61" E		
TANGENT DIRECTION:		N 89°17'58.39" W		

B/L RAMP "B" (S.B. I-35 TO E.B. I-240)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	8186	389+07.46 B/L RAMP "B"=	145,818.8139	2,150,748.7192
P.O.T. STA.		108+00.00 C/L I-35, 59.00' LT.		
P.I. STA.	8187	395+07.46	145,218.8247	2,150,752.3242
TANGENTIAL DIRECTION:		S 00°20'39.33" E		
TANGENTIAL LENGTH:		600.00'		
P.I. STA.	8187	395+07.46	145,218.8247	2,150,752.3242
P.C. STA.	9038	400+83.03	144,644.2908	2,150,717.8366
TANGENTIAL DIRECTION:		S 03°26'06.67" W		
TANGENTIAL LENGTH:		575.57'		
CURVE RB-1		FULL SUPER = 5.10%		
P.C. STA.	9038	400+83.03	144,644.2908	2,150,717.8366
P.I. STA.	8862	403+44.36	144,383.4310	2,150,702.1779
C.C. STA.	8189		144,730.1189	2,149,288.0158
P.T. STA.	9037	406+00.00	144,144.9069	2,150,595.4104
RADIUS:		1,432.39'		
DELTA:		20°40'44.10" RT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		516.97'		
TANGENT:		261.33'		
CHORD:		514.17'		
MIDDLE ORDINATE:		23.26'		
EXTERNAL:		23.64'		
TANGENT DIRECTION:		S 03°26'06.67" W		
RADIAL DIRECTION:		N 86°33'53.33" W		
CHORD DIRECTION:		S 13°46'28.71" W		
RADIAL DIRECTION:		N 65°53'09.24" W		
TANGENT DIRECTION:		S 24°06'50.76" W		
P.T. STA.	9037	406+00.00	144,144.9069	2,150,595.4104
P.C. STA. B/L SHIFT 24.00' LT.	18320	405+98.58 B/L RAMP "B"=	144,135.1015	2,150,617.3160
P.C. STA./ P.O.B. STA.		406+00.00 B/L RAMP "F"		
CURVE RB-2		FULL SUPER = 5.10%		
P.C. STA.	18320	405+98.58	144,135.1015	2,150,617.3160
P.I. STA.	18439	406+41.56	144,095.8718	2,150,599.7561
C.C. STA.	8189		144,730.1189	2,149,288.0158
P.T. STA.	8201	406+84.52	144,057.7458	2,150,579.9133
RADIUS:		1,456.39'		
DELTA:		03°22'50.88" RT.		
DEGREE OF CURVATURE (ARC):		03°56'02.70"		
LENGTH:		85.94'		
TANGENT:		42.98'		
CHORD:		85.92'		
MIDDLE ORDINATE:		0.63'		
EXTERNAL:		0.63'		
TANGENT DIRECTION:		S 24°06'50.76" W		
RADIAL DIRECTION:		N 65°53'09.24" W		
CHORD DIRECTION:		S 25°48'16.20" W		
RADIAL DIRECTION:		N 62°30'18.36" W		
TANGENT DIRECTION:		S 27°29'41.64" W		
P.T. STA.	8201	406+84.52	144,057.7458	2,150,579.9133
P.C. STA.	9039	412+19.79	143,582.9299	2,150,332.7935
TANGENTIAL DIRECTION:		S 27°29'41.64" W		
TANGENTIAL LENGTH:		535.27'		

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES (SHEET 4 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R018

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

B/L RAMP "B" (S.B. I-35 TO E.B. I-240, CONT'D.)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RB-3		FULL SUPER = 6.00%		
P.C. STA.	9039	412+19.79	143,582.9299	2,150,332.7935
P.O.C. STA.	18035	413+21.31 B/L RAMP "B"=	143,490.2950	2,150,291.4166
P.O.C. STA.		94+70.80 B/L RAMP "A"		
P.O.C. STA.	18036	418+43.36 B/L RAMP "B"=	142,977.1501	2,150,264.3137
P.O.C. STA.		422+60.92 B/L RAMP "L"		
P.O.C. STA.	31134	419+28.51 B/L RAMP "B"=	142,895.9601	2,150,289.8655
P.O.C. STA.		A 422+85.90 C.R.L. I-240		
P.O.C. STA.	18037	426+37.88 B/L RAMP "B"=	142,402.7858	2,150,770.8786
P.O.T. STA.		90+46.18 B/L RAMP "C"		
P.O.C. STA.	1012	427+00.74 B/L RAMP "B"=	142,381.6492	2,150,830.0659
P.O.T. STA.		73+62.41 C/L I-35		
P.O.C. STA.	18032	432+59.35 B/L RAMP "B"=	142,394.3073	2,151,378.4980
P.O.C. STA.		74+54.86 B/L RAMP "A"		
P.I. STA.	8863	445+55.31	140,624.1501	2,148,792.8849
C.C. STA.	9058		143,191.0525	2,151,085.7466
P.T. STA.	8191	434+63.42	142,486.9283	2,151,559.7882
RADIUS:		848.83'		
DELTA:		151°26'41.10" LT.		
DEGREE OF CURVATURE (ARC):		06°45'00.00"		
LENGTH:		2,243.63'		
TANGENT:		3,335.52'		
CHORD:		1,645.22'		
MIDDLE ORDINATE:		639.49'		
EXTERNAL:		2,593.00'		
TANGENT DIRECTION:		S 27°29'41.64" W		
RADIAL DIRECTION:		N 62°30'18.36" W		
CHORD DIRECTION:		S 48°13'38.91" E		
RADIAL DIRECTION:		S 33°56'59.46" E		
TANGENT DIRECTION:		N 56°03'00.54" E		
P.T. STA.	8191	434+63.42	142,486.9283	2,151,559.7882
P.O.T. STA.	8094	438+39.71	142,697.0765	2,151,871.9346
TANGENTIAL DIRECTION:		N 56°03'00.54" E		
TANGENTIAL LENGTH:		376.29'		
P.O.T. STA.	8094	438+39.71	142,697.0765	2,151,871.9346
P.C. STA. B/L SHIFT 24.00' RT.	9060	438+48.38 B/L RAMP "B"=	142,677.1678	2,151,885.3378
P.T. STA./ P.O.E. STA.		79+77.39 B/L RAMP "E"		
CURVE RB-4		FULL SUPER = 5.90%		
P.C. STA.	9060	438+48.38	142,677.1678	2,151,885.3378
P.I. STA.	8864	441+36.15	142,837.8751	2,152,124.0465
C.C. STA.	8067		141,885.0281	2,152,418.6346
P.T. STA./ P.O.E. STA.	8068	444+07.38 B/L RAMP "B"=	142,839.9334	2,152,411.8041
P.O.T. STA.		444+07.38 C.R.L. I-240, 71.00' LT.		
RADIUS:		954.93'		
DELTA:		33°32'24.06" RT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		559.00'		
TANGENT:		287.76'		
CHORD:		551.05'		
MIDDLE ORDINATE:		40.61'		
EXTERNAL:		42.42'		
TANGENT DIRECTION:		N 56°03'00.54" E		
RADIAL DIRECTION:		S 33°56'59.46" E		
CHORD DIRECTION:		N 72°49'12.57" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
TANGENT DIRECTION:		N 89°35'24.60" E		

B/L RAMP "C" (W.B. I-240 TO S.B. I-35)

V= 30 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RC-1		FULL SUPER = 6.00%		
P.C. STA./ P.O.B. STA.	8163	71+30.93 B/L RAMP "C"=	143,002.5195	2,150,535.9001
P.O.T. STA.		425+32.69 C.R.L. I-240, 105.00' LT.=		
P.O.B. STA.		425+32.69 B/L RAMP "I"		
C.C. STA.	8164		143,232.5136	2,150,534.2549
P.T. STA.	8165	82+15.04	143,233.8956	2,150,764.2508

B/L RAMP "C" (W.B. I-240 TO S.B. I-35, CONT'D.)

V= 30 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		230.00'		
DELTA:		270°03'56.06" RT.		
DEGREE OF CURVATURE (ARC):		24°54'40.35"		
LENGTH:		1,084.11'		
TANGENT:		0.00'		
CHORD:		325.08'		
MIDDLE ORDINATE:		0.00'		
EXTERNAL:		0.00'		
TANGENT DIRECTION:		S 89°35'24.60" W		
RADIAL DIRECTION:		N 00°24'35.40" W		
CHORD DIRECTION:		N 44°37'22.64" E		
RADIAL DIRECTION:		S 89°39'20.67" W		
TANGENT DIRECTION:		S 00°20'39.33" E		
P.T. STA.	8165	82+15.04	143,233.8956	2,150,764.2508
P.O.T. STA.	18038	84+44.78 B/L RAMP "C"=	143,004.1628	2,150,765.6311
P.O.T. STA.		427+62.43 B/L RAMP "I"		
P.I. STA.	8981	84+50.73	142,998.2137	2,150,765.6669
TANGENTIAL DIRECTION:		S 00°20'39.33" E		
TANGENTIAL LENGTH:		235.69'		
P.I. STA.	8981	84+50.73	142,998.2137	2,150,765.6669
P.O.T. STA.	18322	85+49.78 B/L RAMP "C"=	142,899.1665	2,150,766.5338
P.O.T. STA.		427+62.58 C.R.L. I-240		
P.O.T. STA.	18037	90+46.18 B/L RAMP "C"=	142,402.7858	2,150,770.8786
P.O.C. STA.		426+37.88 B/L RAMP "B"		
P.I. STA.	9043	91+13.23	142,335.7384	2,150,771.4654
TANGENTIAL DIRECTION:		S 00°30'05.37" E		
TANGENTIAL LENGTH:		662.50'		
P.I. STA.	9043	91+13.23	142,335.7384	2,150,771.4654
P.O.E. STA.	9044	94+13.47 B/L RAMP "C"=	142,035.8549	2,150,786.0907
P.O.T. STA.		70+17.02 C/L I-35, 47.00' LT.		
TANGENTIAL DIRECTION:		S 02°47'31.57" E		
TANGENTIAL LENGTH:		300.24'		

B/L RAMP "D" (E.B. I-240 TO N.B. I-35)

V= 30 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RD-1		FULL SUPER = 6.00%		
P.C. STA./ P.O.B. STA.	9063	65+07.43 B/L RAMP "D"=	142,842.6606	2,151,115.4097
P.O.T. STA.		431+11.04 C.R.L. I-240, 59.00' LT.		
C.C. STA.	9062		142,612.6664	2,151,117.0548
P.T. STA.	9064	75+90.91	142,610.6533	2,150,887.0637
RADIUS:		230.00'		
DELTA:		269°54'30.02" RT.		
DEGREE OF CURVATURE (ARC):		24°54'40.35"		
LENGTH:		1,083.48'		
TANGENT:		0.00'		
CHORD:		325.53'		
MIDDLE ORDINATE:		0.00'		
EXTERNAL:		0.00'		
TANGENT DIRECTION:		N 89°35'24.60" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
CHORD DIRECTION:		S 44°32'39.62" W		
RADIAL DIRECTION:		N 89°29'54.63" E		
TANGENT DIRECTION:		N 00°30'05.37" W		
P.T. STA.	9064	75+90.91	142,610.6533	2,150,887.0637
P.O.T. STA.	18323	78+80.28 B/L RAMP "D"=	142,900.0106	2,150,884.5309
P.O.T. STA.		428+80.58 C.R.L. I-240		
P.I. STA.	2026	79+79.34	142,999.0696	2,150,883.6639
TANGENTIAL DIRECTION:		N 00°30'05.37" W		
TANGENTIAL LENGTH:		388.43'		
P.I. STA.	2026	79+79.34	142,999.0696	2,150,883.6639
P.O.T. STA.	1016	79+85.28 B/L RAMP "D"=	143,005.0068	2,150,883.6282
P.O.T. STA.		428+80.43 B/L RAMP "I"		
P.I. STA.	9065	84+30.91	143,450.6304	2,150,880.9507
TANGENTIAL DIRECTION:		N 00°20'39.33" W		
TANGENTIAL LENGTH:		451.57'		

B/L RAMP "D" (E.B. I-240 TO N.B. I-35, CONT'D.)

V= 30 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.I. STA.	9065	84+30.91	143,450.6304	2,150,880.9507
P.O.T. STA.	18034	85+14.69 B/L RAMP "D"=	143,534.3185	2,150,877.0994
P.O.C. STA.		88+70.07 B/L RAMP "A"		
P.O.E. STA.	9066	87+31.15 B/L RAMP "D"=	143,750.5528	2,150,867.1484
P.O.T. STA.		87+31.07 C/L I-35, 47.00' LT.		
TANGENTIAL DIRECTION:		N 02°38'05.53" W		
TANGENTIAL LENGTH:		300.24'		

B/L RAMP "E" (N.B. I-35 TO E.B. I-240)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RE-1		FULL SUPER = 4.60%		
P.C. STA./ P.O.B. STA.	18031	65+33.37 B/L RAMP "E"=	141,544.0195	2,151,018.6915
P.T. STA.		65+33.37 B/L RAMP "A"		
P.I. STA.	18465	68+39.81	141,837.0572	2,151,108.3290
C.C. STA.	18030		141,125.0277	2,152,388.4360
P.T. STA.	18029	71+37.15	142,067.7701	2,151,310.0156
RADIUS:		1,432.39'		
DELTA:		24°09'04.32" RT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		603.78'		
TANGENT:		306.44'		
CHORD:		599.32'		
MIDDLE ORDINATE:		31.70'		
EXTERNAL:		32.41'		
TANGENT DIRECTION:		N 17°00'30.15" E		
RADIAL DIRECTION:		S 72°59'29.85" E		
CHORD DIRECTION:		N 29°05'02.31" E		
RADIAL DIRECTION:		S 48°50'25.54" E		
TANGENT DIRECTION:		N 41°09'34.46" E		
P.T. STA.	18029	71+37.15	142,067.7701	2,151,310.0156
P.C. STA.	9061	77+29.21	142,513.5232	2,151,699.6876
TANGENTIAL DIRECTION:		N 41°09'34.46" E		
TANGENTIAL LENGTH:		592.06'		
CURVE RE-2		FULL SUPER = 5.50%		
P.C. STA.	9061	77+29.21	142,513.5232	2,151,699.6876
P.I. STA.	8866	78+54.00	142,607.4760	2,151,781.8201
C.C. STA.	8067		141,885.0281	2,152,418.6346
P.T. STA./ P.O.E. STA.	9060	79+77.39 B/L RAMP "E"=	142,677.1678	2,151,885.3378
P.C. STA.		438+48.38 B/L RAMP "B"		
RADIUS:		954.93'		
DELTA:		14°53'26.08" RT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		248.18'		
TANGENT:		124.79'		
CHORD:		247.48'		
MIDDLE ORDINATE:		8.05'		
EXTERNAL:		8.12'		
TANGENT DIRECTION:		N 41°09'34.46" E		
RADIAL DIRECTION:		S 48°50'25.54" E		
CHORD DIRECTION:		N 48°36'17.50" E		
RADIAL DIRECTION:		S 33°56'59.46" E		
TANGENT DIRECTION:		N 56°03'00.54" E		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 5 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R019

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B/L RAMP "F" (S.B. I-35 TO W.B. I-240)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RF-1		FULL SUPER = 5.10%		
P.C. STA./ P.O.B. STA.	9037	406+00.00 B/L RAMP "F"=	144,144.9069	2,150,595.4104
P.T. STA.		406+00.00 B/L RAMP "B"		
P.I. STA.	8867	408+23.83	143,940.6071	2,150,503.9624
C.C. STA.	18309		144,613.0765	2,149,549.4947
P.T. STA.	18310	410+42.10	143,785.7364	2,150,342.3572
RADIUS:		1,145.92'		
DELTA:		22°06'17.86" RT.		
DEGREE OF CURVATURE (ARC):		05°00'00.00"		
LENGTH:		442.10'		
TANGENT:		223.83'		
CHORD:		439.36'		
MIDDLE ORDINATE:		21.25'		
EXTERNAL:		21.66'		
TANGENT DIRECTION:		S 24°06'50.76" W		
RADIAL DIRECTION:		N 65°53'09.24" W		
CHORD DIRECTION:		S 35°09'59.69" W		
RADIAL DIRECTION:		N 43°46'51.38" W		
TANGENT DIRECTION:		S 46°13'08.62" W		
P.T. STA.	18310	410+42.10	143,785.7364	2,150,342.3572
P.C. STA.	18311	416+24.33	143,382.8904	2,149,921.9933
TANGENTIAL DIRECTION:		S 46°13'08.62" W		
TANGENTIAL LENGTH:		582.23'		
CURVE RF-2		FULL SUPER = 5.10%		
P.C. STA.	18311	416+24.33	143,382.8904	2,149,921.9933
P.I. STA.	8868	417+92.38	143,266.6164	2,149,800.6632
C.C. STA.	9036		144,210.2305	2,149,129.1309
P.T. STA./ P.O.E. STA.	8057	419+58.05 B/L RAMP "F"=	143,190.0755	2,149,651.0565
P.C. STA.		101+77.63 B/L RAMP "A"		
RADIUS:		1,145.92'		
DELTA:		16°41'09.65" RT.		
DEGREE OF CURVATURE (ARC):		05°00'00.00"		
LENGTH:		333.72'		
TANGENT:		168.05'		
CHORD:		332.54'		
MIDDLE ORDINATE:		12.13'		
EXTERNAL:		12.26'		
TANGENT DIRECTION:		S 46°13'08.62" W		
RADIAL DIRECTION:		N 43°46'51.38" W		
CHORD DIRECTION:		S 54°33'43.44" W		
RADIAL DIRECTION:		N 27°05'41.73" W		
TANGENT DIRECTION:		S 62°54'18.27" W		

B/L RAMP "G" (E.B. I-240 TO S.B. I-35)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	9045	403+46.03 B/L RAMP "G"=	143,000.3741	2,148,354.6410
P.O.C. STA.		403+46.03 C.R.L. I-240, 59.00' LT.		
P.I. STA.	8229	406+42.84	142,965.3749	2,148,649.3755
TANGENTIAL DIRECTION:		S 83°13'40.62" E		
TANGENTIAL LENGTH:		296.81'		
P.I. STA.	8229	406+42.84	142,965.3749	2,148,649.3755
P.C. STA.	8196	413+05.28	142,896.6397	2,149,308.2458
TANGENTIAL DIRECTION:		S 84°02'39.43" E		
TANGENTIAL LENGTH:		662.45'		
CURVE RG-1		FULL SUPER = N.C.		
P.C. STA.	8196	413+05.28	142,896.6397	2,149,308.2458
P.I. STA.	9046	414+64.52	142,880.1168	2,149,466.6282
C.C. STA.	8213		137,197.7779	2,148,713.7245
P.T. STA.	8214	416+23.68	142,854.8227	2,149,623.8485

B/L RAMP "G" (E.B. I-240 TO S.B. I-35, CONT'D.)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		5,729.79'		
DELTA:		03°11'02.05" RT.		
DEGREE OF CURVATURE (ARC):		00°59'59.87"		
LENGTH:		318.40'		
TANGENT:		159.24'		
CHORD:		318.36'		
MIDDLE ORDINATE:		2.21'		
EXTERNAL:		2.21'		
TANGENT DIRECTION:		S 84°02'39.43" E		
RADIAL DIRECTION:		S 05°57'20.57" W		
CHORD DIRECTION:		S 82°27'08.41" E		
RADIAL DIRECTION:		S 09°08'22.62" W		
TANGENT DIRECTION:		S 80°51'37.38" E		
P.T. STA.	8214	416+23.68	142,854.8227	2,149,623.8485
P.C. STA.	8217	418+78.95	142,814.2752	2,149,875.8792
TANGENTIAL DIRECTION:		S 80°51'37.38" E		
TANGENTIAL LENGTH:		255.27'		
CURVE RG-2		FULL SUPER = 5.90%		
P.C. STA.	8217	418+78.95	142,814.2752	2,149,875.8792
P.I. STA.	9047	420+84.51	142,781.6241	2,150,078.8259
C.C. STA.	8220		141,871.4690	2,149,724.1975
P.C.C. STA.	8224	422+83.89	142,668.3628	2,150,250.3638
RADIUS:		954.93'		
DELTA:		24°17'45.73" RT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		404.93'		
TANGENT:		205.56'		
CHORD:		401.91'		
MIDDLE ORDINATE:		21.38'		
EXTERNAL:		21.87'		
TANGENT DIRECTION:		S 80°51'37.38" E		
RADIAL DIRECTION:		S 09°08'22.62" W		
CHORD DIRECTION:		S 68°42'44.52" E		
RADIAL DIRECTION:		S 33°26'08.35" W		
TANGENT DIRECTION:		S 56°33'51.65" E		
CURVE RG-3		FULL SUPER = 5.60%		
P.C.C. STA.	8224	422+83.89	142,668.3628	2,150,250.3638
P.O.C. STA.	18039	424+15.75 B/L RAMP "G"=	142,589.5452	2,150,355.9821
P.O.T. STA.		422+57.84 B/L RAMP "M"		
P.I. STA.	9901	428+93.99	142,332.1973	2,150,759.4960
C.C. STA.	8470		141,712.0903	2,149,618.9642
P.T. STA.	9048	434+05.15	141,722.1200	2,150,764.8359
RADIUS:		1,145.92'		
DELTA:		56°03'46.28" RT.		
DEGREE OF CURVATURE (ARC):		05°00'00.00"		
LENGTH:		1121.26'		
TANGENT:		610.10'		
CHORD:		1077.06'		
MIDDLE ORDINATE:		134.43'		
EXTERNAL:		152.29'		
TANGENT DIRECTION:		S 56°33'51.65" E		
RADIAL DIRECTION:		S 33°26'08.35" W		
CHORD DIRECTION:		S 28°31'58.51" E		
RADIAL DIRECTION:		S 89°29'54.63" W		
TANGENT DIRECTION:		S 00°30'05.37" E		
P.T. STA.	9048	434+05.15	141,722.1200	2,150,764.8359
P.I. STA.	9049	444+61.03	140,666.2760	2,150,774.0776
TANGENTIAL DIRECTION:		S 00°30'05.37" E		
TANGENTIAL LENGTH:		1,055.88'		
P.I. STA.	9049	444+61.03	140,666.2760	2,150,774.0776
P.O.E. STA.	8219	447+61.27 B/L RAMP "G"=	140,366.3925	2,150,788.7029
P.O.T. STA.		53+47.60 C/L I-35, 59.00' LT.		
TANGENTIAL DIRECTION:		S 02°47'31.57" E		
TANGENTIAL LENGTH:		300.24'		

B/L RAMP "H" (W.B. I-240 TO N.B. I-35)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	18906	407+32.25 B/L RAMP "H"=	145,562.4815	2,150,856.2613
P.O.T. STA.		105+43.03 C/L I-35, 47.00' RT.		
P.I. STA.	18905	415+72.34	144,722.5644	2,150,873.3082
TANGENTIAL DIRECTION:		S 01°09'45.76" E		
TANGENTIAL LENGTH:		840.09'		
P.I. STA.	18905	415+72.34	144,722.5644	2,150,873.3082
P.C. STA.	9052	423+33.91	143,961.0128	2,150,877.8840
TANGENTIAL DIRECTION:		S 00°20'39.33" E		
TANGENTIAL LENGTH:		761.57'		
CURVE RH-1		FULL SUPER = 5.90%		
P.C. STA.	9052	423+33.91	143,961.0128	2,150,877.8840
P.O.C. STA.	31124	428+37.77 B/L RAMP "H"=	143,480.9951	2,151,010.6453
P.O.C. STA.		87+26.09 B/L RAMP "A"		
P.I. STA.	8870	432+89.93	143,005.0068	2,150,883.6282
P.O.C. STA.	31114	433+38.43 B/L RAMP "H"=	143,134.6747	2,151,364.2446
P.O.C. STA.		82+23.28 B/L RAMP "A"		
C.C. STA.	9051		143,966.7504	2,151,832.7964
P.T. STA.=	9050	438+35.00 B/L RAMP "H"=	143,011.8451	2,151,839.6269
P.O.E. STA.		438+36.46 B/L RAMP "I"		
RADIUS:		954.93'		
DELTA:		90°03'56.06" LT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		1,501.09'		
TANGENT:		956.02'		
CHORD:		1,351.25'		
MIDDLE ORDINATE:		280.08'		
EXTERNAL:		396.32'		
TANGENT DIRECTION:		S 00°20'39.33" E		
RADIAL DIRECTION:		S 89°39'20.67" W		
CHORD DIRECTION:		S 45°22'37.36" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
TANGENT DIRECTION:		N 89°35'24.60" E		
P.T. STA.	9050	438+35.00	143,011.8451	2,151,839.6269
P.C. STA.	9053	441+38.54	143,014.0163	2,152,143.1560
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		303.54'		
CURVE RH-2		FULL SUPER = 3.50%		
P.C. STA.	9053	441+38.54	143,014.0163	2,152,143.1560
P.I. STA.	8012	442+33.06	143,014.6924	2,152,237.6760
C.C. STA.	8135		140,149.3006	2,152,163.6474
P.T. STA.	8132	443+27.51	143,009.1365	2,152,332.0351
RADIUS:		2,864.79'		
DELTA:		03°46'46.30" RT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		188.98'		
TANGENT:		94.52'		
CHORD:		188.94'		
MIDDLE ORDINATE:		1.56'		
EXTERNAL:		1.56'		
TANGENT DIRECTION:		N 89°35'24.60" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
CHORD DIRECTION:		S 88°31'12.25" E		
RADIAL DIRECTION:		S 03°22'10.90" W		
TANGENT DIRECTION:		S 86°37'49.10" E		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	F.ISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES (SHEET 6 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R020

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

B/L RAMP "H" (W.B. I-240 TO N.B. I-35, CONT'D.)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.T. STA.	8132	443+27.51	143,009.1365	2,152,332.0351
P.O.E. STA.	8133	449+30.83 B/L RAMP "H"=	142,973.6743	2,152,934.3129
P.O.T. STA.		449+30.83 C.R.L. I-240, 59.00' RT.		
TANGENTIAL DIRECTION:		S 86°37'49.10" E		
TANGENTIAL LENGTH:		603.32'		

B/L RAMP "I" (W.B. I-240 TO RAMPS "C" & "L")

V= 55 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	8163	425+32.69 B/L RAMP "I"=	143,002.5195	2,150,535.9001
P.O.T. STA.		425+32.69 C.R.L. I-240,105.00' RT.=		
P.C. STA./ P.O.B. STA.		71+30.93 B/L RAMP "C"		
P.O.T. STA.	18038	427+62.43 B/L RAMP "I"=	143,004.1628	2,150,765.6311
P.O.T. STA.		84+44.78 B/L RAMP "C"		
P.O.T. STA.	1013	428+21.43 B/L RAMP "I"=	143,004.5848	2,150,824.6296
P.O.T. STA.		79+85.37 C/L I-35		
P.O.T. STA.	1016	428+80.43 B/L RAMP "I"=	143,005.0068	2,150,883.6282
P.O.T. STA.		79+85.28 B/L RAMP "D"		
P.O.T. STA.	18033	434+15.00 B/L RAMP "I"=	143,008.8305	2,151,418.1807
P.O.C. STA.		80+86.20 B/L RAMP "A"		
P.O.T. STA.	18040	434+57.61 B/L RAMP "I"=	143,009.1353	2,151,460.7901
P.O.C. STA.		80+87.37 B/L RAMP "J"		
P.O.E. STA.	9050	438+36.46 B/L RAMP "I"=	143,011.8451	2,151,839.6269
P.T. STA.		438+35.00 B/L RAMP "H"=		
P.O.T. STA.		438+36.45 C.R.L. I-240, 105.00' RT.		
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		1,303.76'		

B/L RAMP "J" (N.B. I-35 TO N.E. SERV. RD.)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RJ-1		FULL SUPER = 6.00%		
P.C. STA./ P.O.B. STA.	9059	77+07.36 B/L RAMP "J"=	142,631.4878	2,151,475.5959
P.O.C. STA.		77+07.36 B/L RAMP "A", 24.00' LT.		
P.I. STA.	9902	79+64.69	142,886.2416	2,151,511.9281
P.O.C. STA.	31136	79+80.92 B/L RAMP "J"=	142,904.2609	2,151,478.7251
P.O.T. STA.		434+74.79 C.R.L. I-240		
P.O.C. STA.	18040	80+87.37 B/L RAMP "J"=	143,009.1353	2,151,460.7901
P.O.T. STA.		434+57.61 B/L RAMP "I"		
P.O.C. STA.	31125	81+79.21 B/L RAMP "J"=	143,097.7733	2,151,436.8552
P.O.C. STA.		434+19.90 B/L RAMP "H"		
C.C. STA.	8464		142,779.8240	2,150,435.4918
P.T. STA.	9056	82+12.09	143,128.9497	2,151,426.4164
RADIUS:		1,050.63'		
DELTA:		27°31'30.50" LT.		
DEGREE OF CURVATURE (ARC):		05°27'12.52"		
LENGTH:		504.73'		
TANGENT:		257.33'		
CHORD:		499.89'		
MIDDLE ORDINATE:		30.16'		
EXTERNAL:		31.06'		
TANGENT DIRECTION:		N 08°06'59.76" E		
RADIAL DIRECTION:		S 81°53'00.24" E		
CHORD DIRECTION:		N 05°38'45.49" W		
RADIAL DIRECTION:		N 70°35'29.26" E		
TANGENT DIRECTION:		N 19°24'30.74" W		
P.T. STA.	9056	82+12.09	143,128.9497	2,151,426.4164
P.C. STA.	9055	82+14.63	143,131.3494	2,151,425.5709
TANGENTIAL DIRECTION:		N 19°24'30.74" W		
TANGENTIAL LENGTH:		2.54'		

B/L RAMP "J" (N.B. I-35 TO N.E. SERV. RD., CONT'D.)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RJ-2		FULL SUPER = 6.00%		
P.C. STA.	9055	82+14.63	143,131.3494	2,151,425.5709
P.I. STA.	9903	83+62.09	143,270.4257	2,151,376.5711
C.C. STA.	9057		142,940.9546	2,150,885.1725
P.T. STA.	9054	85+03.28	143,368.5690	2,151,266.5209
RADIUS:		572.96'		
DELTA:		28°51'53.07" LT.		
DEGREE OF CURVATURE (ARC):		10°00'00.00"		
LENGTH:		288.65'		
TANGENT:		147.46'		
CHORD:		285.6'		
MIDDLE ORDINATE:		18.08'		
EXTERNAL:		18.67'		
TANGENT DIRECTION:		N 19°24'30.74" W		
RADIAL DIRECTION:		N 70°35'29.26" E		
CHORD DIRECTION:		N 33°50'27.28" W		
RADIAL DIRECTION:		N 41°43'36.19" E		
TANGENT DIRECTION:		N 48°16'23.81" W		
P.T. STA.	9054	85+03.28	143,368.5690	2,151,266.5209
P.O.T. STA.	30607	86+19.66	143,446.0285	2,151,179.6638
TANGENTIAL DIRECTION:		N 48°16'23.81" W		
TANGENTIAL LENGTH:		116.38'		
P.O.T. STA.	30607	86+19.66	143,446.0285	2,151,179.6638
P.O.T. STA. B/L SHIFT 15.00' LT.	30608	86+19.66	143,434.8336	2,151,169.6801
P.O.T. STA.	30608	86+19.66	143,434.8336	2,151,169.6801
P.C. STA.	9073	87+38.70	143,514.0641	2,151,080.8371
		N 48°16'23.81" W		
		119.04'		
CURVE RJ-3		FULL SUPER = 5.90%		
P.C. STA.	9073	87+38.70	143,514.0641	2,151,080.8371
P.I. STA.	9068	89+77.80	143,673.2042	2,150,902.3899
C.C. STA.	18481		143,913.9994	2,151,437.5011
P.T. STA.	9074	91+88.49	143,912.3033	2,150,901.6331
RADIUS:		535.87'		
DELTA:		48°05'30.96" RT.		
DEGREE OF CURVATURE (ARC):		10°41'31.53"		
LENGTH:		449.79'		
TANGENT:		239.10'		
CHORD:		436.70'		
MIDDLE ORDINATE:		46.50'		
EXTERNAL:		50.92'		
TANGENT DIRECTION:		N 48°16'23.81" W		
RADIAL DIRECTION:		N 41°43'36.19" E		
CHORD DIRECTION:		N 24°13'38.33" W		
RADIAL DIRECTION:		N 89°49'07.15" E		
TANGENT DIRECTION:		N 00°10'52.85" W		
P.T. STA.	9074	91+88.49	143,912.3033	2,150,901.6331
P.O.E. STA.	9070	97+34.20 B/L RAMP "J"=	144,458.0110	2,150,899.9059
P.O.C. STA.		94+40.74 C/L N.E. SERV. RD., 25.00' RT.		
TANGENTIAL DIRECTION:		N 00°10'52.85" W		
TANGENTIAL LENGTH:		545.71'		

B/L RAMP "L" (W.B. I-240 TO N.W. SERV. RD.)

V= 50 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RL-1		FULL SUPER = 3.50%		
P.C. STA./ P.O.B. STA.	8347	407+47.18 B/L RAMP "L"=	143,157.8333	2,148,764.1619
P.O.T. STA.		69+87.34 C/L N.W. SERV. RD., 25.00' LT.		
P.I. STA.	8346	410+21.25	143,160.4314	2,149,038.2199
C.C. STA.	8350		140,293.1730	2,148,791.3196
P.T. STA.	8351	412+93.66	143,111.0205	2,149,307.7994
RADIUS:		2,864.79'		
DELTA:		10°55'46.38" RT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		546.48'		
TANGENT:		274.07'		
CHORD:		545.65'		
MIDDLE ORDINATE:		13.02'		
EXTERNAL:		13.08'		
TANGENT DIRECTION:		N 89°27'24.62" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
CHORD DIRECTION:		S 85°04'42.19" E		
RADIAL DIRECTION:		S 10°23'11.00" W		
TANGENT DIRECTION:		S 79°36'49.00" E		
P.T. STA.	8351	412+93.66	143,111.0205	2,149,307.7994
P.O.T. STA.	1022	413+80.99 B/L RAMP "L"=	143,095.2755	2,149,393.7022
P.O.C. STA.		104+52.54 B/L RAMP "A"		
P.C. STA.	30041	417+75.78	143,024.1011	2,149,782.0208
TANGENTIAL DIRECTION:		S 79°36'49.00" E		
TANGENTIAL LENGTH:		482.12'		
CURVE RL-2		FULL SUPER = 3.50%		
P.C. STA.	30041	417+75.78	143,024.1011	2,149,782.0208
P.I. STA.	9040	420+47.90	142,975.0410	2,150,049.6862
C.C. STA.	8290		145,856.7028	2,150,301.2049
P.O.C. STA.	18041	422+18.37 B/L RAMP "L"=	142,978.0096	2,150,221.7688
P.O.C. STA.		418+46.11 B/L RAMP "M"		
P.O.C. STA.	18036	422+60.92 B/L RAMP "L"=	142,977.1501	2,150,264.3137
P.O.C. STA.		418+43.36 B/L RAMP "B"		
P.T. STA.	30042	423+18.42	142,976.9874	2,150,321.8037
RADIUS:		2,879.79'		
DELTA:		10°47'46.40" LT.		
DEGREE OF CURVATURE (ARC):		01°59'22.50"		
LENGTH:		542.64'		
TANGENT:		272.12'		
CHORD:		541.84'		
MIDDLE ORDINATE:		12.77'		
EXTERNAL:		12.83'		
TANGENT DIRECTION:		S 79°36'49.00" E		
RADIAL DIRECTION:		S 10°23'11.00" W		
CHORD DIRECTION:		S 85°00'42.20" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
TANGENT DIRECTION:		N 89°35'24.60" E		
P.T. STA.	30042	423+18.42	142,976.9874	2,150,321.8037
P.O.E. STA.	30040	425+32.69 B/L RAMP "L"=	142,978.5201	2,150,536.0717
P.O.T. STA.		425+32.69 C.R.L. I-240, 81.00' RT.		
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		214.27'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 7 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R021

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

B/L RAMP "M" (S.B. I-35 TO S.W. SERV. RD.)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RM-1		(V= 50) FULL SUPER = 6.00%		
P.C. STA./ P.O.B. STA.	8711	414+39.37 B/L RAMP "M"=	143,380.5701	2,150,242.9660
P.O.C. STA.		414+39.37 B/L RAMP "B", 15.00' LT.		
P.I. STA.	9908	417+38.73	143,093.2078	2,150,159.0625
C.C. STA.	8717		143,134.3230	2,151,086.3413
P.O.C. STA.	18041	418+46.11 B/L RAMP "M"=	142,978.0096	2,150,221.7688
P.O.C. STA.		422+18.37 B/L RAMP "L"		
P.O.C. STA.	31133	419+30.06 B/L RAMP "M"=	142,896.2341	2,150,240.6267
P.O.C. STA.		422+36.66 C.R.L. I-240		
P.T. STA.	8616	420+16.41	142,814.3990	2,150,268.0699
RADIUS:		878.59'		
DELTA:		37°37'51.34" LT.		
DEGREE OF CURVATURE (ARC):		06°31'16.81"		
LENGTH:		577.04'		
TANGENT:		299.36'		
CHORD:		566.73'		
MIDDLE ORDINATE:		46.95'		
EXTERNAL:		49.60'		
TANGENT DIRECTION:		S 16°16'35.94" W		
RADIAL DIRECTION:		N 73°43'24.06" W		
CHORD DIRECTION:		S 02°32'19.73" E		
RADIAL DIRECTION:		S 68°38'44.60" W		
TANGENT DIRECTION:		S 21°21'15.40" E		
P.T. STA.	8616	420+16.41	142,814.3990	2,150,268.0699
P.O.T. STA.	18039	422+57.84 B/L RAMP "M"=	142,589.5452	2,150,355.9821
P.O.C. STA.		424+15.75 B/L RAMP "G"		
P.C. STA.	8690	423+49.76	142,503.9361	2,150,389.4532
TANGENTIAL DIRECTION:		S 21°21'15.40" E		
TANGENTIAL LENGTH:		333.35'		
CURVE RM-2		FULL SUPER = 4.60%		
P.C. STA.	8690	423+49.76	142,503.9361	2,150,389.4532
P.I. STA.	8643	424+62.23	142,399.1921	2,150,430.4056
C.C. STA.	8691		143,025.5191	2,151,723.5091
P.T. STA.	8692	425+74.23	142,302.1229	2,150,487.2033
RADIUS:		1,432.39'		
DELTA:		08°58'43.64" LT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		224.47'		
TANGENT:		112.47'		
CHORD:		224.24'		
MIDDLE ORDINATE:		4.39'		
EXTERNAL:		4.41'		
TANGENT DIRECTION:		S 21°21'15.40" E		
RADIAL DIRECTION:		S 68°38'44.60" W		
CHORD DIRECTION:		S 25°50'37.22" E		
RADIAL DIRECTION:		S 59°40'00.96" W		
TANGENT DIRECTION:		S 30°19'59.04" E		
P.T. STA.	8692	425+74.23	142,302.1229	2,150,487.2033
P.O.T. STA.	18975	426+70.07	142,219.4030	2,150,535.6050
TANGENTIAL DIRECTION:		S 30°19'59.04" E		
TANGENTIAL LENGTH:		95.84'		
P.O.T. STA.	18975	426+70.07	142,219.4030	2,150,535.6050
P.O.T. STA. B/L SHIFT 15.00' LT.	18976	426+70.07	142,226.9784	2,150,548.5516
P.O.T. STA.	18976	426+70.07	142,226.9784	2,150,548.5516
P.C. STA.	8619	428+66.98	142,057.0219	2,150,647.9978
TANGENTIAL DIRECTION:		S 30°19'59.04" E		
TANGENTIAL LENGTH:		196.91'		

B/L RAMP "M" (S.B. I-35 TO S.W. SERV. RD., CONT'D.)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RM-3		FULL SUPER = 5.90%		
P.C. STA.	8619	428+66.98	142,057.0219	2,150,647.9978
P.I. STA.	9909	430+57.76	141,892.3618	2,150,744.3449
C.C. STA.	8683		141,695.3239	2,150,029.8449
P.T. STA.	8684	432+39.88	141,701.5925	2,150,746.0147
RADIUS:		716.20'		
DELTA:		29°49'53.63" RT.		
DEGREE OF CURVATURE (ARC):		08°00'00.00"		
LENGTH:		372.89'		
TANGENT:		190.78'		
CHORD:		368.7'		
MIDDLE ORDINATE:		24.13'		
EXTERNAL:		24.97'		
TANGENT DIRECTION:		S 30°19'59.04" E		
RADIAL DIRECTION:		S 59°40'00.96" W		
CHORD DIRECTION:		S 15°25'02.22" E		
RADIAL DIRECTION:		S 89°29'54.60" W		
TANGENT DIRECTION:		S 00°30'05.40" E		
P.T. STA.	8684	432+39.88	141,701.5925	2,150,746.0147
P.O.E. STA.	8743	435+39.70 B/L RAMP "M"=	141,401.7775	2,150,748.6390
P.O.T. STA.		63+83.28 C/L S.W. SERV. RD., 25.00' RT.		
TANGENTIAL DIRECTION:		S 00°30'05.40" E		
TANGENTIAL LENGTH:		299.83'		

B/L RAMP "N"

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6060	467+58.71 B/L RAMP "N"=	142,878.9775	2,154,762.5354
P.O.C. STA.		467+58.71 C.R.L. I-240, 47.00' LT.		
P.C. STA.	6062	472+14.00	142,844.6625	2,155,216.5268
TANGENTIAL DIRECTION:		S 85°40'39.05" E		
TANGENTIAL LENGTH:		455.29'		
CURVE RN-1		FULL SUPER = 4.90%		
P.C. STA.	6062	472+14.00	142,844.6625	2,155,216.5268
P.I. STA.	6065	474+83.62	142,824.3409	2,155,485.3843
C.C. STA.	6063		141,575.0444	2,155,120.5627
P.T. STA.	6064	477+45.40	142,696.7823	2,155,722.9270
RADIUS:		1,273.24'		
DELTA:		23°54'46.65" RT.		
DEGREE OF CURVATURE (ARC):		04°30'00.00"		
LENGTH:		531.40'		
TANGENT:		269.62'		
CHORD:		527.55'		
MIDDLE ORDINATE:		27.62'		
EXTERNAL:		28.24'		
TANGENT DIRECTION:		S 85°40'39.05" E		
RADIAL DIRECTION:		S 04°19'20.95" W		
CHORD DIRECTION:		S 73°43'15.66" E		
RADIAL DIRECTION:		S 28°14'07.60" W		
TANGENT DIRECTION:		S 61°45'52.40" E		
P.T. STA.	6064	477+45.40	142,696.7823	2,155,722.9270
P.C. STA.	6066	479+86.78	142,582.5865	2,155,935.5854
TANGENTIAL DIRECTION:		S 61°45'52.40" E		
TANGENTIAL LENGTH:		241.38'		

B/L RAMP "N" (CONT'D.)

V= 45 M.P.H., e Max= 6.00%

	POINT	STATION	NORTHING	EASTING
CURVE RN-2		FULL SUPER = N.C.		
P.C. STA.	6066	479+86.78	142,582.5865	2,155,935.5854
P.I. STA.	6067	481+38.99	142,510.5742	2,156,069.6885
C.C. STA.	6068		143,111.1930	2,156,219.4430
P.T. STA./ P.O.E. STA.	6069	482+84.92 B/L RAMP "N"=	142,511.1981	2,156,221.9021
P.O.T. STA.		482+23.41 C.R.L. I-240, 399.94' LT.		
RADIUS:		600.00'		
DELTA:		28°28'13.00" LT.		
DEGREE OF CURVATURE (ARC):		09°32'57.47"		
LENGTH:		298.14'		
TANGENT:		152.21'		
CHORD:		295.08'		
MIDDLE ORDINATE:		18.42'		
EXTERNAL:		19.01'		
TANGENT DIRECTION:		S 61°45'52.40" E		
RADIAL DIRECTION:		S 28°14'07.60" W		
CHORD DIRECTION:		S 75°59'58.90" E		
RADIAL DIRECTION:		S 00°14'05.40" E		
TANGENT DIRECTION:		N 89°45'54.60" E		

C/L E.N.E. SERV. RD.

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
CURVE ENE-1		FULL SUPER = N.C.		
P.C. STA./ P.O.B. STA.	18405	42+25.27 C/L E.N.E. SERV. RD.=	143,033.3536	2,155,185.8491
P.O.C. STA.		471+81.11 C.R.L. I-240, 109.24' RT.		
P.I. STA.	18438	42+53.92	143,032.5759	2,155,157.2128
C.C. STA.	18404		145,897.0867	2,155,108.0753
P.T. STA.	18403	42+82.56	143,032.3709	2,155,128.5668
RADIUS:		2,864.79'		
DELTA:		01°08'45.00" RT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		57.29'		
TANGENT:		28.65'		
CHORD:		57.29'		
MIDDLE ORDINATE:		0.14'		
EXTERNAL:		0.14'		
TANGENT DIRECTION:		S 88°26'39.60" W		
RADIAL DIRECTION:		N 01°33'20.40" W		
CHORD DIRECTION:		S 89°01'02.10" W		
RADIAL DIRECTION:		N 00°24'35.40" W		
TANGENT DIRECTION:		S 89°35'24.60" W		
P.T. STA.	18403	42+82.56	143,032.3709	2,155,128.5668
P.C. STA.	18402	53+16.41	143,024.9760	2,154,094.7478
TANGENTIAL DIRECTION:		S 89°35'24.60" W		
TANGENTIAL LENGTH:		1,033.85'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES (SHEET 8 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R022

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C/L E.N.E. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
CURVE ENE-2		FULL SUPER = 3.80%		
P.C. STA.	18402	53+16.41	143,024.9760	2,154,094.7478
P.O.C. STA.	31363	53+20.81 C/L E.N.E. SERV. RD.=	143,024.9496	2,154,090.3445
P.O.T. STA.		15+98.32 A.T. & S.F. R.R. S.T.		
P.O.C. STA.	31360	54+56.04 C/L E.N.E. SERV. RD.=	143,029.0799	2,153,955.2100
P.O.T. STA.		20563+49.27 A.T. & S.F. R.R. M.T.		
P.I. STA.	18437	55+98.70	143,022.9568	2,153,812.4625
C.C. STA.	18401		144,934.7864	2,154,081.0868
P.T. STA.	18400	58+76.93	143,102.6879	2,153,541.6635
RADIUS:		1,909.86'		
DELTA:		16°48'56.88" RT.		
DEGREE OF CURVATURE (ARC):		03°00'00.00"		
LENGTH:		560.53'		
TANGENT:		282.29'		
CHORD:		558.52'		
MIDDLE ORDINATE:		20.53'		
EXTERNAL:		20.75'		
TANGENT DIRECTION:		S 89°35'24 60" W		
RADIAL DIRECTION:		N 00°24'35.40" W		
CHORD DIRECTION:		N 82°00'06.95" W		
RADIAL DIRECTION:		N 16°24'21.49" E		
TANGENT DIRECTION:		N 73°35'38.51" W		
P.T. STA.	18400	58+76.93	143,102.6879	2,153,541.6635
P.C. STA.	3581	59+82.86	143,132.6066	2,153,440.0475
TANGENTIAL DIRECTION:		N 73°35'38.51" W		
TANGENTIAL LENGTH:		105.93'		
CURVE ENE-3		FULL SUPER = 4.70%		
P.C. STA.	3581	59+82.86	143,132.6066	2,153,440.0475
P.I. STA.	18436	63+63.40	143,240.0874	2,153,074.9996
C.C. STA.	3579		141,758.5327	2,153,035.4800
P.T. STA.	3578	67+26.76	143,152.2205	2,152,704.7409
P.O.C. STA.		63+91.25 E.N.E. SERV RD.=		
P.O.E. STA.	13969	68+42.40 C/L POLE RD.	143,190.9261	2,153,037.2370
RADIUS:		1,432.39'		
DELTA:		29°45'21.60" LT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		743.90'		
TANGENT:		380.54'		
CHORD:		735.57'		
MIDDLE ORDINATE:		48.02'		
EXTERNAL:		49.69'		
TANGENT DIRECTION:		N 73°35'38.51" W		
RADIAL DIRECTION:		N 16°24'21.49" E		
CHORD DIRECTION:		N 88°28'19.31" W		
RADIAL DIRECTION:		N 13°21'00.11" W		
TANGENT DIRECTION:		S 76°38'59.89" W		
P.T. STA.	3578	67+26.76	143,152.2205	2,152,704.7409
P.C. STA.	8662	69+89.93	143,091.4547	2,152,448.6825
TANGENTIAL DIRECTION:		S 76°38'59.89" W		
TANGENTIAL LENGTH:		263.17'		
CURVE ENE-4		FULL SUPER = 6.00%		
P.C. STA.	8662	69+89.93	143,091.4547	2,152,448.6825
P.I. STA.	9912	70+98.23	143,066.4493	2,152,343.3732
C.C. STA.	8388		144,020.5799	2,152,228.1893
P.T. STA.	8660	72+05.60	143,065.6747	2,152,235.0202
RADIUS:		954.93'		
DELTA:		12°56'24.72" RT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		215.67'		
TANGENT:		108.30'		
CHORD:		215.21'		
MIDDLE ORDINATE:		6.08'		
EXTERNAL:		6.12'		
TANGENT DIRECTION:		S 76°38'59.89" W		
RADIAL DIRECTION:		N 13°21'00.11" W		
CHORD DIRECTION:		S 83°07'12.25" W		
RADIAL DIRECTION:		N 00°24'35.40" W		
TANGENT DIRECTION:		S 89°35'24.60" W		

C/L E.N.E. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.T. STA.	8660	72+05.60	143,065.6747	2,152,235.0202
P.C. STA.	9190	74+46.23	143,063.9535	2,151,994.3963
TANGENTIAL DIRECTION:		S 89°35'24.60" W		
TANGENTIAL LENGTH:		240.63'		
CURVE ENE-5		FULL SUPER = N.C.		
P.C. STA.	9190	74+46.23	143,063.9535	2,151,994.3963
P.I. STA.	9913	74+66.65	143,063.8075	2,151,973.9818
C.C. STA.	9191		143,088.9528	2,151,994.2174
P.T. STA.	9192	74+80.47	143,083.7808	2,151,969.7583
RADIUS:		25.00'		
DELTA:		78°28'12.78" RT.		
DEGREE OF CURVATURE (ARC):		229°10'59.23"		
LENGTH:		34.24'		
TANGENT:		20.42'		
CHORD:		31.63'		
MIDDLE ORDINATE:		5.64'		
EXTERNAL:		7.28'		
TANGENT DIRECTION:		S 89°35'24.60" W		
RADIAL DIRECTION:		N 00°24'35.40" W		
CHORD DIRECTION:		N 51°10'29.01" W		
RADIAL DIRECTION:		N 78°03'37.38" E		
TANGENT DIRECTION:		N 11°56'22.62" W		
P.T. STA.	9192	74+80.47	143,083.7808	2,151,969.7583
P.O.E. STA.	9188	76+60.00 C/L E.N.E. SERV. RD.=	143,259.4251	2,151,932.6174
P.O.T. STA.		439+31.21 C.R.L. I-240, 351.91' RT.		
TANGENTIAL DIRECTION:		N 11°56'22.62" W		
TANGENTIAL LENGTH:		179.53'		

C/L N.N.E. SERV. RD.

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	30412	87+00.00 C/L N.N.E. SERV. RD.=	143,935.7003	2,151,174.6197
P.O.T. STA.		89+15.93 C/L I-35, 355.50' LT.		
P.C. STA.	9169	88+75.52	143,926.3855	2,150,999.3467
TANGENTIAL DIRECTION:		S 86°57'28.51" W		
TANGENTIAL LENGTH:		175.52'		
CURVE NNE-1		FULL SUPER = N.C.		
P.C. STA.	9169	88+75.52	143,926.3855	2,150,999.3467
P.I. STA.	9914	89+29.12	143,923.5409	2,150,945.8194
C.C. STA.	9166		143,979.3109	2,150,996.5340
P.T. STA.	9164	89+59.37	143,977.0970	2,150,943.5803
RADIUS:		53.00'		
DELTA:		90°38'52.92" RT.		
DEGREE OF CURVATURE (ARC):		108°06'18.88"		
LENGTH:		83.85'		
TANGENT:		53.60'		
CHORD:		75.38'		
MIDDLE ORDINATE:		15.74'		
EXTERNAL:		22.38'		
TANGENT DIRECTION:		S 86°57'28.51" W		
RADIAL DIRECTION:		N 03°02'31.49" W		
CHORD DIRECTION:		N 47°43'05.03" W		
RADIAL DIRECTION:		N 87°36'21.43" E		
TANGENT DIRECTION:		N 02°23'38.57" W		
P.T. STA.	9164	89+59.37	143,977.0970	2,150,943.5803
P.C. STA.	9042	93+66.49	144,383.8548	2,150,926.5744
TANGENTIAL DIRECTION:		N 02°23'38.57" W		
TANGENTIAL LENGTH:		407.11'		
CURVE NNE-2		FULL SUPER = 3.80%		
P.C. STA.	9042	93+66.49	144,383.8548	2,150,926.5744
P.I. STA.	9915	94+65.10	144,482.3802	2,150,922.4553
C.C. STA.	3161		144,464.1762	2,152,847.7554
P.T. STA.	9041	95+63.54	144,580.8100	2,150,928.4367

C/L N.N.E. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		1,922.86'		
DELTA:		05°52'17.54" RT.		
DEGREE OF CURVATURE (ARC):		02°58'46.98"		
LENGTH:		197.05'		
TANGENT:		98.61'		
CHORD:		196.96'		
MIDDLE ORDINATE:		2.52'		
EXTERNAL:		2.53'		
TANGENT DIRECTION:		N 02°23'38.57" W		
RADIAL DIRECTION:		N 87°36'21.43" E		
CHORD DIRECTION:		N 00°32'30.20" E		
RADIAL DIRECTION:		S 86°31'21.03" E		
TANGENT DIRECTION:		N 03°28'38.97" E		
P.T. STA.	9041	95+63.54	144,580.8100	2,150,928.4367
P.C. STA.	7720	97+36.16	144,753.1170	2,150,938.9075
TANGENTIAL DIRECTION:		N 03°28'38.97" E		
TANGENTIAL LENGTH:		172.62'		
CURVE NNE-3		FULL SUPER = N.A.		
P.C. STA.	7720	97+36.16	144,753.1170	2,150,938.9075
P.I. STA.	9916	97+99.45	144,816.2861	2,150,942.7462
C.C. STA.	3164		144,868.1738	2,149,045.5409
P.T. STA.	7721	98+62.68	144,879.5706	2,150,942.3659
RADIUS:		1,896.86'		
DELTA:		03°49'18.27" LT.		
DEGREE OF CURVATURE (ARC):		03°01'14.02"		
LENGTH:		126.52'		
TANGENT:		63.29'		
CHORD:		126.50'		
MIDDLE ORDINATE:		1.05'		
EXTERNAL:		1.06'		
TANGENT DIRECTION:		N 03°28'38.97" E		
RADIAL DIRECTION:		S 86°31'21.03" E		
CHORD DIRECTION:		N 01°33'59.84" E		
RADIAL DIRECTION:		N 89°39'20.70" E		
TANGENT DIRECTION:		N 00°20'39.30" W		
P.T. STA.	7721	98+62.68	144,879.5706	2,150,942.3659
P.C. STA.	7690	102+48.85	145,265.7300	2,150,940.0457
TANGENTIAL DIRECTION:		N 00°20'39.30" W		
TANGENTIAL LENGTH:		386.17'		
CURVE NNE-4		FULL SUPER = N.A.		
P.C. STA.	7690	102+48.85	145,265.7300	2,150,940.0457
P.I. STA.	9917	103+08.79	145,325.6699	2,150,939.6856
C.C. STA.	7691		145,277.2050	2,152,849.8706
P.T. STA./ P.O.E. STA.	7692	103+68.69 C/L N.N.E. SERV. RD.=	145,385.5144	2,150,943.0849
P.T. STA.		103+65.55 C/L I-35, 132.76' LT.		
RADIUS:		1,909.86'		
DELTA:		03°35'43.00" RT.		
DEGREE OF CURVATURE (ARC):		03°00'00.00"		
LENGTH:		119.84'		
TANGENT:		59.94'		
CHORD:		119.82'		
MIDDLE ORDINATE:		0.94'		
EXTERNAL:		0.94'		
TANGENT DIRECTION:		N 00°20'39.30" W		
RADIAL DIRECTION:		N 89°39'20.70" E		
CHORD DIRECTION:		N 01°27'12.20" E		
RADIAL DIRECTION:		S 86°44'56.30" E		
TANGENT DIRECTION:		N 03°15'03.70" E		

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 9 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R023

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

C/L N.W. SERV. RD.

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6728	55+27.59 C/L N.W. SERV. RD.=	143,204.3943	2,147,304.4828
P.O.T. STA.		149+12.90 C/L S. SHIELDS BLVD.=		
P.O.T. STA.		392+97.89 C.R.L. I-240, 144.40' RT.		
P.C. STA.	6732	65+52.04	143,180.2685	2,148,328.6447
TANGENTIAL DIRECTION:		S 88°39'01.99" E		
TANGENTIAL LENGTH:		1,024.45'		
CURVE NW-1		FULL SUPER = 2.70%		
P.C. STA.	6732	65+52.04	143,180.2685	2,148,328.6447
P.I. STA.	9025	65+99.36	143,179.1541	2,148,375.9511
C.C. STA.	6731		146,044.2629	2,148,396.1109
P.T. STA.	6730	66+46.67	143,179.6027	2,148,423.2686
RADIUS:		2,864.79'		
DELTA:		01°53'33.39" LT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		94.63'		
TANGENT:		47.32'		
CHORD:		94.63'		
MIDDLE ORDINATE:		0.39'		
EXTERNAL:		0.39'		
TANGENT DIRECTION:		S 88°39'01.99" E		
RADIAL DIRECTION:		S 01°20'58.01" W		
CHORD DIRECTION:		S 89°35'48.68" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
TANGENT DIRECTION:		N 89°27'24.62" E		
P.T. STA.	6730	66+46.67	143,179.6027	2,148,423.2686
P.C. STA.	9026	72+69.02	143,185.5025	2,149,045.5948
TANGENTIAL DIRECTION:		N 89°27'24.62" E		
TANGENTIAL LENGTH:		622.35'		
CURVE NW-2		FULL SUPER = 4.70%		
P.C. STA.	9026	72+69.02	143,185.5025	2,149,045.5948
P.I. STA.	9924	78+36.69	143,190.8839	2,149,613.2408
C.C. STA.	9027		144,617.8326	2,149,032.0160
P.T. STA.	9028	83+49.97	143,583.6575	2,150,023.0941
RADIUS:		1,432.39'		
DELTA:		43°14'16.00" LT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		1,080.94'		
TANGENT:		567.67'		
CHORD:		1,055.48'		
MIDDLE ORDINATE:		100.76'		
EXTERNAL:		108.39'		
TANGENT DIRECTION:		N 89°27'24.62" E		
RADIAL DIRECTION:		S 00°32'35.38" E		
CHORD DIRECTION:		N 67°50'16.62" E		
RADIAL DIRECTION:		S 43°46'51.38" E		
TANGENT DIRECTION:		N 46°13'08.62" E		
P.T. STA.	9028	83+49.97	143,583.6575	2,150,023.0941
P.C. STA.	9029	86+55.00	143,794.7148	2,150,243.3293
TANGENTIAL DIRECTION:		N 46°13'08.62" E		
TANGENTIAL LENGTH:		305.04'		
CURVE NW-3		FULL SUPER = 4.70%		
P.C. STA.	9029	86+55.00	143,794.7148	2,150,243.3293
P.I. STA.	9925	92+71.35	144,221.1645	2,150,688.3231
C.C. STA.	9030		144,828.8900	2,149,252.2512
P.T. STA.	9031	98+19.09	144,837.4964	2,150,684.6199
RADIUS:		1,432.39'		
DELTA:		46°33'47.95" LT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		1,164.08'		
TANGENT:		616.34'		
CHORD:		1132.31'		
MIDDLE ORDINATE:		116.64'		
EXTERNAL:		126.97'		
TANGENT DIRECTION:		N 46°13'08.62" E		
RADIAL DIRECTION:		S 43°46'51.38" E		
CHORD DIRECTION:		N 22°56'14.64" E		
RADIAL DIRECTION:		N 89°39'20.67" E		
TANGENT DIRECTION:		N 00°20'39.33" W		

C/L N.W. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.T. STA.	9031	98+19.09	144,837.4964	2,150,684.6199
P.O.E. STA.	9094	106+20.18 C/L N.W. SERV. RD.=	145,638.5743	2,150,679.8066
P.O.T. STA.		106+20.18 C/L I-35, 129.00' RT.		
TANGENTIAL DIRECTION:		N 00°20'39.33" W		
TANGENTIAL LENGTH:		801.09'		

C/L S.E. SERV. RD.

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	7729	55+00.00 C/L S.E. SERV. RD.=	140,518.0042	2,151,024.0136
P.O.T. STA.		54+97.14 C/L I-35, 177.63' LT.		
P.C. STA.	8792	62+27.40	141,243.2273	2,151,080.2890
TANGENTIAL DIRECTION:		N 04°26'13.60" E		
TANGENTIAL LENGTH:		727.40'		
CURVE SE-1		FULL SUPER = 6.00%		
P.C. STA.	8792	62+27.40	141,243.2273	2,151,080.2890
P.I. STA.	9910	64+70.65	141,485.7480	2,151,099.1080
C.C. STA.	8793		141,169.3494	2,152,032.3566
P.T. STA.	8826	67+03.77	141,689.7100	2,151,231.6597
RADIUS:		954.93'		
DELTA:		28°34'55.58" RT.		
DEGREE OF CURVATURE (ARC):		06°00'00.00"		
LENGTH:		476.37'		
TANGENT:		243.25'		
CHORD:		471.44'		
MIDDLE ORDINATE:		29.55'		
EXTERNAL:		30.49'		
TANGENT DIRECTION:		N 04°26'13.60" E		
RADIAL DIRECTION:		S 85°33'46.40" E		
CHORD DIRECTION:		N 18°43'41.39" E		
RADIAL DIRECTION:		S 56°58'50.82" E		
TANGENT DIRECTION:		N 33°01'09.18" E		
P.T. STA.	8826	67+03.77	141,689.7100	2,151,231.6597
P.C. STA.	8827	75+26.82	142,379.8220	2,151,680.1528
TANGENTIAL DIRECTION:		N 33°01'09.18" E		
TANGENTIAL LENGTH:		823.04'		
CURVE SE-2		FULL SUPER = 6.30%		
P.C. STA.	8827	75+26.82	142,379.8220	2,151,680.1528
P.I. STA.	9911	80+01.15	142,777.5473	2,151,938.6283
C.C. STA.	8790		141,899.4892	2,152,419.2576
P.T. STA.	8791	83+97.14	142,780.9401	2,152,412.9526
RADIUS:		881.47'		
DELTA:		56°34'15.42" RT.		
DEGREE OF CURVATURE (ARC):		06°30'00.00"		
LENGTH:		870.32'		
TANGENT:		474.34'		
CHORD:		835.40'		
MIDDLE ORDINATE:		105.25'		
EXTERNAL:		119.52'		
TANGENT DIRECTION:		N 33°01'09.18" E		
RADIAL DIRECTION:		S 56°58'50.82" E		
CHORD DIRECTION:		N 61°18'16.89" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
TANGENT DIRECTION:		N 89°35'24.60" E		
P.T. STA.	8791	83+97.14	142,780.9401	2,152,412.9526
P.C. STA.	3567	85+26.59	142,781.8661	2,152,542.4008
TANGENTIAL DIRECTION:		N 89°35'24.60" E		
TANGENTIAL LENGTH:		129.45'		
CURVE SE-3		FULL SUPER = 5.60%		
P.C. STA.	3567	85+26.59	142,781.8661	2,152,542.4008
P.I. STA.	3574	88+33.64	142,784.0623	2,152,849.4401
C.C. STA.	3568		141,635.9798	2,152,550.5974
P.O.C. STA.		90+41.49 C/L S.E. SERV. RD.=		
P.O.B. STA.	13968	63+23.14 C/L POLE RD.	142,671.6803	2,153,040.9512
P.T. STA.	3572	91+26.59	142,632.4447	2,153,116.4421

C/L S.E. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		1,145.92'		
DELTA:		30°00'00.00" RT.		
DEGREE OF CURVATURE (ARC):		05°00'00.00"		
LENGTH:		600.00'		
TANGENT:		307.05'		
CHORD:		593.17'		
MIDDLE ORDINATE:		39.05'		
EXTERNAL:		40.42'		
TANGENT DIRECTION:		N 89°35'24.60" E		
RADIAL DIRECTION:		S 00°24'35.40" E		
CHORD DIRECTION:		S 75°24'35.40" E		
RADIAL DIRECTION:		S 29°35'24.60" W		
TANGENT DIRECTION:		S 60°24'35.40" E		
P.T. STA.	3572	91+26.59	142,632.4447	2,153,116.4421
P.C. STA.	1044	97+33.78	142,332.6187	2,153,644.4423
TANGENTIAL DIRECTION:		S 60°24'35.40" E		
TANGENTIAL LENGTH:		607.19'		
CURVE SE-4		FULL SUPER = N.A.		
P.C. STA.	1044	97+33.78	142,332.6187	2,153,644.4423
P.I. STA.	1045	98+39.63	142,280.3501	2,153,736.4884
C.C. STA.	1046		142,202.1817	2,153,570.3734
P.T. STA./ P.O.E. STA.	1047	99+18.14 C/L E.N.E. SERV. RD.=	142,176.1100	2,153,718.0902
P.O.T. STA		457+08.89 C.R.L. I-240, 744.15' LT.		
RADIUS:		150.00'		
DELTA:		70°25'09.54" RT.		
DEGREE OF CURVATURE (ARC):		38°11'49.87"		
LENGTH:		184.36'		
TANGENT:		105.85'		
CHORD:		172.97'		
MIDDLE ORDINATE:		27.44'		
EXTERNAL:		33.59'		
TANGENT DIRECTION:		S 60°24'35.40" E		
RADIAL DIRECTION:		S 29°35'24.60" W		
CHORD DIRECTION:		S 25°12'00.63" E		
RADIAL DIRECTION:		N 79°59'25.86" W		
TANGENT DIRECTION:		S 10°00'34.14" W		

C/L POLE RD.

V= N.A. M.P.H., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	13968	63+23.14 C/L POLE RD.=	142,671.6803	2,153,040.9512
P.O.C. STA.		90+41.49 C/L S.E. SERV. RD.		
P.O.C. STA.		63+91.25 C/L E.N.E SERV. RD.=		
P.O.E. STA.	13969	68+42.40 C/L POLE RD.	143,190.9261	2,153,037.2370
TANGENTIAL DIRECTION:		N 00°24'35.40" W		
TANGENTIAL LENGTH:		519.26'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES (SHEET 10 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R024

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

C/L S.W. SERV. RD.

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	9712	54+39.73 C/L S.W. SERV. RD.=	140,458.9682	2,150,690.7987
P.O.T. STA.		54+41.03 C/L I-35, 156.09' RT.		
P.C. STA.	18339	59+68.56	140,986.9378	2,150,721.0382
TANGENTIAL DIRECTION:		N 03°16'40.93" E		
TANGENTIAL LENGTH:		528.83'		
CURVE SW-1		FULL SUPER = 2.70%		
P.C. STA.	18339	59+68.56	140,986.9378	2,150,721.0382
P.I. STA.	9918	60+63.09	141,081.3058	2,150,726.4431
C.C. STA.	18336		141,150.7502	2,147,860.9365
P.T. STA.	18338	61+57.54	141,175.8249	2,150,725.6158
RADIUS:		2,864.79'		
DELTA:		03°46'46.33" LT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		188.98'		
TANGENT:		94.52'		
CHORD:		188.94'		
MIDDLE ORDINATE:		1.56'		
EXTERNAL:		1.56'		
TANGENT DIRECTION:		N 03°16'40.93" E		
RADIAL DIRECTION:		S 86°43'19.07" E		
CHORD DIRECTION:		N 01°23'17.77" E		
RADIAL DIRECTION:		N 89°29'54.60" E		
TANGENT DIRECTION:		N 00°30'05.40" W		
P.T. STA.	18338	61+57.54	141,175.8249	2,150,725.6158
P.I. STA.	8744	63+83.28	141,401.5586	2,150,723.6399
TANGENTIAL DIRECTION:		N 00°30'05.40" W		
TANGENTIAL LENGTH:		225.74'		
P.I. STA.	8744	63+83.28	141,401.5586	2,150,723.6399
P.C. STA.	18745	66+92.82	141,710.9637	2,150,714.7420
TANGENTIAL DIRECTION:		N 01°38'50.15" W		
TANGENTIAL LENGTH:		309.53'		
CURVE SW-2		FULL SUPER = 8.00%		
P.C. STA.	18745	66+92.82	141,710.9637	2,150,714.7420
P.I. STA.	9919	68+40.42	141,858.5099	2,150,710.4989
C.C. STA.	18799		141,697.2384	2,150,237.4745
P.T. STA.	18089	69+79.13	141,977.9191	2,150,623.7270
RADIUS:		477.46'		
DELTA:		34°21'27.96" LT.		
DEGREE OF CURVATURE (ARC):		12°00'00.00"		
LENGTH:		286.31'		
TANGENT:		147.61'		
CHORD:		282.04'		
MIDDLE ORDINATE:		21.30'		
EXTERNAL:		22.30'		
TANGENT DIRECTION:		N 01°38'50.15" W		
RADIAL DIRECTION:		N 88°21'09.85" E		
CHORD DIRECTION:		N 18°49'34.13" W		
RADIAL DIRECTION:		N 53°59'41.90" E		
TANGENT DIRECTION:		N 36°00'18.10" W		
P.T. STA.	18089	69+79.13	141,977.9191	2,150,623.7270
P.C. STA.	8697	76+14.77	142,492.1321	2,150,250.0605
TANGENTIAL DIRECTION:		N 36°00'18.10" W		
TANGENTIAL LENGTH:		635.64'		
CURVE SW-3		FULL SUPER = 7.00%		
P.C. STA.	8697	76+14.77	142,492.1321	2,150,250.0605
P.I. STA.	9920	79+10.37	142,731.2623	2,150,076.2901
C.C. STA.	8693		142,071.1111	2,149,670.6817
P.T. STA.	8689	81+75.47	142,778.2156	2,149,784.4430

C/L S.W. SERV. RD. (CONT'D.)

V= 40 M.P.H., e Max= 8.00%

	POINT	STATION	NORTHING	EASTING
RADIUS:		716.20'		
DELTA:		44°51'19.28" LT.		
DEGREE OF CURVATURE (ARC):		08°00'00.00"		
LENGTH:		560.69'		
TANGENT:		295.60'		
CHORD:		546.48'		
MIDDLE ORDINATE:		54.17'		
EXTERNAL:		58.6'		
TANGENT DIRECTION:		N 36°00'18.10" W		
RADIAL DIRECTION:		N 53°59'41.90" E		
CHORD DIRECTION:		N 58°25'57.74" W		
RADIAL DIRECTION:		N 09°08'22.62" E		
TANGENT DIRECTION:		N 80°51'37.38" W		
P.T. STA.	8689	81+75.47	142,778.2156	2,149,784.4430
P.C. STA.	8688	84+26.68	142,818.1188	2,149,536.4175
TANGENTIAL DIRECTION:		N 80°51'37.38" W		
TANGENTIAL LENGTH:		251.21'		
CURVE SW-4		FULL SUPER = 2.70%		
P.C. STA.	8688	84+26.68	142,818.1188	2,149,536.4175
P.I. STA.	9921	85+06.30	142,830.7654	2,149,457.8102
C.C. STA.	8687		139,989.7005	2,149,081.3722
P.T. STA.	8658	85+85.88	142,839.0265	2,149,378.6219
RADIUS:		2,864.79'		
DELTA:		03°11'02.05" LT.		
DEGREE OF CURVATURE (ARC):		02°00'00.00"		
LENGTH:		159.20'		
TANGENT:		79.62'		
CHORD:		159.17'		
MIDDLE ORDINATE:		1.11'		
EXTERNAL:		1.11'		
TANGENT DIRECTION:		N 80°51'37.38" W		
RADIAL DIRECTION:		N 09°08'22.62" E		
CHORD DIRECTION:		N 82°27'08.41" W		
RADIAL DIRECTION:		N 05°57'20.57" E		
TANGENT DIRECTION:		N 84°02'39.43" W		
P.T. STA.	8658	85+85.88	142,839.0265	2,149,378.6219
P.C. STA.	6698	95+82.78	142,942.4647	2,148,387.1017
TANGENTIAL DIRECTION:		N 84°02'39.43" W		
TANGENTIAL LENGTH:		996.90'		
CURVE SW-5		FULL SUPER = 3.70%		
P.C. STA.	6698	95+82.78	142,942.4647	2,148,387.1017
P.I. STA.	9024	97+21.32	142,956.8398	2,148,249.3069
C.C. STA.	6699		141,042.9141	2,148,188.9352
P.T. STA.	6700	98+59.38	142,951.1777	2,148,110.8801
RADIUS:		1,909.86'		
DELTA:		08°17'52.86" LT.		
DEGREE OF CURVATURE (ARC):		03°00'00.00"		
LENGTH:		276.60'		
TANGENT:		138.54'		
CHORD:		276.36'		
MIDDLE ORDINATE:		5.01'		
EXTERNAL:		5.02'		
TANGENT DIRECTION:		N 84°02'39.43" W		
RADIAL DIRECTION:		N 05°57'20.57" E		
CHORD DIRECTION:		N 88°11'35.86" W		
RADIAL DIRECTION:		N 02°20'32.30" W		
TANGENT DIRECTION:		S 87°39'27.70" W		
P.T. STA.	6700	98+59.38	142,951.1777	2,148,110.8801
P.O.E. STA.	6761	105+73.65 C/L S.W. SERV. RD.=	142,921.9857	2,147,397.2056
P.O.T. STA.		146+15.65 C/L S. SHIELDS BLVD.=		
P.O.T. STA.		393+87.93 C.R.L. I-240, 138.88' RT.		
TANGENTIAL DIRECTION:		S 87°39'27.70" W		
TANGENTIAL LENGTH:		714.27'		

C/L CROSSROADS MALL DR.

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	13205	30+00.00	143,795.7702	2,152,133.9465
P.O.T. STA.		31+66.03 C/L CROSSROADS MALL DR.=	143,820.4960	2,151,969.6620
P.O.E. STA.	13910	58+17.52 C/L ACCESS RD. "A"	143,821.4233	2,151,969.8495
P.C. STA.	13906	32+48.06	143,832.3536	2,151,888.5546
TANGENTIAL DIRECTION		N 82°20'32.56" W		
TANGENTIAL LENGTH		248.16'		
CURVE CMD-1				
P.C. STA.	13906	32+48.06	143,832.3536	2,151,888.5546
P.I. STA.	13917	35+08.88	143,867.1091	2,151,630.0573
C.C. STA.	13907		144,476.5569	2,151,975.1692
P.T. STA.	13911	37+44.14	144,070.9067	2,151,467.2835
RADIUS:		650.00'		
DELTA:		43°43'40.38" RT.		
DEGREE OF CURVATURE (ARC):		08°48'53.05"		
LENGTH:		496.08'		
TANGENT:		260.82'		
CHORD:		484.12"		
MIDDLE ORDINATE:		46.75'		
EXTERNAL:		50.38'		
TANGENT DIRECTION:		N 82°20'32.56" W		
RADIAL DIRECTION:		N 07°39'27.44" E		
CHORD DIRECTION:		N 60°28'42.37" W		
RADIAL DIRECTION:		N 51°23'07.82" E		
TANGENT DIRECTION:		N 38°36'52.18" W		
P.O.C. STA.		36+84.16 C/L CROSSROADS MALL DR.=		
P.O.B. STA.	13908	9+99.13 C/L ACCESS RD. "B"	144,025.8367	2,151,506.8196
P.T. STA.	13911	37+44.14 C/L CROSSROADS MALL DR.	144,070.9067	2,151,467.2835
P.O.E. STA.	13912	38+08.19	144,120.9594	2,151,427.3062
TANGENTIAL DIRECTION:		N 38°36'52.18" W		
TANGENTIAL LENGTH:		64.06'		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 11 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R025

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

C/L ACCESS RD. "A"

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	13217	52+09.13 C/L ACCESS RD. "A"=	143,218.9877	2,151,942.1291
P.O.T. STA.		76+18.47 C/L E.N.E. SERV. RD., 0.94' LT.		
P.C. STA.	13902	52+11.90	143,221.7076	2,151,941.5790
TANGENTIAL DIRECTION:		N 11°26'00.85" W		
TANGENTIAL LENGTH:		2.77'		
CURVE ARA-1				
P.C. STA.	13902	52+11.90	143,221.7076	2,151,941.5790
P.I. STA.	13916	54+46.48	143,451.6274	2,151,895.0788
C.C. STA.	13903		143,451.6563	2,153,078.5591
P.T. STA.	13904	56+74.81	143,681.5495	2,151,941.5678
RADIUS:		1160.00'		
DELTA:		22°51'51.64" RT.		
DEGREE OF CURVATURE (ARC):		04°56'21.45"		
LENGTH:		462.91'		
TANGENT:		234.57'		
CHORD:		459.84'		
MIDDLE ORDINATE:		23.01'		
EXTERNAL:		23.48'		
TANGENT DIRECTION:		N 11°26'00.85" W		
RADIAL DIRECTION:		N 78°33'59.15" E		
CHORD DIRECTION:		N 00°00'05.03" W		
RADIAL DIRECTION:		S 78°34'09.21" E		
TANGENT DIRECTION:		N 11°25'50.79" E		
P.T. STA.	13904	56+74.81	143,681.5495	2,151,941.5678
P.O.E. STA.	13910	58+17.52 C/L ACCESS RD. "A"=	143,821.4233	2,151,969.8495
P.O.T. STA.		31+66.03 C/L CROSSROADS MALL DR.		
TANGENTIAL DIRECTION:		N 11°25'50.79" E		
TANGENTIAL LENGTH:		142.70'		

C/L LT. SERV. RD. AT S.E. 59TH ST.

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6537	468+38.38 C/L LT. SERV. RD.=	147,688.3138	2,150,843.8834
P.O.C STA.		126+55.33 C/L I-35, 111.05' RT.		
P.C. STA.	6538	469+05.70	147,753.7085	2,150,859.8681
TANGENTIAL DIRECTION:		N 13°44'08.51" E		
TANGENTIAL LENGTH:		67.32'		
CURVE LSR-1				
P.C. STA.	6538	469+05.70	147,753.7085	2,150,859.8681
P.I. STA.	7403	469+76.46	147,822.4416	2,150,876.6688
C.C. STA.	6412		147,889.7540	2,150,303.2960
P.T. STA.	6539	470+46.50	147,893.1966	2,150,876.2437
RADIUS:		572.96'		
DELTA:		14°04'48.00" LT.		
DEGREE OF CURVATURE (ARC):		09°59'59.99"		
LENGTH:		140.80'		
TANGENT:		70.76'		
CHORD:		140.45'		
MIDDLE ORDINATE:		4.32'		
EXTERNAL:		4.35'		
TANGENT DIRECTION:		N 13°44'08.67" E		
RADIAL DIRECTION:		S 76°15'51.33" E		
CHORD DIRECTION:		N 06°41'44.75" E		
RADIAL DIRECTION:		N 89°39'20.67" E		
TANGENT DIRECTION:		N 00°20'39.33" W		
P.T. STA.	6539	470+46.50	147,893.1966	2,150,876.2437
P.O.E. STA.	6540	474+37.89 C/L LT. SERV. RD.=	148,284.5745	2,150,873.8921
P.O.T. STA.		97+44.86 C/L S.E. 59TH. ST.		
TANGENTIAL DIRECTION:		N 00°20'39.33" W		
TANGENTIAL LENGTH:		391.39'		

C/L SANTA FE AVE. (N.B. & S.B.)

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6661	95+96.72	142,544.2397	2,145,645.6763
P.I. STA.	3120	100+00.00	142,947.5057	2,145,642.3196
TANGENTIAL DIRECTION:		N 00°28'36.86" W		
TANGENTIAL LENGTH:		403.28'		
P.I. STA.	3120	100+00.00	142,947.5057	2,145,642.3196
P.I. STA.	6002	100+96.72 C/L SANTA FE AVE.=	143,044.2256	2,145,641.4636
P.O.T. STA.		376+33.43 C/L I-240=		
P.O.T. STA.		376+33.43 C.R.L. I-240		
TANGENTIAL DIRECTION:		N 00°30'25.42" W		
TANGENTIAL LENGTH:		96.72'		
P.I. STA.	6002	100+96.72	143,044.2256	2,145,641.4636
P.O.E. STA.	6402	105+96.72	143,544.2060	2,145,637.0388
TANGENTIAL DIRECTION:		N 00°30'25.39" W		
TANGENTIAL LENGTH:		500.00'		

C/L S. SHIELDS BLVD. (N.B. & S.B.)

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6419	142+61.38	142,585.3894	2,147,507.7199
P.O.T. STA.	6761	146+15.65 C/L S. SHIELDS BLVD.=	142,921.9857	2,147,397.2056
P.O.E. STA.		105+73.65 S.W. SERV. RD.		
P.O.T. STA.	6001	147+61.38 C/L S. SHIELDS BLVD.=	143,060.4395	2,147,351.7473
P.O.T. STA.		393+43.79 C/L I-240		
P.O.T. STA.		393+43.79 C.R.L. I-240		
P.O.T. STA.	6728	149+12.90 C/L S. SHIELDS BLVD.=	143,204.3943	2,147,304.4828
P.O.B. STA.		55+27.59 N.W. SERV. RD.		
P.O.E. STA.	6418	152+61.38	143,535.4895	2,147,195.7747
TANGENTIAL DIRECTION:		N 18°10'35.39" W		
TANGENTIAL LENGTH:		1000.00'		

C/L ACCESS RD. "B"

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	13908	9+99.13 C/L ACCESS RD. "B"	144,025.8367	2,151,506.8196
P.O.C. STA.		36+84.16 C/L CROSSROADS MALL DR.		
P.C. STA.	13909	10+74.06	143,981.8716	2,151,446.1508
TANGENTIAL DIRECTION:		S 54°04'12.46" W		
TANGENTIAL LENGTH:		74.92'		
CURVE ARB-1				
P.C. STA.	13909	10+74.06	143,981.8716	2,151,446.1508
P.I. STA.	13918	11+53.11	143,935.4840	2,151,382.1391
C.C. STA.	13913		144,206.1684	2,151,283.6087
P.T. STA.	13914	12+28.07	143,929.8682	2,151,303.2863
RADIUS:		277.00'		
DELTA:		31°51'22.51" RT.		
DEGREE OF CURVATURE (ARC):		20°41'03.83"		
LENGTH:		154.01'		
TANGENT:		79.05'		
CHORD:		152.03'		
MIDDLE ORDINATE:		10.63'		
EXTERNAL:		11.06'		
TANGENT DIRECTION:		S 54°04'12.46" W		
RADIAL DIRECTION:		N 35°55'47.54" W		
CHORD DIRECTION:		S 69°59'53.71" W		
RADIAL DIRECTION:		N 04°04'25.03" W		
TANGENT DIRECTION:		S 85°55'34.97" W		
P.T. STA.	13914	12+28.07	143,929.8682	2,151,303.2863
P.O.E. STA.	13915	14+16.83 C/L ACCESS RD. "B"=	143,916.4591	2,151,115.0039
P.O.T. STA.		87+ 60.55 C/L N.N.E. SERV. RD., 16.05' RT.		
TANGENTIAL DIRECTION:		S 85°55'34.97" W		
TANGENTIAL LENGTH:		188.76'		

C/L RT. SERV. RD. AT S.E. 59TH. ST.

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6544	123+64.74 C/L S.E. 59TH. ST.=	147,377.2992	2,151,009.1314
P.O.C. STA.		123+84.10 C/L I-35, 113.78' LT.		
P.C. STA.	6543	128+04.00	147,804.6215	2,151,110.8596
TANGENTIAL DIRECTION:		N 13°23'26.05" E		
TANGENTIAL LENGTH:		439.26'		
CURVE RSR-1				
P.C. STA.	6543	128+04.00	147,804.6215	2,151,110.8596
P.I. STA.	7404	130+02.51	147,997.8232	2,151,156.4507
C.C. STA.	6410		147,475.6452	2,152,504.9640
P.T. STA.	6542	131+98.51	148,171.3450	2,151,252.8640
RADIUS:		1,432.39'		
DELTA:		15°46'48.46" RT.		
DEGREE OF CURVATURE (ARC):		04°00'00.00"		
LENGTH:		394.50'		
TANGENT:		198.51'		
CHORD:		393.26'		
MIDDLE ORDINATE:		13.56'		
EXTERNAL:		13.69'		
TANGENT DIRECTION:		N 13°16'39.28" E		
RADIAL DIRECTION:		S 76°43'20.72" E		
CHORD DIRECTION:		N 21°10'03.48" E		
RADIAL DIRECTION:		S 60°56'32.26" E		
TANGENT DIRECTION:		N 29°03'27.74" E		
P.T. STA.	6542	131+98.51	148,171.3450	2,151,252.8640
P.O.E. STA.	6541	133+30.53 C/L RT. SERV. RD.=	148,286.6956	2,151,317.0767
P.O.T. STA.		101+88.05 C/L S.E. 59TH. ST.		
TANGENTIAL DIRECTION:		N 29°06'12.80" E		
TANGENTIAL LENGTH:		132.02'		

C/L S.E. 59TH ST. (E.B. & W.B.)

V= N.A., e Max= N.A.

	POINT	STATION	NORTHING	EASTING
P.O.B. STA.	6432	95+00.00	148,281.8565	2,150,629.0492
P.O.T. STA.	6540	97+44.86 C/L S.E. 59TH. ST.=	148,284.5745	2,150,873.8921
P.O.E. STA.		474+37.89 C/L LT. SERV. RD.		
P.I. STA.	3169	97+60.93	148,284.7529	2,150,889.9611
TANGENTIAL DIRECTION:		N 89°21'50.34" E		
TANGENTIAL LENGTH:		260.93'		
P.I. STA.	3169	97+60.93	148,284.7529	2,150,889.9611
P.I. STA.	1076	100+00.01 C/L S.E. 59TH. ST.=	148,285.8404	2,151,129.0452
P.O.E. STA.		133+02.75 C/L I-35		
TANGENTIAL DIRECTION:		N 89°44'21.83" E		
TANGENTIAL LENGTH:		239.09		
P.I. STA.	1076	100+00.01	148,285.8404	2,151,129.0452
P.O.T. STA.	6541	101+88.05 C/L S.E. 59TH. ST.=	148,286.6956	2,151,317.0767
P.O.E. STA.		133+30.53 C/L RT. SERV. RD.		
P.O.E. STA.	6433	105+00.01	148,288.1146	2,151,629.0400
TANGENTIAL DIRECTION:		N 89°44'21.80" E		
TANGENTIAL LENGTH:		500.00		

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 — OKLAHOMA COUNTY

GEOMETRIC COORDINATE POINT TABLES

(SHEET 12 OF 12)

STATE JOB NO. 09032(07) SHEET NO. R026

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SEC. 27, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SHIELDS BLVD.

S. BYERS

℄ N.W. SERV. RD.

℄ S.W. SERV. RD.

N89°27'24.62"E

S88°39'01.99"E

S87°39'27.70"W

N84°02'39.43"W

S84°02'39.43"E

N89°17'58.39"W

N00°21'42.21"W

N00°25'42.38"W

N-S 308.5

NW-1

RA-5

WB4

SW-5

BM#9

BM#10

BM#20

BM#21

R/W PURCHASED UNDER JP 09032(09)

P.J.Sta.400+00.00 ~ ℄ I-240 BK.=
P.C. STA. 399+96.14 ~ CRL I-240 AHD.
STATION EQUATION

P.J.Sta.393+43.79 ~ ℄ I-240=
P.O.T.Sta.147+61.38 ~ ℄ S.Shields Blvd.

P.O.T. STA. 397+24.67 ~ E.B. I-240
BEG. CONSTRUCTION, MEET AND MATCH
PREVIOUSLY CONSTRUCTED PAVEMENT
C.R.L. I-240

P.O.T. STA. 397+24.67
E.B. I-240 35.00' RT.

TOC/TOS

E-W 112 ℄
N89°27'41.44E

ACCESS EASEMENT

PRESENT R/W

SOONER UTILITIES

GAS LINE-JGVE

OKLA. GAS & ELEC.

SCALE 50' 0 50' 100'

SEC. 34, T-11-N, R-3-W

SP. DITCH
SP. DITCH PAVED

XXX STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

BM 20 ~ "X" ON CONC.BASE OF LIGHT POLE NORTH OF ENTERPRISE RENTAL
STA.395+58.73 ℄ I-240, 155.12' RT.
ELEV.= 1280.90

BM 9 ~ "X" ON CURB @ INLET SOUTH PARKING LOT OF HOME DEPOT
STA.399+94.10 ℄ I-240, 175.60' LT.
ELEV.= 1270.91

BM 21 ~ "X" ON CURB @ PJ. OF WEST ENTRANCE TO CAR DEALERSHIP
STA.402+17.71 ℄ I-240, 157.12' RT.
ELEV.= 1276.79

300.00' V.C.
K= 351.75

281.54' V.C.
K= 183.64

600.00' V.C.
K= 419.08

LOW POINT STA. 391+09.30
C.R.L. I-240
ELEV.= 1258.15

P.V.I. STA. 391+00.00 ~
C.R.L. I-240
ELEV.= 1257.83

P.V.T. STA. 392+50.00
C.R.L. I-240
ELEV.= 1258.43

P.V.C. STA. 397+18.46
C.R.L. I-240
ELEV.= 1260.31

P.V.T. STA. 399+96.14
C.R.L. I-240
ELEV.= 1263.59

P.V.I. STA. 398+59.23 ~
C.R.L. I-240
ELEV.= 1260.87

P.V.C. STA. 402+00.00
C.R.L. I-240
ELEV.= 1267.53

P.V.I. STA. 405+00.00 ~
C.R.L. I-240
ELEV.= 1273.33

PROFILE GRADE LINE
C.R.L. I-240

EXIST. GROUND @ C.R.L. I-240

-0.45% 0.40% 0.40% 1.93% 1.93%

PJ.Sta.400+00.00 ~ ℄ I-240 BK.=
P.V.T. STA. 399+96.14 AHD. STATION EQUATION
C.R.L. I-240

PROFILE GRADE ELEVATIONS SHOWN ARE TOP OF FUTURE PERMEABLE FRICTION COURSE

VERT. SCALE: 1" = 5'

C.R.L. I-240

Ex.Pwr.Line "X"-Ing C.R.L.

Ex.C.J. Ex.T.G.= 1257.76 Ex.FL= 1255.65
Ex.C.J. Ex.T.G.= 1258.51 Ex.FL= 1255.87
Ex.C.J. Ex.T.G.= 1262.61 Ex.FL= 1259.79
Ex.J/B Ex.T.C.= 1258.88 Ex.FL= 1256.00
Ex.C.J. Ex.T.G.= 1260.00 Ex.FL= 1256.44
Ex.C.J. Ex.T.G.= 1268.14 Ex.FL= 1265.93

Ex.18" R.C.P.
Ex.4' x 4' R.C.B.
Ex.4' Diam.M/H Ex.T.C.= 1268.81 Ex.FL= 1265.52
Ex.4' Diam.M/H Ex.T.C.= 1271.17 Ex.FL= 1267.27
22" x 13" R.C.P.A. @ 0.37%
Ex.Gas "X"-Ing C.R.L.
Ex.8" S.S."X"-Ing C.R.L.
Ex.Wtr."X"-Ing C.R.L.
Ex.S.M.D. Ex.T.G.= 1268.16 Ex.FL= 1265.51

1258.32 1258.15 1258.27 1258.63 1259.03 1259.43 1259.83 1260.23 1260.81 1261.93 1263.59 1263.66 1265.60 1267.53 1269.34 1270.92 1272.26

390+00 391 392 393 394 395+00 396 397 398 399 400+00 401 402 403 404 PHASE 3 405+00

STATE JOB NO. 09032(07) SHEET NO. R027

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 27, T-11-N, R-3-W

SEC. 34, T-11-N, R-3-W

R/W PURCHASED UNDER JP 09032(09)

PRESENT R/W

PLATTED 20' U/E

20' D/E

℄ N.W. SERV. RD.
N89°27'24.62"E

℄ RAMP "L"

℄ RAMP "A"
N84°02'39.43"W

℄ RAMP "G"
S84°02'39.43"E

℄ S.W. SERV. RD.
N84°02'39.43"W

℄ RAMP "A"

℄ RAMP "G"
S80°51'37.38"E

℄ S.W. SERV. RD.
N80°51'37.38"W

℄ I-240
N89°27'24.62"E

E-W 112 ℄
N89°27'29.39"E

P.O.T. STA. 413+80.99 ~ ℄ RAMP "L"=
P.O.C. STA. 104+52.54 ~ ℄ RAMP "A"

P.O.C. STA. 105+35.72 ~ ℄ RAMP "A"=
P.O.T. STA. 413+04.28 ~ ℄ I-240

P.O.T. STA. 108+88.66 ~ ℄ RAMP "A"=
P.O.T. STA. 409+52.59 ~ ℄ I-240

P.O.T. STA. 414+62.62 ~ ℄ RAMP "L"=
P.O.T. STA. 414+66.13 ~ ℄ I-240

P.C. STA. 416+97.59

P.J. Sta. 415+00.00 ~ ℄ I-240

STATION EQUATION
P.J. Sta. 415+08.92 ℄ I-240 BK.
P.J. Sta. 415+00.00 ℄ I-240 AHD.

P.T. STA. 406+46.03

TOC/TOS

C.R.L. I-240

RIP RAP

405+00

420+00

410

415

RA-1 RA-4 RA-5 RG-1 RG-2 RL-1 RL-2 SW-3 SW-4 C-1 C-2

CD1 CD2 WB5 WB6 WB8 WB10 WB12 WB13 WB14 WB17 WB18 EB1 EB2 EB3

ASPHALT CONCRETE BUILDING

18" RCP 24" RCP 2-8'X4' RCB

6 WP 7 WP 8" SAN. SWR. 12" WAT. GAS LINE U/E OG&E ONE STORY

BM#22

BM#23

50' 0 50' 100'
SCALE

Preliminary Plans

SP. DITCH
SP. DITCH PAVED

BM 22 ~ "X" ON HEADWALL DRAINAGE STRUCTURE
STA. 408+36.59 ℄ I-240, 271.68' RT.
ELEV.= 1275.45

BM 23 ~ "X" ON CURB OF SIDEWALK ON NORTH SIDE BUILDING
STA. 413+98.14 ℄ I-240, 319.56' RT.
ELEV.= 1281.84

(XXX) STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

Ex. Pwr. Line "X"-ing C.R.L.

P.V.I. STA. 405+00.00 ~
C.R.L. I-240
ELEV.= 1273.33

EXIST. GROUND @ C.R.L. I-240

PROFILE GRADE LINE
C.R.L. I-240

0.50%

Ex. S.M.D.
Ex. T.G.= 1270.80
Ex. FL= 1266.74

Ex. C.I.
Ex. T.G.= 1269.20
Ex. FL= 1265.63

Ex. 24" R.C.P.

Ex. 2-8'X4' R.C.B.

18" R.C.P. @ 0.66%

Ex. 18" R.C.P.

Ex. FL In= 1264.07

18" R.C.P. @ 5.94%

Ex. FL Out= 1263.06

FL= 1264.27

FL= 1264.79

22" X 13" R.C.P.A. @ 0.37%

600.00' V.C.
K= 419.08

P.V.T. STA. 408+00.00 ~
C.R.L. I-240
ELEV.= 1274.83

Ex. C.I.
Ex. T.G.= 1269.47
Ex. FL= 1266.80

Ex. FL In= 1273.07

Ex. 18" R.C.P.

Ex. 4' Diam. M/H
Ex. T.C.= 1270.65
Ex. FL= 1268.49

Ex. Gas "X"-ing C.R.L.

18" R.C.P. @ 0.50%

P.V.C. STA. 416+00.00 ~
C.R.L. I-240
ELEV.= 1278.85

600.00' V.C.
K= 210.63

P.V.I. STA. 419+00.00 ~
C.R.L. I-240
ELEV.= 1280.35

3.35%

0.50%

18" R.C.P. @ 2.18%

Ex. C.I.
Ex. T.G.= 1273.27
Ex. FL= 1269.86

24" R.C.P. @ 2.27%

FL= 1267.09

Ex. 8'X4' R.C.B.
Ex. FL Out= 1264.45

Ex. 10" S.S. "X"-ing C.R.L.

Ex. FL In= 1265.02

Ex. 18" R.C.P.

PROFILE GRADE ELEVATIONS SHOWN ARE TOP OF FUTURE PERMEABLE FRICTION COURSE

VERT. SCALE: 1" = 5'

C.R.L. I-240

1272.26 1273.35 1274.21 1274.83 1275.34 1275.84 1276.34 1276.84 1277.34 1277.84 1278.34 1278.85 1279.58 1280.80 1282.49 1284.65

405+00 406 407 408 409 410+00 411 412 413 414 415+00 416 417 418 419 PHASE 3 420+00

1295 1290 1285 1280 1275 1270 1265 1260 1255 1250

STATE JOB NO. 09032(07) SHEET NO. R028

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SEC. 27, T–11–N, R–3–W

SEC. 26, T–11–N, R–3–W

SEC. 34, T–11–N, R–3–W

SEC. 35, T–11–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

P.C.Sta.420+07.57 ~ ℄ I-240

P.O.C. STA. 417+39.09 ~ ℄ RAMP "B"=
P.O.C. STA. 422+27.68 ~ ℄ I-240

P.O.C. STA. 73+10.14 ℄ RAMP "C"=
P.O.C. STA. 423+57.74 ℄ I-240

P.O.T. STA. 427+74.67 ~ ℄ RAMP "I"=
P.O.T. STA. 427+66.80 ~ ℄ I-240

P.O.T. STA. 84+42.65 ~ ℄ RAMP "C"=
P.O.T. STA. 427+54.38 ~ ℄ I-240

P.O.T. STA. 427+62.43 ~ ℄ RAMP "I"=
P.O.T. STA. 84+44.78 ~ ℄ RAMP "C"

P.T.Sta.425+09.66 ~ ℄ I-240

P.O.C. STA. 417+41.76 ~ ℄ RAMP "M"=
P.O.C. STA. 421+92.66 ~ ℄ I-240

P.O.C. STA. 422+18.37 ~ ℄ RAMP "L"=
P.O.C. STA. 418+46.11 ~ ℄ RAMP "M"

P.O.C. STA. 422+60.92 ~ ℄ RAMP "L"=
P.O.C. STA. 418+43.36 ~ ℄ RAMP "B"

P.O.C. STA. 422+85.90 ~ C.R.L. I-240=
P.O.C. STA. 419+28.51 ~ ℄ RAMP "B"

S80°30'05.40"E

E-W 112 ℄ N89°27'29.39"E

P.O.T. STA. 427+62.58 ~
C.R.L. I-240=
P.O.T. STA. 85+49.78 ~
℄ RAMP "C"

℄ RAMP "L" N89°35'24.60"E

P.T. STA. 423+34.15

C.R.L. I-240 N89°35'24.60"E

N89°35'24.60"E

P.O.C. STA. 422+36.66 ~ C.R.L. I-240=
P.O.C. STA. 419+30.06 ~ ℄ RAMP "M"

P.O.C. STA. 423+21.33 ~ E.B. I-240
69.00' RT. BEG. SHLDR. TAPER

P.O.T. STA. 423+71.33 ~ E.B. I-240
71.00' RT. END SHLDR. TAPER

P.O.T. STA. 426+37.33 ~ E.B.
I-240 BEG. BRIDGE D EXCEPTION
69.00' RT. BEG. BARRIER WALL

IMPACT ATTENUATOR

BRIDGE "D"

P.O.T. STA. 424+01.33 ~ E.B. I-240

S21°21'15.40"E

PRESENT R/W

P.O.T. STA. 434+57.61 ~ ℄ RAMP "I"=
P.O.C. STA. 80+87.37 ~ ℄ RAMP "J"

P.O.T. STA. 434+15.00 ~ ℄ RAMP "I"=
P.O.C. STA. 80+86.20 ~ ℄ RAMP "A"

P.O.T. STA. 79+84.85 ~ ℄ RAMP "J"=
P.O.C. STA. 434+74.28 ~ ℄ I-240

P.O.T. STA. 434+74.79 ~ C.R.L. I-240=
P.O.T. STA. 79+80.92 ~ ℄ RAMP "J"

P.O.T. STA. 428+80.43 ~ ℄ RAMP "I"=
P.O.T. STA. 79+85.28 ~ ℄ RAMP "D"

P.C.Sta.431+28.35 ~ ℄ I-240

N89°35'24.60"E ℄ RAMP "I"

P.I. STA. 79+79.34 ~ ℄ RAMP "D"

E-W 112 ℄ N89°35'25.09"E

P.O.T. STA. 79+83.78 ~ ℄ RAMP "A"=
P.O.C. STA. 434+40.34 ~ ℄ I-240

P.O.T. STA. 79+86.74 ~ ℄ RAMP "D"=
P.O.T. STA. 428+74.19 ~ ℄ I-240

P.O.T. STA. 434+41.56 ~ C.R.L. I-240=
P.O.T. STA. 79+77.81 ~ ℄ RAMP "A"

P.O.T. STA. 428+80.68 ~ C.R.L. I-240=
P.O.T. STA. 79+80.28 ~ ℄ RAMP "D"

S80°30'05.26"E

N89°35'24.60"E

P.O.T. STA. 432+27.66 ~ E.B. I-240 59.00' RT.
P.O.C. STA. 66+15.36 ~ ℄ RAMP "D" 27.88' LT.

GORE PT.

P.O.T. STA. 430+05.83 ~ E.B.
I-240 END BRIDGE D EXCEPTION

P.O.T. STA. 431+11.04 ~
E.B. I-240 69.00' RT.

P.C. STA. 65+07.43 ~ ℄ RAMP "D"=
P.O.T. STA. 431+26.38 ~
℄ I-240, 103.62' LT.=
P.O.T. STA. 431+11.04 ~
C.R.L. I-240, 59.00' LT.

P.O.T. STA. 431+11.04 ~
E.B. I-240 47.00' RT.

P.O.T. STA. 431+69.67 ~
E.B. I-240 47.00' RT.

P.O.T. STA. 432+49.50 ~
E.B. I-240 68.69' RT.

P.O.T. STA. 432+49.50 ~
E.B. I-240 79.00' RT.

P.O.T. STA. 432+47.30 ~
E.B. I-240 82.34' RT.

P.O.T. STA. 432+27.66 ~
E.B. I-240 69.00' RT.

PLAIN RIPRAP

SCALE 50' 0 50' 100'

BM 25 ~ #6 REBAR EAST OF CREEK BEND
STA. 421+26.09 ℄ I-240, 620.62' RT.
ELEV.= 1278.24

BM 26 ~ #6 X 30" LG. REBAR
STA. 423+82.37 ℄ I-240, 774.34' RT.
ELEV.= 1283.54

SP. DITCH
SP. DITCH PAVED

(XXX•) STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

P.V.I. STA. 428+00.00 ~
C.R.L. I-240
ELEV.= 1310.50

600.00' V.C.
K= 210.63

400.00' V.C.
K= 146.05

-2.14

3.35%

PROFILE GRADE LINE
C.R.L. I-240

BRIDGE "D"

IDENTICAL POINT

P.V.R.C. STA. 422+00.00 ~
C.R.L. I-240
ELEV.= 1290.40

P.V.R.C. STA. 434+00.00 ~
C.R.L. I-240
ELEV.= 1297.67

18" R.C.P. @ 3.11%

18" R.C.P. @ 2.83%

HIGH POINT STA. 429+32.41 ~
C.R.L. I-240
ELEV.= 1302.67

EXIST. GROUND @ C.R.L. I-240

Ex. CJ.
Ex. T.G.= 1271.41
Ex. FL= 1268.12

Ex. 18" R.C.P.

Ex. FL Out= 1266.24

Ex. 4' Diam. M/H
Ex. I.C.= 1271.83
Ex. FL= 1272.38

Ex. CJ.
Ex. I.C.= 1277.34
Ex. FL= 1272.47

1200.00' V.C.
K= 218.63

℄ RAMP "D"

Ex. CJ.
Ex. T.G.= 1276.65
Ex. FL= 1272.65

Ex. CJ.
Ex. T.G.= 1276.65
Ex. FL= 1272.65

Ex. 18" R.C.P.

Ex. 18" R.C.P.

PROFILE GRADE ELEVATIONS SHOWN ARE TOP OF FUTURE PERMEABLE FRICTION COURSE

SP. DITCH RT.

VERT. SCALE: 1" = 5'

C.R.L. I-240

1284.65 1287.29 1290.40 1293.52 1296.19 1298.39 1300.14 1301.43 1302.27 1302.64 1302.56 1302.03 1301.03 1299.58 1297.67 1295.87

420+00 421 422 423 424 425+00 426 427 428 429 430+00 431 432 433 434 PHASE 3 435+00

STATE JOB NO. 09032(07) SHEET NO. R029

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 26, T-11-N, R-3-W

SEC. 35, T-11-N, R-3-W

435+00

450+00

SCALE 50' 0 50' 100'

ASPHALT

CONCRETE

SOONER UTILITIES

PRESENT R/W

R/W PURCHASED UNDER JP 09032(05)

U/E PURCHASED UNDER JP 09032(05)

PSE PURCHASED UNDER JP09032(05)

RH-1

RH-2

ENE-4

SE-2

SE-3

RB-4

RETAINING WALL "2"

EB6

BM#54

N11°56'22.62"W

S76°38'59.89"W

℄ E.N.E. SERV. RD.
N89°35'24.60"E

℄ RAMP "I"
N89°35'24.60"E

P.T. STA. 436+23.77 ~ ℄ I-240

℄ I-240
N89°35'24.60"E

P.O.T. STA. 442+67.82 ~
E.B. I-240 57.00' RT.

P.I. STA. 441+00.00 ~ ℄ I-240

GORE PT.

P.O.T. STA. 442+67.82 ~ E.B. I-240 47.00' RT.
P.O.C. STA. 442+72.15 ~ ℄ RAMP "E" 33.90' LT.

P.O.T. STA. 444+07.38 ~
E.B. I-240 47.00' RT.

E-W 112 ℄
N89°35'25.09"E

℄ RAMP "H"
S86°37'49.10"E

P.I. Sta. 445+14.61 ~ ℄ I-240

S89°35'24.60"E

C.R.L. I-240

TOC/TOS

P.O.T. STA. 440+67.33 ~
E.B. I-240 47.00' RT.

N89°35'24.60"E

P.O.T. STA. 441+90.95 ~ E.B. I-240 62.00' RT.
P.O.C. STA. 441+96.47 ~ ℄ RAMP "E" 33.00' LT.

NOSE 5'R

N89°35'24.60"E

℄ RAMP "B"

N38°01'09.18"E

N56°03'00.54"E

P.O.T. STA. 441+42.98 ~
E.B. I-240 57.00' RT.

P.O.T. STA. 441+92.04 ~
E.B. I-240 66.88' RT.

P.O.T. STA. 441+92.92
E.B. I-240 70.78' RT.

N89°35'24.60"E
℄ S.E. SERV. RD.

N89°35'24.60"E

S60°24'35.40"E

P.O.E. STA. 438+39.71 ~ ℄ RAMP "B" BK=
P.C. STA. 438+48.38 ~ ℄ RAMP "B" AHD
SHIFT ℄ 24.00' RT.

P.T. STA. 79+77.39 ~ ℄ RAMP "E"=
P.C. STA. 438+48.38 ~ ℄ RAMP "B"

P.O.E. STA. 444+07.38 ~ ℄ RAMP "B"=
P.O.T. STA. 444+07.38 ~ C.R.L. I-240
71.00' LT.

BM 54 ~ "X" ON TOP OF CURB IN EAST PARKING LOT TEXAS ROADHOUSE
STA. 439+22.55 ℄ I-240, 209.30' RT.
ELEV.= 1300.07

BM 38 ~ "6 REBAR 6' WEST OF O G&E FENCE, 3RD LIGHT POLE FROM NORTH
STA. 437+77.03 ℄ I-240, 693.64' RT.
ELEV.= 1296.05

BM 52 ~ "X" ON TOP OF CURB SOUTH OF LIGHT POLE SOUTHEAST OF THEATRE
STA. 445+56.60 ℄ I-240, 308.74' RT.
ELEV.= 1308.81

SP. DITCH

SP. DITCH PAVED

P.V.I. STA. 443+00.00 ~
C.R.L. I-240
ELEV.= 1297.59

XXX STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

400.00' V.C.
K= 146.05

HIGH POINT STA. 439+81.82 ~
C.R.L. I-240
ELEV.= 1295.14

Ex.C.I. Ex.T.G.= 1293.85 Ex.FL= 1290.44

Ex.C.D.I. Ex.T.G.= 1293.01 Ex.FL= 1290.01

Ex.C.I. Ex.T.G.= 1294.84 Ex.FL= 1292.14

Ex.C.I. -2.14 Ex.T.G.= 1290.88 Ex.FL= 1287.39

Ex. 18" R.C.P.

0.60%

18" R.C.P. @ 1.02%

Ex.FL Out= 1287.26

FL= 1286.37

EB6

Ex.Wtr."X"-ing C.R.L.

SP. Ditch Rt.

P.V.I. STA. 436+00.00 ~
C.R.L. I-240
ELEV.= 1293.39

LOW POINT STA. 437+12.37 ~
C.R.L. I-240
ELEV.= 1294.33

P.V.R.C. STA. 438+00.00 ~
C.R.L. I-240
ELEV.= 1294.59

Ex.C.I. Ex.T.G.= 1297.19 Ex.FL= 1292.61

Ex.C.I. Ex.T.G.= 1301.48 Ex.FL= 1298.24

Ex.C.I. Ex.T.G.= 1293.44 Ex.FL= 1289.74

Ex.C.I. Ex.T.G.= 1298.35 Ex.FL= 1295.30

Ex. 18" R.C.P.

Ex.C.I. Ex.T.G.= 1293.50 Ex.FL= 1289.82

Ex.Gas "X"-ing C.R.L.

Ex. 4' Diam. M/H Ex.T.C.= 1292.86 Ex.FL= 1288.75

EXIST. GROUND @ C.R.L. I-240

Ex. 24" R.C.P.

1000.00' V.C.
K= 303.03

PROFILE GRADE LINE
C.R.L. I-240

-2.70%

Ex.C.I. Ex.T.G.= 1284.80 Ex.FL= 1282.38

Ex.C.I. Ex.T.G.= 1284.71 Ex.FL= 1282.07

P.V.T. STA. 448+00.00 ~
C.R.L. I-240
ELEV.= 1284.09

Ex. 4' Diam. M/H Ex.T.C.= 1284.15 Ex.FL= 1278.04

Ex. 30" R.C.P.

PROFILE GRADE ELEVATIONS SHOWN ARE TOP OF FUTURE PERMEABLE FRICTION COURSE

VERT. SCALE: 1" = 5'

C.R.L. I-240

1295.87 1294.76 1294.33 1294.59 1295.03 1295.13 1294.91 1294.35 1293.46 1292.25 1290.70 1288.83 1286.63 1284.09 1281.39 1278.69

1305 1300 1295 1290 1285 1280 1275 1270 1265 1260

435+00 436 437 438 439 440+00 441 442 443 444 445+00 446 447 448 449 PHASE 3 450+00

STATE JOB NO. 09032(07) SHEET NO. R030

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 26, T-11-N, R-3-W

ENE-3

℄ E.N.E. SERV. RD.
N73°35'38.51"W

PRESENT R/W

ENE-2

E-W 112 ℄
N89°35'25.09"E

E-W 112 ℄
N89°35'37.30"E

N-S 309.5 1/4 S
N00°19'36.81"W

N-S 309.5 1/4 S
N00°22'22.54"W

P.J.Sta.450+50.00 ~ ℄ I-240

P.J.Sta.452+00.00 ~ ℄ I-240

P.J.Sta.455+00.00 ~ ℄ I-240

℄ I-240
N89°35'24.60"E

S89°35'24.60"E. C.R.L. I-240

P.O.T. STA. 451+70.00 ~
E.B. I-240 END CONSTRUCTION
MEET AND MATCH PREVIOUSLY
CONSTRUCTED PAVEMENT

P.O.T. STA. 451+70.00 ~
E.B. I-240 47.00' RT.

POLE RD.

450+00

455

460

C.S.Sta.20562+83.38 ~ Ex.R.R.

S.T.Sta. 20564+23.38 ~ Ex.R.R.

PJ.Sta.460+00.00 ~ ℄ I-240

P.C. STA. 463+07.98
P.C.Sta.463+07.99 ~ ℄ I-240

N89°35'24.60"E

C-3

BNSF RAILWAY

C.R.L. R.R.

20565

R/W PURCHASED UNDER JP 0903210(5)

BM*50

BM*42

℄ E.N.E. SERV. RD.
S89°35'24.60"W

HEAVY TREES

GAS LINE JOVE

SOONER UTILITIES

LEVEL 3 COMMUNICATIONS

ONEOK COMMUNICATIONS

CONCRETE

ASPHALT

24" RCP

30" RCP

36" RCP

42" RCP

18" RCP

4 WIRE

O&GE

FO

TUG

SS

G

W

50' 0 50' 100'
SCALE

SEC. 35, T-11-N, R-3-W

SP. DITCH

SP. DITCH PAVED

BM 42 ~ "6 REBAR @ NORTHWEST FENCE CORNER OF BUDWEISER PROPERTY
STA.460+94.99 ℄ I-240, 196.39' RT.
ELEV.= 1270.98

(XXX) STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

700.00' V.C.
K= 202.67

P.V.C. STA. 454+10.00 ~
C.R.L. I-240
ELEV.= 1267.62

Ex.Pwr.Line "X"-ing C.R.L.

Ex.4' Diam.M/H
Ex.T.C.= 1275.75
Ex.FL= 1268.83
Ex.C.J.
Ex.T.G.= 1276.11
Ex.FL= 1273.44

-2.70%

Ex.C.J.
Ex.T.G.= 1270.07
Ex.FL= 1267.48

Ex.C.D.J.
Ex.T.G.= 1271.90
Ex.FL= 1268.50

Ex.30" R.C.P.

Ex.C.J.
Ex.T.G.= 1275.44
Ex.FL= 1272.41

Ex.18" R.C.P.

Ex.36" R.C.P.

Ex.C.J.
Ex.T.G.= 1267.11

Ex.4' Diam.M/H
Ex.T.C.= 1266.28
Ex.FL= 1259.04

Ex.C.J.
Ex.T.G.= 1267.23
Ex.FL= 1263.29

Ex.42" R.C.P.

PROFILE GRADE LINE
C.R.L. I-240

LOW POINT STA. 459+57.21 ~
C.R.L. I-240
ELEV.= 1260.23

Ex.4' X 4' R.C.B.
FL In= 1257.79
FL Out= 1254.22

0.75%

Ex.T.U.G. "X"-ing C.R.L.

Ex.5' X 5' R.C.B.

Ex.FL Out= 1252.56

P.V.I. STA. 457+60.00 ~
C.R.L. I-240
ELEV.= 1258.17

PROFILE GRADE ELEVATIONS SHOWN ARE TOP OF FUTURE PERMEABLE FRICTION COURSE

BM 50 ~ "□" ON TOP OF SANITARY SEWER MANHOLE
STA.464+13.38 ℄ I-240, 147.47' LT.
ELEV.= 1269.73

142.18' V.C.
K= 591.19

P.V.I. STA. 461+10.00 ~
C.R.L. I-240
ELEV.= 1260.81

P.V.C. STA. 464+91.41 ~
C.R.L. I-240
ELEV.= 1263.68

Ex.S.M.D.
Ex.T.G.= 1258.40
Ex.FL= 1255.35

Ex.Pwr.Line "X"-ing C.R.L.

Ex.C.J.
Ex.T.G.= 1260.28
Ex.FL= 1257.28

Ex.C.J.
Ex.T.G.= 1260.23
Ex.FL= 1256.39

Ex.C.J.
Ex.T.G.= 1261.44
Ex.FL= 1256.39

Ex.C.J.
Ex.T.G.= 1260.46
Ex.FL= 1255.21

Ex.S.M.D.
Ex.T.G.= 1259.19
Ex.FL= 1254.76

Ex.5' Diam.M/H
Ex.T.C.= 1261.30
Ex.FL= 1254.10

Ex.C.J.
Ex.T.G.= 1260.57
Ex.FL= 1254.29

0.75%

EXIST.GROUND @ C.R.L.I-240

VERT. SCALE: 1" = 5'

C.R.L. I-240

Ex.14" S.S. "X"-ing C.R.L.

1262.99

1262.24

1263.75

1278.69 1275.99 1273.29 1270.59 1267.89 1265.39 1263.38 1261.86 1260.84 1260.31 1260.28 1260.74 1261.49

1285 1280 1275 1270 1265 1260 1255 1250 1245 1240

450+00 451 452 453 454 455+00 456 457 458 459 460+00 461 462 463 464 PHASE 3 465+00

STATE JOB NO. 0903210(7) SHEET NO. R031

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Preliminary Plans

SEC. 34, T–11–N, R–3–W

SEC. 35, T–11–N, R–3–W

50' 0 50' 100'
SCALE

P.C. STA. 65+07.43 ~ ℄ RAMP "D"=
P.O.T. STA 431+11.04 ~ C.R.L. I-240
59.00' RT. BEG. CONSTRUCTION

78+00

P.O.C. STA. 65+07.43 ~ ℄ RAMP "D" 12.00' LT.

P.O.C. STA. 65+07.43 ~ ℄ RAMP "D"
10.00' RT. BEG. SHLDR TAPER

P.O.C. STA. 65+38.33 ~ ℄ RAMP "D"
8.00' RT. END SHLDR TAPER

P.O.C. STA. 65+62.10 ~ ℄ RAMP "D" 19.00' LT.

P.O.T. STA. 432+27.66 ~ E.B. I-240 59.00' RT.
P.O.C. STA. 66+15.36 ~ ℄ RAMP "D" 27.88' LT.

GORE PT.

P.O.C. STA. 66+41.50 ~ ℄ RAMP "D" 21.54' LT.
P.O.C. STA. 66+41.50 ~ ℄ RAMP "D" 17.54' LT.
P.O.C. STA. 66+79.54 ~ ℄ RAMP "D" 15.00' LT.

P.O.C. STA. 66+19.54 ~ ℄ RAMP "D" 19.00' LT.

N00°30'05.37"W

℄ RAMP "C" S00°30'05.37"E

P.T. STA. 75+90.91 ~ ℄ RAMP "D"

P.O.T. STA. 75+90.91 ~ ℄ RAMP "D" 10.00' RT.
END SHLDR TAPER

P.O.T. STA. 75+90.91 ~ ℄ RAMP "D" 12.00' LT.

P.O.C. STA. 75+54.88 ~ ℄ RAMP "D" 15.00' LT.

P.O.C. STA. 75+15.65 ~ ℄ RAMP "D" 15.00' LT.
P.O.T. STA. 75+12.16 ~ ℄ I-35 57.00' RT.

GORE PT.

P.O.C. STA. 75+18.55 ~ ℄ RAMP "D" 24.50' LT.

P.O.C. STA. 74+90.76 ~ ℄ RAMP "D" 36.91' LT.
P.O.C. STA. 75+82.81 ~ ℄ RAMP "D" 19.00' LT.

P.O.C. STA. 75+60.01 ~ ℄ RAMP "D" 8.00' RT.
BEG. SHLDR TAPER

N-S 309 ℄ N00°30'21.50"W

CHANNEL "D"

TEMP. CHANNEL
CONST. IN
PREVIOUS PHASE

PLAIN RIPRAP

℄ RAMP "RJ-1"

℄ RAMP "A"

℄ RAMP "B"

℄ RAMP "C"

℄ RAMP "M"

RM-2 RG-3 RB-3 RD-1 RA-3 RE-2 SE-2

℄ S.E. SERV. RD.-1

N56°03'00.54"E ℄ RAMP "B"

N25°49'40.95"E

P.O.C. STA. 432+59.34 ~ ℄ RAMP "B"=
P.O.C. STA. 74+54.86 ~ ℄ RAMP "A"

R/W PURCHASED UNDER OPR0032(05)

PRESENT R/W

RETAINING WALL "B"

D6 D7 CD4*

TOC/TOS

ASPHALT 18" RCP 60" RCP 10X3 RCB 4X3 RCB 28X18" CGM TALL GRASS RIP RAP

425 430 435

XXX* STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

SP. DITCH
SP. DITCH PAVED

BM 25 ~ #6 REBAR EAST OF
CREEK BEND
STA. 74+51.09 ℄ I-35, 706.28' LT.
ELEV.= 1278.24

BM 38 ~ #6 REBAR 6' WEST OF OG&E
FENCE, 3RD LIGHT POLE FROM NORTH
STA. 437+77.03 ℄ I-240, 693.64' RT.
ELEV.= 1296.05

600.00' V.C.
K= 129.37

V.P.O.B. STA. 65+07.43 ~
℄ RAMP "D"
ELEV.= 1300.64

P.V.I. STA. 66+41.04 ~
℄ RAMP "D"
ELEV.= 1297.37

-4.14%

V.C. STA. 68+55.02 ~
℄ RAMP "D"
ELEV.= 1288.51

VARIABLE GRADE
(SEE SPOT ELEVATIONS)

Ex.C.I.
Ex.T.G.= 1287.71
Ex.F.L.= 1284.03

Ex.18" R.C.P.

30" R.C.P. @ 0.47%

SP. DITCH LT.
FL= 1282.15

Ex.Wtr."X"-Ing ℄

Ex.F.L. Out= 1281.50
FL= 1281.16

PROFILE GRADE ELEVATIONS
SHOWN ARE TOP OF FUTURE
PERMEABLE FRICTION COURSE

PROFILE GRADE LINE ℄ RAMP "D"

EXIST. GROUND @ ℄ RAMP "D"

LOW POINT STA. 73+90.29 ~
℄ RAMP "D"
ELEV.= 1277.44

Ex.C.I.
Ex.T.G.= 1284.36
Ex.F.L.= 1281.81

Ex.C.I.
Ex.T.G.= 1280.40
Ex.F.L.= 1277.35

Ex.4' Diam. M/H
Ex.T.C.= 1280.88
Ex.F.L.= 1274.12

Ex.F.L. In= 1279.10

Ex. 4' X 3' R.C.B.

0.50%

Ex.F.L. Out= 1277.25

Ex.Wtr."X"-Ing ℄

Ex.F.L. Out= 1274.98

P.V.I. STA. 71+55.02 ~
℄ RAMP "D"
ELEV.= 1276.10

-4.14%

P.V.T. STA. 74+55.02 ~
℄ RAMP "B"
ELEV.= 1277.60

Ex. 30" R.C.P.

Ex.F.L. Out= 1272.47

Ex. 10' X 3' R.C.B.
Ex.F.L. In= 1272.10
Ex.F.L. Out= 1270.18

22" X 13" R.C.P.A. @ 0.40%
FL= 1272.34

VARIABLE GRADE
(SEE SPOT ELEVATIONS)

VERT. SCALE: 1" = 5'

RAMP "D"

1298.57 1294.93 1290.79 1286.73 1283.33 1280.70 1278.84 1277.75 1277.44 1277.82 1278.34 1278.00 1277.42

65+00 66 67 68 69 70+00 71 72 73 74 75+00 76 77 78

PHASE 3

STATE JOB NO. 09032(07) SHEET NO. R032

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	F.ISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

Preliminary Plans

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SEC. 34, T–11–N, R–3–W

SEC. 27, T–11–N, R–3–W

SEC. 35, T–11–N, R–3–W

SEC. 26, T–11–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	F/SCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

P.O.T. STA. 84+42.70 ~ ℄ RAMP "C"=
P.O.T. STA. 427+54.39 ~ ℄ I-240

P.O.T. STA. 427+74.34 ~ ℄ RAMP "I"=
P.O.T. STA. 427+66.47 ~ ℄ I-240

P.O.C. STA. 89+27.71 ~ ℄ RAMP "A"=
P.O.T. STA. 85+29.75 ~ ℄ I-35

P.O.T. STA. 84+44.78 ~ ℄ RAMP "C"=
P.O.T. STA. 427+62.43 ~ ℄ RAMP "I"

P.I. STA. 428+21.58 ~ C.R.L. I-240=
P.O.T. STA. 78+80.37 ~ ℄ I-35

P.I. STA. 84+30.91 ~ ℄ RAMP "D"

P.O.E. STA. 87+31.15 ~ ℄ RAMP "D"=
P.O.T. STA. 87+31.07 ~ ℄ I-35
47.00' LT. END CONSTRUCTION

P.I. Sta. 79+79.44 ~ ℄ I-35

P.I. Sta. 428+14.28 ~ ℄ I-240=
P.O.T. Sta. 79+77.15 ~ ℄ I-35

P.O.T. STA. 87+19.00 ~
℄ RAMP "D" 10.00' RT.

P.O.T. STA. 87+31.15 ~
℄ RAMP "D" 10.00' RT.

P.I. Sta. 429+12.77 ~
℄ I-240

P.O.T. STA. 85+14.69 ~ ℄ RAMP "D"=
P.O.C. STA. 88+70.07 ~ ℄ RAMP "A"

P.O.C. STA. 428+37.77 ~ ℄ RAMP "H"=
P.O.C. STA. 87+26.09 ~ ℄ RAMP "A"

P.O.T. STA. 79+85.28 ~ ℄ RAMP "D"=
P.O.T. STA. 428+80.43 ~ ℄ RAMP "I"

P.I. STA. 79+79.34 ~ ℄ RAMP "D"

P.O.T. STA. 79+66.74 ~ ℄ RAMP "D"=
P.O.T. STA. 428+74.19 ~ ℄ I-240

P.O.T. STA. 91+88.49 ~
℄ RAMP "J"

P.O.T. STA. 78+80.28 ~ ℄ RAMP "D"=
P.O.T. STA. 428+80.58 ~ C.R.L. I-240

℄ RAMP "C"
℄ RAMP "A"
℄ RAMP "H"
℄ RAMP "D"
℄ RAMP "J"
℄ I-35
℄ I-240
℄ RAMP 'H'

S00°20'39.33"E
N00°30'05.37"W
N00°20'39.33"W
N00°30'21.50"W
N00°20'38.20"W
N02°38'05.53"W
N00°10'52.85"E
N02°23'38.57"W
S86°26'56.73"W

D1 D2 D3 D4 D5 D6

TOC/TOS

N-S 309 ℄

C.R.L. I-240

RA-3

78+00

430

CONCRETE
ASPHALT
BUILDING
ODOT
SOONER UTILITIES
PRESENT R/W
R/W PURCHASED UNDER JP09032(05)
18" RCP
24" RCP
2 WP
OG&E
BM"58
PUG
FO

50' 0 50' 100'
SCALE

SP. DITCH
SP. DITCH PAVED

BM 57 ~ "□" ON TOP OF HEADWALL
STA.84+07.16 ℄ I-35, 388.59' RT.
ELEV.= 1286.09

(XXX') STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

BM 58 ~ "X" ON TOP OF CURB IN
NORTHWEST PARKING LOT OF BEST BUY
STA.88+25.03 ℄ I-35, 171.55' RT.
ELEV.= 1289.46

VARIABLE GRADE
(SEE SPOT ELEVATIONS)

P.V.I. STA. 81+00.00 ~
℄ RAMP "D"
ELEV.= 1277.79

V.P.O.E. STA. 87+31.15 ~
℄ RAMP "D"
ELEV.= 1282.77

EXISTING GROUND ℄ RAMP "D"

PROFILE GRADE LINE
℄ RAMP "D"

0.79%

Ex.4' Diam.M/H
Ex.T.C.= 1278.10
Ex.F.L.= 1273.03

Ex.4' Diam.M/H
Ex.T.C.= 1280.80
Ex.F.L.= 1275.73

Ex.F/O "X"-Ing ℄

Ex.2-6' X 3' R.C.B.

18" R.C.P. @ 0.33%

28" X 18" R.C.P.A. @ 0.80%

18" R.C.P. @ 0.73%

18" R.C.P. @ 0.73%

28" X 18" R.C.P.A. @ 1.40%

Ex. 18" R.C.P.

FL= 1272.57

FL= 1272.57

Ex.FL In= 1272.16
Ex.FL Out= 1271.55

1277.42 1277.00 1277.13 1277.79 1278.58 1279.37 1280.16 1280.95 1281.74 1282.52

1300 1295 1290 1285 1280 1275 1270 1265 1260 1255

78 79 80+00 81 82 83 84 85+00 86 87 88 89 90+00

91 92 PHASE 3 93

VERT. SCALE: 1" = 5'

RAMP "D"

STATE JOB NO. 09032(07) SHEET NO. R033

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Preliminary Plans

SEC. 34, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

CURVE DATA
CHANNEL "D"
C-6
P.I. STA. 22+04.68
N: 142622.7266
E: 2151047.7393
Δ= 36°11'53.79" RT.
T= 32.68'
L= 63.18'
R= 100.00'

P.O.T. STA. 20+98.83 ~ CHANNEL "D"
P.C. STA. 21+72.00 ~ CHANNEL "D"
P.T. STA. 22+35.18 ~ CHANNEL "D"

N89°32'26.08"E
CHANNEL "D" C-6
S54°15'40.13"E
N00°30'05.37"W
S00°30'05.37"E
N00°30'21.50"W
N-S 309 ℄
℄ RAMP "C"
℄ RAMP "D"
℄ RAMP "A"
℄ RAMP "B"
℄ RAMP "M"
℄ RAMP "N"
℄ RAMP "S"
RIP RAP
RETAINING WALL "B"
10X3 RCB
TOC/TOS
PRESENT R/W
RB-3
RG-3
RM-2
RA-3
RD-1
RJ-1
RE-2
SE-2
℄ S.E. SERV. RD. 1
R/W PURCHASED UNDER JP0903205(05)
N56°03'00.54"E
N25°49'40.95"E
CD4*
D6
D7
425
430
435
75
20
25
70

SEC. 35, T-11-N, R-3-W

BM 25 ~ "6 REBAR EAST OF CREEK BEND
STA.74+51.09 ℄ I-35, 706.28' LT.
ELEV.= 1278.24

(XXX*) STRUCTURE CONSTRUCTED ON PREVIOUS PHASE

BM 38 ~ "6 REBAR 6' WEST OF OG&E FENCE, 3RD LIGHT POLE FROM NORTH
STA.437+77.03 ℄ I-240, 693.64' RT.
ELEV.= 1296.05

P.V.I. STA. 20+98.83 ~ CHANNEL "D"
ELEV.= 1272.04

P.V.I. STA. 24+61.73 ~ CHANNEL "D"
ELEV.= 1275.65

EXIST.GROUND ℄ CHANNEL "D"
Ex. 10' X 3' R.C.B.
Ex.FL Out= 1270.21
Ex.FL In= 1271.96
0.99%
℄ OF CHANNEL "D"

VERT. SCALE: 1" = 5'

CHANNEL "D"

1295 1290 1285 1280 1275 1270 1265 1260 1255

15+00 16 17 18 19 20+00 21 22 23 24 25+00 26 27 28 29 PHASE 3 30+00

STATE JOB NO. 09032(07) SHEET NO. R034

Preliminary Plans

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

PRESENT R/W

S. Shields Blvd. ℄

150

15' OKC U/E

1/4 ℄

N-S 309.5
N00°21'42.21"W

R/W PURCHASED UNDER JP 0903(09)

1 2 3 4

390 390

395 395

400 400

405+00

C.R.L. I-240

TOC/TOS

E-W 112 ℄
N89°27'41.44E

WB4

ISF 2

105

145

ACCESS ESMT.

100

95

N-S 308.5 1/4 ℄
N00°25'42.38"W

50' 0 50' 100'
SCALE

LEGEND

TEMP. SILT FENCE	XXXXXXXX
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET (C.R.L. I-240) (SHEET 1 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R035

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

PLATTED 15' U/E

13 U/E PURCHASED UNDER JP 09032(09)

PLATTED

PLATTED 15' U/E

PLATTED 20' U/E

20' D/E

R/W PURCHASED UNDER JP 09032(09)

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

405+00

410

415

420+00

℄ I-240

C.R.L. I-240

TOC/TOS

E-W 112 ℄

N89°27'29.39"E

ISF 2

WB5 WB6 WB8 WB10 WB12 WB13 WB14 WB17 WB18

EB1 EB2 EB3

CD2

U/E O&E 10'

25' RD. EASEMENT

50' 0 50' 100'

SCALE

LEGEND

TEMP. SILT FENCE	XXXXXXXX
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET
(C.R.L. I-240)
(SHEET 2 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R036

Preliminary Plans

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

420+00

435+00

425

430

80

75

℄ I-240

E-W 112 ℄ N89°27'29.39"E

E-W 112 ℄ N89°35'25.09"E

C.R.L. I-240

℄ I-35

N-S 309 ℄ N00°30'21.50"W

N-S 309 ℄ N00°20'36.20"W

TOC/TOS

WB17

WB18

WB19

WB22

EB4

EB5

ISF 2

RFD #2

PRESENT R/W

℄ RAMP "J"

LEGEND

TEMP. SILT FENCE	XXXXXXXX
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

50' 0 50' 100'

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET (C.R.L. I-240) (SHEET 3 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R037

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS DESCRIPTION	DATE

Preliminary Plans

R/W PURCHASED UNDER JP09032(05)

R/W PURCHASED UNDER JP09032(05)

U/E PURCHASED UNDER JP 09032(05)

PRESENT R/W

U/E PURCHASED UNDER JP 09032(05)

PSE PURCHASED UNDER JP09032(05)

U/E PURCHASED UNDER JP 09032(05)

PSE PURCHASED UNDER JP09032(05)

PRESENT R/W

R/W PURCHASED UNDER JP 09032(05)

PRESENT R/W

PRESENT R/W

E-W 112 $
N89°35'25.09"E

435+00

440

440

445

445

450+00

2 ISF EB6

TOC/TOS

℄ I-240

C.R.L. I-240

TOC/TOS

044

TOC/TOS

4 ISF

4 ISF

PRESENT R/W

PRESENT R/W

R/W PURCHASED UNDER JP09032(05)

LEGEND

TEMP. SILT FENCE	xxxxxxxx
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

50' 0 50' 100'
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET
(C.R.L. I-240)
(SHEET 4 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R038

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

20

15

10

450+00

455

455

460

460

BRIDGE 'G'

BRIDGE 'H'

℄ I-240

C.R.L. I-240

PRESENT R/W

PRESENT R/W

PRESENT R/W

PRESENT R/W

R/W PURCHASED UNDER JP 09032105(

PRESENT R/W

R/W PURCHASED UNDER JP 09032105(

PRESENT R/W

ISF 2

ISF 4

ISF 4

ISF 4

LEGEND

TEMP. SILT FENCE	XXXXXXXX
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

50′ 0 50′ 100′

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET

(C.R.L. I-240)

(SHEET 5 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R039

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

80+00

2 ℄ N89°27'29.39"E

E-W 112 ℄ N89°35'25.09"E

℄ I-240

C.R.L. I-240

425

430

435

TOC/TOS

4 ISF

D5

D6

D7

N-S 309 ℄ N00°30'21.50"W

℄ I-35

RFD #2

75

℄ RAMP "D"

PRESENT R/W

R/W PURCHASED UNDER J-09-032(05)

50' 0 50' 100'

SCALE

LEGEND

TEMP. SILT FENCE

TEMP. SILT DIKE

TEMP. INLET SEDIMENT FILTER (ISF X)

TEMP. ROCK FILTER DAM (RFD #2)

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET
(RAMP "D")
(SHEET 6 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R040

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

℄ I-240

425

℄ PLATTED 10' U/E

PRESENT R/W

℄ I-35

85

90

80+00

℄ RAMP "D"

ISF 4

D1 D2 D3 D4

TOC/TOS

TOC/TOS

N-S 309 ℄
N00°20'38.20"W

RFD #2

R/W PURCHASED UNDER JP0903210(5)

10' ONG U/E ALONG R/W

U/E PURCHASED UNDER JP0903210(5)

10' ODO

15' OKC.W/L U/E

50' 0 50' 100'
SCALE

LEGEND

TEMP. SILT FENCE	XXXXXXXX
TEMP. SILT DIKE	
TEMP. INLET SEDIMENT FILTER	ISF X
TEMP. ROCK FILTER DAM	RFD #2

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

EROSION CONTROL SHEET (RAMP "D") (SHEET 7 OF 7)

STATE JOB NO. 09032(07) SHEET NO. R041

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE

RAMP "D" 79+00

℄ I-240

CRL I-240

80

℄ RAMP "J"

14' 8'

NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING, UNLESS OTHERWISE NOTED
SEE ODOT STD. LECS-5 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-6, CSCD-6, LTU-5, CRCP1-4, PCPR-4 (LATEST REVISIONS)

ADJUST CONTRACTION JOINTS TO MATCH EXISTING CONTRACTION JOINTS

TIE LONGITUDINAL JOINT

6' 15'

16'

14' 8'

2'MIN

6'

2'MIN

9'

RAMP "C"

75

75

9' 5@12'6" 9'

12.3'

EXPANSION JOINT

70 75

430

℄ RAMP "D"

℄ RAMP "B"

RAMP "B" 435+00

℄ RAMP "E"

EXIT

N

30' 0 30' 60'

SCALE

Preliminary Plans

LEGEND

LONGITUDINAL JOINT - - - - - -

CONTRACTION JOINT .....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

JOINT LAYOUT (SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R042

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

ADJUST CONTRACTION JOINTS TO
MATCH EXISTING CONTRACTION JOINTS

℄ I-35

TIE LONGITUDINAL JOINT

RAMP "D" 79+00

℄ RAMP "D"

℄ I-240

℄ RAMP "A"

℄ RAMP "J"

12.1'

2'MIN

8'-14"

80

85

90

430

NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING, UNLESS OTHERWISE NOTED
SEE ODOT STD. LECS-5 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-6, CSCD-6, LTU-5, CRCP1-4, PCPR-4 (LATEST REVISIONS)

LEGEND

LONGITUDINAL JOINT - - - - - - -

CONTRACTION JOINT .....

30' 0 30' 60'

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

JOINT LAYOUT (SHEET 2 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R043

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SEC. 27, T11N, R3W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

BM#8

BM#9

SAWCUT 1,396.88 L.F.
OF PAVEMENT

REMOVAL OF ASPH.
PAVEMENT= 7,291.88 S.Y.

400 400

405 405

410 410

REMOVE 775.33 L.F.
OF CONC. MED. BARRIER

℄ I-240

CRL I-240

P.I.Sta.400+00.00 ~ ℄ I-240 BK.
P.C. STA. 399+96.14 AHD.

STATION EQUATION

BM#21

SAWCUT 1,088.46 L.F.
OF PAVEMENT

BM#22

Preliminary Plans

N

50' 0 50' 100'
SCALE

SEC. 34, T11N, R3W

REMOVAL LEGEND

- PREVIOUS PHASE REMOVAL
- ASPHALT REMOVAL

REMOVAL TOTALS THIS SHEET

7291.88 S.Y. ASPHALT PAVEMENT
2485.34 L.F. SAWCUT
775.33 L.F. CONC. MED. BARRIER

NOTE:
INTEGRAL CONC. CURB INCLUDED IN S.Y. QUANTITY OF P.C. CONC. PAVEMENT

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

REMOVALS
PHASE 3 CONSTRUCTION
(SHEET 1 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R044

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SEC. 26, T11N, R3W

SAWCUT 116.93 L.F.
OF PAVEMENT

450

455

448+00
(SEE THIS SHEET)

℄ I-240

REMOVAL OF ASPH.
PAVEMENT= 1,726.12 S.Y.
PREVIOUS PHASE TEMP.
CONSTRUCTION

BM#54

REMOVE 310.36 L.F.
OF CONC. MED. BARRIER

SAWCUT 323.95 L.F.
OF PAVEMENT

435

440

445

REMOVAL OF CONC.
PAVEMENT= 6,251.42 S.Y.

REMOVAL OF ASPH.
PAVEMENT= 659.88 S.Y.
PREVIOUS PHASE TEMP.
CONSTRUCTION

REMOVE
18" RCP

433+00
(SEE SHEET 4 OF 4)

℄ I-240

448+00
(SEE THIS SHEET)

REMOVAL OF ASPH.
PAVEMENT= 2,710.92 S.Y.

REMOVAL OF CONC.DIVIDING
STRIP= 25.07 S.Y.

REMOVE EX.
GUARD RAIL

REMOVE 74.44 L.F.
OF CURB & GUTTER

REMOVE 380.85 L.F.
OF CURB & GUTTER

BM#39

50' 0 50' 100'
SCALE

SEC. 35, T11N, R3W

REMOVAL LEGEND

- PREVIOUS PHASE REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL

REMOVAL TOTALS THIS SHEET

6251.42	S.Y.	CONCRETE PAVEMENT
5096.92	S.Y.	ASPHALT PAVEMENT
25.07	S.Y.	CONC. DIVIDING STRIP
455.29	L.F.	CONC. CURB & GUTTER
440.88	L.F.	SAWCUT
310.36	L.F.	CONC. MED. BARRIER

NOTE:
INTEGRAL CONC. CURB INCLUDED IN S.Y.
QUANTITY OF P.C. CONC. PAVEMENT

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

REMOVALS
PHASE 3 CONSTRUCTION
(SHEET 2 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R045

Preliminary Plans

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SEC. 34, T11N, R3W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

BM#30

BM#28

BM#27

60

65

70

73+00

℄ I-35

REMOVAL OF CONC.
PAVEMENT= 74.58 S.Y.

SAWCUT 32.33 L.F.
OF PAVEMENT

REMOVAL OF ASPH.
PAVEMENT= 3,103.26 S.Y.

REMOVE 179.92 L.F.
OF CURB & GUTTER

BM#36

BM#35

50′ 0 50′ 100′
SCALE

SEC. 35, T11N, R3W

REMOVAL LEGEND

- PREVIOUS PHASE REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL

REMOVAL TOTALS THIS SHEET

74.58	S.Y. CONCRETE PAVEMENT
3103.26	S.Y. ASPHALT PAVEMENT
179.92	L.F. CONC. CURB & GUTTER
32.33	L.F. SAWCUT

NOTE:
INTEGRAL CONC. CURB INCLUDED IN S.Y. QUANTITY OF P.C. CONC. PAVEMENT

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

REMOVALS
PHASE 3 CONSTRUCTION
(SHEET 3 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R046

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SEC. 34, T11N, R3W

SEC. 27, T11N, R3W

SEC. 35, T11N, R3W

SEC. 26, T11N, R3W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

REMOVAL OF ASPH. PAVEMENT= 2,141.57 S.Y.

REMOVE 729.22 L.F. OF CURB & GUTTER

REMOVE 18" RCP

REMOVE INLETS

SAWCUT 214.86 L.F. OF PAVEMENT

REMOVE EX. GUARD RAIL

SAWCUT 1,706.74 L.F. OF PAVEMENT

CRL I-240

℄ I-240

425

425

75

80

85

73+00

REMOVAL OF CONC. PAVEMENT= 1,632.65 S.Y.

P.I. STA. 428+21.58

SAWCUT 2,536.97 L.F. OF PAVEMENT

℄ I-35

P.I. Sta. 428+142.[illegible] ~ ℄ I-240

REMOVE 418.38 L.F. OF CONC. MED. BARRIER

REMOVE 714.23 L.F. OF CONC. MED. BARRIER

REMOVE 18" RCP

REMOVE 4' DIA. MH

REMOVE CURB INLET

REMOVE INLET

REMOVE EX. GUARD RAIL

SAWCUT 27.66 L.F. OF PAVEMENT

430

430

BM#58

REMOVAL OF ASPH. PAVEMENT= 8,130.64 S.Y.

REMOVE 921.51 L.F. OF CURB & GUTTER

BM#57

SAWCUT 372.30 L.F. OF PAVEMENT

REMOVE 681.89 L.F. OF CURB & GUTTER

REMOVE 228.92 L.F. OF CONC. MED. BARRIER

433+00

(SEE SHEET 2 OF 4)

Preliminary Plans

REMOVAL LEGEND

- PREVIOUS PHASE REMOVAL
- ASPHALT REMOVAL
- CONCRETE REMOVAL

REMOVAL TOTALS THIS SHEET

1632.65 S.Y. CONCRETE PAVEMENT

11664.84 S.Y. ASPHALT PAVEMENT

2332.62 L.F. CONC. CURB & GUTTER

4858.53 L.F. SAWCUT

1361.53 L.F. CONC. MED. BARRIER

NOTE:
INTEGRAL CONC. CURB INCLUDED IN S.Y. QUANTITY OF P.C. CONC. PAVEMENT

50' 0 50' 100'

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3

OKLAHOMA COUNTY

REMOVALS
PHASE 3 CONSTRUCTION
(SHEET 4 OF 4)

STATE JOB NO. 09032(07) SHEET NO. R047

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Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

MEET & MATCH PAVEMENT

℄ RAMP "D"

℄ RAMP "B"

℄ I-240

CRL I-240

75

80

430

70

SCALE 30′ 0 30′ 60′

DENOTES EXISTING GRADE ELEVATION

DENOTES FINISH GRADE ELEVATION

DENOTES PROPOSED PAVING

NOTE: SPOT ELEVATION ARE TOP OF FINISH GRADE PAVEMENT & GUTTER LINE WHERE APPLICABLE EXISTING ELEVATION TO BE FIELD VERIFIED

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

SPOT ELEVATIONS
(RAMP D)
(SHEET 1 OF 1)

STATE JOB NO. 09032(07) SHEET NO. R048

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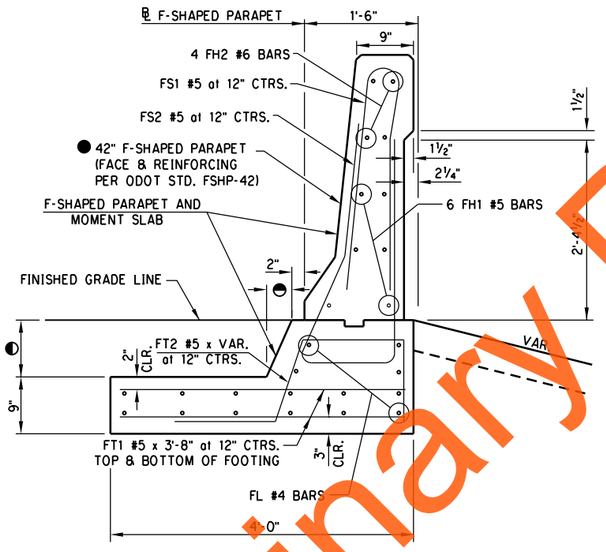
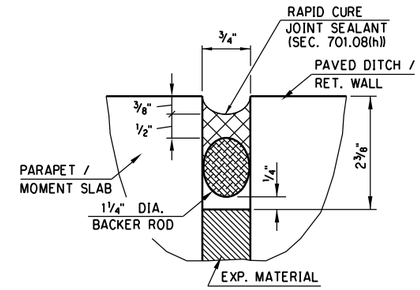
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

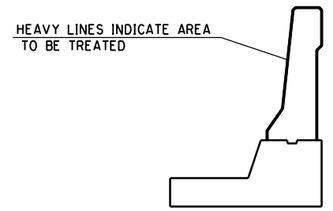
REVISIONS	
DESCRIPTION	DATE



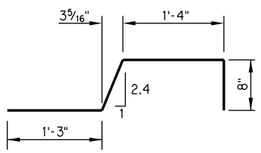
TYPICAL SECTION



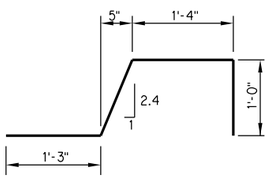
DETAIL OF RAPID CURE JOINT



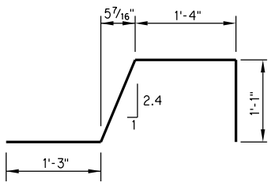
DETAIL OF PENETRATING WATER REPELLANT SURFACE TREATMENT



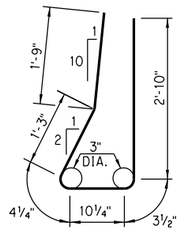
FT2 #5 x 4'-5"
5" PAVEMENT



FT2 #5 x 4'-8"
9" PAVEMENT



FT2 #5 x 4'-10"
10" PAVEMENT



FS2 #5 x 7'-4"

MOMENT SLAB EXTENTS:
EASTBOUND I-240 - STA. 424+01.33 TO STA. 426+37.33 RT.

● SEE ODOT STANDARD FSHP-42-2-00E FOR EXPANSION, CONSTRUCTION, AND CONTROL CRACK JOINT LOCATIONS.

MOMENT SLAB TO BE PAID FOR AS CLASS A CONCRETE AND EPOXY COATED REINFORCING STEEL. FS2 BARS SHALL BE INCLUDED IN EPOXY COATED REINFORCING STEEL QUANTITY.

VARIABLE TABLE

◐	5"	9"	10"
◓	2¼"	4"	4⁷⁄₁₆"

NOTE:
FS2 BARS INCLUDED IN EPOXY COATED REINFORCED STEEL

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

F-SHAPE PARAPET AND MOMENT SLAB DETAIL

STATE JOB NO. 09032(07) SHEET NO. R049

Preliminary Plans

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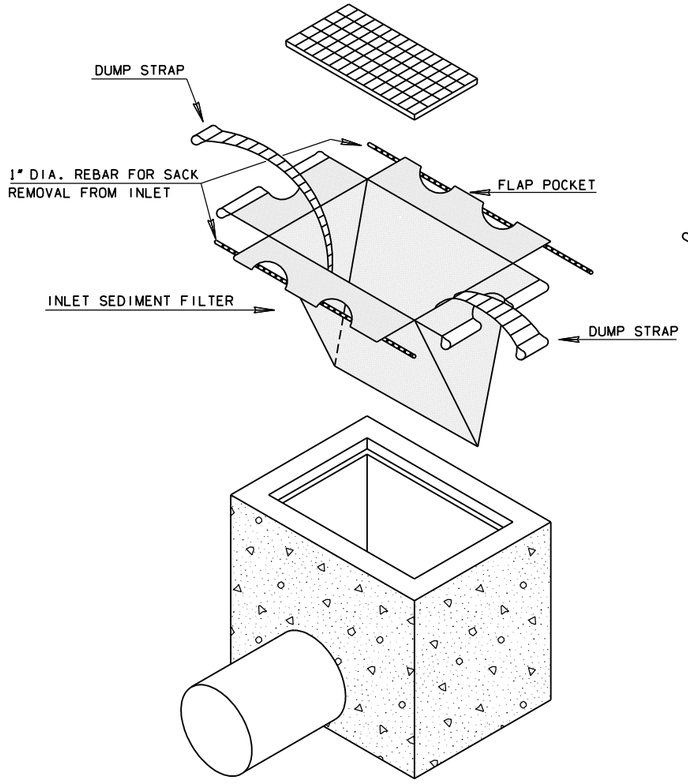
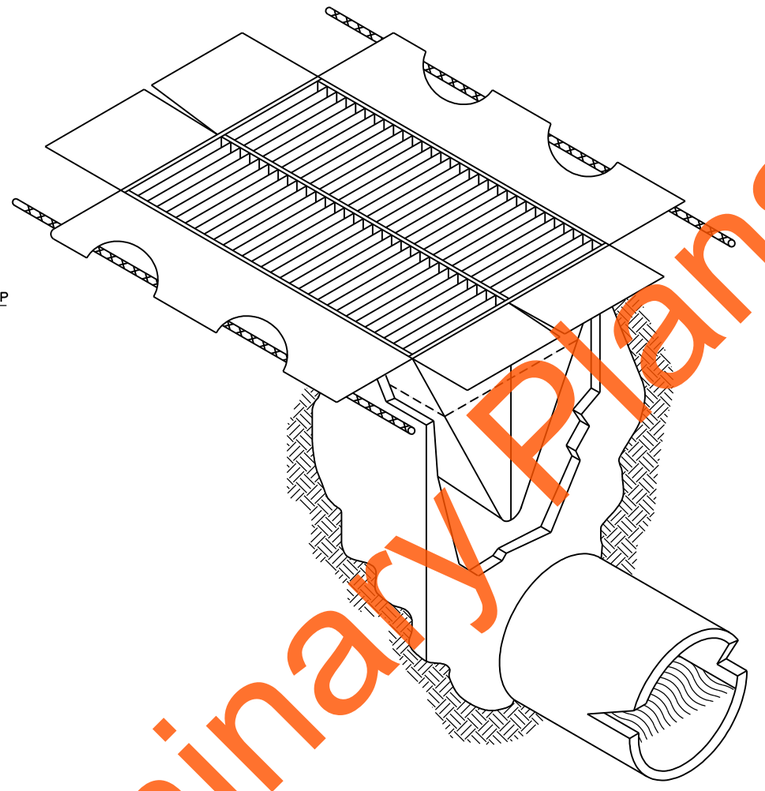
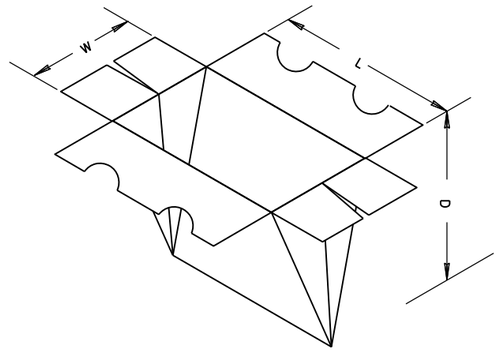
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



INSTALLATION DETAIL





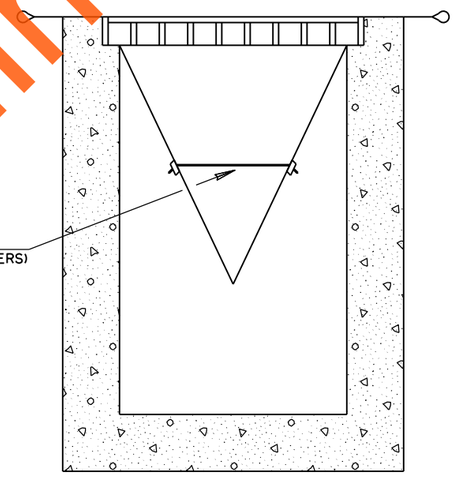
GENERAL NOTES

AN INLET SEDIMENT FILTER IS A WOVEN, POLYPROPLENE SACK PLACED INTO UNDERGROUND DRAINS DESIGNED TO TRAP SEDIMENT BEFORE IT ENTERS THE DRAINAGE SYSTEM. THE FILTER HAS FLAP POCKETS ALONG THE TOP EDGES AND DUMP STRAPS ATTACHED TO THE BOTTOM THAT REMAIN ABOVE THE GROUND AND ARE HELD IN PLACE BY THE GRATE. THE FILTER MUST NEVER BE ALLOWED TO BE OVER HALF FULL OF SEDIMENT OR THE DRAINAGE SYSTEM COULD BE POLLUTED, NOT FUNCTION AT ALL OR MAKE IT VERY DIFFICULT TO REMOVE. CONSEQUENTLY, REGULAR MAINTENANCE IS MANDATORY.

WHEN IT IS DETERMINED THAT THE FILTER NEEDS TO BE CLEANED, TWO PIECES OF 1" REBAR ARE INSERTED THROUGH THE FLAP POCKETS. THE GRATE IS REMOVED AND THE LIFTING BARS ARE ATTACHED TO AVAILABLE EQUIPMENT AND THE SEDIMENT FILTER IS REMOVED TO A DUMPING AREA. ONCE THE INLET SEDIMENT FILTER IS ON THE GROUND, REMOVE THE REMOVE THE LIFTING ARS FROM THE FLAT POCKETS AND INSET THE LIFTING BARS THROUGH THE DUMP STRAPS. LIFT THE FILTER OFF THE GROUND BY THE DUMP STRAPS AND THE FILTER WILL TURN INSIDE OUT AND BE EMPTIED. IT MAY THEN BE RINSED AND REUSED OR DISPOSED OF AND REPLACED WITH A NEW INLET SEDIMENT FILTER.

THE GEOTEXTILE FABRIC SHALL BE WOVEN WITH THE FOLLOWING PROPERTIES:

PROPERTY	TEST METHOD	TEST RESULT
GRAB TENSILE	ASTM D-4632	300 lb (Min.)
GRAB ELONGATION	ASTM D-4632	20% (Max.)
PUNCTURE	ASTM D-4833	120 lb (Min.)
MULLEN BURST	ASTM D-3786	800 psi (Min.)
TRAPEZOID TEAR	ASTM D-4533	120 lb (Min.)
UV RESISTANCE	ASTM D-4355	70% @ 150hrs. (Min.)
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE (Max.)
FLOW RATE	ASTM D-4491	40 Gal./min./sq.ft. (Max.)
PERMITTIVITY	ASTM D-4491	0.55 sec.$^{-1}$(Max.)



SIDE VIEW

Preliminary Plans

SYMBOLOGY

SYMBOL TO BE USED TO DENOTE DEVICE ON PLANS

ISF

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
221(H)	(PL) TEMPORARY INLET SEDIMENT FILTER	EACH

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TEMPORARY INLET SEDIMENT FILTER

STATE JOB NO. 09032(07) SHEET NO. R050

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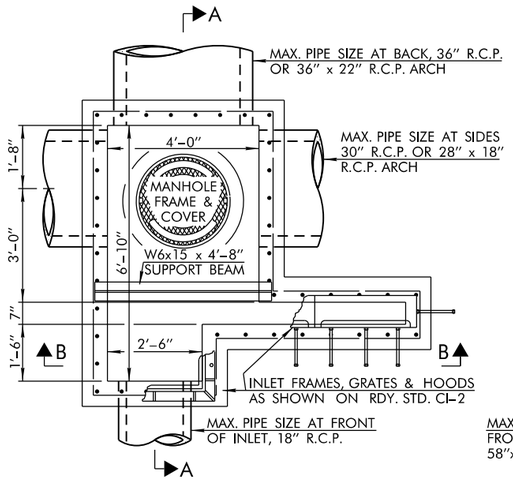
POE & ASSOCIATES, OKLAHOMA CITY, OK.

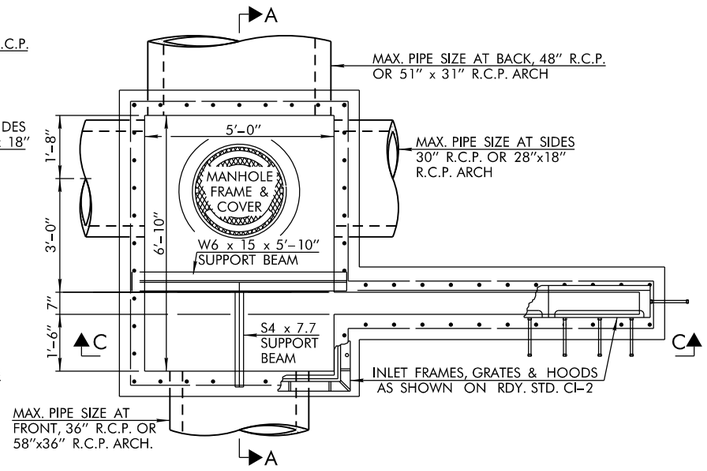
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

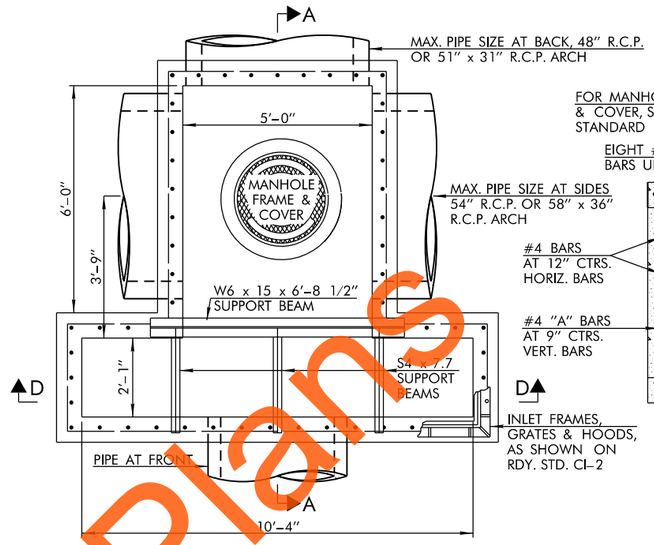
DESCRIPTION	DATE



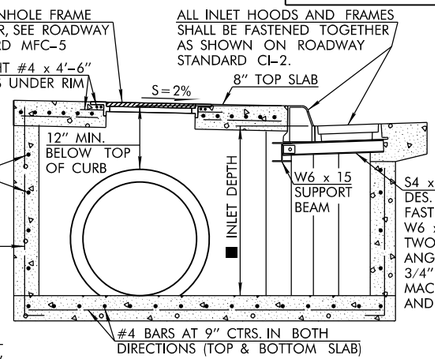
PLAN – DESIGN 1 W/SMALL JCT. BOX
(DESIGN 1B SHOWN)



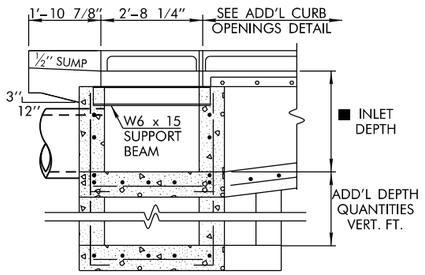
PLAN – DESIGN 2 W/SMALL JCT. BOX
(DESIGN 2C SHOWN)



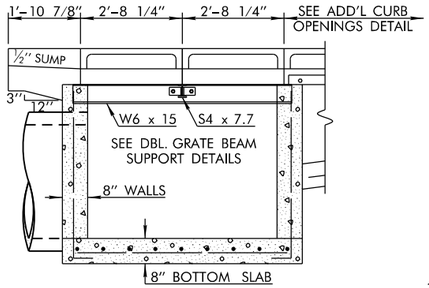
PLAN – DESIGN 3 W/LARGE JCT. BOX
(DESIGN 3 SHOWN)
(MULTIPLE DOUBLE GRATING)



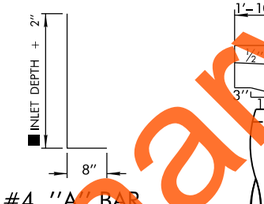
SECTION A–A



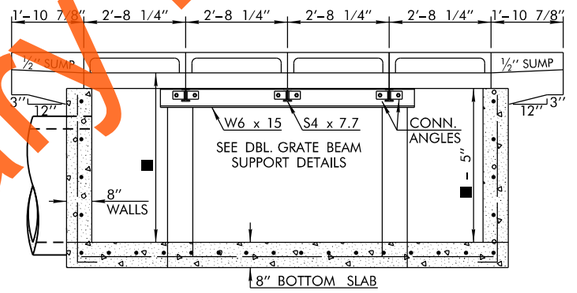
SECTION B–B



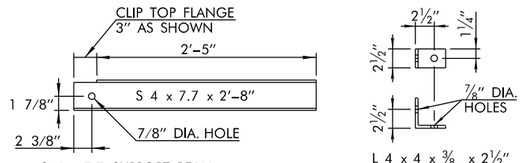
SECTION C–C



#4 "A" BAR
(VERTICAL BARS)

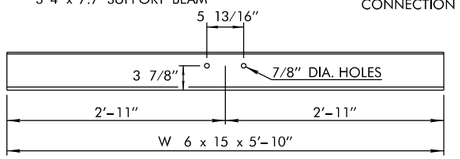


SECTION D–D

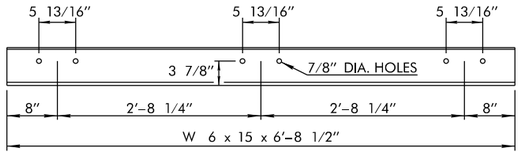


S 4 x 7.7 SUPPORT BEAM

L 4 x 4 x 3/8 x 2 1/2"
CONNECTION ANGLE



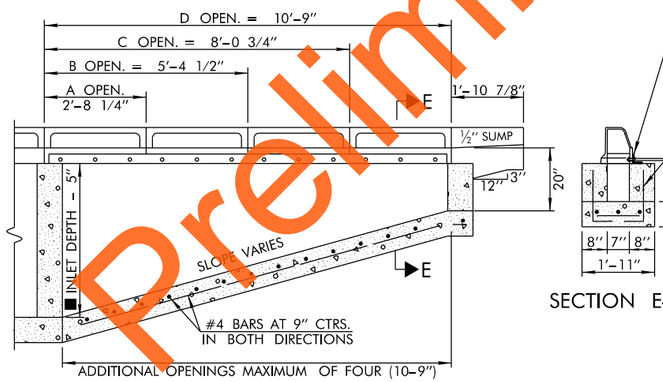
W 6 x 15 SUPPORT BEAM FOR DES. 2 DOUBLE GRATE



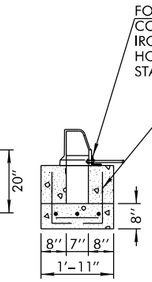
W 6 x 15 SUPPORT BEAM FOR DES. 3 DOUBLE GRATE

DOUBLE GRATE SUPPORT BEAM DETAILS

NOTE: S 4 x 7.7 SUPPORT BEAM(S) SHALL BE CONNECTED TO DOUBLE GRATE SUPPORT BEAMS USING CONNECTION ANGLES & 3/4" x 2" MACHINE BOLTS & NUTS AS REQUIRED.



ADDITIONAL CURB OPENINGS



SECTION E–E

■ STANDARD INLET DEPTH

INLET W/SMALL JUNCTION BOX	2'-8" FOR 18" R.C.P. & 28½" x 18" REINF. CONC. ARCH PIPE 3'-2" FOR 24" R.C.P. & 36¼" x 22½" REINF. CONC. ARCH PIPE 3'-8" FOR 30" R.C.P. & 43¾" x 26⅝" REINF. CONC. ARCH PIPE 4'-2" FOR 36" R.C.P. & 58½" x 36" REINF. CONC. ARCH PIPE
W/LARGE JUNC. BOX	4'-8" FOR 42" R.C.P. 5'-2" FOR 48" R.C.P.

STANDARD DEPTH QUANTITIES

INLET DESIGN	CURB OPEN DESIGNATION	CLASS "A" CONCRETE BASE AMOUNT C.Y.	CLASS "A" CONCRETE ADD'L CY PER VERT. FT. C.Y.	REINFORCING STEEL BASE AMOUNT LBS.	REINFORCING STEEL ADD'L CY PER VERT. FT. LBS.	INLET FRAME & GRATE EACH	CAST IRON HOOD EACH	MH FRAME & COVER EACH
1		2.84	0.60	244.74	37.41	1	1	1
1	A	3.09	0.54	262.54	35.40	1	2	1
1	B	3.45	0.54	284.79	35.40	1	3	1
1	C	3.81	0.54	302.94	35.40	1	4	1
1	D	4.17	0.54	325.35	35.40	1	5	1
2		3.57	0.65	304.06	42.08	2	2	1
2	A	3.76	0.60	325.86	40.80	2	3	1
2	B	4.15	0.60	348.99	40.80	2	4	1
2	C	4.55	0.60	371.81	40.80	2	5	1
2	D	4.94	0.60	391.72	40.80	2	6	1
3		4.99	1.01	566.27	65.46	4	4	1
3	A	5.47	1.01	591.13	64.01	4	5	1
3	B	5.96	1.01	617.42	64.01	4	6	1
3	C	6.45	1.01	643.30	64.01	4	7	1
3	D	6.95	1.01	665.86	64.01	4	8	1

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2019 ODOT STANDARD SPECIFICATIONS.
2. WHEN THE INLET IS BUILT IN NEW CONCRETE PAVEMENT, THE APRON AROUND THE INLET MAY BE BUILT INTEGRAL WITH PAVEMENT, OR MAY BE SEPARATE AND OF THE SIZE AS SHOWN. THE THICKNESS SHALL BE THE SAME AS THE CONCRETE PAVEMENT OR CURB AND GUTTER. IF CONSTRUCTED IN ANY OTHER AREA OR IN EXISTING PAVEMENT, THE APRON AROUND THE INLET SHALL BE BUILT OF P.C. CONCRETE TO A MINIMUM 8 INCH THICKNESS.
3. THERE WILL BE NO DEDUCTION OF PAYMENT FOR CONCRETE CURB AND GUTTER OR P.C. CONCRETE THROUGH THE EXTENTS OF THE CAST IRON CURB HOODS. DEDUCTION WILL BE MADE FOR PAYMENT ON INTEGRAL CURB THROUGH THE EXTENTS OF THE CAST IRON CURB HOODS.
4. STANDARD SSIF-5 FRAMES AND STANDARD CIG-4 GRATES TO BE USED WITH THESE INLETS UNLESS OTHERWISE SPECIFIED. COST OF THESE ITEMS AND HOODS SHALL BE INCLUDED IN THE COST OF INLET.
5. TYPE B & C FRAMES TO BE USED FOR MULTIPLE DOUBLE GRATES. SEE ROADWAY STANDARD SSIF-5 FOR DETAILS.
6. CASTINGS AS SHOWN HERE SHALL BE CAST STEEL, DUCTILE IRON OR GRAY IRON CONFORMING TO SECTION 725 OF THE SPECIFICATIONS.
7. VARIOUS DETAILS NOT SHOWN ON THIS SHEET, SHALL BE CONSTRUCTED AS SHOWN ON ROADWAY STANDARD CI-2, INCLUDING THE SUMP IN THE ROADWAY PAVING APRON, THE CONNECTION OF CAST IRON HOODS TO ANGLE IRON, AND THE CONNECTION OF CAST IRON HOODS TO THE INLET FRAMES.
8. PRICE BID FOR INLET W/JUNCTION BOX, SHALL INCLUDE ALL COST OF MATERIALS AND LABOR ASSOCIATED WITH UNCLASSIFIED EXCAVATION, STRUCTURAL EXCAVATION, CLASS A CONCRETE, REINFORCING STEEL, MANHOLE FRAME & COVER, INLET FRAMES & GRATES, CURB HOODS, CONNECTION ANGLES, CONNECTION BOLTS AND SUPPORT BEAMS.

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
611 (G)	INLET W/SMALL JUNCTION BOX (◹)	EA.
611 (G)	INLET W/LARGE JUNCTION BOX (◹)	EA.
611 (H)	ADD'L DEPTH IN INLET W/SML. JUNCT. BOX (◪)	V.F.
611 (H)	ADD'L DEPTH IN INLET W/LRG. JUNCT. BOX (◪)	V.F.

◹ INLET DESIGN AND CURB DESIGNATION SHALL BE SPECIFIED. I.E. DESIGN 1(B) or 2(STD.)

◪ THE INLET DESIGN NO. SHALL BE SPECIFIED, I.E. DESIGN 1, 2 OR 3.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

DETAIL OF CURB INLET W/ JUNCTION BOX

STATE JOB NO. 09032(07) SHEET NO. R051

Preliminary Plans

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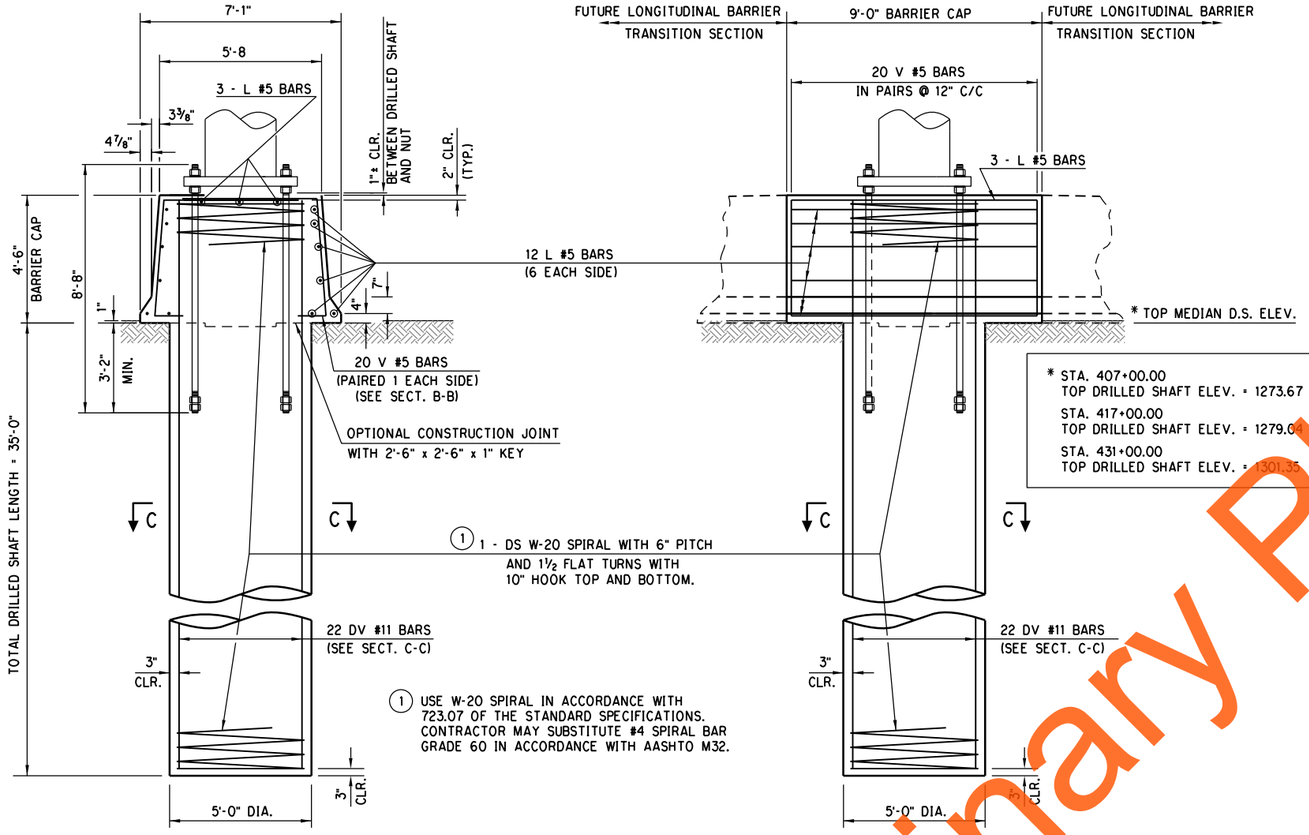
REVISIONS		
DESCRIPTION		DATE



SECTION A-A

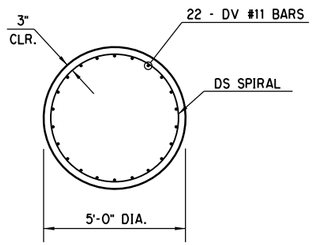
SECTION B-B

* STA. 407+00.00
TOP DRILLED SHAFT ELEV. = 1273.67

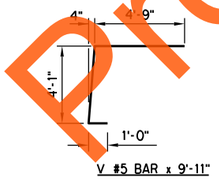
STA. 417+00.00
TOP DRILLED SHAFT ELEV. = 1279.04

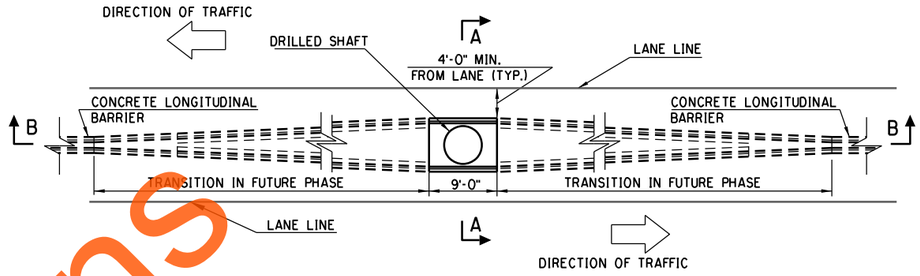
STA. 431+00.00
TOP DRILLED SHAFT ELEV. = 1301.35

1 USE W-20 SPIRAL IN ACCORDANCE WITH 723.07 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MAY SUBSTITUTE #4 SPIRAL BAR GRADE 60 IN ACCORDANCE WITH AASHTO M32.

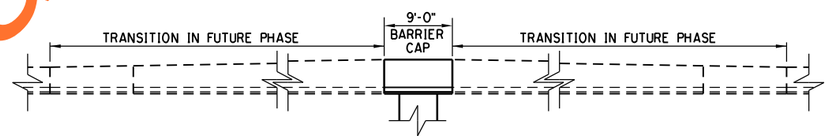


SECTION C-C





CONCRETE LONGITUDINAL BARRIER DETAIL (PLAN VIEW)



CONCRETE LONGITUDINAL BARRIER DETAIL (ELEVATION VIEW)

DRILLED SHAFT NOTES:

MATERIAL PROPERTIES
CLASS 'AA' CONCRETE = 4,000 PSI
REINFORCING STEEL = 60,000 PSI

THE DRILLED SHAFT FOR THE MONOTUBE SIGN STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING PROPERTIES:

-- COHESIVE SOIL
UNIT WEIGHT = 120 PCF
COHESION = 1000 PSF

-- GRANULAR SOIL
UNIT WEIGHT = 120 PCF
INTERNAL FRICTION ANGLE = 28 DEGREES

IF SITE CONDITIONS ARE ENCOUNTERED THAT DIFFER FROM THOSE SPECIFIED ABOVE, THE ENGINEER SHALL BE CONTACTED. SUCH CONDITIONS ARE, BUT NOT LIMITED TO, AS FOLLOWS:

-- SOIL HAS HIGH ORGANIC CONTENT OR CONSISTS OF SATURATED SILT AND CLAY.

-- THE SITE WON'T SUPPORT THE WEIGHT OF THE DRILLING RIG.

-- ROCK IS ENCOUNTERED. (IF SHALE IS ENCOUNTERED AT LESS THAN 10' FROM TOP OF SHAFTS, USE LENGTH SHOWN ON THIS SHEET).

DRILLED SHAFTS SHALL BE CONSTRUCTED ACCORDING TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND ASSOCIATED SPECIAL PROVISIONS. THE USE OF THE "DOUBLE CASING METHOD" IS NOT ALLOWED FOR THIS DESIGN.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT THE LOCATION AND ELEVATION OF THE DRILLED SHAFT ARE AS REQUIRED IN THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE MONOTUBE SUPPLIER TO ENSURE THAT THE ORIENTATION OF THE ANCHOR BOLTS IN THE DRILLED SHAFT ALLOW FOR PROPER ALIGNMENT OF ALL BASE PLATES AND FLANGES UPON FINAL INSTALLATION.

QUANTITIES - BARRIER CAP		
ITEM	UNIT	TOTAL
CLASS A CONCRETE	C.Y.	12.5
REINFORCING STEEL	LB.	350

BAR LIST - BARRIER CAP
(INCLUDED IN CONTRACT UNIT PRICE OF DRILLED SHAFT)

MARK	NO.	SIZE	FORM	SPACING	LENGTH
L	15	#5	STR.	AS SHOWN	8'-8"
V	20	#5	BENT	12" C/C	9'-11"

BAR LIST - DRILLED SHAFT
(INCLUDED IN CONTRACT UNIT PRICE OF DRILLED SHAFT)

MARK	NO.	SIZE	FORM	SPACING	LENGTH
DS	1	W-20	BENT	6" PITCH	1156'-6"
DV	22	#11	STR.	EQUAL	39'-1"

BASIS OF PAYMENT

	ITEM NO.	ITEM	UNIT	TOTAL
2	516(A)	DRILLED SHAFTS 60" DIAMETER	L.F.	35

2 ALL COSTS OF CONCRETE AND REINFORCING IN DRILLED SHAFTS SHALL BE INCLUDED IN THE PRICE BID FOR "DRILLED SHAFTS 60" DIAMETER".

Preliminary Plans

PHASE 3

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

MEDIAN BARRIER AND DRILLED SHAFT DETAILS I-240 MONOTUBE STRUCTURE

(SHEET 1 OF 2)

STATE JOB NO. 09032(07) SHEET NO. R052

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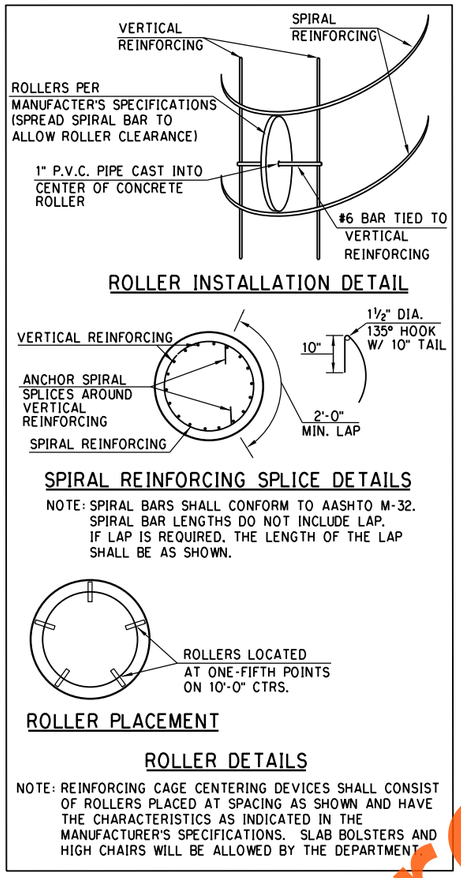
REVISIONS		
DESCRIPTION		DATE



ROLLER INSTALLATION DETAIL

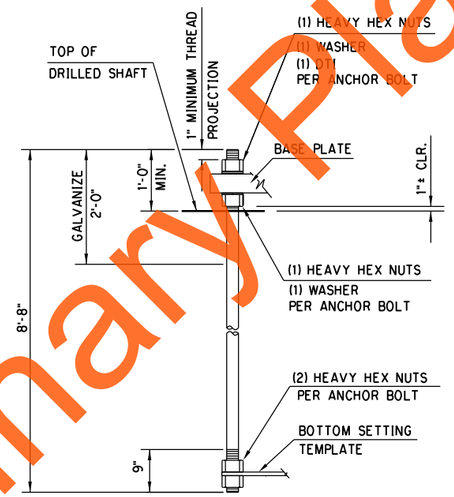
SPIRAL REINFORCING SPLICE DETAILS

NOTE: SPIRAL BARS SHALL CONFORM TO AASHTO M-32. SPIRAL BAR LENGTHS DO NOT INCLUDE LAP. IF LAP IS REQUIRED. THE LENGTH OF THE LAP SHALL BE AS SHOWN.

ROLLER PLACEMENT

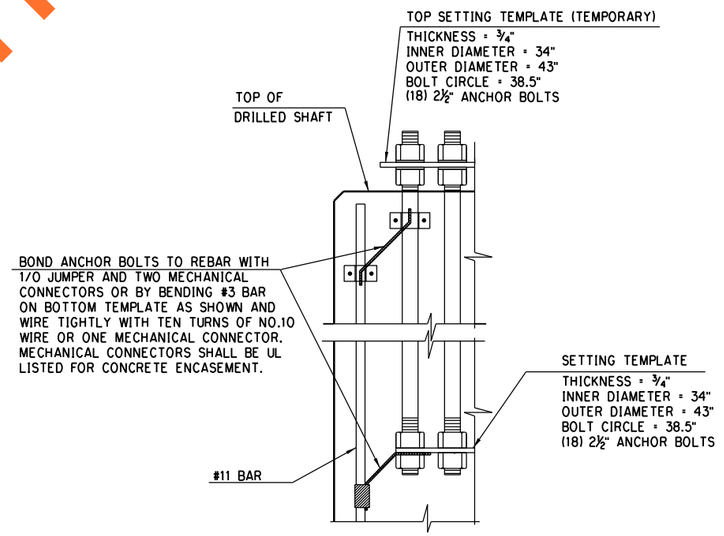
ROLLER DETAILS

NOTE: REINFORCING CAGE CENTERING DEVICES SHALL CONSIST OF ROLLERS PLACED AT SPACING AS SHOWN AND HAVE THE CHARACTERISTICS AS INDICATED IN THE MANUFACTURER'S SPECIFICATIONS. SLAB BOLSTERS AND HIGH CHAIRS WILL BE ALLOWED BY THE DEPARTMENT.



2½" DIA. ANCHOR BOLT DETAIL

(F1554 GR. 55)



ANCHOR BOLT TEMPLATE AND LIGHTING PROTECTION SYSTEM

Preliminary Plans

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PHASE 3

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

MEDIAN BARRIER AND DRILLED SHAFT DETAILS I-240 MONOTUBE STRUCTURE

(SHEET 2 OF 2)

STATE JOB NO. 090320(07) SHEET NO. R053

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SURVEY CONTROL DATA

1. HORIZONTAL CONTROL:

   A. HORIZONTAL CONTROL FOR THIS SURVEY IS IN OKLAHOMA DEPARTMENT OF TRANSPORTATION PLANE COORDINATE SYSTEM. LAMBERT PROJECTION (NORTH ZONE). ALL COORDINATES SHOWN ARE ON OKLAHOMA DEPARTMENT OF TRANSPORTATION PLANE COORDINATE SYSTEM WHICH WERE DERIVED BY MULTIPLYING THE USC&GS OKLAHOMA PLANE COORDINATES BY THE COMBINED ADJUSTMENT FACTOR OF 1.00010. THE OKLAHOMA DEPARTMENT OF TRANSPORTATION COORDINATE SYSTEM PLANE IS 2350 FEET ABOVE THE OKLAHOMA USC&GS PLANE.

   B. ACCURACY - 3RD ORDER OR BETTER

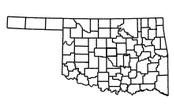
2. BEARINGS:

   THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM THE DEPARTMENT OF TRANSPORTATION PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL. THE ANGLE OF VARIANCE BETWEEN GRID NORTH (GN) AND THE ASTRONOMICAL TRUE NORTH (TN) IS DEPICTED DIAGRAMMATICALLY.

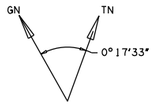
3. VERTICAL CONTROL:

   A. LEVEL DATUM IS MEAN SEA LEVEL (NGS), NGVD29.

   B. ACCURACY - 3RD ORDER OR BETTER



LOCATION MAP



CONVENTIONAL SIGNS

- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP LINES
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- OIL WELLS
- BUILDINGS
- DRAINAGE STRUCTURES-IN-PLACE
- DRAINAGE STRUCTURES-NEW
- RIGHT-OF-WAY LINES-EXISTING
- RIGHT-OF-WAY LINES-NEW
- RIGHT-OF-WAY MARKERS-IN PLACE
- RIGHT-OF-WAY MARKERS-REMOVE & RESET
- RIGHT-OF-WAY MARKERS-NEW
- CONTROLLED ACCESS
- SS — EXISTING SANITARY SEWERS
- G — EXISTING GAS LINES
- W — EXISTING WATER LINES
- TUG — EXISTING TELEPHONE CABLES UNDERGROUND

UTILITY CONTACT LIST

AT&T	(405)275-8805
COX COMMUNICATIONS	(405)600-6269
LEVEL 3 COMMUNICATIONS	(405)471-3647
OG&E	(800)272-9741
ONG	(800)664-5463
DCP MIDSTREAM LLC/EDMOND	(405)341-1266
MCLEOD USA	(317)924-2592
QWEST COMMUNICATIONS	(800)899-7780
SOONER UTILITIES (WATER)	(405)721-4700
STEPHENS & JOHNSON OPERATING CO.:	(405)235-4146
TOWN OF VALLEY BROOK	(405)677-6948
WHITE OPERATING CO.	(405)239-6001
CITY OF OKLAHOMA CITY	(405)297-2278

THIS SURVEY MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, JUNE 11, 2001.

SPECIFICATIONS FOR SURVEYS FOR PRIMARY AND SECONDARY HIGHWAYS DATED FEB 6, 2006 GOVERN.

SDS 01 OF 46

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SURVEY OF

STATE HIGHWAY

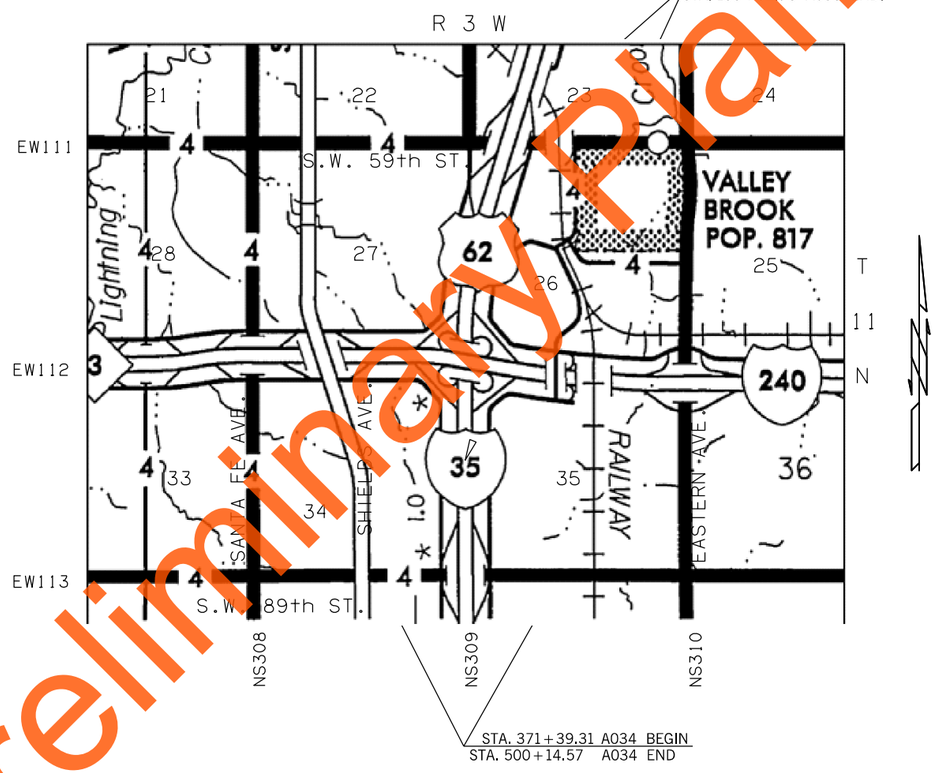
SWO 2923(1)

STATE JOB NO. 09032(17)

OKLAHOMA COUNTY

I-35 & I-240 INTERCHANGE

STA. 53+29.93 A035 BEGIN
STA. 133+02.75 A035 END.



STA. 371+39.31 A034 BEGIN
STA. 500+14.57 A034 END

PROJECT LENGTH 10,590 Ft. 2.01 MI.

BEGINNING STATION : STA. 371+39.31 A034 BEGIN
ENDING STATION : STA. 500+14.57 A034 END

PROJECT LENGTH 7,973 Ft. 1.51 MI.

BEGINNING STATION : STA. 53+29.93 A035 BEGIN
ENDING STATION : STA. 133+02.75 A035 END

Preliminary Plans

Electronic File Transfer Disclaimer:

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SURVEY SHEET INDEX

NO.	DESCRIPTION
01 OF 46	TITLE SHEET
02-05 OF 46	HISTORICAL LETTER
06-07 OF 46	BM & CHECKLEVELS LIST
08-11 OF 46	COORDINATE LIST
12-25 OF 46	ALIGNMENT REPORT
26-46 OF 46	SURVEY DATA SHEETS

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SWO 2923(1) Job/Piece 09032(17) Engr. Contract No. 1060

LAND SURVEYOR'S CERTIFICATION

I hereby certify that all land and property sub-division distances, angles, corners and monumentation made or used in conjunction with this survey and depicted or recorded herein or hereon were recovered, established, or re-established in substantial conformity with:

- *Applicable instructions contained in the U.S. Government Bureau of Land Management publication "Manual of Surveying Instructions";*
- *its supplement, "Restoration of Lost or Obliterated Corners and Subdivision of Sections";*
- *"Oklahoma Minimum Standards for the Practice of Land Surveying" as adopted by the State Board of Registration for Professional Engineers and Land Surveyors; and*
- *Sound land surveying practices;*
  including a through search, study, analysis, and consideration of all existing records and field evidence.

I further certify that all survey monuments depicted exist and that all land survey work was done by me or under my direct supervision and that it is true, accurate, and correct to the best of my knowledge and belief.

Dated this 6th *day of* May, 2016.

POE & ASSOCIATES, INC.
OKLAHOMA CITY, OKLAHOMA

Land Surveyor _____
Signature

JUSTIN LEE TALCOTT
Printed Name

Oklahoma Registered Land Surveyor No. 1646

Certificate of Authorization No. 541

(SEAL)

BEFORE YOU DIG OKLAHOMA CALL OKIE

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			**SURVEY DATA SHEET**
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD01

OKLAHOMA COUNTY

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Oklahoma Department of Transportation

Survey Division (405)521-2621 Fax (405)522-0364

Date: September 1, 2015

To: Mr. William Leroy Tackett, Chief of Surveys

From: Justin Lee Talcott, Professional Land Surveyor

Subject: SWO 2923(1), J/P 09032(17) – Oklahoma County
I-35/I-240 Interchange

Historical Letter & Written Report

1. GENERAL:

Survey Began: November 21, 2006
Survey Completed: August 1, 2015

Personnel on this Survey:

Justin Lee Talcott	Professional Land Surveyor, OK #1646
Jack B. Weaver (Retired)	Professional Land Surveyor, OK #955
Robert M. Perez	Assistant Surveyor
Mickey Parsons	Assistant Surveyor
Andrew Moss	Assistant Surveyor
Chad Baker	Assistant Surveyor
Tremetria Williams	CAD Technician

2. PURPOSE:

The purpose of this survey was to furnish sufficient data to develop plans to reconstruct the I-35/I-240 Interchange in Oklahoma City, Oklahoma.

3. SURVEY LIMITS:

I-35: Along I-35 from S.E. 82nd Street, North to S.E. 59th Street (approximate centerline length = 1.50 miles).

I-240: Along I-240 from Santa Fe Avenue, East to Eastern Avenue (approximate centerline length = 2.00 miles).

1. ALIGNMENT:

I-35 MAINLINE (A035): The Centerline of Survey for this mainline is along and identical to the centerline of present I-35 as established and shown on FAP I-381(4) plans.

SE 82ND STREET CONNECTION (A032): The Centerline of Survey for this connection is along and identical to the centerline of present SE 82nd Street as established and shown on FAP IR-35-3(074)121 plans being 8.7 feet south of the quarter section line of Section 34, T11N-R3WIM.

SE 66TH STREET CONNECTION (A031): The Centerline of Survey for this connection is along the quarter section lines of Sections 26 & 27, T11N-R3WIM and identical to the centerline of present SE 66th Street as established and shown on FAP IR-35-3(074)121 plans.

SE 59TH STREET CONNECTION (A030): The Centerline of Survey for this connection is along the north line of Section 26, T11N-R3WIM and identical to the centerline of present SE 59th Street as established and shown on FAP IR-35-3(110)123 plans.

I-240 MAINLINE (A036): The Centerline of Survey for this mainline is along and identical to the centerline of present I-240 as established and shown on FAP IR-240-1(323) west of the interchange and FAP IR-240-4(86)157 east of the interchange. Utilizing FAP F-369(094) for the Shields Blvd. crossing and FAP I-381(4) for the Crossroads interchange. The north I-240 service road alignments at approximately station 438+00.00 do not graphically match, but are calculated from the same I-240 centerline with different offsets from different reference plans. The service road going west from this point using reference plan FAP I-381(4) matches the existing back of curb and the service road going east from this point using reference plan FAP I-240(86)157 and matches the existing centerline.

SANTA FE AVENUE CONNECTION (A011): The Centerline of Survey for this connection is along the west line of Sections 27 & 34, T11N-R3WIM and identical to the centerline of present Santa Fe Avenue as established and shown on FAP IR-240-1(323) plans.

SHIELDS BOULEVARD CONNECTION (A012): The Centerline of Survey for this connection is along and identical to the centerline of present Shields Boulevard as established and shown on FAP IR-240-1(323) and FAP F-369(094) plans.

BNSF RAILROAD MAINLINE (A015): The Centerline of Survey for this mainline is along and identical to the centerline of present BNSF Railroad as established and shown on FAP I-240-4(86)157 plans.

EASTERN AVENUE CONNECTION (A014): The Centerline of Survey for this connection is along the east line of Sections 26 & 35, T11N-R3WIM and identical to the centerline of present Eastern Avenue as established and shown on FAP I-240-4(86)157 and SWO 5030(01) plans.

Preliminary Plans

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. S002

OKLAHOMA COUNTY

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

1. STATIONING:

I-35 MAINLINE: Stationing for this survey is identical to present I-35 and taken from FAP I-381(4) plans. Beginning at SE 82nd Street, the present station 53+29.93 is equal to FAP I-381(4) station 53+36.10, present station 79+77.15 is equal to FAP I-381(4) station 79+75.83 at the centerline of crossroads interchange and present PT station 130+74.84 is equal to FAP I-381(4) station 130+70.85 and ending with present station 133+02.75 being equal to FAP I-IR-33-3(110)123 station 133+02.69.

SE 82ND STREET CONNECTION: Stationing for this survey is identical to present SE 82nd Street taken from FAP I-IR-35-3(074)121 plans with a centerline of I-35 station of 99+02.99 and extending west 500' to station 94+02.99 and east 500' to station 104+02.99.

SE 66TH STREET CONNECTION: Stationing for this survey is identical to present SE 66th Street taken from FAP I-IR-35-3(074)121 plans with a centerline of I-35 station of 209+02.99 and extending west 500' along the section line to station 204+02.99 and east 500' (passing the NW corner of Section 26 at 97.02' for a station of 210+00.01) along the section line to station 214+02.99.

SE 59TH STREET CONNECTION: Stationing for this survey is identical to present SE 59th Street taken from FAP IR-35-3(110)123 plans with a centerline of I-35 station of 100+00.00 and extending west along the section line 500' to station 95+00.00 passing the Northwest corner of Section 26 present station 97+60.928 equal to said plans 97+60.88 and east from the centerline along the section line for 500' to station 105+00.00.

I-240 MAINLINE: Stationing for this survey is identical to present I-240 as established and shown on FAP IR-240-1(323), FAP I-381(4) and FAP I-240-4(86)157plans. Beginning at the centerline of I-240 and Santa Fe with a station of 376+33.43 being equal to station 376+33.72 FAP IR-240-1(323), running through the station at the centerline of Shields Blvd 393+43.79 being equal to same station 393+43.79 FAP IR-240-1(323), through the station equation at 415+08.92 Back/415+00.00 Ahead equal to same equation from FAP IR-240-1(323), through the centerline of I-35 station 428+14.28 being equal to station 428+14.27 FAP I-381(4) and ending at the centerline of Eastern Avenue station 482+14.52 being equal to 482+01.92 FAP I-240-4(86)157 plans.

SANTA FE CONNECTION: Stationing for this survey is identical to present Santa Fe as established and shown on FAP IR-240-1(323) plans with a centerline of I-240 present station of 100+96.72 being equal to station 100+97.00 on same plans and extending north 500' along the section line to station 105+96.72 and south along the section line (through the NW corner of Section 34 at station 100+00.00) for 500' to station 95+96.72.

SHIELDS BOULEVARD CONNECTION: Stationing for this survey is identical to present Shields Boulevard as established and shown on FAP IR-240-1(323) and FAP F-359(094) plans with a centerline of I-240 present station of 147+61.38 being equal to same station 147+61.38 on same plans and extending northwest 500' to station 152+61.38 and southeast for 500' to station 142+61.38.

BNSF RAILROAD MAINLINE: Stationing for this survey is identical to the present BNSF railroad as shown on FAP I-240-4(86)157 plans. Present main line station with centerline of I-240 is 20564+76.90 which began at the PC station 20566+70.42 south of I-240 and extended north through the existing curve to the Plaza Mayor Boulevard crossing.

EASTERN AVENUE CONNECTION: Stationing for this survey is identical to present Eastern Avenue as established and shown on FAP I-240-4(86)157 plans with a centerline of I-240 station of 25+10.87 and extended north along the section line (through the SE corner of Section 26 at station 26+34.64) for 500' to station 20+10.87 and extended south along the section line for 500' to station 20+10.87.

1. HORIZONTAL CONTROL:

Horizontal control for this survey is the Oklahoma Department of Transportation Plane Coordinate System, Lambert Projection (North zone). All coordinates shown are Oklahoma Department of Transportation Plane coordinates which were derived by multiplying the USC&GS Oklahoma Plane coordinates by the combined adjustment factor of 1.00010. The Oklahoma Department of Transportation Coordinate System Plane is 2350 feet above the Oklahoma USC&GS Plane. We established 5 control points (O-55-1837, O-55-1838, O-55-1839, O-55-1840, O-55-1841) within the survey limits.

2. VERTICAL CONTROL:

Vertical Control for this survey is NGVD29 datum matching the Oklahoma Department of Transportation Plane Coordinate System establishing 49 benchmarks along our project.

3. MEASURMENT UNITS:

The distances, coordinates, and elevations shown on this survey are in US Survey Feet. All angles and grid bearings shown are in degrees, minutes, and seconds derived from the Oklahoma Department of Transportation Plane Coordinate System and are not astronomical.

4. TOPOGRAPHY/DIGITAL TERRAIN MODEL:

Topography and surface features were collected by aerial photogrammetry, performed and processed by ADS, our sub-consultant for this project. Traditional survey methods (RTK and Total Station) were used alongside the aerial photogrammetry to supplement areas needed.

5. LAND TIES:

All land corners that were required on this survey have been researched and verified in the field as existing, set this survey, or calculated. All corners were easily accessible and found within road right of way, a request for certified corners revealed at least one (1) existing monument at every corner.

Preliminary Plans

SDS 03 OF 46

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD03

OKLAHOMA COUNTY

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Southwest Corner Section 27, T11N-R3WIM
I found this corner in place, being a ½" iron pin, ODOT monument number O-55-1367 and is in agreement with previous certified corner records. This monument is located just north of the intersection of South Santa Fe and the south service road of Interstate 240.

West Quarter Corner of Section 27, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-1368, and is in agreement with previous certified corner records. This monument is located at the intersection of South Santa Fe and SE 66th Street.

Northwest Corner Section 27, T11N-R3WIM
I found this corner in place, being a 3/8" iron pin with a new ODOT monument number O-55-1850 and is in agreement with previous certified corner records. This monument is located in the intersection of South Santa Fe and SE 59th Street.

North Quarter Corner Section 27, T11N-R3WIM
I found this corner in place, being a ½" iron pin with a new ODOT monument number O-55-1851 and is in agreement with previous certified corner records. This monument is located in the intersection of South Byers Avenue and SE 59th Street.

Northeast Corner Section 27, T11N-R3WIM
I found this corner in place, being a chiseled "X" in the concrete intersection of the I-35 Service Road and SE 59th Street. This monument has an ODOT monument number of O-55-97 and is in agreement with previous certified corner records.

East Quarter Corner Section 27, T11N-R3WIM
I found this corner in place, being a chiseled "X" in concrete west of the intersection of I-35 Service Road and SE 66th Street. This monument has an ODOT monument number of O-55-99 and is in agreement with previous certified corner records.

Southeast Corner Section 27, T11N-R3WIM
I found this corner in place, being a ½" iron pin, ODOT monument number O-55-634 and is in agreement with previous certified corner records. We found this monument located on the east edge of the northbound I-35 driving lane approximately a foot west of the bridge support wall.

South Quarter Corner Section 27, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-1313 and is in agreement with previous certified corner records. This monument is located on the north edge of the I-240 Service Road and just west of the east bound I-240 on ramp.

Center Corner Section 27, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-1314 and is in agreement with previous certified corner records. I also found a P.K. nail N 85°12'30"E a distance of 0.66', this P.K. nail was not accepted. Monument is located in the intersection of South Byers Avenue and SE 66th Street.

Preliminary Plans

North Quarter Corner Section 26, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-98 and is in agreement with previous certified corner records. This monument is located NE of the intersection of SE 59th Street and Crossroads Blvd.

Northeast Corner Section 26, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-1766 and is in agreement with previous certified corner records. This monument is located approximately 50 feet west of the intersection of SE 59th Street and South Eastern Avenue.

East Quarter Corner Section 26, T11N-R3WIM
I found this corner in place, being a chiseled "X" in concrete in the approximate centerline of South Eastern Avenue and agrees with previous certified corner records. This monument has as ODOT number of O-55-1767.

Southeast Corner Section 26, T11N-R3WIM
I found this corner in place, being a ½" iron pin, ODOT monument number O-55-628 and is in agreement with previous certified corner records. I also found a 3/8" iron pin approximately 2' south that doesn't match references or certified corner records. This monument is located in the median of South Eastern Avenue and approximately 73' north of the north pier under I-240.

South Quarter Corner Section 26, T11N-R3WIM
I found this corner in place, being an ODOT brass monument with a number of O-55-627 and is in agreement with previous certified corner records. This monument is located south of the I-240 Service Road and east of the west bound I-240 on ramp.

Center Corner Section 26, T11N-R3WIM
I found this corner in place, being a ½" iron pin, ODOT monument number O-55-1315 and is in agreement with previous certified corner records. Monument is located under a chain link fence, northeast of SE 66th Street and northwest of a driveway.

East Quarter Corner Section 35, T11N-R3WIM
I found this corner in place, being a P.K. nail, ODOT monument number O-55-629 and is in agreement with previous certified corner records. This monument is located in the approximate centerline of South Eastern Avenue.

Southeast Corner Section 35, T11N-R3WIM
I found this corner in place, being a mag nail with the head broke off, ODOT monument number O-55-630 and is in agreement with previous certified corner records. This monument is in the approximate center of the concrete intersection of South Eastern Avenue and SE 89th Street.

South Quarter Corner Section 35, T11N-R3WIM
I found this corner in place, being an ODOT brass cap with a monument number of O-55-631 and is in agreement with previous certified corner records. This monument is east of the centerline of the intersection of SE 89th Street and Pole Road.

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 0903210(7) SHEET NO. SD04

OKLAHOMA COUNTY

Southwest Corner Section 35, T11N-R3WIM
I found this corner in place, being a chiseled "X" west of the concrete intersection of SE 89th Street and the I-35 Service Road. This monument has an ODOT number of O-55-632 and is in agreement with previous certified corner records.

West Quarter Corner Section 35, T11N-R3WIM
I found this corner in place, being a chiseled "X" west of the concrete intersection of SE 82nd Street and the I-35 Service Road, north of the centerline of SE 82nd Street. This monument has an ODOT number of O-55-633 and is in agreement with previous certified corner records.

Center Corner Section 35, T11N-R3WIM
I found this corner in place, being a 3/8" iron pin, ODOT monument number O-55-635 and is in agreement with previous certified corner records. This monument is located approximately 40' east of Pole Road and is in the bottom of a drainage channel with a t-post set nearby.

South Quarter Corner Section 34, T11N-R3WIM
I found this corner in place, being a mag nail with a Durham washer, ODOT monument number O-55-1306 and is in agreement with previous certified corner records. This monument is in the approximate center of the intersection of SE 89th Street and South Shields Blvd.

Southwest Corner Section 34, T11N-R3WIM
I found this corner in place, being a mag nail with a Hale & Buckley washer, ODOT monument number O-55-1849 and is in agreement with previous certified corner records. This monument is in the approximate center of the intersection of SE 89th Street and South Santa Fe Avenue.

West Quarter Corner Section 34, T11N-R3WIM
I found this corner in place, being a 3/8" iron pin, ODOT monument number O-55-1366 and is in agreement with previous certified corner records. This monument is in the approximate centerline of South Santa Fe Avenue.

Center Corner Section 34, T11N-R3WIM
I found this corner in place, being a ½" iron pin, ODOT monument number O-55-1312 and is in agreement with previous certified corner records. This monument is approximately 6' east of the curb of the northbound Shields Blvd and approximately 50' north of the centerline of a driveway.

1. ENVIRONMENTAL CONCERNS:

There are 2 environmental concerns documented and recorded within this survey. At the southwest corner of I-240 and Shields Blvd, approximately Sta. 390+83.00 to 393+94.00 145' Rt. to 397' Rt., Mosley's Texaco (which is now Discount Tire), 7501 S. Shields Blvd, OCC FAC #5508224 Case #064-1702, and at the southeast corner of I-240 and Shields Blvd, approximately Sta. 394+86.00 to 396+25.00 154' Rt. to 335' Rt., Shields Conoco (which is now Enterprise Rent a Car), 7500 S. Shields Blvd, OCC FAC #5508554 Case #064-0831.

Preliminary Plans

1. RIGHT OF WAY:

Right of way within the survey was taken from deeds and plats acquired from the Oklahoma County courthouse, right of way division at Oklahoma Department of Transportation and supplemented with the following plans, F-369(094), FAP I-240-4(86)157, FAP I-IMY-35-(221)(247)120, FAP I-IR-35-3(074)121, FAP I-IR-35-3(108)119, FAP I-IR-35-3(110)23, FAP U-386(1), IR-240-1(323)000, IR-240-1(324)000, IR-240-1(325)000. The railroad right of way along the north and east of the current BNSF Railway was taken from the Crossroads Industrial Park subdivision plat. The south and east side of said railway was taken from a description of an unplatted portion at the County Assessor's office and confirmed with a Quit Claim deed filed in book 13046, page 1571 and matches the physical evidence of the existing rails. The portion of the right-of-way between these north and south descriptions and the "triangle" portion are described at the Oklahoma County courthouse in book 4505, page 1908.

2. UTILITIES:

All utility companies servicing the project extents were contacted, after first contacting OKIE during the course of this survey. Survey crew personnel met with a locator and/or discussed per phone conversation the location of existing utilities during this survey. Utilities shown were collected and/or verified from field data, atlas maps and existing plans. Obvious gaps or omitted areas were either not located by participating utility companies or could not be verified in the field. There are 2 ODOT fiber lines of unknown pair size that cross I-35 at approximate stations 78+39.00 and 84+34.00. There is also a Century Link (formerly Qwest) fiber line of unknown pairs crossing I-240 at approximately station 458+99.00 and a Level 3 Communications Tug line of unknown pairs crossing I-240 at approximately station 460+99.31, several attempts were made to contact these 2 companies with no results.

3. EQUIPMENT USED:

Topcon HIPER V GPS receivers, Topcon GR3 GPS receivers, Topcon PS-103 Robotic Total Station Sokkia SET 330R Total Station and Sokkia B20 automatic level.

4. DATA SUBMITTED:

1. SWO2923_1_V1.dgn
2. SWO2923_1_V1_TOPO.dgn
3. SWO2923_1_V1_TRI.dgn
4. SWO2923_1_V1_SFF.dgn
5. SWO2923_1_V1_DRA.dgn
6. ODOT form SD-1, Transmittal Letter.
7. ODOT form SD-41, Surveyor's Certification.
8. ODOT form SD-11 for 5 monuments
9. ODOT form SD-7 Utility form
10. PDF certified corner records.
11. Cogo Data (Coordinate List with Alignments)
12. Historical Letter.
13. BM's and Check Levels

Justin Lee Talcott
Professional Land Surveyor

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 0903210(7) SHEET NO. SD05

OKLAHOMA COUNTY

SDS 05 OF 46

BENCHMARKS AND CHECKLEVELS

SWO 2923(1)

I-35 / I-240 INTERCHANGE OKLAHOMA COUNTY

NOTE: LEVEL DATUM FOR THIS SURVEY IS MEAN SEA LEVEL- (NGS), NGVD29-3RD ORDER OR BETTER.

STATION	ELEVATION RUN1	ELEVATION RUN2	ELEVATION RUN3	DIFF	RUN1	RUN2	RUN3	MEAN	UNADJUSTED ELEVATION	ADJUSTED ELEVATION	ELEVATION	DESCRIPTION
B.M. 59											1285.59	Chiseled square on concrete headwall approximately 600' S. of Ramada Inn along frontage road, taken from existing plans CL I-35 STA. 94+25.50 131.47' RT.
FIRESTONE	1300.29	1300.27		-0.02	14.7	14.68		14.69		1300.28	1300.28	Square on sidewalk at Firestone CL I-35 STA. 107+92.56 204.35' RT.
B.M. 1	1290.09	1290.08		-0.01	-10.19	-10.2		-10.195	1290.085	1290.09		X on curb NE of Arby's CL I-35 STA. 105+35.58 155.87' LT.
B.M.2	1284.54	1284.54		0	-5.545	-5.545		-5.545	1284.54	1284.54		#5 rebar at church
CHURCH												CL I-35 STA. 101+11.28 295.24' LT.
O-55-1837												
B.M.3	1279.75	1278.88		-0.87	-4.79	-5.66		-5.225	1279.315	1279.32		X on curb at 71st St. CL I-35 STA. 92+35.03 326.63' LT.
B.M.4	1282.01	1282.01		0	2.695	2.695		2.695	1282.01	1282.01		X on curb at 73rd St. CL I-35 STA.89+03.86 520.15' LT.
B.M.5	1282.4	1282.41		0.01	0.39	0.4		0.395	1282.405	1282.41		X on curb at center of inlet CL I-35 STA. 85+81.41 258.21' LT.
B.M.6	1265.29	1265.3		0.01	-17.115	-17.105		-17.11	1265.295	1265.3		Chiseled square top of east side of drainage canal CL I-240 STA. 418+91.16 406.13' LT.
B.M.7	1274.87	1274.87		0	9.575	9.575		9.575	1274.87	1274.88		X on curb at 73rd street CL I-240 412+45.47 323.22' LT.
B.M.8	1267.14	1267.14		0	-7.73	-7.73		-7.73	1267.14	1267.15		X on curb at 72nd street CL I-240 STA. 406+48.06 317.43' LT.
B.M.9	1270.89	1270.9		0.01	3.75	3.76		3.755	1270.895	1270.91		X on curb at inlet, SE of Home Depot CL I-240 STA. 399+94.10 175.60' LT.
B.M.10	1275.41	1275.43		0.02	4.515	4.535		4.525	1275.42	1275.43		X on curb at Pl E & NW, S. of Valero gas station CL I-240 STA. 394+01.73 176.66' LT.
B.M.11	1265.35	1265.36		0.01	-10.07	-10.06		-10.065	1265.355	1265.37		X on curb
CIRCUIT CITY												CL I-240 STA. 391+00.77 453.49' LT.
O-55-1838												
B.M.12	1263.85	1263.86		0.01	-1.505	-1.495		-1.5	1263.855	1263.87		Square on curb at Pl N & E SE of Payless Shoes CL I-240 STA. 385+73.15 152.24' LT.
B.M.13	1261.56	1261.57		0.01	-2.295	-2.285		-2.29	1261.565	1261.58		Square on traffic box east of Santa Fe CL I-240 STA. 379+06.84 136.04' LT.
B.M.14	1258.45	1258.45		0	-3.115	-3.115		-3.115	1258.45	1258.47		Square at NW corner of water vault, east of Santa Fa CL I-240 STA. 377+02.13 152.94' LT.
B.M.15	1257.84	1257.84		0	-0.61	-0.61		-0.61	1257.84	1257.86		X on curb at Pl E & SW, NW of Batteries Plus CL I-240 STA. 377+33.76 157.07' RT.
B.M.16	1265.47	1265.47		0	7.63	763		7.63	1265.47	1265.49		X on curb at North end of Walmart parking lot CL I-240 STA. 383+25.73 148.89' RT.
B.M.17	1269.52											X on lightpole base 4th pole from west, north of Nissan dealership

BM AND CHECKLEVELS

B.M.18	1270.28	1270.3		0.02	4.81	4.83		4.82	1270.29	1270.31		X on east curb of 33rd entrance from west of Nissan dealership CL I-240 STA. 389+27.33 133.51' RT.
B.M.19	1278.59											X on curb at Pl E & S at north end of Discount Tire parking lot
B.M.20	1280.87	1280.88		0.01	10.58	10.59		10.585	1280.875	1280.9		X on light pole base NNW of Enterprise CL I-240 STA. 395+58.73 155.12' RT.
B.M.21	1276.76	1276.78		0.02	-4.115	-4.095		-4.105	1276.77	1276.79		X on curb at Pl N & W, west curb at west entrance to Saturn CL I-240 STA. 402+17.71 157.12' RT.
B.M.22	1275.43	1275.43		0	-1.34	-1.34		-1.34	1275.43	1275.45		X on headwall west side of Ford dealership CL I-240 STA. 408+36.59 271.68' RT.
B.M.23	1281.815	1281.81		-0.005	6.385	6.38		6.3852	1281.8125	1281.84		X on curb Pl N & E at NW corner of Ford dealership building CL I-240 STA. 413+98.14 319.36' RT.
B.M.24	1282.385	1282.37		-0.015	0.5725	0.5575		0.565	1282.3775	1282.4		X on lightpole base on east side of Ford dealership building CL I-240 STA. 417+08.18 439.75' RT.
B.M.25	1278.215	1278.21		-0.005	-4.1625	-4.1675		-4.165	1278.2125	1278.24		#6 rebar east of creek bend CL I-240 STA. 421+35.01 620.62' RT.
B.M.26	1283.51	1283.52		0.01	5.2975	5.3075		5.3025	1283.515	1283.54		#6 rebar CL I-35 STA. 72+81.56 526.25' LT.
B.M.27	1289.24	1289.24		0	5.725	5.725		5.725	1289.24	1289.27		X on driveway, east of front door of Bodyworks, Inc. CL I-35 STA. 68+21.51 177.72' LT.
B.M.28	1290.73	1290.73		0	1.49	1.49		1.49	1290.73	1290.76		X on cub, east of Dept. of Corrections office CL I-35 STA. 65+16.94 136.00' LT.
B.M.29	1294.33											X on south curb, NE of Five Star Rig & Supply
B.M.30	1298.27	1298.25		-0.02	7.54	7.52		7.53	1298.26	1298.29		X on curb, east of Marshall Park parking lot CL I-35 STA. 59+00.05 154.01' LT.
B.M.31	1303.53											X on curb, east parking lot of Days Inn
B.M.32	1309.11	1309.1		-0.01	10.85	10.84		10.845	1309.105	1309.14		X on curb Pl W & N, SSE of Days Inn CL I-35 STA. 53+66.62 230.16' LT.
B.M.33	1307.67	1307.65		-0.02	-1.435	-1.455		-1.445	1307.66	1307.69		#5 rebar
HOSPICE												CL I-35 STA. 53+30.60 629.22' LT.
O-55-1840												
B.M.34	1308.43	1308.46		0.03	0.77	0.8		0.785	1308.445	1308.48		X on curb, N of SE 82nd St. CL I-35 STA. 53+58.07 148.34' RT.
B.M.35	1297.2	1297.18		-0.02	-11.245	-11.265		-11.255	1297.19	1297.23		X on curb, east side of median on 80th St. Ice Rink CL I-35 STA. 59+58.93 348.75' RT.

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

Preliminary Plans

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD06

OKLAHOMA COUNTY

SDS 06 OF 46

B.M. 36	1290.6	1290.59		-0.01	-6.59	-6.6		-6.595	1290.595	**1290.63**		Square on south curb
												return at SE 79th, NW of Ice Rink
												CL I-35 STA. 65+79.07 234.04' RT.
B.M.37	1292.93	1292.92		-0.01	2.335	2.325		2.33	1292.925	**1292.96**		X on north headwall at
												SW corner of OG&E yard
												CL I-35 STA . 67+15.69 865.26' RT.
B.M.38	1296.01	1296		-0.01	3.085	3.075		3.08	1296.005	**1296.05**		#6 rebar, 6' west of OG&E
												fence, 3rd light pole from north
												CL I-240 STA. 437+85.95 693.64' RT.
B.M.39	1300.34	1300.33		-0.01	4.335	4.325		4.33	1300.335	**1300.38**		X on west curb, east of
												lightpole at OG&E main parking lot
												CL I-240 STA. 446+25.79 262.04' RT.
B.M.40	1295.87	1295.85		-0.02	-4.465	-4.485		-4.475	1295.86	**1295.9**		Square on concrete
												footing at NNE fence
												corner of OG&E yard
												CL I-240 STA. 450+98.17 326.25' RT.
B.M.41	1280.47	1280.45		-0.02	-15.39	-15.41		-15.4	1280.46	**1280.5**		Square on concrete
												footing at NE fence
												corner of OG&E yard
												CL I-240 STA. 455+77.93 606.19' RT.
B.M.42	1270.94	1270.94		0	-9.52	-9.52		-9.52	1270.94	**1270.98**		#6 rebar at NW corner of
												fence and Budweiser property
												CL I-240 STA. 461+03.91 196.39' RT.
B.M.43	1259.74	1259.73		-0.01	-11.2	-11.21		-11.205	1259.735	**1259.78**		#6 rebar
												CL I-240 STA. 472+71.40 197.10' RT.
B.M.44	1278.31	1278.29		-0.02	18.575	18.555		18.565	1278.3	**1278.35**		#6 rebar
												CL I-240 STA. 478+53.14 372.48' RT.
B.M.45	1286.2	1286.18		-0.02	7.9	7.88		7.89	1286.19	**1286.24**		X on headwal, west of Eastern
												CL I-240 STA. 481+88.67 511.12 RT.

B.M.46	1297.7	1297.7		0	11.51	11.51		11.51	1297.7	**1297.75**		#5 rebar at Diamond Ballroom
DIAMOND												CL I-240 STA. 480+17.65 1980.08' RT.
O-55-1839												
B.M.45	1286.19	1286.2		0.01	-11.51	-11.5		-11.505	1286.195	**1286.25**		X on headwall, west of Eastern
												CL I-240 STA. 481+88.67 511.12 RT.
B.M.48	1268.63	1268.62		-0.01	-17.565	-17.575		-17.57	1268.625	**1268.68**		X on sign base, west of Eastern
												CL I-240 STA. 479+00.40 312.21' LT.
B.M.49	1259.74	1259.73		-0.01	-8.885	-8.895		-8.89	1259.735	**1259.79**		Square on top curb, SE
												parking lot of "Heartwood"
												CL I-240 STA. 470+91.46 178.33' LT.
B.M.50	1269.68	1269.67		-0.01	9.945	9.935		9.94	1269.675	**1269.73**		Square on manhole
												CL I-240 STA. 464+22.30 147.47 LT.
B.M.51	1290	1290.01		0.01	20.325	20.335		20.33	1290.005	**1290.06**		X on curb PI E & N
												CL I-240 STA. 453+21.36 317.36' LT.
B.M.52	1308.74	1308.77		0.03	18.735	18.765		18.75	1308.755	**1308.81**		X on curb, S. of lightpole
												E. of "MALL"
												CL I-240 STA. 445+65.52 308.74' LT.
B.M.53	1308.4	1308.42		0.02	-0.355	-0.335		-0.345	1308.41	**1308.47**		#5 rebar with cap
MALL												CL I-240 STA. 444+54.12 286.71' LT.
O-55-1841												
B.M.54	1300	1300.02		0.02	-8.41	-8.39		-8.4	1300.01	**1300.07**		X on curb at east parking
												lot of Texas Roadhouse
												CL I-240 STA. 439+31.47 209.30' LT.

B.M.56	1288.8	1288.82		0.02	-11.21	-11.19		-11.2	1288.81	**1288.87**		X on curb, south of
												Hibdon Tires Plus
												CL I-240 STA.433+68.62 541.94' LT.
B.M.57	1286.03	1286.03		0	-2.78	-2.78		-2.78	1286.03	**1286.09**		Square on top of headwall
												CL I-35 STA. 84+07.16 388.69' RT.
B.M.58	1289.4	1289.39		-0.01	3.37	3.36		3.365	1289.395	**1289.46**		X on curb of NW parking
												lot at Best Buy
												CL I-35 STA. 88+25.03 171.55' RT.
B.M.59	1285.56	1285.56		0	-3.835	-3.835		-3.835	1285.56	**1285.62**		Square on top of headwall
												CL I-35 STA. 94+25.50 13147' RT.
B.M.60	1295.68	1295.69		0.01	10.12	10.13		10.125	1295.685	**1295.75**		X on curb of west parking
												lot at Ramada Inn
												CL I-35 STA. 101+09.27 176.35' RT.
FIRESTONE	1300.22	1300.22		0	4.535	4.535		4.535	1300.22	**1300.28**	**1300.28**	Square on sidewalk at Firestone
												CL I-35 STA. 107+92.56 204.35' RT.

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	6	OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 29231(1) PROJECT NO. 0903(207) SHEET NO. SD07

OKLAHOMA COUNTY

SDS 07 OF 46

POINT NAME	NORTHING	EASTING	DESCRIPTION
504	145611.9996790	2148266.4140730	COGO
506	142972.3253440	2148283.0792870	COGO
1022	143095.2755021	2149393.7021930	COGO
1044	142332.6186671	2153644.4422758	COGO
1046	142202.1817155	2153570.3733778	COGO
1047	142176.1100374	2153718.0902272	COGO
1060	146336.8429785	2150804.6076882	COGO
1063	146371.2686553	2156534.0822654	COGO
1075	148068.1468087	2151061.5445917	COGO
1076	148285.8404	2151129.0452	COGO
1077	147212.3639	2150866.5764	COGO
1084	142998.6493000	2150824.6653000	COGO
1103	142996.3594000	2150824.6854000	COGO
1106	142997.2789000	2150921.6810000	COGO
1108	143080.9645000	2149516.7800000	COGO
1110	137720.1211000	2150967.8715000	COGO
1113	142908.7329000	2152103.9174000	COGO
1114	137741.7255788	2153604.2529799	COGO
1115	137730.9610749	2152290.6670853	COGO
1157	145654.2614000	2153554.6702000	COGO
1158	140333.2689000	2148302.8137000	COGO
1227	142980.1053000	2150921.8313000	COGO
1234	143085.7762000	2150024.3309000	COGO
1236	140221.1160000	2150051.4885000	COGO
1237	143046.6284000	2150524.2414000	COGO
1238	142944.5298000	2151134.4563000	COGO
1239	145770.0422000	2151607.2092000	COGO
1240	142905.3265000	2151627.7003000	COGO
1323	137519.4209520	2150872.6245422	COGO
1340	139019.3634940	2150859.4955498	COGO
1342	140019.3251888	2150850.7428963	COGO
1343	140164.9396108	2150849.4683349	COGO
1350	141019.2909597	2150841.9904370	COGO
1351	141519.2718074	2150837.6141518	COGO
1354	142019.2526552	2150833.2378665	COGO
1355	142519.2335030	2150828.8615813	COGO
1361	143519.2099033	2150821.5374945	COGO
1362	144019.2008779	2150818.5332824	COGO
1365	144519.1918526	2150815.5290702	COGO
1366	145019.1828272	2150812.5248580	COGO
1367	145519.1738018	2150809.5206458	COGO
1374	146019.1574427	2150806.5164597	COGO
2002	140358.8886930	2150944.9808600	COGO
2008	143016.2160130	2153569.9770520	COGO
2597	139619.3405109	2150854.2439577	COGO
3000	143333.6030708	2153381.4330393	COGO
3002	138270.2873765	2150963.1104757	COGO
3004	142594.6460508	2149933.8181041	COGO
3006	141697.3554499	2153578.5613684	COGO
3008	144693.3829653	2151592.4936368	COGO
3009	142210.8572100	2150291.6937337	COGO
3010	140378.4949950	2153587.1456840	COGO
3011	142688.3840237	2148819.3478677	COGO
3012	141636.0753683	2152550.7221760	COGO
3013	141778.3857108	2151757.3266501	COGO
3014	142687.2019373	2148694.3534571	COGO
3015	142708.7333957	2148681.6492727	COGO
3016	144756.5745657	2151199.1779980	COGO
3017	144630.8938715	2152091.0375352	COGO
3018	144617.8281014	2149032.0175988	COGO
3019	144828.8880584	2149252.2557280	COGO
3020	143377.9615083	2150164.9163007	COGO
3021	143377.4766294	2150166.5498250	COGO
3022	145857.5238094	2151899.6427839	COGO
3023	145448.9557042	2152431.7886520	COGO
3024	143391.0727474	2151726.2178107	COGO
3025	144476.6428873	2151975.8861107	COGO
3026	144214.1607808	2151281.7211066	COGO
3027	143453.6804149	2153064.4800356	COGO
3028	143327.5773890	2153375.2465369	COGO
3029	141757.4090468	2153039.4548281	COGO
3030	143194.6042331	2153522.7895904	COGO
3031	144211.0432632	2153098.0442135	COGO
3032	144261.3905192	2152620.8965659	COGO
3033	142743.8789367	2148261.0120488	COGO
3034	141756.9210286	2153037.4023054	COGO
3035	141646.9307728	2147849.5931637	COGO
3036	143423.5793892	2151128.8379725	COGO
3037	144361.2011329	2154527.8194461	COGO
3038	142735.5361120	2148261.6016704	COGO
3039	147213.8725296	2152980.5023452	COGO
3040	145638.9774980	2150905.8228450	COGO
3041	144386.1938470	2152493.0199174	COGO
3042	145423.6032108	2152791.8014682	COGO
3045	148296.8244480	2153543.9765170	COGO
3046	145669.7401110	2156206.9661630	COGO
3049	143034.9922310	2156217.6965760	COGO
3051	140395.1519620	2156230.2960210	COGO
3105	145578.6212470	2145619.0344230	COGO
3120	142947.5057340	2145642.3195790	COGO
3148	140307.6692360	2145664.2927180	COGO
3153	143788.6399325	2151322.8795422	COGO
3169	148284.7529460	2150889.9611330	COGO
3538	141277.9128020	2150313.7312458	COGO
3544	142161.8229449	2151448.3808990	COGO
3549	142316.8326322	2151611.9565352	COGO

POINT NAME	NORTHING	EASTING	DESCRIPTION
5000	145195.9391152	2153557.3295445	COGO
5001	146961.5832969	2150991.0166781	COGO
5002	146337.8764257	2150976.6045835	COGO
5003	143101.9943726	2155105.3611674	COGO
5004	143350.2731501	2155106.1403233	COGO
5005	143573.9672364	2155116.6321937	COGO
5006	143574.0791720	2155136.6618809	COGO
5007	143349.7757555	2155126.1414312	COGO
5008	143104.6669625	2155125.3722235	COGO
5009	144027.1294398	2150964.5904804	COGO
5010	144732.9205869	2150963.3409986	COGO
5011	144594.8958405	2150962.1367261	COGO
5012	143180.6115900	2146314.5078000	COGO
5013	143183.9295200	2146664.4920800	COGO
5014	143394.9307088	2145688.3618627	COGO
5015	146747.5857953	2150972.3889748	COGO
5016	144628.9181168	2151136.9526915	COGO
5017	144627.9936181	2150962.6834177	COGO
5018	143967.3603024	2150968.9785444	COGO
5019	143349.6794500	2148335.5583700	COGO
5020	146270.4618729	2150977.1597989	COGO
5021	143036.0759000	2151732.4340000	COGO
5022	143042.3243076	2151906.5734240	COGO
5023	143037.3980000	2151917.3293000	COGO
5024	143072.7734000	2151940.7577000	COGO
5025	143846.7771040	2150977.5924912	COGO
5027	143237.6125300	2148251.1910800	COGO
5028	143252.7162779	2145689.6204488	COGO
5029	143200.3044185	2145739.3648413	COGO
5030	143198.5388000	2146921.9101400	COGO
5031	143212.8642000	2147174.3255000	COGO
5032	143263.2360000	2147208.5880000	COGO
5033	146310.4611541	2150976.9199988	COGO
5034	145652.9745916	2153331.6539124	COGO
5037	143231.9324370	2147515.9604216	COGO
5041	143230.6425000	2147515.9731700	COGO
5043	138750.5913776	2150706.8314144	COGO
5044	138270.7950379	2151025.0183942	COGO
5049	138420.8880292	2151014.8062659	COGO
5050	137833.2067237	2151054.7913235	COGO
5051	137781.2292993	2151080.3919278	COGO
5052	137784.4026957	2151467.3789167	COGO
5055	143324.5198000	2148310.6655400	COGO
5057	142665.4932120	2147559.5863536	COGO
5059	140421.0329098	2150658.7724851	COGO
5060	140381.6410965	2150194.8408728	COGO
5061	139255.9471299	2150717.6518224	COGO
5062	143619.6628179	2156140.3157108	COGO
5063	143224.5612300	2148311.2712700	COGO
5064	143214.6379500	2148321.3387200	COGO
5065	141518.1339531	2150707.6189643	COGO
5066	141628.1297395	2150706.6561657	COGO
5067	141634.6155652	2150686.5981391	COGO
5068	141684.6136990	2150686.1605029	COGO
5069	141693.0916995	2150706.0091977	COGO
5070	141967.2513033	2150688.3672210	COGO
5071	142856.7518009	2147342.4327993	COGO
5072	142679.9849299	2145694.5480382	COGO
5074	139720.9360939	2150703.5768060	COGO
5075	144832.9569272	2150966.9227517	COGO
5076	145511.3259485	2150659.5703558	COGO
5077	145389.3740144	2150915.2641940	COGO
5078	144292.6981259	2151136.8320680	COGO
5079	144825.7294900	2150646.6078300	COGO
5082	144885.7476200	2150643.8435100	COGO
5083	144896.8563400	2150653.3426700	COGO
5084	145006.0285300	2150663.3185800	COGO
5085	144819.6972091	2150967.0003082	COGO
5088	146335.9417150	2150654.6101588	COGO
5091	143279.2480611	2147350.9760812	COGO
5092	143235.2473592	2147415.2494341	COGO
5093	143872.5007430	2147150.4656652	COGO
5097	143816.1017700	2148507.7075600	COGO
5102	143226.4013200	2148507.6127600	COGO
5120	143228.9121100	2148561.1749700	COGO
5121	143207.3523000	2148607.6082700	COGO
5122	143217.3528200	2148607.7030700	COGO
5123	143220.5996400	2148632.1302100	COGO
5124	143229.1192300	2148696.2264900	COGO
5125	143237.5799300	2148759.8796800	COGO
5126	143246.1008800	2148823.9861400	COGO
5127	143254.9089000	2148890.2524200	COGO
5128	143264.0355700	2148958.9159900	COGO
5129	143268.6813100	2148993.8677600	COGO
5130	143275.5027100	2149045.1878600	COGO
5131	143567.5515500	2149868.0379800	COGO
5132	145591.1178695	2150627.8966295	COGO
5133	143587.0598000	2149863.3581300	COGO
5134	143619.7569800	2149988.4989600	COGO
5135	143819.9845200	2150219.1127300	COGO
5136	143903.9258000	2150299.7017800	COGO
5137	144822.8655600	2150649.6327500	COGO
5138	143954.3085800	2150342.1222100	COGO
5139	144213.9033800	2150507.0432000	COGO
5140	144264.0095100	2150513.9661800	COGO
5141	144346.6531000	2150547.8060000	COGO

POINT NAME	NORTHING	EASTING	DESCRIPTION
5142	144399.4373300	2150547.2891900	GOGO
5143	144399.4824900	2150551.9013600	COGO
5144	144534.5711000	2150550.5787100	GOGO
5145	144585.3693300	2150628.2632600	GOGO
5146	145021.4953800	2150662.6075100	COGO
5147	145101.0885300	2150662.1292700	COGO
5148	145125.8610200	2150636.9903500	COGO
5149	145411.3278801	2150660.2009369	COGO
5150	145296.3301015	2150660.9157205	COGO
5151	145201.3319366	2150661.5061940	COGO
5152	145175.8602216	2150636.6640339	COGO
5153	145436.0827929	2150635.0465865	COGO
5154	145486.0821466	2150634.7358091	COGO
5155	142675.5064200	2153890.5436100	COGO
5156	142310.5108400	2153892.3404100	COGO
5157	142311.5131000	2154095.9348500	COGO
5158	143233.5541516	2147812.6229438	COGO
5159	142399.8988945	2156168.0671534	COGO
5160	142399.7204990	2156130.7275795	COGO
5161	142720.2988370	2155473.9501174	COGO
5162	141439.8981672	2154100.2944145	COGO
5163	141455.0006285	2156229.9608659	COGO
5164	142724.5349862	2154315.6837837	COGO
5165	142247.9006257	2156168.7926176	COGO
5166	142722.9622800	2154093.9093600	COGO
5169	143400.2046380	2156141.2094878	COGO
5171	142430.2484253	2153573.7010197	COGO
5172	137757.4036035	2151467.6003165	COGO
5174	142314.8008708	2153574.5424650	COGO
5175	142242.2934576	2153702.2915648	COGO
5176	142329.2503254	2153751.6108301	COGO
5177	142129.2345618	2153752.9123803	COGO
5178	141927.0830835	2153577.0660577	COGO
5179	140377.7529510	2153487.1484371	COGO
5180	141926.3470495	2153477.0688109	COGO
5181	141926.4583546	2153492.0683979	COGO
5182	142225.0218982	2150631.5265091	COGO
5183	142807.6954646	2150159.1444392	COGO
5184	141331.1969576	2150709.3501873	COGO
5185	142174.6769012	2150650.4046656	COGO
5188	142673.9434497	2153672.0398902	COGO
5189	142529.9466490	2153673.0195824	COGO
5190	144212.0372224	2151207.5278813	COGO
5191	143763.8441716	2150983.6856448	COGO
5192	143546.3945942	2151084.1652237	COGO
5193	143417.8619013	2151214.5958745	COGO
5194	143375.6439254	2151243.1903234	COGO
5195	143136.8135592	2151485.5473406	COGO
5196	142523.2313632	2153573.0221213	COGO
5197	142598.1489710	2153075.5602743	COGO
5198	142681.9785784	2145894.5350981	COGO
5199	142731.7628260	2152528.1469347	COGO
5200	142837.2694814	2145693.2388528	COGO
5202	141213.9877237	2151125.1607396	COGO
5203	142694.9844103	2145694.4231874	COGO
5204	140291.9070096	2151053.0000391	COGO
5205	142527.9901952	2145695.8131928	COGO
5206	139941.5427490	2150692.5337405	COGO
5207	140391.6407066	2150194.7525652	COGO
5208	142725.1883854	2151609.0355502	COGO
5209	142613.2479979	2151331.0635231	COGO
5210	142458.2383106	2151167.4878869	COGO
5211	142158.2486321	2151040.0303418	COGO
5212	141772.1367137	2151043.4099986	COGO
5213	141544.5271730	2151082.7703370	COGO
5214	138720.5128300	2150992.1163052	COGO
5215	143372.9096774	2155922.6774809	COGO
5216	138720.7836565	2151002.2016679	COGO
5217	138620.8730321	2151013.0698385	COGO
5218	139606.6727610	2150984.3599835	COGO
5219	144395.4760149	2150946.2745629	COGO
5220	144395.5360975	2150956.2743824	COGO
5221	141544.5271730	2151082.7703370	COGO
5222	144422.5356101	2150956.1121593	COGO
5223	139722.4848176	2150993.3467132	COGO
5224	140247.6965094	2151034.1018439	COGO
5225	143165.7353009	2155580.5097183	COGO
5226	143057.7117510	2154767.4846624	COGO
5227	143052.8786576	2154086.3461485	COGO
5228	140329.8333791	2151056.3010338	COGO
5229	143845.0725645	2150982.7312754	COGO
5230	143764.2480731	2150988.6723848	COGO
5231	143667.3180307	2151024.9549020	COGO
5232	143876.4486940	2151044.0261426	COGO
5233	142155.4535039	2153490.5778940	COGO
5234	145724.2997557	2150658.2852292	COGO
5235	145714.3476126	2150974.4124357	COGO
5236	144969.2943649	2150962.6651895	COGO
5238	145641.0645490	2151271.5941165	COGO
5239	145704.2611724	2150975.0029544	COGO
5240	145640.8750059	2151238.8028561	COGO
5241	145650.8750690	2151238.7427505	COGO
5242	142156.0842328	2153575.5755539	COGO
5243	142904.7458555	2149934.1661172	COGO
5244	142905.8654051	2149922.4494834	COGO

POINT NAME	NORTHING	EASTING	DESCRIPTION
5245	142634.0688271	2150324.8652622	COGO
5246	142174.8441901	2150668.0938746	COGO
5247	142905.6354699	2147276.5718298	COGO
5248	142895.8657950	2149922.5377908	COGO
5249	142894.7462454	2149934.2544247	COGO
5250	145674.1609169	2150643.5962590	COGO
5251	145661.5789597	2150365.6755357	COGO
5252	145671.5782387	2150365.6154547	COGO
5253	145679.2004848	2150648.5560292	COGO
5254	146269.6134660	2150977.0151749	COGO
5255	146309.6127440	2150976.7748445	COGO
5256	146927.1454571	2150987.2885471	COGO
5257	146929.6383669	2150962.4131496	COGO
5258	146986.0497322	2150993.5079175	COGO
5259	142953.8400002	2149818.0217805	COGO
5260	146943.4114240	2150988.9427243	COGO
5261	146963.4114600	2150991.0427764	COGO
5262	146914.9926572	2150699.7855171	COGO
5264	142923.8411700	2149818.2867029	COGO
5265	146992.3903405	2150678.7295025	COGO
5266	148209.3180116	2150857.3636665	COGO
5267	148234.0243649	2150832.2151752	COGO
5268	148236.7298925	2151337.8561292	COGO
5269	148156.7307107	2151338.2179386	COGO
5270	148159.1041458	2151863.0049411	COGO
5271	148388.5907099	2151748.9577395	COGO
5272	148386.8078804	2151354.7607387	COGO
5273	142924.8246658	2149922.2820524	COGO
5274	147850.6264440	2151823.0362075	COGO
5275	142877.9350822	2149722.6883673	COGO
5276	142878.1242160	2149742.6874730	COGO
5277	147851.7842673	2152015.7327213	COGO
5278	148634.3109753	2150854.7166337	COGO
5279	148317.3173169	2150856.7059827	COGO
5280	142953.1212916	2149742.0251671	COGO
5281	142571.5005869	2150385.6671916	COGO
5282	142538.1585716	2150452.9915988	COGO
5283	142468.1323612	2150529.1374251	COGO
5284	142920.8501628	2146317.5099141	COGO
5285	143352.8750226	2154084.8693206	COGO
5286	142700.1145914	2148049.1937343	COGO
5287	140393.5790442	2150394.6531678	COGO
5288	153639.4262333	2153486.2481954	COGO
5289	142800.9302778	2150151.7801845	COGO
5290	141335.1496742	2150704.3504109	COGO
5291	141631.0905130	2150273.7203256	COGO
5292	141233.8636237	2150705.2448771	COGO
5293	140394.2612927	2150465.9899055	COGO
5294	140680.2153683	2150673.3927638	COGO
5295	141233.7747538	2150695.1219327	COGO
5296	141335.0551073	2150694.3508581	COGO
5297	142917.9884857	2147822.2609349	COGO
5298	142889.9734847	2145742.7466717	COGO
5299	142898.1110913	2145892.7360829	COGO
5300	141035.0346520	2150693.6002337	COGO
5301	142619.4528365	2150324.9943373	COGO
5302	140277.8841816	2151047.0058490	COGO
5303	139606.5423492	2150994.9113802	COGO
5305	141616.2748500	2145860.4074819	COGO
5306	141638.0210248	2145703.2210063	COGO
5307	142126.0314287	2150656.0330675	COGO
5308	141673.2728755	2145859.9330493	COGO
5309	141673.3894028	2145873.9325643	COGO
5310	142166.3723253	2145869.8291384	COGO
5311	142564.3723579	2147438.7516661	COGO
5312	141645.0697105	2146453.1878829	COGO
5313	142912.0843762	2147677.3415860	COGO
5314	142908.3872446	2147587.6677675	COGO
5315	142912.2648860	2147092.6623043	COGO
5316	142727.2211872	2147539.0001347	COGO
5317	142906.0037790	2147529.8568802	COGO
5318	142856.1063857	2147496.0170481	COGO
5319	142919.4549223	2146892.5956441	COGO
5320	142924.5315929	2146709.2071424	COGO
5321	143763.3314694	2147807.7205430	COGO
5322	143763.5396688	2147830.2195797	COGO
5323	143748.5403110	2147830.3583793	COGO
5324	143748.4709112	2147822.8587003	COGO
5325	143483.4822566	2147825.3108261	COGO
5326	143483.5516564	2147832.8105050	COGO
5327	143468.5522986	2147832.9493046	COGO
5328	143468.4828988	2147825.4496257	COGO
5329	143748.4709112	2147822.8587003	COGO
5330	143525.9243113	2148279.5842175	COGO

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

SDS 08 OF 46

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD08

OKLAHOMA COUNTY

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
5331	145195.9421199	2153557.8049075	COGO
5332	143525.3691130	2148219.5867863	COGO
5333	143638.9220594	2148278.8708221	COGO
5334	144748.3220126	2153781.3588275	COGO
5335	143638.3668611	2148218.8733908	COGO
5336	143452.4357759	2148280.0481771	COGO
5337	143451.8592266	2148219.0709027	COGO
5338	143793.0339764	2148215.8450441	COGO
5339	143808.5055843	2148200.0780707	COGO
5340	143806.7848238	2148018.0862056	COGO
5341	143791.0178505	2148002.6145977	COGO
5342	143789.3277231	2147823.8625653	COGO
5343	143723.2241854	2147515.4675552	COGO
5344	143394.2258402	2147516.5110372	COGO
5345	143182.8040791	2146250.4746093	COGO
5346	144052.3410568	2146242.7792785	COGO
5347	144058.5659490	2146946.1634531	COGO
5348	141190.3998443	2151123.3147864	COGO
5349	141205.4039688	2151124.4889874	COGO
5350	141206.7818375	2151440.6759852	COGO
5351	141597.5781269	2151438.9729867	COGO
5352	141597.6434928	2151453.9728443	COGO
5353	141256.8467286	2151455.4579566	COGO
5354	141257.1408750	2151522.9573157	COGO
5355	141242.1410174	2151523.0226815	COGO
5356	141241.8468710	2151455.5233224	COGO
5357	141191.8473458	2151455.7412086	COGO
5358	141024.6865171	2151110.3463015	COGO
5359	140363.9695484	2151629.6820089	COGO
5360	141025.8114311	2151626.4040733	COGO
5361	141025.8857214	2151641.4038893	COGO
5362	140364.0838382	2151644.6816268	COGO
5363	141026.2921436	2151356.9710749	COGO
5364	141011.2922861	2151357.0364408	COGO
5365	141012.3689536	2151522.4129361	COGO
5367	141662.6750085	2152256.3259967	COGO
5368	141657.4290973	2151524.7648052	COGO
5369	141025.0970591	2151527.9379678	COGO
5370	141025.0280412	2151512.9381266	COGO
5371	141682.3260706	2151511.3286399	COGO
5372	140390.8699269	2151211.8749272	COGO
5373	140532.8681854	2151211.1716457	COGO
5374	140533.0507999	2151235.7809682	COGO
5375	140523.0509226	2151235.8304951	COGO
5376	140522.9425114	2151221.2208973	COGO
5377	140390.9441304	2151221.8746519	COGO
5378	140389.7478984	2151060.6569253	COGO
5379	140361.7854455	2151335.3501124	COGO
5380	140442.0444611	2151334.9526098	COGO
5381	140441.9701708	2151319.9527938	COGO
5382	140361.7411548	2151320.3501478	COGO
5387	142278.6861239	2153574.7776946	COGO
5388	142301.7711468	2153574.6272940	COGO
5389	142478.6526130	2153263.1351576	COGO
5390	142461.2610195	2153253.2593046	COGO
5392	141191.8995994	2151467.7415211	COGO
5393	141192.0341911	2151498.6512281	COGO
5394	141288.9529282	2151527.3200842	COGO
5395	141012.4355496	2151528.5241380	COGO
5396	141011.8835734	2151443.6959339	COGO
5397	141036.8179595	2151468.4141152	COGO
5398	140380.2500496	2153865.6401539	COGO
5399	141699.8804232	2153860.5996593	COGO
5400	142658.3034318	2153856.9388417	COGO
5401	142659.4268293	2153891.9408185	COGO
5402	142639.4269752	2153892.0172104	COGO
5403	142638.9454733	2153877.0149354	COGO
5404	141700.0123226	2153880.6013090	COGO
5405	141349.8829764	2153861.9365187	COGO
5406	141350.0090126	2153881.9361215	COGO
5407	140380.3760859	2153885.6397568	COGO
5408	142214.7745409	2153687.3273923	COGO
5409	142236.2843651	2153689.9509508	COGO
5410	142282.1029280	2153853.1822925	COGO
5411	142261.3630793	2153853.2615110	COGO
5412	145316.9981000	2150960.5779189	COGO
5413	145389.3122762	2150964.5643721	COGO
5414	144422.4742876	2150960.6323398	COGO
5415	144222.4791375	2150947.3139918	COGO
5416	145570.0514836	2150649.2117103	COGO
5417	143960.3344786	2151207.5771314	COGO
5418	143945.8745525	2151025.0221317	COGO
5419	145586.8394742	2150207.7490928	COGO
5420	144969.3596805	2150973.9850011	COGO
5421	145549.3587185	2150994.4569076	COGO
5422	145534.2973169	2150983.5770831	COGO
5423	143317.6347944	2151316.3029691	COGO
5424	143873.9972732	2151007.7915054	COGO
5425	143346.1736170	2151344.3303564	COGO
5426	139721.0233103	2150713.5764256	COGO
5427	144969.2758917	2150982.6943856	COGO
5428	140279.5054111	2150660.2256794	COGO
5429	140295.9625759	2150643.7681562	COGO
5430	143085.4465000	2152001.2923000	COGO
5431	143062.1751000	2152036.7663000	COGO
5432	143125.4360000	2152341.7138000	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
5433	143125.6911000	2152377.3929000	COGO
5434	143203.9219445	2152694.4589476	COGO
5435	143241.9989458	2152960.1664506	COGO
5436	143252.1153640	2153129.0641894	COGO
5437	143194.7025299	2153459.4122732	COGO
5438	143162.6445660	2153569.1274229	COGO
5439	143135.0557123	2153663.5412995	COGO
5440	143136.5811990	2153876.8758454	COGO
5441	142942.7443351	2148650.3113661	COGO
5442	142927.7450091	2148650.4535631	COGO
5443	142928.5033935	2148730.4499684	COGO
5444	142943.5027195	2148730.3077713	COGO
5445	142919.6434066	2147997.2531097	COGO
5446	142920.1162411	2148047.2508739	COGO
5447	142920.8254929	2148122.2475203	COGO
5448	142937.8247327	2148122.0867565	COGO
5449	145653.0123846	2153338.2038034	COGO
5450	142127.9074839	2150672.6776738	COGO
5451	140395.8743314	2150632.3420852	COGO
5452	139329.6324393	2150517.0252625	COGO
5453	144085.3846317	2154018.9631818	COGO
5454	143667.2971195	2155650.4067345	COGO
5455	143702.2968292	2155650.2641929	COGO
5456	143699.7176397	2155016.9694449	COGO
5457	143792.8307094	2154393.2312156	COGO
5458	143991.9497703	2154082.1033131	COGO
5459	140289.9351225	2150649.7957408	COGO
5460	139330.8332164	2150702.0213655	COGO
5461	139345.9248702	2150716.8480233	COGO
5462	144422.3386500	2150970.6315000	COGO
5463	139941.4456915	2150682.5242110	COGO
5464	139335.8353271	2150706.9356436	COGO
5465	138811.5203036	2150699.9957734	COGO
5466	139269.6544271	2150517.6389448	COGO
5467	139270.8545551	2150702.5350499	COGO
5468	139250.9828635	2150722.6858028	COGO
5469	139040.9939407	2150724.5078246	COGO
5470	139040.9614872	2150719.5079299	COGO
5471	138811.5874818	2150706.4754252	COGO
5472	138821.1365559	2150716.1703994	COGO
5473	138898.3193674	2150725.7522280	COGO
5474	138878.2876746	2150720.9267661	COGO
5475	138826.5194976	2150699.8402685	COGO
5476	138857.2357665	2150715.8555431	COGO
5477	138826.7424916	2150721.3491126	COGO
5478	138748.6676784	2150521.2813862	COGO
5479	144594.9535100	2150972.1375700	COGO
5480	137767.8099526	2150625.2457579	COGO
5481	138740.7605118	2150716.9947642	COGO
5482	144819.8906300	2150977.0158900	COGO
5483	137768.3854709	2150680.0397355	COGO
5484	137790.5399785	2150694.7885987	COGO
5485	138418.5436530	2150699.5313714	COGO
5486	138091.0814080	2150697.0583307	COGO
5487	138718.7079535	2150716.9624241	COGO
5488	144732.9782500	2150973.3418400	COGO
5489	144847.5644400	2150977.4061300	COGO
6000	142911.2208020	2156218.2873130	COGO
6001	143060.4394888	2147351.7472887	COGO
6002	143044.2256038	2145641.4636161	COGO
6003	142963.8700675	2147383.4138045	COGO
6004	143069.2629298	2148282.4672851	COGO
6005	142919.2241992	2153501.6085109	COGO
6006	143069.2629298	2148282.4672851	COGO
6007	145637.9858814	2150808.3057868	COGO
6008	140357.9461760	2150847.7781607	COGO
6009	139019.3634951	2150859.4956635	COGO
6010	139619.3405124	2150854.2441161	COGO
6011	143053.3885	2156607.9927	COGO
6012	143078.0171	2156905.8705	COGO
6013	142912.3093	2152603.9033	COGO
6014	142925.7294	2154805.1191	COGO
6015	142899.5246	2157103.6932	COGO
6016	142319.2379	2150830.6122	COGO
6017	141319.2700	2150839.3647	COGO
6019	138444.3850	2150864.5284	COGO
6020	143874.1949	2150819.4046	COGO
6021	144869.1766	2150813.4262	COGO
6022	145718.1629	2150808.3191	COGO
6051	142911.1942648	2156220.2961829	COGO
6052	142887.4140979	2158018.1858307	COGO
6105	142924.5263286	2154311.8497422	COGO
6106	85630.2125697	2154721.6782651	COGO
6107	142920.9935309	2155478.4909044	COGO
6236	142918.7468999	2153503.8815852	COGO
6240	143061.9203292	2147507.9502696	COGO
6241	143066.6602320	2148007.9278024	COGO
6244	143080.8799401	2149507.8604008	COGO
6247	142911.6985623	2152518.5190582	COGO
6248	142915.5281143	2153053.8930971	COGO
6249	142916.6010428	2153203.8892598	COGO
6329	142922.3233285	2154003.8687942	COGO
6330	144705.3631	2147894.3847	COGO
6331	145333.9250	2150686.2378	COGO
6332	145879.4980	2150682.7797	COGO
6333	146350.9383	2152647.9948	COGO
6334	146730.2164	2152778.6543	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
6335	148013.5352	2149617.4112	COGO
6336	141635.9753	2152550.5827	COGO
6337	141758.6676	2153035.4672	COGO
6338	142636.2127	2153220.4953	COGO
6339	143969.1590	2152010.9390	COGO
6340	143825.3560	2153985.6026	COGO
6341	142160.7894	2151448.3809	COGO
6342	142086.8279	2151762.2348	COGO
6343	142316.8366	2151613.0514	COGO
6344	141777.3488	2151757.3359	COGO
6345	141276.8667	2150313.7137	COGO
6346	142152.6115	2151467.6655	COGO
6347	143048.5302	2153403.2231	COGO
6348	143996.5493	2155268.9482	COGO
6349	142356.8091	2156248.1404	COGO
6350	142356.3688	2156204.0793	COGO
6351	144024.0236	2157134.8758	COGO
6352	141575.0705	2155118.8580	COGO
6353	143111.2203	2156217.7372	COGO
6354	143111.2203	2156217.7369	COGO
6355	142116.0911	2157104.4352	COGO
6356	139971.4863	2157235.2368	COGO
6357	143162.9737	2155832.6137	COGO
6358	143685.2239	2155512.6455	COGO
6359	145828.5173	2155361.8719	COGO
6360	154407.8474	2154340.0543	COGO
6361	143178.2003	2156598.5347	COGO
6362	141323.4077	2151161.3296	COGO
6363	141530.1914	2148081.3214	COGO
6364	143557.1717	2150021.8780	COGO
6365	143831.6717	2150294.2500	COGO
6366	144280.8280	2150913.3011	COGO
6367	144457.3315	2148774.3629	COGO
6368	144754.1149	2152861.1295	COGO
6369	144463.4872	2152847.7203	COGO
6370	144228.5790	2153860.6872	COGO
6371	143781.6644	2151129.8448	COGO
6372	143386.1797	2151031.2842	COGO
6373	143149.0025	2151068.6356	COGO
6374	143254.8219	2150732.2986	COGO
6375	143853.0110	2150050.4593	COGO
6376	143086.1216	2150535.1661	COGO
6377	143174.8210	2150912.1527	COGO
6379	143009.1760	2151061.5983	COGO
6380	142995.4835	2150587.3819	COGO
6382	142818.6217	2150736.7371	COGO
6383	142905.4273	2151113.6508	COGO
6385	143736.7179	2150916.7058	COGO
6386	141973.8091	2148885.4535	COGO
6387	141713.5534	2152690.2911	COGO
6388	141705.2404	2148870.5520	COGO
6389	142147.9451	2152023.8957	COGO
6390	142225.4172	2150389.1222	COGO
6391	142668.8542	2149965.2011	COGO
6392	143029.9289	2149986.5130	COGO
6393	142935.9859	2150209.0654	COGO
6394	142456.5707	2150667.2820	COGO
6395	142253.5445	2150749.6963	COGO
6396	143502.3189	2150054.8726	COGO
6397	144568.1126	2148510.0755	COGO
6398	143997.7548	2152360.4853	COGO
6399	143863.7661	2150378.9305	COGO
6400	143186.1800	2145640.2073	COGO
6401	142892.2896	2145642.7792	COGO
6402	143544.2060	2145637.0388	COGO
6403	143226.0743	2150585.9477	COGO
6404	142899.5886	2150825.5324	COGO
6405	142912.6797	2147400.2609	COGO
6406	145028.9717	2148594.8264	COGO
6407	141108.2377	2148751.6362	COGO
6408	142773.4435	2148446.5523	COGO
6409	146714.9196	2153796.2929	COGO
6410	147475.6452	2152504.9640	COGO
6411	146327.8591	2156409.6023	COGO
6412	147889.7540	2150303.2960	COGO
6413	145064.6501	2152580.1324	COGO
6414	146261.2704	2152572.9425	COGO
6415	145267.2329	2152862.9281	COGO
6416	143044.2284	2145641.7541	COGO
6417	143039.5414	2145147.3663	COGO
6418	143535.4895	2147195.7747	COGO
6419	142585.3894	2147507.7199	COGO
6420	146085.8607	2152857.9894	COGO
6421	145637.1605	2149823.2400	COGO
6422	142911.6986	2152518.5215	COGO
6423	142411.2265	2156220.6737	COGO
6424	143411.2163	2156216.1644	COGO
6425	142922.1862	2153984.6953	COGO
6426	142728.6774	2153986.9254	COGO
6427	143006.8555	2153981.6622	COGO
6428	145315.0154	2153385.4855	COGO
6429	145652.3227	2153218.6758	COGO
6430	142754.6198	2148259.8208	COGO
6431	145641.3027	2151308.7961	COGO
6432	148281.8565	2150629.0492	COGO
6433	148288.1146	2151629.0400	COGO
6434	145632.8756	2150308.8319	COGO
6435	140344.3985	2150347.8788	COGO
6436	140349.2465	2150847.8553	COGO
6437	140350.1890	2150945.0567	COGO
6438	140353.1779	2151347.8356	COGO
6439	143196.6485	2147307.0260	COGO
6440	142919.8975	2146017.2679	COGO
6441	146035.8817	2146140.7062	COGO
6442	142927.5220	2146200.7356	COGO
6443	142932.4847	2146724.2120	COGO
6444	143003.5201	2145936.2304	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
6445	142930.3397	2146893.4365	COGO
6446	148896.1183	2146580.1776	COGO
6447	148910.2031	2148050.6230	COGO
6448	139112.9373	2146760.4221	COGO
6449	140062.8618	2146227.8930	COGO
6450	141093.7469	2145954.3356	COGO
6451	142990.4184	2146178.3862	COGO
6452	142969.9626	2146351.5522	COGO
6453	142758.4442	2146326.5660	COGO
6454	142959.2697	2146397.5127	COGO
6455	142955.4924	2146408.2051	COGO
6456	145014.8410	2146186.8730	COGO
6457	143318.5936	2146531.7898	COGO
6458	143171.2215	2146167.8638	COGO
6459	143166.7977	2146634.4928	COGO
6460	143172.6818	2146045.3005	COGO
6461	143174.3079	2146878.4222	COGO
6462	140081.9633	2148245.2132	COGO
6463	143105.0679	2146204.9783	COGO
6464	143118.0314	2146409.7514	COGO
6465	143134.9073	2146553.3733	COGO
6466	143145.4053	2146596.6924	COGO
6467	143149.3848	2146607.3112	COGO
6468	143182.2355	2147914.7851	COGO
6469	143180.8825	2148104.9383	COGO
6470	143199.0877	2150025.2720	COGO
6471	142944.0411	2148120.6085	COGO
6472	142946.6236	2148218.0553	COGO
6473	142962.8080	2149925.2286	COGO
6474	140353.3134	2151822.6457	COGO
6475	142973.9626	2148359.2990	COGO
6476	142977.9419	2148369.9178	COGO
6477	142989.6984	2148416.1175	COGO
6478	142999.4593	2148485.4740	COGO
6479	143018.0109	2148733.5312	COGO
6480	140921.9258	2148810.9059	COGO
6481	143155.8771	2148209.8436	COGO
6482	143152.0997	2148220.5360	COGO
6483	143142.4251	2148264.0464	COGO
6484	143128.2763	2148407.9626	COGO
6485	143119.1986	2148612.9316	COGO
6486	140944.7777	2149336.5777	COGO
6487	140938.6419	2150720.6918	COGO
6488	140713.7420	2150709.3845	COGO
6489	140478.2238	2150683.5580	COGO
6490	140244.5917	2150681.8990	COGO
6491	140621.3541	2150716.9423	COGO
6492	140940.9273	2150964.6807	COGO
6493	140716.2041	2150979.9301	COGO
6494	140481.1849	2151009.8808	COGO
6495	140247.6679	2151015.6398	COGO
6496	140336.3215	2149873.1583	COGO
6497	140957.6433	2152874.4666	COGO
6498	143326.4878	2148282.1422	COGO
6499	140853.7929	2150766.0791	COGO
6500	140788.6398	2150760.4364	COGO
6501	140618.6290	2150741.7933	COGO
6502	140606.5685	2150737.1013	COGO
6503	140595.8439	2150729.2354	COGO
6504	145636.5344	2150666.8028	COGO
6505	145053.1750	2150670.3079	COGO
6506	144976.8538	2150672.2925	COGO
6507	146249.7950	2150663.1180	COGO
6508	146410.5411	2150668.9258	COGO
6509	141652.2095	2147849.5462	COGO
6510	142223.0052	2150307.7366	COGO
6511	144561.4456	2150771.7757	COGO
6512	144566.1155	2150771.7476	COGO
6513	144868.2658	2150754.5384	COGO
6514	144984.3001	2150745.5617	COGO
6515	145336.3593	2150711.1190	COGO
6516	145346.5547	2150707.8130	COGO
6517	145359.0769	2150700.4826	COGO
6518	142844.6079	2150590.1194	COGO
6519	145854.8320	2150697.5039	COGO
6520	145867.1285	2150704.5051	COGO
6521	145878.0604	2150707.7383	COGO
6522	146460.7450	2150741.2951	COGO
6523	146623.4523	2150757.6780	COGO
6524	146735.2762	2150773.7989	COGO
6525	142765.5493	2151062.6006	COGO
6526	144879.2844	2150955.3656	COGO
6527	145255.7576	2150953.1036	COGO
6528	142604.7240	2149928.6225	COGO
6529	146065.6982	2150948.2369	COGO
6530	146330.9734	2150946.6430	COGO
6531	146608.2221	2150939.5305	COGO
6532	145375.5421	2150956.1427	COGO
6533	145572.1751	2150967.3119	COGO
6534	145704.0021	2150967.2049	COGO
6535	145965.7557	2150951.9107	COGO
6536	146775.6707	2150697.5511	COGO
6537	147688.3138	2150843.8834	COGO
6538	147753.7085	2150859.8681	COGO
6539	147893.1966	2150878.2437	COGO
6540	148284.5745	2150873.8921	COGO
6541	148286.6956	2151317.0767	COGO
6542	148171.3450	2151252.8640	COGO
6543	147804.6215	2151110.8596	COGO

DESCRIPTION	REVISIONS	DATE

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD09

OKLAHOMA COUNTY

SDS 09 OF 46

Preliminary Plans

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
6544	147377.2992	2151009.1314	COGO
6545	146697.9714	2150931.5540	COGO
6546	143028.0889	2151733.8449	COGO
6547	147672.0887	2151053.6550	COGO
6548	147544.7967	2151017.2920	COGO
6549	147342.6575	2150949.6074	COGO
6550	147336.6247	2150967.6242	COGO
6551	146912.5656	2150877.5204	COGO
6552	144545.1966	2150685.7864	COGO
6553	141677.2836	2150714.2265	COGO
6554	141973.4268	2150696.2709	COGO
6555	144298.1055	2150688.7962	COGO
6556	144468.7364	2150687.7709	COGO
6557	142263.1581	2150663.5783	COGO
6558	143304.9437	2150276.0760	COGO
6559	143579.4435	2150548.4484	COGO
6560	143787.3969	2150649.6031	COGO
6561	143925.3006	2150666.7851	COGO
6562	144752.2538	2150951.2604	COGO
6563	144579.0617	2150940.7605	COGO
6564	144452.0120	2150937.2948	COGO
6565	144211.3663	2150935.8489	COGO
6566	144020.0781	2150943.3946	COGO
6567	143755.6014	2150962.6946	COGO
6568	143526.5975	2151068.4955	COGO
6569	143131.1121	2151479.9357	COGO
6570	142915.2749	2153018.4940	COGO
6571	142914.0589	2152848.4984	COGO
6572	142784.0622	2152849.4282	COGO
6573	142865.0040	2153749.7223	COGO
6574	142480.9001	2153383.2928	COGO
6575	142861.2069	2153218.8859	COGO
6576	142852.0661	2150187.5772	COGO
6577	142632.4452	2153116.4276	COGO
6578	142781.8660	2152542.3861	COGO
6579	142681.2611	2153020.1679	COGO
6580	143240.2173	2153074.9912	COGO
6581	143152.3521	2152704.7340	COGO
6582	143040.1733	2153754.4171	COGO
6583	143190.9323	2153016.5222	COGO
6584	143132.7351	2153440.0404	COGO
6585	143040.0327	2152231.4286	COGO
6586	142775.1949	2151609.7699	COGO
6587	143014.2534	2152017.7663	COGO
6588	143012.8229	2151817.7714	COGO
6589	142470.3461	2150566.6923	COGO
6590	143006.8669	2153991.4573	COGO
6591	142973.5321	2153403.7572	COGO
6592	143120.4766	2153424.4063	COGO
6593	142649.5476	2151297.7635	COGO
6594	142493.4960	2151133.0884	COGO
6595	142850.7483	2151756.7733	COGO
6596	142641.3389	2151236.7619	COGO
6597	142531.1322	2151120.4651	COGO
6598	142156.7775	2150990.0285	COGO
6599	141770.6623	2150993.4081	COGO
6600	141527.1081	2151035.5257	COGO
6601	141217.7631	2151075.3830	COGO
6602	140350.6568	2151008.0977	COGO
6603	140241.2174	2150935.9365	COGO
6604	141555.3805	2150959.3011	COGO
6605	142156.4624	2150954.0399	COGO
6606	140720.9889	2150888.1031	COGO
6607	141288.2754	2150936.1789	COGO
6608	141555.2667	2150946.3016	COGO
6609	141145.5900	2151069.7825	COGO
6610	143191.9148	2150615.1243	COGO
6611	141321.6579	2150961.3373	COGO
6612	143311.2171	2156216.5716	COGO
6613	143176.6792	2155758.5443	COGO
6614	143042.1412	2155300.5169	COGO
6615	143192.7576	2156664.8885	COGO
6616	143069.3707	2157111.8743	COGO
6617	142511.2254	2156220.1964	COGO
6618	142582.6137	2155933.8798	COGO
6619	142696.8096	2155721.2213	COGO
6620	142844.6891	2155214.8201	COGO
6621	142882.3266	2154716.8604	COGO
6622	142605.9392	2156541.2968	COGO
6623	142719.2283	2156718.2125	COGO
6624	142830.9630	2157060.8391	COGO
6625	142836.2103	2157215.7914	COGO
6626	142842.3215	2158115.9006	COGO
6627	143266.3435	2155957.2135	COGO
6628	143163.4587	2155957.6128	COGO
6629	143043.0271	2155867.7964	COGO
6630	142997.9835	2155714.2468	COGO
6631	142970.7898	2155562.9075	COGO
6632	142964.0988	2155408.0108	COGO
6633	142949.5915	2154507.4277	COGO
6634	142948.9806	2154422.0198	COGO
6635	142949.6329	2154192.8546	COGO
6636	142948.3050	2154007.2193	COGO
6637	143279.5837	2156448.1402	COGO
6638	143177.6229	2156448.5358	COGO
6639	143028.7277	2156585.9674	COGO
6640	142976.9285	2157202.0536	COGO
6641	142943.2003	2157603.2082	COGO
6642	143153.4000	2150733.8074	COGO
6643	143298.5751	2150705.4157	COGO
6644	143119.4141	2150495.6564	COGO
6645	143069.7619	2150635.8849	COGO
6646	143073.1298	2150913.5169	COGO
6647	143219.4020	2150937.9175	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
6648	143018.7604	2151109.2906	COGO
6649	143016.5705	2150961.8249	COGO
6650	142837.5489	2150915.5789	COGO
6651	142693.0485	2150943.1327	COGO
6652	142872.2095	2151152.8920	COGO
6653	142922.1852	2151013.4926	COGO
6654	142920.1689	2150735.8489	COGO
6655	142774.2084	2150710.8374	COGO
6656	142974.8501	2150539.4644	COGO
6657	142976.7222	2150687.5396	COGO
6658	143028.9631	2149886.0896	COGO
6659	143019.9226	2150035.8169	COGO
6660	142964.3351	2150167.5044	COGO
6661	142544.2397	2145645.6763	COGO
6662	147128.1987	2150795.2068	COGO
6663	147647.8385	2150863.7435	COGO
6664	147565.9896	2150864.0401	COGO
6665	147645.5052	2150878.5574	COGO
6666	147904.0104	2150901.1789	COGO
6667	147964.7893	2150900.8138	COGO
6668	147895.6423	2149508.4761	COGO
6670	142863.3533	2150278.4218	COGO
6671	142529.1846	2150597.9061	COGO
6672	142413.7535	2150693.6957	COGO
6673	142302.6577	2150738.7928	COGO
6674	142153.1201	2150750.5616	COGO
6675	141919.4218	2150768.3633	COGO
6676	141721.9566	2150780.3379	COGO
6677	141542.7016	2150788.5582	COGO
6678	141399.9150	2150795.1572	COGO
6679	141390.5253	2150795.2394	COGO
6680	141560.0507	2150787.1042	COGO
6681	141702.8373	2150780.5052	COGO
6682	142005.1576	2150758.6874	COGO
6683	142136.8008	2150750.7044	COGO
6684	141252.4962	2150791.4558	COGO
6685	143140.8879	2149983.1129	COGO
6686	143152.7655	2150132.6419	COGO
6687	143202.7522	2150251.0751	COGO
6688	143301.6035	2150363.8955	COGO
6689	144411.5434	2150766.3597	COGO
6690	144124.4942	2150743.8557	COGO
6691	143988.0122	2150738.9245	COGO
6692	143941.1131	2150739.2063	COGO
6693	143791.4181	2150729.6460	COGO
6694	143669.9076	2150680.0193	COGO
6695	143556.3197	2150582.0510	COGO
6696	144242.7960	2150872.2870	COGO
6697	144219.3265	2150872.4281	COGO
6698	142942.4647	2148387.1017	COGO
6699	141042.9141	2148188.9352	COGO
6700	142951.1777	2148110.8801	COGO
6701	144021.6216	2150885.2625	COGO
6702	143967.2201	2150892.0234	COGO
6703	143832.7631	2150900.7508	COGO
6704	143826.3132	2150900.7895	COGO
6705	143676.7437	2150912.1456	COGO
6706	143556.0621	2150963.0776	COGO
6707	143443.5820	2151062.3159	COGO
6708	143117.9174	2151392.7863	COGO
6709	143020.3373	2151506.7079	COGO
6710	142971.2870	2151627.5936	COGO
6711	142961.8980	2151777.2995	COGO
6712	144377.1442	2150866.1130	COGO
6713	144392.9658	2150864.7516	COGO
6714	144527.3140	2150858.5776	COGO
6715	144536.2236	2150858.4981	COGO
6716	144703.5228	2150864.4310	COGO
6717	145257.4997	2150910.1306	COGO
6718	145267.8300	2150913.3720	COGO
6719	145280.3959	2150920.5266	COGO
6720	143006.9661	2154005.3222	COGO
6721	142544.2397	2145645.6763	COGO
6722	142479.5438	2151068.0258	COGO
6723	142231.4596	2150953.3835	COGO
6724	142226.1006	2151294.5984	COGO
6725	142228.6858	2153989.8391	COGO
6726	143185.7268	2147090.0302	COGO
6728	143204.3943	2147304.4828	COGO
6729	143[illegible]00.5[illegible]	2152997.0312	COGO
6730	143[illegible]3.6021	2148423.2686	COGO
6731	146041.2629	2148396.1109	COGO
6732	143[illegible]9.2685	2148328.6447	COGO
8001	146312.2486436	2151234.9138830	COGO
8007	143116.5188223	2151508.9391270	COGO
8013	144704.8474071	2153690.5186116	COGO
8014	144662.5879660	2153599.8867207	COGO
8015	144047.8216716	2153904.8972604	COGO
8016	144028.4956262	2153806.7825114	COGO
8017	145641.3448978	2151316.1160151	COGO
8020	144143.4689371	2146918.1491395	COGO
8021	143315.7506400	2149358.5211200	COGO
8022	142727.4608199	2146596.1836774	COGO
8023	142327.8479439	2149927.5540073	COGO
8024	145550.4635976	2151163.6378551	COGO
8025	145390.4662609	2151164.5610429	COGO
8026	145551.3172213	2151316.6595884	COGO
8028	144883.5389797	2151003.2237650	COGO
8029	144884.7222051	2151198.4001785	COGO
8030	144971.3574012	2151320.2092377	COGO
8031	144871.5179063	2151255.8388393	COGO
8032	142168.7998517	2150028.9624550	COGO
8033	144681.0689459	2151240.4761774	COGO
8034	144596.4973405	2151239.6921058	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8035	144832.3000188	2151270.6655256	COGO
8036	143125.5663000	2152359.9353000	COGO
8037	144079.7632700	2150431.8785300	COGO
8038	142937.9324199	2148134.6175973	COGO
8039	143920.6542400	2150181.9504000	COGO
8040	141678.8272693	2151050.3583679	COGO
8041	144713.7328719	2151242.5548390	COGO
8042	144101.0815200	2150445.1494800	COGO
8043	143183.1465951	2146240.4711864	COGO
8044	144197.9732057	2151357.1766093	COGO
8045	144133.7143493	2151395.0470347	COGO
8046	144064.7583774	2151441.7085985	COGO
8047	144015.7543487	2151435.3543024	COGO
8048	143939.8912099	2151001.3687401	COGO
8049	143963.8891102	2151299.9519059	COGO
8050	143899.0684582	2151304.2962749	COGO
8051	145563.7769588	2151751.2311822	COGO
8052	145564.6285247	2151901.3047662	COGO
8053	145553.7771476	2151751.2926271	COGO
8054	142726.4567876	2151786.6296248	COGO
8055	144062.2521695	2146232.6911744	COGO
8056	143116.0877000	2151508.5268000	COGO
8058	144636.3287409	2153560.5765975	COGO
8059	142562.4664403	2146597.5570369	COGO
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8061	143271.1564551	2152[illegible]6.1[illegible]737	COGO
8062	143325.8559205	2152963.8703423	COGO
8063	143630.1412026	2153130.1507941	COGO
8064	143676.5229809	2153124.8026783	COGO
8065	143785.4394855	2152902.7969550	COGO
8066	143780.2577760	2152845.7715867	COGO
8069	146283.0062519	2153552.1258527	COGO
8070	142712.3455208	2146958.9678337	COGO
8071	143697.9716963	2152480.9261155	COGO
8072	142377.2775139	2146897.5385287	COGO
8073	142383.0331887	2147497.8514926	COGO
8075	143112.4178000	2152278.9599000	COGO
8076	140939.4764377	2151103.6935359	COGO
8079	144068.6372235	2146942.8733638	COGO
8080	141379.4019627	2152689.3023691	COGO
8081	140941.4918770	2151357.5770452	COGO
8082	143601.8881712	2152194.5029504	COGO
8083	143414.8173400	2147311.3030800	COGO
8084	147223.7180660	2152990.2300313	COGO
8086	143416.7534100	2147514.1338400	COGO
8087	141953.8758225	2148247.5132865	COGO
8088	143350.9590500	2148560.4692500	COGO
8089	140951.4917521	2151357.5270655	COGO
8090	143351.3500400	2148629.1925600	COGO
8091	143446.1040100	2148948.5985800	COGO
8093	143310.5000757	2151309.2961095	COGO
8095	145632.3058892	2152086.9054294	COGO
8096	143884.4083828	2151653.5827671	COGO
8097	144191.9676501	2153670.1062603	COGO
8098	142922.4953686	2146492.5567111	COGO
8099	144882.6648700	2150328.9921300	COGO
8100	142907.4960311	2146492.6976848	COGO
8101	142909.0937332	2146662.6901768	COGO
8102	143407.1841588	2151888.3987892	COGO
8104	143262.7686832	2153117.6135829	COGO
8105	145726.9064512	2152200.6800787	COGO
8106	140952.6733714	2151522.7728409	COGO
8107	143204.2987896	2153462.2184181	COGO
8108	143964.5710049	2151475.3644741	COGO
8109	143322.5583408	2151705.9839525	COGO
8110	143770.1434412	2151928.4933627	COGO
8111	143878.8452992	2151005.3762230	COGO
8112	143949.2990343	2148625.5646358	COGO
8113	143351.3638800	2148630.9912300	COGO
8114	143969.5663037	2151531.4825870	COGO
8115	143145.0715561	2153664.9229499	COGO
8116	143860.3613238	2151702.3569750	COGO
8119	143587.5128095	2151581.3445847	COGO
8120	143760.4734119	2152193.8517296	COGO
8121	147279.4739923	2152689.1483024	COGO
8122	145508.0460052	2152448.7629480	COGO
8123	143806.8910391	2151898.0811275	COGO
8126	142924.0930707	2146662.5492031	COGO
8127	143589.6649318	2151342.3124486	COGO
8128	145181.4604232	2152450.4616867	COGO
8129	145796.3851449	2152531.5913280	COGO
8130	145180.6581893	2152296.2307731	COGO
8131	143283.2783661	2153095.5689689	COGO
8136	143787.9879082	2152017.8502937	COGO
8137	143767.4854120	2153459.8111232	COGO
8138	144442.2632857	2153628.2868227	COGO
8139	142555.5119103	2146496.0413383	COGO
8140	146323.0059244	2153551.9639857	COGO
8141	143739.3957627	2152292.1430940	COGO
8142	147249.0010724	2152834.2077196	COGO
8143	143354.2068300	2148683.9974900	COGO
8146	143343.2773308	2153095.2164900	COGO
8147	146951.7507763	2153549.4196384	COGO
8150	143233.6951253	2147827.6222814	COGO
8152	143548.6111839	2153192.2637613	COGO
8153	143553.8865162	2153238.6346549	COGO
8154	143372.2523336	2153386.1643932	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8155	143231.6450681	2153301.7618350	COGO
8156	142651.0499433	2147084.8362260	COGO
8157	143361.7295000	2148736.5013600	COGO
8158	144361.5081045	2153650.2934289	COGO
8159	143729.6514347	2152289.8734916	COGO
8160	143716.2927965	2152358.1996414	COGO
8161	143726.5727522	2152358.1694372	COGO
8162	142622.4273344	2147210.7795734	COGO
8166	142623.5480879	2147350.7750873	COGO
8167	142429.9601161	2147385.7006484	COGO
8168	142909.4553964	2147613.5757577	COGO
8169	143226.8690874	2151972.7925246	COGO
8171	143600.1306322	2151959.1396655	COGO
8172	143673.9171927	2151971.4472083	COGO
8173	143764.8101487	2151989.7630201	COGO
8174	142763.5545285	2147660.2117674	COGO
8175	143373.8369000	2148788.0040800	COGO
8176	143390.5889000	2148838.6072300	COGO
8177	143411.6284400	2148887.2093600	COGO
8178	143436.8949200	2148933.7783000	COGO
8179	143469.7476800	2148985.4055000	COGO
8180	143462.2020400	2149019.9345300	COGO
8181	143457.1141000	2149023.1956800	COGO
8182	143363.1955800	2149196.8072900	COGO
8183	143567.2373827	2149194.9782900	COGO
8184	143414.2418000	2149059.9912400	COGO
8185	143385.7631300	2149101.7346000	COGO
8188	145002.6995100	2150323.3096200	COGO
8190	145002.7436300	2150327.8164400	COGO
8192	143368.7849000	2149147.5823600	COGO
8193	143363.1908000	2149196.1075800	COGO
8194	143363.6818800	2149248.1034800	COGO
8195	143364.2030700	2149303.0801500	COGO
8197	143364.7242500	2149358.0568400	COGO
8198	143365.2454200	2149413.0308800	COGO
8199	143365.2591000	2149414.4734600	COGO
8200	144106.4245355	2149407.3154468	COGO
8202	143787.4200700	2150181.6063500	COGO
8203	143367.8121000	2149469.1697200	COGO
8204	143374.4337100	2149523.8415800	COGO
8205	143378.8141700	2149548.5974200	COGO
8206	143788.5445400	2150182.9014700	COGO
8207	143842.7932100	2150242.3646300	COGO
8208	144904.7909212	2152297.6657000	COGO
8209	143915.4737000	2150241.6756100	COGO
8210	143975.8393000	2150240.8658800	COGO
8211	143369.1139100	2149524.6869500	COGO
8212	143349.1504100	2149470.7283600	COGO
8215	143330.7635100	2149413.4294200	COGO
8218	140363.1907341	2151525.7190900	COGO
8221	143303.2096700	2149303.6583800	COGO
8222	143293.0535900	2149248.7730200	COGO
8223	143285.3782800	2149195.0758700	COGO
8225	143278.7421300	2149126.1422300	COGO
8226	143474.8778400	2149736.0596300	COGO
8227	143552.5268900	2149848.8065300	COGO
8228	144077.8832900	2150239.8667700	COGO
8230	143959.3355300	2150323.7305800	COGO
8231	145122.7782700	2150322.1339300	COGO
8232	142716.6251248	2147679.0405206	COGO
8233	143833.1829300	2149804.3155600	COGO
8234	143786.7217100	2150107.9412800	COGO
8235	146971.7506125	2153549.3387049	COGO
8236	145651.7199216	2153114.2075321	COGO
8237	144079.3569700	2150390.3803800	COGO
8238	144212.7483500	2150389.0743500	COGO
8240	144213.2866200	2150444.0508800	COGO
8241	144213.8249000	2150499.0274100	COGO
8242	144263.7908900	2150491.6378200	COGO
8243	145648.3012417	2152521.7173950	COGO
8244	144398.8795000	2150490.3151700	COGO
8245	144585.1929700	2150610.2507200	COGO
8246	144705.2103400	2150602.8040300	COGO
8247	144705.2717300	2150609.0750400	COGO
8248	144705.6156200	2150644.1976500	COGO
8249	144825.2891000	2150601.6283400	COGO
8250	144834.1612986	2152369.0339261	COGO
8251	145295.4127103	2150590.3700599	COGO
8252	145295.4232841	2150591.4500150	COGO
8253	145294.8252764	2150530.3725522	COGO
8254	145294.8358502	2150531.4525073	COGO
8255	145174.8322189	2150531.6690663	COGO
8256	145175.4196490	2150591.6661906	COGO
8257	145485.1647766	2150541.0403000	COGO
8258	145485.7032542	2150596.0376639	COGO
8259	145435.0547902	2150530.0516189	COGO
8260	145435.6422203	2150590.0487432	COGO
8261	145125.4693999	2150596.9922671	COGO
8262	140333.1911088	2151525.8690289	COGO
8263	145124.9309224	2150541.9949032	COGO

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DIST. NO.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS

DESCRIPTION	DATE

SDS 10 OF 46

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SDIO

OKLAHOMA COUNTY

Preliminary Plans

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8265	142331.4507539	2150308.5169716	COGO
8266	145005.3859794	2150597.6917255	COGO
8269	145004.8475018	2150542.6943616	COGO
8270	145005.4349319	2150602.6914859	COGO
8271	145004.8964543	2150547.6941219	COGO
8272	144885.3559999	2150603.8504571	COGO
8273	144884.8175223	2150548.8530932	COGO
8274	144824.7506224	2150546.6309760	COGO
8275	142172.5358119	2150424.0047897	COGO
8276	144704.6718624	2150547.8066660	COGO
8277	144704.7332524	2150554.0776760	COGO
8278	144584.6544924	2150555.2533560	COGO
8279	144398.9440124	2150496.9039960	COGO
8280	144534.0326224	2150495.5813460	COGO
8281	142555.0381882	2146445.6136018	COGO
8282	142729.7578613	2152247.9537050	COGO
8283	140380.4781887	2153901.8415735	COGO
8284	141696.6233930	2153478.5640565	COGO
8285	141684.2956562	2151794.6231802	COGO
8286	139270.5192614	2150987.3021912	COGO
8287	139281.0736930	2152274.3861573	COGO
8288	139601.0616382	2152271.6085767	COGO
8289	138281.1113644	2152283.0660966	COGO
8291	139590.5070169	2150984.5014754	COGO
8292	140368.6924467	2152266.1444859	COGO
8293	141687.6742888	2152256.1363070	COGO
8294	137731.1320837	2152287.8400633	COGO
8295	137764.1308405	2152287.5536253	COGO
8296	143619.5973827	2156215.3156823	COGO
8297	143669.5969681	2156215.1120513	COGO
8298	143620.0903279	2155650.3158973	COGO
8299	143595.0903374	2155650.2940856	COGO
8300	145646.5670334	2152221.1623981	COGO
8301	145646.3362365	2152181.1630640	COGO
8305	145640.9028146	2151239.4987393	COGO
8306	147272.6892203	2152735.0681813	COGO
8307	143796.1057251	2152027.6876269	COGO
8308	145639.1686062	2150938.9437425	COGO
8309	142328.7936130	2150027.5495357	COGO
8310	142717.0979594	2147729.0382849	COGO
8311	143214.2571571	2151912.0888244	COGO
8312	143686.1635427	2151910.6687013	COGO
8313	142661.1435852	2147094.7525562	COGO
8314	142664.0680379	2147405.9088136	COGO
8315	143668.6336794	2156158.1201916	COGO
8316	142314.6123546	2148528.0297330	COGO
8317	142313.1938510	2148378.0364404	COGO
8319	142938.7473108	2148222.1138026	COGO
8320	142791.7538840	2148223.5039362	COGO
8321	142790.9264236	2148136.0078488	COGO
8322	142939.4565626	2148297.1104490	COGO
8324	142748.7558068	2148223.9105739	COGO
8325	142940.1658144	2148372.1070953	COGO
8327	142513.1849079	2148376.1451022	COGO
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8331	146270.2572653	2150935.1602972	COGO
8332	146310.2565464	2150934.9204972	COGO
8336	142325.9566058	2149727.5629504	COGO
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8338	142505.9522475	2147611.3593015	COGO
8339	142306.5645270	2147677.0477868	COGO
8348	142317.4464997	2148827.7059539	COGO
8349	141667.4718443	2148833.4459382	COGO
8353	141667.7082616	2148858.4448203	COGO
8354	142317.6829169	2148852.7048360	COGO
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8358	142944.5629867	2148837.0656464	COGO
8360	142935.9328207	2149721.8759368	COGO
8361	142932.4643902	2149355.1223371	COGO
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8363	142453.1412247	2149344.3547009	COGO
8364	142932.3225399	2149340.1230079	COGO
8365	142932.1501444	2149321.8938230	COGO
8367	142949.1494815	2149321.7437003	COGO
8368	142945.3668053	2148922.0618322	COGO
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8370	142927.4217991	2148822.2164265	COGO
8371	142944.4211362	2148822.0663038	COGO
8372	146941.3452055	2150931.1370519	COGO
8373	142350.9556310	2149727.3421818	COGO
8374	142349.0642929	2149527.3511249	COGO
8375	145839.7119	2150507.6158	COGO
8376	145784.9172	2150507.9443	COGO
8377	142321.7010949	2149277.5830585	COGO
8378	146961.3448461	2150931.0171519	COGO
8379	142922.0254562	2146442.5589193	COGO
8380	142697.9970639	2147824.2036988	COGO
8381	142699.6417573	2147999.1959700	COGO
8383	142921.7477847	2148222.2432558	COGO
8384	142944.3740418	2148817.0871969	COGO
8387	141633.1378865	2150490.2106447	COGO
8389	141333.1495841	2150492.8598683	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8390	146942.5377295	2151231.2046823	COGO
8391	142331.6306202	2150327.5361211	COGO
8393	146943.7302535	2151531.2723127	COGO
8394	146943.8892196	2151571.2719968	COGO
8395	146945.0817436	2151871.3396271	COGO
8396	146946.2742676	2152171.4072575	COGO
8397	146946.4332337	2152211.4069416	COGO
8399	141678.8189576	2150033.2895201	COGO
8400	142323.2881027	2146047.6689934	COGO
8401	141331.1022105	2150276.3695492	COGO
8402	141031.1139081	2150279.0187727	COGO
8403	142667.9982337	2147824.4686212	COGO
8404	142667.0998480	2147729.4728692	COGO
8405	142914.1902132	2147727.2907920	COGO
8406	146947.4551076	2152468.5349111	COGO
8407	141641.3117272	2146053.3455425	COGO
8408	146948.3453178	2152692.5331421	COGO
8409	142696.9780588	2145894.4102473	COGO
8410	141032.1541440	2150389.0138540	COGO
8411	140678.2302198	2150463.4821505	COGO
8414	142316.9027220	2149827.6530457	COGO
8415	142326.9022748	2149827.5584788	COGO
8416	142317.9429572	2149937.6481271	COGO
8417	143827.3703429	2153376.0673680	COGO
8418	142319.9974003	2145697.5444571	COGO
8419	143844.9790091	2153396.6071487	COGO
8421	142756.3762961	2147636.2644715	COGO
8422	144335.2205261	2153553.8104603	COGO
8423	144360.4971179	2152953.8693342	COGO
8424	145089.1273987	2153272.1682054	COGO
8425	144836.7802244	2153397.8340180	COGO
8426	144650.7353752	2153468.5886848	COGO
8427	145698.9535234	2152870.8737313	COGO
8428	145551.1670340	2153048.3120693	COGO
8429	140292.7685414	2150314.3676414	COGO
8430	139937.9092567	2150317.8119781	COGO
8431	139629.6159216	2150513.8771896	COGO
8432	139729.6104157	2150512.8278320	COGO
8433	139939.7788433	2150510.6222921	COGO
8434	139429.6269334	2150515.9759049	COGO
8435	139630.9182716	2150714.5220018	COGO
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8441	144131.3793738	2145631.8423946	COGO
8442	144836.2151917	2152763.8985844	COGO
8443	144468.3501681	2152765.8120387	COGO
8444	144443.4807808	2152790.9414955	COGO
8445	144359.6519149	2152791.3775323	COGO
8446	144358.5800018	2152585.3003201	COGO
8447	144383.4493891	2152560.1708633	COGO
8448	144413.3989839	2152560.0150801	COGO
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8450	144378.9820215	2152211.0082185	COGO
8451	144277.5593935	2152211.5357695	COGO
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8453	143438.5681136	2151193.5839071	COGO
8454	143578.7717508	2151353.4233535	COGO
8455	139730.9296301	2150712.6311362	COGO
8456	139430.9250708	2150715.9719179	COGO
8457	138806.5684060	2150222.3614423	COGO
8458	139039.6664654	2150519.9321321	COGO
8459	139139.6612313	2150518.9600075	COGO
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8461	139036.5563676	2150220.0082548	COGO
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8463	138748.2221051	2150478.3000958	COGO
8469	138088.8472664	2150484.3500633	COGO
8471	138086.9357680	2150302.3601015	COGO
8472	137764.4476077	2150305.1234153	COGO
8473	145640.8836	2151239.9387	COGO
8474	145650.8836	2151238.9290	COGO
8475	145638.4859	2151038.9369	COGO
8476	145705.6842	2150975.4646	COGO
8477	145711.7699	2150974.9263	COGO
8478	145716.1392	2151038.9252	COGO
8479	145715.8995	2151238.8656	COGO
8480	145915.8994	2151238.6707	COGO
8481	145914.3155	2150964.1553	COGO
8482	145916.9645	2150958.5855	COGO
8483	146074.2545	2150958.5297	COGO
8484	146075.8700	2151238.5251	COGO
8485	146271.7342	2151238.3240	COGO
8486	146176.4342	2151238.4168	COGO
8487	146174.2544	2150958.4323	COGO
8488	146270.3702	2150958.3386	COGO
8489	146962.5386	2151231.4032	COGO
8490	147387.4650	2150895.3405	COGO
8491	146774.1136	2151230.0265	COGO
8492	146773.1463	2150986.6185	COGO
8493	146794.2588	2150966.8907	COGO
8494	146922.8431	2150987.1749	COGO
8495	146921.8442	2150977.2249	COGO
8496	146707.7387	2150959.8824	COGO
8497	146333.0408	2150969.2307	COGO
8498	146330.4370	2150972.7153	COGO
8499	146310.4411	2150972.8077	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8500	146311.7207	2151235.4746	COGO
8501	146734.8994	2151232.3827	COGO
8502	146732.9120	2150984.2567	COGO
8503	146980.1552	2150996.3526	COGO
8504	146982.6353	2150986.6650	COGO
8505	147111.1165	2151006.4784	COGO
8506	147107.3062	2151031.1863	COGO
8507	146986.6367	2151031.5128	COGO
8508	146988.1378	2151409.2298	COGO
8509	147219.1376	2151408.9509	COGO
8510	147219.0954	2151373.9510	COGO
8511	147331.0953	2151373.8158	COGO
8512	147332.8983	2151827.4822	COGO
8513	147233.5986	2151827.7508	COGO
8514	147235.5747	2152324.9632	COGO
8515	147074.5493	2152405.2031	COGO
8516	147072.2561	2151828.1872	COGO
8517	146964.9115	2151828.4776	COGO
8518	147229.6256	2151024.7540	COGO
8519	147230.4630	2151235.4523	COGO
8520	147330.4629	2151235.3316	COGO
8521	147261.7064	2151029.7013	COGO
8522	147329.6537	2151048.3501	COGO
8523	148234.7538	2150890.2609	COGO
8524	148236.5382	2151339.2573	COGO
8525	148156.5383	2151339.3539	COGO
8526	148157.3570	2151545.3523	COGO
8527	148007.0597	2151546.2533	COGO
8528	148008.6235	2151939.7488	COGO
8529	147848.9586	2152013.3103	COGO
8530	147845.9298	2151206.3500	COGO
8531	148001.6465	2151206.3317	COGO
8532	148156.4344	2151013.2141	COGO
8533	148238.4695	2151625.2146	COGO
8534	145636.4530	2150658.8357	COGO
8535	146305.1476	2150654.8268	COGO
8536	146335.9470	2150654.6422	COGO
8537	146620.1488	2150678.3630	COGO
8538	146729.1399	2150687.4598	COGO
8539	145951.2493	2150363.9458	COGO
8540	145954.2439	2150656.9305	COGO
8541	145841.2459	2150657.6079	COGO
8542	145838.2513	2150364.6233	COGO
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8544	146302.1529	2150361.8421	COGO
8545	145663.4378	2150365.6712	COGO
8546	145664.9194	2150508.6637	COGO
8547	145666.1970	2150633.6572	COGO
8548	145691.2480	2150658.5072	COGO
8549	146402.1574	2150367.7694	COGO
8550	146617.1711	2150366.1140	COGO
8551	146932.7017	2150363.6847	COGO
8552	146934.4657	2150592.8079	COGO
8553	146992.6999	2150363.2228	COGO
8554	147112.6964	2150362.2989	COGO
8555	147308.8330	2150421.8233	COGO
8556	147619.7405	2150516.1789	COGO
8557	147622.5393	2150809.9502	COGO
8558	146928.8472	2150690.4625	COGO
8559	146917.6231	2150701.6866	COGO
8560	146988.4522	2150697.3430	COGO
8561	147001.0513	2150709.9420	COGO
8562	146994.4666	2150592.8070	COGO
8563	147311.9728	2150751.4033	COGO
8564	147091.6657	2150720.2779	COGO
8565	147088.2571	2150362.4871	COGO
8566	147090.4006	2150587.4769	COGO
8567	147520.9020	2150486.1829	COGO
8568	147523.7911	2150789.4491	COGO
8569	147828.1286	2150859.2534	COGO
8570	147747.2383	2150515.4145	COGO
8571	147750.3274	2150839.6719	COGO
8572	147874.7360	2150514.6502	COGO
8573	148209.3034	2150856.9682	COGO
8574	147878.0161	2150858.9543	COGO
8575	148230.5604	2150512.5170	COGO
8576	148054.3858	2150857.8969	COGO
8577	148050.5636	2150513.5960	COGO
8578	148234.1088	2150832.1629	COGO
8579	148052.7207	2150707.9062	COGO
8580	148232.7175	2150706.8271	COGO
8581	147445.9900	2151163.6491	COGO
8582	147330.1522	2151163.5487	COGO
8583	147808.0735	2152039.6836	COGO
8584	147805.7355	2151451.3982	COGO
8585	147823.1796	2151433.9961	COGO
8586	147822.4474	2151249.7376	COGO
8587	147846.1122	2151255.3097	COGO
8588	143453.3694	2154086.1635	COGO
8589	143993.8357	2154037.9784	COGO
8590	143461.4263	2151121.3844	COGO
8591	143966.5681	2154074.5025	COGO
8592	144483.1911	2154431.7467	COGO
8593	143735.9393	2154410.7563	COGO
8594	143658.3558	2154549.6650	COGO
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8599	143613.3796	2154850.0610	COGO
8600	144235.2671	2154791.7995	COGO
8601	143104.3932	2155118.8268	COGO
8602	143078.1188	2154921.0755	COGO
8603	143056.7684	2154634.5347	COGO

COORDINATES

POINT NAME	NORTHING	EASTING	DESCRIPTION
8604	143632.0407	2154630.4528	COGO
8605	143303.6831	2154919.4759	COGO
8606	143305.2014	2155133.5806	COGO
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8608	143584.0534	2155650.2845	COGO
8609	143585.0903	2155796.4954	COGO
8610	143600.0903	2155796.4954	COGO
8611	143600.0903	2156140.3955	COGO
8612	143763.2838	2154458.7675	COGO
8613	143663.0774	2154785.7725	COGO
8614	143663.5358	2154850.4162	COGO
8615	143698.5355	2154850.2736	COGO
15872	140378.6837730	2150995.9483060	BM
15873	141700.3823620	2151070.0733500	BM
15875	143428.6951520	2151210.7776840	BM
15876	143599.0558960	2150562.8433890	BM
50285	145553.8078560	2150653.4402270	BM
50303	144252.2513510	2150490.5006800	BM
50304	143919.9301930	2150298.9654250	BM
50305	143490.7027260	2149895.1502220	BM
50307	143401.6750190	2149250.2771580	BM
50309	143390.2218670	2148652.9488630	BM
50311	143242.1995770	2148000.3678520	BM
50313	143237.6604340	2147408.0054470	BM
50315	143205.3644390	2146579.6986950	BM
50317	143182.8490400	2145913.5696550	BM
50318	143197.8093010	2145708.7094360	BM
50319	142888.1129440	2145743.2748250	BM
50321	142901.9036360	2146335.1472670	BM
50323	142916.9876250	2146936.6238090	BM
50325	142907.3605680	2147568.1486410	BM
50327	142911.6066500	2148227.1133380	BM
50329	142802.9275290	2148847.0583200	BM
50331	142760.5652270	2149409.0325230	BM
50332	142643.1187210	2149720.2042730	BM
50333	142464.1441130	2150123.0392650	BM
50334	142296.1946730	2150304.5431320	BM
50335	141839.2050150	2150657.0857100	BM
50336	141535.0147150	2150701.4701360	BM
50338	140917.9882580	2150688.8599450	BM
50340	140383.9186640	2150617.3816870	BM
50341	145812.9439860	2151012.1135020	BM
50343	145129.4986010	2150988.2197760	BM
50344	143845.2559930	2150991.1289140	BM
50345	143455.5868870	2151409.9459730	BM
50346	143116.7567800	2151924.9735110	BM
50347	143220.7316130	2152558.2994020	BM
50348	143234.7555270	2153314.0595330	BM
50349	143103.1601590	2155087.5292970	BM
50350	143227.6751920	2155899.3994280	BM
50351	140981.2726690	2151191.0884400	BM
50352	141742.5192370	2151700.9568670	BM
50355	142212.8005530	2151785.9213220	BM
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50359	142726.6169390	2154100.2562350	BM
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50361	142543.6667540	2155843.1012460	BM
50362	142400.6015830	2156176.7690840	BM
50363	143072.6477560	2154416.4572460	BM
50364	145128.6796490	2150516.6250320	BAR & CAP O-55-1837 "CHURCH"
50365	143511.6047900	2147104.4432610	'X' ON CURB O-55-1838 "CIRCUIT CITY"
50366	140934.0270660	2155986.3656050	BAR & CAP O-55-1839 "DIAMOND"
50367	140344.4017030	2150218.6566280	BAR & CAP O-55-1840 "HOSPICE"
50368	143197.9033480	2152447.0616600	BAR & CAP O-55-1841 "MALL"
50369	145912.2610280	2152981.6647200	NGS P216-STEELROD "RAILROAD"
50370	144445.4785770	2150947.4412100	BM "RAMADA"

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IPT 6ON	OKLA.				

REVISIONS

DESCRIPTION	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SDI

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: CL SURVEY A035
Description:
Style: Default

		STATION	NORTHING	EASTING
Element: Linear				
	POB (1323)	2500.00	137519.4209520	2150872.6245422
	PI (6009)	4000.00	139019.3634951	2150859.4956665
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	1500.000			
Element: Linear				
	PI (6009)	4000.00	139019.3634951	2150859.4956665
	PI (6010)	4600.00	139619.3405124	2150854.2441163
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	600.000			
Element: Linear				
	PI (6010)	4600.00	139619.3405124	2150854.2441163
	PI (6008)	5338.63	140357.9461760	2150847.7791607
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	738.634			
Element: Linear				
	PI (6008)	5338.63	140357.9461760	2150847.7791607
	PI (1350)	6000.00	141019.2909597	2150841.9904370
Tangent Direction:	N 0°30'05.38" W			
Tangent Length:	661.370			
Element: Linear				
	PI (1350)	6000.00	141019.2909597	2150841.9904370
	PI (1351)	6500.00	141519.2718074	2150837.6141518
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1351)	6500.00	141519.2718074	2150837.6141518
	PI (1354)	7000.00	142019.2526552	2150833.2378665
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1354)	7000.00	142019.2526552	2150833.2378665
	PI (1355)	7500.00	142519.2335030	2150828.8615813
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1355)	7500.00	142519.2335030	2150828.8615813
	PI (1084)	7979.44	142998.6493000	2150824.6653000
Tangent Direction:	N 0°30'05.37" W			
Tangent Length:	479.434			
Element: Linear				
	PI (1084)	7979.44	142998.6493000	2150824.6653000
	PI (1361)	8500.01	143519.2099033	2150821.5374945
Tangent Direction:	N 0°20'39.33" W			
Tangent Length:	520.570			
Element: Linear				
	PI (1361)	8500.01	143519.2099033	2150821.5374945
	PI (1362)	9000.01	144019.2008779	2150818.5332824
Tangent Direction:	N 0°20'39.33" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1362)	9000.01	144019.2008779	2150818.5332824
	PI (1365)	9500.01	144519.1918526	2150815.5290702
Tangent Direction:	N 0°20'39.33" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1365)	9500.01	144519.1918526	2150815.5290702
	PI (1366)	10000.01	145019.1828272	2150812.5248580
Tangent Direction:	N 0°20'39.33" W			
Tangent Length:	500.000			
Element: Linear				
	PI (1366)	10000.01	145019.1828272	2150812.5248580
	PI (6007)	10618.82	145637.9858814	2150808.8067868
Tangent Direction:	N 0°20'39.32" W			
Tangent Length:	618.814			
Element: Linear				
	PI (6007)	10618.82	145637.9858814	2150808.8067868
	PC (1060)	11317.69	146336.8429785	2150804.6076382
Tangent Direction:	N 0°20'39.34" W			
Tangent Length:	698.870			
Element: Circular				
P.C. STA. (1060)		11317.69	146336.8430	2150804.6077
P.I. STA. ( )		12203.22	147222.3501	2150799.2871
C.C. STA. (1063)			146371.2687	2156534.0823
P.T. STA. (1075)		13074.84	148068.1468	2151061.5446
Radius:		5729.58		
Delta:		17°34'17.16" Right		
Degree of Curvature(Arc):		1°00'00.00"		
Length:		1757.14		
Tangent:		885.52		
Chord:		1750.27		
Middle Ordinate:		67.23		
External:		68.03		
Tangent Direction:	N 0°20'39.33" W			
Radial Direction:	N 89°39'20.67" E			
Chord Direction:	N 8°26'29.25" E			
Radial Direction:	S 72°46'22.17" E			
Tangent Direction:	N 17°13'37.83" E			

SDS 12 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: CL SURVEY A035 *CONTINUED
Description:
Style: Default

		STATION	NORTHING	EASTING
Element: Linear				
	POB (1075)	13074.84	148068.1468	2151061.5446
	PI (1076)	13302.75	148285.8404	2151129.0452
Tangent Direction:	N 17°13'37.82" E			
Tangent Length:	227.92			

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: CL SURVEYA034
Description: PF2-Plan5
Style: Default

		STATION	NORTHING	EASTING
Element: Linear				
	POB (6417)	37139.31	143039.5414473	2145147.3663457
	PI (6002)	37633.43	143044.2256038	2145641.4636161
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	494.119			
Element: Linear				
	PI (6002)	37633.43	143044.2256038	2145641.4636161
	PI (6001)	39343.79	143060.4394888	2147351.7472887
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	1710.361			
Element: Linear				
	PI (6001)	39343.79	143060.4394888	2147351.7472887
	PI (6240)	39500.00	143061.9203292	2147507.9502696
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	156.210			
Element: Linear				
	PI (6240)	39500.00	143061.9203292	2147507.9502696
	PI (6241)	40000.00	143066.6602320	2148007.9278024
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	500.000			
Element: Linear				
	PI (6241)	40000.00	143066.6602320	2148007.9278024
	PI (6004)	40274.55	143069.2629298	2148282.4672851
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	274.552			
Element: Linear				
	PI (6004)	40274.55	143069.2629298	2148282.4672851
	PI (1108)	41508.92	143080.9645000	2149516.7800000
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	1234.368			
Element: Linear				
	PI (1108)	41508.92	143080.9645000	2149516.7800000
EQNBK ( )		41508.92	143080.9645000	2149516.7800000
EQNAHD ( )		41500.00	143080.9645000	2149516.7800000
PC (1234)		A 42007.57	143085.7762000	2150024.3309000
Tangent Direction:	N 89°27'24.62" E			
Tangent Length:	507.574			
Element: Circular				
PC (1234)		A 42007.57	143085.7762000	2150024.3309000
PI ( )		A 42259.26	143088.1621331	2150276.0058464
CC (1236)			140221.1160000	2150051.4885000
PT (1237)		A 42509.66	143046.6284000	2150524.2414000
Radius:		2864.789		
Delta:		10°02'30.00" Right		
Degree of Curvature(Arc):		2°00'00.00"		
Length:		502.083		
Tangent:		251.686		
Chord:		501.441		
Middle Ordinate:		10.992		
External:		11.035		
Tangent Direction:	N 89°27'24.62" E			
Radial Direction:	S 0°32'35.38" E			
Chord Direction:	S 85°31'20.38" E			
Radial Direction:	S 9°29'54.62" W			
Tangent Direction:	S 80°30'05.38" E			
Element: Linear				
	PT (1237)	A 42509.66	143046.6284000	2150524.2414000
	PI (1103)	A 42814.28	142996.3594000	2150824.6854000
Tangent Direction:	S 80°30'05.40" E			
Tangent Length:	304.620			
Element: Linear				
	PI (1103)	A 42814.28	142996.3594000	2150824.6854000
	PI (1227)	A 42912.77	142980.1053000	2150921.8313000
Tangent Direction:	S 80°30'05.26" E			
Tangent Length:	98.496			
Element: Linear				
	PI (1227)	A 42912.77	142980.1053000	2150921.8313000
	PC (1238)	A 43128.35	142944.5298000	2151134.4563000
Tangent Direction:	S 80°30'05.40" E			
Tangent Length:	215.581			
Element: Circular				
PC (1238)		A 43128.35	142944.5298000	2151134.4563000
PI ( )		A 43376.68	142903.5502795	2151379.3794794
CC (1239)			145770.0422000	2151607.2092000
PT (1240)		A 43623.77	142905.3265000	2151627.7003000

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: CL SURVEYA034 *CONTINUED
Description: PF2-Plan5
Style: Default

		STATION	NORTHING	EASTING
CURVE DATA CONTINUED:				
Radius:		2864.789		
Delta:		9°54'29.99" Left		
Degree of Curvature(Arc):		2°00'00.00"		
Length:		495.417		
Tangent:		248.327		
Chord:		494.799		
Middle Ordinate:		10.703		
External:		10.743		
Tangent Direction:	S 80°30'05.38" E			
Radial Direction:	S 9°29'54.62" W			
Chord Direction:	S 85°27'20.35" E			
Radial Direction:	S 0°24'35.37" E			
Tangent Direction:	N 89°35'24.63" E			
Element: Linear				
	PT (1240)	A 43623.77	142905.3265000	2151627.7003000
	PI (1113)	A 44100.00	142908.7329000	2152103.9174000
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	476.229			
Element: Linear				
	PI (1113)	A 44100.00	142908.7329000	2152103.9174000
	PI (6247)	A 44514.61	142911.6985623	2152518.5190582
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	414.612			
Element: Linear				
	PI (6247)	A 44514.61	142911.6985623	2152518.5190582
	PI (6248)	A 45050.00	142915.5281143	2153053.8930971
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	535.388			
Element: Linear				
	PI (6248)	A 45050.00	142915.5281143	2153053.8930971
	PI (6005)	A 45566.73	142919.2241992	2153570.6083609
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	516.729			
Element: Linear				
	PI (6005)	A 45566.73	142919.2241992	2153570.6083609
	PI (6329)	A 46000.00	142922.3233285	2154003.8687942
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	433.272			
Element: Linear				
	PI (6329)	A 46000.00	142922.3233285	2154003.8687942
	PC (6105)	A 46307.99	142924.5263286	2154311.8497422
Tangent Direction:	N 89°35'24.60" E			
Tangent Length:	307.989			
Element: Circular				
PC (6105)		A 46307.99	142924.5263286	2154311.8497422
PI ( )		A 46891.34	142928.6989727	2154895.1883068
CC (6106)			85630.2125697	2154721.6782651
PT (6107)		A 47474.66	142920.9935309	2155478.4909044
Radius:		57295.780		
Delta:		1°10'00.00" Right		
Degree of Curvature(Arc):		0°06'00.00"		
Length:		1166.667		
Tangent:		583.353		
Chord:		1166.647		
Middle Ordinate:		2.969		
External:		2.970		
Tangent Direction:	N 89°35'24.60" E			
Radial Direction:	S 0°24'35.40" E			
Chord Direction:	S 89°49'35.40" E			
Radial Direction:	S 0°45'24.60" W			
Tangent Direction:	S 89°14'35.40" E			
Element: Linear				
	PT (6107)	A 47474.66	142920.9935309	2155478.4909044
	PI (6000)	A 48214.52	142911.2208020	2156218.2873130
Tangent Direction:	S 89°14'35.40" E			
Tangent Length:	739.861			
Element: Linear				
	PI (6000)	A 48214.52	142911.2208020	2156218.2873130
	POE (6052)	A 50014.57	142887.4440979	2158018.1858307
Tangent Direction:	S 89°14'35.40" E			
Tangent Length:	1800.056			

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

Preliminary Plans

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD12

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A001
Description: NW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6400)	376+33.52	143186.1800	2145640.2073
PC. STA. (6460)	380+38.84	143172.6818	2146045.3005
Tangent Direction:	S 88°05'29.53" E		
Tangent Length:	405.32		
Element: Circular			
PC. STA. (6460)	380+38.84	143172.6818	2146045.3005
P.I. STA. ( )	381+00.14	143170.6403	2146106.5665
C.C. STA. (6441)		146035.8817	2146140.7062
P.T. STA. (6458)	381+61.42	143171.2215	2146167.8638
Radius:	2864.79		
Delta:	2°27'05.86" Left		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	122.58		
Tangent:	61.30		
Chord:	122.57		
Middle Ordinate:	0.66		
External:	0.66		
Tangent Direction:	S 88°05'29.52" E		
Radial Direction:	S 1°54'30.48" W		
Chord Direction:	S 89°19'02.45" E		
Radial Direction:	S 0°32'35.38" E		
Tangent Direction:	N 89°27'24.62" E		
Element: Linear			
P.T. STA. (6458)	381+61.42	143171.2215	2146167.8638
PC. STA. (6459)	386+28.07	143166.7977	2146634.4928
Tangent Direction:	S 89°27'24.62" E		
Tangent Length:	466.65		
Element: Circular			
PC. STA. (6459)	386+28.07	143166.7977	2146634.4928
P.I. STA. ( )	387+50.12	143167.9547	2146756.5375
C.C. STA. (6446)		148896.1183	2146580.1776
P.T. STA. (6461)	388+72.13	143174.3079	2146878.4222
Radius:	5729.58		
Delta:	2°26'26.28" Left		
Degree of Curvature(Arc):	1°00'00.00"		
Length:	244.06		
Tangent:	122.05		
Chord:	244.04		
Middle Ordinate:	1.30		
External:	1.30		
Tangent Direction:	N 89°27'24.62" E		
Radial Direction:	S 0°32'35.38" E		
Chord Direction:	N 88°14'11.48" E		
Radial Direction:	S 2°59'01.66" E		
Tangent Direction:	N 87°00'58.34" E		
Element: Linear			
P.T. STA. (6461)	388+72.13	143174.3079	2146878.4222
P.I. STA. (6439)	393+01.32	143196.6485	2147307.0260
Tangent Direction:	N 87°00'58.35" E		
Tangent Length:	429.19		
Element: Linear			
P.I. STA. (6439)	393+01.32	143196.6485	2147307.0260
PC. STA. (6468)	399+09.25	143182.2355	2147914.7851
Tangent Direction:	S 88°38'29.38" E		
Tangent Length:	607.93		
Element: Circular			
PC. STA. (6468)	399+09.25	143182.2355	2147914.7851
P.I. STA. ( )	400+04.34	143179.9811	2148009.8505
C.C. STA. (6447)		148910.2031	2148050.6230
P.T. STA. (6469)	400+99.42	143180.8825	2148104.9383
Radius:	5729.58		
Delta:	1°54'06.00" Left		
Degree of Curvature(Arc):	1°00'00.00"		
Length:	190.17		
Tangent:	95.09		
Chord:	190.16		
Middle Ordinate:	0.79		
External:	0.79		
Tangent Direction:	S 88°38'29.38" E		
Radial Direction:	S 1°21'30.62" W		
Chord Direction:	S 89°35'32.38" E		
Radial Direction:	S 0°32'35.38" E		
Tangent Direction:	N 89°27'24.62" E		
Element: Linear			
P.T. STA. (6469)	400+99.42	143180.8825	2148104.9383
PC. STA. (6470)	420+19.84	143199.0877	2150025.2720
Tangent Direction:	N 89°27'24.62" E		
Tangent Length:	1920.42		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A001 *CONTINUED
Description: NW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6470)	420+19.84	143199.0877	2150025.2720
P.I. STA. ( )	421+66.99	143200.4825	2150172.4244
C.C. STA. (6364)		143557.1717	2150021.8780
P.T. STA. (6558)	422+99.09	143304.9437	2150276.0760
Radius:	358.10		
Delta:	44°40'47.38" Left		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	279.25		
Tangent:	147.16		
Chord:	272.23		
Middle Ordinate:	26.88		
External:	29.06		
Tangent Direction:	N 89°27'25.00" E		
Radial Direction:	S 0°32'35.00" E		
Chord Direction:	N 67°07'01.31" E		
Radial Direction:	S 45°13'22.38" E		
Tangent Direction:	N 44°46'37.62" E		
Element: Linear			
P.T. STA. (6558)	422+99.09	143304.9437	2150276.0760
PC. STA. (6559)	426+85.79	143579.4435	2150548.4484
Tangent Direction:	N 44°46'37.62" E		
Tangent Length:	386.70		
Element: Circular			
PC. STA. (6559)	426+85.79	143579.4435	2150548.4484
P.I. STA. ( )	428+07.95	143666.1653	2150674.4983
C.C. STA. (6365)		143831.6717	2150294.2506
P.T. STA. (6560)	429+21.26	143787.3969	2150649.6031
Radius:	358.10		
Delta:	37°40'30.20" Left		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	235.47		
Tangent:	122.17		
Chord:	231.25		
Middle Ordinate:	19.18		
External:	20.27		
Tangent Direction:	N 44°46'37.62" E		
Radial Direction:	S 45°13'22.38" E		
Chord Direction:	N 25°56'22.72" E		
Radial Direction:	S 82°53'52.38" E		
Tangent Direction:	N 7°06'07.62" E		
Element: Linear			
P.T. STA. (6560)	429+21.26	143787.3969	2150649.6031
PC. STA. (6561)	430+60.23	143925.3006	2150666.7851
Tangent Direction:	N 7°06'07.62" E		
Tangent Length:	138.97		
Element: Circular			
PC. STA. (6561)	430+60.23	143925.3006	2150666.7851
P.I. STA. ( )	432+47.35	144110.9869	2150689.9205
C.C. STA. (6366)		144280.8280	2147813.3011
P.T. STA. (6555)	434+33.94	144298.1055	2150688.7962
Radius:	2875.55		
Delta:	7°26'46.96" Left		
Degree of Curvature(Arc):	1°59'33.06"		
Length:	373.72		
Tangent:	187.12		
Chord:	373.45		
Middle Ordinate:	6.07		
External:	6.08		
Tangent Direction:	N 7°06'07.63" E		
Radial Direction:	S 82°53'52.37" E		
Chord Direction:	N 3°22'44.15" E		
Radial Direction:	N 89°39'20.67" E		
Tangent Direction:	N 0°20'39.33" W		
Element: Linear			
P.T. STA. (6555)	434+33.94	144298.1055	2150688.7962
PC. STA. (6556)	436+04.58	144468.7364	2150687.7709
Tangent Direction:	N 0°20'39.33" W		
Tangent Length:	170.63		
Element: Circular			
PC. STA. (6556)	436+04.58	144468.7364	2150687.7709
P.I. STA. ( )	436+42.83	144506.9863	2150687.5429
C.C. STA. (6367)		144457.3315	2148774.4629
P.T. STA. (6552)	436+81.07	144545.1966	2150685.7864
Radius:	1913.34		
Delta:	2°17'26.00" Left		
Degree of Curvature(Arc):	2°59'40.34"		
Length:	76.49		
Tangent:	38.25		
Chord:	76.49		
Middle Ordinate:	0.38		
External:	0.38		
Tangent Direction:	N 0°20'29.49" W		
Radial Direction:	N 89°39'30.51" E		
Chord Direction:	N 1°29'12.49" W		
Radial Direction:	N 87°22'04.51" E		
Tangent Direction:	N 2°37'55.49" W		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A001 *CONTINUED
Description: NW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6552)	436+81.07	144545.1966	2150685.7864
PC. STA. (6506)	441+12.94	144976.8538	2150672.2925
Tangent Direction:	N 1°47'25.87" W		
Tangent Length:	431.87		
Element: Circular			
PC. STA. (6506)	441+12.94	144976.8538	2150672.2925
P.I. STA. ( )	441+51.12	145014.9945	2150670.5373
C.C. STA. (6413)		145064.6501	2152580.1324
P.T. STA. (6505)	441+89.29	145053.1750	2150670.3079
Radius:	1909.86		
Delta:	2°17'26.03" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	76.35		
Tangent:	38.18		
Chord:	76.35		
Middle Ordinate:	0.38		
External:	0.38		
Tangent Direction:	N 2°38'05.34" W		
Radial Direction:	N 87°21'54.66" E		
Chord Direction:	N 1°29'22.33" W		
Radial Direction:	N 89°39'20.68" E		
Tangent Direction:	N 0°20'39.32" W		
Element: Linear			
P.T. STA. (6505)	441+89.29	145053.1750	2150670.3079
P.I. STA. (6504)	447+72.66	145636.5344	2150666.8028
Tangent Direction:	N 0°20'39.33" W		
Tangent Length:	583.37		
Element: Linear			
P.I. STA. (6504)	447+72.66	145636.5344	2150666.8028
PC. STA. (6507)	453+85.93	146249.7950	2150663.1180
Tangent Direction:	N 0°20'39.33" W		
Tangent Length:	613.27		
Element: Circular			
PC. STA. (6507)	453+85.93	146249.7950	2150663.1180
P.I. STA. ( )	454+66.43	146330.2904	2150662.6343
C.C. STA. (6414)		146261.2704	2152572.9425
P.T. STA. (6508)	455+46.83	146410.5411	2150668.9258
Radius:	1909.86		
Delta:	4°49'37.05" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	160.90		
Tangent:	80.50		
Chord:	160.85		
Middle Ordinate:	1.69		
External:	1.70		
Tangent Direction:	N 0°20'39.35" W		
Radial Direction:	N 89°39'20.65" E		
Chord Direction:	N 2°04'09.17" E		
Radial Direction:	S 85°31'02.31" E		
Tangent Direction:	N 4°28'57.69" E		
Element: Linear			
P.T. STA. (6508)	455+46.83	146410.5411	2150668.9258
PC. STA. (6536)	459+13.08	146775.6707	2150697.5511
Tangent Direction:	N 4°28'57.67" E		
Tangent Length:	366.25		
Element: Circular			
PC. STA. (6536)	459+13.08	146775.6707	2150697.5511
P.I. STA. ( )	463+76.74	147237.9132	2150733.7898
C.C. STA. (6411)		146327.8591	2156409.6023
P.T. STA. (6537)	468+38.38	147688.3138	2150843.8834
Radius:	5729.58		
Delta:	9°15'10.99" Right		
Degree of Curvature(Arc):	1°00'00.00"		
Length:	925.31		
Tangent:	463.66		
Chord:	924.30		
Middle Ordinate:	18.67		
External:	18.73		
Tangent Direction:	N 4°28'57.68" E		
Radial Direction:	S 85°31'02.32" E		
Chord Direction:	N 9°06'33.17" E		
Radial Direction:	S 76°15'51.34" E		
Tangent Direction:	N 13°44'08.66" E		
Element: Linear			
P.T. STA. (6537)	468+38.38	147688.3138	2150843.8834
PC. STA. (6538)	469+05.70	147753.7085	2150859.8681
Tangent Direction:	N 13°44'08.67" E		
Tangent Length:	67.32		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

DESCRIPTION	REVISIONS	DATE

Preliminary Plans

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SDS 13

OKLAHOMA COUNTY

SDS 13 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A001 *CONTINUED
Description: NW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6538)	469+05.70	147753.7085	2150859.8681
P.I. STA. ( )	469+76.46	147822.4414	2150876.6688
C.C. STA. (6412)		147889.7540	2150303.2960
P.T. STA. (6539)	470+46.50	147893.1966	2150876.2437
Radius:		572.96	
Delta:		14°04'47.99" Left	
Degree of Curvature(Arc):		9°59'59.99"	
Length:		140.80	
Tangent:		70.76	
Chord:		140.45	
Middle Ordinate:		4.32	
External:		4.35	
Tangent Direction:		N 13°44'08.66" E	
Radial Direction:		S 76°15'51.34" E	
Chord Direction:		N 6°41'44.67" E	
Radial Direction:		N 89°39'20.68" E	
Tangent Direction:		N 0°20'39.32" W	
Element: Linear			
P.T. STA. (6539)	470+46.50	147893.1966	2150876.2437
P.O.E. STA. (6540)	474+37.89	148284.5745	2150873.8921
Tangent Direction:		N 0°20'39.33" W	
Tangent Length:		391.39	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A002
Description: NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6546)	76+24.53	143028.0889	2151733.8449
P.I. STA. ( )	77+82.82	143027.0285	2151585.5593
C.C. STA. (6372)		143386.1797	2151731.2842
P.T. STA. (6569)	79+05.71	143131.1121	2151479.9357
Radius:		358.10	
Delta:		44°59'20.18" Right	
Degree of Curvature(Arc):		15°59'59.78"	
Length:		281.18	
Tangent:		148.29	
Chord:		274.01	
Middle Ordinate:		27.25	
External:		29.49	
Tangent Direction:		S 89°35'25.04" W	
Radial Direction:		N 0°24'34.96" W	
Chord Direction:		N 67°54'54.87" W	
Radial Direction:		N 44°34'45.22" E	
Tangent Direction:		N 45°25'14.78" W	
Element: Linear			
P.T. STA. (6569)	79+05.71	143131.1121	2151479.9357
PC. STA. (6568)	84+76.40	143526.5975	2151068.4955
Tangent Direction:		N 46°07'57.79" W	
Tangent Length:		570.69	
Element: Circular			
PC. STA. (6568)	84+76.40	143526.5975	2151068.4955
P.I. STA. ( )	86+11.17	143621.1908	2150972.5032
C.C. STA. (6371)		143781.6644	2151319.8448
P.T. STA. (6567)	87+34.20	143755.6014	2150962.6946
Radius:		358.10	
Delta:		41°14'48.62" Right	
Degree of Curvature(Arc):		15°59'59.78"	
Length:		257.79	
Tangent:		134.77	
Chord:		252.26	
Middle Ordinate:		22.95	
External:		24.52	
Tangent Direction:		N 45°25'14.14" W	
Radial Direction:		N 44°34'45.86" E	
Chord Direction:		N 24°47'49.83" W	
Radial Direction:		N 85°49'34.48" E	
Tangent Direction:		N 4°10'25.52" W	
Element: Linear			
P.T. STA. (6567)	87+34.20	143755.6014	2150962.6946
PC. STA. (6566)	89+99.38	144020.0781	2150943.3946
Tangent Direction:		N 4°10'25.33" W	
Tangent Length:		265.18	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A002 *CONTINUED
Description: NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6566)	89+99.38	144020.0781	2150943.3946
P.I. STA. ( )	90+95.15	144115.5961	2150936.4243
C.C. STA. (6370)		144228.5790	2153800.5872
P.T. STA. (6565)	91+90.85	144211.3663	2150935.8489
Radius:		2864.79	
Delta:		3°49'46.02" Right	
Degree of Curvature(Arc):		2°00'00.00"	
Length:		191.47	
Tangent:		95.77	
Chord:		191.44	
Middle Ordinate:		1.60	
External:		1.60	
Tangent Direction:		N 4°10'25.34" W	
Radial Direction:		N 85°49'34.66" E	
Chord Direction:		N 2°15'32.33" W	
Radial Direction:		N 89°39'20.68" E	
Tangent Direction:		N 0°20'39.32" W	
Element: Linear			
P.T. STA. (6565)	91+90.85	144211.3663	2150935.8489
PC. STA. (6564)	94+31.50	144452.0120	2150937.2948
Tangent Direction:		N 0°20'39.33" E	
Tangent Length:		240.65	
Element: Circular			
PC. STA. (6564)	94+31.50	144452.0120	2150937.2948
P.I. STA. ( )	94+95.08	144515.5946	2150936.9123
C.C. STA. (6369)		144463.4872	2152847.1203
P.T. STA. (6563)	95+58.62	144579.0617	2150940.7605
Radius:		1909.86	
Delta:		3°48'49.01" Right	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		127.12	
Tangent:		63.58	
Chord:		127.10	
Middle Ordinate:		1.06	
External:		1.06	
Tangent Direction:		N 0°20'39.33" W	
Radial Direction:		N 89°39'20.67" E	
Chord Direction:		N 1°33'45.17" E	
Radial Direction:		S 86°31'50.33" E	
Tangent Direction:		N 3°28'09.67" E	
Element: Linear			
P.T. STA. (6563)	95+58.62	144579.0617	2150940.7605
PC. STA. (6562)	97+32.13	144752.2538	2150951.2604
Tangent Direction:		N 3°28'09.67" E	
Tangent Length:		173.51	
Element: Circular			
PC. STA. (6562)	97+32.13	144752.2538	2150951.2604
P.I. STA. ( )	97+95.71	144815.8374	2150951.1984
C.C. STA. (6368)		144754.1149	2152861.1195
P.T. STA. (6526)	98+59.25	144879.2844	2150955.3656
Radius:		1909.86	
Delta:		3°48'49.01" Right	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		127.12	
Tangent:		63.58	
Chord:		127.10	
Middle Ordinate:		1.06	
External:		1.06	
Tangent Direction:		N 0°03'21.00" W	
Radial Direction:		N 89°56'39.00" E	
Chord Direction:		N 1°51'03.50" E	
Radial Direction:		S 86°14'32.00" E	
Tangent Direction:		N 3°45'28.00" E	
Element: Linear			
P.T. STA. (6526)	98+59.25	144879.2844	2150955.3656
PC. STA. (6527)	102+35.73	145255.7576	2150953.1036
Tangent Direction:		N 0°20'39.33" W	
Tangent Length:		376.48	
Element: Circular			
PC. STA. (6527)	102+35.73	145255.7576	2150953.1036
P.I. STA. ( )	102+95.67	145315.6976	2150952.7434
C.C. STA. (6415)		145267.2329	2152862.9281
P.T. STA. (6532)	103+55.57	145375.5421	2150956.1427
Radius:		1909.86	
Delta:		3°35'43.01" Right	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		119.84	
Tangent:		59.94	
Chord:		119.82	
Middle Ordinate:		0.94	
External:		0.94	
Tangent Direction:		N 0°20'39.33" W	
Radial Direction:		N 89°39'20.67" E	
Chord Direction:		N 1°27'12.17" E	
Radial Direction:		S 86°44'56.33" E	
Tangent Direction:		N 3°15'03.67" E	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A002 *CONTINUED
Description: NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6532)	103+55.57	145375.5421	2150956.1427
PC. STA. (6533)	105+52.52	145572.1751	2150967.3119
Tangent Direction:		N 3°15'03.67" E	
Tangent Length:		196.95	
Element: Circular			
PC. STA. (6533)	105+52.52	145572.1751	2150967.3119
P.I. STA. ( )	106+18.55	145638.0917	2150971.0560
C.C. STA. (6421)		145637.1605	2149823.2400
P.T. STA. (6534)	106+84.42	145704.0021	2150967.2049
Radius:		1145.92	
Delta:		6°35'41.96" Left	
Degree of Curvature(Arc):		4°59'59.99"	
Length:		131.90	
Tangent:		66.02	
Chord:		131.83	
Middle Ordinate:		1.90	
External:		1.90	
Tangent Direction:		N 3°15'03.65" E	
Radial Direction:		S 86°44'56.35" E	
Chord Direction:		N 0°02'47.33" W	
Radial Direction:		N 86°39'21.69" E	
Tangent Direction:		N 3°20'38.31" W	
Element: Linear			
P.T. STA. (6534)	106+84.42	145704.0021	2150967.2049
PC. STA. (6535)	109+46.62	145965.7557	2150951.9107
Tangent Direction:		N 3°20'38.33" W	
Tangent Length:		262.20	
Element: Circular			
PC. STA. (6535)	109+46.62	145965.7557	2150951.9107
P.I. STA. ( )	109+96.64	146015.6788	2150948.7650
C.C. STA. (6420)		146085.8607	2152857.9894
P.T. STA. (6529)	110+46.64	146065.6982	2150948.2369
Radius:		1909.86	
Delta:		3°00'02.32" Right	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		100.02	
Tangent:		50.02	
Chord:		100.01	
Middle Ordinate:		0.65	
External:		0.65	
Tangent Direction:		N 3°36'19.91" W	
Radial Direction:		N 86°23'40.09" E	
Chord Direction:		N 2°06'18.75" W	
Radial Direction:		N 89°23'42.41" E	
Tangent Direction:		N 0°36'17.59" W	
Element: Linear			
P.T. STA. (6529)	110+46.64	146065.6982	2150948.2369
P.I. STA. (6530)	113+11.92	146330.9734	2150946.6430
Tangent Direction:		N 0°20'39.33" W	
Tangent Length:		265.28	
Element: Linear			
P.I. STA. (6530)	113+11.92	146330.9734	2150946.6430
P.I. STA. (6531)	115+89.26	146608.2221	2150939.5305
Tangent Direction:		N 1°28'10.33" W	
Tangent Length:		277.34	
Element: Linear			
P.I. STA. (6531)	115+89.26	146608.2221	2150939.5305
PC. STA. (6545)	116+79.37	146697.9714	2150931.5540
Tangent Direction:		N 5°04'43.68" W	
Tangent Length:		90.10	
Element: Circular			
PC. STA. (6545)	116+79.37	146697.9714	2150931.5540
P.I. STA. ( )	120+23.70	147042.2975	2150929.5169
C.C. STA. (6409)		146714.9196	2153796.2929
P.T. STA. (6544)	123+64.74	147377.2992	2151009.1314
Radius:		2864.79	
Delta:		13°42'27.10" Right	
Degree of Curvature(Arc):		2°00'00.00"	
Length:		685.38	
Tangent:		344.33	
Chord:		683.74	
Middle Ordinate:		20.47	
External:		20.62	
Tangent Direction:		N 0°20'20.28" W	
Radial Direction:		N 89°39'39.72" E	
Chord Direction:		N 6°30'53.27" E	
Radial Direction:		S 76°37'53.18" E	
Tangent Direction:		N 13°22'06.82" E	

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD14

OKLAHOMA COUNTY

SDS 14 OF 46

8-87

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A002 *CONTINUED
Description: NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6544)	123+64.74	147377.2992	2151009.1314
PC. STA. (6543)	128+04.01	147804.6215	2151110.8596
Tangent Direction:	N 13°23'26.03" E		
Tangent Length:	439.26		
Element: Circular			
PC. STA. (6543)	128+04.01	147804.6215	2151110.8596
P.I. STA. ( )	130+02.52	147997.8231	2151156.4506
C.C. STA. (6410)		147475.6452	2152504.9640
P.T. STA. (6542)	131+98.51	148171.3450	2151252.8640
Radius:	1432.39		
Delta:	15°46'48.47" Right		
Degree of Curvature(Arc):	4°00'00.00"		
Length:	394.50		
Tangent:	198.51		
Chord:	393.26		
Middle Ordinate:	13.56		
External:	13.69		
Tangent Direction:	N 13°16'39.27" E		
Radial Direction:	S 76°43'20.73" E		
Chord Direction:	N 21°10'03.50" E		
Radial Direction:	S 60°56'32.26" E		
Tangent Direction:	N 29°03'27.74" E		
Element: Linear			
P.T. STA. (6542)	131+98.51	148171.3450	2151252.8640
P.O.E. STA. (6541)	133+30.53	148286.6956	2151317.0767
Tangent Direction:	N 29°06'12.80" E		
Tangent Length:	132.02		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A003
Description: SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6401)	376+33.30	142892.2896	2145642.7792
PC. STA. (6440)	380+08.81	142919.8975	2146017.2679
Tangent Direction:	N 85°47'01.31" E		
Tangent Length:	375.51		
Element: Circular			
PC. STA. (6440)	380+08.81	142919.8975	2146017.2679
P.I. STA. ( )	381+00.67	142926.6512	2146108.8795
C.C. STA. (6449)		140062.8618	2146227.8930
P.T. STA. (6442)	381+92.46	142927.5220	2146200.7356
Radius:	2864.79		
Delta:	3°40'23.34" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	183.66		
Tangent:	91.86		
Chord:	183.63		
Middle Ordinate:	1.47		
External:	1.47		
Tangent Direction:	N 85°47'01.30" E		
Radial Direction:	S 4°12'58.70" E		
Chord Direction:	N 87°37'12.97" E		
Radial Direction:	S 0°32'35.36" E		
Tangent Direction:	N 89°27'24.64" E		
Element: Linear			
P.T. STA. (6442)	381+92.46	142927.5220	2146200.7356
PC. STA. (6443)	387+15.96	142932.4847	2146724.2120
Tangent Direction:	N 89°27'24.62" E		
Tangent Length:	523.50		
Element: Circular			
PC. STA. (6443)	387+15.96	142932.4847	2146724.2120
P.I. STA. ( )	388+00.60	142933.2871	2146808.8480
C.C. STA. (6448)		139112.9373	2146760.4221
P.T. STA. (6445)	388+85.21	142930.3397	2146893.4365
Radius:	3819.72		
Delta:	2°32'19.60" Right		
Degree of Curvature(Arc):	1°30'00.00"		
Length:	169.25		
Tangent:	84.64		
Chord:	169.24		
Middle Ordinate:	0.94		
External:	0.94		
Tangent Direction:	N 89°27'24.63" E		
Radial Direction:	S 0°32'35.37" E		
Chord Direction:	S 89°16'25.57" E		
Radial Direction:	S 1°59'44.23" W		
Tangent Direction:	S 88°00'15.77" E		
Element: Linear			
P.T. STA. (6445)	388+85.21	142930.3397	2146893.4365
P.I. STA. (6405)	393+92.35	142912.6797	2147400.2609
Tangent Direction:	S 88°00'15.76" E		
Tangent Length:	507.13		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A003 *CONTINUED
Description: SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.I. STA. (6405)	393+92.35	142912.6797	2147400.2609
PC. STA. (6471)	401+13.38	142944.0411	2148120.6085
Tangent Direction:	N 87°30'25.62" E		
Tangent Length:	721.03		
Element: Circular			
PC. STA. (6471)	401+13.38	142944.0411	2148120.6085
P.I. STA. ( )	401+62.12	142946.1614	2148169.3099
C.C. STA. (6462)		140081.9633	2148245.2132
P.T. STA. (6472)	402+10.86	142946.6236	2148218.0553
Radius:	2864.79		
Delta:	1°56'58.97" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	97.49		
Tangent:	48.75		
Chord:	97.48		
Middle Ordinate:	0.41		
External:	0.41		
Tangent Direction:	N 87°30'25.63" E		
Radial Direction:	S 2°29'34.37" E		
Chord Direction:	N 88°28'55.12" E		
Radial Direction:	S 0°32'35.39" E		
Tangent Direction:	N 89°27'24.61" E		
Element: Linear			
P.T. STA. (6472)	402+10.86	142946.6236	2148218.0553
PC. STA. (6473)	419+18.11	142962.8080	2149925.2286
Tangent Direction:	N 89°27'24.62" E		
Tangent Length:	1707.25		
Element: Circular			
PC. STA. (6473)	419+18.11	142962.8080	2149925.2286
P.I. STA. ( )	420+73.29	142964.2786	2150080.3967
C.C. STA. (6528)		142604.7240	2149928.6225
P.T. STA. (6576)	422+10.97	142852.0661	2150187.5772
Radius:	358.10		
Delta:	46°51'25.05" Right		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	292.86		
Tangent:	155.18		
Chord:	284.76		
Middle Ordinate:	29.62		
External:	32.14		
Tangent Direction:	N 89°27'25.03" E		
Radial Direction:	S 0°32'34.97" E		
Chord Direction:	S 67°06'52.38" E		
Radial Direction:	S 46°18'50.15" W		
Tangent Direction:	S 43°41'09.85" E		
Element: Linear			
P.T. STA. (6576)	422+10.97	142852.0661	2150187.5772
PC. STA. (6589)	427+48.96	142470.3461	2150566.6923
Tangent Direction:	S 44°48'13.83" E		
Tangent Length:	537.99		
Element: Circular			
PC. STA. (6589)	427+48.96	142470.3461	2150566.6923
P.I. STA. ( )	428+69.64	142383.0775	2150650.0467
C.C. STA. (6510)		142223.0052	2150307.7366
P.T. STA. (6557)	429+81.76	142263.1581	2150663.5783
Radius:	358.10		
Delta:	37°14'52.21" Right		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	232.80		
Tangent:	120.68		
Chord:	228.72		
Middle Ordinate:	18.75		
External:	19.79		
Tangent Direction:	S 43°41'08.98" E		
Radial Direction:	S 46°18'51.02" W		
Chord Direction:	S 25°03'42.87" E		
Radial Direction:	S 83°33'43.24" W		
Tangent Direction:	S 6°26'16.76" E		
Element: Linear			
P.T. STA. (6557)	429+81.76	142263.1581	2150663.5783
PC. STA. (6554)	432+73.33	141973.4268	2150696.2709
Tangent Direction:	S 6°26'16.37" E		
Tangent Length:	291.57		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A003 *CONTINUED
Description: SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6401)	376+33.30	142892.2896	2145642.7792
PC. STA. (6440)	380+08.81	142919.8975	2146017.2679
Tangent Direction:	N 85°47'01.31" E		
Tangent Length:	375.51		
Element: Circular			
PC. STA. (6440)	380+08.81	142919.8975	2146017.2679
P.I. STA. ( )	381+00.67	142926.6512	2146108.8795
C.C. STA. (6449)		140062.8618	2146227.8930
P.T. STA. (6442)	381+92.46	142927.5220	2146200.7356
Radius:	2864.79		
Delta:	3°40'23.34" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	183.66		
Tangent:	91.86		
Chord:	183.63		
Middle Ordinate:	1.47		
External:	1.47		
Tangent Direction:	N 85°47'01.30" E		
Radial Direction:	S 4°12'58.70" E		
Chord Direction:	N 87°37'12.97" E		
Radial Direction:	S 0°32'35.36" E		
Tangent Direction:	N 89°27'24.64" E		
Element: Linear			
P.T. STA. (6442)	381+92.46	142927.5220	2146200.7356
PC. STA. (6443)	387+15.96	142932.4847	2146724.2120
Tangent Direction:	N 89°27'24.62" E		
Tangent Length:	523.50		
Element: Circular			
PC. STA. (6443)	387+15.96	142932.4847	2146724.2120
P.I. STA. ( )	388+00.60	142933.2871	2146808.8480
C.C. STA. (6448)		139112.9373	2146760.4221
P.T. STA. (6445)	388+85.21	142930.3397	2146893.4365
Radius:	3819.72		
Delta:	2°32'19.60" Right		
Degree of Curvature(Arc):	1°30'00.00"		
Length:	169.25		
Tangent:	84.64		
Chord:	169.24		
Middle Ordinate:	0.94		
External:	0.94		
Tangent Direction:	N 89°27'24.63" E		
Radial Direction:	S 0°32'35.37" E		
Chord Direction:	S 89°16'25.57" E		
Radial Direction:	S 1°59'44.23" W		
Tangent Direction:	S 88°00'15.77" E		
Element: Linear			
P.T. STA. (6445)	388+85.21	142930.3397	2146893.4365
P.I. STA. (6405)	393+92.35	142912.6797	2147400.2609
Tangent Direction:	S 88°00'15.76" E		
Tangent Length:	507.13		
Element: Linear			
P.I. STA. (6405)	393+92.35	142912.6797	2147400.2609
PC. STA. (6471)	401+13.38	142944.0411	2148120.6085
Tangent Direction:	N 87°30'25.62" E		
Tangent Length:	721.03		
Element: Circular			
PC. STA. (6471)	401+13.38	142944.0411	2148120.6085
P.I. STA. ( )	401+62.12	142946.1614	2148169.3099
C.C. STA. (6462)		140081.9633	2148245.2132
P.T. STA. (6472)	402+10.86	142946.6236	2148218.0553
Radius:	2864.79		
Delta:	1°56'58.97" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	97.49		
Tangent:	48.75		
Chord:	97.48		
Middle Ordinate:	0.41		
External:	0.41		
Tangent Direction:	N 87°30'25.63" E		
Radial Direction:	S 2°29'34.37" E		
Chord Direction:	N 88°28'55.12" E		
Radial Direction:	S 0°32'35.39" E		
Tangent Direction:	N 89°27'24.61" E		
Element: Linear			
P.T. STA. (6472)	402+10.86	142946.6236	2148218.0553
PC. STA. (6473)	419+18.11	142962.8080	2149925.2286
Tangent Direction:	N 89°27'24.62" E		
Tangent Length:	1707.25		

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD15

OKLAHOMA COUNTY

SDS 15 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A003 *CONTINUED
Description: SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6473)	419+18.11	142962.8080	2149925.2286
P.I. STA. ( )	420+73.29	142964.2786	2150080.3967
C.C. STA. (6528)		142604.7240	2149928.6225
P.T. STA. (6576)	422+10.97	142852.0661	2150187.5772
Radius:	358.10		
Delta:	46°51'25.05" Right		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	292.86		
Tangent:	155.18		
Chord:	284.76		
Middle Ordinate:	29.52		
External:	32.18		
Tangent Direction:	N 89°27'25.09" E		
Radial Direction:	S 0°32'34.91" E		
Chord Direction:	S 67°06'52.38" E		
Radial Direction:	S 46°18'50.15" W		
Tangent Direction:	S 43°41'09.85" E		
Element: Linear			
P.T. STA. (6576)	422+10.97	142852.0661	2150187.5772
PC. STA. (6589)	427+48.96	142470.3461	2150566.6923
Tangent Direction:	S 44°48'13.83" E		
Tangent Length:	537.99		
Element: Circular			
PC. STA. (6589)	427+48.96	142470.3461	2150566.6923
P.I. STA. ( )	428+69.64	142383.0775	2150650.0467
C.C. STA. (6510)		142223.0052	2150307.7366
P.T. STA. (6557)	429+81.76	142263.1581	2150663.5783
Radius:	358.10		
Delta:	37°14'52.21" Right		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	232.80		
Tangent:	120.68		
Chord:	228.72		
Middle Ordinate:	18.75		
External:	19.79		
Tangent Direction:	S 43°41'08.98" E		
Radial Direction:	S 46°18'51.02" W		
Chord Direction:	S 25°03'42.87" E		
Radial Direction:	S 83°33'43.24" W		
Tangent Direction:	S 6°26'16.76" E		
Element: Linear			
P.T. STA. (6557)	429+81.76	142263.1581	2150663.5783
PC. STA. (6554)	432+73.33	141973.4268	2150696.2709
Tangent Direction:	S 6°26'16.37" E		
Tangent Length:	291.57		
Element: Circular			
PC. STA. (6554)	432+73.33	141973.4268	2150696.2709
P.I. STA. ( )	434+21.88	141825.8207	2150712.9264
C.C. STA. (6509)		141652.2095	2147849.5462
P.T. STA. (6553)	435+70.15	141677.2836	2150714.2265
Radius:	2864.79		
Delta:	5°56'11.01" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	296.82		
Tangent:	148.54		
Chord:	296.69		
Middle Ordinate:	3.84		
External:	3.85		
Tangent Direction:	S 6°26'16.38" E		
Radial Direction:	S 83°33'43.62" W		
Chord Direction:	S 3°28'10.87" E		
Radial Direction:	S 89°29'54.64" W		
Tangent Direction:	S 0°30'05.36" E		
Element: Linear			
P.T. STA. (6553)	435+70.15	141677.2836	2150714.2265
PC. STA. (6487)	443+08.82	140938.6419	2150720.6918
Tangent Direction:	S 0°30'05.37" E		
Tangent Length:	738.67		
Element: Circular			
PC. STA. (6487)	443+08.82	140938.6419	2150720.6918
P.I. STA. ( )	444+21.61	140825.8581	2150721.6789
C.C. STA. (6480)		140921.9258	2148810.9059
P.T. STA. (6488)	445+34.14	140713.7420	2150709.3845
Radius:	1909.86		
Delta:	6°45'33.99" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	225.31		
Tangent:	112.79		
Chord:	225.18		
Middle Ordinate:	3.32		
External:	3.33		
Tangent Direction:	S 0°30'05.36" E		
Radial Direction:	S 89°29'54.64" W		
Chord Direction:	S 2°52'41.63" W		
Radial Direction:	N 83°44'31.38" W		
Tangent Direction:	S 6°15'28.62" W		

SDS 16 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A003 *CONTINUED
Description: SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6488)	445+34.14	140713.7420	2150709.3845
PC. STA. (6489)	447+71.07	140478.2238	2150683.5580
Tangent Direction:	S 6°15'28.63" W		
Tangent Length:	236.93		
Element: Circular			
PC. STA. (6489)	447+71.07	140478.2238	2150683.5580
P.I. STA. ( )	448+88.50	140361.4928	2150670.7574
C.C. STA. (6474)		140353.3134	2151822.6457
P.T. STA. (6490)	450+05.11	140244.5917	2150681.8990
Radius:	1145.92		
Delta:	11°42'08.01" Left		
Degree of Curvature(Arc):	4°59'59.99"		
Length:	234.04		
Tangent:	117.43		
Chord:	233.64		
Middle Ordinate:	5.97		
External:	6.00		
Tangent Direction:	S 6°15'28.64" W		
Radial Direction:	N 83°44'31.36" W		
Chord Direction:	S 0°24'24.63" W		
Radial Direction:	S 84°33'20.62" W		
Tangent Direction:	S 5°26'39.38" E		
Project Name: EC-1060*Crossroads			
Description:	survey alg for Crossroads Interchange		
Horizontal Alignment Name:	A004		
Description:	SE of I-240		
Style:	Default		
	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6602)	432+87.86	140350.6568	2151068.0977
PC. STA. (6601)	441+57.57	141217.7631	2151075.3830
Tangent Direction:	N 4°26'13.63" E		
Tangent Length:	869.71		
Element: Circular			
PC. STA. (6601)	441+57.57	141217.7631	2151075.3830
P.I. STA. ( )	443+16.88	141378.5911	2151087.7076
C.C. STA. (6345)		141276.8667	2150313.7137
P.R.C. STA. (6600)	444+71.68	141527.1081	2151035.5257
Radius:	763.96		
Delta:	23°33'28.00" Left		
Degree of Curvature(Arc):	7°29'59.46"		
Length:	314.11		
Tangent:	159.31		
Chord:	311.90		
Middle Ordinate:	14.09		
External:	15.43		
Tangent Direction:	N 4°26'13.61" E		
Radial Direction:	S 85°33'46.39" E		
Chord Direction:	N 7°20'30.39" W		
Radial Direction:	N 70°52'45.61" E		
Tangent Direction:	N 19°07'14.39" W		
Element: Circular			
P.R.C. STA. (6600)	444+71.68	141527.1081	2151035.5257
P.I. STA. ( )	445+96.92	141645.4330	2150994.5042
C.C. STA. (6344)		141777.3488	2151757.3359
P.T. STA. (6599)	447+19.94	141770.6623	2150993.4081
Radius:	763.96		
Delta:	18°37'09.04" Right		
Degree of Curvature(Arc):	7°29'59.53"		
Length:	248.26		
Tangent:	125.23		
Chord:	247.17		
Middle Ordinate:	10.06		
External:	10.20		
Tangent Direction:	N 19°07'14.39" W		
Radial Direction:	N 70°52'45.61" E		
Chord Direction:	N 9°48'39.87" W		
Radial Direction:	N 89°29'54.65" E		
Tangent Direction:	N 0°30'05.35" W		
Element: Linear			
P.T. STA. (6599)	447+19.94	141770.6623	2150993.4081
PC. STA. (6598)	451+06.07	142156.7775	2150990.0285
Tangent Direction:	N 0°30'05.37" W		
Tangent Length:	386.13		
Element: Circular			
PC. STA. (6598)	451+06.07	142156.7775	2150990.0285
P.I. STA. ( )	453+05.57	142356.2692	2150988.2824
C.C. STA. (6341)		142160.7894	2151448.3809
P.T. STA. (6594)	454+82.40	142493.4960	2151133.0884
Radius:	458.37		
Delta:	47°02'27.11" Right		
Degree of Curvature(Arc):	12°29'59.63"		
Length:	376.33		
Tangent:	199.50		
Chord:	365.85		
Middle Ordinate:	38.08		
External:	41.53		
Tangent Direction:	N 0°30'05.37" W		
Radial Direction:	N 89°29'54.63" E		
Chord Direction:	N 23°01'08.18" E		
Radial Direction:	S 43°27'38.26" E		
Tangent Direction:	N 46°32'21.74" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A004 *CONTINUED
Description: SE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6594)	454+82.40	142493.4960	2151133.0884
PC. STA. (6593)	457+09.27	142649.5476	2151297.7635
Tangent Direction:	N 46°32'24.60" E		
Tangent Length:	226.87		
Element: Circular			
PC. STA. (6593)	457+09.27	142649.5476	2151297.7635
P.I. STA. ( )	458+90.06	142773.9006	2151428.9884
C.C. STA. (6343)		142316.8366	2151613.0514
P.T. STA. (6586)	460+53.67	142775.1949	2151609.7699
Radius:	458.37		
Delta:	43°02'58.73" Right		
Degree of Curvature(Arc):	12°29'59.63"		
Length:	344.40		
Tangent:	180.79		
Chord:	336.36		
Middle Ordinate:	31.97		
External:	34.36		
Tangent Direction:	N 46°32'24.60" E		
Radial Direction:	S 43°27'35.40" E		
Chord Direction:	N 68°03'53.96" E		
Radial Direction:	S 0°24'36.67" E		
Tangent Direction:	N 89°35'23.33" E		
Element: Linear			
P.T. STA. (6586)	460+53.67	142775.1949	2151609.7699
PC. STA. (6578)	469+86.31	142781.8660	2152542.3861
Tangent Direction:	N 89°35'24.60" E		
Tangent Length:	932.64		
Element: Circular			
PC. STA. (6578)	469+86.31	142781.8660	2152542.3861
P.I. STA. ( )	472+93.36	142784.0622	2152849.4253
C.C. STA. (6336)		141635.9753	2152550.5827
P.T. STA. (6577)	475+86.31	142632.4452	2153116.4276
Radius:	1145.92		
Delta:	29°59'59.58" Right		
Degree of Curvature(Arc):	4°59'59.93"		
Length:	600.00		
Tangent:	307.05		
Chord:	593.17		
Middle Ordinate:	39.05		
External:	40.42		
Tangent Direction:	N 89°35'24.60" E		
Radial Direction:	S 0°24'35.40" E		
Chord Direction:	S 75°24'35.61" E		
Radial Direction:	S 29°35'24.18" W		
Tangent Direction:	S 60°24'35.82" E		
Element: Linear			
P.T. STA. (6577)	475+86.31	142632.4452	2153116.4276
P.O.E. STA. (6574)	478+93.21	142480.9001	2153383.2928
Tangent Direction:	S 60°24'32.44" E		
Tangent Length:	306.89		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A005
Description: RAMP NW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6685)	419+66.88	143140.8879	2149983.1129
S.P.I. STA. (6300)	420+67.31	143141.8263	2150083.5366
S.C. STA. (6686)	421+17.17	143152.7655	2150132.6419
Entrance Radius:	0.00		
Exit Radius:	358.10		
Length:	150.29		
Angle:	12°01'24.23" Left		
Constant:	231.99		
Long Tangent:	100.43		
Short Tangent:	50.31		
Long Chord:	150.00		
Xs:	149.63		
Ys:	10.48		
P:	2.62		
K:	75.04		
Tangent Direction:	N 89°27'52.71" E		
Radial Direction:	S 0°32'07.29" E		
Chord Direction:	N 85°27'30.03" E		
Radial Direction:	S 12°33'31.51" E		
Tangent Direction:	N 77°26'28.49" E		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(11) PROJECT NO. 0903207 SHEET NO. SD16

OKLAHOMA COUNTY

Preliminary Plans

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A005 *CONTINUED
Description: RAMP NW of I-240
Style: Default

	STATION	NORTHING	EASTING

Element: Clothoid

C.S. STA. (6687)	422+46.42	143202.7522	2150251.0751
S.P.I. STA. (6301)	422+96.73	143230.3049	2150293.1685
S.T. STA. (6688)	423+96.72	143301.6035	2150363.8955

Entrance Radius:	358.10
Exit Radius:	0.00
Length:	150.29
Angle:	12°01'24.22" Left
Constant:	231.99
Long Tangent:	100.43
Short Tangent:	50.31
Long Chord:	150.00
Xs:	149.63
Ys:	10.48
P:	2.62
K:	75.04
Tangent Direction:	N 56°47'34.07" E
Radial Direction:	S 33°12'25.93" E
Chord Direction:	N 48°46'32.55" E
Radial Direction:	S 45°13'50.14" E
Tangent Direction:	N 44°46'09.86" E

Element: Linear

S.T. STA. (6688)	423+96.72	143301.6035	2150363.8955
T.S. STA. (6695)	427+32.09	143556.3197	2150582.0510

Tangent Direction:	N 40°34'44.03" E
Tangent Length:	335.37

Element: Clothoid

T.S. STA. (6695)	427+32.09	143556.3197	2150582.0510
S.P.I. STA. (6302)	428+32.51	143627.6006	2150652.7958
S.C. STA. (6694)	428+82.38	143669.9076	2150680.0193

Entrance Radius:	0.00
Exit Radius:	358.10
Length:	150.29
Angle:	12°01'24.18" Left
Constant:	231.99
Long Tangent:	100.43
Short Tangent:	50.31
Long Chord:	150.00
Xs:	149.63
Ys:	10.48
P:	2.62
K:	75.04
Tangent Direction:	N 44°47'01.42" E
Radial Direction:	S 45°12'58.58" E
Chord Direction:	N 40°46'38.74" E
Radial Direction:	S 57°14'22.77" E
Tangent Direction:	N 32°45'37.23" E

Element: Circular

S.C. STA. (6694)	428+82.38	143669.9076	2150680.0193
P.I. STA. ( )	429+49.14	143726.0371	2150716.1588
C.C. STA. (6399)		143863.7661	2150378.9305
C.S. STA. (6693)	430+14.38	143791.4181	2150729.6460

Radius:	358.10
Delta:	21°07'11.73" Left
Degree of Curvature(Arc):	15°59'59.78"
Length:	132.00
Tangent:	66.76
Chord:	131.25
Middle Ordinate:	6.06
External:	6.17
Tangent Direction:	N 32°46'32.87" E
Radial Direction:	S 57°13'27.13" E
Chord Direction:	N 22°12'57.00" E
Radial Direction:	S 78°20'38.87" E
Tangent Direction:	N 11°39'21.13" E

Element: Clothoid

C.S. STA. (6693)	430+14.38	143791.4181	2150729.6460
S.P.I. STA. (6303)	430+64.69	143840.6869	2150739.8235
S.T. STA. (6692)	431+64.67	143941.1131	2150739.2063

Entrance Radius:	358.10
Exit Radius:	0.00
Length:	150.29
Angle:	12°01'24.69" Left
Constant:	231.99
Long Tangent:	100.43
Short Tangent:	50.31
Long Chord:	150.00
Xs:	149.63
Ys:	10.48
P:	2.62
K:	75.04
Tangent Direction:	N 11°40'17.11" E
Radial Direction:	S 78°19'42.89" E
Chord Direction:	N 3°39'15.26" E
Radial Direction:	N 89°38'52.42" E
Tangent Direction:	N 0°21'07.58" W

SDS 17 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A005 *CONTINUED
Description: RAMP NW of I-240
Style: Default

	STATION	NORTHING	EASTING

Element: Linear

S.T. STA. (6692)	431+64.67	143941.1131	2150739.2063
PC. STA. (6691)	432+11.57	143988.0122	2150738.9245

Tangent Direction:	N 0°20'39.33" W
Tangent Length:	46.90

Element: Circular

PC. STA. (6691)	432+11.57	143988.0122	2150738.9245
P.I. STA. ( )	432+79.92	144056.3571	2150738.5139
C.C. STA. (6398)		143997.7548	2152360.4853
P.T. STA. (6690)	433+48.18	144124.4942	2150743.8557

Radius:	1621.59
Delta:	4°49'36.85" Right
Degree of Curvature(Arc):	3°31'59.91"
Length:	136.61
Tangent:	68.35
Chord:	136.57
Middle Ordinate:	1.44
External:	1.44
Tangent Direction:	N 0°20'39.25" W
Radial Direction:	N 89°39'20.75" E
Chord Direction:	N 2°04'09.17" E
Radial Direction:	S 85°31'02.41" E
Tangent Direction:	N 4°28'57.59" E

Element: Linear

P.T. STA. (6690)	433+48.18	144124.4942	2150743.8557
P.I. STA. (6689)	436+36.11	144411.5434	2150766.3597

Tangent Direction:	N 4°28'57.67" E
Tangent Length:	287.93

Element: Linear

P.I. STA. (6689)	436+36.11	144411.5434	2150766.3597
P.I. STA. (6511)	437+86.11	144561.4456	2150771.7757

Tangent Direction:	N 2°04'09.17" E
Tangent Length:	150.00

Element: Linear

P.I. STA. (6511)	437+86.11	144561.4456	2150771.7757
P.I. STA. (6512)	437+90.78	144566.1155	2150771.7476

Tangent Direction:	N 0°20'39.33" W
Tangent Length:	4.67

Element: Linear

P.I. STA. (6512)	437+90.78	144566.1155	2150771.7476
PC. STA. (6513)	440+93.42	144868.2658	2150754.5384

Tangent Direction:	N 3°15'35.33" W
Tangent Length:	302.64

Element: Circular

PC. STA. (6513)	440+93.42	144868.2658	2150754.5384
P.I. STA. ( )	441+51.58	144926.3742	2150751.2287
C.C. STA. (6330)		144705.3631	2147894.3847
P.T. STA. (6514)	442+09.81	144984.3001	2150745.5617

Radius:	2864.79
Delta:	2°19'40.01" Left
Degree of Curvature(Arc):	2°00'00.00"
Length:	116.39
Tangent:	58.20
Chord:	116.38
Middle Ordinate:	0.59
External:	0.59
Tangent Direction:	N 3°15'35.33" W
Radial Direction:	N 86°44'24.67" E
Chord Direction:	N 4°25'25.33" W
Radial Direction:	N 84°24'44.67" E
Tangent Direction:	N 5°35'15.33" W

Element: Linear

P.T. STA. (6514)	442+09.81	144984.3001	2150745.5617
PC. STA. (6515)	445+63.55	145336.3593	2150711.1190

Tangent Direction:	N 5°35'15.33" W
Tangent Length:	353.74

Element: Circular

PC. STA. (6515)	445+63.55	145336.3593	2150711.1190
P.I. STA. ( )	445+69.04	145341.8198	2150710.5847
C.C. STA. (6331)		145333.9250	2150686.2378
P.T. STA. (6516)	445+74.35	145346.5547	2150707.8130

Radius:	25.00
Delta:	24°45'21.47" Left
Degree of Curvature(Arc):	229°10'59.22"
Length:	10.80
Tangent:	5.49
Chord:	10.72
Middle Ordinate:	0.58
External:	0.59
Tangent Direction:	N 5°35'16.64" W
Radial Direction:	N 84°24'43.36" E
Chord Direction:	N 17°57'57.38" W
Radial Direction:	N 59°39'21.88" E
Tangent Direction:	N 30°20'38.12" W

Element: Linear

P.T. STA. (6516)	445+74.35	145346.5547	2150707.8130
P.O.E. STA. (6517)	445+88.86	145359.0769	2150700.4826

Tangent Direction:	N 30°20'39.33" W
Tangent Length:	14.51

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A006
Description: RAMP NE of I-240
Style: Default

	STATION	NORTHING	EASTING

Element: Clothoid

T.S. STA. (6711)	79+34.35	142961.8980	2151777.2995
S.P.I. STA. (6312)	80+34.78	142961.1659	2151676.8741
S.C. STA. (6710)	80+84.64	142971.2870	2151627.5936

Entrance Radius:	0.00
Exit Radius:	358.10
Length:	150.29
Angle:	12°01'24.49" Right
Constant:	231.99
Long Tangent:	100.43
Short Tangent:	50.31
Long Chord:	150.00
Xs:	149.63
Ys:	10.48
P:	2.62
K:	75.04
Tangent Direction:	S 89°34'56.41" W
Radial Direction:	N 0°25'03.59" W
Chord Direction:	N 86°24'40.81" W
Radial Direction:	N 11°36'20.90" E
Tangent Direction:	N 78°23'39.10" W

Element: Circular

S.C. STA. (6710)	80+84.64	142971.2870	2151627.5936
P.I. STA. ( )	81+50.98	142984.6150	2151562.6074
C.C. STA. (6304)		143322.0853	2151699.5388
C.S. STA. (6709)	82+15.83	143020.3373	2151506.7079

Radius:	358.10
Delta:	20°59'25.39" Right
Degree of Curvature(Arc):	15°59'59.78"
Length:	131.19
Tangent:	66.34
Chord:	130.46
Middle Ordinate:	5.99
External:	6.09
Tangent Direction:	N 78°24'35.76" W
Radial Direction:	N 11°35'24.24" E
Chord Direction:	N 67°54'53.07" W
Radial Direction:	N 32°34'49.62" E
Tangent Direction:	N 57°25'10.38" W

Element: Clothoid

C.S. STA. (6709)	82+15.83	143020.3373	2151506.7079
S.P.I. STA. (6313)	82+66.14	143047.4163	2151464.3082
S.T. STA. (6708)	83+66.13	143117.9174	2151392.7863

Entrance Radius:	358.10
Exit Radius:	0.00
Length:	150.29
Angle:	12°01'24.49" Right
Constant:	231.99
Long Tangent:	100.43
Short Tangent:	50.31
Long Chord:	150.00
Xs:	149.63
Ys:	10.48
P:	2.62
K:	75.04
Tangent Direction:	N 57°26'07.04" W
Radial Direction:	N 32°33'52.96" E
Chord Direction:	N 49°25'05.33" W
Radial Direction:	N 44°35'17.45" E
Tangent Direction:	N 45°24'42.55" W

Element: Linear

S.T. STA. (6708)	83+66.13	143117.9174	2151392.7863
T.S. STA. (6707)	88+30.10	143443.5820	2151062.3159

Tangent Direction:	N 45°25'10.74" W
Tangent Length:	463.97

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

DESCRIPTION	REVISIONS	DATE

Preliminary Plans

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD17

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A006 *CONTINUED
Description: RAMP NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6707)	88+30.10	143443.5820	2151062.3159
S.P.I. STA. (6314)	89+30.53	143514.0636	2150990.7747
S.C. STA. (6706)	89+80.39	143556.0621	2150963.0776
Entrance Radius:	0.00		
Exit Radius:	358.10		
Length:	150.29		
Angle:	12°01'24.49" Right		
Constant:	231.99		
Long Tangent:	100.43		
Short Tangent:	50.31		
Long Chord:	150.00		
Xs:	149.63		
Ys:	10.48		
P:	2.62		
K:	75.04		
Tangent Direction:	N 45°25'38.93" W		
Radial Direction:	N 44°34'21.07" E		
Chord Direction:	N 41°25'16.15" W		
Radial Direction:	N 56°35'45.56" E		
Tangent Direction:	N 33°24'14.44" W		
Element: Circular			
S.C. STA. (6706)	89+80.39	143556.0621	2150963.0776
P.I. STA. ( )	90+47.01	143611.6654	2150926.3862
C.C. STA. (6305)		143753.2930	2151261.9681
C.S. STA. (6705)	91+12.12	143676.7437	2150912.1456
Radius:	358.10		
Delta:	21°04'36.47" Right		
Degree of Curvature(Arc):	15°59'59.78"		
Length:	131.73		
Tangent:	66.62		
Chord:	130.99		
Middle Ordinate:	6.04		
External:	6.14		
Tangent Direction:	N 33°25'11.64" W		
Radial Direction:	N 56°34'48.36" E		
Chord Direction:	N 22°52'53.41" W		
Radial Direction:	N 77°39'24.82" E		
Tangent Direction:	N 12°20'35.18" W		
Element: Clothoid			
C.S. STA. (6705)	91+12.12	143676.7437	2150912.1456
S.P.I. STA. (6315)	91+62.43	143725.8868	2150901.3776
S.T. STA. (6704)	92+62.42	143826.3132	2150900.7895
Entrance Radius:	358.10		
Exit Radius:	0.00		
Length:	150.29		
Angle:	12°01'24.49" Right		
Constant:	231.99		
Long Tangent:	100.43		
Short Tangent:	50.31		
Long Chord:	150.00		
Xs:	149.63		
Ys:	10.48		
P:	2.62		
K:	75.04		
Tangent Direction:	N 12°21'32.38" W		
Radial Direction:	N 77°38'27.62" E		
Chord Direction:	N 4°20'30.67" W		
Radial Direction:	N 89°39'52.11" E		
Tangent Direction:	N 0°20'07.89" W		
Element: Linear			
S.T. STA. (6704)	92+62.42	143826.3132	2150900.7895
PC. STA. (6703)	92+68.87	143832.7631	2150900.7508
Tangent Direction:	N 0°20'36.08" W		
Tangent Length:	6.45		
Element: Circular			
PC. STA. (6703)	92+68.87	143832.7631	2150900.7508
P.I. STA. ( )	93+36.35	143899.7346	2150892.4278
C.C. STA. (6306)		143974.0876	2152037.9228
P.T. STA. (6702)	94+03.68	143967.2201	2150892.0234
Radius:	1145.92		
Delta:	6°44'27.10" Right		
Degree of Curvature(Arc):	4°59'59.93"		
Length:	134.82		
Tangent:	67.49		
Chord:	134.74		
Middle Ordinate:	1.98		
External:	1.99		
Tangent Direction:	N 7°05'03.26" W		
Radial Direction:	N 82°54'56.74" E		
Chord Direction:	N 3°42'49.71" W		
Radial Direction:	N 89°39'23.84" E		
Tangent Direction:	N 0°20'36.16" W		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A006 *CONTINUED
Description: RAMP NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6702)	94+03.68	143967.2201	2150892.0234
PC. STA. (6701)	94+58.50	144021.6216	2150885.2625
Tangent Direction:	N 7°05'03.33" W		
Tangent Length:	54.82		
Element: Circular			
PC. STA. (6701)	94+58.50	144021.6216	2150885.2625
P.I. STA. ( )	95+57.74	144120.0961	2150873.0243
C.C. STA. (6307)		144229.4516	2152557.5676
P.T. STA. (6697)	96+56.74	144219.3265	2150872.4281
Radius:	1685.17		
Delta:	6°44'24.00" Right		
Degree of Curvature(Arc):	3°24'00.00"		
Length:	198.24		
Tangent:	99.23		
Chord:	198.12		
Middle Ordinate:	2.91		
External:	2.92		
Tangent Direction:	N 7°05'03.33" W		
Radial Direction:	N 82°54'56.67" E		
Chord Direction:	N 3°42'51.33" W		
Radial Direction:	N 89°39'20.67" E		
Tangent Direction:	N 0°20'39.33" W		
Element: Linear			
P.T. STA. (6697)	96+56.74	144219.3265	2150872.4281
PC. STA. (6696)	96+80.21	144242.7960	2150872.2870
Tangent Direction:	N 0°20'39.33" W		
Tangent Length:	23.47		
Element: Circular			
PC. STA. (6696)	96+80.21	144242.7960	2150872.2870
P.I. STA. ( )	97+47.51	144309.8469	2150866.5174
C.C. STA. (6308)		144387.2696	2152551.2526
P.T. STA. (6712)	98+14.74	144377.1442	2150866.1130
Radius:	1685.17		
Delta:	4°34'25.95" Right		
Degree of Curvature(Arc):	3°24'00.00"		
Length:	134.53		
Tangent:	67.30		
Chord:	134.49		
Middle Ordinate:	1.34		
External:	1.34		
Tangent Direction:	N 4°55'05.30" W		
Radial Direction:	N 85°04'54.70" E		
Chord Direction:	N 2°37'52.33" W		
Radial Direction:	N 89°39'20.64" E		
Tangent Direction:	N 0°20'39.36" W		
Element: Linear			
P.T. STA. (6712)	98+14.74	144377.1442	2150866.1130
PC. STA. (6713)	98+30.62	144392.9658	2150864.7516
Tangent Direction:	N 4°55'05.33" W		
Tangent Length:	15.88		
Element: Circular			
PC. STA. (6713)	98+30.62	144392.9658	2150864.7516
P.I. STA. ( )	98+97.91	144460.0166	2150858.9819
C.C. STA. (6309)		144537.4394	2152543.7171
P.T. STA. (6714)	99+65.14	144527.3140	2150858.5775
Radius:	1685.17		
Delta:	4°34'25.95" Right		
Degree of Curvature(Arc):	3°24'00.00"		
Length:	134.53		
Tangent:	67.30		
Chord:	134.49		
Middle Ordinate:	1.34		
External:	1.34		
Tangent Direction:	N 4°55'05.30" W		
Radial Direction:	N 85°04'54.70" E		
Chord Direction:	N 2°37'52.33" W		
Radial Direction:	N 89°39'20.64" E		
Tangent Direction:	N 0°20'39.36" W		
Element: Linear			
P.T. STA. (6714)	99+65.14	144527.3140	2150858.5775
PC. STA. (6715)	99+74.05	144536.2236	2150858.4981
Tangent Direction:	N 0°30'39.33" W		
Tangent Length:	8.91		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A006 *CONTINUED
Description: RAMP NE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6715)	99+74.05	144536.2236	2150858.4981
P.I. STA. ( )	100+57.84	144620.0121	2150857.9946
C.C. STA. (6310)		144547.6990	2152768.3236
P.T. STA. (6716)	101+41.52	144703.5228	2150864.8310
Radius:	1909.86		
Delta:	5°01'27.04" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	167.47		
Tangent:	83.79		
Chord:	167.42		
Middle Ordinate:	1.84		
External:	1.84		
Tangent Direction:	N 0°20'39.35" W		
Radial Direction:	N 89°39'20.65" E		
Chord Direction:	N 2°10'04.17" E		
Radial Direction:	S 85°19'12.31" E		
Tangent Direction:	N 4°40'47.69" E		
Element: Linear			
P.T. STA. (6716)	101+41.52	144703.5228	2150864.8310
PC. STA. (6717)	106+97.35	145257.4997	2150910.1806
Tangent Direction:	N 4°40'47.67" E		
Tangent Length:	555.83		
Element: Circular			
PC. STA. (6717)	106+97.35	145257.4997	2150910.1806
P.I. STA. ( )	107+02.89	145263.0183	2150910.6323
C.C. STA. (6311)		145255.4601	2150935.0973
P.T. STA. (6718)	107+08.25	145267.8300	2150913.3720
Radius:	25.00		
Delta:	24°58'35.66" Right		
Degree of Curvature(Arc):	229°10'59.22"		
Length:	10.90		
Tangent:	5.54		
Chord:	10.81		
Middle Ordinate:	0.59		
External:	0.61		
Tangent Direction:	N 4°40'46.34" E		
Radial Direction:	S 85°19'13.66" E		
Chord Direction:	N 17°10'04.17" E		
Radial Direction:	S 60°20'38.00" E		
Tangent Direction:	N 29°39'22.00" E		
Element: Linear			
P.T. STA. (6718)	107+08.25	145267.8300	2150913.3720
P.O.E. STA. (6719)	107+22.71	145280.3959	2150920.5266
Tangent Direction:	N 29°39'20.67" E		
Tangent Length:	14.46		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A007
Description: RAMP SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6503)	55+77.56	140595.8439	2150729.2354
PC. STA. (6502)	55+90.86	140606.5685	2150737.1013
Tangent Direction:	N 36°15'28.63" E		
Tangent Length:	13.30		
Element: Circular			
PC. STA. (6502)	55+90.86	140606.5685	2150737.1013
P.I. STA. ( )	55+97.56	140611.9701	2150741.0631
C.C. STA. (6491)		140621.3541	2150716.9423
P.T. STA. (6501)	56+03.95	140618.6290	2150741.7933
Radius:	25.00		
Delta:	30°00'00.41" Left		
Degree of Curvature(Arc):	229°10'59.22"		
Length:	13.09		
Tangent:	6.70		
Chord:	12.94		
Middle Ordinate:	0.85		
External:	0.88		
Tangent Direction:	N 36°15'28.83" E		
Radial Direction:	S 53°44'31.17" E		
Chord Direction:	N 21°15'28.63" E		
Radial Direction:	S 83°44'31.57" E		
Tangent Direction:	N 6°15'28.43" E		
Element: Linear			
P.T. STA. (6501)	56+03.95	140618.6290	2150741.7933
PC. STA. (6500)	57+74.98	140788.6398	2150760.4364
Tangent Direction:	N 6°15'28.63" E		
Tangent Length:	171.03		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SDI8

OKLAHOMA COUNTY

SDS 18 OF 46

Preliminary Plans

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A007 *CONTINUED
Description: RAMP SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6500)	57+74.98	140788.6398	2150760.4364
P.I. STA. ( )	58+07.69	140821.1520	2150764.0016
C.C. STA. (6486)		140944.7777	2149336.5777
P.T. STA. (6499)	58+40.38	140853.7929	2150766.0791
Radius:		1432.39	
Delta:		2°36'57.99" Left	
Degree of Curvature(Arc):		4°00'00.00"	
Length:		65.40	
Tangent:		32.71	
Chord:		65.40	
Middle Ordinate:		0.37	
External:		0.37	
Tangent Direction:		N 6°15'28.62" E	
Radial Direction:		S 83°44'31.38" E	
Chord Direction:		N 4°56'59.63" E	
Radial Direction:		S 86°21'29.36" E	
Tangent Direction:		N 3°38'30.64" E	
Element: Linear			
P.T. STA. (6499)	58+40.38	140853.7929	2150766.0791
PC. STA. (6684)	62+39.89	141252.4962	2150791.4558
Tangent Direction:		N 3°38'30.63" E	
Tangent Length:		399.51	
Element: Circular			
PC. STA. (6684)	62+39.89	141252.4962	2150791.4558
P.I. STA. ( )	63+08.98	141321.4423	2150795.8440
C.C. STA. (6386)		141373.8091	2148885.4535
P.T. STA. (6679)	63+78.00	141390.5253	2150795.2394
Radius:		1909.86	
Delta:		4°08'36.00" Left	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		138.11	
Tangent:		69.09	
Chord:		138.08	
Middle Ordinate:		1.25	
External:		1.25	
Tangent Direction:		N 3°38'30.63" E	
Radial Direction:		S 86°21'29.37" E	
Chord Direction:		N 1°34'12.63" E	
Radial Direction:		N 89°29'54.63" E	
Tangent Direction:		N 0°30'05.37" W	
Element: Linear			
P.T. STA. (6679)	63+78.00	141390.5253	2150795.2394
P.I. STA. (6678)	63+87.39	141399.9150	2150795.1572
Tangent Direction:		N 0°30'05.37" W	
Tangent Length:		9.39	
Element: Linear			
P.I. STA. (6678)	63+87.39	141399.9150	2150795.1572
P.I. STA. (6677)	65+30.33	141542.7016	2150788.5582
Tangent Direction:		N 2°38'45.87" W	
Tangent Length:		142.94	
Element: Linear			
P.I. STA. (6677)	65+30.33	141542.7016	2150788.5582
PC. STA. (6680)	65+47.74	141560.0507	2150787.1042
Tangent Direction:		N 4°47'26.37" W	
Tangent Length:		17.41	
Element: Circular			
PC. STA. (6680)	65+47.74	141560.0507	2150787.1042
P.I. STA. ( )	66+19.26	141631.3205	2150781.1312
C.C. STA. (6387)		141719.5534	2152690.2911
P.T. STA. (6681)	66+90.72	141702.8373	2150780.5052
Radius:		1909.86	
Delta:		4°17'21.02" Right	
Degree of Curvature(Arc):		3°00'00.00"	
Length:		142.97	
Tangent:		71.52	
Chord:		142.94	
Middle Ordinate:		1.34	
External:		1.34	
Tangent Direction:		N 4°47'26.38" W	
Radial Direction:		N 85°12'33.62" E	
Chord Direction:		N 2°38'45.87" W	
Radial Direction:		N 89°29'54.64" E	
Tangent Direction:		N 0°30'05.36" W	
Element: Linear			
P.T. STA. (6681)	66+90.72	141702.8373	2150780.5052
P.I. STA. (6676)	67+09.84	141721.9566	2150780.3379
Tangent Direction:		N 0°30'05.37" W	
Tangent Length:		19.12	
Element: Linear			
P.I. STA. (6676)	67+09.84	141721.9566	2150780.3379
P.I. STA. (6675)	69+07.66	141919.4218	2150768.3633
Tangent Direction:		N 3°28'12.87" W	
Tangent Length:		197.83	
Element: Linear			
P.I. STA. (6675)	69+07.66	141919.4218	2150768.3633
PC. STA. (6682)	69+93.94	142005.1576	2150758.6874
Tangent Direction:		N 6°26'20.37" W	
Tangent Length:		86.28	

SDS 19 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A007 *CONTINUED
Description: RAMP SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6682)	69+93.94	142005.1576	2150758.6874
P.I. STA. ( )	70+59.97	142070.7722	2150751.2824
C.C. STA. (6389)		142147.9451	2152023.8957
P.T. STA. (6683)	71+25.89	142136.8008	2150750.7044
Radius:		1273.24	
Delta:		5°56'14.93" Right	
Degree of Curvature(Arc):		4°29'59.99"	
Length:		131.94	
Tangent:		66.03	
Chord:		131.88	
Middle Ordinate:		1.71	
External:		1.71	
Tangent Direction:		N 6°26'20.33" W	
Radial Direction:		N 83°33'39.67" E	
Chord Direction:		N 3°28'12.87" W	
Radial Direction:		N 89°29'54.59" E	
Tangent Direction:		N 0°30'05.41" W	
Element: Linear			
P.T. STA. (6683)	71+25.89	142136.8008	2150750.7044
T.S. STA. (6674)	71+42.21	142153.1201	2150750.5616
Tangent Direction:		N 0°30'05.37" W	
Tangent Length:		16.32	
Element: Clothoid			
T.S. STA. (6674)	71+42.21	142153.1201	2150750.5616
S.P.I. STA. (6395)	72+42.64	142253.5445	2150749.6961
S.C. STA. (6673)	72+92.50	142302.6577	2150738.7928
Entrance Radius:		0.00	
Exit Radius:		358.10	
Length:		150.29	
Angle:		12°01'24.49" Left	
Constant:		231.99	
Long Tangent:		100.43	
Short Tangent:		50.31	
Long Chord:		150.00	
Xs:		149.63	
Ys:		10.48	
P:		2.62	
K:		75.04	
Tangent Direction:		N 0°29'37.16" W	
Radial Direction:		N 89°30'22.82" E	
Chord Direction:		N 4°29'59.96" W	
Radial Direction:		N 77°58'58.33" E	
Tangent Direction:		N 12°31'01.67" W	
Element: Circular			
S.C. STA. (6673)	72+92.50	142302.6577	2150738.7928
P.I. STA. ( )	73+53.31	142362.0345	2150725.6767
C.C. STA. (6390)		142225.4172	2150389.1222
C.S. STA. (6672)	74+12.97	142413.7535	2150693.6957
Radius:		358.10	
Delta:		19°16'28.87" Left	
Degree of Curvature(Arc):		15°59'59.78"	
Length:		120.47	
Tangent:		60.81	
Chord:		119.90	
Middle Ordinate:		5.05	
External:		5.13	
Tangent Direction:		N 12°27'22.77" W	
Radial Direction:		N 77°32'37.23" E	
Chord Direction:		N 22°05'37.20" W	
Radial Direction:		N 58°16'08.37" E	
Tangent Direction:		N 31°43'51.63" W	
Element: Clothoid			
T.S. STA. (6672)	74+12.97	142413.7535	2150693.6957
S.P.I. STA. (6394)	74+63.28	142456.5707	2150667.2820
S.T. STA. (6671)	75+63.26	142529.1846	2150597.9061
Entrance Radius:		358.10	
Exit Radius:		0.00	
Length:		150.29	
Angle:		12°01'24.49" Left	
Constant:		231.99	
Long Tangent:		100.43	
Short Tangent:		50.31	
Long Chord:		150.00	
Xs:		149.63	
Ys:		10.48	
P:		2.62	
K:		75.04	
Tangent Direction:		N 31°40'12.73" W	
Radial Direction:		N 58°19'47.27" E	
Chord Direction:		N 39°41'14.44" W	
Radial Direction:		N 46°18'22.78" E	
Tangent Direction:		N 43°41'37.22" W	
Element: Linear			
S.T. STA. (6671)	75+63.26	142529.1846	2150597.9061
T.S. STA. (6670)	80+25.58	142863.3533	2150278.4218
Tangent Direction:		N 43°42'47.01" W	
Tangent Length:		462.32	

Preliminary Plans

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A007 *CONTINUED
Description: RAMP SW of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6670)	80+25.58	142863.3533	2150278.4218
S.P.I. STA. (6393)	81+26.01	142935.9859	2150209.0654
S.C. STA. (6660)	81+75.88	142964.3351	2150167.5044
Entrance Radius:		0.00	
Exit Radius:		358.10	
Length:		150.29	
Angle:		12°01'24.49" Left	
Constant:		231.99	
Long Tangent:		100.43	
Short Tangent:		50.31	
Long Chord:		150.00	
Xs:		149.63	
Ys:		10.48	
P:		2.62	
K:		75.04	
Tangent Direction:		N 43°40'41.53" W	
Radial Direction:		N 46°19'18.47" E	
Chord Direction:		N 47°41'04.31" W	
Radial Direction:		N 34°17'53.98" E	
Tangent Direction:		N 55°42'06.02" W	
Element: Circular			
S.C. STA. (6660)	81+75.88	142964.3351	2150167.5044
P.I. STA. ( )	82+48.81	143005.5397	2150107.3216
C.C. STA. (6391)		142668.8542	2149965.2011
C.S. STA. (6659)	83+19.78	143019.9226	2150035.8169
Radius:		358.10	
Delta:		23°01'29.16" Left	
Degree of Curvature(Arc):		15°59'59.78"	
Length:		143.91	
Tangent:		72.94	
Chord:		142.94	
Middle Ordinate:		7.20	
External:		7.35	
Tangent Direction:		N 55°36'07.97" W	
Radial Direction:		N 34°23'52.03" E	
Chord Direction:		N 67°06'52.55" W	
Radial Direction:		N 11°22'22.87" E	
Tangent Direction:		N 78°37'37.13" W	
Element: Clothoid			
C.S. STA. (6659)	83+19.78	143019.9226	2150035.8169
S.P.I. STA. (6392)	83+70.09	143029.9289	2149986.5130
S.T. STA. (6658)	84+70.07	143028.9631	2149886.0896
Entrance Radius:		358.10	
Exit Radius:		0.00	
Length:		150.29	
Angle:		12°01'24.49" Left	
Constant:		231.99	
Long Tangent:		100.43	
Short Tangent:		50.31	
Long Chord:		150.00	
Xs:		149.63	
Ys:		10.48	
P:		2.62	
K:		75.04	
Tangent Direction:		N 78°31'39.08" W	
Radial Direction:		N 11°28'20.92" E	
Chord Direction:		N 86°32'40.79" W	
Radial Direction:		N 0°33'03.57" W	
Tangent Direction:		S 89°26'56.43" W	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A008
Description: RAMP SE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6606)	57+01.31	140720.9889	2150888.1031
PC. STA. (6607)	62+70.63	141288.2754	2150936.1789
Tangent Direction:		N 4°50'38.63" E	
Tangent Length:		569.32	
Element: Circular			
PC. STA. (6607)	62+70.63	141288.2754	2150936.1789
P.I. STA. ( )	64+04.37	141421.5348	2150947.4722
C.C. STA. (6363)		141530.1914	2148081.6214
P.T. STA. (6608)	65+37.91	141555.2667	2150946.3016
Radius:		2864.79	
Delta:		5°20'44.15" Left	
Degree of Curvature(Arc):		2°00'00.00"	
Length:		267.28	
Tangent:		133.74	
Chord:		267.18	
Middle Ordinate:		3.12	
External:		3.12	
Tangent Direction:		N 4°50'38.71" E	
Radial Direction:		S 85°09'21.29" E	
Chord Direction:		N 2°10'16.63" E	
Radial Direction:		N 89°29'54.55" E	
Tangent Direction:		N 0°30'05.45" W	

FED. ROAD DIST.	NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 0903(207) SHEET NO. SD19

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A008 *CONTINUED
Description: RAMP SE of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6608)	65+37.91	141555.2667	2150946.3016
P.I. STA. (6604)	65+50.91	141555.3805	2150959.3011
Tangent Direction:	N 89°29'54.63" E		
Tangent Length:	13.00		
Element: Linear			
P.I. STA. (6604)	65+50.91	141555.3805	2150959.3011
P.I. STA. (6605)	71+52.02	142156.4624	2150954.0399
Tangent Direction:	N 0°30'05.37" W		
Tangent Length:	601.11		
Element: Linear			
P.I. STA. (6605)	71+52.02	142156.4624	2150954.0399
PC. STA. (6723)	72+27.02	142231.4596	2150953.3835
Tangent Direction:	N 0°30'05.37" W		
Tangent Length:	75.00		
Element: Circular			
PC. STA. (6723)	72+27.02	142231.4596	2150953.3835
P.I. STA. ( )	73+75.59	142380.0152	2150955.7160
C.C. STA. (6724)		142226.1006	2151294.6984
P.T. STA. (6722)	75+07.28	142479.5438	2151066.0258
Radius:	341.36		
Delta:	47°02'30.05" Right		
Degree of Curvature(Arc):	16°47'04.95"		
Length:	280.27		
Tangent:	148.57		
Chord:	272.46		
Middle Ordinate:	28.36		
External:	30.93		
Tangent Direction:	N 0°53'58.30" E		
Radial Direction:	S 89°06'01.70" E		
Chord Direction:	N 24°25'13.33" E		
Radial Direction:	S 42°03'31.64" E		
Tangent Direction:	N 47°56'28.36" E		
Element: Linear			
P.T. STA. (6722)	75+07.28	142479.5438	2151066.0258
P.I. STA. (6597)	75+82.28	142531.1322	2151120.4651
Tangent Direction:	N 46°32'24.60" E		
Tangent Length:	75.00		
Element: Linear			
P.I. STA. (6597)	75+82.28	142531.1322	2151120.4651
PC. STA. (6596)	77+42.50	142641.3389	2151236.7619
Tangent Direction:	N 46°32'24.60" E		
Tangent Length:	160.22		
Element: Circular			
PC. STA. (6596)	77+42.50	142641.3389	2151236.7619
P.I. STA. ( )	80+43.81	142848.5942	2151455.4703
C.C. STA. (6342)		142086.8279	2151762.2348
P.T. STA. (6595)	83+16.50	142850.7483	2151756.7733
Radius:	763.94		
Delta:	43°03'00.76" Right		
Degree of Curvature(Arc):	7°30'00.13"		
Length:	574.00		
Tangent:	301.31		
Chord:	560.59		
Middle Ordinate:	53.28		
External:	57.27		
Tangent Direction:	N 46°32'24.60" E		
Radial Direction:	S 43°27'35.40" E		
Chord Direction:	N 68°03'54.98" E		
Radial Direction:	S 0°24'34.64" E		
Tangent Direction:	N 89°35'25.36" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A009
Description: N of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6588)	438+14.61	143012.8229	2151817.7714
PC. STA. (6587)	440+14.61	143014.2534	2152017.7663
Tangent Direction:	N 89°35'24.60" E		
Tangent Length:	200.00		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A009 *CONTINUED
Description: N of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6587)	440+14.61	143014.2534	2152017.7663
P.I. STA. ( )	441+22.91	143015.0277	2152126.0592
C.C. STA. (6339)		143969.1590	2152010.9390
P.T. STA. (6585)	442+30.28	143040.0327	2152231.4286
Radius:	954.93		
Delta:	12°56'24.70" Left		
Degree of Curvature(Arc):	5°59'59.99"		
Length:	215.67		
Tangent:	108.30		
Chord:	215.21		
Middle Ordinate:	6.08		
External:	6.12		
Tangent Direction:	N 89°35'25.30" E		
Radial Direction:	S 0°24'34.70" E		
Chord Direction:	N 83°07'12.95" E		
Radial Direction:	S 13°20'59.40" E		
Tangent Direction:	N 76°39'00.60" E		
Element: Linear			
P.T. STA. (6585)	442+30.28	143040.0327	2152231.4286
PC. STA. (6581)	447+16.73	143152.3521	2152704.7340
Tangent Direction:	N 76°39'00.60" E		
Tangent Length:	486.45		
Element: Circular			
PC. STA. (6581)	447+16.73	143152.3521	2152704.7340
P.I. STA. ( )	450+97.27	143240.2178	2153074.9930
C.C. STA. (6337)		141758.6676	2153035.4672
P.T. STA. (6584)	454+60.63	143132.7351	2153440.0404
Radius:	1432.39		
Delta:	29°45'21.94" Right		
Degree of Curvature(Arc):	4°00'00.05"		
Length:	743.90		
Tangent:	380.54		
Chord:	735.57		
Middle Ordinate:	48.02		
External:	49.69		
Tangent Direction:	N 76°39'00.60" E		
Radial Direction:	S 13°20'59.40" E		
Chord Direction:	S 88°28'18.43" E		
Radial Direction:	S 16°24'22.54" W		
Tangent Direction:	S 73°35'37.46" E		
Element: Linear			
P.T. STA. (6584)	454+60.63	143132.7351	2153440.0404
PC. STA. (6582)	457+88.35	143040.1733	2153754.4171
Tangent Direction:	S 73°35'38.40" E		
Tangent Length:	327.72		
Element: Circular			
PC. STA. (6582)	457+88.35	143040.1733	2153754.4171
P.I. STA. ( )	459+09.33	143006.0015	2153870.4757
C.C. STA. (6340)		143825.3560	2153985.6026
P.T. STA. (6590)	460+28.58	143006.8669	2153991.4573
Radius:	818.51		
Delta:	16°48'58.04" Left		
Degree of Curvature(Arc):	7°00'00.03"		
Length:	240.23		
Tangent:	120.98		
Chord:	239.37		
Middle Ordinate:	8.80		
External:	8.89		
Tangent Direction:	S 73°35'37.36" E		
Radial Direction:	S 16°24'22.64" W		
Chord Direction:	S 82°00'06.38" E		
Radial Direction:	S 0°24'35.40" E		
Tangent Direction:	N 89°35'24.60" E		
Element: Linear			
P.T. STA. (6590)	460+28.58	143006.8669	2153991.4573
P.I. STA. (6720)	460+42.45	143006.9661	2154005.3222
Tangent Direction:	N 89°35'24.81" E		
Tangent Length:	13.87		
Element: Linear			
P.I. STA. (6720)	460+42.45	143006.9661	2154005.3222
PC. STA. (6614)	473+38.12	143042.1412	2155300.5169
Tangent Direction:	N 88°26'39.60" E		
Tangent Length:	1295.67		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A009 *CONTINUED
Description: N of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6614)	473+38.12	143042.1412	2155300.5169
P.I. STA. ( )	475+84.63	143050.2906	2155546.8960
C.C. STA. (6348)		143996.5493	2155268.9482
P.R.C. STA. (6613)	478+20.61	143176.6792	2155758.5443
Radius:	954.93		
Delta:	28°56'58.63" Left		
Degree of Curvature(Arc):	5°59'59.99"		
Length:	482.49		
Tangent:	246.51		
Chord:	477.38		
Middle Ordinate:	30.31		
External:	31.31		
Tangent Direction:	N 88°06'19.91" E		
Radial Direction:	S 1°53'40.09" E		
Chord Direction:	N 73°37'50.60" E		
Radial Direction:	S 30°50'38.71" E		
Tangent Direction:	N 59°09'21.29" E		
Element: Circular			
P.R.C. STA. (6613)	478+20.61	143176.6792	2155758.5443
P.I. STA. ( )	480+67.13	143303.0677	2155970.1926
C.C. STA. (6349)		142356.8091	2156248.1404
P.C.C. STA. (6612)	483+03.11	143311.2171	2156216.5716
Radius:	954.93		
Delta:	28°56'58.62" Right		
Degree of Curvature(Arc):	5°59'59.99"		
Length:	482.49		
Tangent:	246.51		
Chord:	477.38		
Middle Ordinate:	30.31		
External:	31.31		
Tangent Direction:	N 59°09'21.29" E		
Radial Direction:	S 30°50'38.71" E		
Chord Direction:	N 73°37'50.60" E		
Radial Direction:	S 1°53'40.09" E		
Tangent Direction:	N 88°06'19.91" E		
Element: Circular			
P.C.C. STA. (6612)	483+03.11	143311.2171	2156216.5716
P.I. STA. ( )	485+42.11	143308.0905	2156455.5543
C.C. STA. (6350)		142356.3688	2156204.0793
P.R.C. STA. (6615)	487+71.49	143192.7576	2156664.8885
Radius:	954.93		
Delta:	28°06'10.97" Right		
Degree of Curvature(Arc):	5°59'59.99"		
Length:	468.38		
Tangent:	239.00		
Chord:	463.70		
Middle Ordinate:	28.57		
External:	29.45		
Tangent Direction:	S 89°15'01.57" E		
Radial Direction:	S 0°44'58.43" W		
Chord Direction:	S 75°11'56.08" E		
Radial Direction:	S 28°51'09.40" W		
Tangent Direction:	S 61°08'50.60" E		
Element: Circular			
P.R.C. STA. (6615)	487+71.49	143192.7576	2156664.8885
P.I. STA. ( )	490+10.49	143075.1276	2156872.9406
C.C. STA. (6351)		144024.0236	2157134.8758
P.T. STA. (6616)	492+39.87	143069.3707	2157111.8743
Radius:	954.93		
Delta:	28°06'10.97" Left		
Degree of Curvature(Arc):	5°59'59.99"		
Length:	468.38		
Tangent:	239.00		
Chord:	463.70		
Middle Ordinate:	28.57		
External:	29.45		
Tangent Direction:	S 60°31'00.23" E		
Radial Direction:	S 29°28'59.77" W		
Chord Direction:	S 74°34'05.72" E		
Radial Direction:	S 1°22'48.80" W		
Tangent Direction:	S 88°37'11.20" E		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

Preliminary Plans

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD20

OKLAHOMA COUNTY

SDS 20 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A010
Description: S of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6621)	467+13.00	142882.3266	2154716.8604
PC. STA. (6620)	472+12.38	142844.6891	2155214.8201
Tangent Direction:	S 85°40'39.40" E		
Tangent Length:	499.38		
Element: Circular			
PC. STA. (6620)	472+12.38	142844.6891	2155214.8201
P.I. STA. ( )	474+82.01	142824.3679	2155483.6784
C.C. STA. (6352)		141575.0705	2155118.8580
P.T. STA. (6619)	477+43.78	142696.8096	2155721.2213
Radius:	1273.24		
Delta:	23°54'46.77" Right		
Degree of Curvature(Arc):	4°29'59.99"		
Length:	531.40		
Tangent:	269.63		
Chord:	527.55		
Middle Ordinate:	27.62		
External:	28.24		
Tangent Direction:	S 85°40'39.40" E		
Radial Direction:	S 4°19'20.60" W		
Chord Direction:	S 73°43'16.02" E		
Radial Direction:	S 28°14'07.37" W		
Tangent Direction:	S 61°45'52.63" E		
Element: Linear			
P.T. STA. (6619)	477+43.78	142696.8096	2155721.2213
PC. STA. (6618)	479+85.16	142582.6137	2155933.8798
Tangent Direction:	S 61°45'52.40" E		
Tangent Length:	241.38		
Element: Circular			
PC. STA. (6618)	479+85.16	142582.6137	2155933.8798
P.I. STA. ( )	481+37.37	142510.6015	2156067.9828
C.C. STA. (6353)		143111.2203	2156217.7372
P.C.C. STA. (6617)	482+83.30	142511.2254	2156220.1964
Radius:	600.00		
Delta:	28°28'12.98" Left		
Degree of Curvature(Arc):	9°32'57.47"		
Length:	298.14		
Tangent:	152.21		
Chord:	295.08		
Middle Ordinate:	18.42		
External:	19.01		
Tangent Direction:	S 61°45'52.42" E		
Radial Direction:	S 28°14'07.58" W		
Chord Direction:	S 75°59'58.91" E		
Radial Direction:	S 0°14'05.40" E		
Tangent Direction:	N 89°45'54.60" E		
Element: Circular			
P.C.C. STA. (6617)	482+83.30	142511.2254	2156220.1964
P.I. STA. ( )	484+57.61	142511.9399	2156394.5045
C.C. STA. (6354)		143111.2203	2156217.7369
P.T. STA. (6622)	486+22.58	142605.9392	2156541.2968
Radius:	600.00		
Delta:	32°23'55.87" Left		
Degree of Curvature(Arc):	9°32'57.47"		
Length:	339.28		
Tangent:	174.31		
Chord:	334.78		
Middle Ordinate:	23.82		
External:	24.81		
Tangent Direction:	N 89°45'54.47" E		
Radial Direction:	S 0°14'05.53" E		
Chord Direction:	N 73°33'56.54" E		
Radial Direction:	S 32°38'01.40" E		
Tangent Direction:	N 57°21'58.60" E		
Element: Linear			
P.T. STA. (6622)	486+22.58	142605.9392	2156541.2968
PC. STA. (6623)	488+32.66	142719.2283	2156718.2125
Tangent Direction:	N 57°21'58.60" E		
Tangent Length:	210.08		
Element: Circular			
PC. STA. (6623)	488+32.66	142719.2283	2156718.2125
P.I. STA. ( )	490+18.84	142819.6299	2156875.0027
C.C. STA. (6355)		142116.0911	2157104.4352
P.C.C. STA. (6624)	491+96.96	142830.9630	2157060.8391
Radius:	716.20		
Delta:	29°08'38.00" Right		
Degree of Curvature(Arc):	7°59'59.89"		
Length:	364.30		
Tangent:	186.18		
Chord:	360.39		
Middle Ordinate:	23.04		
External:	23.80		
Tangent Direction:	N 57°21'58.60" E		
Radial Direction:	S 32°38'01.40" E		
Chord Direction:	N 71°56'17.60" E		
Radial Direction:	S 3°29'23.40" E		
Tangent Direction:	N 86°30'36.60" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A010 *CONTINUED
Description: S of I-240
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
P.C.C. STA. (6624)	491+96.96	142830.9630	2157060.8391
P.I. STA. ( )	492+74.51	142835.6839	2157138.2442
C.C. STA. (6356)		139971.4863	2157235.2368
P.T. STA. (6625)	493+52.02	142836.2103	2157215.7914
Radius:	2864.79		
Delta:	3°06'04.32" Right		
Degree of Curvature(Arc):	2°00'00.00"		
Length:	155.06		
Tangent:	77.55		
Chord:	155.04		
Middle Ordinate:	1.05		
External:	1.05		
Tangent Direction:	N 86°30'35.60" E		
Radial Direction:	S 3°29'24.40" E		
Chord Direction:	N 88°03'37.76" E		
Radial Direction:	S 0°23'20.08" E		
Tangent Direction:	N 89°36'39.92" E		
Element: Linear			
P.T. STA. (6625)	493+52.02	142836.2103	2157215.7914
P.O.E. STA. (6626)	502+52.15	142842.3215	2158115.9006
Tangent Direction:	N 89°36'39.60" E		
Tangent Length:	900.13		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A011
Description: SANTA FE. AVE
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6661)	40+07.16	142544.2397	2145645.6763
P.I. STA. (3120)	44+10.44	142941.5057	2145642.3196
Tangent Direction:	N 0°28'36.84" W		
Tangent Length:	403.28		
Element: Linear			
P.I. STA. (3120)	44+10.44	142941.5057	2145642.3196
P.I. STA. (6002)	45+07.16	143044.2256	2145641.4636
Tangent Direction:	N 0°30'25.42" W		
Tangent Length:	96.72		
Element: Linear			
P.I. STA. (6002)	45+07.16	143044.2256	2145641.4636
P.O.E. STA. (6402)	50+07.16	143544.2060	2145637.0388
Tangent Direction:	N 0°30'25.38" W		
Tangent Length:	500.00		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A012
Description: SHIELDS BLVD.
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6419)	142+61.38	142585.3894	2147507.7199
P.I. STA. (6001)	147+61.38	143060.4395	2147351.7473
Tangent Direction:	N 18°10'35.38" W		
Tangent Length:	500.00		
Element: Linear			
P.I. STA. (6001)	147+61.38	143060.4395	2147351.7473
P.O.E. STA. (6418)	152+61.38	143535.4895	2147195.7747
Tangent Direction:	N 18°10'35.38" W		
Tangent Length:	500.00		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A013
Description: POLE RD.
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6579)	447+80.58	142681.2611	2153020.1679
P.I. STA. (6570)	450+14.60	142915.2749	2153018.4940
Tangent Direction:	N 0°24'35.40" W		
Tangent Length:	234.02		
Element: Linear			
P.I. STA. (6570)	450+14.60	142915.2749	2153018.4940
P.O.E. STA. (6583)	452+90.26	143190.9323	2153016.5222
Tangent Direction:	N 0°24'35.40" W		
Tangent Length:	275.66		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A014
Description: EASTERN AVE.
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6423)	20+10.87	142411.2265	2156220.6737
P.I. STA. (6000)	25+10.87	142911.2208	2156218.2873
Tangent Direction:	N 0°16'24.45" W		
Tangent Length:	500.00		
Element: Linear			
P.I. STA. (6000)	25+10.87	142911.2208	2156218.2873
P.I. STA. (3049)	26+34.64	143034.9922	2156217.6966
Tangent Direction:	N 0°16'24.41" W		
Tangent Length:	123.77		
Element: Linear			
P.I. STA. (3049)	26+34.64	143034.9922	2156217.6966
P.O.E. STA. (6424)	30+10.87	143411.2163	2156216.1644
Tangent Direction:	N 0°14'00.04" W		
Tangent Length:	376.23		

Project Name: EC-1060*Crossroads
Description: SURVEY ALG FOR CROSSROADS INTERCHANGE
Horizontal Alignment Name: A015
Description: R.R. BNSF
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6725)	20557+83.38	142228.6858	2153989.8391
PC. STA. (6426)	20562+83.38	142728.6774	2153986.9254
Tangent Direction:	N 0°20'01.97" W		
Tangent Length:	500.00		
Element: Circular			
PC. STA. (6426)	20562+83.38	142728.6774	2153986.9254
P.I. STA. ( )	20576+48.20	144093.4798	2153994.2466
C.C. STA. (6430)		142759.4118	2148257.4299
P.T. STA. (6428)	20589+63.08	145315.0154	2153385.4855
Radius:	5729.58		
Delta:	26°47'49.38" Left		
Degree of Curvature(Arc):	1°00'00.00"		
Length:	2679.70		
Tangent:	1364.82		
Chord:	2655.35		
Middle Ordinate:	155.95		
External:	160.31		
Tangent Direction:	N 0°18'26.45" E		
Radial Direction:	S 89°41'33.55" E		
Chord Direction:	N 13°05'28.24" W		
Radial Direction:	N 63°30'37.07" E		
Tangent Direction:	N 26°29'22.93" W		
Element: Linear			
P.T. STA. (6428)	20589+63.08	145315.0154	2153385.4855
P.I. STA. (6429)	20593+39.38	145652.3227	2153218.6758
Tangent Direction:	N 26°18'50.14" W		
Tangent Length:	376.30		
Element: Linear			
P.I. STA. (6429)	20593+39.38	145652.3227	2153218.6758
P.O.E. STA. (6729)	20598+39.38	146100.5121	2152997.0312
Tangent Direction:	N 26°18'50.14" W		
Tangent Length:	500.00		

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS DESCRIPTION	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD21

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A016
Description: CLOVER1
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6645)	80+51.88	143069.7619	2150635.8849
S.P.I. STA. (6376)	81+53.92	143086.1216	2150535.1661
S.C. STA. (6644)	82+02.58	143119.4141	2150495.6564
Entrance Radius:	0.00		
Exit Radius:	139.75		
Length:	150.70		
Angle:	30°53'34.35" Right		
Constant:	145.12		
Long Tangent:	102.04		
Short Tangent:	51.67		
Long Chord:	148.76		
Xs:	146.37		
Ys:	26.53		
P:	6.70		
K:	74.62		
Tangent Direction:	N 80°46'26.69" W		
Radial Direction:	N 9°13'33.31" E		
Chord Direction:	N 70°30'07.11" W		
Radial Direction:	N 40°07'07.67" E		
Tangent Direction:	N 49°52'52.33" W		
Element: Circular			
S.C. STA. (6644)	82+02.58	143119.4141	2150495.6564
C.C. STA. (6403)		143226.0743	2150585.9477
C.S. STA. (6643)	86+86.72	143298.5751	2150705.4157
Radius:	139.75		
Delta:	198°29'56.22" Right		
Degree of Curvature(Arc):	40°59'59.79"		
Length:	484.14		
Tangent:	-1.00		
Chord:	275.86		
Middle Ordinate:	-1.00		
External:	-1.00		
Tangent Direction:	N 49°45'03.58" W		
Radial Direction:	N 40°14'56.42" E		
Chord Direction:	N 49°29'54.53" E		
Radial Direction:	S 58°44'52.64" W		
Tangent Direction:	S 31°15'07.36" E		
Element: Clothoid			
C.S. STA. (6643)	86+86.72	143298.5751	2150705.4157
S.P.I. STA. (6374)	87+38.07	143254.8219	2150732.2986
S.T. STA. (6642)	88+36.55	143153.4000	2150733.8074
Entrance Radius:	139.75		
Exit Radius:	0.00		
Length:	149.83		
Angle:	30°42'54.74" Right		
Constant:	144.70		
Long Tangent:	101.43		
Short Tangent:	51.35		
Long Chord:	147.93		
Xs:	145.58		
Ys:	26.23		
P:	6.63		
K:	74.20		
Tangent Direction:	S 31°34'03.03" E		
Radial Direction:	S 58°25'56.97" W		
Chord Direction:	S 11°03'56.21" E		
Radial Direction:	S 89°08'51.71" W		
Tangent Direction:	S 0°51'08.29" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A017
Description: CLOVER2
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6646)	80+53.38	143073.1298	2150913.5169
S.P.I. STA. (6377)	81+55.08	143174.8210	2150912.1527
S.C. STA. (6647)	82+03.59	143219.4020	2150937.9175
Entrance Radius:	0.00		
Exit Radius:	139.75		
Length:	150.21		
Angle:	30°47'36.96" Right		
Constant:	144.88		
Long Tangent:	101.70		
Short Tangent:	51.49		
Long Chord:	148.29		
Xs:	145.93		
Ys:	26.36		
P:	6.66		
K:	74.39		
Tangent Direction:	N 0°46'06.83" W		
Radial Direction:	N 89°13'53.17" E		
Chord Direction:	N 9°28'14.52" E		
Radial Direction:	S 59°58'29.87" E		
Tangent Direction:	N 30°01'30.13" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A017 *CONTINUED
Description: CLOVER2
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
S.C. STA. (6647)	82+03.59	143219.4020	2150937.9175
C.C. STA. (6373)		143149.0025	2151058.6356
C.S. STA. (6648)	87+36.52	143018.7604	2151109.2906
Radius:	139.75		
Delta:	218°29'52.52" Right		
Degree of Curvature(Arc):	40°59'59.79"		
Length:	532.92		
Tangent:	-1.00		
Chord:	263.87		
Middle Ordinate:	-1.00		
External:	-1.00		
Tangent Direction:	N 30°14'58.47" E		
Radial Direction:	S 59°45'01.53" E		
Chord Direction:	S 40°30'05.27" E		
Radial Direction:	N 21°15'09.01" W		
Tangent Direction:	S 68°44'50.99" W		
Element: Clothoid			
C.S. STA. (6648)	87+36.52	143018.7604	2151109.2906
S.P.I. STA. (6379)	87+87.70	143000.1760	2151061.5983
S.T. STA. (6649)	88+85.89	143016.5705	2150961.8249
Entrance Radius:	139.75		
Exit Radius:	0.00		
Length:	149.37		
Angle:	30°37'14.80" Right		
Constant:	144.48		
Long Tangent:	101.11		
Short Tangent:	51.19		
Long Chord:	147.48		
Xs:	145.16		
Ys:	26.07		
P:	6.58		
K:	73.98		
Tangent Direction:	S 68°42'37.88" W		
Radial Direction:	N 21°17'22.12" W		
Chord Direction:	S 89°08'57.21" W		
Radial Direction:	N 9°19'52.68" E		
Tangent Direction:	N 80°40'07.32" W		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A018
Description: CLOVER3
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6654)	79+01.74	142920.1689	2150735.8489
S.P.I. STA. (6382)	80+03.23	142818.6217	2150736.7371
S.C. STA. (6655)	80+51.74	142774.2084	2150710.8374
Entrance Radius:	0.00		
Exit Radius:	139.75		
Length:	150.00		
Angle:	30°44'59.37" Right		
Constant:	144.78		
Long Tangent:	101.55		
Short Tangent:	51.41		
Long Chord:	148.09		
Xs:	145.74		
Ys:	26.29		
P:	6.64		
K:	74.29		
Tangent Direction:	S 0°30'04.17" E		
Radial Direction:	S 89°29'55.83" W		
Chord Direction:	S 9°43'25.04" W		
Radial Direction:	N 59°45'04.80" W		
Tangent Direction:	S 30°14'55.20" W		
Element: Circular			
S.C. STA. (6655)	80+51.74	142774.2084	2150710.8374
C.C. STA. (6518)		142844.6079	2150590.1194
C.S. STA. (6656)	85+84.66	142974.8501	2150539.4644
Radius:	139.75		
Delta:	218°29'52.52" Right		
Degree of Curvature(Arc):	40°59'59.79"		
Length:	532.92		
Tangent:	-1.00		
Chord:	263.87		
Middle Ordinate:	-1.00		
External:	-1.00		
Tangent Direction:	S 30°14'58.47" W		
Radial Direction:	N 59°45'01.53" W		
Chord Direction:	N 40°30'05.27" W		
Radial Direction:	S 21°15'09.01" E		
Tangent Direction:	N 68°44'50.99" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A018 *CONTINUED
Description: CLOVER3
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
C.S. STA. (6656)	85+84.66	142974.8501	2150539.4644
S.P.I. STA. (6380)	86+36.07	142993.4835	2150587.3819
S.T. STA. (6657)	87+34.66	142976.7222	2150687.5396
Entrance Radius:	139.75		
Exit Radius:	0.00		
Length:	150.00		
Angle:	30°44'58.69" Right		
Constant:	144.78		
Long Tangent:	101.55		
Short Tangent:	51.41		
Long Chord:	148.09		
Xs:	145.74		
Ys:	26.29		
P:	6.64		
K:	74.28		
Tangent Direction:	N 68°45'02.58" E		
Radial Direction:	S 21°14'57.42" E		
Chord Direction:	N 89°16'32.31" E		
Radial Direction:	S 9°30'01.27" W		
Tangent Direction:	S 80°29'58.73" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A019
Description: CLOVER4
Style: Default

	STATION	NORTHING	EASTING
Element: Clothoid			
T.S. STA. (6653)	79+01.32	142922.1852	2151013.4926
S.P.I. STA. (6383)	80+02.87	142905.4273	2151113.6508
S.C. STA. (6652)	80+51.32	142872.2095	2151152.8920
Entrance Radius:	0.00		
Exit Radius:	139.75		
Length:	150.00		
Angle:	30°44'58.60" Right		
Constant:	144.78		
Long Tangent:	101.55		
Short Tangent:	51.41		
Long Chord:	148.09		
Xs:	145.74		
Ys:	26.29		
P:	6.64		
K:	74.28		
Tangent Direction:	S 80°30'05.75" E		
Radial Direction:	S 9°29'54.25" W		
Chord Direction:	S 70°16'36.80" E		
Radial Direction:	S 40°14'52.85" W		
Tangent Direction:	S 49°45'07.15" E		
Element: Circular			
S.C. STA. (6652)	80+51.32	142872.2095	2151152.8920
C.C. STA. (6525)		142765.5493	2151062.6006
C.S. STA. (6651)	85+35.46	142693.0485	2150943.1327
Radius:	139.75		
Delta:	198°29'56.22" Right		
Degree of Curvature(Arc):	40°59'59.79"		
Length:	484.14		
Tangent:	-1.00		
Chord:	275.86		
Middle Ordinate:	-1.00		
External:	-1.00		
Tangent Direction:	S 49°45'03.58" E		
Radial Direction:	S 40°14'56.42" W		
Chord Direction:	S 49°29'54.53" W		
Radial Direction:	N 58°44'52.64" E		
Tangent Direction:	N 31°15'07.36" W		
Element: Clothoid			
C.S. STA. (6651)	85+35.46	142693.0485	2150943.1327
S.P.I. STA. (6385)	85+86.51	142736.7179	2150916.7058
S.T. STA. (6650)	86+84.44	142837.5489	2150915.5789
Entrance Radius:	139.75		
Exit Radius:	0.00		
Length:	148.98		
Angle:	30°32'24.85" Right		
Constant:	144.29		
Long Tangent:	100.84		
Short Tangent:	51.04		
Long Chord:	147.10		
Xs:	144.80		
Ys:	25.94		
P:	6.55		
K:	73.79		
Tangent Direction:	N 31°10'50.03" W		
Radial Direction:	N 58°49'09.97" E		
Chord Direction:	N 10°47'44.69" W		
Radial Direction:	N 89°21'34.82" E		
Tangent Direction:	N 0°38'25.18" W		

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS DESCRIPTION	DATE

Preliminary Plans

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD22

OKLAHOMA COUNTY

SDS 22 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A020
Description: SANTA FE/SHIELDS BLVD
Style: Default

	STATION	NORTHING	EASTING

Element: Circular

PC. STA. (6463)	381+96.97	143105.0679	2146204.9783
P.I. STA. ( )	382+99.71	143106.0418	2146307.7135
C.C. STA. (6456)		145014.8410	2146186.8730
P.T. STA. (6464)	384+02.25	143118.0314	2146409.7514

Radius:	1909.86
Delta:	6°09'30.44" Left
Degree of Curvature(Arc):	3°00'00.00"
Length:	205.28
Tangent:	102.74
Chord:	205.18
Middle Ordinate:	2.76
External:	2.76
Tangent Direction:	N 89°27'24.60" E
Radial Direction:	S 0°32'35.40" E
Chord Direction:	N 86°22'39.38" E
Radial Direction:	S 6°42'05.84" E
Tangent Direction:	N 83°17'54.16" E

Element: Linear

P.T. STA. (6464)	384+02.25	143118.0314	2146409.7514
PC. STA. (6465)	385+46.86	143134.9073	2146553.3733

Tangent Direction:	N 83°17'54.15" E
Tangent Length:	144.61

Element: Circular

PC. STA. (6465)	385+46.86	143134.9073	2146553.3733
P.I. STA. ( )	385+69.31	143137.5272	2146575.6700
C.C. STA. (6457)		143318.5936	2146531.7898
P.T. STA. (6466)	385+91.54	143145.4053	2146596.6924

Radius:	184.95
Delta:	13°50'30.97" Left
Degree of Curvature(Arc):	30°58'44.63"
Length:	44.68
Tangent:	22.45
Chord:	44.57
Middle Ordinate:	1.35
External:	1.36
Tangent Direction:	N 83°17'54.13" E
Radial Direction:	S 6°42'05.87" E
Chord Direction:	N 76°22'38.65" E
Radial Direction:	S 20°32'36.83" E
Tangent Direction:	N 69°27'23.17" E

Element: Linear

P.T. STA. (6466)	385+91.54	143145.4053	2146596.6924
P.O.E. STA. (6467)	386+02.88	143149.3848	2146607.3112

Tangent Direction:	N 69°27'23.15" E
Tangent Length:	11.34

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A021
Description: SANTA FE/SHIELDS BLVD
Style: Default

	STATION	NORTHING	EASTING

Element: Circular

PC. STA. (6444)	379+28.21	143003.5201	2145936.2304
P.I. STA. ( )	380+49.71	143004.6719	2146057.7251
C.C. STA. (6450)		141093.7469	2145954.3356
P.T. STA. (6451)	381+70.88	142990.4184	2146178.3862

Radius:	1909.86
Delta:	7°16'48.71" Right
Degree of Curvature(Arc):	3°00'00.00"
Length:	242.67
Tangent:	121.50
Chord:	242.51
Middle Ordinate:	3.85
External:	3.86
Tangent Direction:	N 89°27'24.60" E
Radial Direction:	S 0°32'35.40" E
Chord Direction:	S 86°54'11.04" E
Radial Direction:	S 6°44'13.32" W
Tangent Direction:	S 83°15'46.68" E

Element: Linear

P.T. STA. (6451)	381+70.88	142990.4184	2146178.3862
PC. STA. (6452)	383+45.25	142969.9626	2146351.5522

Tangent Direction:	S 83°15'46.70" E
Tangent Length:	174.37

Element: Circular

PC. STA. (6452)	383+45.25	142969.9626	2146351.5522
P.I. STA. ( )	383+68.99	142967.1776	2146375.1284
C.C. STA. (6453)		142758.4442	2146326.5660
P.T. STA. (6454)	383+92.54	142959.2697	2146397.5127

Radius:	212.99
Delta:	12°43'12.23" Right
Degree of Curvature(Arc):	26°54'02.94"
Length:	47.29
Tangent:	23.74
Chord:	47.19
Middle Ordinate:	1.31
External:	1.32
Tangent Direction:	S 83°15'46.81" E
Radial Direction:	S 6°44'13.19" W
Chord Direction:	S 76°54'10.70" E
Radial Direction:	S 19°27'25.41" W
Tangent Direction:	S 70°32'34.59" E

SDS 23 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A021 *CONTINUED
Description: SANTA FE/SHIELDS BLVD
Style: Default

	STATION	NORTHING	EASTING

Element: Linear

P.T. STA. (6454)	383+92.54	142959.2697	2146397.5127
P.O.E. STA. (6455)	384+03.88	142955.4924	2146408.2051

Tangent Direction:	S 70°32'34.70" E
Tangent Length:	11.34

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A022
Description: SHIELDS BLVD/BYERS AVE
Style: Default

	STATION	NORTHING	EASTING

Element: Linear

P.O.B. STA. (6481)	402+02.75	143155.8771	2148209.8436
PC. STA. (6482)	402+14.09	143152.0997	2148220.5360

Tangent Direction:	S 70°32'35.38" E
Tangent Length:	11.34

Element: Circular

PC. STA. (6482)	402+14.09	143152.0997	2148220.5360
P.I. STA. ( )	402+36.54	143144.6217	2148241.7040
C.C. STA. (6498)		143326.4878	2148282.1422
P.T. STA. (6483)	402+58.77	143142.4251	2148264.0464

Radius:	184.95
Delta:	13°50'30.97" Left
Degree of Curvature(Arc):	30°58'44.63"
Length:	44.68
Tangent:	22.45
Chord:	44.57
Middle Ordinate:	1.35
External:	1.36
Tangent Direction:	S 70°32'35.40" E
Radial Direction:	S 19°27'24.60" W
Chord Direction:	S 77°27'50.88" E
Radial Direction:	S 5°36'53.64" W
Tangent Direction:	S 84°23'06.36" E

Element: Linear

P.T. STA. (6483)	402+58.77	143142.4251	2148264.0464
PC. STA. (6484)	404+03.38	143128.2763	2148407.9626

Tangent Direction:	S 84°23'06.36" E
Tangent Length:	144.61

Element: Circular

PC. STA. (6484)	404+03.38	143128.2763	2148407.9626
P.I. STA. ( )	405+06.11	143118.2247	2148510.2029
C.C. STA. (6406)		145028.9717	2148594.8264
P.T. STA. (6485)	406+08.65	143119.1986	2148612.9316

Radius:	1909.86
Delta:	6°09'29.03" Left
Degree of Curvature(Arc):	3°00'00.00"
Length:	205.27
Tangent:	102.73
Chord:	205.17
Middle Ordinate:	2.76
External:	2.76
Tangent Direction:	S 84°23'06.36" E
Radial Direction:	S 5°36'53.64" W
Chord Direction:	S 87°27'50.88" E
Radial Direction:	S 0°32'35.40" E
Tangent Direction:	N 89°27'24.60" E

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A023
Description: SHIELDS BLVD/BYERS AVE
Style: Default

	STATION	NORTHING	EASTING

Element: Linear

P.O.B. STA. (6475)	403+50.48	142973.9626	2148359.2990
PC. STA. (6476)	403+61.82	142977.9419	2148369.9178

Tangent Direction:	N 69°27'24.62" E
Tangent Length:	11.34

Element: Circular

PC. STA. (6476)	403+61.82	142977.9419	2148369.9178
P.I. STA. ( )	403+85.80	142986.3566	2148392.3722
C.C. STA. (6408)		142773.4435	2148446.5523
P.T. STA. (6477)	404+09.59	142989.6984	2148416.1175

Radius:	218.39
Delta:	12°31'55.92" Right
Degree of Curvature(Arc):	26°14'09.65"
Length:	47.77
Tangent:	23.98
Chord:	47.67
Middle Ordinate:	1.30
External:	1.31
Tangent Direction:	N 69°27'24.66" E
Radial Direction:	S 20°32'35.34" E
Chord Direction:	N 75°43'22.62" E
Radial Direction:	S 8°00'39.42" E
Tangent Direction:	N 81°59'20.58" E

Element: Linear

P.T. STA. (6477)	404+09.59	142989.6984	2148416.1175
PC. STA. (6478)	404+79.63	142999.4593	2148485.4740

Tangent Direction:	N 81°59'20.62" E
Tangent Length:	70.04

Element: Circular

PC. STA. (6478)	404+79.63	142999.4593	2148485.4740
P.I. STA. ( )	406+04.27	143016.8293	2148608.8973
C.C. STA. (6407)		141108.2377	2148751.6362
P.T. STA. (6479)	407+28.55	143018.0109	2148733.5312

Radius:	1909.86
Delta:	7°28'04.03" Right
Degree of Curvature(Arc):	3°00'00.00"
Length:	248.93
Tangent:	124.64
Chord:	248.75
Middle Ordinate:	4.05
External:	4.06
Tangent Direction:	N 81°59'20.61" E
Radial Direction:	S 8°00'39.39" E
Chord Direction:	N 85°43'22.62" E
Radial Direction:	S 0°32'35.37" E
Tangent Direction:	N 89°27'24.63" E

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A024
Description: NE of Pole Rd
Style: Default

	STATION	NORTHING	EASTING

Element: Circular

PC. STA. (6591)	454+00.27	142973.5321	2153403.7572
P.I. STA. ( )	459+07.74	142977.1456	2153911.2149
C.C. STA. (6347)		143048.5302	2153403.2231
P.T. STA. (6592)	456+13.88	143120.4766	2153424.4063

Radius:	75.00
Delta:	163°11'09.67" Left
Degree of Curvature(Arc):	76°23'39.74"
Length:	213.61
Tangent:	507.47
Chord:	148.39
Middle Ordinate:	64.03
External:	437.98
Tangent Direction:	N 89°35'31.27" E
Radial Direction:	S 0°24'28.73" E
Chord Direction:	N 7°59'56.44" E
Radial Direction:	N 16°24'21.60" E
Tangent Direction:	N 73°35'38.40" W

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 0903(207) SHEET NO. SD23

OKLAHOMA COUNTY

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A025
Description: SE of Pole Rd
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6575)	452+14.60	142861.2069	2153218.8859
P.I. STA. ( )	457+45.46	142865.0042	2153749.7368
C.C. STA. (6338)		142636.2127	2153220.4953
P.T. STA. (6574)	457+41.06	142480.9001	2153383.2928
Radius:		225.00	
Delta:		134°03'43.01" Right	
Degree of Curvature(Arc):		25°27'53.25"	
Length:		526.46	
Tangent:		530.86	
Chord:		414.32	
Middle Ordinate:		137.20	
External:		351.58	
Tangent Direction:		N 89°35'24.58" E	
Radial Direction:		S 0°24'35.42" E	
Chord Direction:		S 23°22'43.92" E	
Radial Direction:		N 46°20'52.41" W	
Tangent Direction:		S 43°39'07.59" W	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A026
Description: RAMP E of Eastern Ave
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6637)	484+39.48	143279.5837	2156448.1402
PC. STA. (6638)	485+41.44	143177.6229	2156448.5358
Tangent Direction:		S 0°13'20.40" E	
Tangent Length:		101.96	
Element: Circular			
PC. STA. (6638)	485+41.44	143177.6229	2156448.5358
P.I. STA. ( )	486+78.83	143040.2382	2156449.0646
C.C. STA. (6361)		143178.2003	2156598.5347
P.T. STA. (6639)	487+63.90	143028.7277	2156585.9674
Radius:		150.00	
Delta:		84°58'24.46" Left	
Degree of Curvature(Arc):		38°11'49.87"	
Length:		222.46	
Tangent:		137.39	
Chord:		202.63	
Middle Ordinate:		39.38	
External:		53.41	
Tangent Direction:		S 0°13'13.94" E	
Radial Direction:		S 89°46'46.06" W	
Chord Direction:		S 42°42'26.17" E	
Radial Direction:		S 4°48'21.60" W	
Tangent Direction:		S 85°11'38.40" E	
Element: Linear			
P.T. STA. (6639)	487+63.90	143028.7277	2156585.9674
P.I. STA. (6640)	493+82.16	142976.9285	2157202.0536
Tangent Direction:		S 85°11'38.40" E	
Tangent Length:		618.26	
Element: Linear			
P.I. STA. (6640)	493+82.16	142976.9285	2157202.0536
P.O.E. STA. (6641)	497+84.73	142943.2003	2157603.2082
Tangent Direction:		S 85°11'38.40" E	
Tangent Length:		402.57	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A027
Description: RAMP W of Eastern Ave
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6636)	460+03.54	142948.3050	2154007.2193
PC. STA. (6635)	461+89.18	142949.6329	2154192.8546
Tangent Direction:		N 89°35'24.59" E	
Tangent Length:		185.64	
Element: Circular			
PC. STA. (6635)	461+89.18	142949.6329	2154192.8546
P.I. STA. ( )	463+03.77	142948.1609	2154307.4340
C.C. STA. (6360)		154407.8474	2154340.0543
P.T. STA. (6634)	464+18.35	142948.9806	2154422.0198
Radius:		11459.16	
Delta:		1°08'45.06" Left	
Degree of Curvature(Arc):		0°30'00.00"	
Length:		229.17	
Tangent:		114.59	
Chord:		229.17	
Middle Ordinate:		0.57	
External:		0.57	
Tangent Direction:		S 89°15'50.33" E	
Radial Direction:		S 0°44'09.67" W	
Chord Direction:		S 89°50'12.86" E	
Radial Direction:		S 0°24'35.39" E	
Tangent Direction:		N 89°35'24.61" E	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A027 *CONTINUED
Description: RAMP W of Eastern Ave
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.T. STA. (6634)	464+18.35	142948.9806	2154422.0198
P.I. STA. (6633)	465+03.76	142949.5915	2154507.4277
Tangent Direction:		N 89°35'24.57" E	
Tangent Length:		85.41	
Element: Linear			
P.I. STA. (6633)	465+03.76	142949.5915	2154507.4277
PC. STA. (6632)	474+04.46	142964.0988	2155408.0108
Tangent Direction:		N 89°04'37.61" E	
Tangent Length:		900.70	
Element: Circular			
PC. STA. (6632)	474+04.46	142964.0988	2155408.0108
P.I. STA. ( )	474+82.01	142965.3478	2155485.5497
C.C. STA. (6359)		145828.5173	2155361.8719
P.C.C. STA. (6631)	475+59.52	142970.7898	2155562.9075
Radius:		2864.79	
Delta:		3°06'04.32" Left	
Degree of Curvature(Arc):		2°00'00.00"	
Length:		155.06	
Tangent:		77.55	
Chord:		155.04	
Middle Ordinate:		1.05	
External:		1.05	
Tangent Direction:		N 89°04'37.86" E	
Radial Direction:		S 0°55'22.14" E	
Chord Direction:		N 87°31'35.70" E	
Radial Direction:		S 4°01'26.46" E	
Tangent Direction:		N 85°58'33.54" E	
Element: Circular			
P.C.C. STA. (6631)	475+59.52	142970.7898	2155562.9075
P.I. STA. ( )	476+36.85	142976.2166	2155640.0452
C.C. STA. (6358)		143685.2239	2155512.6455
P.T. STA. (6630)	477+13.58	142997.9835	2155714.2468
Radius:		716.20	
Delta:		12°19'29.11" Left	
Degree of Curvature(Arc):		7°59'59.89"	
Length:		154.06	
Tangent:		77.33	
Chord:		153.76	
Middle Ordinate:		4.14	
External:		4.16	
Tangent Direction:		N 85°58'33.54" E	
Radial Direction:		S 4°01'26.46" E	
Chord Direction:		N 79°48'48.14" E	
Radial Direction:		S 16°20'56.47" E	
Tangent Direction:		N 73°39'03.59" E	
Element: Linear			
P.T. STA. (6630)	477+13.58	142997.9835	2155714.2468
PC. STA. (6629)	478+73.60	143043.0271	2155867.7964
Tangent Direction:		N 73°39'03.67" E	
Tangent Length:		160.02	
Element: Circular			
PC. STA. (6629)	478+73.60	143043.0271	2155867.7964
P.I. STA. ( )	479+67.58	143069.4790	2155957.9775
C.C. STA. (6357)		143162.9737	2155832.6137
P.T. STA. (6628)	480+34.77	143163.4587	2155957.6128
Radius:		125.00	
Delta:		73°52'29.62" Left	
Degree of Curvature(Arc):		45°50'11.84"	
Length:		161.17	
Tangent:		93.98	
Chord:		150.24	
Middle Ordinate:		25.09	
External:		31.39	
Tangent Direction:		N 73°39'09.18" E	
Radial Direction:		S 16°20'50.82" E	
Chord Direction:		N 36°42'54.37" E	
Radial Direction:		N 89°46'39.56" E	
Tangent Direction:		N 0°13'20.44" W	
Element: Linear			
P.T. STA. (6628)	480+34.77	143163.4587	2155957.6128
P.O.E. STA. (6627)	481+37.66	143266.3435	2155957.2135
Tangent Direction:		N 0°13'20.46" W	
Tangent Length:		102.89	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A028
Description: RAMP SE of I-35
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6609)	61+24.30	141145.5900	2151069.7825
P.I. STA. ( )	62+45.08	141200.8776	2150962.3940
C.C. STA. (6362)		141323.4077	2151161.3296
P.T. STA. (6611)	63+41.62	141321.6579	2150961.3373
Radius:		200.00	
Delta:		62°15'27.49" Right	
Degree of Curvature(Arc):		28°38'52.40"	
Length:		217.32	
Tangent:		120.78	
Chord:		206.79	
Middle Ordinate:		28.80	
External:		33.64	
Tangent Direction:		N 62°45'32.11" W	
Radial Direction:		N 27°14'27.89" E	
Chord Direction:		N 31°37'48.37" W	
Radial Direction:		N 89°29'55.37" E	
Tangent Direction:		N 0°30'04.63" W	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A029
Description: SE 59TH ST
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6432)	95+00.00	148281.8565	2150629.0492
P.I. STA. (3169)	97+60.93	148284.7529	2150889.9611
Tangent Direction:		N 89°21'50.32" E	
Tangent Length:		260.93	
Element: Linear			
P.I. STA. (3169)	97+60.93	148284.7529	2150889.9611
P.I. STA. (1076)	100+00.01	148285.8404	2151129.0452
Tangent Direction:		N 89°44'21.76" E	
Tangent Length:		239.09	
Element: Linear			
P.I. STA. (1076)	100+00.01	148285.8404	2151129.0452
P.O.E. STA. (6433)	105+00.01	148288.1146	2151629.0400
Tangent Direction:		N 89°44'21.83" E	
Tangent Length:		500.00	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A030
Description: SE 66TH ST
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6434)	204+02.99	145632.8756	2150308.8319
P.I. STA. (6007)	209+02.99	145637.9859	2150808.8068
Tangent Direction:		N 89°24'51.81" E	
Tangent Length:		500.00	
Element: Linear			
P.I. STA. (6007)	209+02.99	145637.9859	2150808.8068
P.I. STA. (3040)	210+00.01	145638.9775	2150905.8228
Tangent Direction:		N 89°24'51.84" E	
Tangent Length:		97.02	
Element: Linear			
P.I. STA. (3040)	210+00.01	145638.9775	2150905.8228
P.O.E. STA. (6431)	214+02.99	145641.3027	2151308.7961
Tangent Direction:		N 89°40'09.86" E	
Tangent Length:		402.98	

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A031
Description: SE 82ND ST
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6435)	10+00.00	140344.3985	2150347.8788
P.I. STA. (6436)	15+00.00	140349.2465	2150847.8553
Tangent Direction:		N 89°26'40.01" E	
Tangent Length:		500.00	
Element: Linear			
P.I. STA. (6436)	15+00.00	140349.2465	2150847.8553
P.I. STA. (6437)	15+97.21	140350.1890	2150945.0567
Tangent Direction:		N 89°26'40.00" E	
Tangent Length:		97.21	
Element: Linear			
P.I. STA. (6437)	15+97.21	140350.1890	2150945.0567
P.O.E. STA. (6438)	20+00.00	140353.1779	2151347.8356
Tangent Direction:		N 89°34'29.43" E	
Tangent Length:		402.79	

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

DESCRIPTION	REVISIONS	DATE

Preliminary Plans

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 0903(207) SHEET NO. SD24

OKLAHOMA COUNTY

SDS 24 OF 46

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A032
Description: RAMP N of 66TH ST
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6519)	108+36.33	145854.8320	2150697.5039
PC. STA. (6520)	108+50.48	145867.1285	2150704.5051
Tangent Direction:	N 29°39'20.67" E		
Tangent Length:	14.15		
Element: Circular			
PC. STA. (6520)	108+50.48	145867.1285	2150704.5051
P.I. STA. ( )	108+56.33	145872.2159	2150707.4017
C.C. STA. (6332)	145879.4980		2150682.7797
P.T. STA. (6521)	108+61.98	145878.0604	2150707.7383
Radius:	25.00		
Delta:	26°21'31.33" Left		
Degree of Curvature(Arc):	229°10'59.22"		
Length:	11.50		
Tangent:	5.85		
Chord:	11.40		
Middle Ordinate:	0.66		
External:	0.68		
Tangent Direction:	N 29°39'18.84" E		
Radial Direction:	S 60°20'41.16" E		
Chord Direction:	N 16°28'33.17" E		
Radial Direction:	S 86°42'12.50" E		
Tangent Direction:	N 3°17'47.50" E		
Element: Linear			
P.T. STA. (6521)	108+61.98	145878.0604	2150707.7383
PC. STA. (6522)	114+45.63	146460.7450	2150741.2951
Tangent Direction:	N 3°17'45.67" E		
Tangent Length:	583.65		
Element: Circular			
PC. STA. (6522)	114+45.63	146460.7450	2150741.2951
P.I. STA. ( )	115+27.47	146542.4496	2150746.0004
C.C. STA. (6333)		146350.9383	2152647.9948
P.T. STA. (6523)	116+09.21	146623.4523	2150757.6780
Radius:	1909.86		
Delta:	4°54'26.64" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	163.58		
Tangent:	81.84		
Chord:	163.53		
Middle Ordinate:	1.75		
External:	1.75		
Tangent Direction:	N 3°17'45.67" E		
Radial Direction:	S 86°42'14.33" E		
Chord Direction:	N 5°44'58.99" E		
Radial Direction:	S 81°47'47.69" E		
Tangent Direction:	N 8°12'12.31" E		
Element: Linear			
P.T. STA. (6523)	116+09.21	146623.4523	2150757.6780
P.O.E. STA. (6524)	117+22.19	146735.2762	2150773.7989
Tangent Direction:	N 8°12'12.31" E		
Tangent Length:	112.98		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A033
Description: RAMP SE 59TH ST
Style: Default

	STATION	NORTHING	EASTING
Element: Circular			
PC. STA. (6551)	118+98.74	146912.5656	2150877.5204
P.I. STA. ( )	121+16.91	147129.7417	2150898.3511
C.C. STA. (6334)		146730.2164	2152778.6543
P.T. STA. (6550)	123+33.20	147336.6247	2150967.6242
Radius:	1909.86		
Delta:	13°02'01.92" Right		
Degree of Curvature(Arc):	3°00'00.00"		
Length:	434.46		
Tangent:	218.17		
Chord:	433.53		
Middle Ordinate:	12.34		
External:	12.42		
Tangent Direction:	N 5°28'43.77" E		
Radial Direction:	S 84°31'16.23" E		
Chord Direction:	N 11°59'44.73" E		
Radial Direction:	S 71°29'14.31" E		
Tangent Direction:	N 18°30'45.69" E		
Element: Linear			
P.T. STA. (6550)	123+33.20	147336.6247	2150967.6242
P.I. STA. (6549)	123+52.20	147342.6575	2150949.6074
Tangent Direction:	N 71°29'14.30" W		
Tangent Length:	19.00		
Element: Linear			
P.I. STA. (6549)	123+52.20	147342.6575	2150949.6074
PC. STA. (6548)	125+65.37	147544.7967	2151017.2920
Tangent Direction:	N 18°30'45.70" E		
Tangent Length:	213.17		
Element: Circular			
PC. STA. (6548)	125+65.37	147544.7967	2151017.2920
P.I. STA. ( )	126+31.63	147607.6266	2151038.3301
C.C. STA. (6335)		148013.5352	2149617.4112
P.T. STA. (6547)	126+97.80	147672.0887	2151053.6550
Radius:	1476.27		
Delta:	5°08'22.89" Left		
Degree of Curvature(Arc):	3°52'52.00"		
Length:	132.43		
Tangent:	66.26		
Chord:	132.38		
Middle Ordinate:	1.49		
External:	1.49		
Tangent Direction:	N 18°30'45.71" E		
Radial Direction:	S 71°29'14.29" E		
Chord Direction:	N 15°56'24.26" E		
Radial Direction:	S 76°37'37.19" E		
Tangent Direction:	N 13°22'02.84" E		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A036
Description:
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6662)	121+03.47	147128.1840	2150795.2048
P.O.E. STA. (6663)	126+27.61	147647.8237	2150863.7415
Tangent Direction:	N 7°30'48.72" E		
Tangent Length:	524.14		

Project Name: EC-1060*Crossroads
Description: survey alg for Crossroads Interchange
Horizontal Alignment Name: A036-1
Description:
Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
P.O.B. STA. (6664)	125+41.98	147565.9896	2150864.0401
PC. STA. (6665)	126+22.81	147645.5052	2150878.5574
Tangent Direction:	N 10°20'47.73" E		
Tangent Length:	80.83		
Element: Circular			
PC. STA. (6665)	126+22.81	147645.5052	2150878.5574
P.I. STA. ( )	127+53.12	147773.6995	2150901.9619
C.C. STA. (6668)		147895.6423	2149508.4761
P.T. STA. (6666)	128+82.68	147904.0104	2150901.1789
Radius:	1392.73		
Delta:	10°41'27.07" Left		
Degree of Curvature(Arc):	4°06'50.13"		
Length:	259.87		
Tangent:	130.31		
Chord:	259.49		
Middle Ordinate:	6.06		
External:	6.08		
Tangent Direction:	N 10°20'47.74" E		
Radial Direction:	S 79°39'12.26" E		
Chord Direction:	N 5°00'04.21" E		
Radial Direction:	N 89°39'20.67" E		
Tangent Direction:	N 0°20'39.33" W		
Element: Linear			
P.T. STA. (6666)	128+82.68	147904.0104	2150901.1789
P.O.E. STA. (6667)	129+43.46	147964.7893	2150900.8138
Tangent Direction:	N 0°20'39.33" W		
Tangent Length:	60.78		

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD25

OKLAHOMA COUNTY

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

END.A011
P.O.T. STA.105+96.72 ℄ A011
•STA.105+96.72 FAP IR-240-I(323)
X•2,145,637.0388 Y•143,544.2060

SEC.28, T-11-N, R-3-W

SEC.27, T-11-N, R-3-W

SEC.33, T-11-N, R-3-W

SEC.34, T-11-N, R-3-W

BEG.A034 SURVEY
P.O.T. STA.371+39.31 ℄ A034 SURVEY
•STA.371+39.60 FAP IR-240-I(323)
X•2,145,147.3663 Y•143,039,544

P.O.T. STA.371+39.31 ℄ A034 SURVEY
(•376+33.72 FAP IR-240-I(323))
376+33.43

P.O.T. STA.376+33.43 ℄ A034 SURVEY
• STA.376+33.72 FAP IR-240-I(323)
P.I. STA.100+96.72 ℄ A011 SURVEY
N-S SEC.LINE 96.72' S.TO SEC.COR.
2736.652' S.TO 1/4 SEC.COR.
2,534.495' N.TO 1/4 SEC.COR.
X•2,145,641.4636 Y•143,044.2256

N-S SEC.LINE NS308

BEG. ℄ A001
P.O.T. STA.376+33.52 ℄ A001 142'LT
•STA.376+32.46 FAP IR-240-I(323)
X•2,145,640.2073 Y•143,186.1800

N 0°30'25.38" W 500.00'

SANTA FE AVE.

MODJESKA DEV.CO.-TRUSTEE

BM#14 -"□" ON N.W. COR. WTR. VAULT E. OF SANTA FE 152.94' LT. ℄ A034 A034 STA. 377+02.13

N 0°30'25.38" W 142.22'

S 43°30'15.31" E 72.26'

50'

PRES.R/W

℄ A001

405.32
S88°05'29.53"E

S 88°02'20.27" E 501.40'

575.48'

CURVE NO. A001-1

N 89°27'24.62" E 350.00'

466.65
S89°27'24.62"E

BM#13 -"□" ON CONC. BASE TRAFFIC CONTROL BOX 136.04' LT. ℄ A034 A034 STA. 379+06.84

P.C.STA.380+38.84 ℄ A001
X•2,146,045.3005 Y•143,172.6818

BEG. ℄ A020
P.O.T. STA.380+46.97 ℄ A020
•STA.0+06.00 FAP U-386(I)
X•2,146,214.9783 Y•143,105.0679

P.T. STA.381+61.42 ℄ A001
X•2,146,167.8638 Y•143,171.2215

N 0°30'25.38" W 879.4'

10' ONG U/E

CURVE NO. A001-1
P.I. STA. 381+00.14
N: 143170.6403
E: 2146106.5665
Δ= 2°27'05.86" LT.
D= 2°00'00.00"
T= 61.30'
L= 122.58'
R= 2864.79'
LC= 122.5620'
C= S89°19'02.45"E

Curve No.A020-1
P.I. Sta. 382+99.71
N: 143106.0418
E: 2146307.7135
Δ= 6°09'30.44" LT.
D= 3°00'00.00"
T= 102.74'
L= 205.28'
R= 1909.86'
LC= 205.1830'
C= N86°22'39.38"E

Curve No.A020-2
P.I. Sta. 385+69.31
N: 143137.5272
E: 2146575.6700
Δ= 13°50'31.24" LT.
D= 30°58'45.23"
T= 22.45'
L= 44.68'
R= 184.95'
LC= 44.573'
C= N76°22'38.65E

P.T. STA.384+02.25 ℄ A020
X•2,146,409.7514 Y•143,118,031.4

P.C. STA.385+46.86 ℄ A020
X•2,146,553.3733 Y•143,134,907.3

'X' ON CONC.

P.C. STA.385+91.54 ℄ A020
X•2,146,596.6924 Y•143,145,405.3

235.000'

END. ℄ A020
P.O.T. STA.386+02.88 ℄ A020 96'LT.
•STA.4+06.67 FAP U-386(I)
X•2,146,607.3112 Y•143,149,384.8

BM#12 -"□" ON CURB @ P.I. OF S. SIDE OF PARKING LOT S. OF PAYLESS SHOES. 152.24' LT. ℄ A034 A034 STA. 385+73.15

*4 REBAR

PRES.R/W

℄ A001

149.98'

386+00

N 89°27'24.62" E 2360.69

CALCULATED POINT

℄ SURVEY A034

*4 REBAR

S26°09'00.81" E 100.000'

100.000'

105.000'

*4 REBAR

*4 REBAR

*4 REBAR

*4 REBAR

*4 REBAR

P.I. STA.100+00.00 ℄ A011
•STA.100+00.00 FAP IR-240-I(323)
X•2,145,642.3196 Y•142,947.5057

BM#15 -"X" ON CURB @ P.I. OF PARKING LOT N.W. OF BATTERIES PLUS. 157.07' RT. ℄ A034 A034 STA. 377+33.76

S17°45'00.92" W 200.000'

150.00'

174.999'

N 0°30'25.42" W 96.72'

N 0°28'36.84" W 2639.928'

BEG. ℄ A003
P.O.T. STA.376+33.30 ℄ A003 152'RT
•STA.376+31.81 FAP IR-240-I(323)
X•2,145,640.2073 Y•143,186.1800

BEG. ℄ A011
P.O.T. STA.95+96.72 ℄ A011
•STA.95+96.72 FAP IR-240-I(323)
X•2,145,645.6762 Y•142,544.2397

+83.56 208.02'

+32.81 155.14'

+83.24 207.44'

+83.25 155.21'

+83.31 148.49'

+07.74 130.00'

+08.28 130.00'

BM#14

BM#15

BM#16

N 0°30'25.38" W 2631.219'

N 0°28'36.84" W 2639.928'

N 89°27'41.44" E 2,640.876'

N 86°53'40.16" E 150.21'

N 43°12'32.16" E 72.31'

N 86°56'08.72" E 425.382'

N 89°27'41.44" E 391.715'

N 89°21'24.62" E 523.50'

PRES.R/W

15' OKC U/E

50' OKC EASEMENT

10' OGE U/E

℄ A011

℄ A003

℄ A021

℄ A020

℄ A020-2

℄ A020-1

℄ A021-1

℄ A021-2

℄ A003-1

℄ A003-1

℄ E-W SEC.LINE EW112

℄

CURVE NO. A020-1

CURVE NO. A020-2

CURVE NO. A021-1

CURVE NO. A021-2

CURVE NO. A003-1

CURVE NO. A003-1

144.61
N83°17'54.15"E

11.34
N69°27'23.15"E

11.34
S70°32'34.70"E

174.37
S83°15'46.70"E

375.51
N85°47'01.31"E

CALCULATED POINT

N 3°46'25.94"W

P.C. STA.381+70.88 ℄ A021
X•2,146,178.3862 Y•142,990.4184

P.T. STA.381+92.46 ℄ A003
X•2,146,200.7356 Y•142,927.5220

P.I. STA.383+45.25 ℄ A021
X•2,146,351.5522 Y•142,969.9626

P.I. STA.383+92.54 ℄ A021
X•2,146,397.5127 Y•142,959.2697

END. ℄ A021
P.O.T. STA.384+03.88 ℄ A021 96'LT.
•STA.4+76.39 FAP U-386(I)
X•2,146,408.2051 Y•142,955.4924

P.C. STA.380+08.81 ℄ A003
X•2,146,017.2679 Y•142,919.8975

SPFC BUSHELL.INC.

WALMART

142.29'

201.14'

403.28'

200'

15' OKC ESMNT

SCALE:
1" = 50'

PLS			
DRAWN			
CHECKED			
APPROVED			
CREW	POE		

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(I) PROJECT NO. 09032(07) SHEET NO. SD26

OKLAHOMA COUNTY

SDS 26 OF 46

8-87

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

400

SEC. 27, T-11-N, R-3-W

BM#11 -"X" ON CURB IN PARKING LOT W. OF SHIELDS 453.49' LT. ℄ A034 (CONTROL PT. "0-55-1838") A034 STA. 391+00.77

BM#10 - "X" ON CURB @ P.I. S. COR. PARKING LOT OF VALERO GAS STA. 176.68' LT. ℄ A034 A034 STA. 394+01.73

BM#9 - "X" ON CURB @ INLET S. PARKING LOT OF HOME DEPOT 175.60' LT. ℄ A034 A034 STA. 399+94.10

'X' ON CONC.

CURVE NO. A001-2
P.I. STA. 387+50.12
N: 143167.9547
E: 2146756.5375
Δ= 2°26'26.28" LT.
D= 1°00'00.00"
T= 122.05'
L= 244.06'
R= 5729.58'
LC= 244.045'
C= N88°14'11.48"E

P.C. STA. 386+28.07 ℄ A001
X=2,146,634.4928 Y=143,166.7977

P.T. STA. 388+72.13 ℄ A001
X=2,146,878.4222 Y=143,174.3079

SOUTH SHIELDS #1, LTD.

N 34°46'25.94"W
235.000'

*4 REBAR

PRES. R/W

℄ A001

149.998'

N 34°44'20.20"E
174.998'

+57.74
130.00'

386+00

CURVE NO. A001-2

N 86°45'06.37" E
257.832'

N 83°06'13.35" E
253.195'

429.19
N87°00'58.35"E

390

+15.28
142.17'

+66.92
170.19'

+98.82
215.84'

150

N 34°24'17.10" E
55.694'

PRES. R/W

℄ A012

835.32'

S 18°15'38.36" E
PRES. R/W

N 18°10'35.38" W
500.00'

P.J. STA. 147+61.38 ℄ A012
END ℄ A012
X=2,147,195.7747 Y=143,535.4895

P.J. STA. 152+61.38 FAP F 369(094)

P.J. STA. 152+61.38 ℄ A012

MICHAEL BRONSON TRACT I

S 18°15'38.36" W
491.914'
PRES. R/W

8083

N 89°27'11.21" E
202.840'

8086

℄

142.740'

SHIELDS PETROLEUM INC.

P.O.T. STA. 393+43.79 ℄ A034 SURVEY
• P.I. STA. 147+61.38 ℄ A012
• P.O.T. STA. 393+43.79 FAP IR-240-1(323
X=2,147,351.7473 Y=143,060.4395

P.J. STA. 393+01.32 ℄ A001
X=2,147,307.0260 Y=143,196.6485

N 18°10'35.38" W
500.00'

N 0°33'58.44" W
184.830'

N 0°10'54.21" W
329'

395

5091

S 53°24'43.90" E
73.820'

S 88°06'53.20" E
100.766'

5092

PRES. R/W

BM#10

50313

6439

5032

5031

5030

6461

5013

PRES. R/W

℄ A001

6459

*4 REBAR

6011

CALCULATED POINT

N 89° 27' 24.62" E
2360.69

P.J. STA. 147+61.38 ℄ A012•
P.J. STA. 147+61.38 FAP F-369(094)
X=2,147,351.7473 Y=143,060.4395

6001

CALCULATED POINT

℄ SURVEY A034

N 89° 27' 24.62" E
500.00

6240

6241

+00.00
130.00'

+83.32
136.63'

+83.32
145.71'

+67.15
151.08'

+32.55
203.59'

200.00'

+86.12
205.69'

+20.43
156.12'

+67.96
151.44'

+12.93
146.90'

+87.93
146.91'

+37.93
146.91'

401+00

E-W SEC. LINE
EW112

N 89°27'41.44 E
2,640.876'

6443 CURVE NO. A003-2

6445

50323

℄ A003

S 88°24'51.51" E
183.459'

PRES. R/W

5320

5319

BM#18

S 87°56'30.40" E
200.196'

5315

S 87°56'07.96" E
18.029'

PRES. R/W

507.13
S86°00'15.76"E

N 53°24'58.56" E
82.02'

5247

6003

6405

5071

*4 REBAR

15' OKC U/E

5317

5314

N 87°38'20.79" E
147.61'

N 87°40'01.28" E
145.04'
721.03'

N87°30'25.62"E

PRES. R/W

89.75'

8405

49.994'

5313

95.046'

5297

N 89°27'29.39" E

175.00'

5445

75.00'

5446

5318

50325

BM#20

57.86'

8168

15' OKC U/E

Curve NO. A003-2
P.I. Sta. 388+00.60
N: 142933.2871
E: 2146808.8480
Δ= 2°32'19.60" RT.
D= 1°30'00.00"
T= 84.64'
L= 169.25'
R= 3819.72'
LC= 169.238
C= S89°16'25.57'E

P.C. STA. 387+15.96 ℄ A003
X=2,146,724.2120 Y=142,932.4847

P.J. STA. 388+85.21 ℄ A003
X=2,146,893.4365 Y=142,930.3397

HUDIBURG INVESTMENTS INC.

DISCOUNT TIRE
HALLE PROPERTIES, LLC

BM#18 -"X" ON E. CURB OF 3RD ENTR. FROM W. ON N. SIDE NISSAN DEALERSHIP. 139.51' RT. ℄ A034 A034 STA. 389+27.33

145

BM#20- "X" ON CONC. BASE OF LIGHT POLE N. OF ENTERPRISE RENTAL. 155.12' RT. ℄ A034 A034 STA. 395+58.73

P.J. STA. 393+92.35 ℄ A003
X=2,147,400.2609 Y=142,912.6797

N 0°28'56.54" W
251.30'

S 18°10'35.38" E
202.87'

100.000'

*4 REBAR

N 18°10'35.38" W
500.00'

8070

8313

8314

8156

8166

8162

8060

8330

251.30'
N 89°27'41.44" E

10' OGE U/E

SCALE:
1" = 50'

SDS 27 OF 46

N 89°27'41.55" E 450.430'

SEC. 34, T-11-N, R-3-W

295.692'

6418

6311

BEG. ℄ A012
P.J. STA. 142+61.38 ℄ A012
•P.J. STA. 142+61.38 FAP F-369(094)
X=2,147,507.7199 Y=142,585.3894

N 3°08'40.79" E
60.29'

135.984'

(ENTERPRISE RENTALS)

20' ACCESS ESMNT

8174

8421

℄ 101.54'
N 73°18'49.79" E

5316

BOB D. JAMISON

65.07'

S 18°10'35.38" E

5057

169.894'

N 89°27'29.39" E

8404

8403

8232

8310

50'

95.00'

℄

195.467'

G. CLOYD PATTERSON

197.010'

247.010'

M.J. SANDUSKY

250.00'

220.00'

(MAACO) C. NEUGEBAUER & M.J. MARSHALL

8380

175.00'

8381

5286

220.010'

STILES AVE.

MTY REAL ESTATE LOT 2-4

8438

175.00'

5325
5326
5327
5328

8150

N 89°28'11.34" E
438.587'

5158

15' OKC U/E

P.C. STA. 399+09.25 ℄ A001
X=2,147,941.7851 Y=143,182.2355

P.O.T. STA. 400+00.00 ℄ A034 SURVEY
X=2,148,007.9278 Y=143,066.6602

CURVE NO. A001-3
P.I. STA. 400+04.34
N: 143179.9811
E: 2148009.8505
Δ= 1°54'06.00" LT.
D= 1°00'00.00"
T= 95.09'
L= 190.17'
R= 5729.58'
LC= 190.1580'
C= S89°35'32.38"E

P.T. STA. 400+99.42 ℄ A001
X=2,148,049.383 Y=143,180.8825

400

50311

PRES. R/W

BM#9

438.587'

504

5037

S 0°33'58.44" E
1.290'

395

607.93
S88°38'29.38"E

℄ A001

CURVE NO. A001-3

6468

6469

+09.62
168.64'

+06.29
168.74'

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD27

OKLAHOMA COUNTY

8-87

Preliminary Plans

SEC. 27, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION — REVISIONS — DATE

5

BM8 - "X" ON CURB @ 521 S.E.
72ND STREET 317.43' LT. ℄ A034
A034 STA. 406+48.06

BM#7- "X" ON CURB @ 521 S.E.
73RD STREET 323.22' LT. ℄ A034
A034 STA. 412+45.47

PLATTED 15' U/E

CLOVER LEAF MANOR ADDITION

Curve No. A022-2
P.I. Sta. 405+06.11
N: 143118.2247
E: 2148510.2029
Δ= 6°09'29.03" LT.
D= 3°00'00.00"
T= 102.73'
L= 205.27'
R= 1909.86'
LC= 205.170'
C= S87°27'50.88"E

Curve No. A022-1
P.I. Sta. 402+36.54
N: 143144.6217
E: 2148241.7040
Δ= 13°50'30.97" LT.
D= 30°58'44.63"
T= 22.45'
L= 44.68'
R= 184.95'
LC= 44.573'
C= S77°27'50.88"E

BYERS AVE.

72RD STREET

BLOCKLINE

73RD STREET

PRES.R/W

438.587'

1920.42
N89°27'24.62"E

EQUATION: P.O.T. STA. 415+08.92 BK.* = P.O.T. STA. 415+00.00 AHD.
FAP 1-240-I(323)
X=2,149,516.7800 Y=143,080.9645

A 415

CURVE NO. A022-1

CURVE NO. A022-2

CURVE NO. A023-1

CURVE NO. A023-2

CURVE NO. A003-3

℄ SURVEY A034

CALCULATED POINT

N 89° 27' 24.62" E
2016.49

N 89°27'29.39 E
2638.72'

E-W SEC. LINE
EW112

N 89°27'59.02" E
528.248'

N 89°27'19.79" E
1,087.763'

17' OKC U/E

15' U/E

*4 REBAR

LOT 1

LM REAL ESTATE CO. LLC
(SATURN DEALERSHIP)

E 50' TRACT 53 & WEST HALF 54

W.W. HIGGINBOTHAM REV. TRUST
E. HALF TRACT 54 &
WEST 2.50' TRACT 55

STATE OF OKLAHOMA
PARCEL 49 09032(09)
EAST 100' TRACT 55 & TRACTS 56-59

M-S 1/4 SEC. LINE
N53°08.5

MTV REAL ESTATE
LOT 2-4

627.00'
25' RD. EASEMENT

U/E OG&E 10'

BM#21-"X" ON CURB @ P.I. OF W. ENTRANCE TO CAR DEALERSHIP.
157.12' RT. ℄ 240
A034 STA. 402+17.71

BM#22-"X" ON HEADWALL DRAINAGE STRUCTURE 271.68' RT. ℄ 240
A034 STA. 408+36.59

BM#23-"X" ON CURB OF SIDEWALK ON N. SIDE BUILDING. 319.36' RT. ℄ A034A034 STA. 413+98.14

SCALE: 1" = 50'

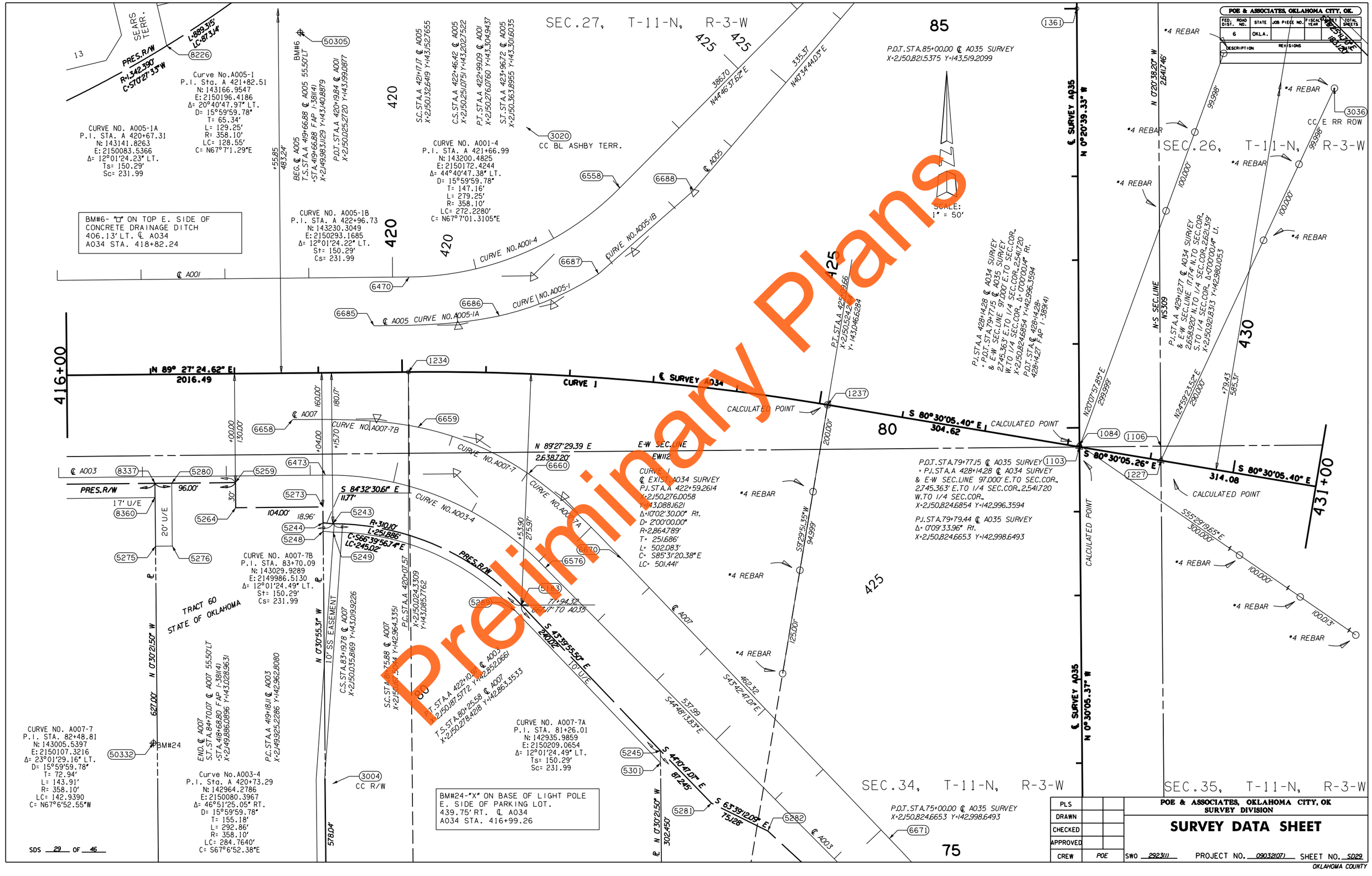
SEC. 34, T-11-N, R-3-W

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK
DRAWN			SURVEY DIVISION
CHECKED			SURVEY DATA SHEET
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD28

OKLAHOMA COUNTY

SDS 28 OF 46

8-87


SEC. 27, T-11-N, R-3-W
SEC. 26, T-11-N, R-3-W
SEC. 34, T-11-N, R-3-W
SEC. 35, T-11-N, R-3-W
SEARS TERR.
PRES. R/W
L=889.315'
LC=87°53'14"
R=1,542.390'
C=S70°27'33"W
8226
13
Curve No. A005-1
P.I. Sta. A 421+82.51
N: 143166.9547
E: 2150196.4186
Δ= 20°40'47.97" LT.
D= 15°59'59.78"
T= 65.34'
L= 129.25'
R= 358.10'
LC= 128.55'
C= N67°7'1.29"E
CURVE NO. A005-1A
P.I. STA. A 420+67.31
N: 143141.8263
E: 2150083.5366
Δ= 12°01'24.23" LT.
Ts= 150.29'
Sc= 231.99
BM#6
50305
BEG. ℄ A005
T.S. STA. A 419+66.88 ℄ A005 55.50'LT
•STA. 419+66.88 FAP I-38(14)
X=2,149,983.1129 Y=143,140.8879
P.O.T. STA. A 420+19.84 ℄ A001
X=2,150,025.2720 Y=143,990.0877
+55.85
483.24'
420
S.C. STA. A 421+17.17 ℄ A005
X=2,150,132.6419 Y=143,152.7655
C.S. STA. A 422+46.42 ℄ A005
X=2,150,251.0751 Y=143,202.7522
P.T. STA. A 422+99.09 ℄ A001
X=2,150,276.0760 Y=143,304.9437
S.T. STA. A 423+96.72 ℄ A005
X=2,150,363.8955 Y=143,301.6035
3020
CC BL ASHBY TERR.
CURVE NO. A001-4
P.I. STA. A 421+66.99
N: 143200.4825
E: 2150172.4244
Δ= 44°40'47.38" LT.
D= 15°59'59.78"
T= 147.16'
L= 279.25'
R= 358.10'
LC= 272.2280'
C= N67°7'01.3105"E
CURVE NO. A005-1B
P.I. STA. A 422+96.73
N: 143230.3049
E: 2150293.1685
Δ= 12°01'24.22" LT.
St= 150.29'
Cs= 231.99
BM#6- "□" ON TOP E. SIDE OF
CONCRETE DRAINAGE DITCH
406.13' LT. ℄ A034
A034 STA. 418+82.24
℄ A001
CURVE NO. A001-4
CURVE NO. A005-1B
CURVE NO. A005-1
CURVE NO. A005-1A
℄ A005
6558
6688
6687
6686
6685
6470
420
425
386.70
N44°46'37.62"E
335.37
N40°34'44.03"E
85
P.O.T. STA. 85+00.00 ℄ A035 SURVEY
X=2,150,821.5375 Y=143,519.2099
SCALE: 1" = 50'
1361
℄ SURVEY A035
N 0°20'39.33" W
2641.46'
99.998'
100.00'
*4 REBAR
3036
CC E RR ROW
P.J. STA. A 428+14.28 ℄ A034 SURVEY
• P.O.T. STA. 79+77.15 ℄ A035 SURVEY
& E-W SEC. LINE 97.000' E. TO SEC. COR.
2,745.363' E. TO 1/4 SEC. COR. 2,541.720
W. TO 1/4 SEC. COR. Δ= 0°00'00.4" Rt.
X=2,150,824.6854 Y=142,996.3594
P.O.T. STA. ℄ 428+14.28
428+14.27 FAP I-38(14)
P.J. STA. A 429+12.77 ℄ A034 SURVEY
& E-W SEC. LINE 17.174' N. TO SEC. COR.
2658.920' N. TO 1/4 SEC. COR. 2,662.319'
S. TO 1/4 SEC. COR. Δ= 0°00'00.4" Lt.
X=2,150,921.8313 Y=142,980.053'
N-S SEC. LINE
N5309
+79.43
565.31'
N2459'23.52"E
290.000'
N20°07'57.85"E
299.999'
P.I. STA. 422+10.38 ℄ A003
P.T. STA. 422+59.36 ℄ A035
X=2,150,524.2366
Y=143,046.6284
1237
CALCULATED POINT
S 80°30'05.40" E
304.62
CALCULATED POINT
80
1084
1106
1103
P.O.T. STA. 79+77.15 ℄ A035 SURVEY
= P.J. STA. A 428+14.28 ℄ A034 SURVEY
& E-W SEC. LINE 97.000' E. TO SEC. COR.
2,745.363' E. TO 1/4 SEC. COR. 2,541.720
W. TO 1/4 SEC. COR.
X=2,150,824.6854 Y=142,996.3594
P.J. STA. A 79+79.44 ℄ A035 SURVEY
Δ= 0°09'33.96" Rt.
X=2,150,824.6653 Y=142,998.6493
1227
S 80°30'05.26" E
S 80°30'05.40" E
314.08
CALCULATED POINT
S55°29'19.65"E
300.000'
100.013'
*4 REBAR
431+00
430
℄ SURVEY A035
N 0°30'05.37" W
CALCULATED POINT
P.O.T. STA. 75+00.00 ℄ A035 SURVEY
X=2,150,824.6653 Y=142,998.6493
6671
75
416+00
N 89° 27' 24.62" E
2016.49
CURVE 1
℄ SURVEY A034
1234
60.00'
180.17'
+00.00
130.00'
+04.00
+15.70
℄ A007
CURVE NO. A007-7B
6658
6659
CURVE NO. A007-7
N 89°27'29.39 E
2,638.720'
6660
CURVE NO. A007-7A
6473
℄ A003
8337
5280
5259
PRES. R/W
96.00'
30'
17' U/E
8360
20' U/E
5264
104.00'
18.96'
5273
S 84°32'30.6" E
11.77'
5243
5244
5248
R=310.10'
L=251.886'
C=S66°39'56.7"E
LC=245.02'
5249
5275
5276
6670
6576
5253
71+94.32
0.17' TO A035
5239
S 43°39'55.50" E
240.02'
10' U/E
S 44°10'41.07" E
87.245'
S 63°39'12.07" E
75.128'
5245
5301
5281
5282
℄ A003
℄ A007
125.00'
462.32
S45°42'47.01"E
537.99
S44°46'13.83"E
℄ N 0°30'21.50" W
302.450'
℄ A007
CURVE NO. A007-7A
P.I. STA. 81+26.01
N: 142935.9859
E: 2150209.0654
Δ= 12°01'24.49" LT.
Ts= 150.29'
Sc= 231.99
P.T. STA. A 422+10.38 ℄ A003
X=2,150,187.5772 Y=142,852.0661
T.S. STA. 80+25.58 ℄ A007
X=2,150,278.4218 Y=142,863.3533
S.C. STA. 79+75.88 ℄ A007
X=2,150,[illegible] Y=142,964.3351
P.C. STA. A 420+07.57
X=2,150,024.3309
Y=143,085.7762
C.S. STA. 83+19.78 ℄ A007
X=2,150,035.8169 Y=143,019.9226
627.00'
N 0°30'21.50" W
N 0°30'55.31" W
10' SS EASEMENT
578.04'
TRACT 60
STATE OF OKLAHOMA
END. ℄ A007
S.T. STA. 84+70.07 ℄ A007 55.50'LT
•STA. 418+68.80 FAP I-38(14)
X=2,149,886.0896 Y=143,028.9631
P.C. STA. A 419+18.11 ℄ A003
X=2,149,925.2286 Y=142,962.8080
CURVE NO. A007-7
P.I. STA. 82+48.81
N: 143005.5397
E: 2150107.3216
Δ= 23°01'29.16" LT.
D= 15°59'59.78"
T= 72.94'
L= 143.91'
R= 358.10'
LC= 142.9390
C= N67°6'52.55"W
50332
PBM#24
Curve No. A003-4
P.I. Sta. A 420+73.29
N: 142964.2786
E: 2150080.3967
Δ= 46°51'25.05" RT.
D= 15°59'59.78"
T= 155.18'
L= 292.86'
R= 358.10'
LC= 284.7640'
C= S67°6'52.38"E
3004
CC R/W
BM#24-"X" ON BASE OF LIGHT POLE
E. SIDE OF PARKING LOT.
439.75' RT. ℄ A034
A034 STA. 416+99.26
SDS 29 OF 46
PLS
DRAWN
CHECKED
APPROVED
CREW POE
POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION
SURVEY DATA SHEET
SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD29
OKLAHOMA COUNTY
FED. ROAD DIST. NO. 6 | STATE OKLA. | JOB PIECE NO. | FISCAL YEAR | SHEET NO. 25 | TOTAL SHEETS 180
DESCRIPTION REVISIONS
Preliminary Plans

8-87

SEC. 26, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

REVISIONS	DATE

BM#53-BAR & CAP (CONTROL POINT 0-55-1841)
286.71' LT. ℄ A034
A034 STA. 444+45.20

BM#52 - "X" ON TOP OF CURB S. OF LIGHT POLE S.E. OF THEATRE
308.74' RT. ℄ A034
A034 STA. 445+56.60

BM#54 - "X" ON TOP OF CURB IN E. PARKING LOT OF TEXAS ROADHOUSE
209.30' RT. ℄ A034
A034 STA. 439+22.55

BM#56- "X" ON TOP OF CURB S.E. PARKING LOT OF TIRE REPAIR
541.94' RT. ℄ A034
A034 STA. 433+59.70

BM#57- "□" ON TOP CONCRETE HEADWALL. 490.12' LT. ℄ A034
A034 STA. 431+23.73=
388.69' RT. ℄ A035 STA. 84+07.16

BM#38- #6 REBAR 6' W. OF O.G.&E. FENCE, 3RD LIGHT POLE FROM N.
954.34' RT. ℄ A035
A035 STA. 71+85.21=
693.64' RT. ℄ A034 STA. 437+77.03

Curve No.A006-1
P.I. Sta. 81+50.98
N: 142984.6150
E: 2151562.6074
Δ= 20°59'25.39" RT.
D= 15°59'59.78"
T= 66.34'
L= 131.19'
R= 358.10'
LC= 130.46'
C= N67°54'53.07"W

Curve No.A006-1A
P.I. STA. 80+34.78
N: 142961.1659
E: 2151676.8741
Δ= 12°01'24.49" RT.
Ts= 150.29'
Sc= 231.99

Curve No.A006-1B
P.I. STA. 82+66.14
N: 143047.4163
E: 2151464.3082
Δ= 12°01'24.49" RT.
St= 150.29'
Cs= 231.99

CURVE NO. A002-1
P.I. STA. 77+72.82
N: 143027.0285
E: 2151585.5593
Δ= 44°59'20.18" RT.
D= 15°59'59.78"
T= 148.29'
L= 281.18'
R= 358.10'
LC= 274.014'
C= S67°54'54.87"E

CURVE NO. A009-1
P.I. STA. A 441+22.91
N: 143015.0277
E: 2152126.0592
Δ= 12°56'24.70" LT.
D= 5°59'59.99"
T= 108.30'
L= 215.67'
R= 954.93'
LC= 215.219'
C= N83°07'12.9517"E

CURVE NO. A008-3
P.I. STA. 80+43.81
N: 142848.5942
E: 2151455.4703
Δ= 43°03'00.76" RT.
D= 7°30'00.13"
T= 301.31'
L= 574.00'
R= 763.94'
LC= 560.59'
C= N68°3'54.978"E

CURVE NO. A004-4
P.I. STA. A 458+90.06
N: 142773.9006
E: 2151428.9884
Δ= 43°02'58.73" RT.
D= 12°29'59.63"
T= 180.79'
L= 344.40'
R= 458.37'
LC= 336.3558'
C= N68°3'53.9637"E

CURVE 2
℄ EXIST. A034 SURVEY
P.I. STA. A 433+76.68
X= 2,151,379.3795
Y= 142,903.5503
Δ= 9°54'29.99" Lt.
D= 2°00'00.00"
R= 2,864.789'
T= 248.327'
L= 495.417'
C= S85°27'20.36"E
LC= 494.80'

SCALE: 1" = 50'

FAIRFIELD INN
MACERICH OKLAHOMA LIMITED PARTNERSHIP
TRACT C-1

TRACT B2

TRACT B1

CRM PROPERTIES GROUP

TEXAS ROADHOUSE MACERICH OKLAHOMA LIMITED PARTNERSHIP TRACT C

(REGAL THEATRE) MACERICH OKLAHOMA LIMITED PARTNERSHIP

HIBDON TIRES PLUS

RESIDENCE INN

CC E RR ROW

℄ SURVEY A034

OKLA.GAS & ELEC.FOUNDATION INC.

OKLA.GAS & ELEC.CO.

CALCULATED POINT

PRES.R/W

E-W SEC.LINE EW112

Preliminary Plans

SDS 30 OF 46

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD30

OKLAHOMA COUNTY

SEC. 35, T-11-N, R-3-W

8-87

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

BM#46 - "X" ON CURB @ S.W. COR. PARKING LOT. 317.36' LT. ℄ A034
A034 STA. 453+12.44

SEC. 26, T-11-N, R-3-W

MACERICH OKLAHOMA LIMITED PARTNERSHIP

VACANT LAND
GTA INVESTMENTS INC.

(AMC MOVIE 8 THEATRE)
CROSSROADS SOUTH LIMITED
TRACT 'A'

CC 8169-8172
CC 8311-8312

CC 8146-8152

CC 8062-8063

PC.STA.A 447+16.73 ℄ A009
X=2,152,704.7340 Y=143,152.3521

P.O.T.STA.A 450+50.00 ℄ A034 SURVEY
•STA.15+09.55 FAP I-240-4(86)
X=2,153,053.8931 Y=142,915.5281

R=1,487.085'
L=268.788'
C=N81°50'41.27"E
LC=268.42'

PRES.R/W

℄ A009

P.O.E.STA.A 452+90.26 ℄ A013
END.℄ A013
X=2,153,016.5222 Y=143,190.9323

CURVE NO.A009-2

CURVE NO. A009-2
P.I. STA. A 450+97.27
N: 143240.2178
E: 2153074.9930
Δ= 29°45'21.94" RT.
D= 4°00'00.05"
T= 380.54'
L= 743.90'
R= 1432.39'
LC= 735.5681'
C= S88°28'18.4322"E

CURVE NO. A024-1
P.I. STA. A 459+07.74
N: 142977.1456
E: 2153911.2149
Δ=163°11'09.67" LT.
D= 76°23'39.74"
T= 507.47'
L= 213.61'
R= 75.00'
LC= 148.39'
C= S7°59'56.43"W

BEG.℄ A024
P.O.T.STA.A 454+00.27 ℄ A024 55.50'LT
•STA 453+85.67 FAP I-240-4(86)
X=2,153,424.4063 Y=143,120.4766

P.T.STA.A 454+60.63 ℄ A009
END.℄ A024
P.O.T.STA.A 456+13.88 ℄ A024
•STA 454+33.66 FAP I-240-4(86)
X=2,153,403.7572 Y=142,971.5321

P.O.T.STA.A 455+66.73 ℄ A034 SURVEY
N-S SECTION LINE 96.99' N.TO 1/4 SEC.COR.
2,735.08' N.TO CEN.SEC. 2,540.783'
S.T.O.CEN.SEC. 0.084' N. 142,919.2242
X=2,153,537.0084 Y=142,971.3532

CURVE NO. A015-1
P.I. STA. 20576+48.20
N: 144093.4798
E: 2153994.2466
Δ= 26°47'49.38" LT.
D= 1°00'00.00"
T= 1364.82'
L= 2679.70'
R= 5729.58'
LC= 2655.35'
C= S13°5'28.2417"E

PC.STA.A 457+88.35 ℄ A009
X=2,153,754.4171 Y=143,040.1733

CURVE NO. A009-3
P.I. STA. A 459+09.33
N: 143006.0015
E: 2153870.4757
Δ= 16°48'58.04" LT.
D= 7°00'00.03"
T= 120.98'
L= 240.23'
R= 818.51'
LC= 239.3687'
C= S82°0'06.378"E

P.T.STA.A 460+28.58 ℄ A009
X=2,153,991.4573 Y=143,006.8669

P.O.T.STA.20564+76.90 ℄ A015
•P.O.T.STA.A 459+80.83 ℄ A034
X=2,153,984.6953 Y=142,922.1862

P.O.T.STA.A 460+41.7 ℄ A009
•P.O.T.STA.20564+78.25 ℄ A015
X=2,153,981.6622 Y=143,006.8555

P.O.T.STA.A 460+00.00 ℄ A034 SURVEY
X=2,154,003.8688 Y=142,922.3233

P.I.STA.A 460+42.45 ℄ A009
X=2,154,005.3222 Y=143,006.9661

P.O.B.STA.A 460+03.54 ℄ A0274 26'LT
BEG.℄ A027
X=2,154,007.2193 Y=142,948.3050

BM#46 L=162.00'
R=1,497.39'
L=336.004'
C=S80°08'26.74"E
LC=335.30'

OG&E 10' EASEMENT

*4 REBAR

CC PROP.

S 7.5° E
114.20'

S 39°05'05.03" W
234.00'

R=389.38'
L=348.250'

R=286.38'
L=231.525'

R=224.110'
L=167.893'

S 0°20'11.74" E
60.00'

N 0°15'11.91" W
54.70'

S 47°03'56.74" E
45.75'

N 41°39'51.09" E
39.03'

L=174.004'

PRES.R/W

CURVE NO. A009-3

CURVE NO. A015

RR R/W

CURVE NO. A015-1

N 89°35'25.09" E
213.34'

PRES.R/W

S73°35'38.40"E
327.72'

98.456'

110.000'

N 89°35'37.30" E
2,647.786'

N 89°35'25.09 E
2,648.364'

E-W SEC.LINE
EW112

20565

450

455

460

+92.44
290.96'

+58.61
327.13'

+84.76
356.10'

275.66

N00°24'35.40"W

+94.31
367.44'

+27.58
336.04'

+57.51
276.27

+74.54
215.16'

+61.20
215.16'

13.87
N89°35'24.60"E

185.64

84.72

+83.41
129.96'

N89°35'24.60"E
℄ A027

N 89° 35' 24.60" E
535.39

N 89° 35' 24.60" E
950.00

CALCULATED POINT

℄ SURVEY A034

446+00

461+00

234.02

N00°24'35.40"W

99.993'

N00°24'33.59"W

193.52

N00°20'01.97"W

500.00

N00°20'01.97"W

+69.40
317.53'

+66.31
396.00'

+66.40
246.00'

+84.91
246.00'

+88.61
200.00'

N-S 1/4 SEC.LINE
NS3095

P.J.STA.A 450+14.60 ℄ A013
X=2,153,018.4940 Y=142,915.2749

P.J.STA.A 475+86.31 ℄ A004
X=2,153,116.4276 Y=142,637.1452

BEG.℄ A025
PC.STA.A 452+60.80 ℄ A025 55.50'RT.
•STA.452+00 FAP I-240-4(86)
X=2,153,218.8859 Y=142,861.2069

CURVE NO.A025-1

CURVE NO. A025-1
P.I. STA. A 457+45.46
N: 142865.0042
E: 2153749.7368
Δ=134°03'43.01" RT.
D= 25°27'53.25"
T= 530.86'
L= 526.46'
R= 225.00'
LC= 414.32'
C= S23°22'43.9171"E

END.℄ A025
P.O.E. STA.A 457+41.06 ℄ A025
•STA 457+26.46 FAP I-240-4(86)(87)
X=2,153,383.2928 Y=142,480.9001

END.℄ A004
P.O.E.STA.A 478+93.21 ℄ A004
•STA 454+29.84 FAP I-240-4(86)(87)
X=2,153,383.2928 Y=142,480.9001

P.C.STA.20562+83.38 ℄ A015
X=2,153,986.9254 Y=142,728.6774

N 89°35'24.60" E
218.509'

PRES.R/W

CURVE NO.A004-5

CURVE NO. A004-5
P.I. STA. A 472+93.36
N: 142784.0622
E: 2152849.4253
Δ= 29°59'59.58" RT.
D= 4°59'59.93"
T= 307.05'
L= 600.00'
R= 1145.92'
LC= 593.1696'
C= S75°24'35.6078"E

R=1,095.920'
L=569.883'
C=S76°16'59.94"E
LC=563.48'

S 60°24'35.40" E
573.82'

S60°24'32.44"E
306.89

℄ A004

℄ A025

℄ A015

℄ A015-1

℄ A013

℄ A009

℄ A034

℄ A024

℄ A027

20' OKG. SS U/E

RR R/W

100.00'

N 89°35'24.60" E

92.986'

N 0°22'27.54" W
2637.777'

N 0°22'27.18" W
150.00'

BM#39- "X" ON W. CURB EAST OF LIGHT POLE @ O.G.&E. MAIN PARKING LOT. 262.04' RT. ℄ A034
A034 STA. 446+16.87

BM#42- #6 REBAR @ N.W. FENCE CORNER OF BUDWIESER PROPERTY 196.39' RT. ℄ A034
A034 STA. 460+94.99

BM#37 - "□" ON CONCRETE FOOTING OF N.N.E. FENCE OF O.G.&E. YARD. 326.25' RT. ℄ A034
A034 STA. 450+89.25

BM#40- "□" ON CONCRETE FOOTING OF N.E. FENCE CORNER OF O.G.&E. YARD. 606.19' RT. ℄ A034
A034 STA. 455+69.01

OKLA.GAS & ELEC.CO.

SEC. 35, T-11-N, R-3-W

SDS 31 OF 46

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 29231(1) PROJECT NO. 0903210(7) SHEET NO. SD31

OKLAHOMA COUNTY

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SEC.26, T-11-N, R-3-W

BM#50- "□" ON TOP OF SANITARY SEWER MANHOLE 147.47' LT. ℄ A034
A034 STA. 464+13.38

SCALE: 1" = 50'

BM#49- "□" ON TOP OF CURB @ S.E. CORNER PARKING LOT. 178.33' LT. ℄ A034
A034 STA. 470+82.54

PC. STA. A 461+89.18 ℄ A027
X=2,154,192.8546 Y=142,949.6329

P.C. STA. A 463+07.99
X=2,154,311.8497
Y=142,924.5263

P.T. STA. A 464+18.35 ℄ A027
X=2,154,422.0198 Y=142,948.9806

P.I. STA. A 465+03.76 ℄ A027
X=2,154,507.4277 Y=142,949.5915

*4 REBAR

100.000'

N0°24'34.40"W

100.00'

99.999'

100.00'

BM#50 50363

BM#49 5003 50349

465

470

475

AMERICAN-FIRST TITLE & TRUST CO.

San Swr Easement (OKC)

5004 5007 5008

PRES. R/W

N 89°35'36.45" E
681.56'

N 82°25'53.96" E
820.70'

5226 5225

℄ A009

1295.67
N88°26'39.60"E

6614

N 89°35'37.30" E
2,647.786'

E-W SEC. LINE
EW112

CURVE NO. A009-4

CURVE NO. A009-4
P.I. STA. A 475+84.63
N: 143050.2906
E: 2155546.8960
Δ= 28°56'58.63" LT.
D= 5°59'59.99"
T= 246.51'
L= 482.49'
R= 954.93'
LC= 477.3778'
E= N73°37'50.5992"E

PC. STA. A 473+38.12 ℄ A009
X=2,155,300.5169 Y=143,042.1412

P.T. STA. A 474+74.66
X=2,155,478.4909
Y=142,920.9935

+73.43
246.07'

185.64 ℄ A027
N89°35'24.60"E

CURVE NO. A027-1

6634 85.41 6633
N89°35'24.60"E

℄ A027 131.74'

900.70
N89°04'37.60"E

℄ A027

6632 CURVE NO. A027-2 6631

6635

N 89° 35'24.60" E
307.99

CALCULATED POINT

CURVE 3

CALCULATED POINT

℄ SURVEY A034

CALCULATED POINT

461+00

476+00

6105 6014 6107

6621

℄ A010

499.38
S85°40'39.40"E

6620

CURVE NO. A010-1

S0°45'19.10"W
150.01'

+10.40
200.01'

+72.76
200.74'

*4 REBAR

N 89°35'37.30" E
221.780'

PRES. R/W

5164 5161

BM#43 50360

R=57,095.800'
L=1,158.294'
C=S89°47'25.63"E
LC=1,158.27'

CURVE NO. A027-1
P.I. STA. A 463+03.17
N: 142948.1609
E: 2154307.4340
Δ= 1°08'45.06" LT.
D= 0°30'00.00"
T= 114.59'
L= 229.17'
R= 11459.16'
LC= 229.1662'
C= S89°50'12.8675"E

PBO DEV. COMPANY
(BUDWEISER-BUSCH)

BEG. ℄ A010
P.O.T. STA. A 467+13.00 ℄ A010 44'RT
•STA. 467+00 FAP 1-240-4(86)57
X=2,154,716.8604 Y=142,882.3266

CURVE 3
℄ EXIST. A034 SURVEY
P.I. STA. A 468+91.34
X=2,154,895.1883
Y=142,928.6990
Δ=110°00.00" Rt.
D= 0°06'00.00"
R=57,295.779'
T= 583.353'
L= 1,166.667'
C= S89°49'35.40"E
LC= 1,166.647'

PC. STA. A 472+12.38 ℄ A010
X=2,155,214.8201 Y=142,844.6891

CURVE NO. A010-1
P.I. STA. A 474+82.01
N: 142824.3679
E: 2155483.6784
Δ= 23°54'46.77" RT.
D= 4°29'59.99"
T= 269.63'
L= 531.40'
R= 1273.24'
LC= 527.5515'
C=S73°43'16.0154"E

PC. STA. A 474+04.46 ℄ A027
X=2,155,408.0108 Y=142,964.0988

P.T. STA. A 477+43.78 ℄ A010
X=2,155,721.2213 Y=142,696.8096

BM#43- #6 X 30" LG. REBAR 197.10' RT. ℄ A034
A034 STA. 472+62.48

BM#43- #6 X 30" LG. REBAR 197.10' RT. ℄ A034
A034 STA. 472+62.48

SEC.35, T-11-N, R-3-W

Preliminary Plans

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(11) PROJECT NO. 09032(07) SHEET NO. SD32

OKLAHOMA COUNTY

SDS 32 OF 46

SEC.26, T-11-N, R-3-W

SEC.25, T-11-N, R-3-W

SEC.35, T-11-N, R-3-W

SEC.36, T-11-N, R-3-W

N-S SEC. LINE N5310

E-W SEC. LINE EW112

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

BM#48- "X" ON SIGN BASE
WEST OF EASTERN AVE.
312.21' LT. ℄ A034
A034 STA. 478+91.48

BM#45- "X" ON HEADWALL
W. SIDE OF EASTERN AVE.
511.12' RT. ℄ A034
A034 STA. 481+79.75

BM#44- #6 X 30" LG.
REBAR 372.48' RT. ℄ A034
A034 STA. 478+44.22

SCALE:
1" = 100'

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(11) PROJECT NO. 09032(07) SHEET NO. SD33

OKLAHOMA COUNTY

SDS 33 OF 46

Preliminary Plans

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				
REVISIONS					
DESCRIPTION					DATE

SCALE:
1" = 50'

BEG. ℄ A016
T.S. STA. 80+51.88 ℄ A016 41°24'LT.
•TS STA. 89+18.19 F AP I-38(14)
X•2,150,635.8849 Y•143,069,761.9

S.C. STA. 82+02.58 ℄ A016
X•2,150,495.6564 Y•143,119,414.1

C.S. STA. 86+86.72 ℄ A016
X•2,150,705.4157 Y•143,298,575.1

END ℄ A016
S.T. STA. 88+36.55 ℄ A016
•ST STA. 81+33.66 F AP I-38(14)
X•2,150,733.8074 Y•143,153,400.0

CURVE NO. A016-1B
P.I. STA. 87+38.07
N: 143254.8219
E: 2150732.2986
Δ= 30°42'54.74" RT.
St= 149.83'
Cs= 144.70

CURVE NO. A016-1
Δ= 198°29'56.22" RT.
D= 40°59'59.79"
T= -1.00'
L= 484.14'
R= 139.75'
LC= 275.86'
C= N 49°29'54.53" E

P.T. STA. A 425+09.66
X•2,150,524.2414
Y•143,046.6284

CURVE NO. A016-1A
P.I. STA. 81+53.92
N: 143086.1216
E: 2150535.1661
Δ= 30°53'34.35" RT.
Ts= 150.70'
Sc= 145.12

CURVE NO. A016-1A
CURVE NO. A016-1B
℄ A016
℄ SURVEY A034
℄ SURVEY A035
421+00
425
430
435
436+00
80
85
75
1361
1237
1084
1103
1227
1238
1355
6642
6643
6644
6645
6646
6647
6648
6649
6651
6652
6653
6654
6655
6656
6657
N 0°20'39.33" W
520.57
S 80°30'05.40" E
304.62
S 80°30'05.26" E
N 0°30'05.37" W
479.43

P.O.T. STA. 85+00.00 ℄ A035 SURVEY
X•2,150,821.5375 Y•143,519.2099

BEG. ℄ A017
T.S. STA. 80+53.38 ℄ A017
F AP I-38(14)
X•2,150,913.5169 Y•143,073.1298

S.C. STA. 82+03.59 ℄ A017
X•2,150,937.5975 Y•143,219.4020

C.S. STA. 87+36.52 ℄ A017
X•2,151,009.2906 Y•143,018.7604

END ℄ A017
S.T. STA. 88+85.89 ℄ A017 43'LT
•ST STA. 88+84.36 F AP I-38(14)
X•2,150,961.8249 Y•143,016.5705

CURVE NO. A017-1A
P.I. STA. 81+55.08
N: 143174.8210
E: 2150912.1527
Δ= 30°47'36.96" RT.
Ts= 150.21'
Sc= 144.88

CURVE NO. A017-1
Δ= 218°29'52.52" RT.
D= 40°59'59.79"
T= -1.00'
L= 532.92'
R= 139.75'
LC= 263.87'
C= S 40°30'05.27" E

P.I. STA. A 428+14.28 ℄ A034 SURVEY
& E-W SEC. LINE 97.000' E. TO SEC. COR.
2,745.363' E. TO 1/4 SEC. COR. 2,541.720'
W. TO 1/4 SEC. COR.
X•2,150,824.6854 Y•142,996.3594
P.O.T. STA. A 428+14.28
428+14.27 F AP I-38(14)

P.I. STA. A 429+12.77 ℄ A034 SURVEY
& E-W SEC. LINE 17.174' N. TO SEC. COR.
2,658.920' N. TO 1/4 SEC. COR. 2,621.353'
S. TO 1/4 SEC. COR. Δ 0°00'00.4" Lt.
X•2,150,921.8313 Y•142,980.053

CURVE NO. A017-1B
P.I. STA. 87+87.70
N: 143000.1760
E: 2151061.5983
Δ= 30°37'14.80" RT.
St= 149.37'
Cs= 144.48

P.C. STA. A 431+28.35
X•2,151,134.4563
Y•142,944.5298

CURVE NO. A018-1B
P.I. STA. 86+36.07
N: 142993.4835
E: 2150587.3819
Δ= 30°44'58.69" RT.
St= 150.00'
Cs= 144.78

CURVE 1
℄ EXIST. A034 SURVEY
P.I. STA. A 422+59.2614
X•2,150,276.0058
Y•143,088,162.1
Δ•10°02'30.00" Rt.
D• 2°00'00.00"
R•2,864.789'
T• 251.686'
L• 502.083'
C• S85°31'20.38"E
LC• 501.441'

Curve No. A018-1
Δ= 218°29'52.62" RT.
D= 40°59'59.79"
T= -1.00'
L= 532.92'
R= 139.75'
LC= 263.87'
C= N 40°30'05.27" W

P.O.T. STA. 79+77.15 ℄ A035 SURVEY
•79+75.83 F AP I-38(14)
P.I. STA. A 79+79.44 ℄ A035 SURVEY
Δ• 0°09'33.96" Rt.
X•2,150,824.6653 Y•142,998.6493

P.O.T. STA. 79+77.15 ℄ A035 SURVEY
• P.I. STA. A 428+14.28 ℄ A034 SURVEY
& E-W SEC. LINE 97.000' E. TO SEC. COR.
2,745.363' E. TO 1/4 SEC. COR. 2,541.720'
W. TO 1/4 SEC. COR.
X•2,150,824.6854 Y•142,996.3594

BEG. ℄ A018
T.S. STA. 79+01.74 ℄ A018
•TS STA. 79+00.42 F AP I-38(14)
X•2,150,687.5396 Y•142,976.7422

END ℄ A018
S.T. STA. 87+34.66 ℄ A018 42'RT
•ST STA. 70+67.49 F AP I-38(14)
X•2,150,735.8489 Y•142,920.1689

C.S. STA. 85+84.66 ℄ A018
X•2,150,539.4644 Y•142,974.8501

S.C. STA. 80+51.74 ℄ A018
X•2,150,710.8374 Y•142,774.2084

CURVE NO. A018-1A
P.I. STA. 80+03.29
N: 142818.6217
E: 2150736.7371
Δ= 30°44'59.37" RT.
Ts= 150.00'
Sc= 144.78

CURVE NO. A019-1B
P.I. STA. 85+86.51
N: 142736.7179
E: 2150916.7058
Δ= 30°32'24.85" RT.
St= 148.98'
Cs= 144.29

Curve No. A019-1
Δ= 198°29'56.22" RT.
D= 40°059'59.79"
T= -1.00'
L= 484.14'
R= 139.75'
LC= 275.86'
C= S 49°29'54.53" W

CURVE NO. A019-1A
P.I. STA. 80+02.87
N: 142905.4273
E: 2151113.6508
Δ= 30°44'59.60" RT.
Ts= 150.00'
Sc= 144.78

P.O.T. STA. 75+00.00 ℄ A035 SURVEY
X•2,150,824.6653 Y•142,998.6493

BEG. ℄ A019
T.S. STA. 79+01.32 ℄ A019 42'LT
•TS STA. 78+17.23 F AP I-38(14)
X•2,151,013.4926 Y•142,922.1852

C.S. STA. 85+35.46 ℄ A019
X•2,150,943.1327 Y•142,693.0485

S.C. STA. 80+51.32 ℄ A019
X•2,151,152.8920 Y•142,872.2095

END ℄ A019
S.T. STA. 86+84.44 ℄ A019
•ST STA. 70+33.08 F AP I-38(14)
X•2,150,915.5789 Y•142,837.5489

CURVE 2
℄ EXIST. A034 SURVEY
P.I. STA. A 433+76.68
X•2,151,379.3795
Y•142,903.5503
Δ•9°54'29.99" Lt.
D• 2°00'00.00"
R•2,864.789'
T• 248.327'
L• 495.417'
C• S85°27'20.36"E
LC• 494.80'

PLS			POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN			SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD34

OKLAHOMA COUNTY

SDS 34 OF 46

8-87

SEC. 34, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SCALE:
1" = 50'

P.O.T. STA. 25+00.00 ℄ A035 SURVEY
BEG. A035
X=2,150,872.6245 Y=137,519.4210

25

*4 REBAR

*4 REBAR

*4 REBAR

*4 REBAR

1323

S84°49'15.54"W
100.00'
52.000'
60.000'

89TH STREET

S 89°23'53.62" W
374.93'

LOVE'S COUNTRY STORES, INC.

5480

5483

N 33°39'10.06" E
26.61'

5484

PRES. R/W

N 0°25'57.71" E
300.55'

5486

30

℄

212.72'

S 89°37'41.19" W
395.72'

8469

N 0°33'23.80" W
659.403'

℄

DALE BLISS
CLASSIC AUTO PARTS
OF OKLA. INC.

5485

N 0°25'57.71" E
327.472'

PRES. R/W

+72.67
175.46'

190.40'

30.64

+73.18
170.56'

+00.60
165.22'

℄ SURVEY A035

N 0°30'05.37" W
1500.00

34+00

+59.98
210.05'

+12.18
184.91'

+50.01
158.96'

+00.60
150.07'

3002

150.44'
N 3°53'32.39" W

438.60'
N 3°53'32.39" W

PRES. R/W

5044

PRES. R/W

5049

5050

5051

N 26°13'18.39" W
57.94'

(FORD DEALERSHIP)

LINDA BROCK NELSON REV. TRUST
ARMOUR REALTY INC & DKH ENTERPRISES INC.

(STAR MANUFACTURING)

TMF II INVESTMENTS, INC.

℄

387.000'

S 89°31'48.61" W

1258.09'

S 89°31'48.61" W

SEC. 35, T-11-N, R-3-W

Preliminary Plans

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD35

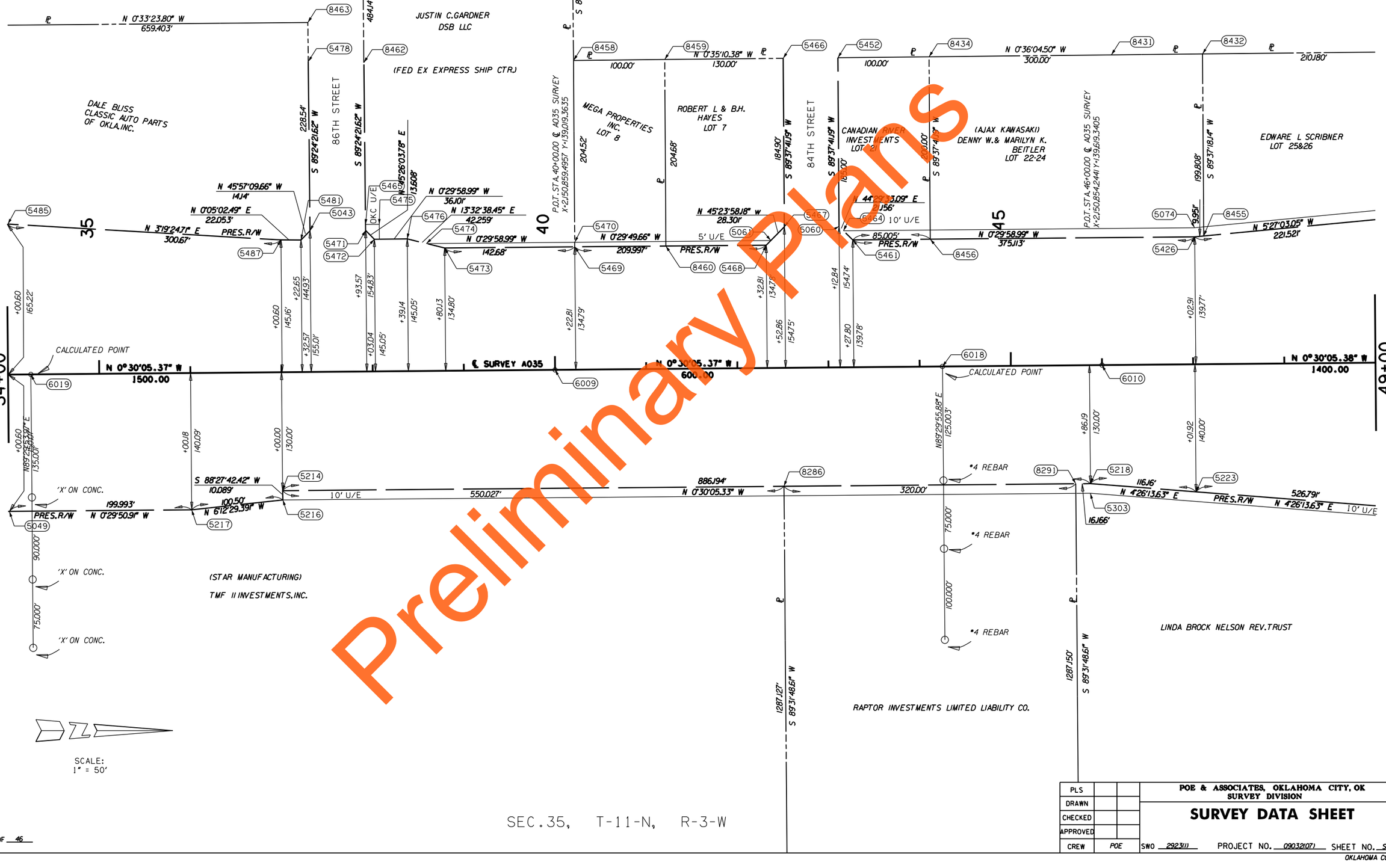
OKLAHOMA COUNTY

SDS 35 OF 46

SEC. 34, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.						
FED. DIST. NO.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE



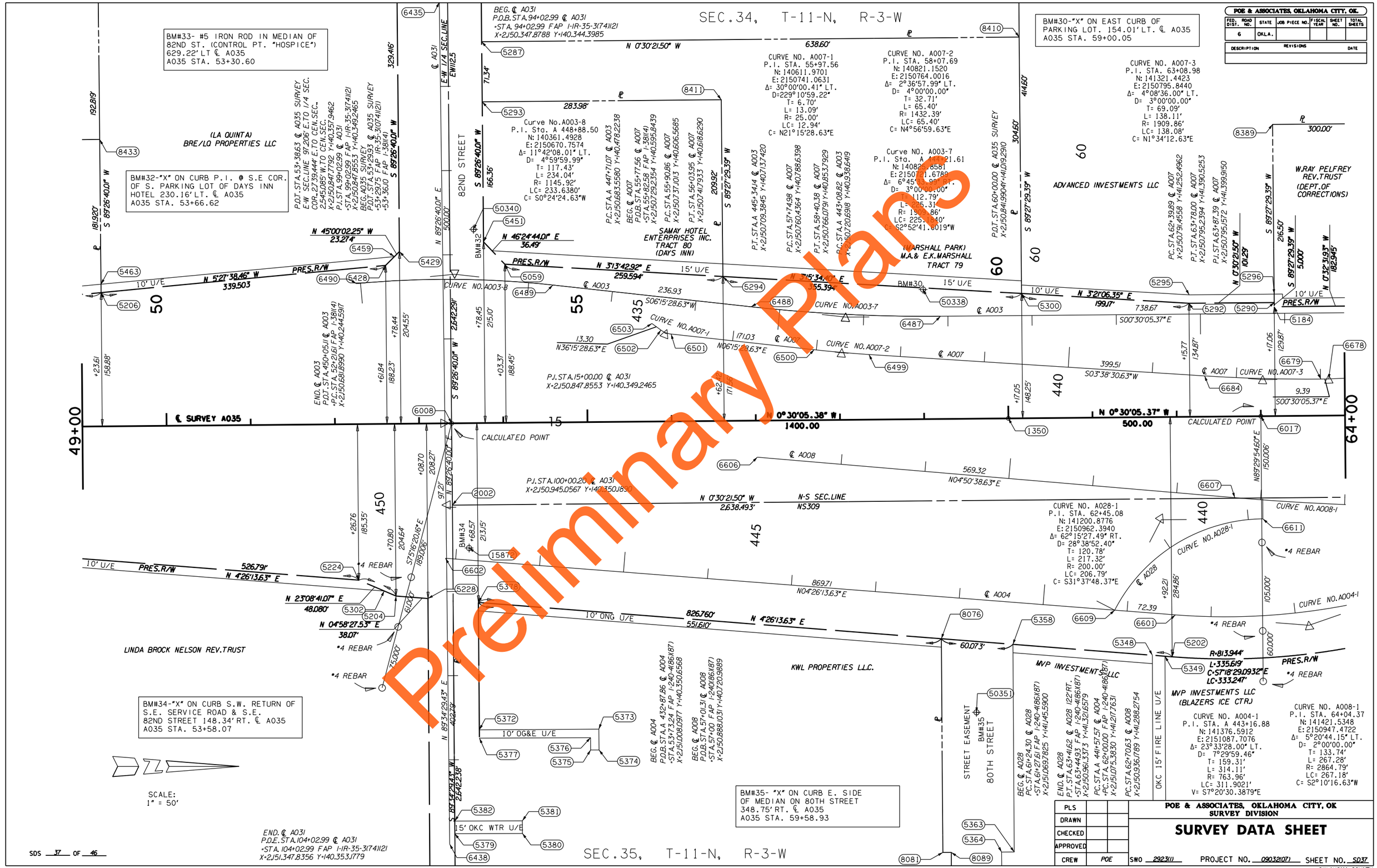
Preliminary Plans

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD36

OKLAHOMA COUNTY

SDS 36 OF 46

8-87


BM#33- #5 IRON ROD IN MEDIAN OF 82ND ST. (CONTROL PT. "HOSPICE") 629.22' LT ℄ A035 A035 STA. 53+30.60
BM#32-"X" ON CURB P.I. @ S.E COR. OF S. PARKING LOT OF DAYS INN HOTEL 230.16' LT. ℄ A035 A035 STA. 53+66.62
BM#30-"X" ON EAST CURB OF PARKING LOT. 154.01' LT. ℄ A035 A035 STA. 59+00.05
BM#34-"X" ON CURB S.W. RETURN OF S.E. SERVICE ROAD & S.E. 82ND STREET 148.34' RT. ℄ A035 A035 STA. 53+58.07
BM#35- "X" ON CURB E. SIDE OF MEDIAN ON 80TH STREET 348.75' RT. ℄ A035 A035 STA. 59+58.93
SEC. 34, T-11-N, R-3-W
SEC. 35, T-11-N, R-3-W
82ND STREET
80TH STREET
(LA QUINTA) BRE/LQ PROPERTIES LLC
SAMAY HOTEL ENTERPRISES INC. TRACT 80 (DAYS INN)
(MARSHALL PARK) M.A.& E.K.MARSHALL TRACT 79
ADVANCED INVESTMENTS LLC
W.RAY PELFREY REV.TRUST (DEPT.OF CORRECTIONS)
LINDA BROCK NELSON REV.TRUST
KWL PROPERTIES L.L.C.
MVP INVESTMENTS LLC (BLAZERS ICE CTR)
CURVE NO. A003-8 P.I. Sta. A 448+88.50 N: 140361.4928 E: 2150670.7574 Δ= 11°42'08.01" LT. D= 4°59'59.99" T= 117.43' L= 234.04' R= 1145.92' LC= 233.6380' C= S0°24'24.63"W
CURVE NO. A007-1 P.I. STA. 55+97.56 N: 140611.9701 E: 2150741.0631 Δ= 30°00'00.41" LT. D=229°10'59.22" T= 6.70' L= 13.09' R= 25.00' LC= 12.94' C= N21°15'28.63"E
CURVE NO. A007-2 P.I. STA. 58+07.69 N: 140821.1520 E: 2150764.0016 Δ= 2°36'57.99" LT. D= 4°00'00.00" T= 32.71' L= 65.40' R= 1432.39' LC= 65.40' C= N4°56'59.63"E
CURVE NO. A003-7 P.I. Sta. A 444+21.61 N: 140821.8581 E: 2150[illegible].6789 Δ= 6°45'[illegible]" D= 3°00'00.00" T= 112.79' L= 225.31' R= 1909.86' LC= 225.19' C= S2°52'41.6019"W
CURVE NO. A007-3 P.I. STA. 63+08.98 N: 141321.4423 E: 2150795.8440 Δ= 4°08'36.00" LT. D= 3°00'00.00" T= 69.09' L= 138.11' R= 1909.86' LC= 138.08' C= N1°34'12.63"E
CURVE NO. A004-1 P.I. STA. A 443+16.88 N: 141376.5912 E: 2151087.7076 Δ= 23°33'28.00" LT. D= 7°29'59.46" T= 159.31' L= 314.11' R= 763.96' LC= 311.9021' V= S7°20'30.3879"E
CURVE NO. A008-1 P.I. STA. 64+04.37 N: 141421.5348 E: 2150947.4722 Δ= 5°20'44.15" LT. D= 2°00'00.00" T= 133.74' L= 267.28' R= 2864.79' LC= 267.18' C= S2°10'16.63"W
CURVE NO. A028-1 P.I. STA. 62+45.08 N: 141200.8776 E: 2150962.3940 Δ= 62°15'27.49" RT. D= 28°38'52.40" T= 120.78' L= 217.32' R= 200.00' LC= 206.79' C= S31°37'48.37"E
N 0°30'21.50" W 638.60'
N 0°30'21.50" W 2,638.493'
N 0°30'05.38" W 1400.00
N 0°30'05.37" W 500.00
N 89°27'29.39" W 1,320.00'
S 89°26'40.01" W 2,642.238'
N 89°26'40.01" E 500.00'
N 89°34'29.43" E 402.29'
N 45°00'02.25" W 23.27'
N 46°24'44.01" E 36.49'
N 5°27'38.46" W 339.503'
N 3°13'42.92" E 259.594'
N 3°15'34.40" E 355.394'
N 3°21'06.35" E 199.17'
N 0°32'21.50" W 101.29'
N 0°32'31.93" W 182.945'
N 1°26'13.63" E 526.791'
N 23°08'41.07" E 48.080'
N 04°58'27.53" E 38.07'
N 1°26'13.63" E 826.760'
N 1°26'13.63" E 551.610'
S 89°26'40.01" W 329.416'
S 89°26'40.01" W 192.819'
S 89°26'40.01" W 181.920'
S 89°27'29.39" W 283.98'
S 89°27'29.39" W 209.92'
S 89°27'29.39" W 304.60'
S 89°27'29.39" W 216.50'
S 89°27'29.39" W 5.00'
S 89°27'29.39" W 414.60'
S 89°27'29.39" W 300.00'
S 89°27'29.39" W 1,320.00'
S 89°27'29.39" W 2,642.238'
S 89°34'29.43" W 2,642.238'
N 89°29'54.60" E 150.006'
S00°30'05.37"E 738.67'
S00°30'05.37"E 399.51'
S00°30'05.37"E 9.39'
N04°50'38.63"E 569.32'
N06°15'28.63"E 171.03'
N36°15'28.63"E 13.30'
S06°15'28.63"W 236.93'
N04°26'13.63"E 869.71'
N0°30'21.50"W 71.34'
N0°30'21.50"W 283.98'
N0°30'21.50"W 209.92'
N0°30'21.50"W 304.60'
N0°30'21.50"W 414.60'
N0°30'21.50"W 216.50'
N0°30'21.50"W 5.00'
N0°30'21.50"W 300.00'
N0°30'21.50"W 1,320.00'
N0°30'21.50"W 2,642.238'
N89°34'29.43"W 2,642.238'
N89°29'54.60"E 150.006'
S00°30'05.37"E 738.67'
S00°30'05.37"E 399.51'
S00°30'05.37"E 9.39'
S04°50'38.63"W 569.32'
S06°15'28.63"W 236.93'
S36°15'28.63"E 13.30'
S04°26'13.63"W 869.71'
S0°30'21.50"E 71.34'
S0°30'21.50"E 283.98'
S0°30'21.50"E 209.92'
S0°30'21.50"E 304.60'
S0°30'21.50"E 414.60'
S0°30'21.50"E 216.50'
S0°30'21.50"E 5.00'
S0°30'21.50"E 300.00'
S0°30'21.50"E 1,320.00'
S0°30'21.50"E

SEC. 34, T-11-N, R-3-W

BM#28-"X" ON EAST CURB OF PARKING LOT. 136.00' LT. ℄ A035 A035 STA. 65+16.94

BM#27-"X" IN DRIVEWAY EAST OF FRONT DOOR BODYWORKS INC. 177.72' LT. ℄ A035 A035 STA. 68+21.51

BM#26- #6 X 30" LG. REBAR 526.25' LT. ℄ A035 A035 STA. 72+81.56

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. DISP. NO.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	6	OKLA.				

DESCRIPTION	REVISIONS	DATE

Curve No. A003-6
P.I. Sta. A 434+21.88
N: 141825.8207
E: 2150712.9264
Δ= 5°56'11.01" RT.
D= 2°00'00.00"
T= 148.54'
L= 296.82'
R= 2864.79'
LC= 296.6870'
C= S3°28'10.87"E

CURVE NO. A007-5
P.I. STA. 70+59.97
N: 142070.7722
E: 2150751.2824
Δ= 5°56'14.93" RT.
D= 4°29'59.99"
T= 66.03'
L= 131.94'
R= 1273.24'
LC= 131.89'
C= N3°28'12.87"W

H&H ASSOCIATES OF NORMAN LIMITED PARTNERSHIP

Curve No.A003-5
P.I. Sta. A 428+69.64
N: 142383.0775
E: 2150650.0467
Δ= 37°14'52.21" RT.
D= 15°59'59.78"
T= 120.68'
L= 232.80'
R= 358.10'
LC= 228.7220'
C= S25°03'42.87"E

CURVE NO. A007-4
P.I. STA. 66+19.26
N: 141631.3205
E: 2150781.1312
Δ= 4°17'21.02" RT.
D= 3°00'00.00"
T= 71.52'
L= 142.97'
R= 1909.86'
LC= 142.94'
C= N2°38'45.87"W

W.RAY PELFREY REV.TRUST (DEPT.OF CORRECTIONS)

(BODYWORKS INC)

MID AMERICA CHRISTIAN UNIV.

MVP INVESTMENTS LLC

(BLAZERS ICE CTR)

OKLA.GAS & ELEC.FOUNDATION INC.

CURVE NO. A004-3
P.I. STA. A 453+05.57
N: 142356.2692
E: 2150988.2824
Δ= 47°02'27.11" RT.
D= 12°29'59.63"
T= 199.50'
L= 376.33'
R= 458.37'
LC= 365.8490'
C= S23°1'08.1847"W

CURVE NO. A008-2
P.I. STA. 73+75.59
N: 142380.0152
E: 2150955.7160
Δ= 47°02'30.05" RT.
D= 16°47'04.95"
T= 148.57'
L= 280.27'
R= 341.36'
LC= 272.46'
C= N24°25'13.33"E

CURVE NO. A007-6A
P.I. STA. 72+42.64
N: 142253.5445
E: 2150749.6963
Δ= 12°01'24.49" LT.
Ts= 150.29'
Sc= 231.99

CURVE NO. A007-6B
P.I. STA. 74+63.28
N: 142456.5707
E: 2150667.2820
Δ= 12°01'24.49" LT.
St= 150.29'
Cs= 231.99

CURVE NO. A007-6
P.I. STA. 73+53.31
N: 142362.0345
E: 2150725.6767
Δ= 19°16'28.87" LT.
D= 15°59'59.78"
T= 60.81'
L= 120.47'
R= 358.10'
LC= 119.90'
C= N22°5'37.2"W

CURVE NO. A008-1
P.I. STA. 64+04.37
N: 141421.5348
E: 2150947.4722
Δ= 5°20'44.15" LT.
D= 2°00'00.00"
T= 133.74'
L= 267.28'
R= 2864.79'
LC= 267.18'
C= S2°10'16.63"W

CURVE NO. A004-1
P.I. STA. A 443+16.88
N: 141376.5912
E: 2151087.7076
Δ= 23°33'28.00" LT.
D= 7°29'59.46"
T= 159.31'
L= 314.11'
R= 763.96'
LC= 311.9021'
V= S7°20'30.3879"E

CURVE NO. A004-2
P.I. STA. A 445+96.92
N: 141645.4330
E: 2150994.5042
Δ= 18°37'09.04" RT.
D= 7°29'59.53"
T= 125.23'
L= 248.26'
R= 763.96'
LC= 247.1691'
C= S9°48'39.87"E

BM#36- "□" ON S. CURB OF S.E. 79TH ST. & S.E. SERVICE ROAD 234.04' RT. ℄ A035 A035 STA. 66+79.07

BM#37- "X" ON N. HEADWALL @ S.W. ENTR. OF O.G.&E. YARD. 865.26' RT. ℄ A035 A035 STA. 67+15.69

BM#38- #6 REBAR 6' W. OF O.G.&E. FENCE, 3RD LIGHT POLE FROM N. 954.34' RT. ℄ A035 A035 STA. 71+85.21= 693.64' RT. ℄ A034 STA. 437+77.03

SCALE: 1" = 50'

79TH STREET

CALCULATED POINT

*4 REBAR

℄ SURVEY A035

N 0°30'05.37" W 500.00

N 0°30'05.37" W 479.43

N-S SEC. LINE NS309'

N 0°30'21.50" W 2,638.493'

N 0°30'05.40" W 386.27'

SEC. 35, T-11-N, R-3-W

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD38

OKLAHOMA COUNTY

SDS 38 OF 46

8-87

Preliminary Plans

SEC. 27, T-11-N, R-3-W

SEC. 34 T-11-N R-3-W

SEC. 35 T-11-N R-3-W

SEC. 26, T-11-N, R-3-W

BM#4- "X" ON CURB S. SIDE OF 73ST STREET 520.15' LT, ℄ A035 A035 STA. 89+03.86

BM#5- "X" ON CURB @ CNTR. OF STORM INLET 258.21' LT ℄ A035 A035 STA. 85+81.41= 551.64' LT. ℄ A034 STA. 424+65.14

BM#1- "X" ON CURB N. SIDE OF 71ST STREET 326.63' LT. ℄ A035 A035 STA. 92+35.03

BM#58- "X" ON TOP OF CURB IN N.W. PARKING LOT OF BEST BUY 171.55' RT. ℄ A035 A035 STA. 88+25.03 EL=1289.40

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION — REVISIONS — DATE

CURVE NO. A007-7
P.I. STA. 82+48.81
N: 143005.5397
E: 2150107.3216
Δ= 23°01'29.16" LT.
D= 15°59'59.78"
T= 72.94'
L= 143.91'
R= 358.10'
LC= 142.9390
C= N67°6'52.55"W

CURVE NO. A007-7A
P.I. STA. 81+26.01
N: 142935.9859
E: 2150209.0654
Δ= 12°01'24.49" LT.
Ts= 150.29'
Sc= 231.99

Curve No.A003-4
P.I. Sta. A 420+73.29
N: 142964.2786
E: 2150080.3967
Δ= 46°51'25.05" RT.
D= 15°59'59.78"
T= 155.18'
L= 292.86'
R= 358.10'
LC= 284.7640'
C= S67°6'52.38"E

Curve No.A005-1
P.I. Sta. A 421+82.51
N: 143166.9547
E: 2150196.4186
Δ= 20°40'47.97" LT.
D= 15°59'59.78"
T= 65.34'
L= 129.25'
R= 358.10'
LC= 128.55'
C= N67°7'1.29"E

CURVE NO. A005-1B
P.I. STA. A 422+96.73
N: 143230.3049
E: 2150293.1685
Δ= 12°01'24.22" LT.
St= 150.29'
Cs= 231.99

CURVE NO. A001-4
P.I. STA. A 421+66.99
N: 143200.4825
E: 2150172.4244
Δ= 44°40'47.38" LT.
D= 15°59'59.78"
T= 147.16'
L= 279.25'
R= 358.10'
LC= 272.2280'
C= N67°7'01.3105"E

CURVE NO. A001-5
P.I. STA. A 428+07.95
N: 143666.1653
E: 2150634.4983
Δ= 37°40'30.20" LT.
D= 15°59'59.78"
T= 122.17'
L= 235.47'
R= 358.10'
LC= 231.2507'
C= N25°56'22.719"E

CURVE NO. A002-2
P.I. STA. 86+11.17
N: 143621.1908
E: 2150972.5032
Δ= 41°14'48.62" RT.
D= 15°59'59.78"
T= 134.77'
L= 257.79'
R= 358.10'
LC= 252.2630'
C= S24°47'49.83"E

Curve No.A006-3
P.I. Sta. 93+36.35
N: 143899.7346
E: 2150892.4278
Δ= 6°44'27.10" RT.
D= 4°59'59.93"
T= 67.49'
L= 134.82'
R= 1145.92'
LC= 134.74'
C= N3°42'49.71"W

Curve No.A006-4
P.I. Sta. 95+57.74
N: 144120.0961
E: 2150873.0243
Δ= 6°44'24.00" RT.
D= 3°24'00.00"
T= 99.23'
L= 198.24'
R= 1685.17'
LC= 198.12'
C= N3°42'51.33"W

Curve No.A006-5
P.I. Sta. 97+47.51
N: 144309.0469
E: 2150866.5174
Δ= 4°34'25.95" RT.
D= 3°24'00.00"
T= 67.30'
L= 134.53'
R= 1685.17'
LC= 134.49'
C= N2°37'52.33"W

CURVE NO. A002-3
P.I. STA. 90+95.15
N: 144115.5961
E: 2150936.4243
Δ= 3°49'46.02" RT.
D= 2°00'00.00"
T= 95.77'
L= 191.47'
R= 2864.79'
LC= 191.4370'
C= S2°15'32.33"

Curve No.A006-2A
P.I. STA. 89+30.53
N: 143514.0636
E: 2150990.7747
Δ= 12°01'24.49" RT.
Ts= 150.29'
Sc= 231.99

Curve No.A006-2B
P.I. STA. 91+62.43
N: 143725.8868
E: 2150901.3776
Δ= 12°01'24.49" RT.
St= 150.29'
Cs= 231.99

Curve No.A006-2
P.I. Sta. 90+47.01
N: 143611.6654
E: 2150926.3862
Δ= 21°04'36.47" RT.
D= 15°59'59.78"
T= 66.62'
L= 131.73'
R= 358.10'
LC= 130.99'
C= N22°52'53.41"W

Curve No.A005-2A
P.I. STA. A 428+32.51
N: 143627.6006
E: 2150652.7958
Δ= 12°01'24.18" LT.
Ts= 150.29'
Sc= 231.99

Curve No.A005-2B
P.I. STA. A 430+64.69
N: 143840.6869
E: 2150739.8235
Δ= 12°01'24.69" LT.
St= 150.29'
Cs= 231.99

Curve No.A005-3
P.I. Sta. A 432+79.92
N: 144056.3571
E: 2150738.5139
Δ= 4°49'36.85" RT.
D= 3°31'59.91"
T= 68.35'
L= 136.61'
R= 1621.59'
LC= 373.45'
C= S3°22'44.1485"W

CURVE NO. A001-6
P.I. STA. A 432+47.35
N: 144110.9869
E: 2150689.9205
Δ= 7°26'46.96" LT.
D= 1°59'33.06"
T= 187.12'
L= 373.72'
R= 2875.55'
LC= 373.4540'
C= S3°22'44.1485"W

P.O.T. STA.85+00.00 ℄ A035 SURVEY X=2,150,821.5375 Y=143,519.2099
S.C. STA.A 421+17.17 ℄ A005 X=2,150,132.6419 Y=143,527.7655
C.S. STA.A 422+46.42 ℄ A005 X=2,150,251.0751 Y=143,202.7522
P.T. STA.A 422+99.09 ℄ A001 X=2,150,276.0760 Y=143,304.9437
S.T. STA.A 423+96.72 ℄ A005 X=2,150,363.8955 Y=143,301.6035
S.C. STA.A 428+82.38 ℄ A005 X=2,150,680.0193 Y=143,669.9076
C.S. STA.A 429+21.26 ℄ A001 X=2,150,749.6031 Y=143,787.3969
S.T. STA.A 430+14.38 ℄ A005 X=2,150,739.2063 Y=143,941.1131
PC. STA.A 430+60.23 ℄ A001 X=2,150,766.7851 Y=143,925.3006
P.C. STA.A 431+57.09 ℄ A005 X=2,150,773.9245 Y=144,038.0122
P.O.T. STA.90+00.00 ℄ A035 SURVEY X=2,150,818.5333 Y=144,019.2009
P.T. STA.A 433+48.18 ℄ A005 X=2,150,743.8557 Y=144,124.4942
P.T. STA.A 434+33.94 ℄ A001 X=2,150,688.7962 Y=144,298.1055
P.J. STA.A 436+36.11 ℄ A005 X=2,150,766.3597 Y=144,411.5434

P.J. STA.A 428+14.28 ℄ A034 SURVEY
• P.O.T. STA.79+77.15 1/4 A035 SURVEY & E-W SEC. LINE 97.000' E.TO SEC.COR. 2,745.363' E.TO 1/4 SEC.COR. 2,541.720 W.TO 1/4 SEC.COR. Δ= 0°00'00.14" Rt. X=2,150,824.6854 Y=142,996.3594

P.J. STA.A 429+12.77 ℄ A034 SURVEY & E-W SEC. LINE 17.17'4 N.TO SEC.COR. 2,658.920' N.TO 1/4 SEC.COR. 2,621.319' S.TO 1/4 SEC.COR. Δ= 0°00'00.14" Lt. X=2,150,921.8313 Y=142,980.1053

P.O.T. STA.79+77.14 ℄ A035 SURVEY • P.I. STA.428+14.28 ℄ A034 SURVEY & E-W SEC.LINE 97.000' E.TO SEC.COR. 2,745.363' E.TO 1/4 SEC.COR. 2,541.720 W.TO 1/4 SEC.COR. X=2,150,824.6854 Y=142,996.3594

P.J. STA.79+79.44 ℄ A035 SURVEY Δ= 0°09'33.96" Rt. X=2,150,824.6854 Y=142,996.3594

P.O.T. STA.79+77.15 ℄ A035 SURVEY •79+75.83 FAP I-38(14) P.I. STA.79+79.44 ℄ A035 SURVEY • 0°09'33.96" Rt. X=2,150,824.6653 Y=142,998.6493

T.S. STA.80+25.58 ℄ A007 X=2,150,278.4218 Y=142,863.3533

P.T. STA.A 422+10.97 ℄ A003 X=2,150,087.5772 Y=142,852.0661

S.C. STA.81+75.88 ℄ A007 X=2,150,167.5044 Y=142,964.3351

T.S. STA.88+30.10 ℄ A006 X=2,151,062.3159 Y=143,443.5820
P.C. STA.84+76.40 ℄ A002 X=2,151,088.4955 Y=143,526.5975
S.C. STA.89+80.39 ℄ A006 X=2,150,963.0776 Y=143,556.0621
C.S. STA.91+12.12 ℄ A006 X=2,150,912.1456 Y=143,567.6737
P.T. STA.87+34.20 ℄ A002 X=2,150,962.6946 Y=143,755.6014
S.T. STA.92+62.42 ℄ A006 X=2,150,900.7895 Y=143,826.3132
P.C. STA.92+68.87 ℄ A006 X=2,150,900.7508 Y=143,832.7631
P.T. STA.94+03.68 ℄ A006 X=2,150,892.0234 Y=143,967.2201
PC. STA.89+99.38 ℄ A002 X=2,150,943.3946 Y=144,020.0781
P.C. STA.94+58.50 ℄ A006 X=2,150,885.2625 Y=144,021.6216
P.T. STA.91+90.85 ℄ A002 X=2,150,935.8489 Y=144,211.3663
P.T. STA.96+56.74 ℄ A006 X=2,150,872.4281 Y=144,219.3265
P.C. STA.96+80.21 ℄ A006 X=2,150,872.2870 Y=144,242.7960
P.T. STA.98+14.74 ℄ A006 X=2,150,866.1301 Y=144,377.1442
P.C. STA.98+30.62 ℄ A006 X=2,150,864.7516 Y=144,392.9658
PC. STA.94+31.50 ℄ A002 X=2,150,937.2948 Y=144,452.0120
P.T. STA.99+65.14 ℄ A006 X=2,150,858.5775 Y=144,527.3140

CC BL ASHBY TERR.

CLOVER LEAF MANOR ADDITION

ASHBY TERR.

71ST STREET BLOCK LINE

PLATTED 15' U/E

CROSSROADS SOUTH LIMITED TRACT D

HERITAGE COLLEGE WESTON GROUP, LLC.

BEST BUY REALTY INCOME CORP

15' OKC. W/L U/E

10' ONG U/E

6' U/E OG&E

CALCULATED POINT

SCALE: 1" = 50'

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD39

SDS 39 OF 46

OKLAHOMA COUNTY

8-87

Preliminary Plans

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION | DATE

SEC. 27, T-11-N, R-3-W

BM#1- "X" ON CURB E. SIDE OF PARKING LOT OF ARBY'S
155.87' LT, ℄ A035
A035 STA. 105+35.58

BM#2 - #5 REBAR 295.24' LT, ℄ A035
(CONTROL PT. "0-55-1837")
A035 STA. 101+11.28

BM#59 - "□" ON TOP CONCRETE HEADWALL.
(CONTROL PT. "RAMADA")
131.47' RT. ℄ A035
A035 STA. 94+25.50

BM#60 "X" ON CURB W. SIDE OF RAMADA HOTEL PARKING LOT.
176.35' RT. ℄ A035
A035 STA. 101+09.27

BM FIRESTONE- "□" @ S.W. CORNER OF BLDG.
JACKIE COOPER/ FIRESTONE
204.35' RT. ℄ A035
A035 STA. 107+92.56

SEC. 26, T-11-N, R-3-W

CURVE NO. A001-7
P.I. STA. A 436+42.83
N: 144506.9863
E: 2150687.5429
Δ= 2°17'26.00" LT.
D= 2°59'40.34"
T= 38.25'
L= 76.49'
R= 1913.34'
LC= 76.4860'
C= S1°29'12.49"E

CURVE NO. A001-8
P.I. STA. A 441+51.12
N: 145014.9945
E: 2150670.5373
Δ= 2°17'26.03" RT.
D= 3°00'00.00"
T= 38.18'
L= 76.35'
R= 1909.86'
LC= 76.347'
C= S1°29'22.33"E

CURVE NO. A002-4
P.I. STA. 94+95.08
N: 144515.5946
E: 2150936.9128
Δ= 3°48'49.01" RT.
D= 3°00'00.00"
T= 63.58'
L= 127.12'
R= 1909.86'
LC= 127.0970'
C= S1°33'45.17"W

CURVE NO. A002-5
P.I. STA. 97+95.71
N: 144815.8374
E: 2150951.1984
Δ= 3°48'49.01" RT.
D= 3°00'00.00"
T= 63.58'
L= 127.12'
R= 1909.86'
LC= 127.0970'
C= S1°51'03.05"W

Curve No.A006-6
P.I. Sta. 98+97.91
N: 144460.0166
E: 2150858.9819
Δ= 4°34'25.95" RT.
D= 3°24'00.00"
T= 67.30'
L= 134.53'
R= 1685.17'
LC= 134.49'
C= N2°37'52.33"W

Curve No.A006-7
P.I. Sta. 100+57.84
N: 144620.0121
E: 2150857.9946
Δ= 5°01'27.04" RT.
D= 3°00'00.00"
T= 83.79'
L= 167.47'
R= 1909.86'
LC= 167.42'
C= N2°10'4.17"E

Curve No.A006-8
P.I. Sta. 107+02.89
N: 145263.0183
E: 2150910.6323
Δ= 24°58'35.66" RT.
D=229°10'59.22"
T= 5.54'
L= 10.90'
R= 25.00'
LC= 10.81'
C= N17°10'4.17"E

Curve No.A005-4
P.I. Sta. A 441+51.63
N: 144926.3742
E: 2150751.2287
Δ= 2°19'40.01" LT.
D= 2°00'00.00"
T= 58.20'
L= 116.39'
R= 2864.79'
LC= 76.35'
C= S1°29'22.33"E

CURVE NO. A002-6
P.I. STA. 102+95.67
N: 145315.6976
E: 2150952.7434
Δ= 3°35'43.01" RT.
D= 3°00'00.00"
T= 59.94'
L= 119.84'
R= 1909.86'
LC= 119.8230'
C= S1°27'12.17"W

Curve No.A005-5
P.I. Sta. A 445+69.04
N: 145341.8198
E: 2150710.5847
Δ= 24°45'21.47" LT.
D=229°10'59.22"
T= 5.49'
L= 10.80'
R= 25.00'
LC= 10.72'
C= S17°57'57.38"E

Curve No.A002-7
P.I. STA. 106+18.55
N: 145638.0917
E: 2150971.0560
Δ= 6°35'41.96" LT.
D= 4°59'59.99"
T= 66.02'
L= 131.90'
R= 1145.92'
LC= 131.8270'
C= S0°02'47.33"E

CURVE NO. A002-1
P.I. Sta. 108+56.33
N: 145872.2159
E: 2150707.4017
Δ= 26°21'31.33" LT.
D=229°10'59.22"
T= 5.85'
L= 11.50'
R= 25.00'
LC= 11.4'
C= S16°28'33.17"W

(RAMADA HOTEL)
HEARTLAND WHOLESALE RETAIL L.L.C.

(LUBY'S CAFETERIA) GHW, INC.

(BURGER KING) O&M RESTAURANT GROUP INC.

METRO PCS/ CROSSROADS LIQUOR

7/11 QUICK STOP

SUN WEST MUD COMPANY

HILL ASSOCIATES LTD.

FLOOR DESIGNZ

ARBY'S

CLOVER LEAF MANOR ADDITION

SCALE: 1" = 50'

CALCULATED POINT

END. ℄ A030
P.O.T. STA. 214+02.99 ℄ A030
- STA. 214+02.99 FAP IR -35-3(074)121
X=2,151,308.7961 Y=145,641.3027

P.J. STA. 210+00.01 ℄ A030
X=2,150,905.8228 Y=145,638.9775

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

PLS			
DRAWN			
CHECKED			
APPROVED			
CREW	POE	SWO 2923(1)	PROJECT NO. 0903207

SHEET NO. SD40

SDS 40 OF 46

OKLAHOMA COUNTY

8-87

SEC. 27, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

SCALE: 1" = 50'

Curve No. A032-1
P.I. Sta. 108+56.33
N: 145872.2159
E: 2150707.4017
Δ= 26°21'31.33" LT.
D=229°10'59.22"
T= 5.85'
L= 11.50'
R= 25.00'
LC= 11.4'
C= S16°28'33.17"W

CURVE NO. A001-9
P.I. STA. A 454+66.43
N: 146330.2904
E: 2150662.6343
Δ= 4°49'37.05" RT.
D= 3°00'00.00"
T= 80.50'
L= 160.90'
R= 1909.86'
LC= 160.8510'
C= S2°04'09.17"W

Curve No.A032-2
P.I. Sta. 115+27.47
N: 146542.4496
E: 2150746.0004
Δ= 4°54'26.64" RT.
D= 3°00'00.00"
T= 81.84'
L= 163.58'
R= 1909.86'
LC= 163.53'
C= S5°44'58.99"W

CURVE NO. A001-10
P.I. STA. A 463+76.74
N: 147237.9132
E: 2150733.7898
Δ= 9°15'10.99" RT.
D= 1°00'00.00"
T= 463.66'
L= 925.31'
R= 5729.58'
LC= 924.30'
C= S9°06'33.17"W

LONG TERM PROPERTIES LLC.
FEED THE CHILDREN / SPECIALTY INTERMEDIATE / STORM SAFE

BLUE BELL ICE CREAM
BLUE BELL OPERATING LLC

BONE RANDALL & BONE GLORIA J.

PIERCE BILLIE JO TRS.
FIRST CASH PAWN

RANDALL PATRICIA TRS.
COLOR CREATION /
PRIME TIME MOTOR SPORTS

GARY OWENS CONSTRUCTION LLC.

NAJAFABADI MOHAMMADALI
EAGLE CARS

PKK HOLDINGS LLC.

TIO CHUYS
AUTO SALES LLC.

TIO CHUYS
AUTO SALES INC.

JHS HOMES &
HOLDINGS INC.

CURVE 4
℄ EXIST. A035 SURVEY
P.I. STA. 122+03.22
X=2,150,799.2871
Y=147,222.3501
Δ=17°34'17.16" RT.
D= 1°00'00.00"
R=57,29.58'
T= 885.52'
L= 1,757.14'
C= N8°26'29.25"E
LC= 1,750.27'

CURVE NO. A002-8
P.I. STA. 109+96.64
N: 146015.6788
E: 2150948.7650
Δ= 3°00'02.32" RT.
D= 3°00'00.00"
T= 50.02'
L= 100.02'
R= 1909.86'
LC= 100.010'
C= S2°06'18.75"E

Curve No.A033-1
P.I. Sta. A 121+16.91
N: 147129.7417
E: 2150898.3511
Δ= 13°02'01.92" RT.
D= 3°00'00.00"
T= 218.17'
L= 434.46'
R= 1909.86'
LC= 433.5260'
C= S11°59'44.73"W

CURVE NO. A002-9
P.I. STA. 120+23.70
N: 147042.2975
E: 2150929.5169
Δ= 13°42'27.10" RT.
D= 2°00'00.00"
T= 344.33'
L= 685.38'
R= 2864.79'
LC= 683.7430'
C= N6°30'53.2723"E

CALCULATED POINT

*4 REBAR

*5 REBAR

"X" ON CURB

"X" ON CONC. IN LIGHT POLE

N 0°20'39.33" W
1317.68

N 0°20'36.57" W

N-S SEC. LINE
NS309

℄ SURVEY A035

℄ A032

℄ A001

℄ A002

℄ A033

℄ A036

CURVE 4

CURVE NO. A032-2

CURVE NO. A001-9

CURVE NO. A001-10

CURVE NO. A002-8

CURVE NO. A033-1

CURVE NO. A002-9

PRES.R/W

109+00

124+00

SEC. 26, T-11-N, R-3-W

PLS
DRAWN
CHECKED
APPROVED
CREW POE

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 09032(107) SHEET NO. SD41

OKLAHOMA COUNTY

SDS 41 OF 46

Preliminary Plans

8-87

SEC. 27, T-11-N, R-3-W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

95

BEG. ℄ A029 @ 95+00.00 ℄ A029
P.O.T. STA. 95+00.00 ℄ A029
•STA. 97+48.88 FAP I-IR-35-3(110)123
X=2,150,629.0492 Y=148,281.8565

BEG. A036-1
P.O.B. STA. 125+41.98 ℄ A036-1
•STA. 124+46.78 FAP I-IR-35-3(110)123
X=2,150,864.0401 Y=147,565.9896

END ℄ A036
P.O.E. STA. 126+27.61 ℄ A036
•STA. 126+27.61 FAP I-IR-35-3(110)123
X=2,150,863.7415 Y=147,647.8237

P.T. STA. A 468+38.38 ℄ A001
X=2,150,843.8834 Y=147,688.3138

PC. STA. 126+22.81 ℄ A036-1
X=2,150,878.5574 Y=147,645.5052

PC. STA. A 469+05.70 ℄ A001
X=2,150,859.8681 Y=147,753.7085

P.T. STA. A 470+46.50 ℄ A001
X=2,150,876.2437 Y=147,893.1966

P.T. STA. 128+82.68 ℄ A036-1
X=2,150,901.1789 Y=147,904.0104

END ℄ A036-1
P.O.E. STA. 129+43.46 ℄ A036-1 25'RT. OF ℄ A001
•STA. 129+48.26 FAP I-IR-35-3(110)123
X=2,150,900.8138 Y=147,964.7893

END ℄ A001
P.O.E. STA. A 474+37.89 ℄ A001
•STA. 132+81.04 FAP I-IR-35-3(110)
X=2,150,873.8921 Y=148,284.5745

P.O.T. STA. 133+02.75 ℄ A035 SURVEY
END A035 SURVEY
244.956' E. TO 1/4 SEC. COR.
239.09' W. TO SEC. COR.
X=2,151,129.0452 Y=148,285.8404

P.O.T. STA. 133+02.75 ℄ A035 SURVEY
•133+02.69
FAP I-IR-35-3(110)123

P.J. STA. 100+00.01 ℄ A029
X=2,151,129.0452 Y=148,285.8404

BEG. ℄ A029 @ STA. 97+60.93 ℄ A029
X=2,150,889.9611 Y=148,284.7529

CURVE NO. A001-11
P.I. STA. A 469+76.46
N: 147822.4414
E: 2150876.6688
Δ= 14°04'47.99" LT.
D= 9°59'59.99"
T= 70.76'
L= 140.80'
R= 572.96'
LC= 140.446'
C= S6°41'44.67"W

CURVE NO. A036-1-1
P.I. STA. 127+53.12
N: 147773.6995
E: 2150901.9619
Δ= 10°41'27.07" LT.
D= 4°06'50.13"
T= 130.31'
L= 259.87'
R= 1392.73'
LC= 259.49'
C= N5°0'4.205"E

100

CURVE 4
℄ EXIST. A035 SURVEY
P.J. STA. 122+03.22
X=2,150,799.2871
Y=147,222.3501
Δ=17°34'17.16" RT.
D= 1°00'00.00"
R=57,29.58'
T= 885.52'
L= 1757.14'
C= N8°26'29.25"E
LC= 1,750.27'

Curve No. A033-2
P.I. Sta. 126+31.63
N: 147607.6266
E: 2151038.3301
Δ= 5°08'22.89" LT.
D= 3°52'52.00"
T= 66.26'
L= 132.43'
R= 1476.27'
LC= 132.3840'
C= S15°56'34.26"W

CURVE NO. A002-10
P.I. STA. 130+02.52
N: 147997.8231
E: 2151156.4506
Δ= 15°46'48.47" RT.
D= 4°00'00.00"
T= 198.51'
L= 394.50'
R= 1432.39'
LC= 393.2575'
C= S21°10'03.5045"W

END. ℄ A029 @ 105+00.01 ℄ A029
P.O.T. STA. 105+88.00 FAP I-IR-35-3(110)123
•STA. 101+88.00 FAP I-IR-35-3(110)123
X=2,151,629.0400 Y=148,288.1146

105

SCALE:
1" = 50'

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD42

OKLAHOMA COUNTY

SDS 42 OF 46

SEC. 26, T-11-N, R-3-W

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SECTION CORNER
ODOT# O-55-97
SET SANDSTONE 14 X 12 X 3
G.L.O. NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD DATED 07-30-2002
FOUND CHISELED X IN CONC
X=2150889.9611 Y= 148284.7529

1/4 SECTION CORNER
ODOT# O-55-99
SET SANDSTONE 15 X 13 X 4
G.L.O NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
SET CHISELED X IN PAVEMENT FROM EXISTING REFERENCE POINTS
X=2150905.8228 Y= 145638.9775

1/4 SECTION CORNER
ODOT# O-55-1368
SET 14 X 10 X 4 SANDSTONE
GLO NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 01-13-1997
FOUND PK NAIL
X=2145619.0344 Y= 145578.6212

CENTER 1/4 SECTION CORNER
ODOT# O-55-1314
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
FOUND PK NAIL
X=2148266.4141 Y= 145611.9997

SECTION CORNER
ODOT# O-55-634
SET 16 X 12 X 5 SANDSTONE
FOUND 1/2" IRON PIN
X=2150921.6810 Y= 142997.2789

SECTION CORNER
ODOT# O-55-1367
SET 16 X 12 X 3 SANDSTONE
G.L.O. NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-1985
FOUND 1/2" I.P.
X=2145642.3196 Y= 142947.5057

1/4 SECTION CORNER
ODOT# O-55-1313
SET 14 X 12 X 3 SANDSTONE
OKLAHOMA CERTIFIED CORNER RECORD 03-22-2006
FOUND PK NAIL
X=2148283.0793 Y= 142972.3253

SCALE:
1" = 400'

NOTE: REFERENCE'S SHOWN ARE NOT TO SCALE.

Preliminary Plans

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD43

SDS 43 OF 46

8-87

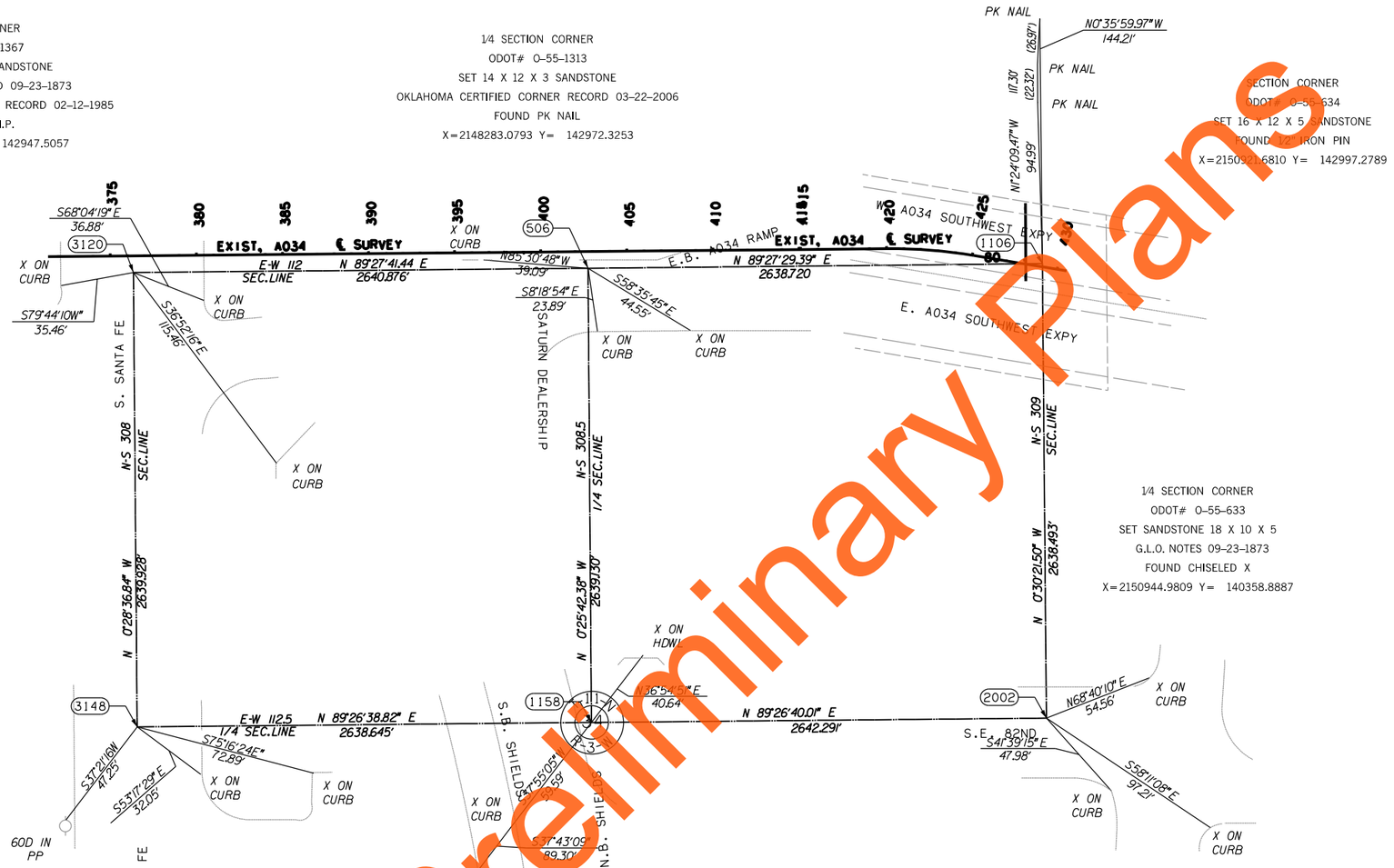
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SECTION CORNER
ODOT# 0-55-1367
SET 16 X 12 X 3 SANDSTONE
G.L.O. NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-1985
FOUND 1/2" I.P.
X=2145642.3196 Y= 142947.5057

1/4 SECTION CORNER
ODOT# 0-55-1313
SET 14 X 12 X 3 SANDSTONE
OKLAHOMA CERTIFIED CORNER RECORD 03-22-2006
FOUND PK NAIL
X=2148283.0793 Y= 142972.3253

SECTION CORNER
ODOT# 0-55-634
SET 16 X 12 X 5 SANDSTONE
FOUND 1/2" IRON PIN
X=2150921.6810 Y= 142997.2789



1/4 SECTION CORNER
ODOT# 0-55-633
SET SANDSTONE 18 X 10 X 5
G.L.O. NOTES 09-23-1873
FOUND CHISELED X
X=2150944.9809 Y= 140358.8887

1/4 SECTION CORNER
ODOT# 0-55-1366
SET SANDSTONE 14 X 12 X 4
G.L.O. NOTES 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-1985
FOUND 3/8" IP
X=2145664.2927 Y= 140307.6692

CERNER 1/4 SECTION CORNER
ODOT# 0-55-1312
OKLAHOMA CERTIFIED CORNER
RECORD 03-22-2006
FOUND 1/2" I.P.
X=2148302.8137 Y= 140333.2689

Preliminary Plans

N

SCALE:
1" = 400'

NOTE: REFERENCE'S SHOWN ARE NOT TO SCALE.

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 09032(07) SHEET NO. SD44

SDS 44 OF 46

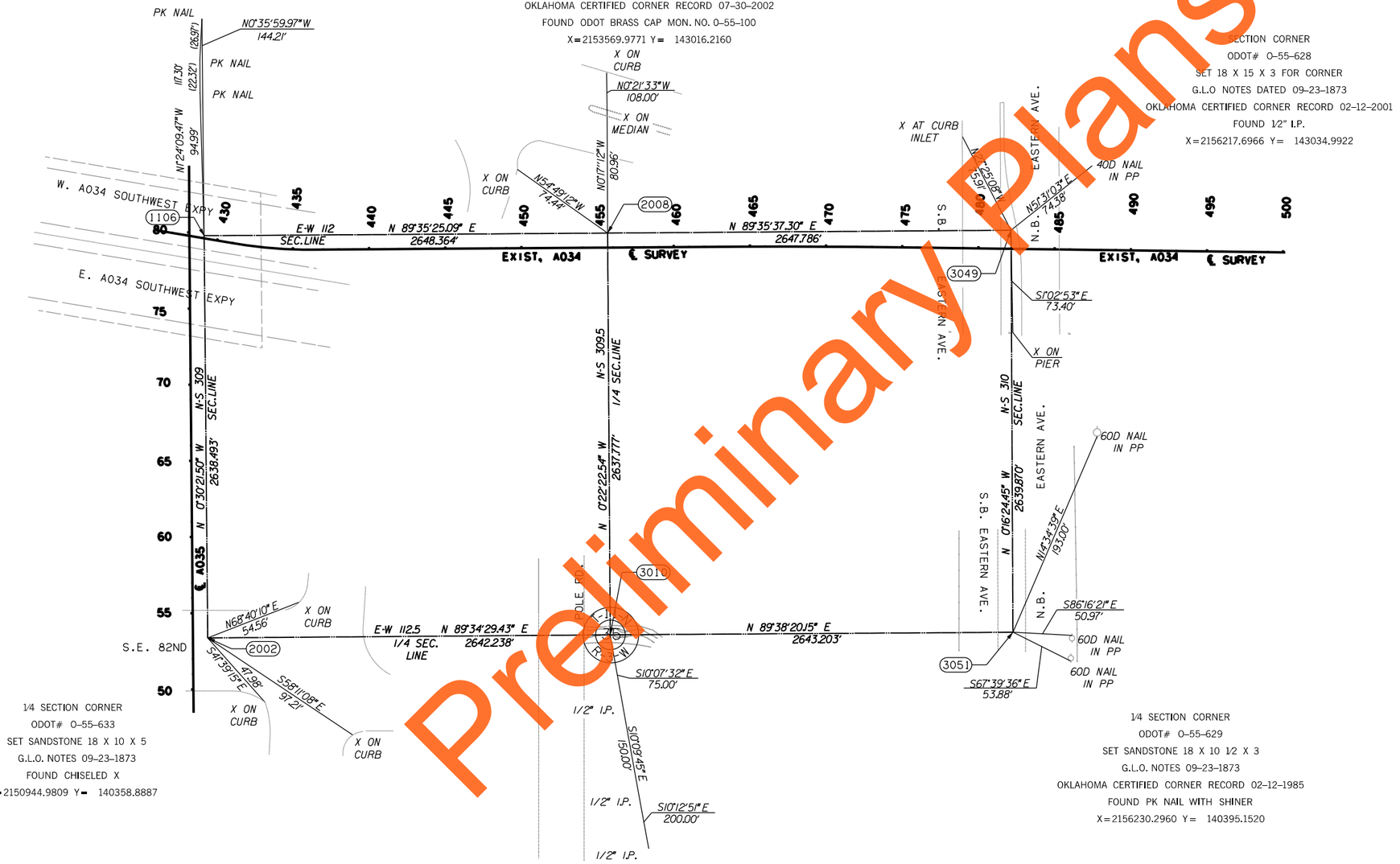
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SECTION CORNER
ODOT# 0-55-634
SET 16 X 12 X 5 SANDSTONE
FOUND 1/2" IRON PIN
X=2150921.6810 Y= 142997.2789

1/4 SECTION CORNER
ODOT# 0-55-627
SET SANDSTONE 14 X 12 X 3
G.L.O NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
FOUND ODOT BRASS CAP MON. NO. 0-55-100
X=2153569.9771 Y= 143016.2160

SECTION CORNER
ODOT# 0-55-628
SET 18 X 15 X 3 FOR CORNER
G.L.O NOTES DATED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-2001
FOUND 1/2" I.P.
X=2156217.6966 Y= 143034.9922



1/4 SECTION CORNER
ODOT# 0-55-633
SET SANDSTONE 18 X 10 X 5
G.L.O. NOTES 09-23-1873
FOUND CHISELED X
X=2150944.9809 Y= 140358.8887

CENTER 1/4 SECTION CORNER
ODOT# 0-55-635
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
FOUND 3/8" I.P.
X=2153587.1457 Y= 140378.4950

1/4 SECTION CORNER
ODOT# 0-55-629
SET SANDSTONE 18 X 10 1/2 X 3
G.L.O. NOTES 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-1985
FOUND PK NAIL WITH SHINER
X=2156230.2960 Y= 140395.1520

SCALE:
1" = 400'

NOTE:REFERENCE'S SHOWN ARE NOT TO SCALE.

Preliminary Plans

SDS 45 OF 46

PLS		
DRAWN		
CHECKED		
APPROVED		
CREW	POE	

POE & ASSOCIATES, OKLAHOMA CITY, OK
SURVEY DIVISION

SURVEY DATA SHEET

SWO 2923(1) PROJECT NO. 0903(207) SHEET NO. SD45

Preliminary Plans

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SECTION CORNER
ODOT# O-55-97
SET SANDSTONE 14 X 12 X 3
G.L.O. NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD DATED 07-30-2002
FOUND CHISELED X IN CONC
X=2150889.9611 Y= 148284.7529

1/4 SECTION CORNER
ODOT# O-55-98
SET SANDSTONE 14 X 10 X 5
G.L.O. NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD
DATED 08-30-2002
FOUND PK NAIL
X=2153543.9765 Y= 148296.8244

1/4 SECTION CORNER
ODOT# O-55-99
SET SANDSTONE 15 X 13 X 4
G.L.O NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
SET CHISELED X IN PAVEMENT FROM EXISTING REFERENCE POINTS
X=2150905.8228 Y= 145638.9775

CENTER 1/4 SECTION CORNER
ODOT# O-55-1315
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002
FOUND IRON PIN UNDER CHAINLINK FENCE
X=2153554.6702 Y= 145654.2514

1/4 SECTION CORNER
ODOT# O-55-1767
SET SANDSTONE 20 X 16 X 3
G.L.O NOTES APPROVED 09-23-1873
FOUND CHISELED X IN PAVEMENT
X=2156206.9662 Y= 145669.7401

SECTION CORNER
ODOT# O-55-634
SET 16 X 12 X 5 SANDSTONE
FOUND 1/2" IRON PIN
X=2150921.6810 Y= 142997.2789

1/4 SECTION CORNER
ODOT# O-55-627
SET SANDSTONE 14 X 12 X 3
G.L.O NOTES APPROVED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 07-30-2002.
FOUND ODOT BRASS CAP MON. NO. O-55-100
X=2153569.9771 Y= 143016.2160

SECTION CORNER
ODOT# O-55-628
SET 18 X 15 X 3 FOR CORNER
G.L.O NOTES DATED 09-23-1873
OKLAHOMA CERTIFIED CORNER RECORD 02-12-2001
FOUND 1/2" I.P.
X=2156217.6966 Y= 143034.9922

SCALE:
1" = 400'

NOTE: REFERENCE'S SHOWN ARE NOT TO SCALE.

PLS		POE & ASSOCIATES, OKLAHOMA CITY, OK SURVEY DIVISION
DRAWN		SURVEY DATA SHEET
CHECKED		
APPROVED		
CREW	POE	SWO 2923(1) PROJECT NO. 0903(07) SHEET NO. SDA6

SDS 46 OF 46

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

395

400

405

PORT. CHANGEABLE MESSAGE SIGN
"WB240 TO NB 35 EXIT CLOSED"

N89°27'24"62"E

℄ I-24

24 DRUMS @ 50' C/C

407+00

2640' 2640' 2640' 1500' 1500' 1000' 1000' 1000' 1000' 420' SHIFTING TAPER

PORTABLE CHANGEABLE MESSAGE SIGN

STATE LAW - OBEY ALL TRAFFIC SIGNS

OKDOT CONTRACTOR SIGN

NO CELL PHONE

CW20-1

CW20-5B

W3-5

R2-1
CS-14
CS-13

CW4-4B(L)

ROAD WORK NEXT XX MILES

XYZ Road Contractors Inc
Anytown, Oklahoma

OKLAHOMA Transportation

STAY ALERT PLEASE
IN WORK ZONE

ROAD WORK AHEAD

RIGHT SHOULDER CLOSED

BEGIN WORK ZONE
SPEED LIMIT 50

50' 0 50' 100'
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 1 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T001

6/28/2023 2:41:34 PM
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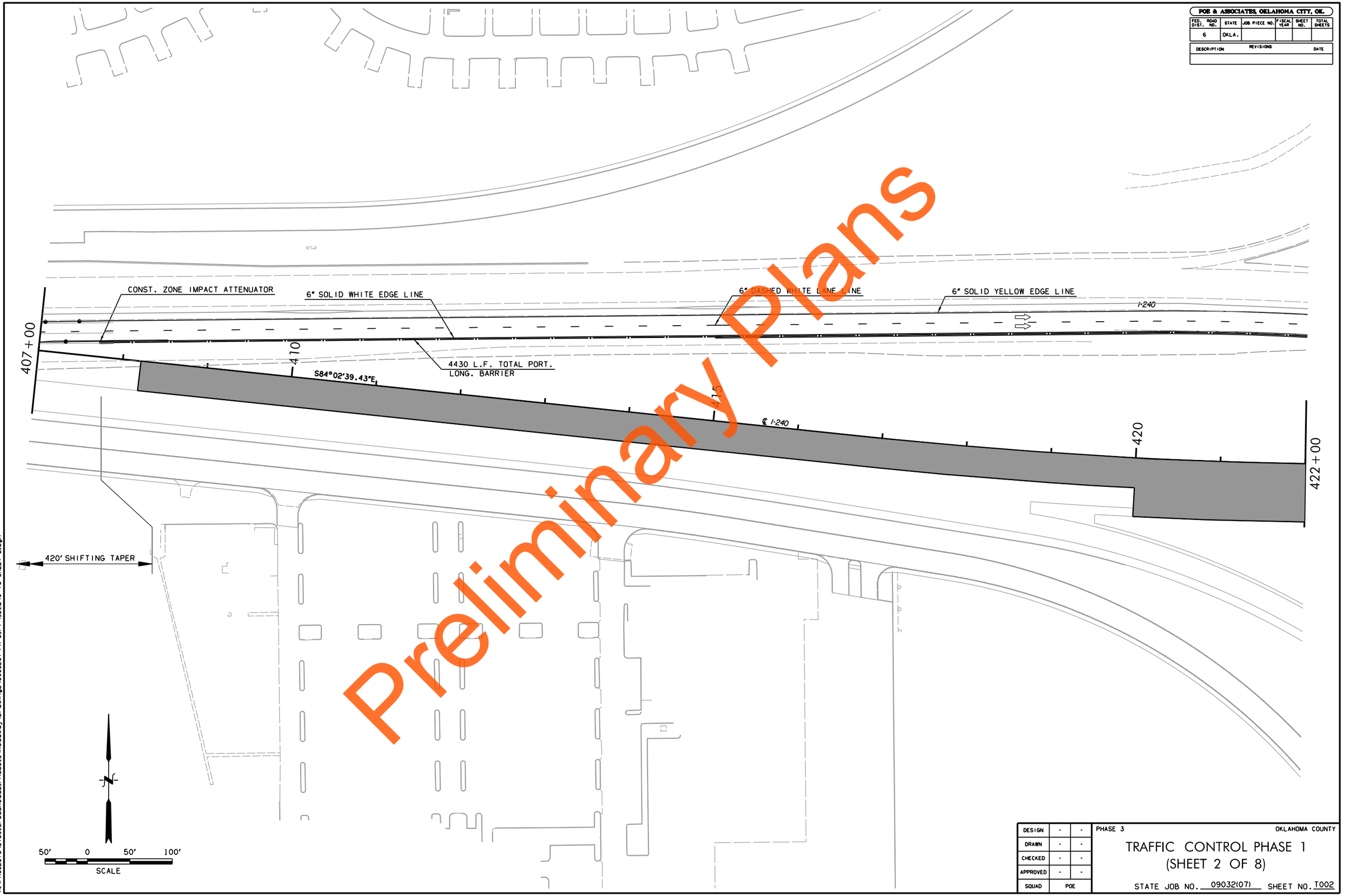
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE



Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1 (SHEET 2 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T002

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

6" SOLID YELLOW EDGE LINE

6" SOLID WHITE EDGE LINE

6" DASHED WHITE LANE LINE

I-240

425

430

435

437+00

422+00

N89°35'24.60"E

℄ I-240

4430 L.F. TOTAL PORT. LONG. BARRIER

50' 0 50' 100'

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 3 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T003

6/28/2023 2:41:36 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

437+00

440

445

450

452+00

6" SOLID WHITE EDGE LINE

6" DASHED WHITE LANE LINE

6" SOLID YELLOW EDGE LINE

℄ I-240
N89°35'24.60"E

4430 L.F. TOTAL PORT.
LONG. BARRIER

6" SOLID WHITE EDGE LINE

1315 L.F. TOTAL PORT.
LONG. BARRIER

6" SOLID WHITE EDGE LINE

CONST. ZONE IMPACT ATTENUATOR

N

50' 0 50' 100'
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 4 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T004

6/28/2023 2:41:37 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans

455

460

465

452+00

6" SOLID YELLOW EDGE LINE

10 DRUMS @ 40' C/C

℄ I-240

N89°35'24.60"E

N89°35'24.60"E

6" SOLID WHITE EDGE LINE

200' DOWNSTREAM TAPER

G20-2a

END ROAD WORK

50' 0 50' 100'

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 5 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T005

6/28/2023 2:41:38 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.						
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50′ 0 50′ 100′
SCALE

60 65 70 74+00

℄ I-35

6" DASHED WHITE LANE LINE
6" SOLID YELLOW EDGE LINE
24 DRUMS @ 40′ C/C
6" SOLID WHITE EDGE LINE
CONST. ZONE IMPACT ATTENUATOR
1570 L.F. TOTAL PORT. LONG. BARRIER
420′ SHIFTING TAPER
500′
3 TYPE III BARRICADES
R11-2
(LEAVE IN PLACE)

2640′ 2640′ 2640′ 1500′ 1500′ 1000′ 1000′ 1000′ 1000′

PORTABLE CHANGEABLE MESSAGE SIGN
STATE LAW OBEY ALL TRAFFIC SIGNS
OKDOT CONTRACTOR SIGN
NO CELL PHONE
W20-1
ROAD WORK NEXT XX MILES
W20-5B
RIGHT SHOULDER CLOSED
W3-5
R2-1 CS-14 CS-13
SPEED LIMIT 50
BEGIN WORK ZONE
CW4-4B(L)

ROAD WORK NEXT XX MILES
OKLAHOMA Transportation
XYZ Road Contractor Inc
Anytown, Oklahoma

PLEASE STAY ALERT IN WORK ZONE

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 6 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T006

6/28/2023 2:41:39 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

75 80 85

74+00 89+00

6" SOLID YELLOW EDGE LINE
℄ I-35
6" DAHSED WHITE LANE LINE
6" SOLID WHITE EDGE LINE

1570 L.F. TOTAL PORT. LONG. BARRIER

200' DOWNSTREAM TAPER

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 7 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T007

6/28/2023 2:41:40 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

95

100

89+00

104+00

6" SOLID YELLOW EDGE LINE
6" DASHED WHITE LANE LINE
10 DRUMS @ 40' C/C

N00°20'39.33"W
℄ I-35

6" SOLID WHITE EDGE LINE

200' DOWNSTREAM TAPER

620-20

END ROAD WORK

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 1
(SHEET 8 OF 8)

STATE JOB NO. 09032(07) SHEET NO. T008

6/28/2023 2:41:41 PM
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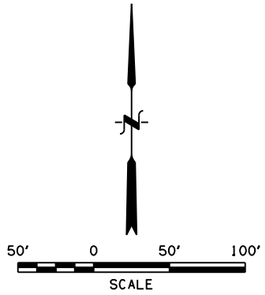
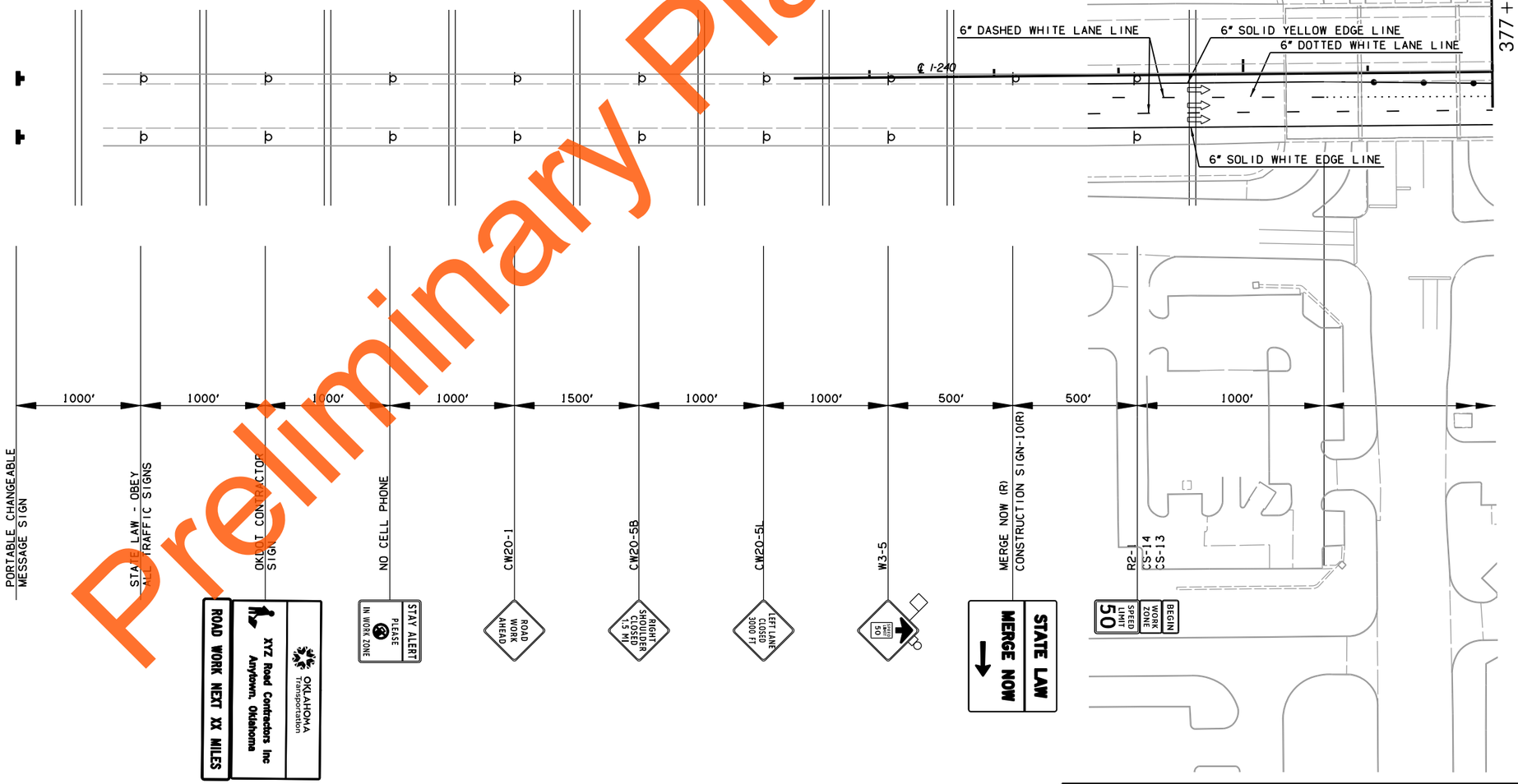


POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

Preliminary Plans



DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2 (SHEET 1 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T009

6/28/2023 2:41:42 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

380 385 390

377+00 392+00

6" DOTTED WHITE LANE LINE
22 DRUMS @ 40' C/C
6" DASHED WHITE LANE LINE
6" DOTTED WHITE LANE LINE
6" SOLID YELLOW EDGE LINE
℄ I-240
N89°27'24.62"E
6" DASHED WHITE LANE LINE
6" SOLID WHITE EDGE LINE
PORT. CHANGING MESSAGE SIGN
"EB240 TO NB35 EXIT OPEN"
CW4-4B(R)
840' MERGING TAPER
790'

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2
(SHEET 2 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T010

6/28/2023 2:41:43 PM
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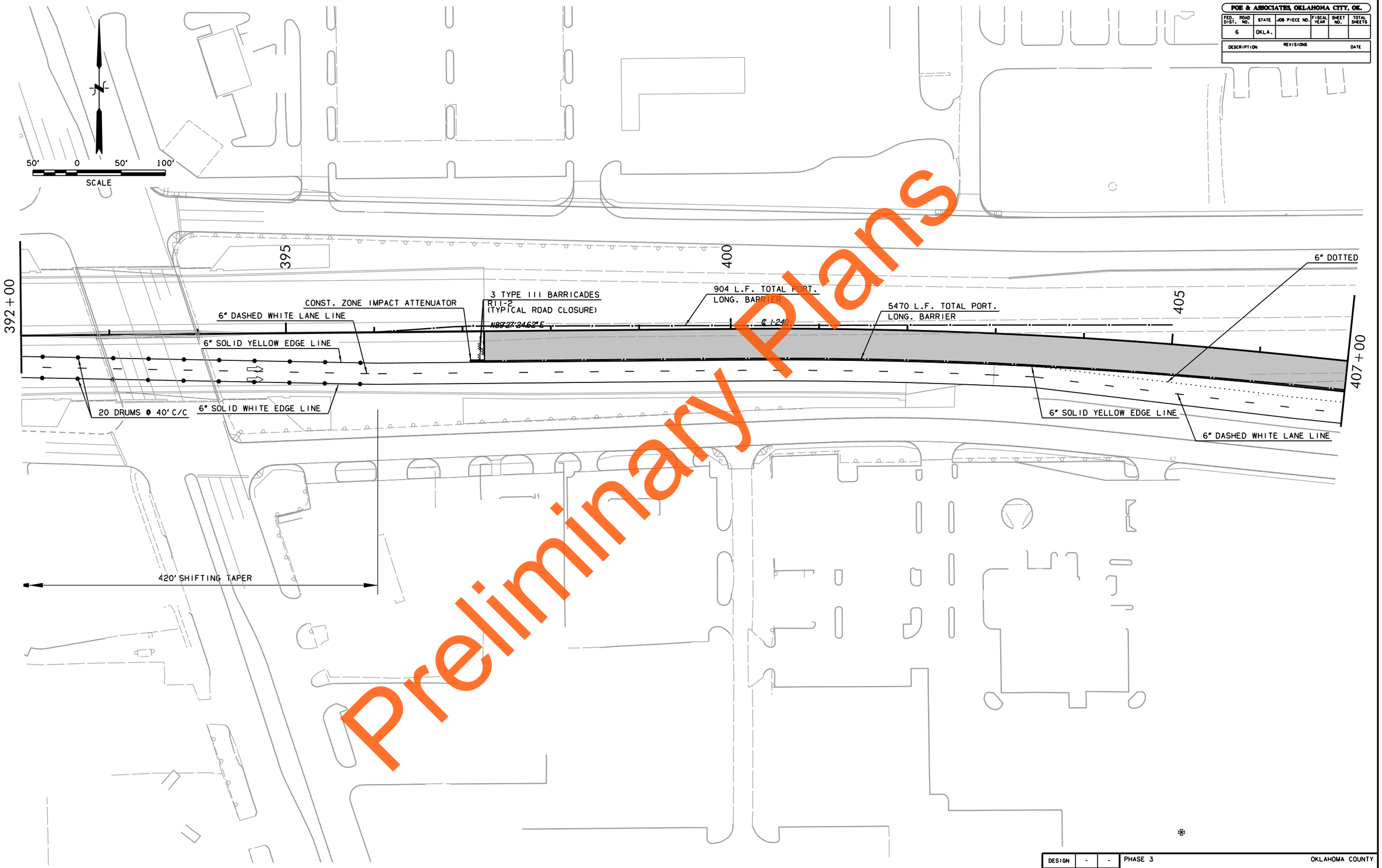
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2
(SHEET 3 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T011

6/28/2023 2:41:44 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

WHITE LANE LINE

407+00

410

S84°02'39.43"E

6" DASHED WHITE LANE LINE

℄ I-240

6" SOLID YELLOW EDGE LINE

5470 L.F. TOTAL PORT. LONG. BARRIER

420

6" SOLID WHITE EDGE LINE

422+00

6" DOTTED WHITE LANE LINE

CONST. ZONE IMPACT ATTENUATOR

1170 L.F. TOTAL PORT. LONG. BARRIER

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2
(SHEET 4 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T012

6/28/2023 2:41:45 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

50' 0 50' 100'
SCALE

425
430
435
422+00
437+00

N89°35'24.60"E
℄ I-240
N89°35'24.60"E

6" SOLID WHITE EDGE LINE
5470 L.F. TOTAL PORT. LONG. BARRIER
6" SOLID YELLOW EDGE LINE
1170 L.F. TOTAL PORT. LONG. BARRIER
6" DASHED WHITE LANE LINE
CONST. ZONE IMPACT ATTENUATOR
920 L.F. TOTAL PORT. LONG. BARRIER
TEMPORARY PAVEMENT
6" SOLID WHITE EDGE LINE
6" SOLID WHITE EDGE LINE

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2
(SHEET 5 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T013

6/28/2023 2:41:46 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

50' 0 50' 100'
SCALE

440

445

450

437+00

452+00

℄ I-240
N89°35'24.60"E

6" DASHED WHITE LANE LINE

5470 L.F. TOTAL PORT.
LONG. BARRIER

6" SOLID YELLOW EDGE LINE

920 L.F. TOTAL PORT.
LONG. BARRIER

TEMPORARY PAVEMENT

400 L.F. TOTAL PORT.
LONG. BARRIER

6" SOLID WHITE EDGE LINE

6" DOTTED WHITE LANE LINE

CONST. ZONE IMMPACT ATTENUATOR

Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2
(SHEET 6 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T014

6/28/2023 2:41:46 PM
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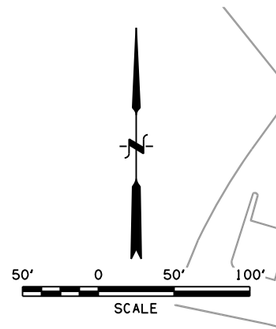
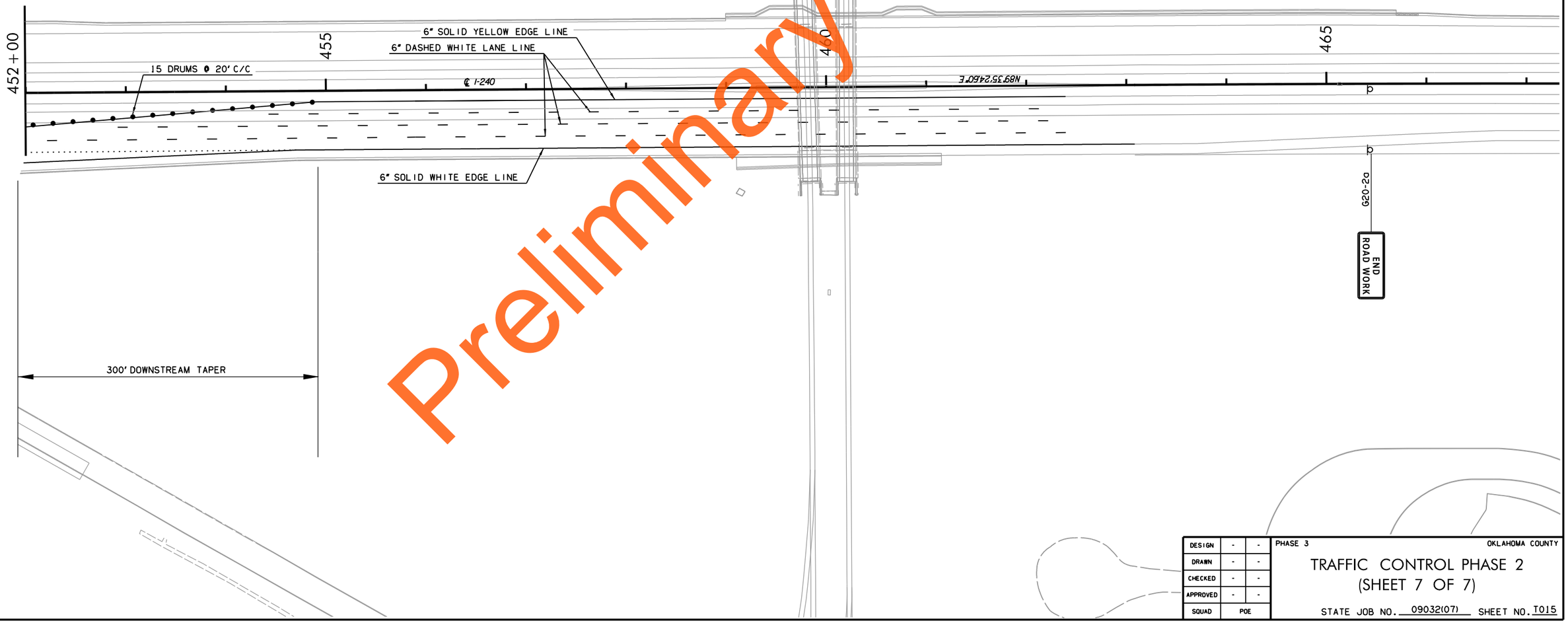
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE





Preliminary Plans

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

PHASE 3 OKLAHOMA COUNTY

TRAFFIC CONTROL PHASE 2 (SHEET 7 OF 7)

STATE JOB NO. 09032(07) SHEET NO. T015

6/28/2023 2:41:47 PM
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REVISIONS		
NO.	DESCRIPTION	DATE

SIGN SUMMARY

SHEET NO.	ITEM NO.	APPROXIMATE STATION LOCATION		SIGN TYPE	POSTS				FOOTINGS							SIGN AREA			REMARKS
					TYPE	A L.F.	B L.F.	SPACING	DESIGN NO.	CLASS A CONCRETE C.Y.	CLASS AA CONCRETE C.Y.	STEEL 511(A) LBS.	60" DRILLED SHAFT L.F.	STRUCTURAL CONCRETE C.Y.	STEEL 804(B) LBS.	SHEET S.F.	PANEL S.F.	PANEL OVERHEAD S.F.	
T021	1	405+55	I-240 EB	SPECIAL SIGN NO. 1									70.00					761.25	NEW 90'TYPE B MONOTUBE STR
T022	2	413+90	I-240 EB	SPECIAL SIGN NO. 2									70.00					761.25	NEW 90'TYPE B MONOTUBE STR
T022	3	420+07	I-240 EB	SPECIAL SIGN NO. 3 (E5-1A)	4" WF @ 13	22.0	23.0	4'-6"	KC-0					0.72	130.00		32.50		EXIT SIGN 4A
T023	4	431+00	I-240 EB	SPECIAL SIGN NO. 4									35.00					236.25	NEW TYPE C MONOTUBE STR
T023	5	432+66	I-240 EB	SPECIAL SIGN NO. 5 (E5-1A)	4" WF @ 13	22.0	23.0	4'-6"	KC-0					0.72	130.00		32.50		EXIT SIGN 4A
T023	6	66+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	7	67+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0		2'-0"								12.00			
T023	8	68+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	9	69+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	10	70+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	11	71+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	12	72+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	13	73+80	RAMP D	W1-8F(R)	2-1/4" SQ. TUBE POST	12.0										12.00			
T023	14	74+00	RAMP D	W4-3E(R)	2-1/4" SQ. TUBE POST	16.0	16.0	2'-4"								16.00			
T024	15	439+50	I-240 EB	W4-3E(R)	2-1/4" SQ. TUBE POST	16.0	16.0	2'-4"								16.00			
T024	16	439+50	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	17	452+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	18	453+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	19	454+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	20	455+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	21	456+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
T025	22	457+73	I-240 EB	OM-3E(R)	2-1/4" SQ. TUBE POST	12.0										4.00			
				TOTALS	2-1/4" SQ. TUBE POST 4" WF @ 13	244.0 90.0							175.00	1.44	260.00	156.00	65.00	1758.75	

Preliminary Plans

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER
R. WAYNE RUSSELL
16030
OKLAHOMA

Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 · Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

Design	RWR	6/28/2023
Drawn	CCC	6/28/2023

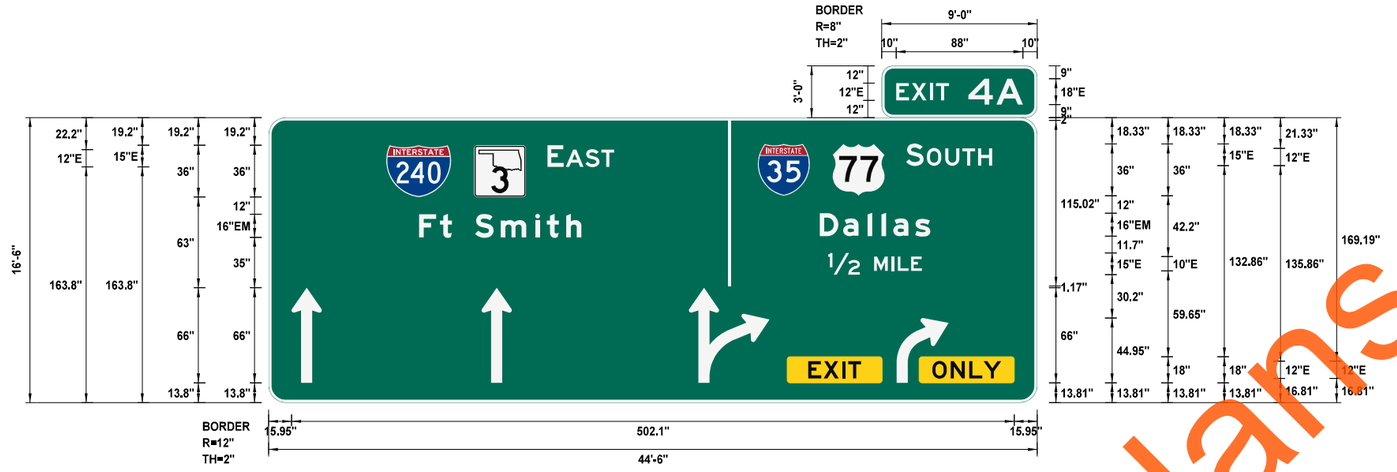
TEC A CLEAR DIRECTION

SIGN SUMMARY

State Job No. 09032(07) Sheet No. T016

OKLAHOMA COUNTY

6/28/2023 G:\0Projects\T-2457D Design\I-240-I-35 Phase III - OKC\CAD\T016-0903207-SIGN SUMMARY.dgn



SPECIAL SIGN NO.	1
WIDTH x HGHT.	44'-6" x 16'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
SIGN AREA	761.3 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	81.7	142.8	45	36
M1_6E2	142.7	142.8	36	36
M1_1	339.9	143.7	36	36
M1_4	391.9	143.7	36	36
AR_THRU	16	13.8	21	66
AR_THRU	148	13.8	21	66
AR_THRU_RIGHT	292	13.8	56	66
AR_RIGHT_ONLY	436.3	13.8	36.2	45

Dimensions are in: inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																																	LENGTH	SERIES / SIZE
E	X	I	T																															E 2000
10	20.7	33.5	37.7																														36.7	
4	A																																	E 2000
60,2	79,7																																37.8	
E	A	S	T																															E 2000
193.7	206.5	220.1	231.1																														46.4	
S	O	U	T	H																														E 2000
442.9	457.3	470.2	481.9	493																													59.8	
F	t		S	m	l	t	h																											EM 2000
104.5	119.1	127.4	143.4	161.3	185.3	193.3	206.8																										112.8	
D	a	l	l	a	s																													EM 2000
382.9	399.2	416.2	425.8	433.9	449.1																												76.8	
1/2	M	I	L	E																														E 2000
388.8	420.7	432.7	437.1	446.3																													65.1	
E	X	I	T																															E 2000
374.9	385.6	398.4	402.6																														36.7	
O	N	L	Y																															E 2000
461.1	473.9	486.8	496.7																														47.9	

Preliminary Plans

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER
R. WAYNE RUSSELL
16030
OKLAHOMA

Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 - Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

REVISIONS		
NO.	DESCRIPTION	DATE

Design	RWR	06-28-23
Drawn	CCC	06-28-23

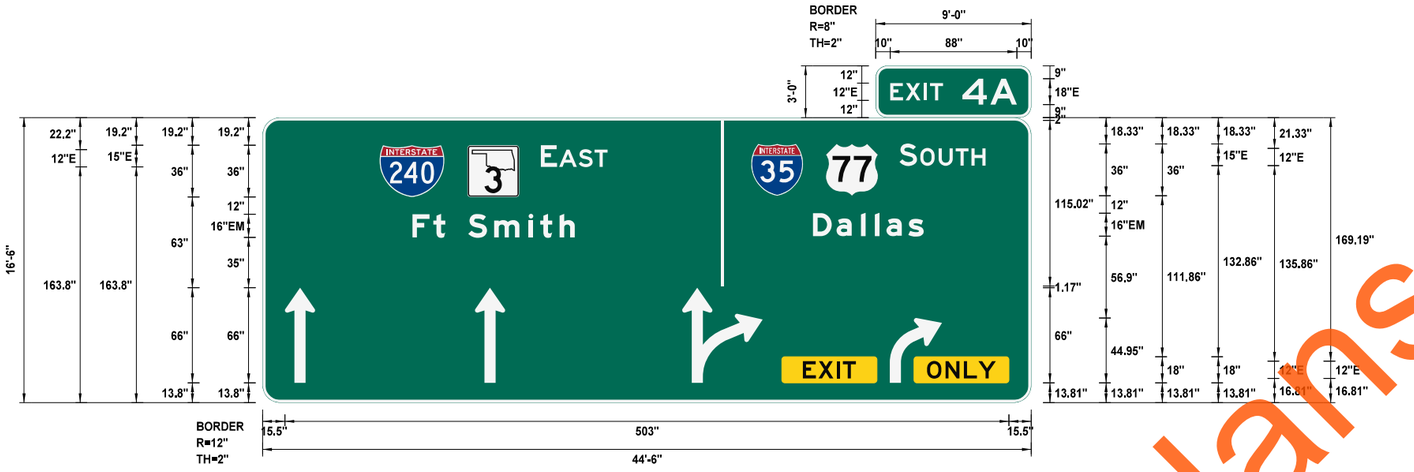
TEC A CLEAR DIRECTION

SPECIAL SIGN DETAILS (1 OF 3)

State Job No. 09032(07) Sheet No. T017

OKLAHOMA COUNTY

06-28-23 G:\OP\Projects\1-24570 Design,I-240-I-35 Phase III - OKC\CAD\T07-0903207-SPECIAL SIGN DETAILS (OF 3).dgn



SPECIAL SIGN NO.	2
WIDTH x HGHT.	44'-6" x 16'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
SIGN AREA	761.3 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	81.3	142.8	45	36
M1_6E2	142.3	142.8	36	36
M1_1	339.4	143.7	36	36
M1_4	391.4	143.7	36	36
AR_THRU	15.5	13.8	21	66
AR_THRU	147.5	13.8	21	66
AR_THRU_RIGHT	291.5	13.8	56	66
AR_RIGHT_ONLY	435.8	13.8	36.2	45

Dimensions are in: inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																															LENGTH	SERIES / SIZE
E	X	I	T																													E 2000
10	20.7	33.5	37.7																												36.7	
4	A																															E 2000
60.2	79.7																														37.8	
E	A	S	T																													E 2000
193.3	206	219.6	230.6																												46.4	
S	O	U	T	H																												E 2000
442.4	456.8	469.7	481.4	492.5																											59.8	
F	t		S	m	l	t	h																									EM 2000
104.1	118.6	126.9	142.9	160.9	184.9	192.9	206.3																								112.8	
D	a	l	l	a	s																											EM 2000
382.4	398.7	415.7	425.3	433.5	448.7																										76.8	
E	X	I	T																													E 2000
375.4	386.1	398.9	403.1																												36.7	
O	N	L	Y																													E 2000
461.6	474.4	487.3	497.2																												47.9	

Preliminary Plans

REVISIONS		
NO.	DESCRIPTION	DATE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25
6-28-2023
DATE
Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 · Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Design	RWR	06-28-23
Drawn	CCC	06-28-23

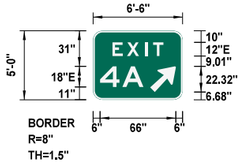
TEC A CLEAR DIRECTION

SPECIAL SIGN DETAILS (2 OF 3)

State Job No. 09032(07) Sheet No. T018

OKLAHOMA COUNTY

06-28-23 G:\OkProjects\1-2457D Design\I-240-I-35 Phase III - OKC\CAD\T08-0903207-SPECIAL SIGN DETAILS (2 OF 3).dgn



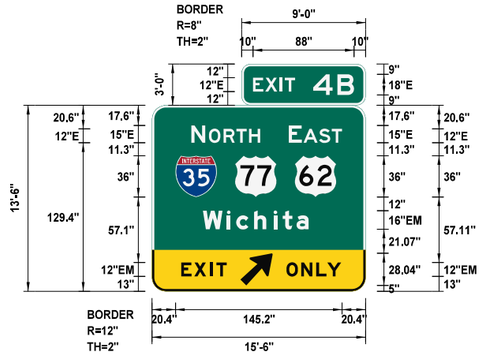
SPECIAL SIGN NO.	3 (E5-1a)
WIDTH x HGHT.	6'-6" x 5'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	8"
MOUNTING	Ground
SIGN AREA	32.5 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND&BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	49.7	6.7	18	28.4

Dimensions are in: Inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																									LENGTH	SERIES / SIZE
E	X	I	T																							E 2000
16.8	29.6	45.4	52.2																						44.4	
4	A																									E 2000
6	25.5																								37.8	



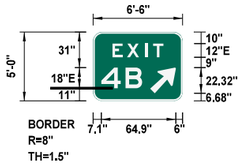
SPECIAL SIGN NO.	4
WIDTH x HGHT.	15'-6" x 13'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
SIGN AREA	236.3 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND&BORDER	TYPE: Reflective
	COLOR: Black/White

SYMBOL	X	Y	WID	HT
M1_1	20.4	82.1	36	36
M1_3	72.4	82.1	36	36
M1_4	124.4	82.1	36	36
AR_Type A	77	5	22.6	35.6

Dimensions are in: Inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																									LENGTH	SERIES / SIZE
E	X	I	T																							E 2000
10	20.7	33.5	37.7																						36.7	
4	B																									E 2000
62.4	83.4																								35.6	
N	O	R	T	H																						E 2000
34.2	49.5	62.4	73.4	84.4																					59.9	
E	A	S	T																							E 2000
119.2	132	145.6	156.6																						46.4	
W	i	c	h	i	t	a																				EM 2000
44.4	65.2	73.4	88.9	105.8	113.8	125.8																			92	
E	X	I	T																							EM 2000
25.5	36.7	50.7	56.1																						39.5	
O	N	L	Y																							EM 2000
117	130	143.1	152.7																						47.8	



SPECIAL SIGN NO.	5 (E5-1a)
WIDTH x HGHT.	6'-6" x 5'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	8"
MOUNTING	Ground
SIGN AREA	32.5 Sq.Ft.
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND&BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	49.7	6.7	18	28.4

Dimensions are in: Inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																									LENGTH	SERIES / SIZE
E	X	I	T																							E 2000
16.8	29.6	45.4	52.2																						44.4	
4	B																									E 2000
7.1	28.2																								35.6	

LETTER POSITIONS (X)																									LENGTH	SERIES / SIZE

SPECIAL SIGN NO.	
WIDTH x HGHT.	
BORDER WIDTH	
CORNER RADIUS	
MOUNTING	
SIGN AREA	
BACKGROUND	TYPE:
	COLOR:
LEGEND&BORDER	TYPE:
	COLOR:

SYMBOL	X	Y	WID	HT

Preliminary Plans

REVISIONS		
NO.	DESCRIPTION	DATE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 - Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

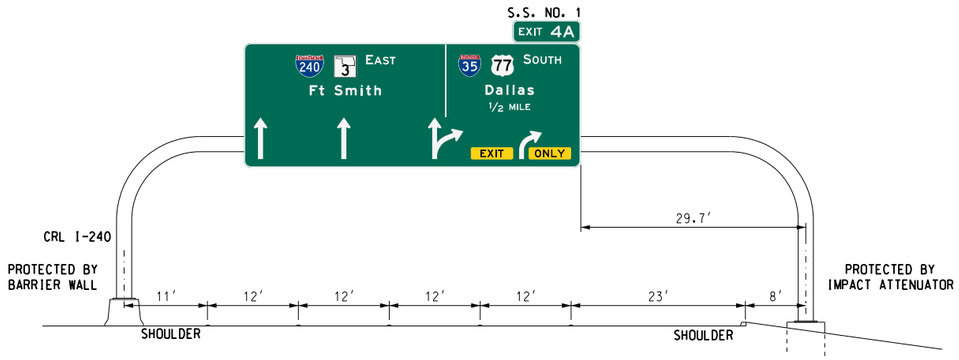
SPECIAL SIGN DETAILS (3 OF 3)

State Job No. 09032(07) Sheet No. T019

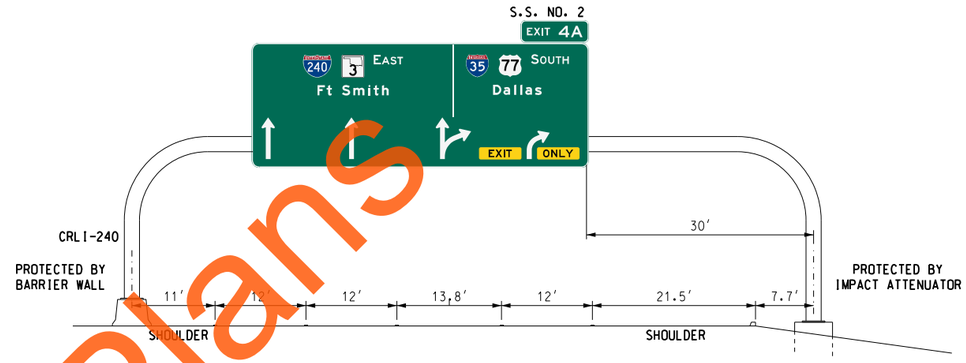
OKLAHOMA COUNTY

06-28-23 G:\OP\Projects\1-24570 Design\I-240-I-35 Phase III - OKC\CAD\T019-090320?-SPECIAL SIGN DETAILS (3 OF 3).dgn

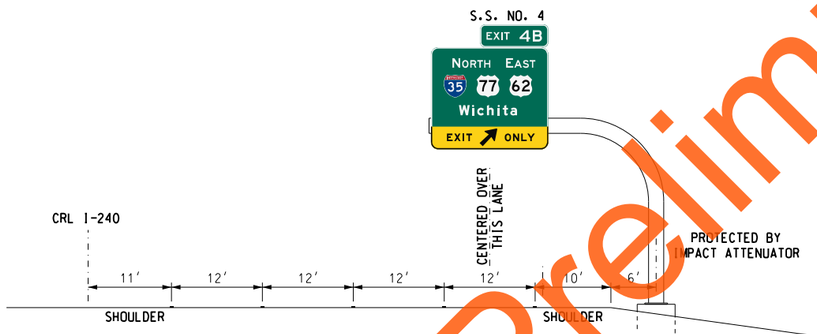
REVISIONS		
NO.	DESCRIPTION	DATE



O.H. SIGN STRUCTURE NO. 1
90' TYPE "B" MONOTUBE
STA. 405+55 (CRL I-240 E.B.)
(788.25 S.F.)



O.H. SIGN STRUCTURE NO. 2
90' TYPE "B" MONOTUBE
STA. 413+90 (CRL I-240 E.B.)
(788.25 S.F.)



O.H. SIGN STRUCTURE NO. 3
TYPE "C" MONOTUBE
STA. 431+00 (CRL I-240 E.B.)
(236.25 S.F.)

Preliminary Plans

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

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REGISTERED PROFESSIONAL ENGINEER
R. WAYNE RUSSELL
16030
OKLAHOMA

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

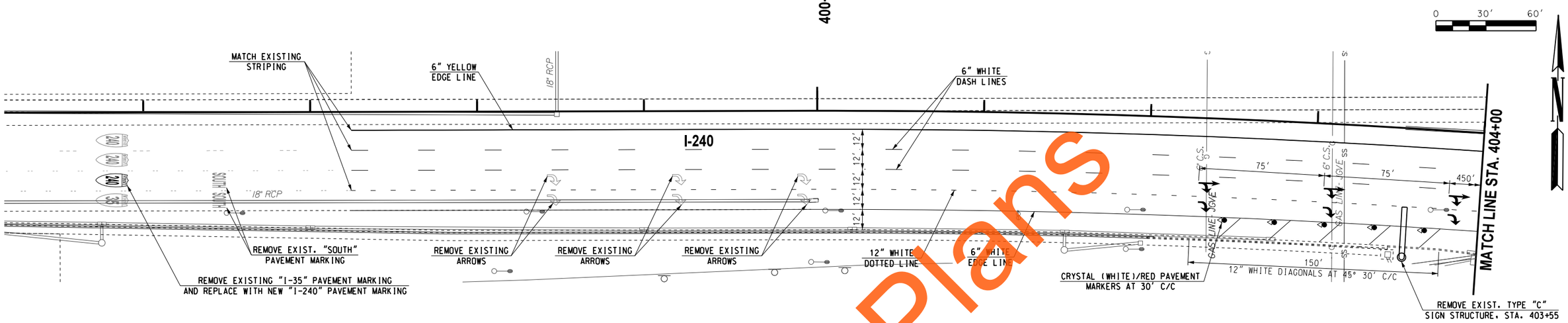
SIGN STRUCTURE DETAILS

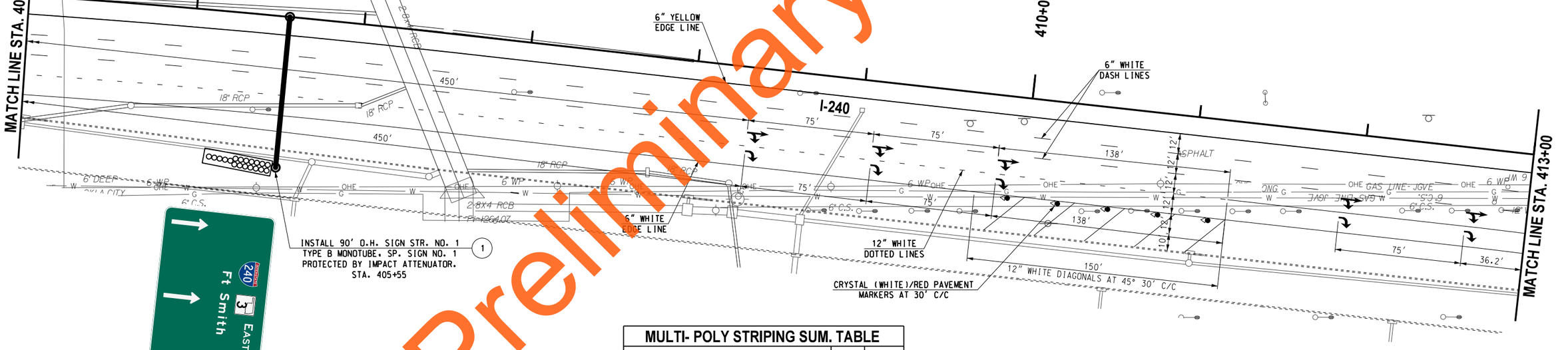
State Job No. 09032(06) Sheet No. T020

OKLAHOMA COUNTY

06-28-23 G:\OPProjects\T-2457D Design\I-240-I-35 Phase ■ - OKC\CAD\T020-0903207-SIGN STRUCTURE DETAILS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE





Preliminary Plans

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	10
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	0
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	2030
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	1760
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	433
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	16
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	1

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

PAVEMENT MARKER LEGEND

- BI-DIRECTIONAL - CRYSTAL/CRYSTAL (WHITE)
- BI-DIRECTIONAL - CRYSTAL/RED
- BI-DIRECTIONAL - AMBER/RED
- BI-DIRECTIONAL - AMBER/AMBER

BEFORE YOU DIG CALL OKIE 811 1-800-522-OKIE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25
6-28-2023
DATE
Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 - Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

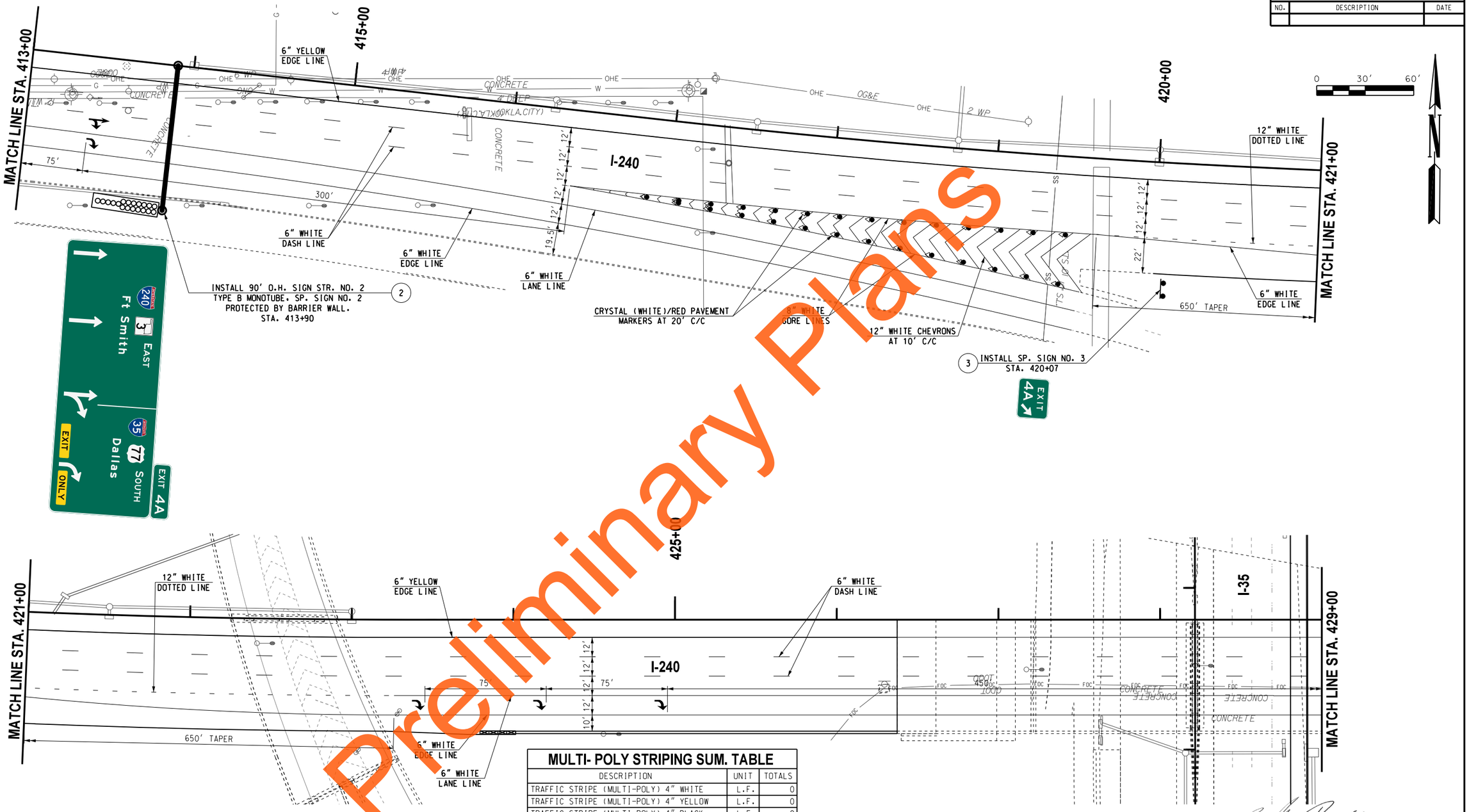
SIGNING & STRIPING (1 OF 6)

State Job No. 09032(07) Sheet No. T021

OKLAHOMA COUNTY

06-28-23 G:\OP\Projects\17-2457D Design\I-240-I-35 Phase III - OKC\CAD\T02D-090307-SIGNING & STRIPING (1OF 6).dgn

REVISIONS		
NO.	DESCRIPTION	DATE



Preliminary Plans

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	33
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	0
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	3617
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	1601
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	650
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	1039
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	5
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	0

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

PAVEMENT MARKER LEGEND

- BI-DIRECTIONAL - CRYSTAL/CRYSTAL (WHITE)
- BI-DIRECTIONAL - CRYSTAL/RED
- BI-DIRECTIONAL - AMBER/RED
- BI-DIRECTIONAL - AMBER/AMBER

BEFORE YOU DIG 811 1-800-522-OKIE CALL OKIE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Traffic Engineering Consultants, Inc.
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Ph: 405-720-7721, Web: www.tecusa.com

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

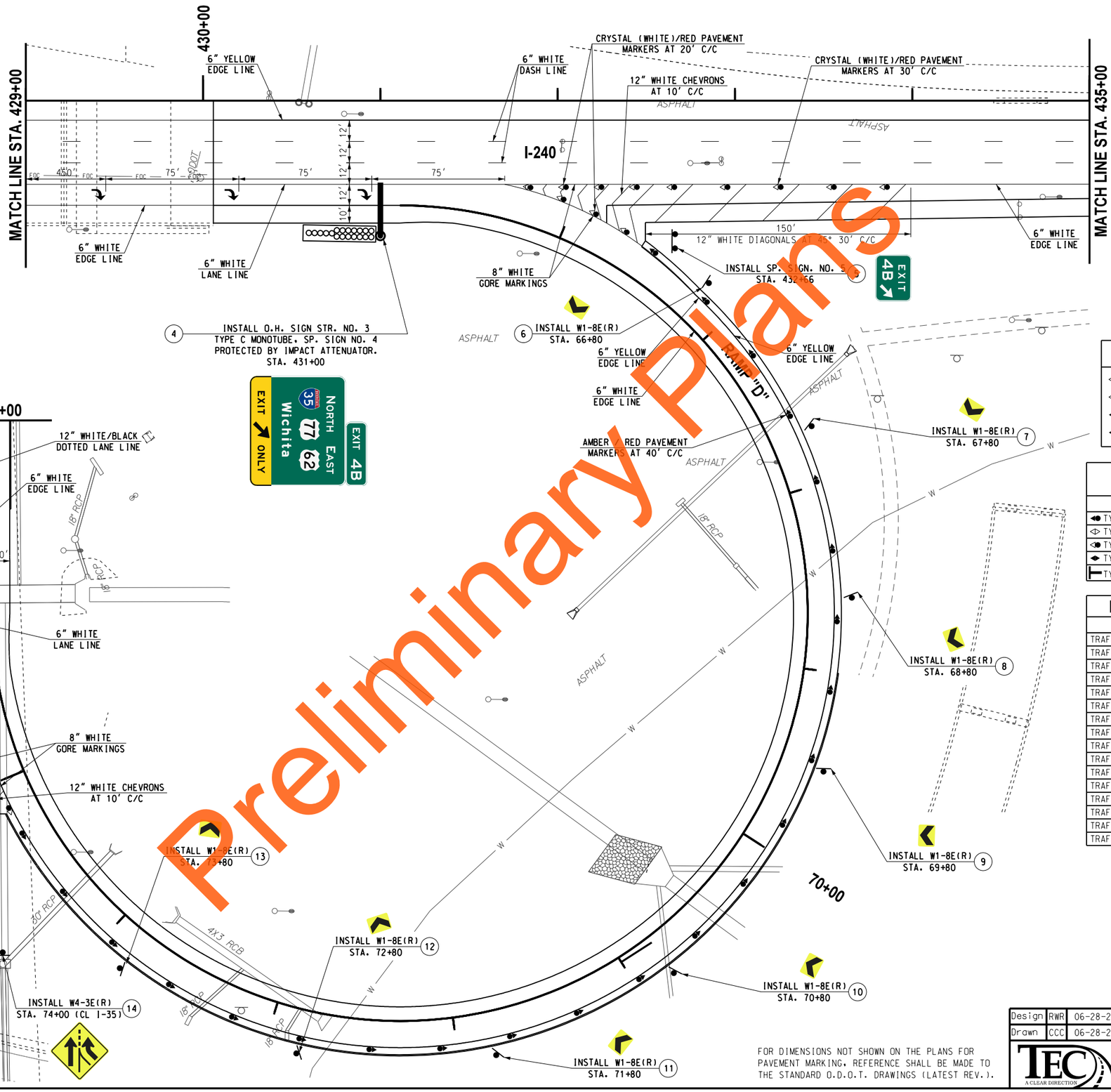
SIGNING & STRIPING (2 OF 6)

State Job No. 09032(07) Sheet No. T022

OKLAHOMA COUNTY

06-28-23 G:\OP\Projects\T-2457D Design\I-240-I-35 Phase III - OKC\CAD\T022-0903207-SIGNING & STRIPING (2 OF 6).dgn

REVISIONS		
NO.	DESCRIPTION	DATE



Preliminary Plans

0 30' 60'

PAVEMENT MARKER LEGEND

- BI-DIRECTIONAL - CRYSTAL/CRYSTAL (WHITE)
- BI-DIRECTIONAL - CRYSTAL/RED
- BI-DIRECTIONAL - AMBER/RED
- BI-DIRECTIONAL - AMBER/AMBER

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	10
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	23
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	2319
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	895
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	337
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	463
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	40
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	40
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	3
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	0

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25
6-28-2023
DATE
Traffic Engineering Consultants, Inc.
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REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

SIGNING & STRIPING (3 OF 6)

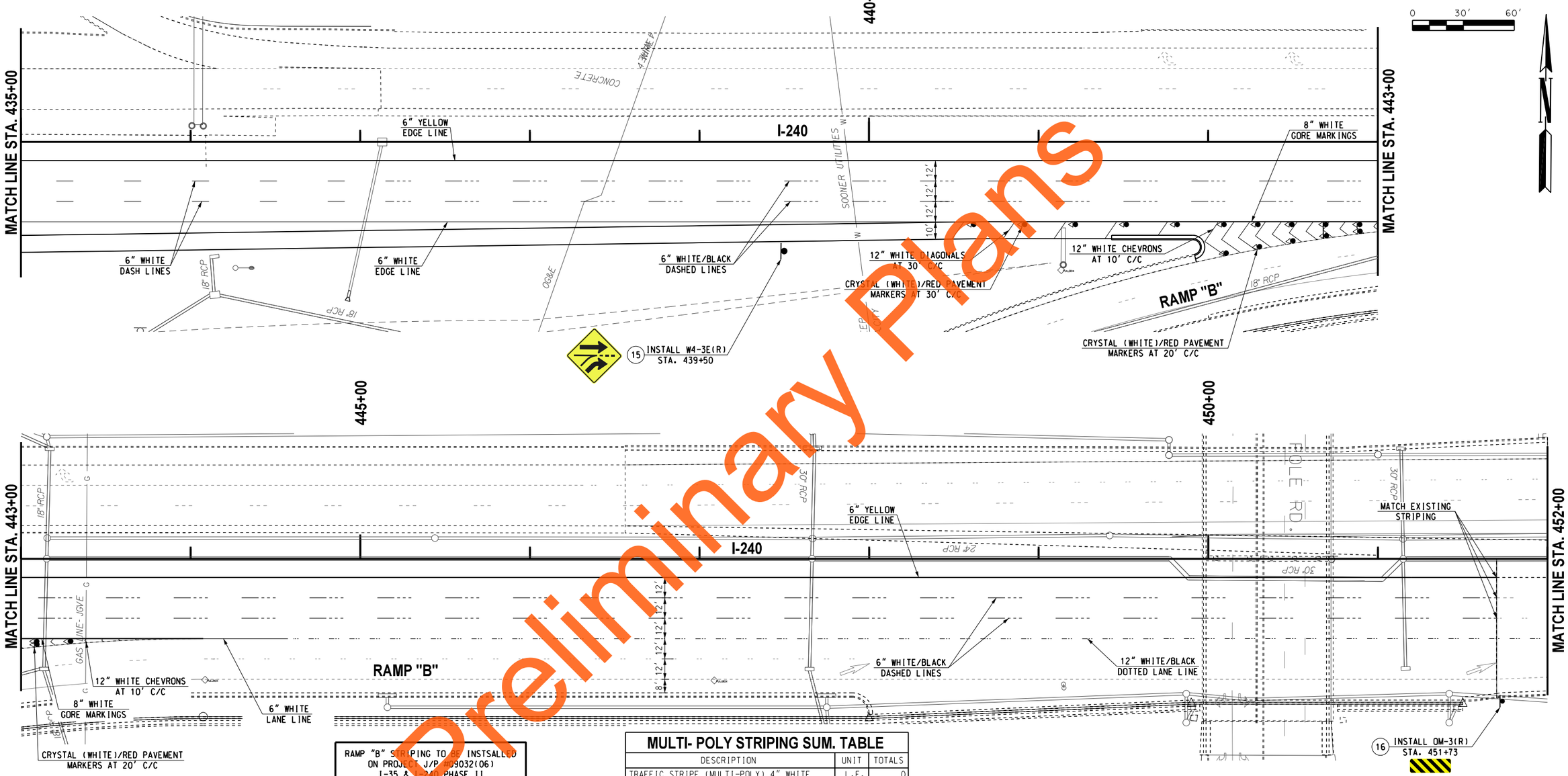
State Job No. 09032(07) Sheet No. T023

OKLAHOMA COUNTY

BEFORE YOU DIG CALL OKIE 811 1-800-522-OKIE

06-28-23 G:\O\Projects\17-2457D Design\I-240-I-35 Phase III - OKC\CAD\T023-09032(07)-SIGNING & STRIPING (3 OF 6).dgn

REVISIONS		
NO.	DESCRIPTION	DATE



RAMP "B" STRIPING TO BE INSTSALLED ON PROJECT J/P #09032(06) I-35 & I-240 PHASE II

Preliminary Plans

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	1762
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	1870
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	827
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	440
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	508
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	183
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	0

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	18
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	0
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

PAVEMENT MARKER LEGEND

- BI-DIRECTIONAL - CRYSTAL/CRYSTAL (WHITE)
- BI-DIRECTIONAL - CRYSTAL/RED
- BI-DIRECTIONAL - AMBER/RED
- BI-DIRECTIONAL - AMBER/AMBER

BEFORE YOU DIG 811 1-800-522-OKIE CALL OKIE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

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Ph: 405-720-7721, Web: www.tecusa.com

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

SIGNING & STRIPING (4 OF 6)

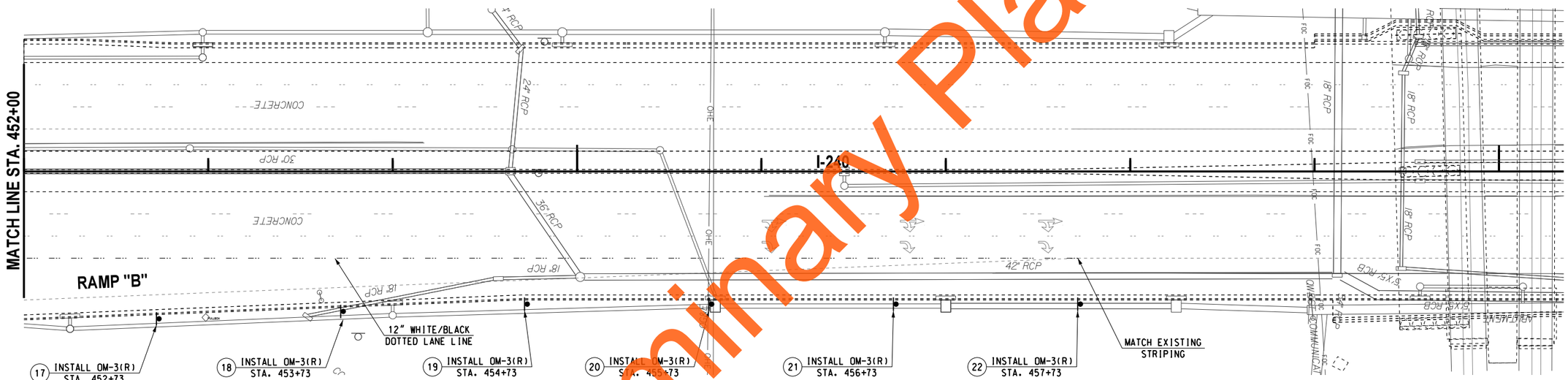
State Job No. 09032(07) Sheet No. T024

OKLAHOMA COUNTY

06-28-23 G:\O\Projects\T-2457D Design\I-240\I-35 Phase III - OKC\CAD\T024-0903207-SIGNING & STRIPING (4 OF 6).dgn

REVISIONS		
NO.	DESCRIPTION	DATE

0 30' 60'



Preliminary Plans

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	0
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	0
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	160
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	160
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	0

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

PAVEMENT MARKER LEGEND

◇	- BI-DIRECTIONAL	- CRYSTAL/CRYSTAL (WHITE)
◇●	- BI-DIRECTIONAL	- CRYSTAL/RED
●◆	- BI-DIRECTIONAL	- AMBER/RED
◆	- BI-DIRECTIONAL	- AMBER/AMBER

BEFORE YOU DIG CALL OKIE 811 1-800-522-OKIE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25

6-28-2023
DATE

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Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

SIGNING & STRIPING (5 OF 6)

State Job No. 09032(07) Sheet No. T025

OKLAHOMA COUNTY

06-28-23 G:\OP rojects\T-2457D Design_I-240-I-35 Phase III - OKC\CAD\T025-090307-SIGNING & STRIPING (5 OF 6).dgn

REVISIONS		
NO.	DESCRIPTION	DATE

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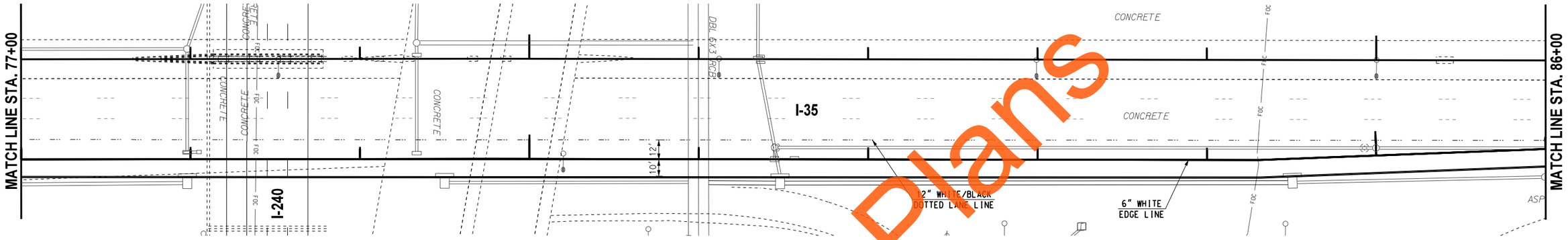
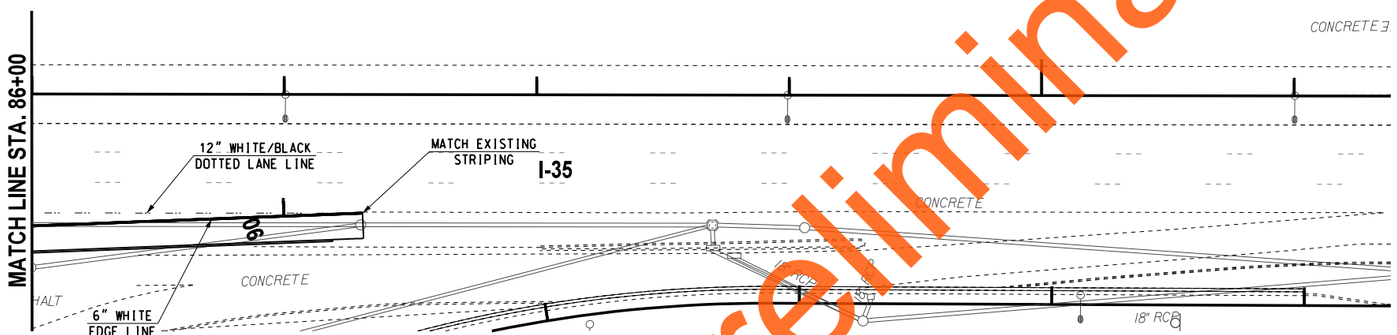




Preliminary Plans

PAVEMENT MARKER / DELINEATOR SUMMARY TABLE

DESCRIPTION	UNIT	TOTALS
TYPE 1 - AMBER/RED (YELLOW/RED)	EA.	0
TYPE 2 - CRYSTAL/CRYSTAL (WHITE/WHITE)	EA.	0
TYPE 3 - CRYSTAL/RED (WHITE/RED)	EA.	0
TYPE 4 - AMBER/AMBER (YELLOW/YELLOW)	EA.	0
TYPE 1 - FLEXIBLE DRIVEABLE DELINEATOR	EA.	0

MULTI- POLY STRIPING SUM. TABLE

DESCRIPTION	UNIT	TOTALS
TRAFFIC STRIPE (MULTI-POLY) 4" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 4" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" WHITE	L.F.	1157
TRAFFIC STRIPE (MULTI-POLY) 6" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 6" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 8" BLACK	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" WHITE	L.F.	255
TRAFFIC STRIPE (MULTI-POLY) 12" YELLOW	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) 12" BLACK	L.F.	255
TRAFFIC STRIPE (MULTI-POLY) 24" WHITE	L.F.	0
TRAFFIC STRIPE (MULTI-POLY) ARROWS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) WORDS	EA.	0
TRAFFIC STRIPE (MULTI-POLY) SYMBOLS	EA.	0

FOR DIMENSIONS NOT SHOWN ON THE PLANS FOR PAVEMENT MARKING, REFERENCE SHALL BE MADE TO THE STANDARD O.D.O.T. DRAWINGS (LATEST REV.).

PAVEMENT MARKER LEGEND

- BI-DIRECTIONAL - CRYSTAL/CRYSTAL (WHITE)
- BI-DIRECTIONAL - CRYSTAL/RED
- BI-DIRECTIONAL - AMBER/RED
- BI-DIRECTIONAL - AMBER/AMBER

BEFORE YOU DIG 811 1-800-522-OKIE CALL OKIE

R. WAYNE RUSSELL, P.E. # 16030
C.A. # 1160, RENEWAL 06-30-25
6-28-2023
DATE
Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Suite 300 - Oklahoma City, OK 73139,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER R. WAYNE RUSSELL 16030 OKLAHOMA

Design	RWR	06-28-23
Drawn	CCC	06-28-23

TEC A CLEAR DIRECTION

SIGNING & STRIPING (6 OF 6)

State Job No. 09032(07) Sheet No. T026

OKLAHOMA COUNTY

06-28-23 G:\0Projects\T-2457D Design,I-240-I-35 Phase III - OKC\CAD\T026-0903207-SIGNING & STRIPING (6 OF 6).dgn

(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

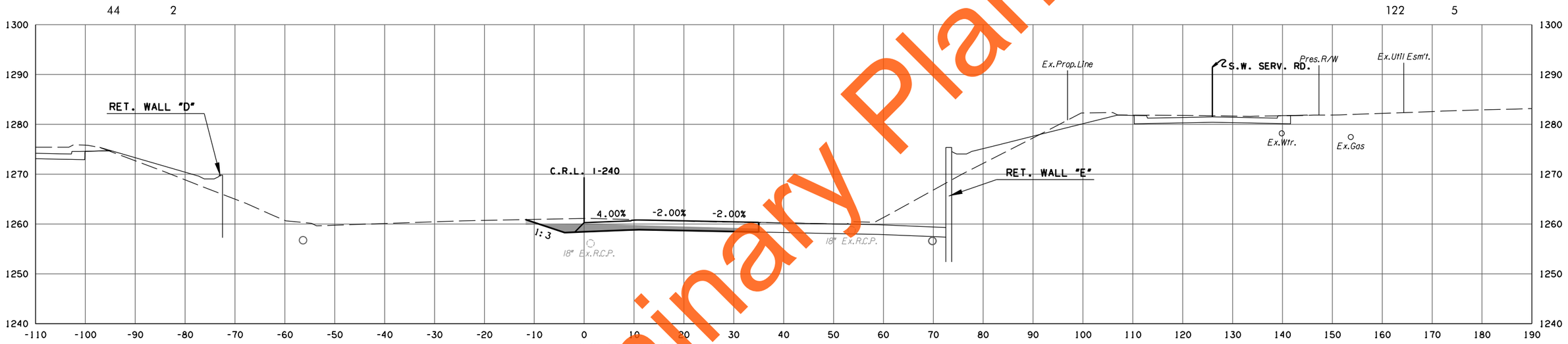
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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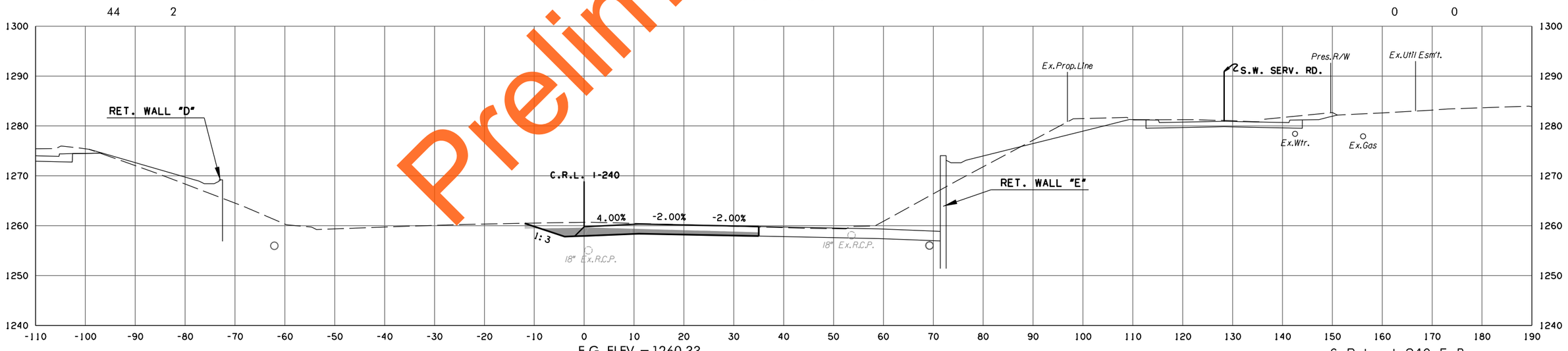
398+00.00



F.G. ELEV. = 1260.33

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BEGIN CONSTRUCTION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X001

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

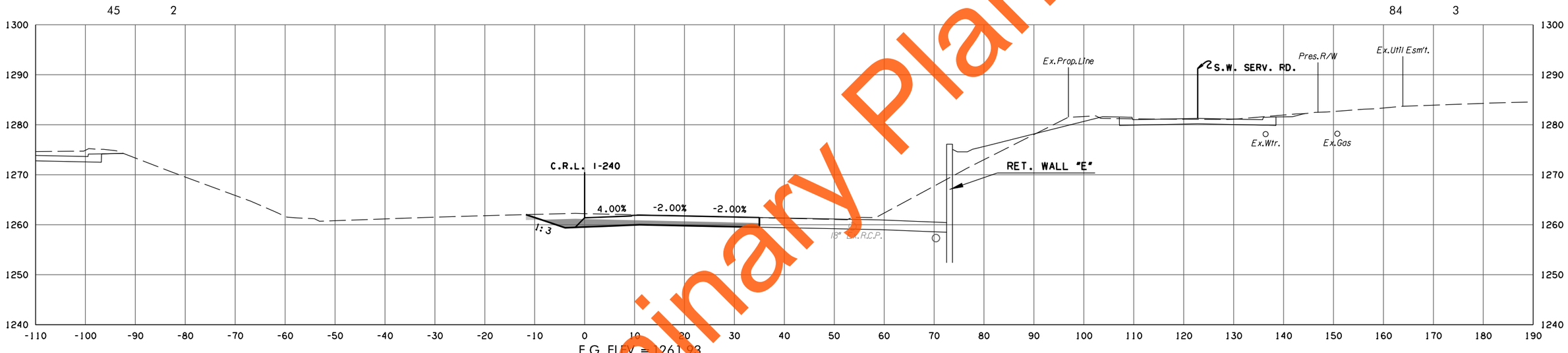
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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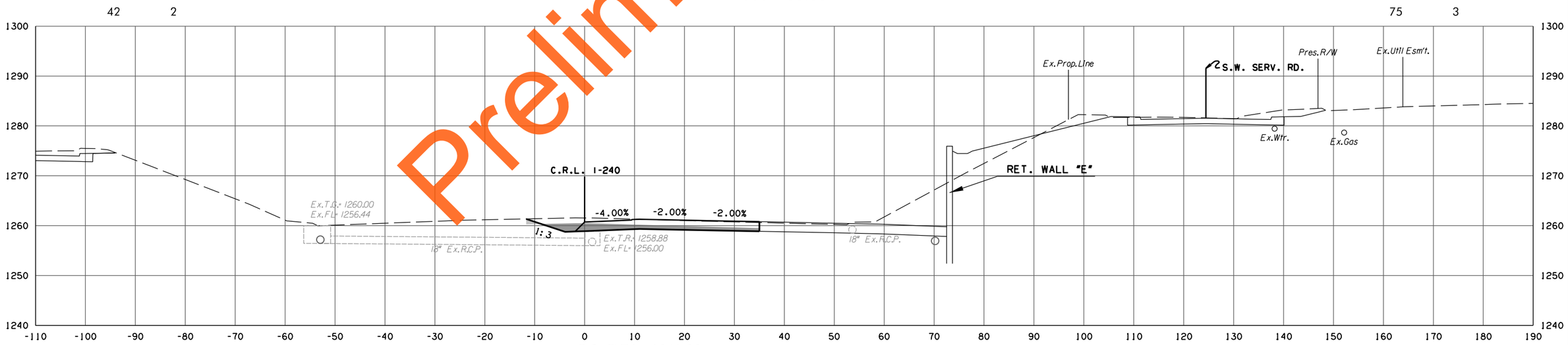

F.G. ELEV. = 1261.28

398 + 47.82

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X002

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

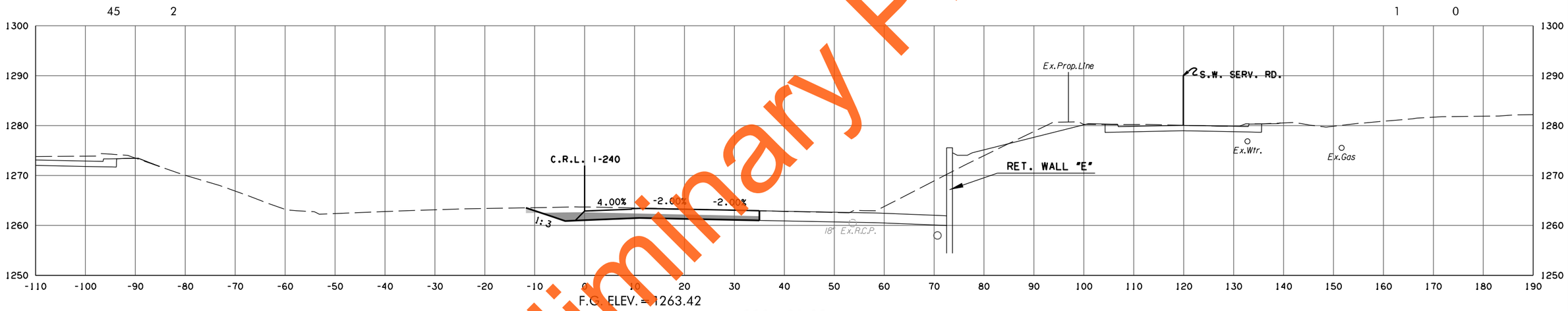
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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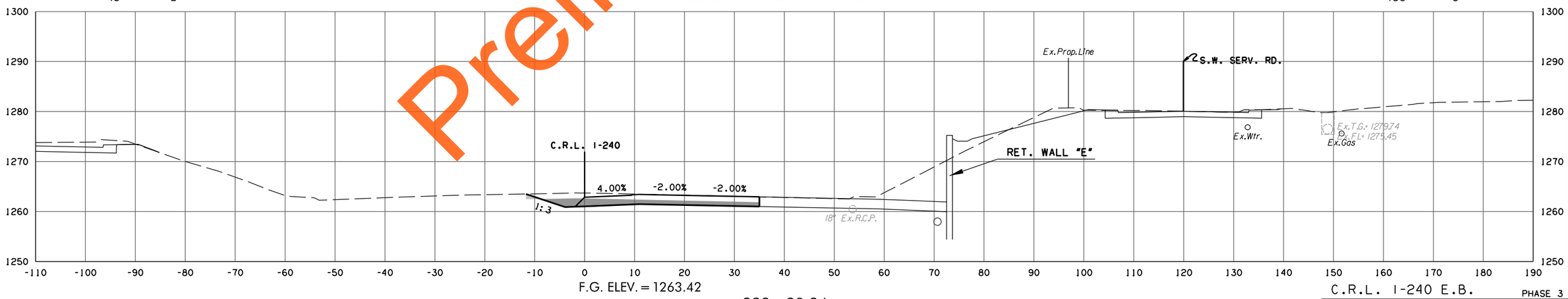

F.G. ELEV. = 1263.42

399+90.94

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X003

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

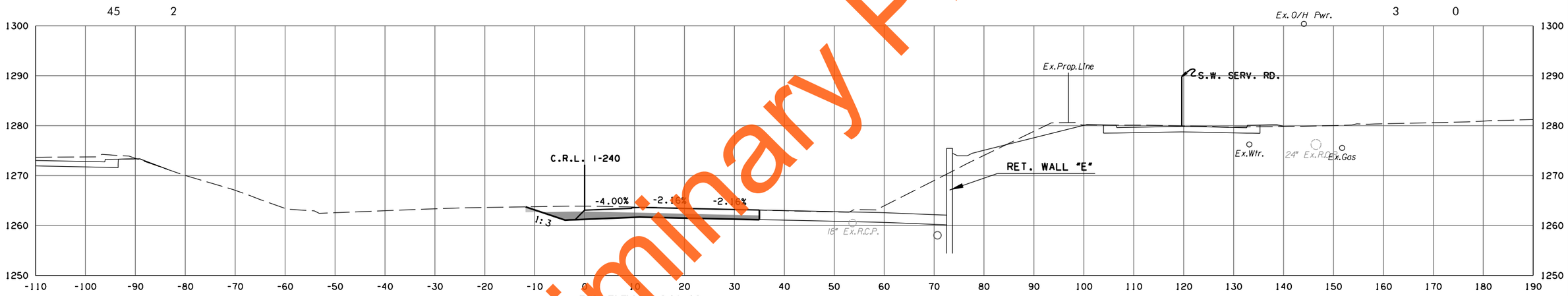
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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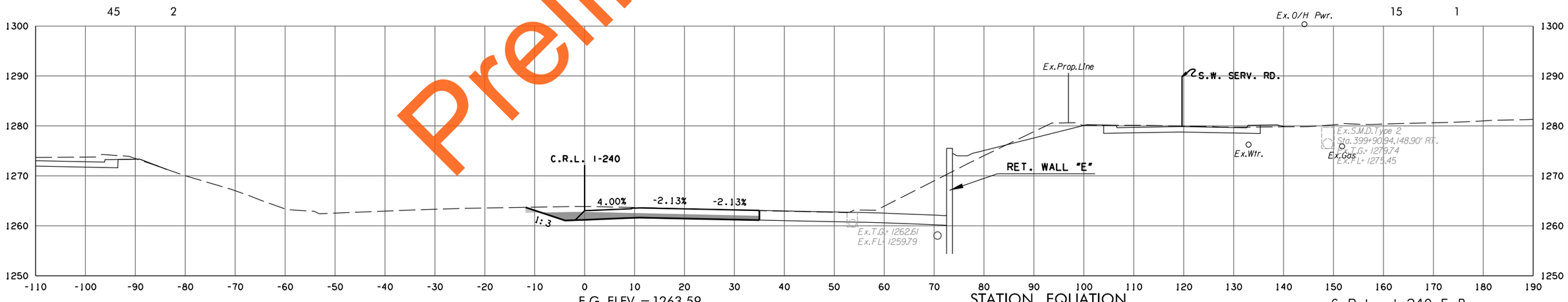

F.G. ELEV. = 1263.59

A 399+96.14

STATION EQUATION
STA. 400+00.00 CL I-240 BK=
STA. 399+96.14 C.R.L. I-240 AHD.

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)
OKLAHOMA COUNTY SHEET NO. X004

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

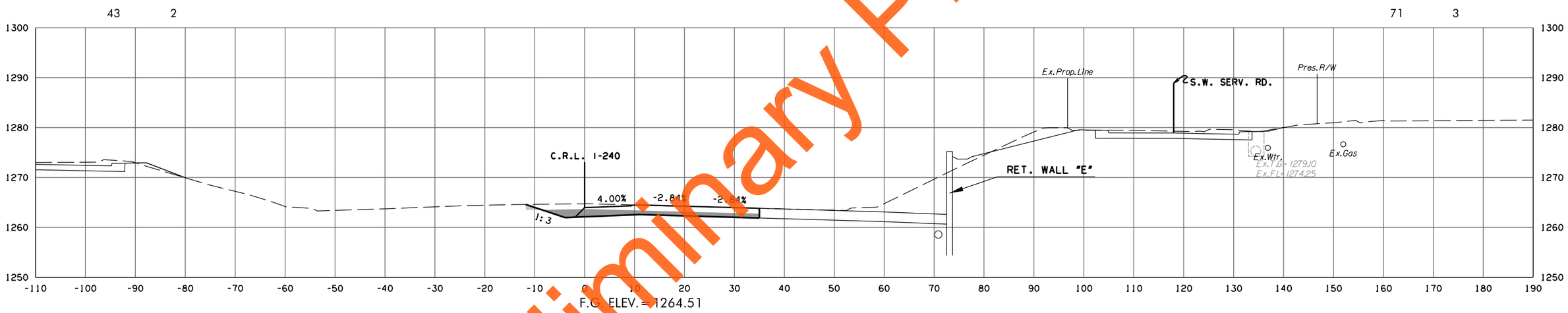
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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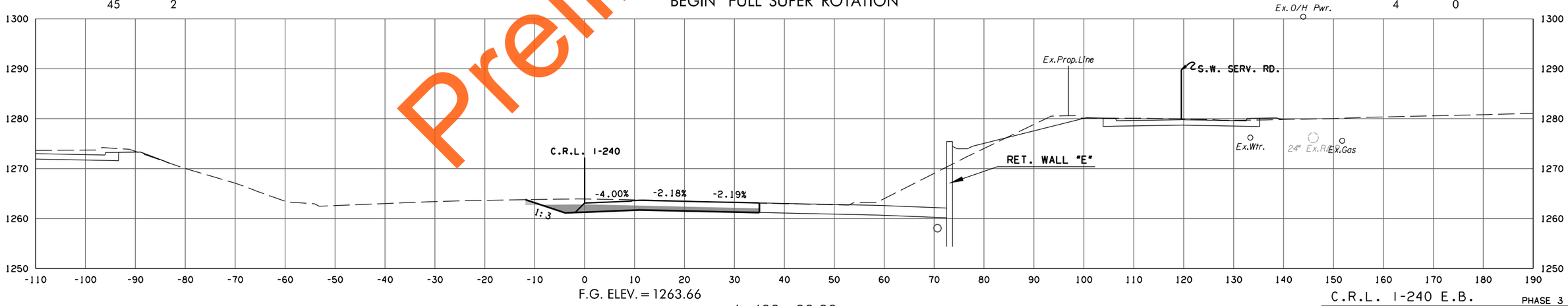

F.G. ELEV. = 1263.66

A 400+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X005

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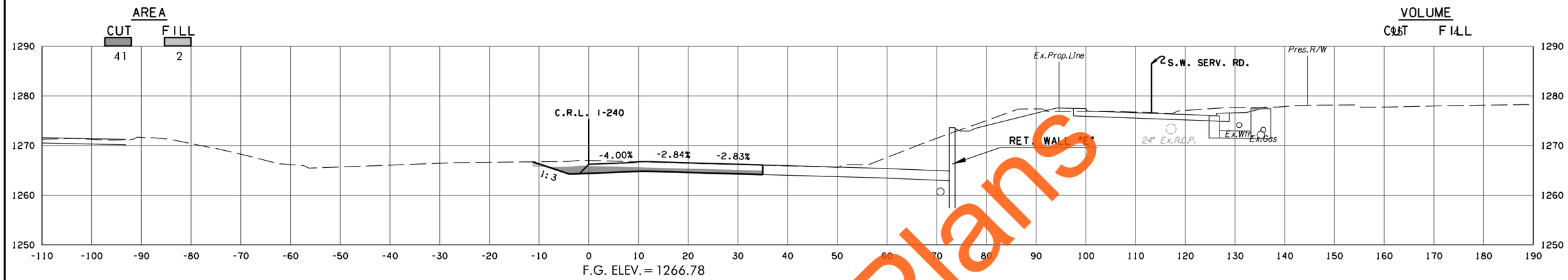

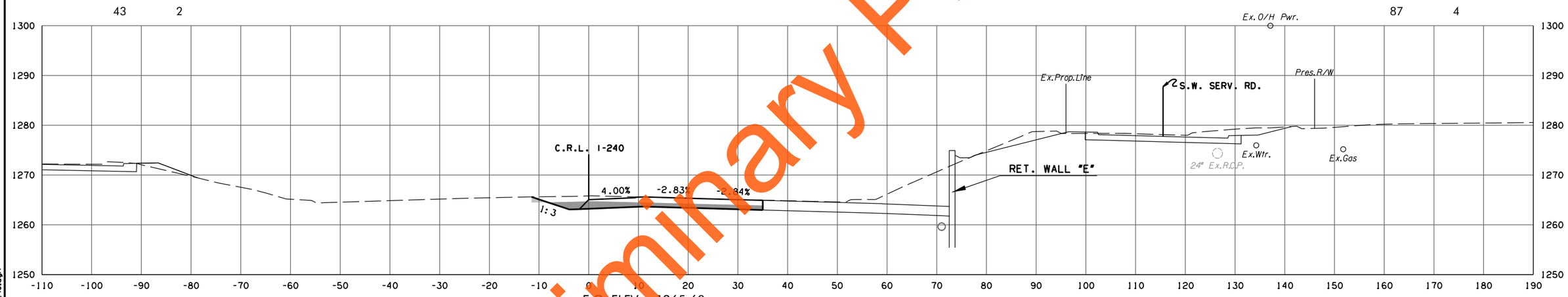

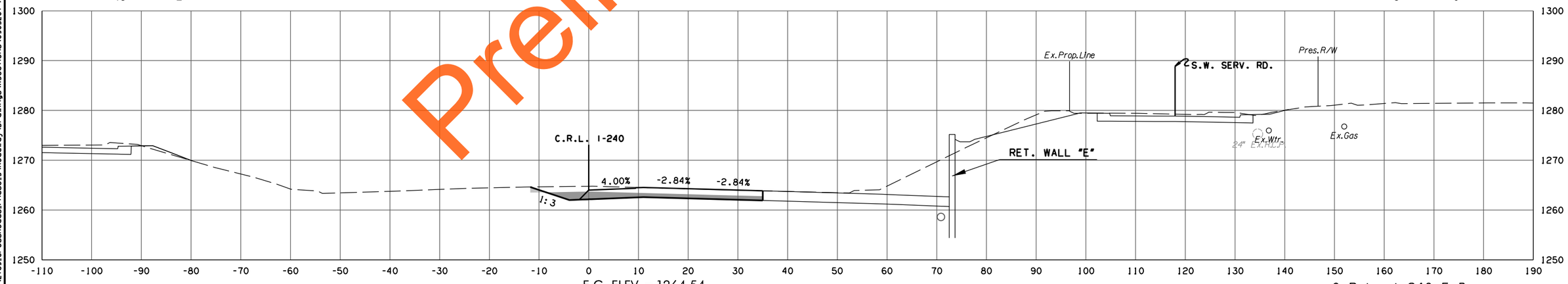

Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

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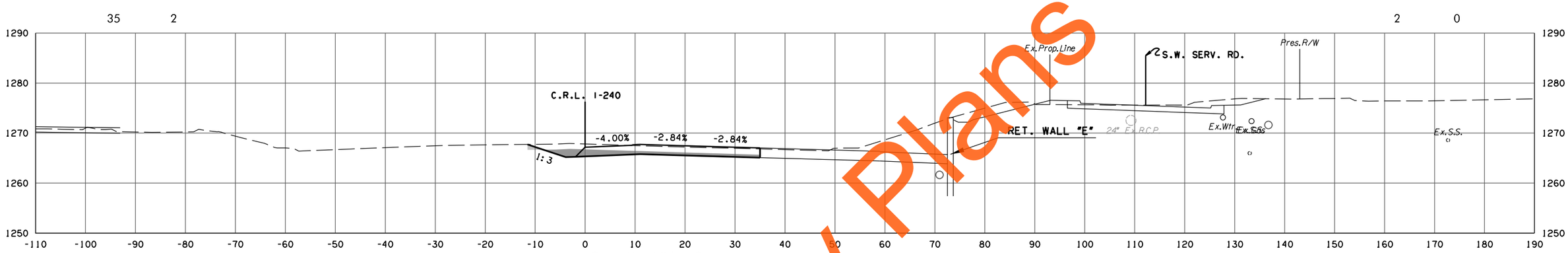
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

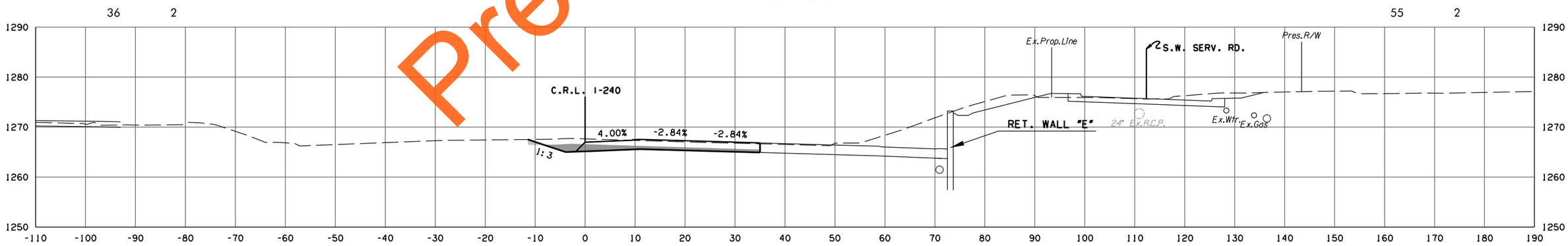


F.G. ELEV. = 1267.72

A 402+10.00

F.G. ELEV. = 1267.69

A 402+08.36



F.G. ELEV. = 1267.53

A 402+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X007

Preliminary Plans

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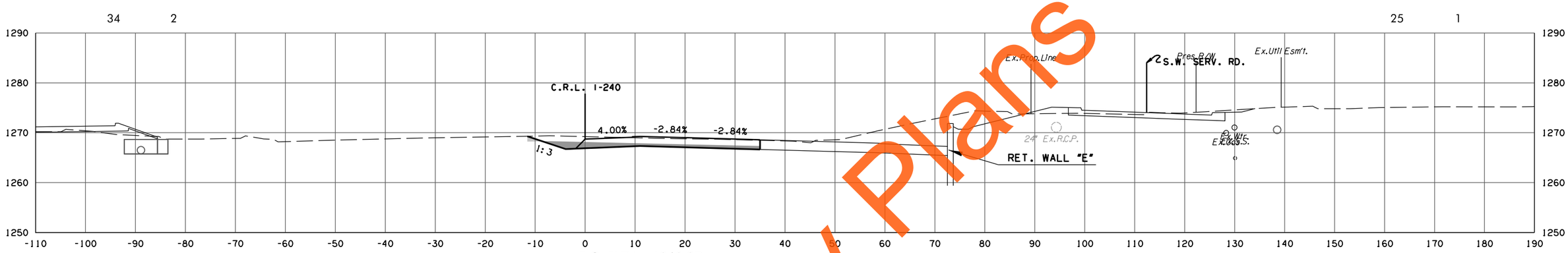
POE & ASSOCIATES, OKLAHOMA CITY, OK.

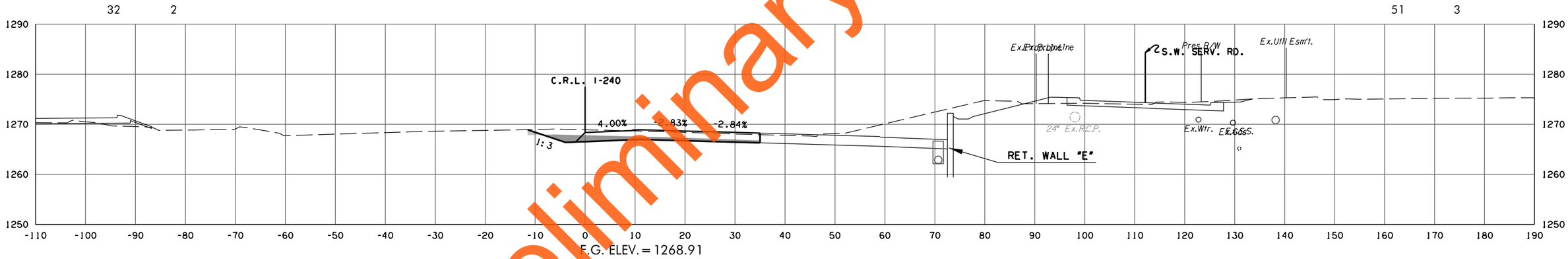
90% PLAN SUBMITTAL

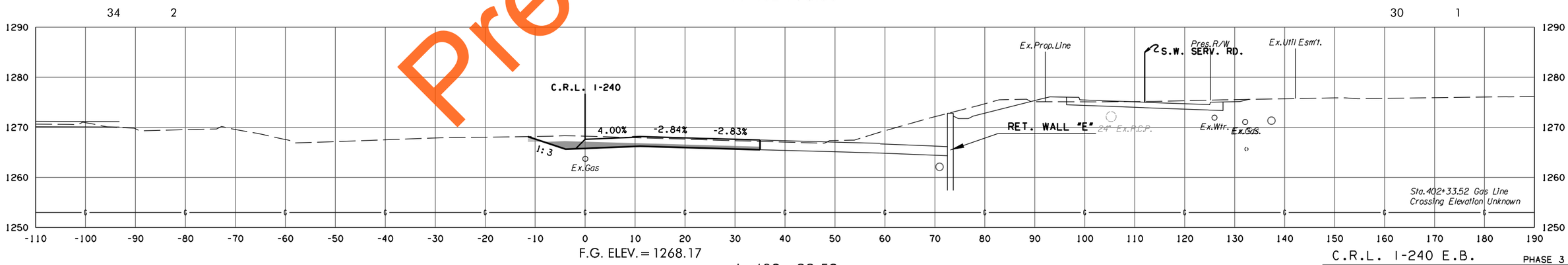
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL







Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X008

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R/W & U/E PURCHASED UNDER JP 09032(05)

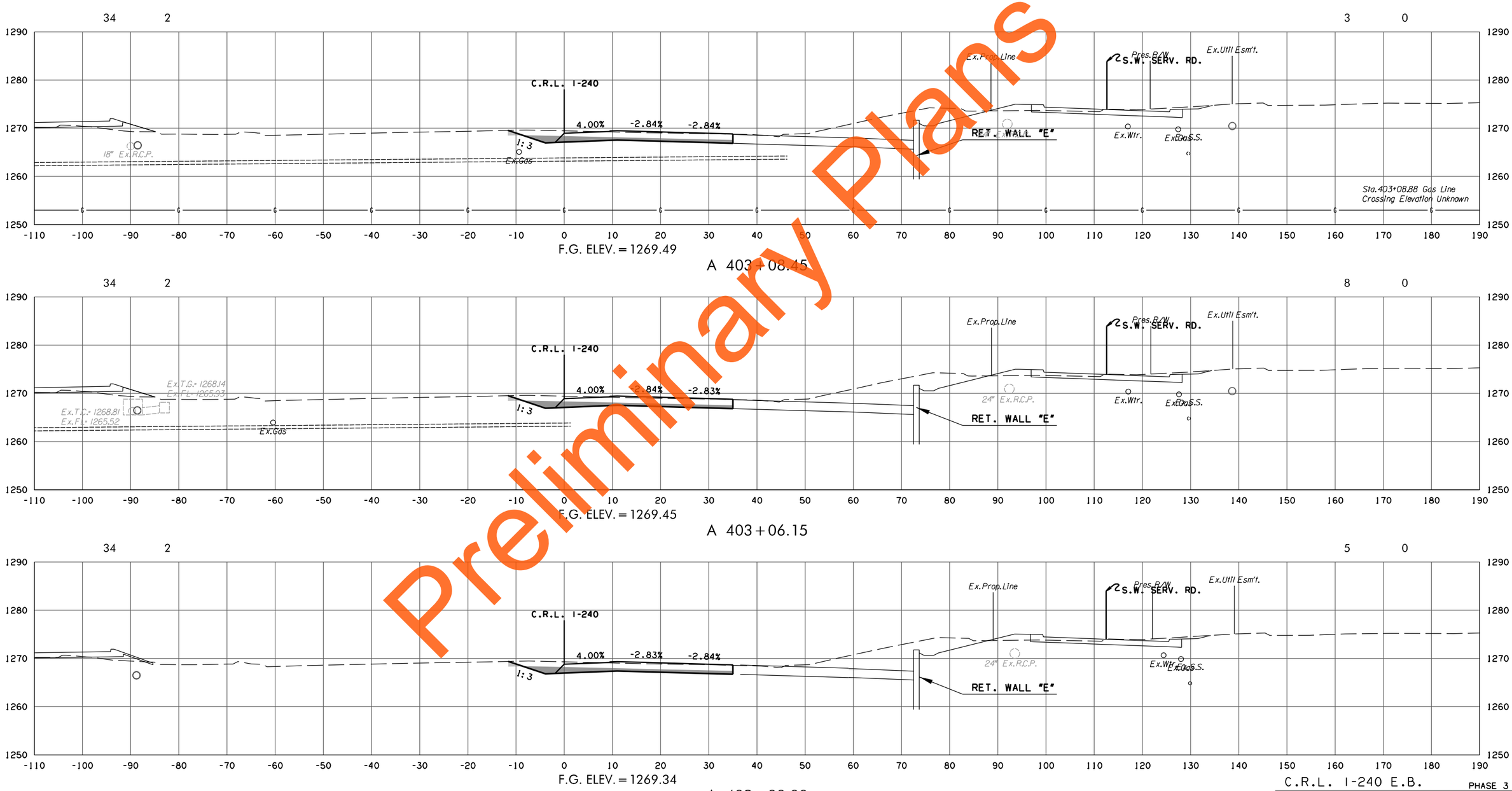
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X009

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R/W & U/E PURCHASED UNDER JP 09032(05)

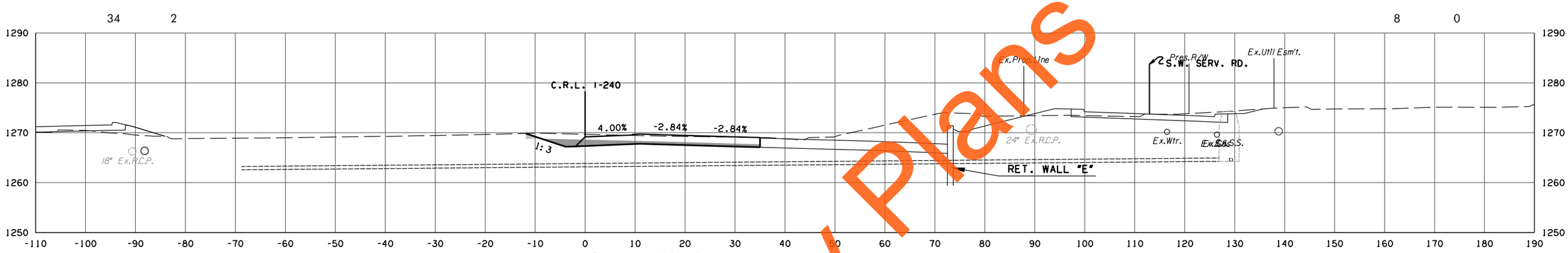
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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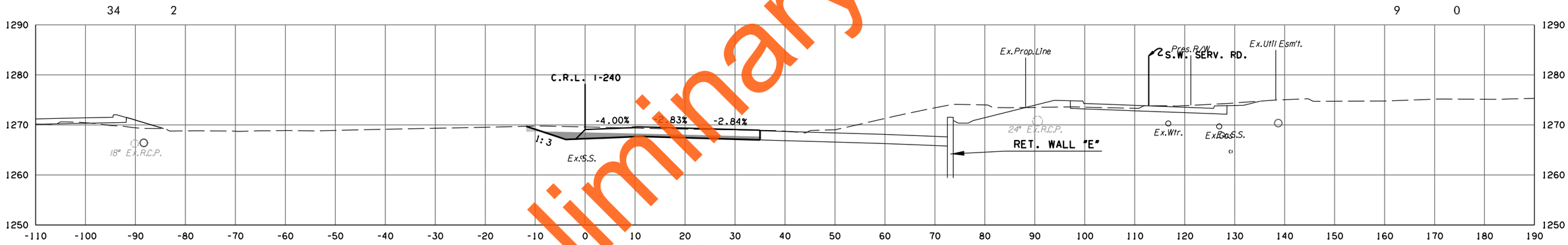
A 403+22.63



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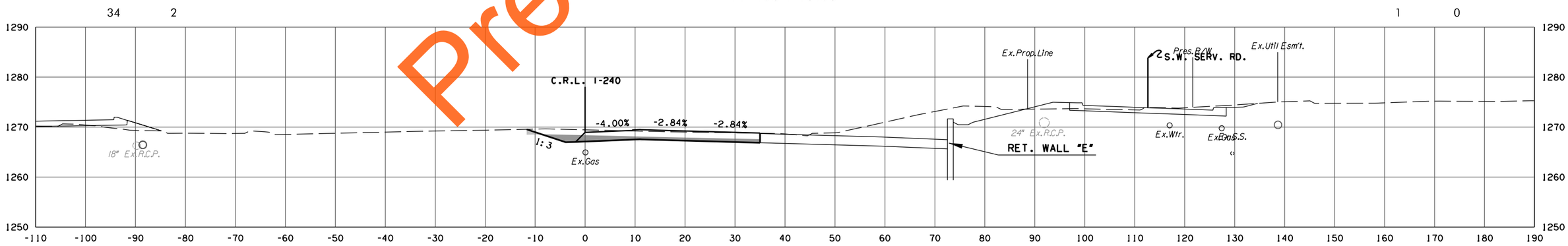

F.G. ELEV. = 1269.49

A 403+08.88

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X010

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

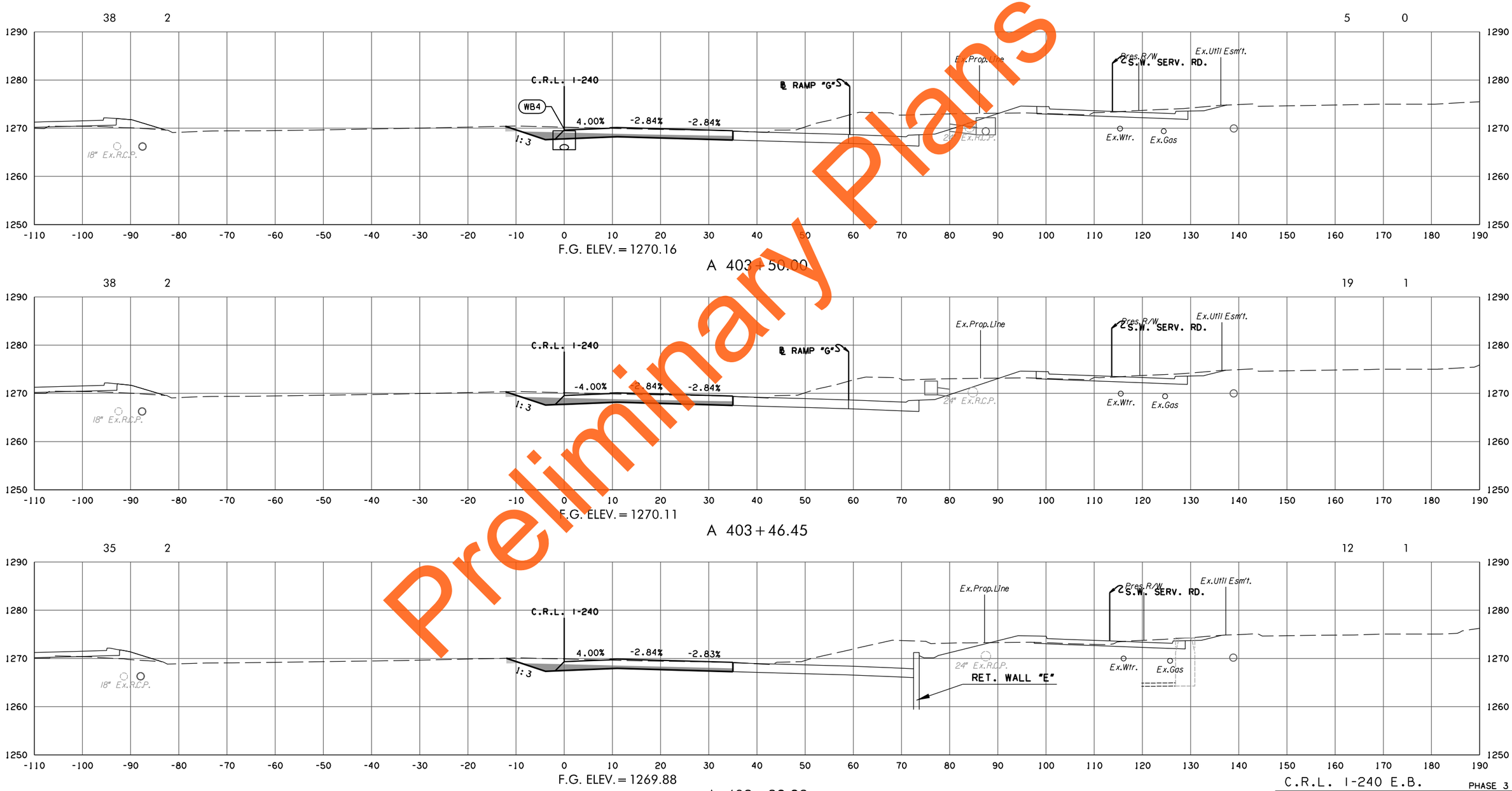
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X011

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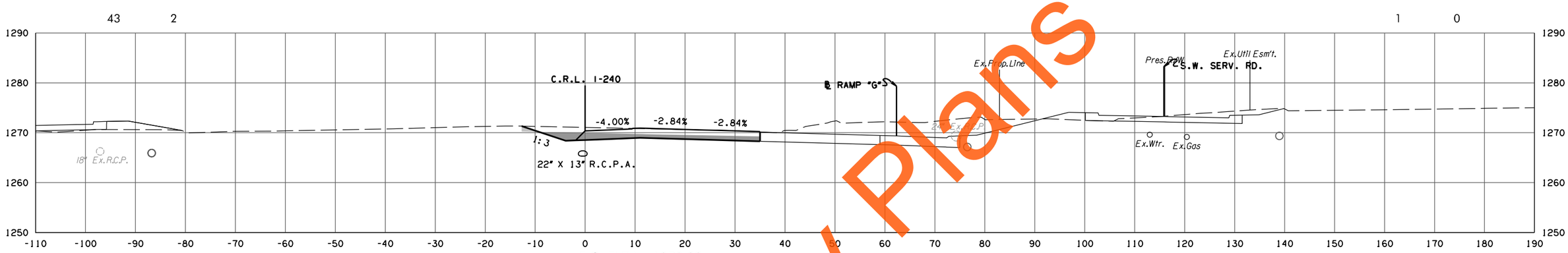
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1270.92

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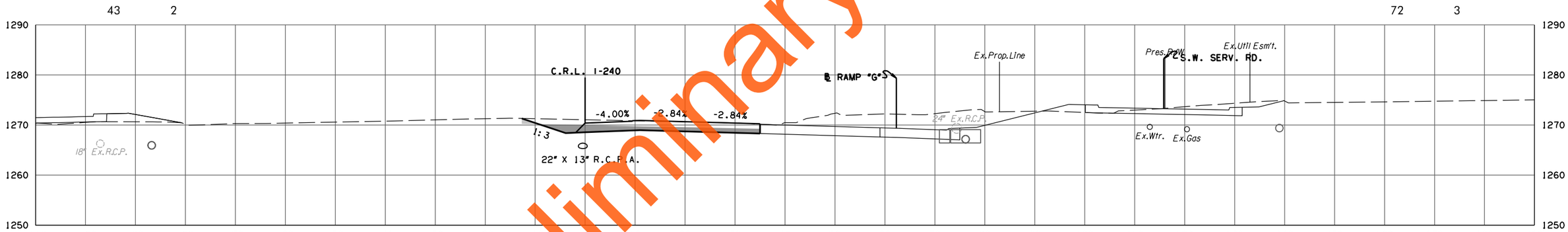

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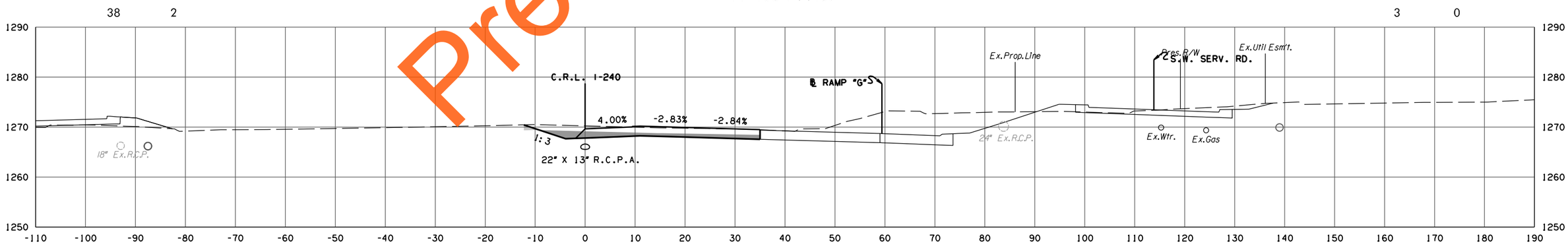

F.G. ELEV. = 1270.19

A 403+52.00

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X012

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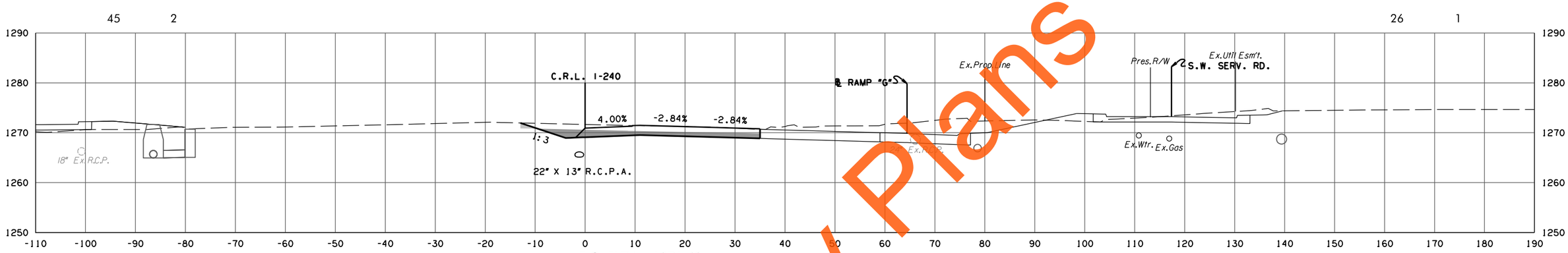
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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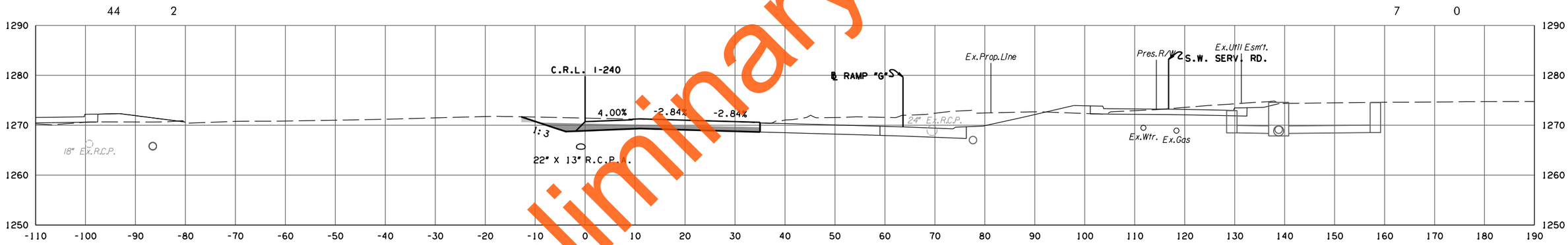

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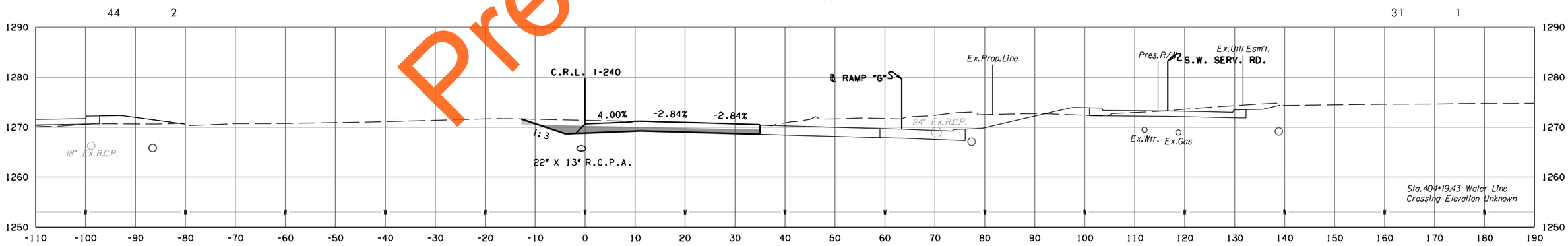

F.G. ELEV. = 1271.20

A 404+19.43

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X013

Preliminary Plans

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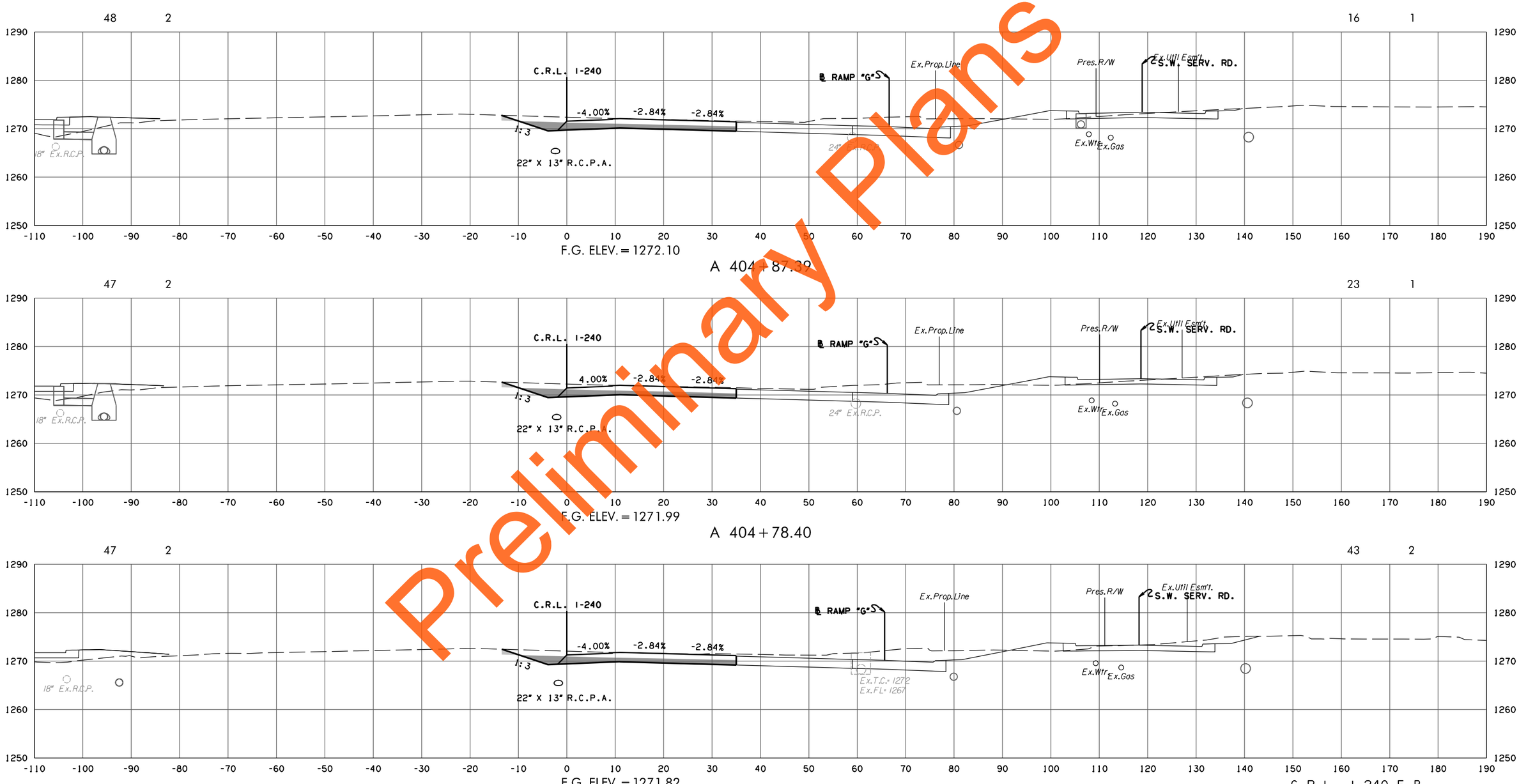
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X014

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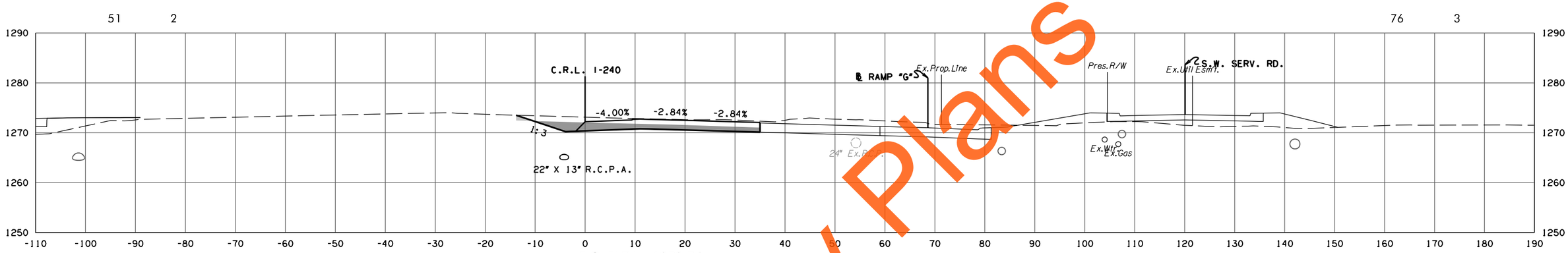
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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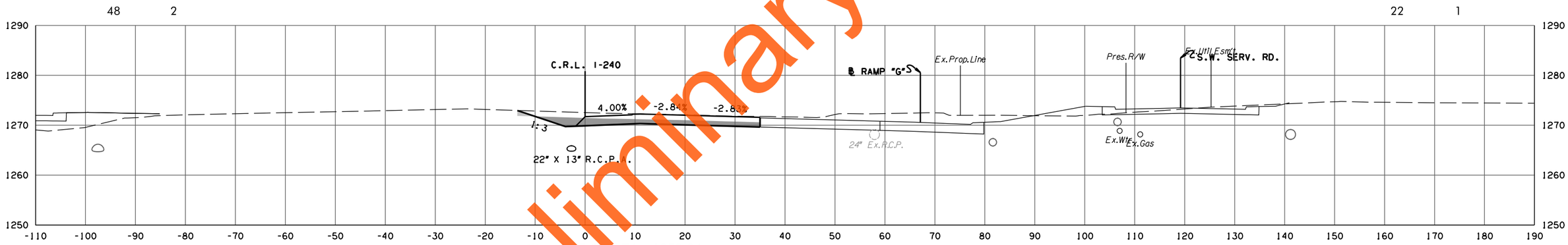

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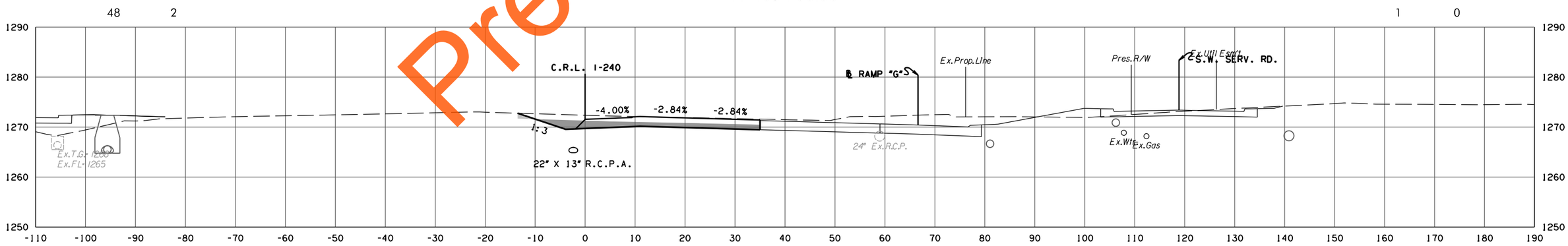

F.G. ELEV. = 1272.11

A 404+87.70

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X015

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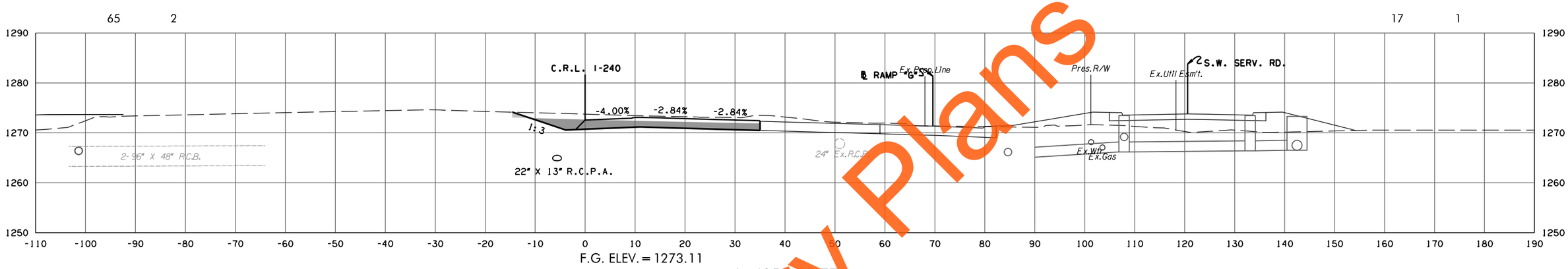
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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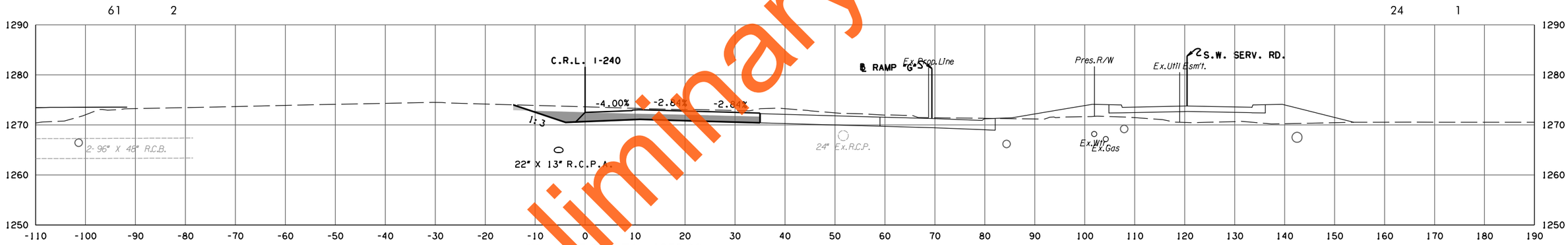
A 405+75.77



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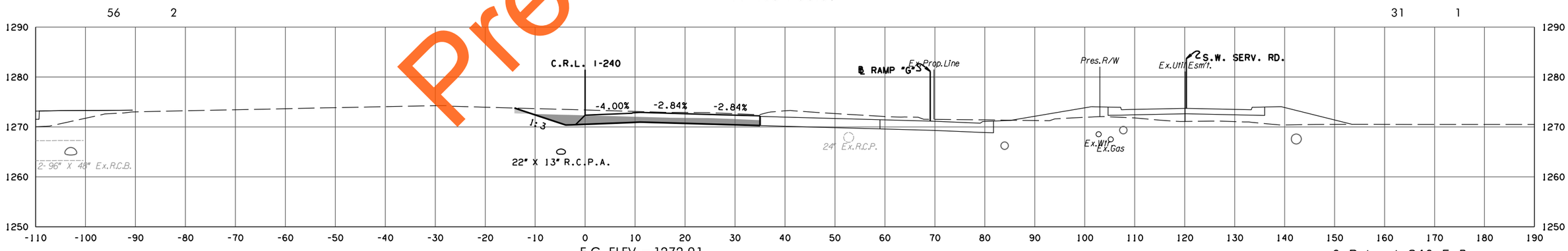

F.G. ELEV. = 1272.91

A 405+57.23

Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X016

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

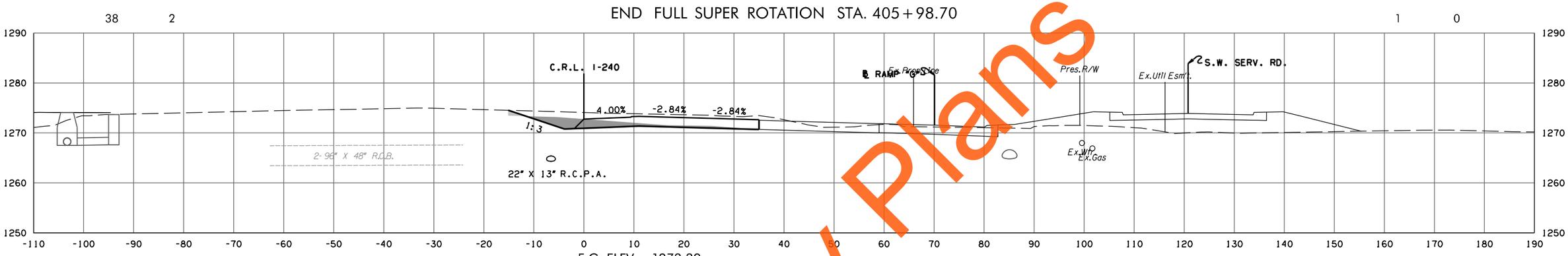
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

END FULL SUPER ROTATION STA. 405+98.70



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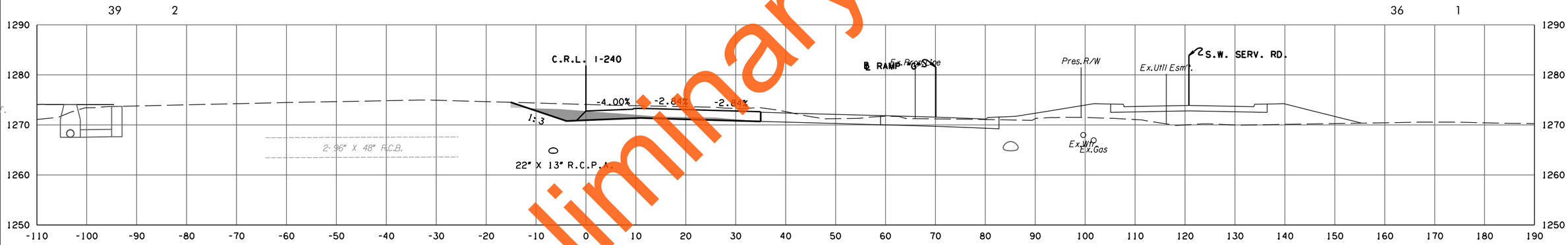

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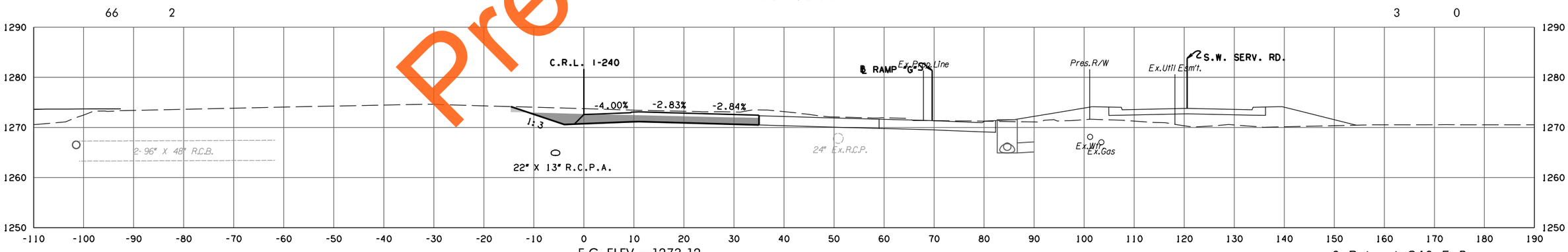
A 405+95.70



F.G. ELEV. = 1273.12

A 405+76.96

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X017

Preliminary Plans

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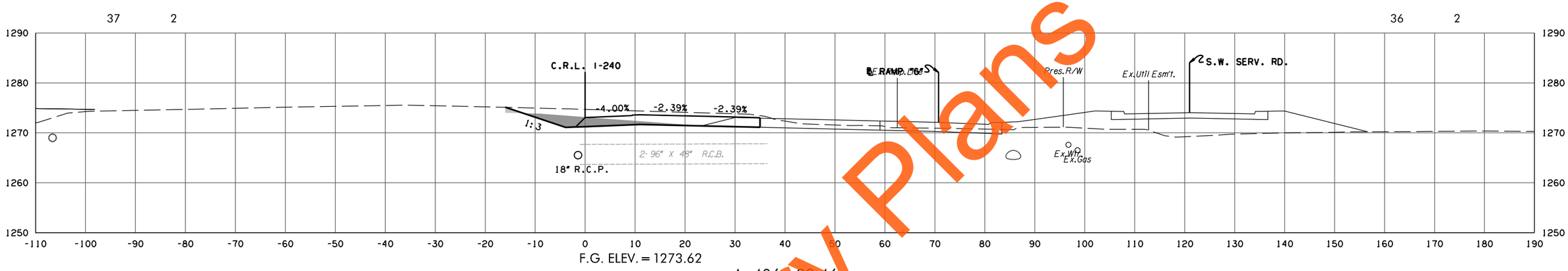
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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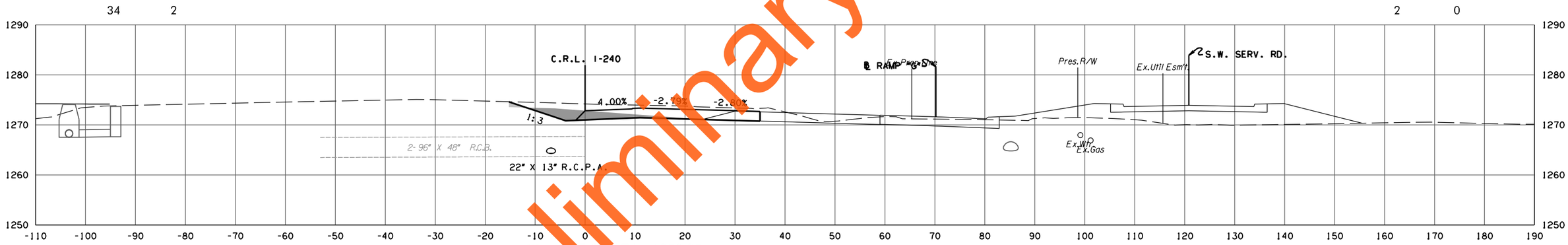

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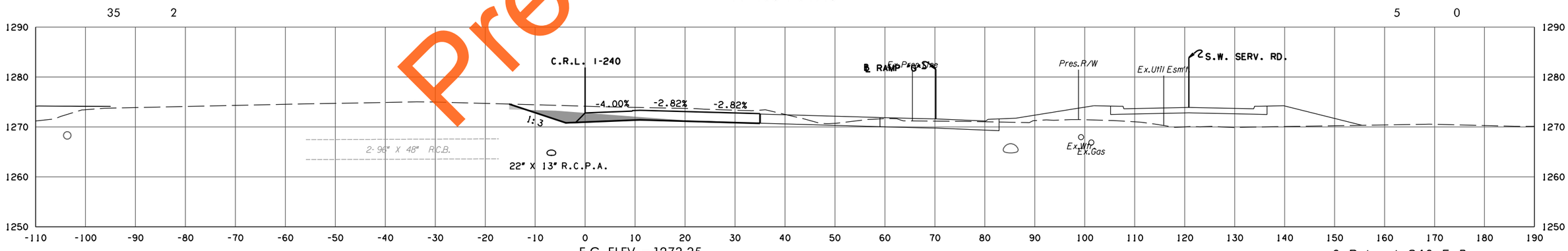
A 406+01.45



F.G. ELEV. = 1273.35

A 406+00.00

Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X018

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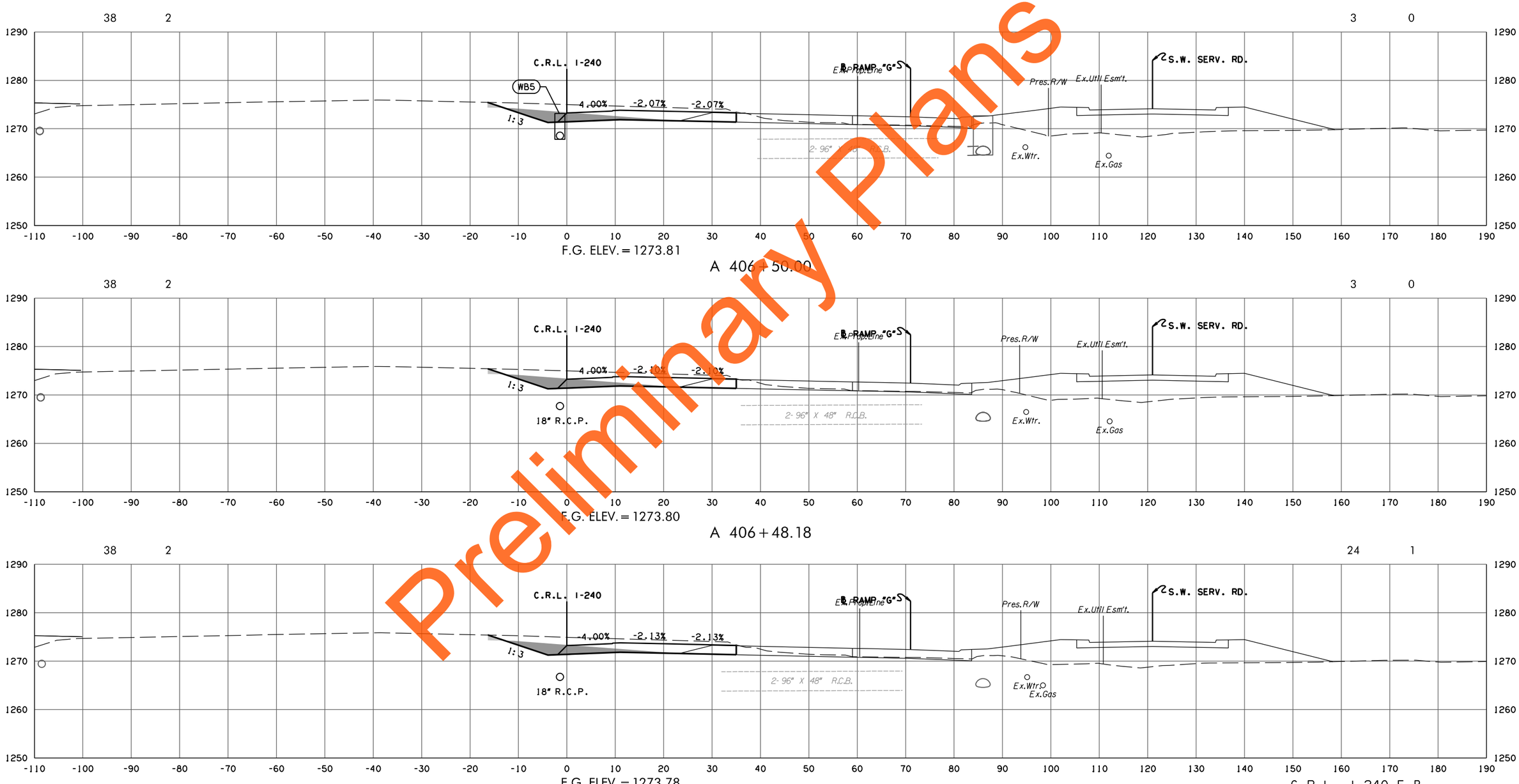
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X019

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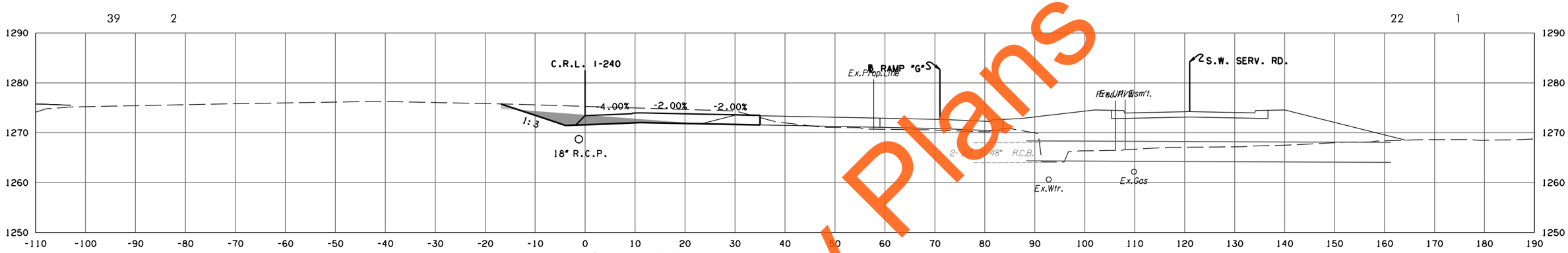
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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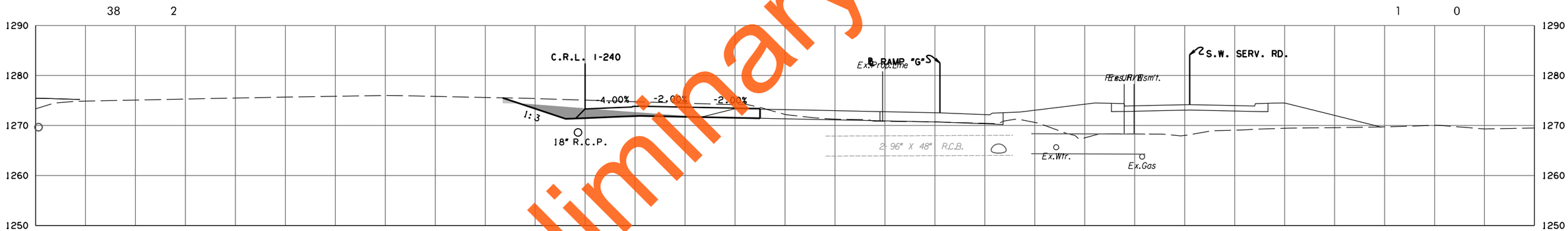

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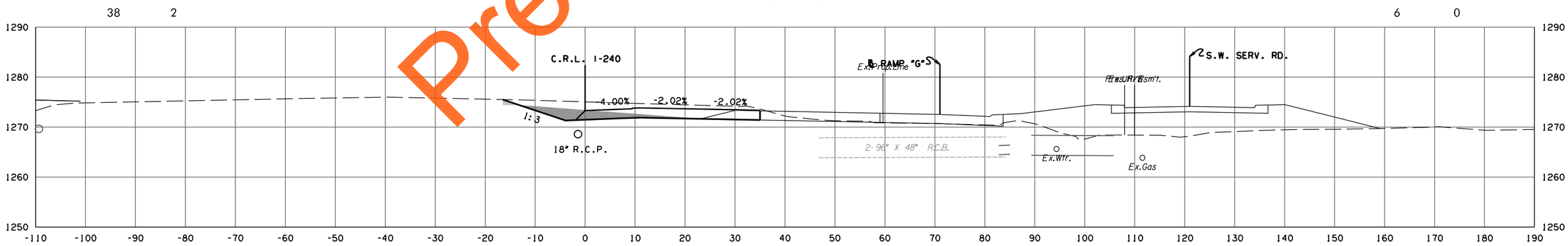
A 406+54.70



F.G. ELEV. = 1273.85

A 406+53.97

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X020

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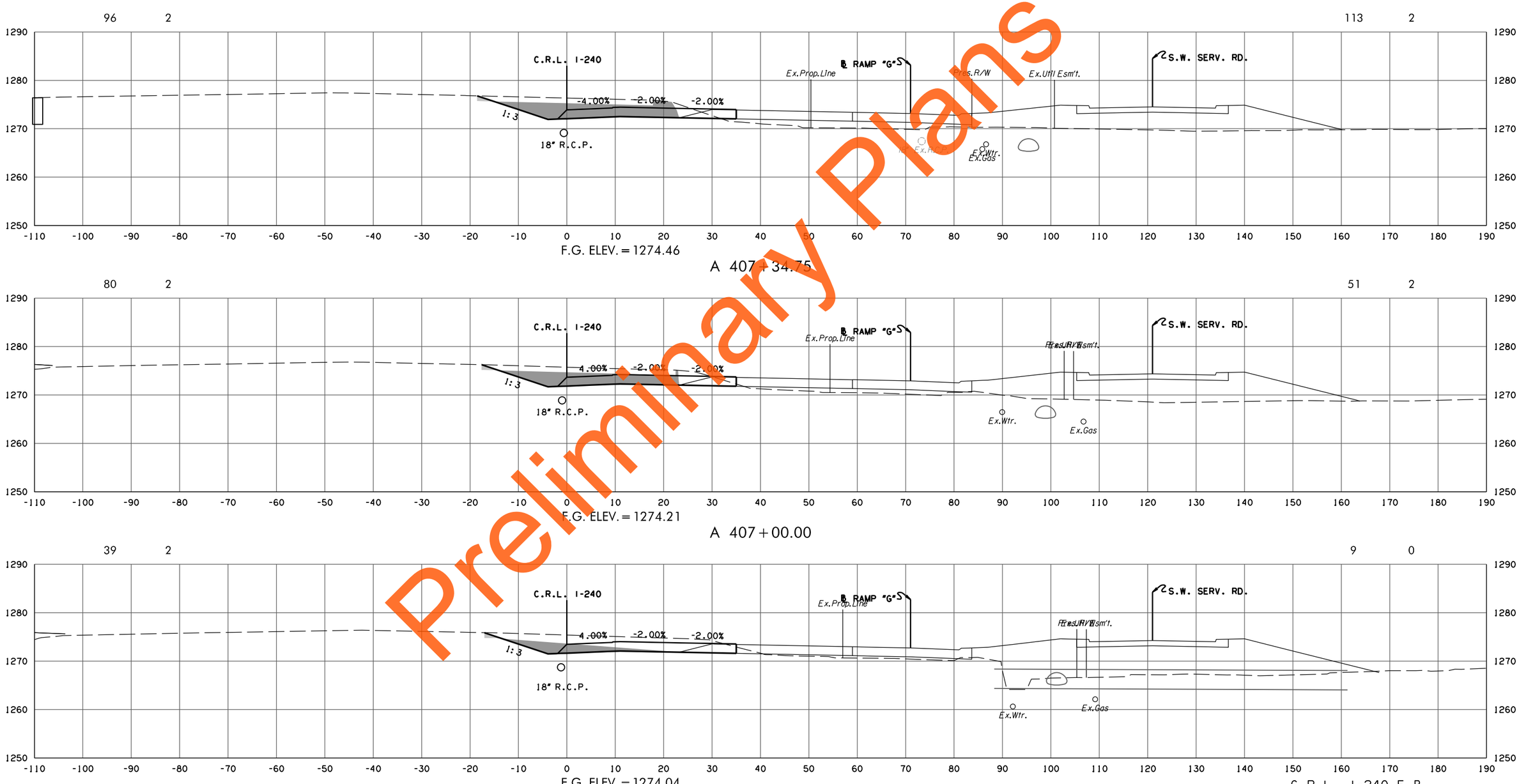
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X021

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R/W & U/E PURCHASED UNDER JP 09032(05)

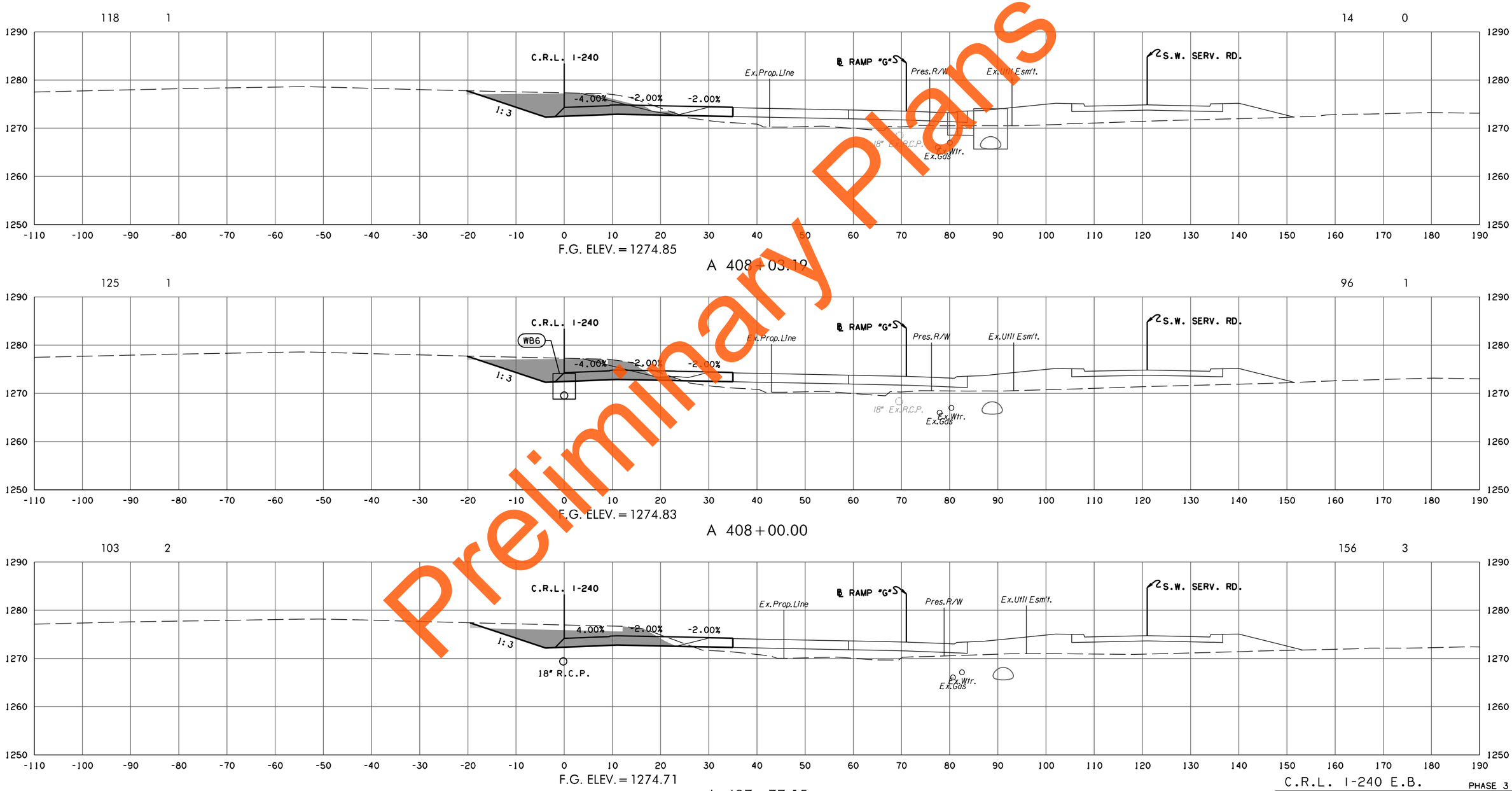
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X022

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

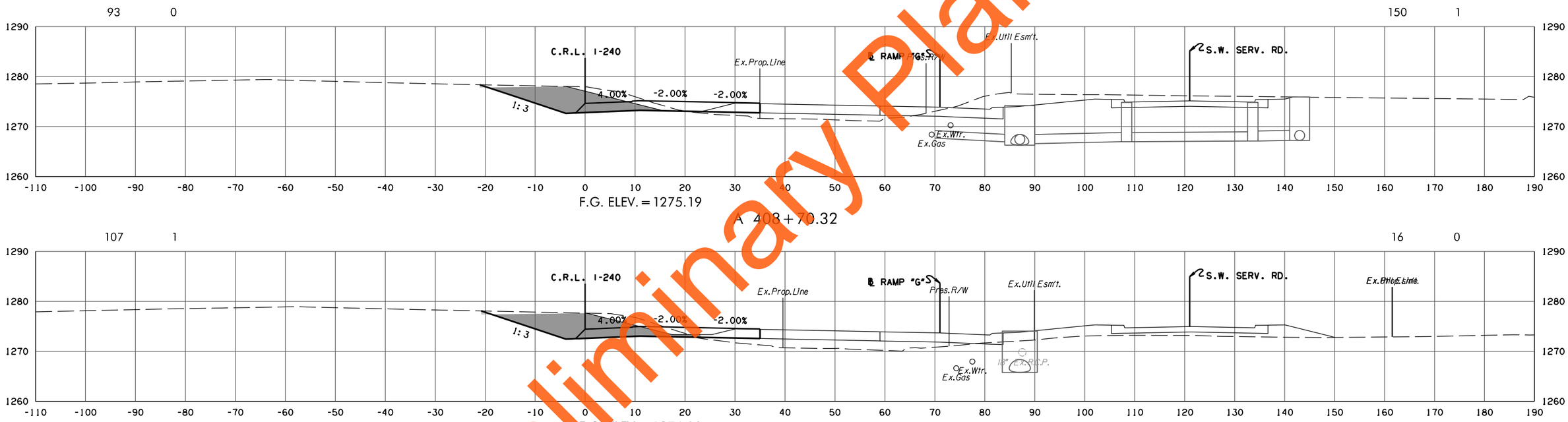
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X023

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

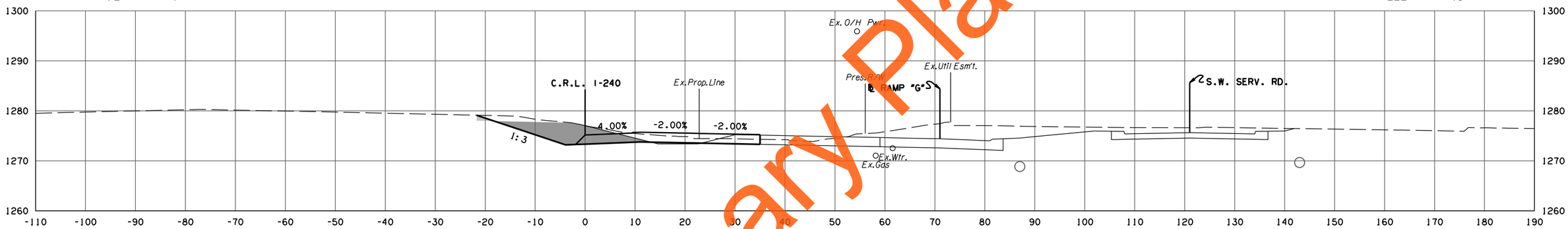
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

72 4 222 10



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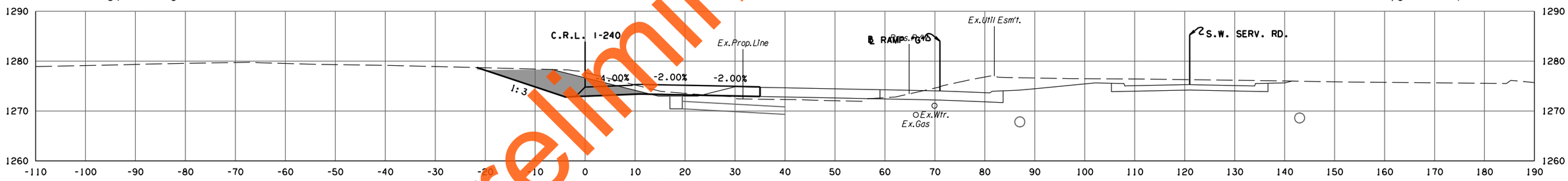
A 409+77.02

84 3 73 1



F.G. ELEV. = 1275.34

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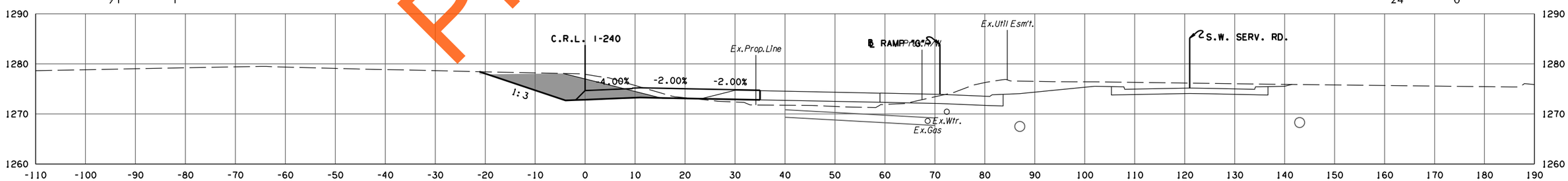
91 1 24 0



F.G. ELEV. = 1275.22

A 408+77.32

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X024

Preliminary Plans

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

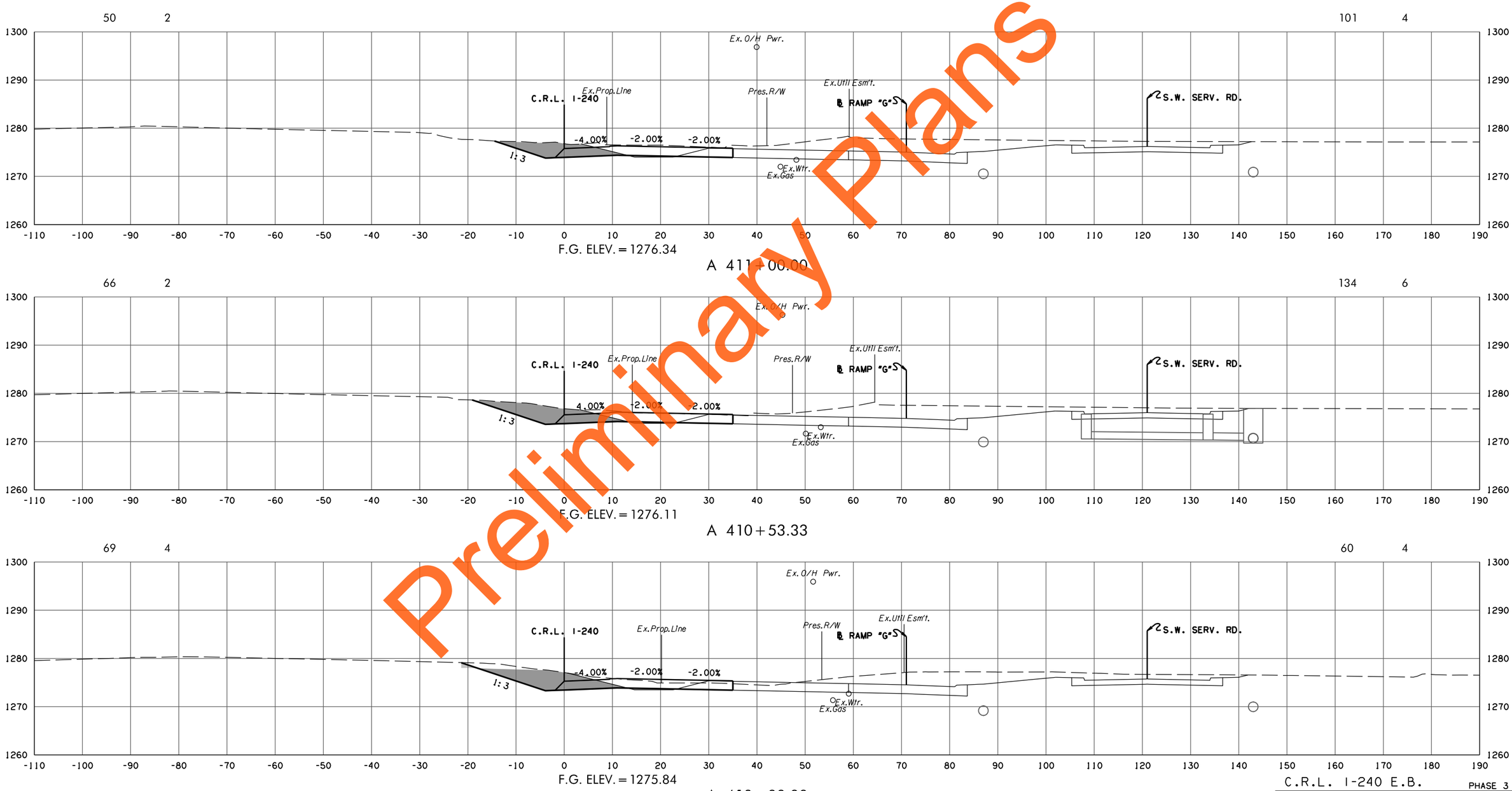
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X025

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R/W & U/E PURCHASED UNDER JP 09032(05)

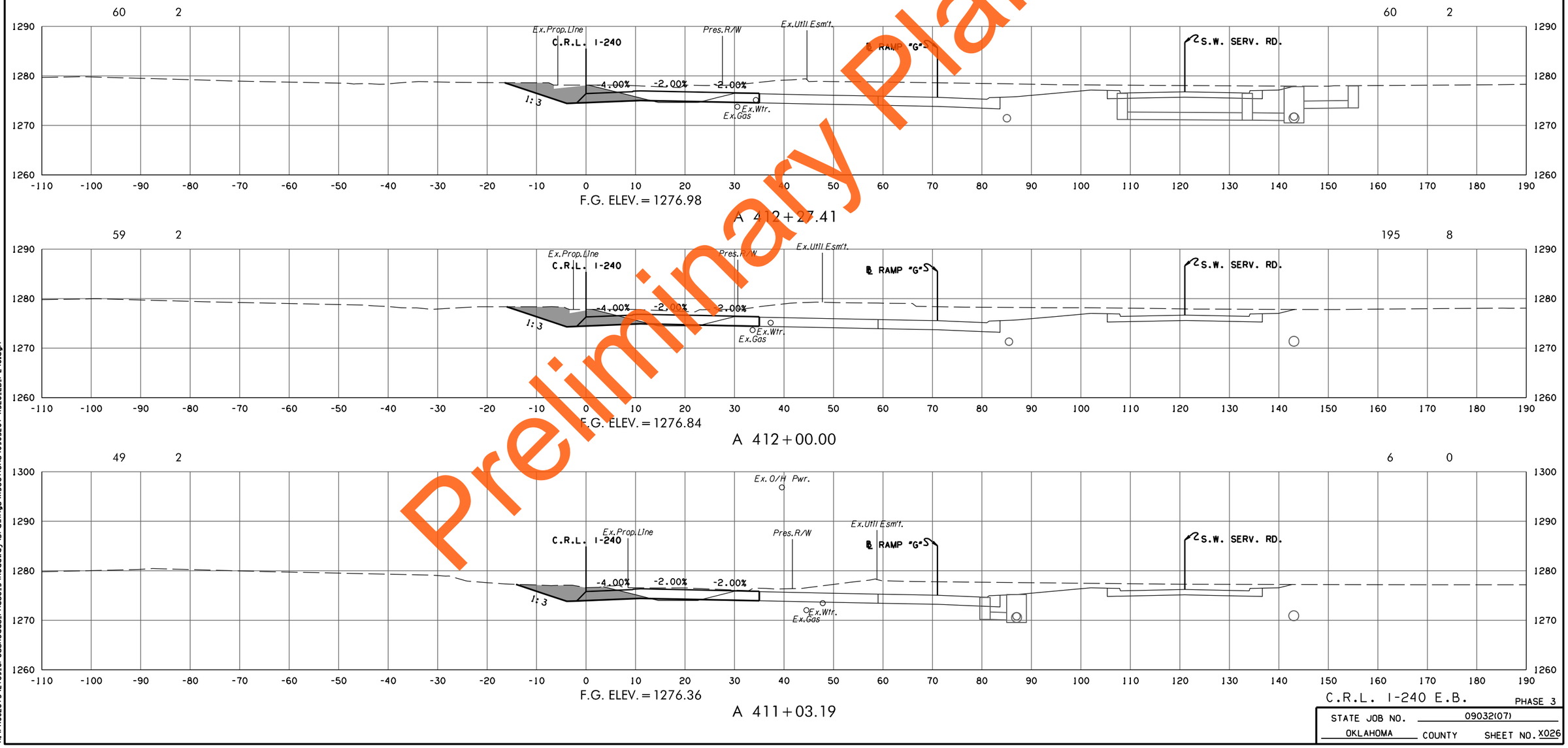
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X026

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X027

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

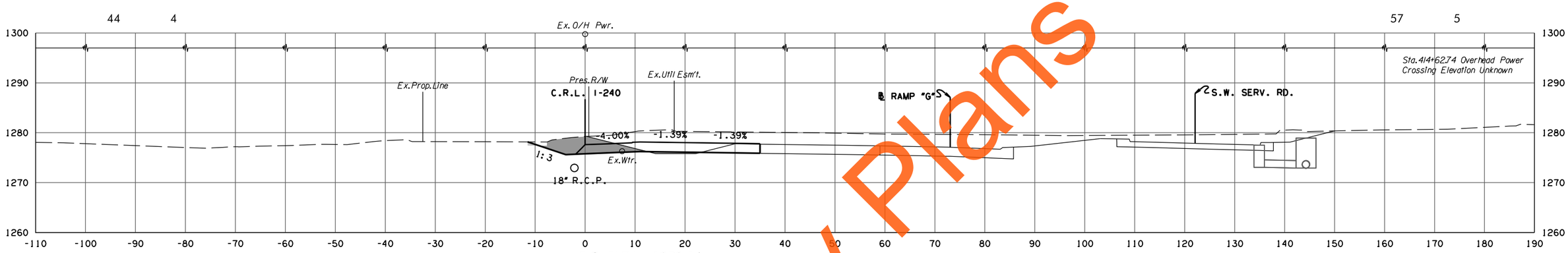
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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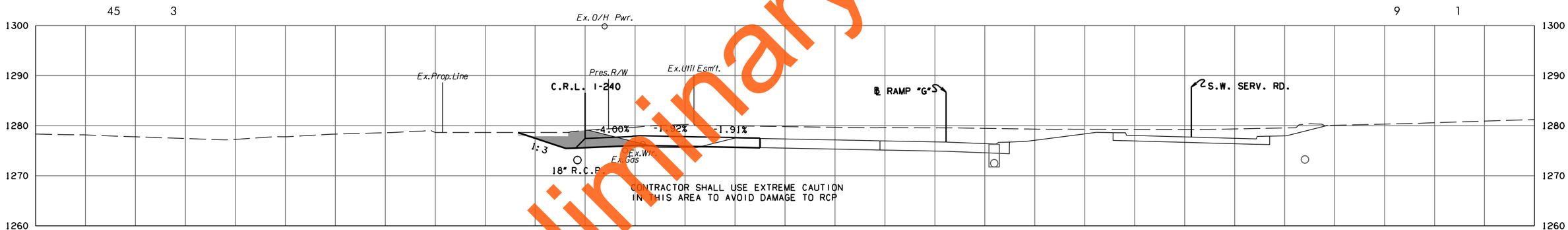
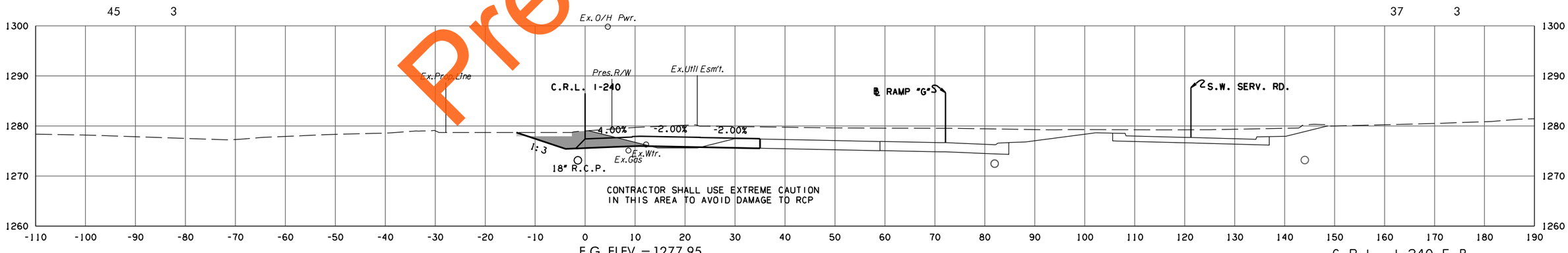


F.G. ELEV. = 1277.98

A 414+27.96



F.G. ELEV. = 1277.95

A 414+22.26
BEGIN SUPER ROTATION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X028

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

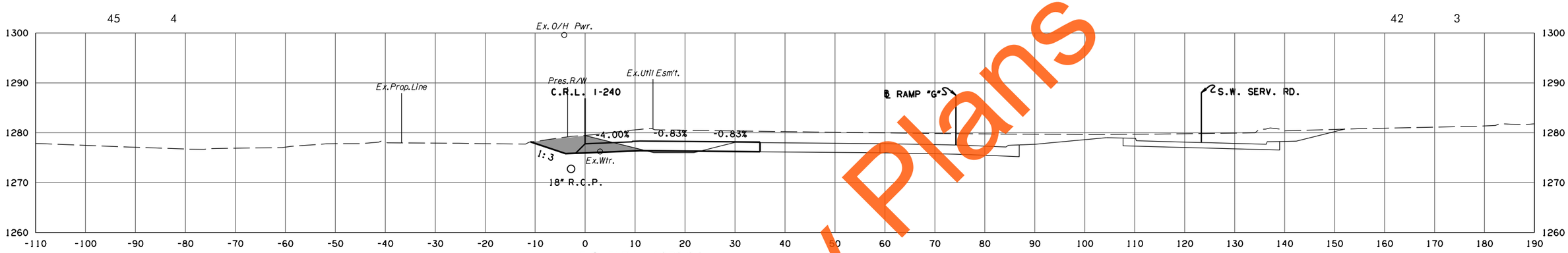
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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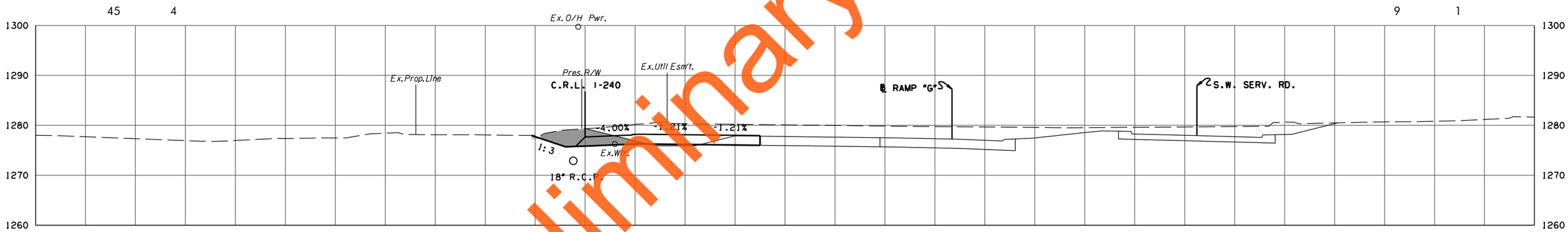
A 415+00.00



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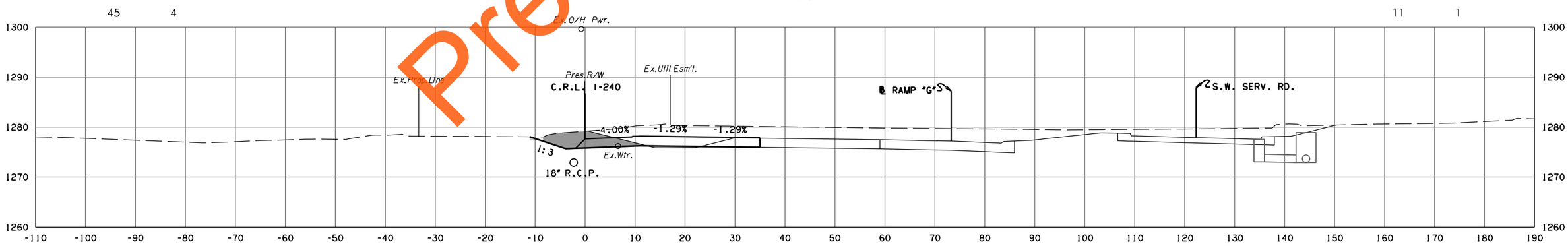
A 414+75.00



F.G. ELEV. = 1278.19

A 414+69.65

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X029

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R/W & U/E PURCHASED UNDER JP 09032(05)

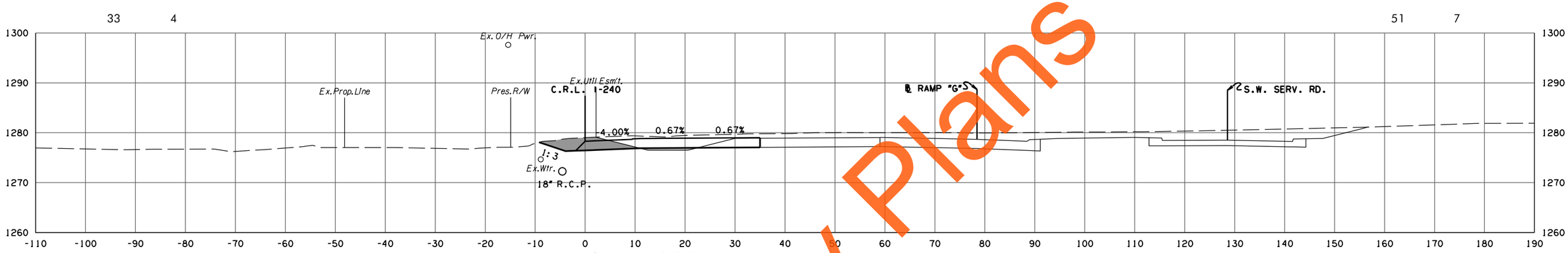
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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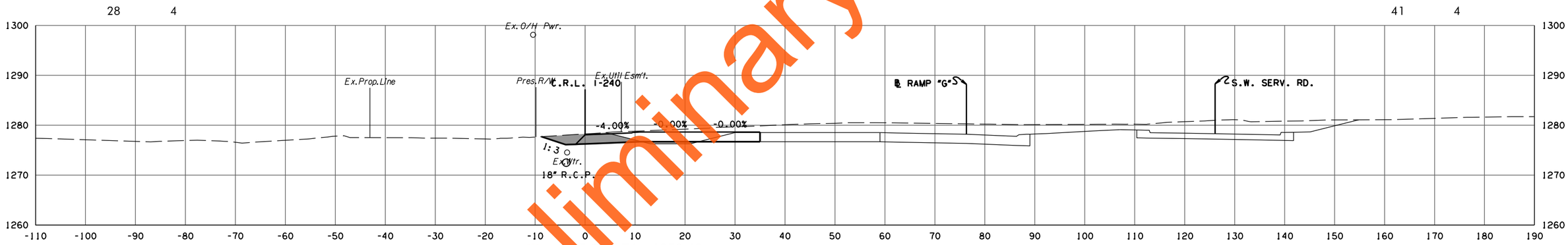
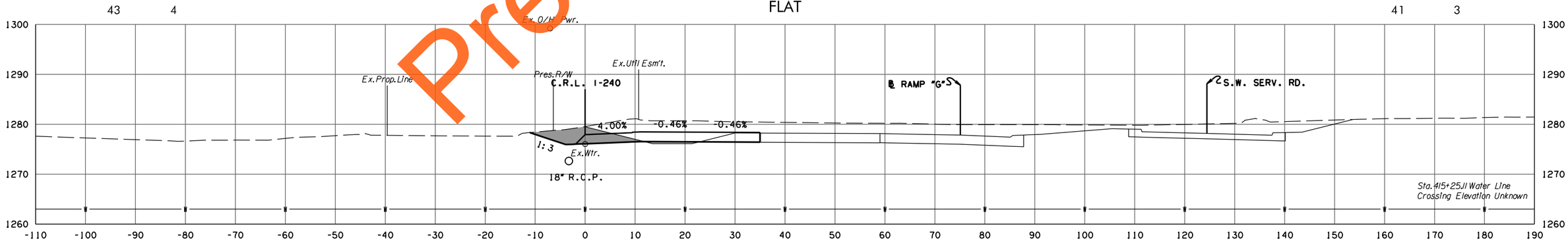


F.G. ELEV. = 1278.62

A 415+55.59
FLAT



F.G. ELEV. = 1278.47

A 415+25.11

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X030

Preliminary Plans

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

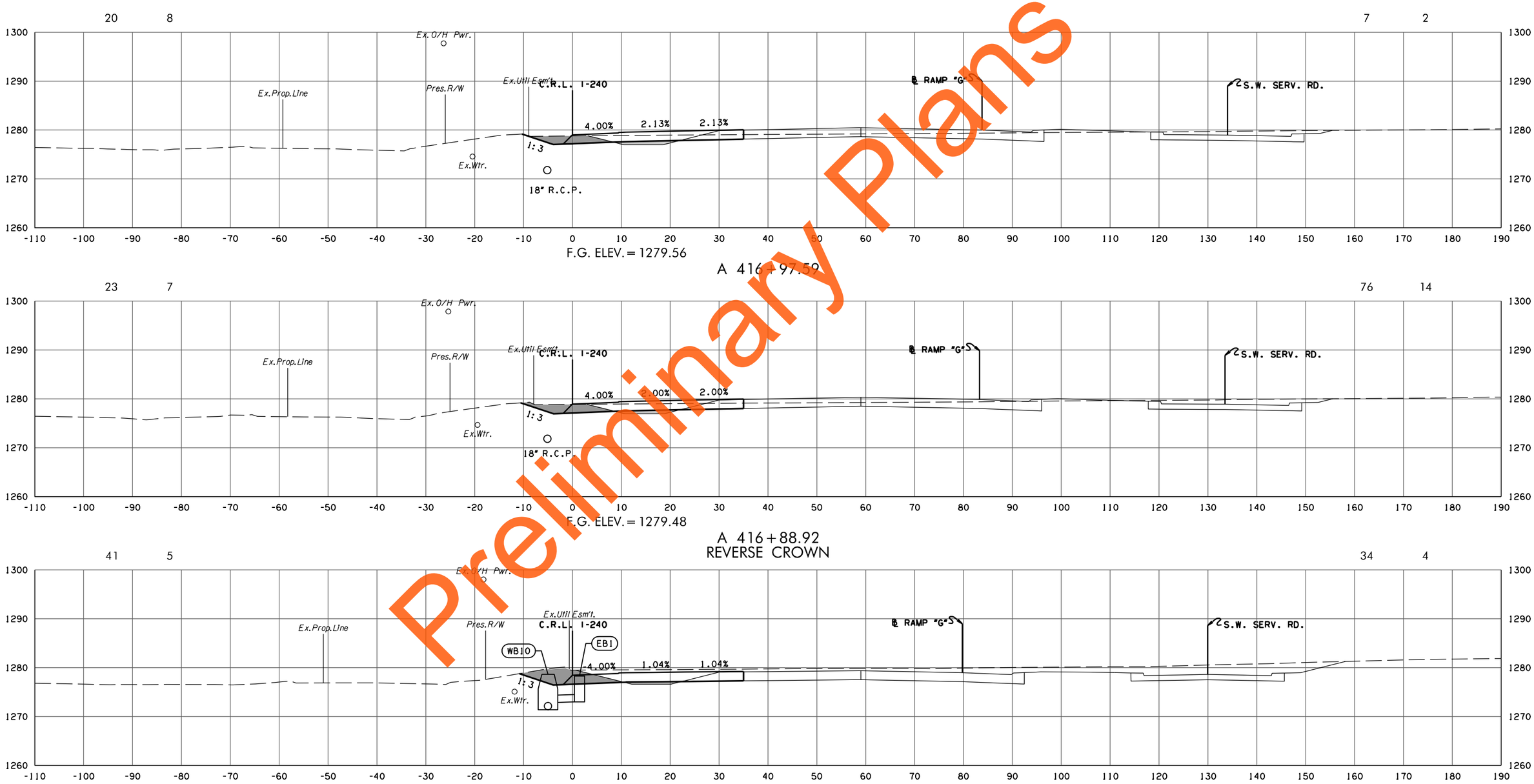
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X031

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R/W & U/E PURCHASED UNDER JP 09032(05)

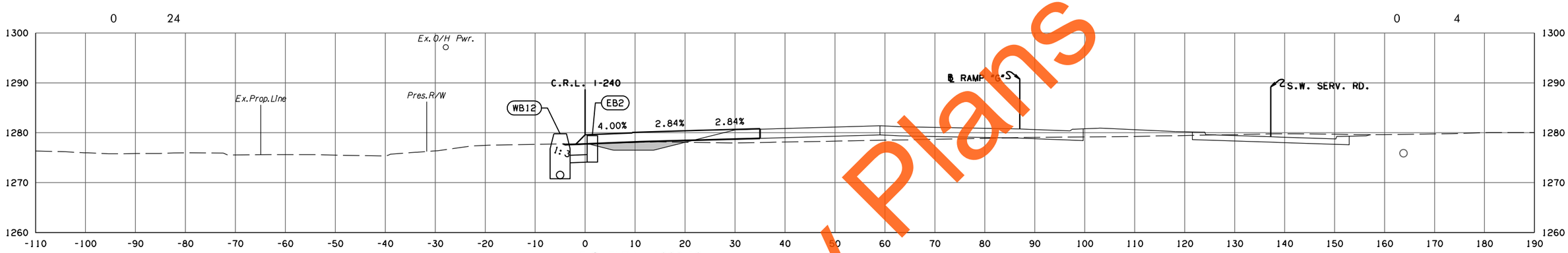
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

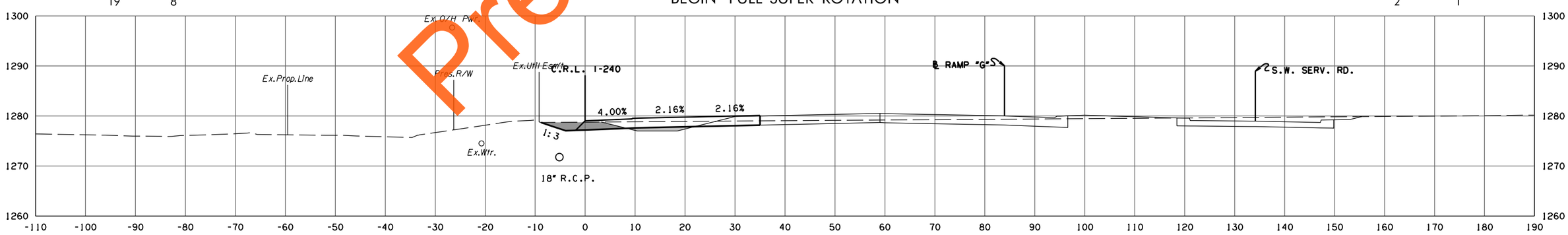


F.G. ELEV. = 1280.13

A 417+50.00

F.G. ELEV. = 1280.07

A 417+44.90
BEGIN FULL SUPER ROTATION



F.G. ELEV. = 1279.59

A 417+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X032

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

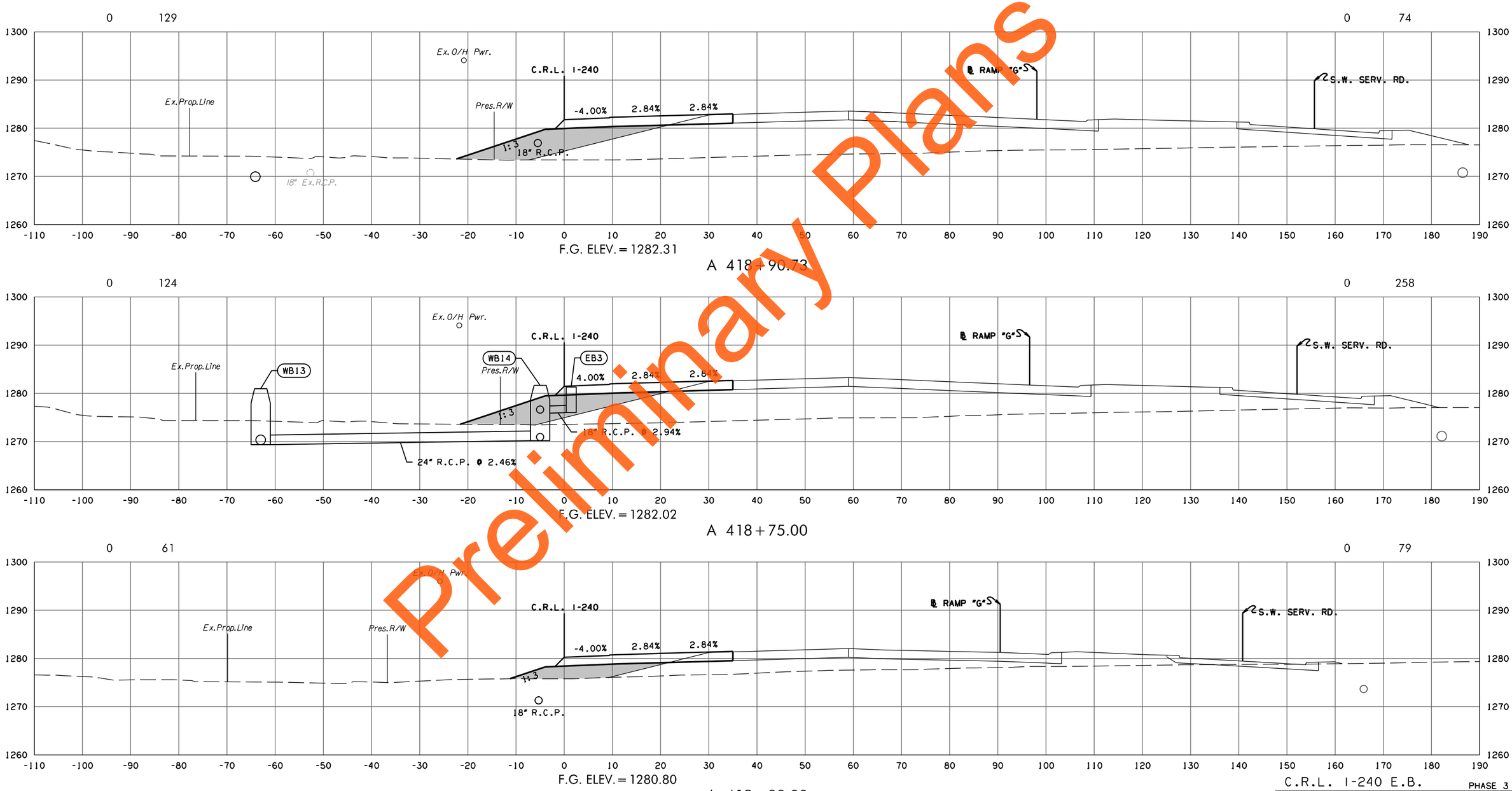
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

STATE JOB NO. 09032(07)
OKLAHOMA COUNTY SHEET NO. X033

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R/W & U/E PURCHASED UNDER JP 09032(05)

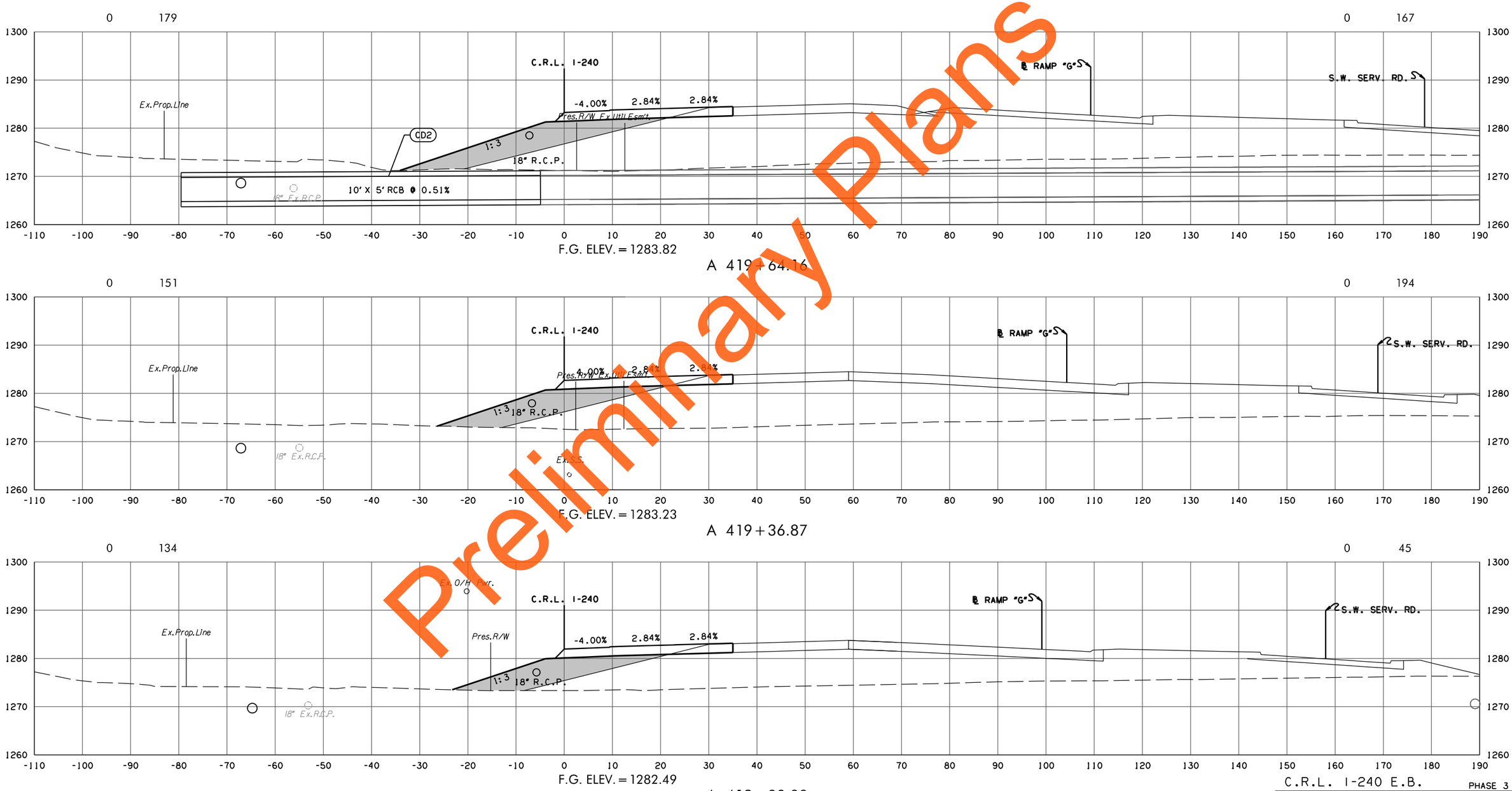
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X034

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

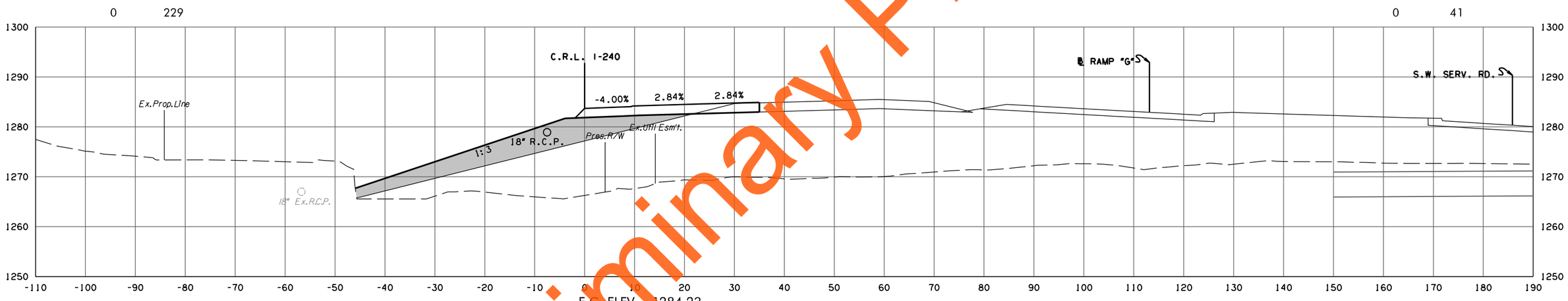
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

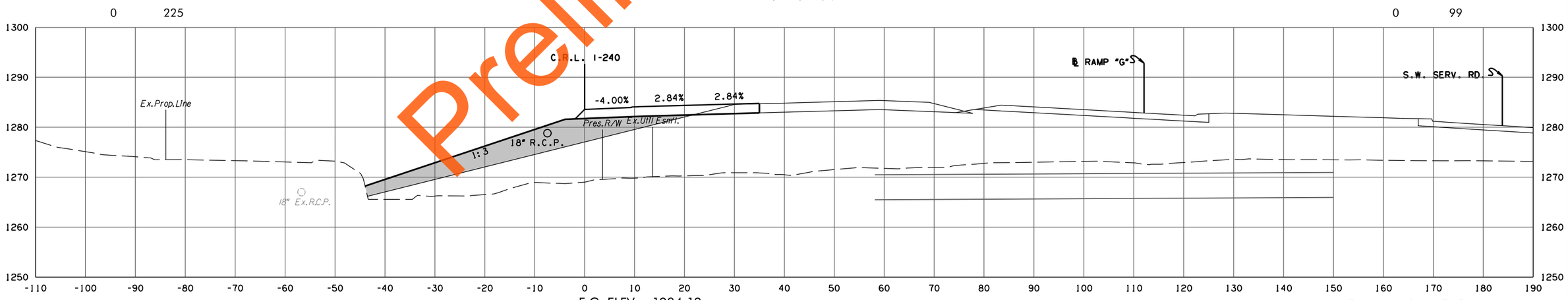
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1284.23

A 419+82.30



F.G. ELEV. = 1284.12

A 419+77.41

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X035

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

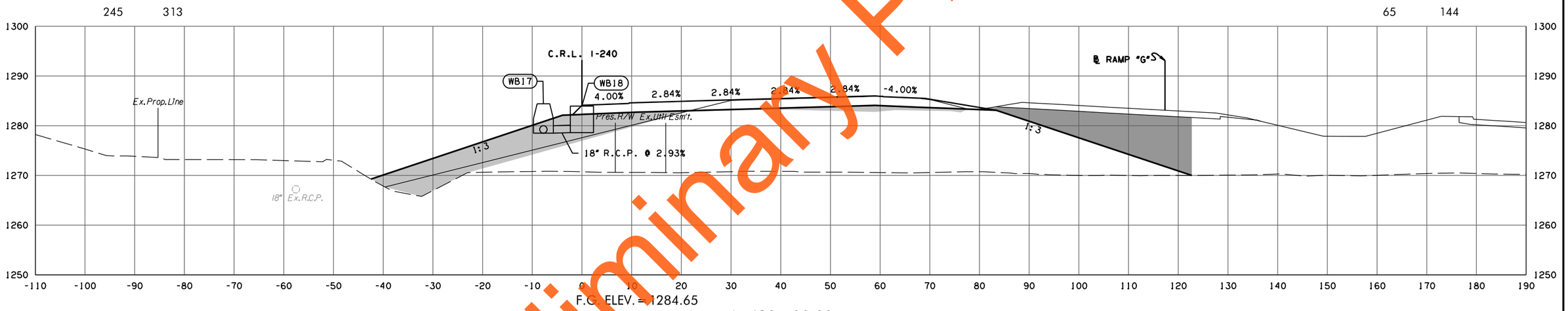
6/28/2023

AREA

CUT FILL

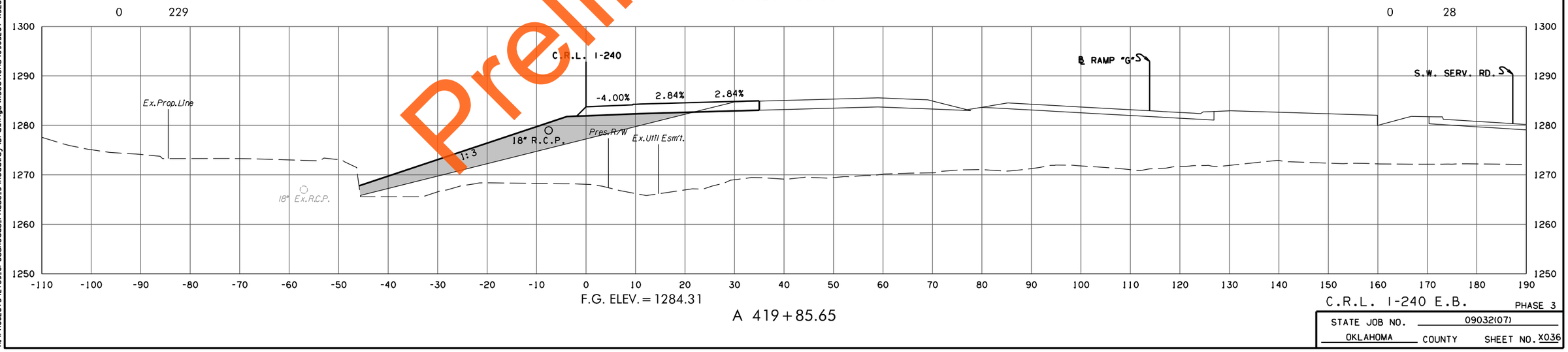
VOLUME

CUT FILL



F.G. ELEV. = 1284.65

A 420+00.00



F.G. ELEV. = 1284.31

A 419+85.65

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X036

Preliminary Plans

6/28/2023 2:42:40 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

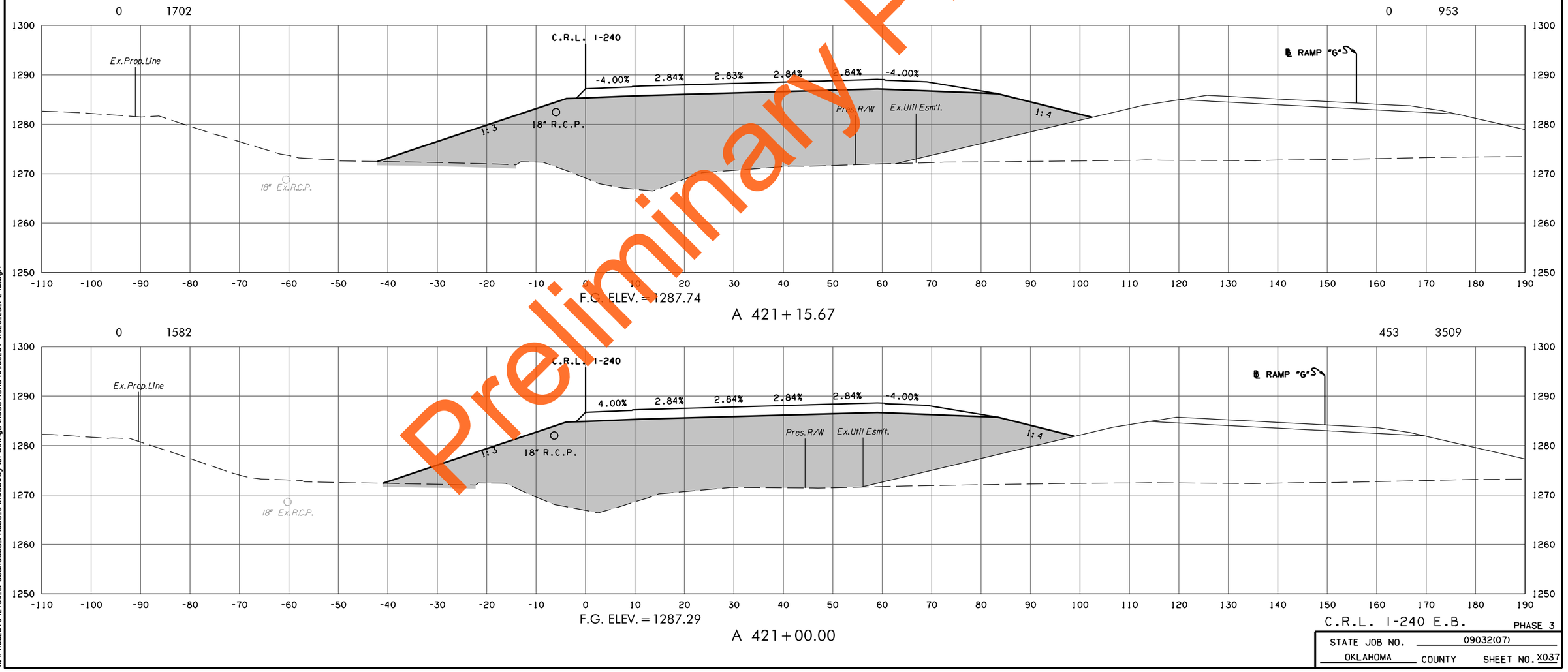
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X037

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

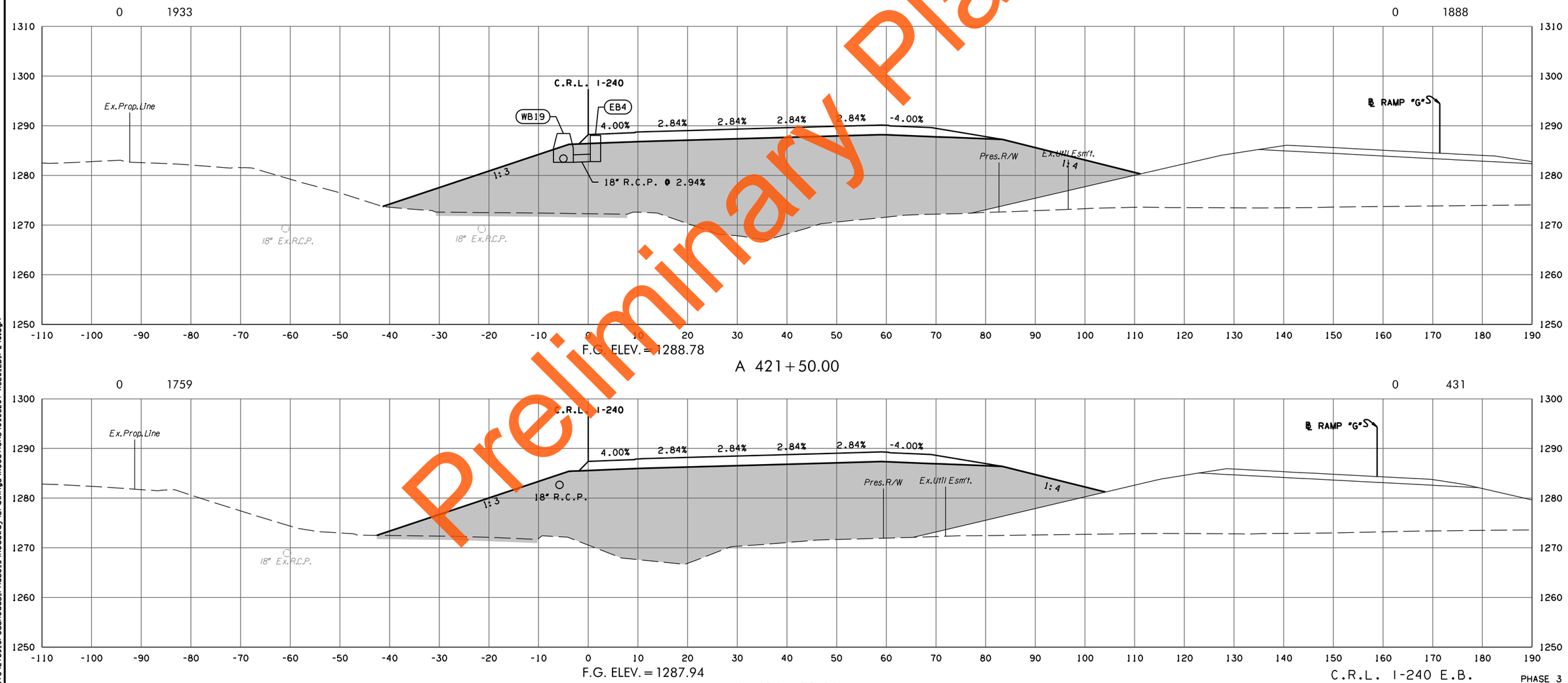
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X038

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

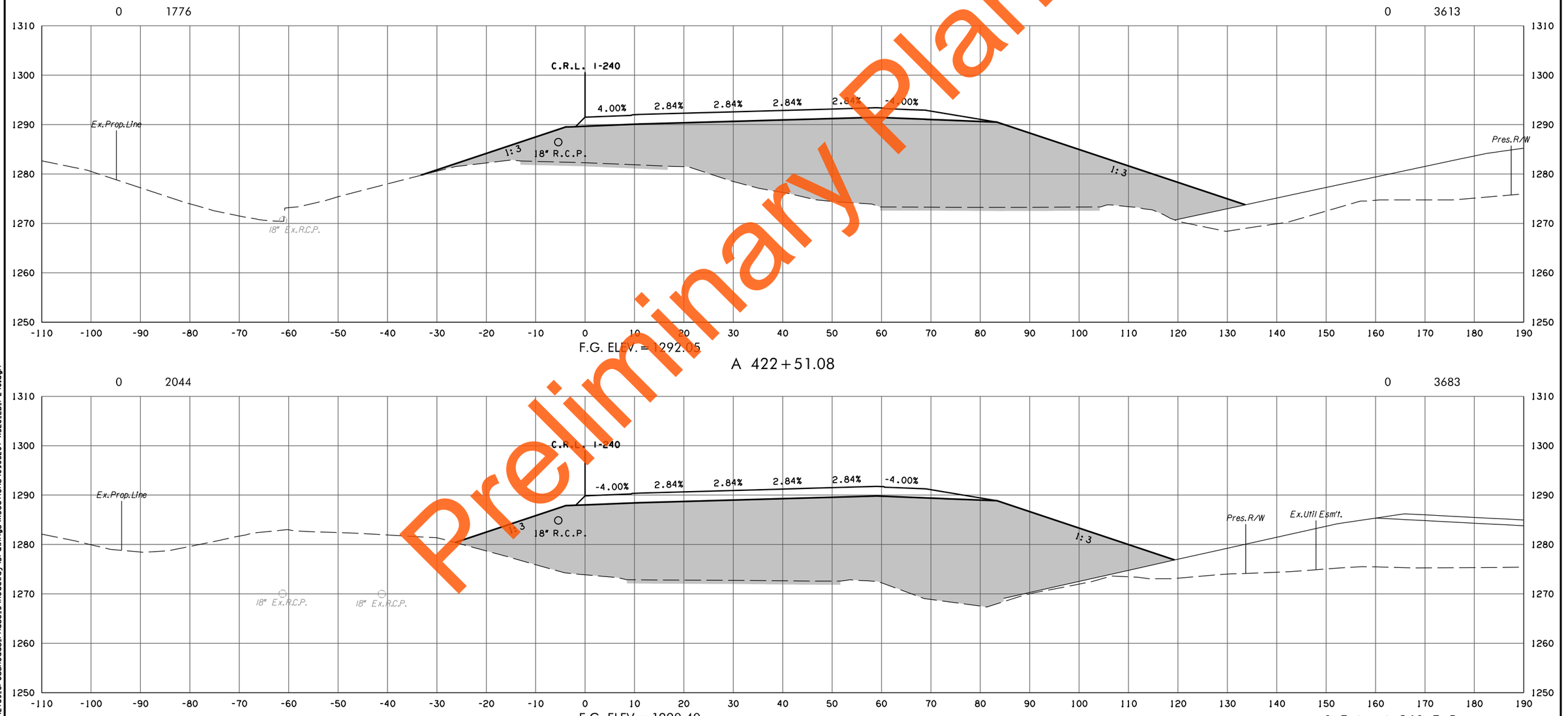
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X039

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

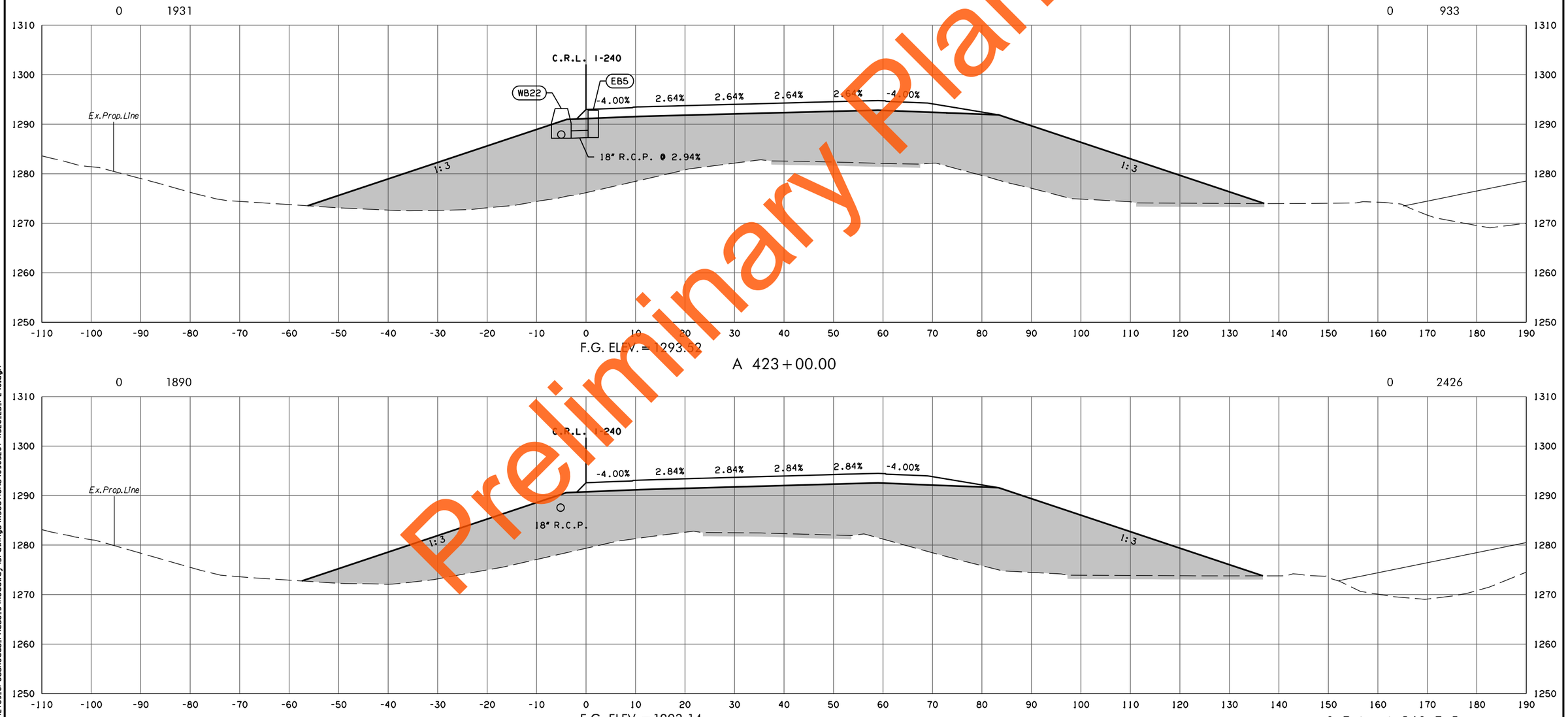
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1293.52

A 423+00.00

F.G. ELEV. = 1293.14

A 422+86.82
END FULL SUPER ROTATION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X040

6/28/2023 2:42:46 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

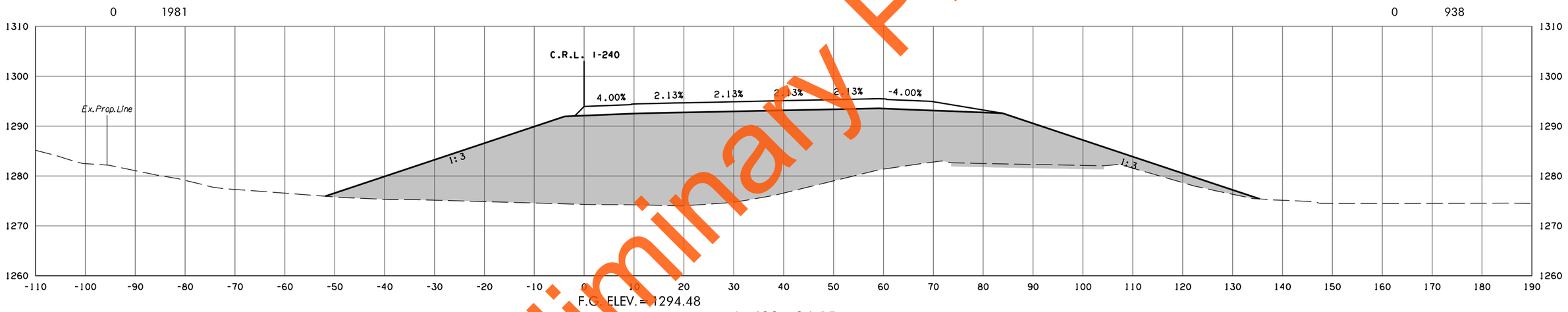
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

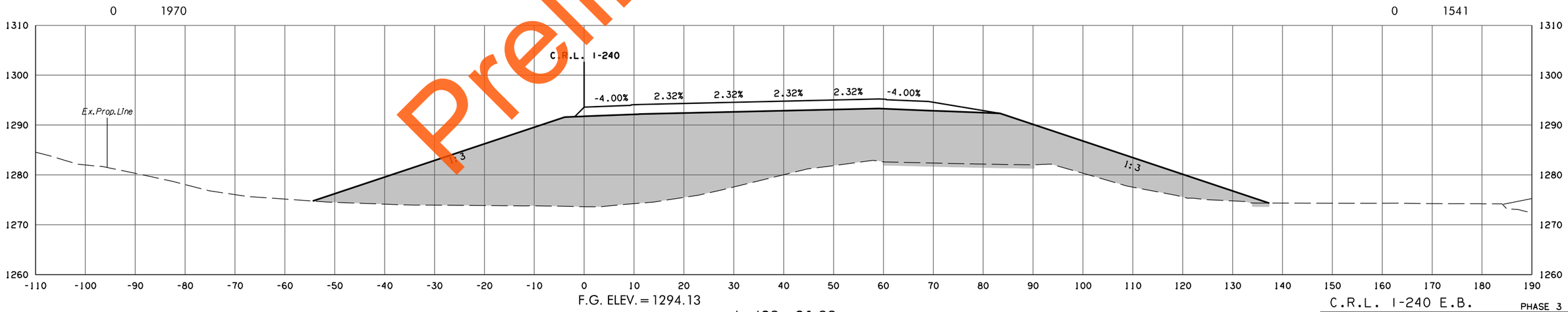
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1294.48

A 423+34.15



F.G. ELEV. = 1294.13

A 423+21.33

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X041

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

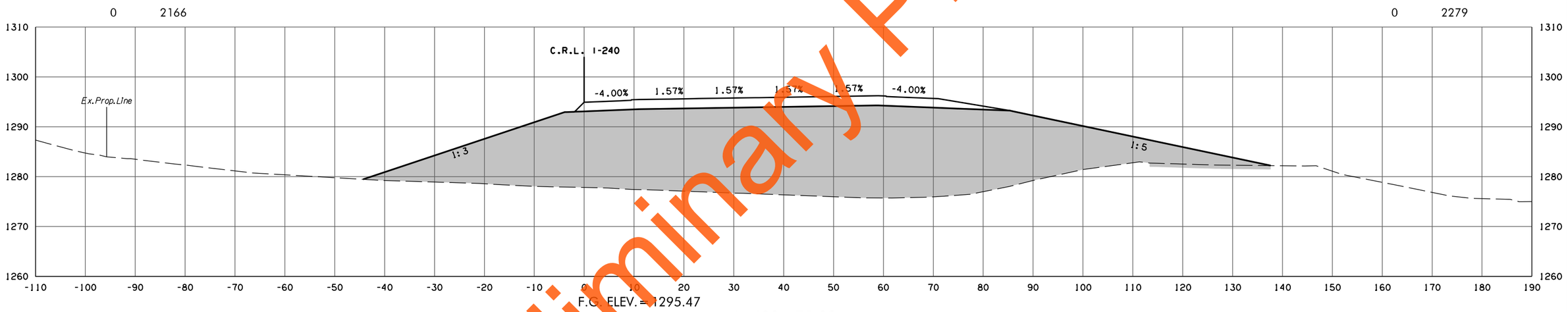
90% PLAN SUBMITTAL

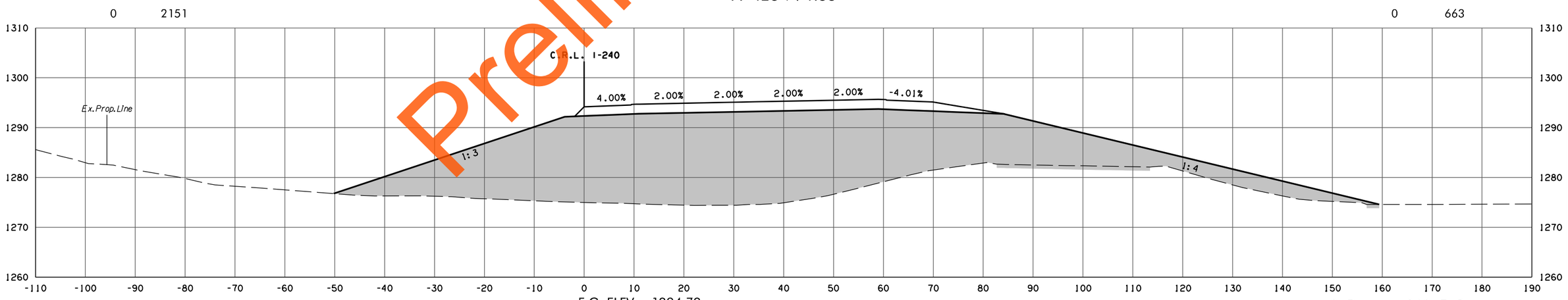
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans





PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X042

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

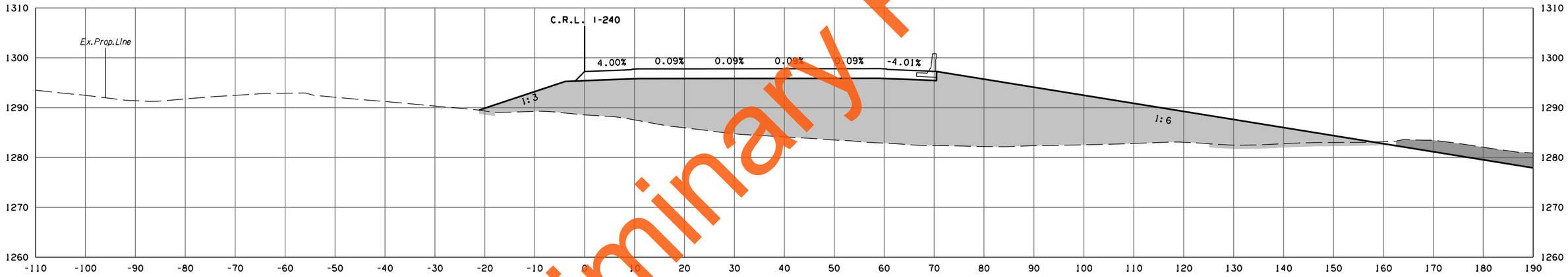
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

64 1538

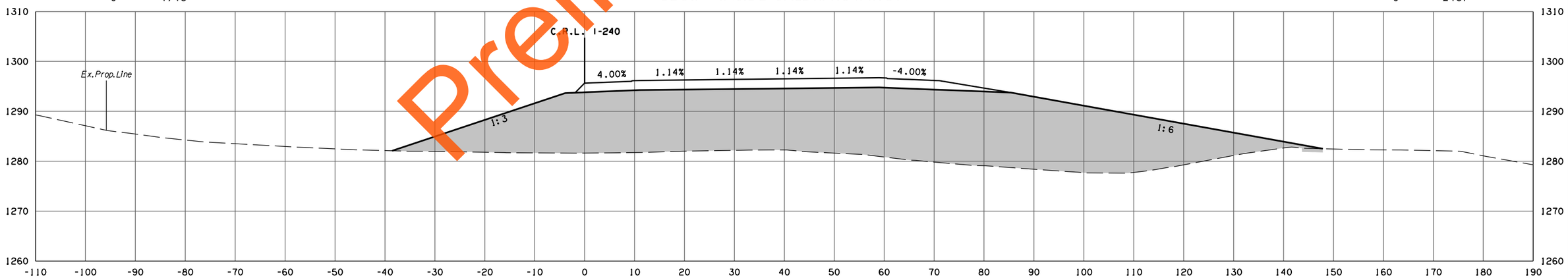


F.G. ELEV. = 1297.79

A 424+70.33
BEGIN INSIDE SHLDR. ROTATION

84 4499

0 1916



F.G. ELEV. = 1296.18

A 424+00.00

0 2167

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X043

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

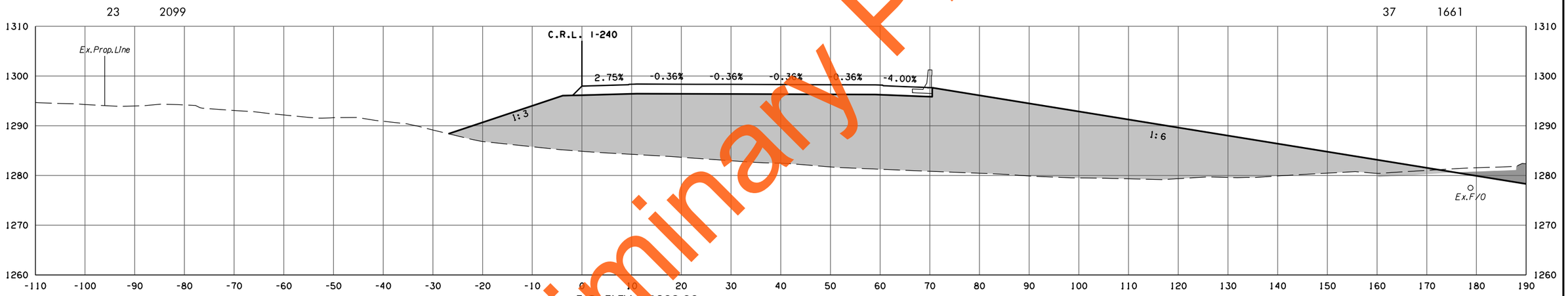
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

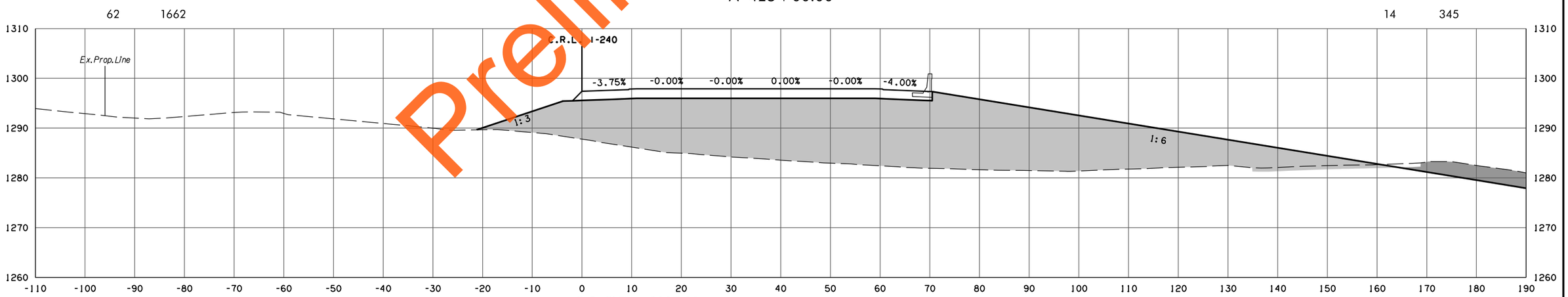
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1298.39

A 425+00.00



F.G. ELEV. = 1297.91

A 424+76.15
FLAT

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X044

6/28/2023 2:42:51 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

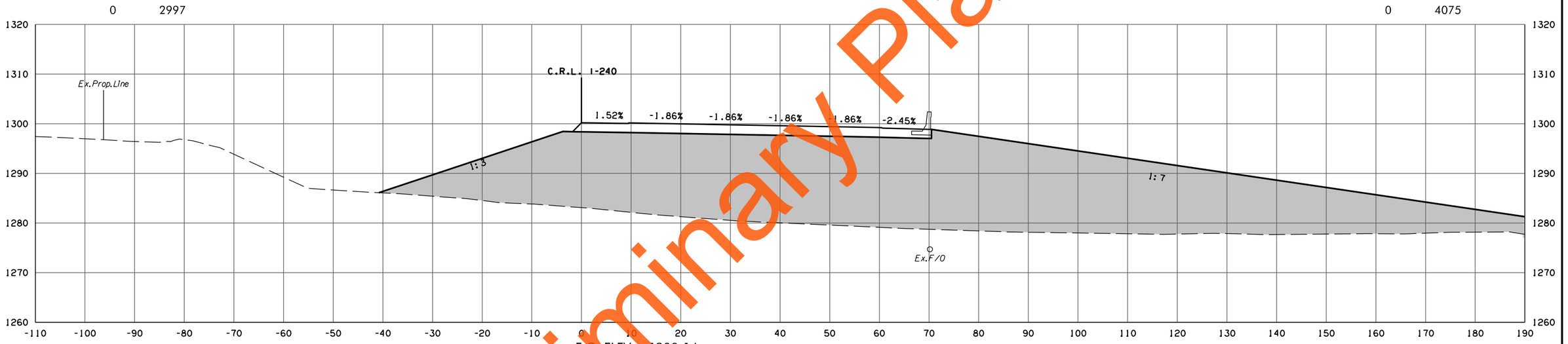
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

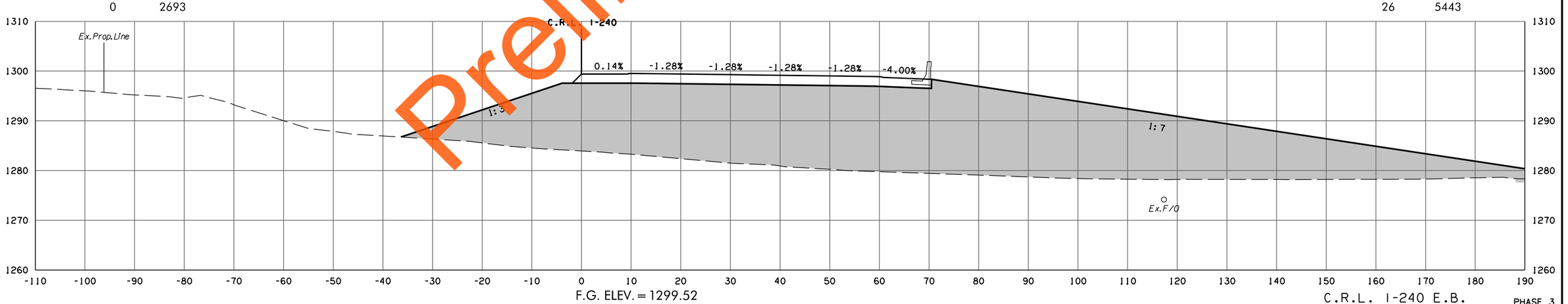
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1300.14

A 426+00.00



F.G. ELEV. = 1299.52

A 425+61.33

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X045

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

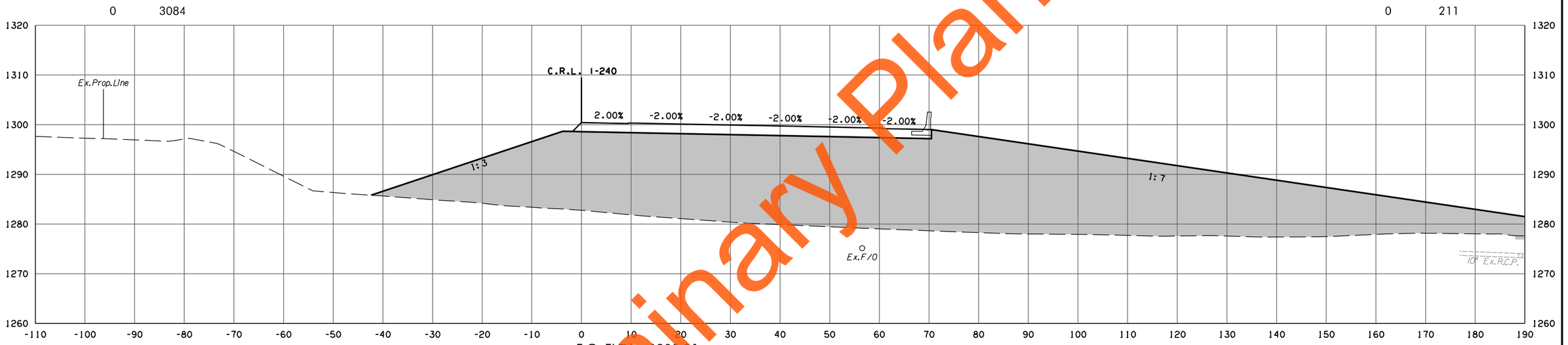
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

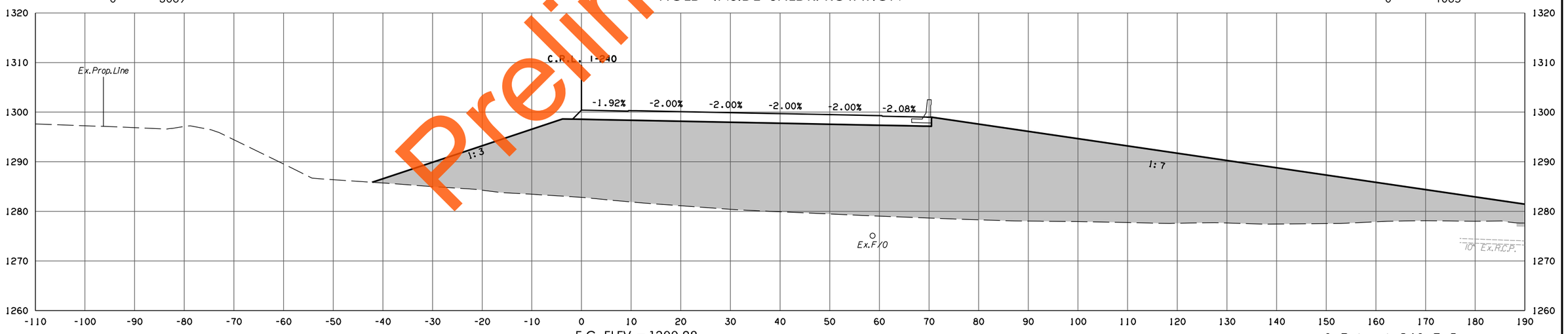
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1300.31

A 426+11.33
HOLD INSIDE SHLDR. ROTATION



F.G. ELEV. = 1300.28

A 426+09.48
END FULL SUPER ROTATION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X046

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

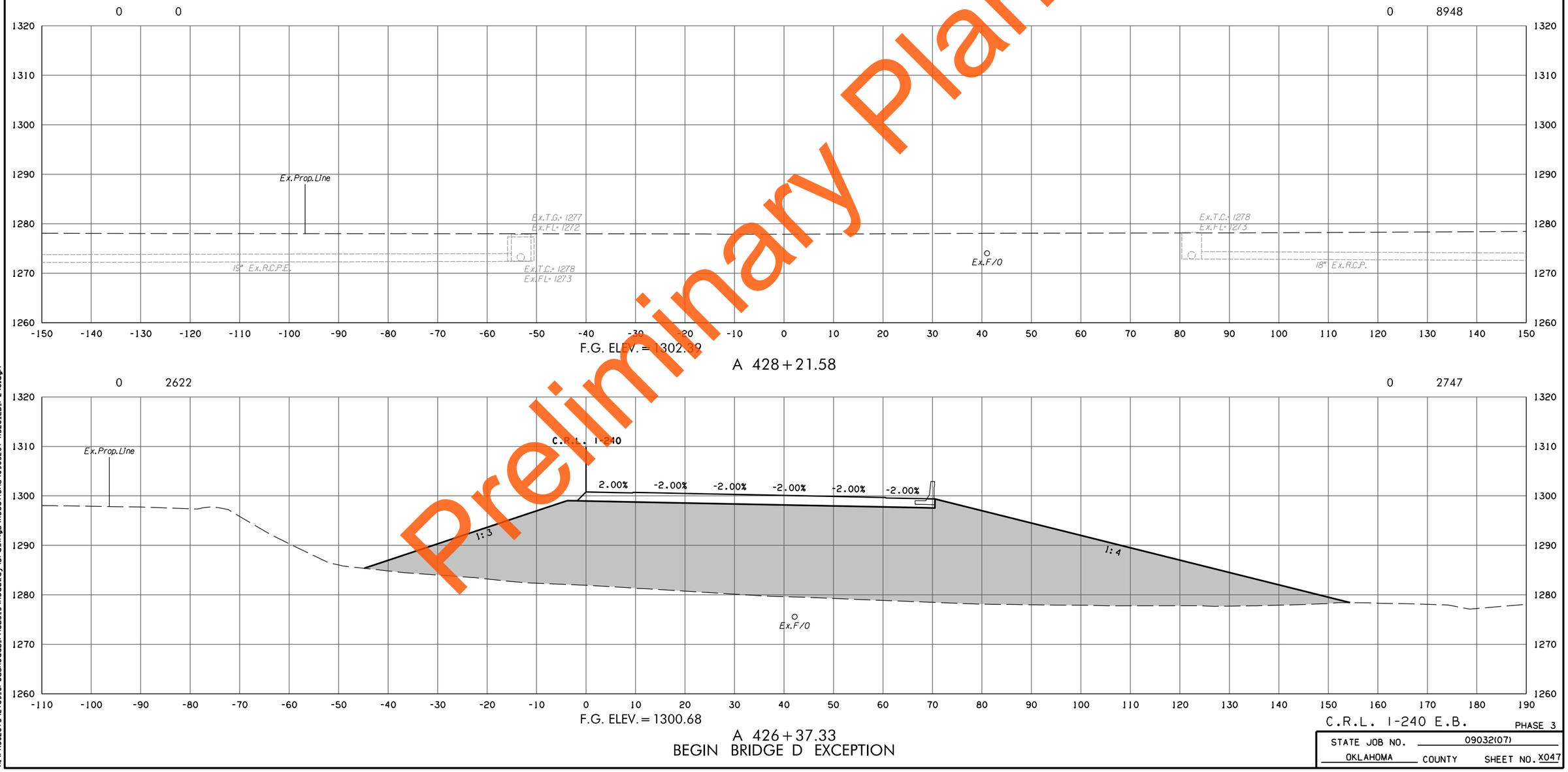
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X047

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

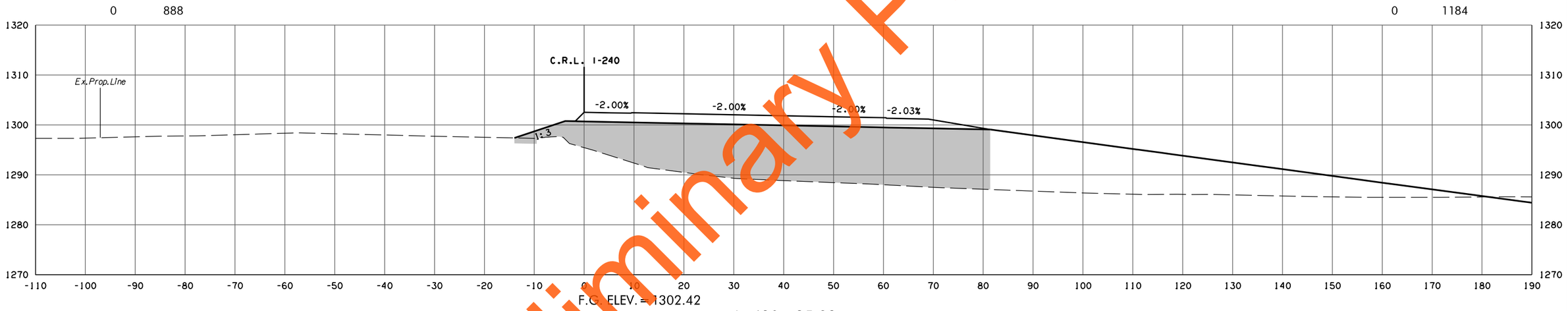
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

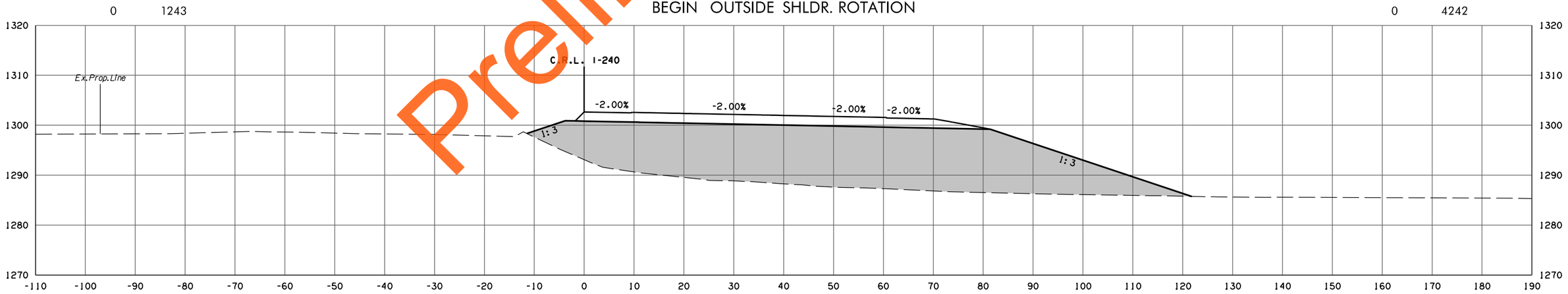
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1302.42

A 430+35.83
BEGIN OUTSIDE SHLDR. ROTATION



F.G. ELEV. = 1302.54

A 430+05.83
END BRIDGE D EXCEPTION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X048

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

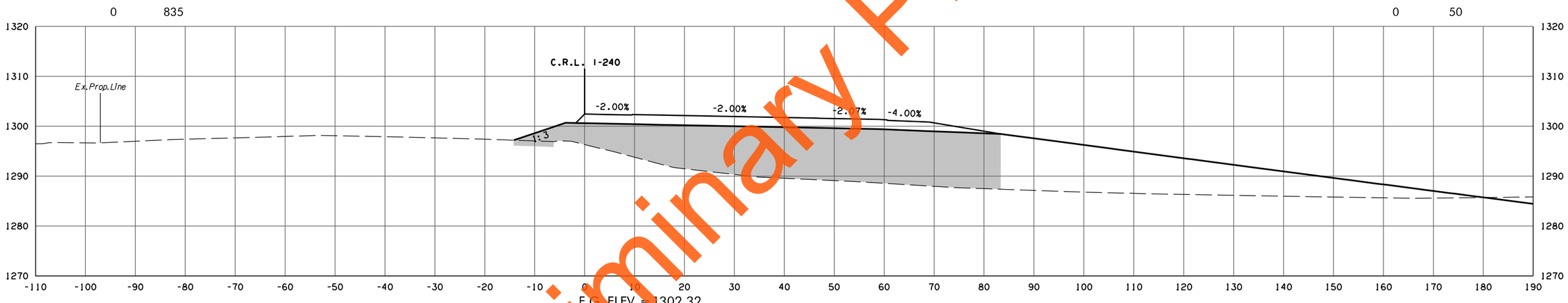
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1302.32

A 430+55.83
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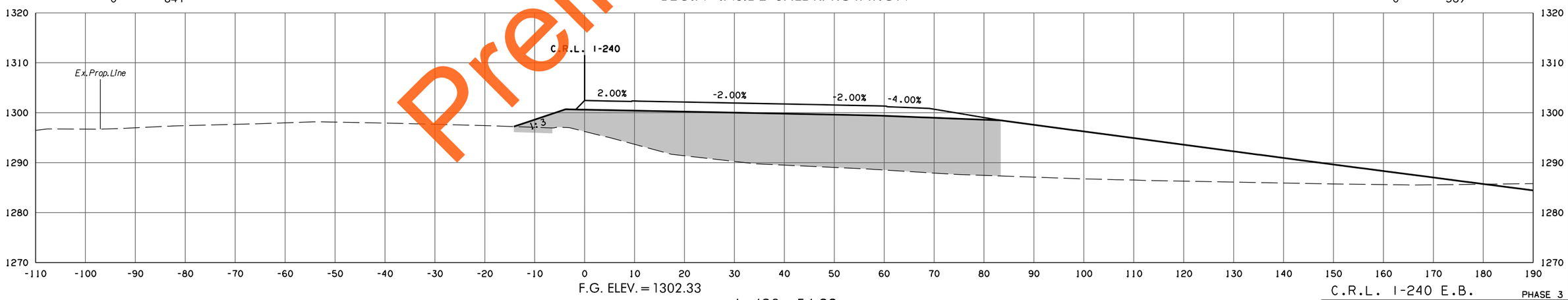

F.G. ELEV. = 1302.33

A 430+54.22
BEGIN SUPER ROTATION OUTSIDE LANE

END OUTSIDE SHLDR. ROTATION

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X049

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DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

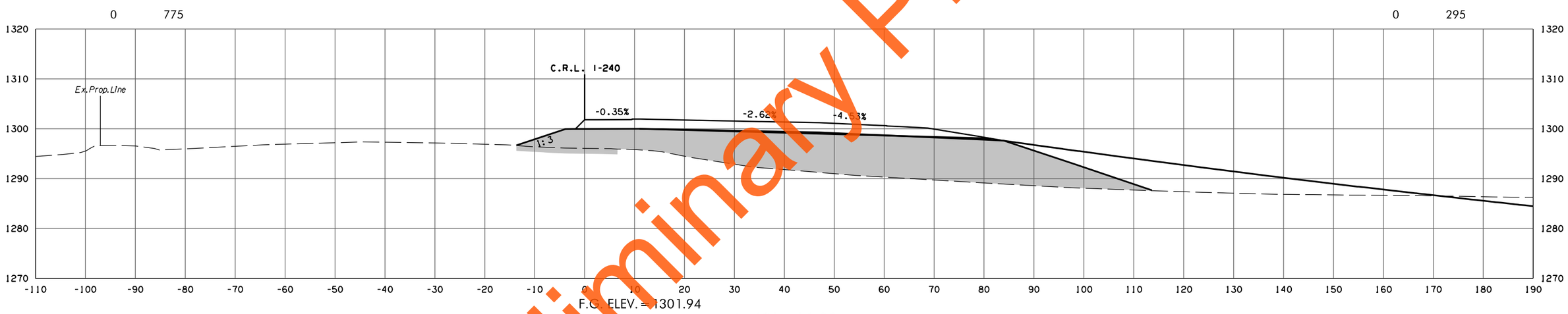
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

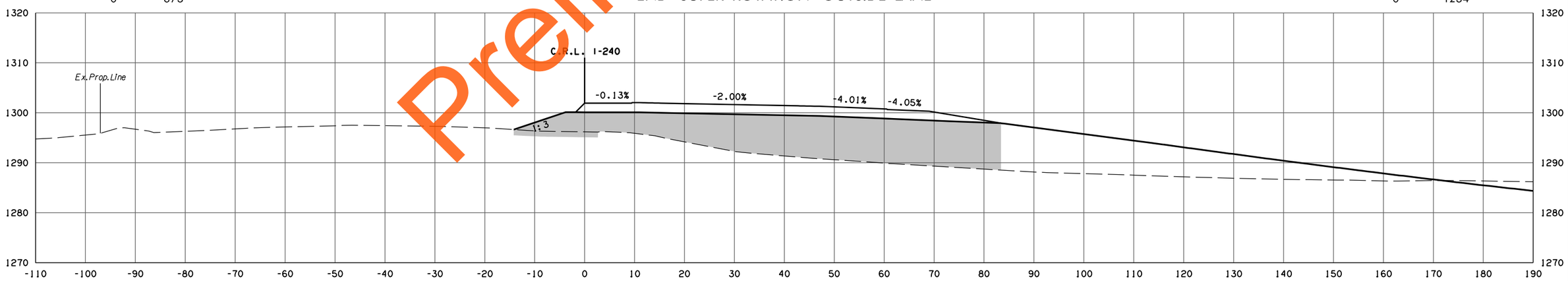
Preliminary Plans



F.G. ELEV. = 1301.94

A 431+11.00

END SUPER ROTATION OUTSIDE LANE



F.G. ELEV. = 1302.03

A 431+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X050

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

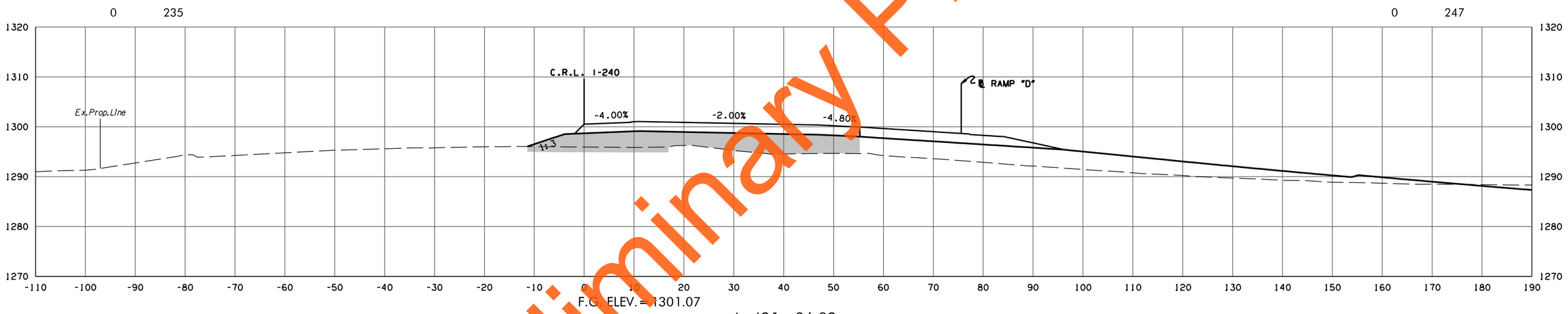
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



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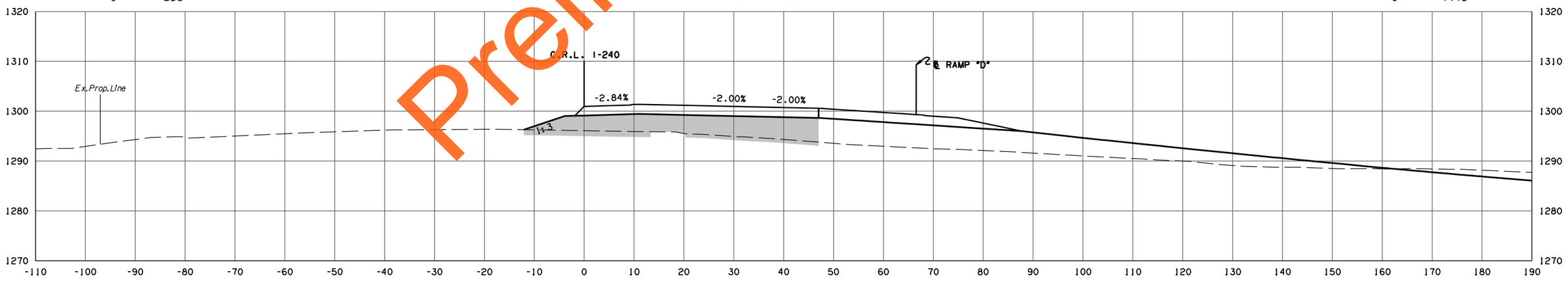

F.G. ELEV. = 1301.38

A 431+69.56

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X051

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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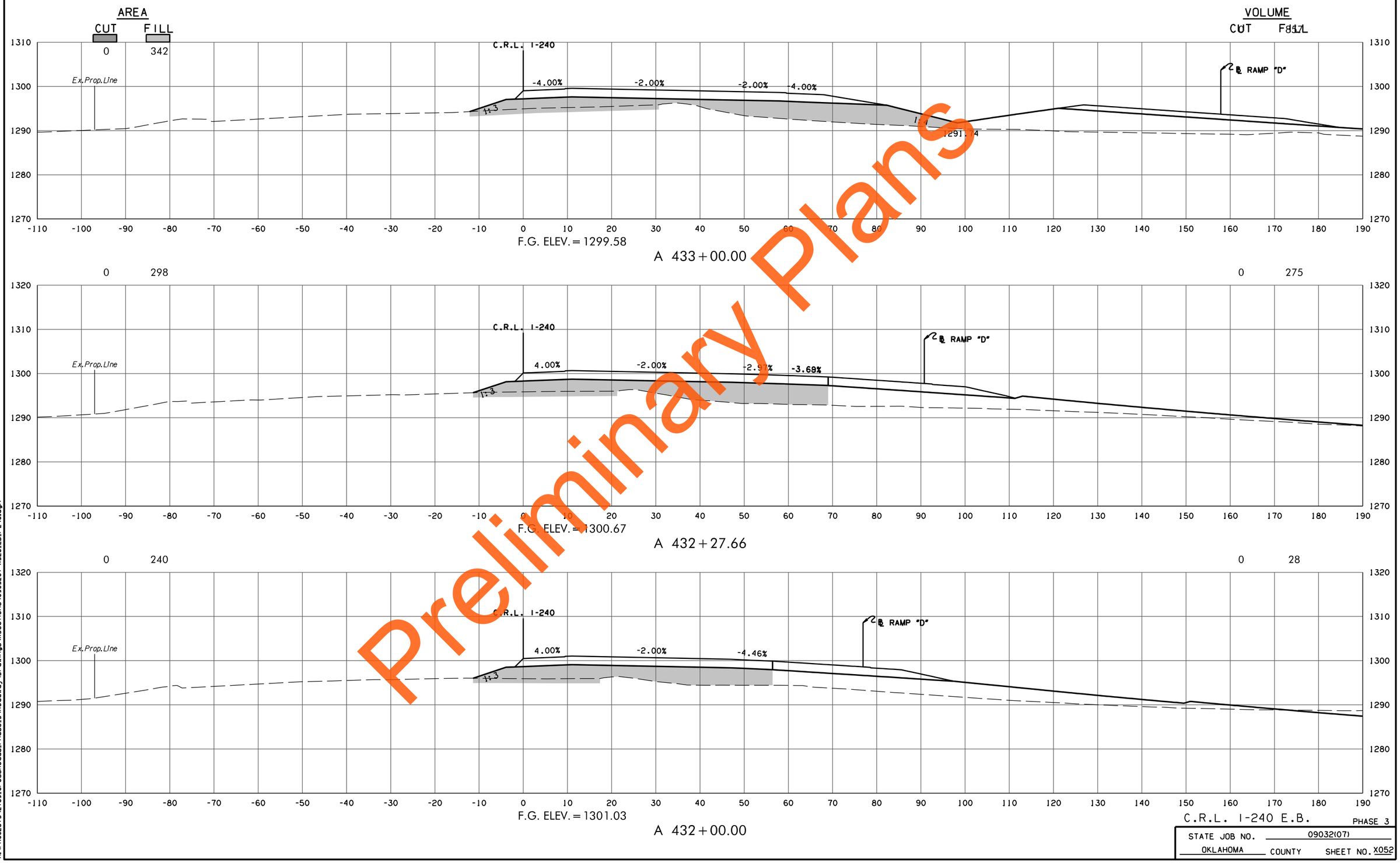
R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023



Preliminary Plans

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X052

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

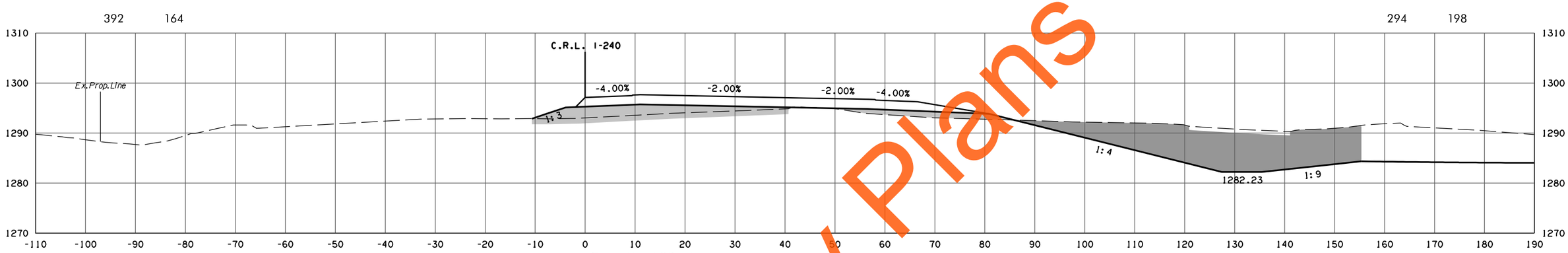
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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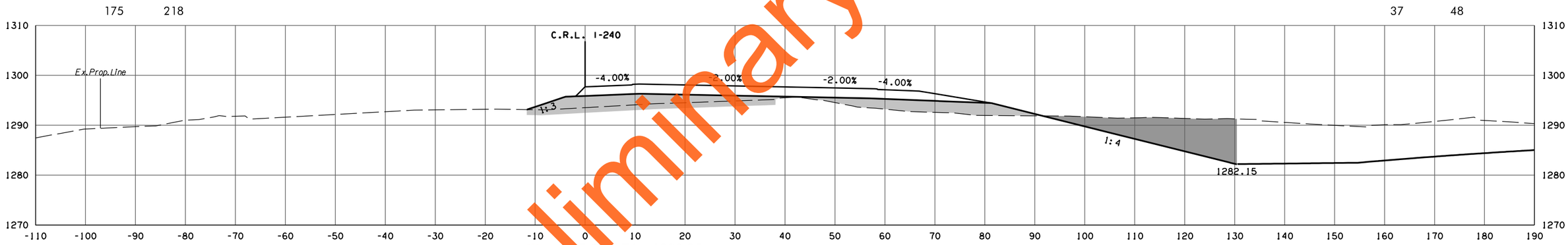
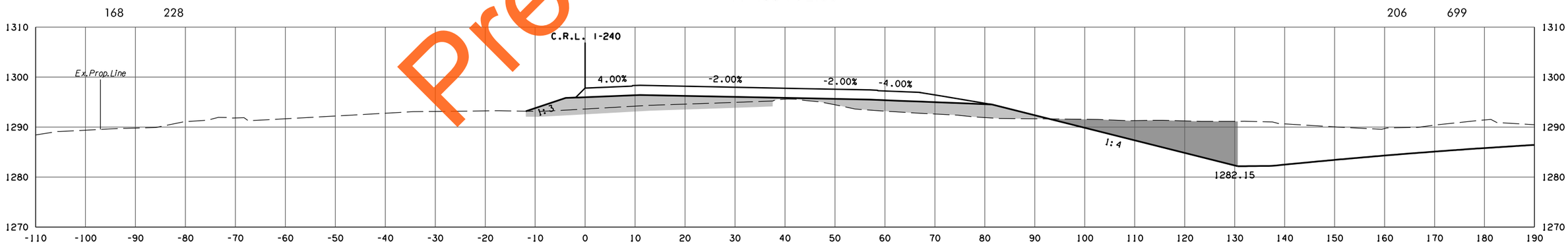
A 434+00.00



F.G. ELEV. = 1298.25

A 433+72.00



F.G. ELEV. = 1298.36

A 433+66.22

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X053

Preliminary Plans

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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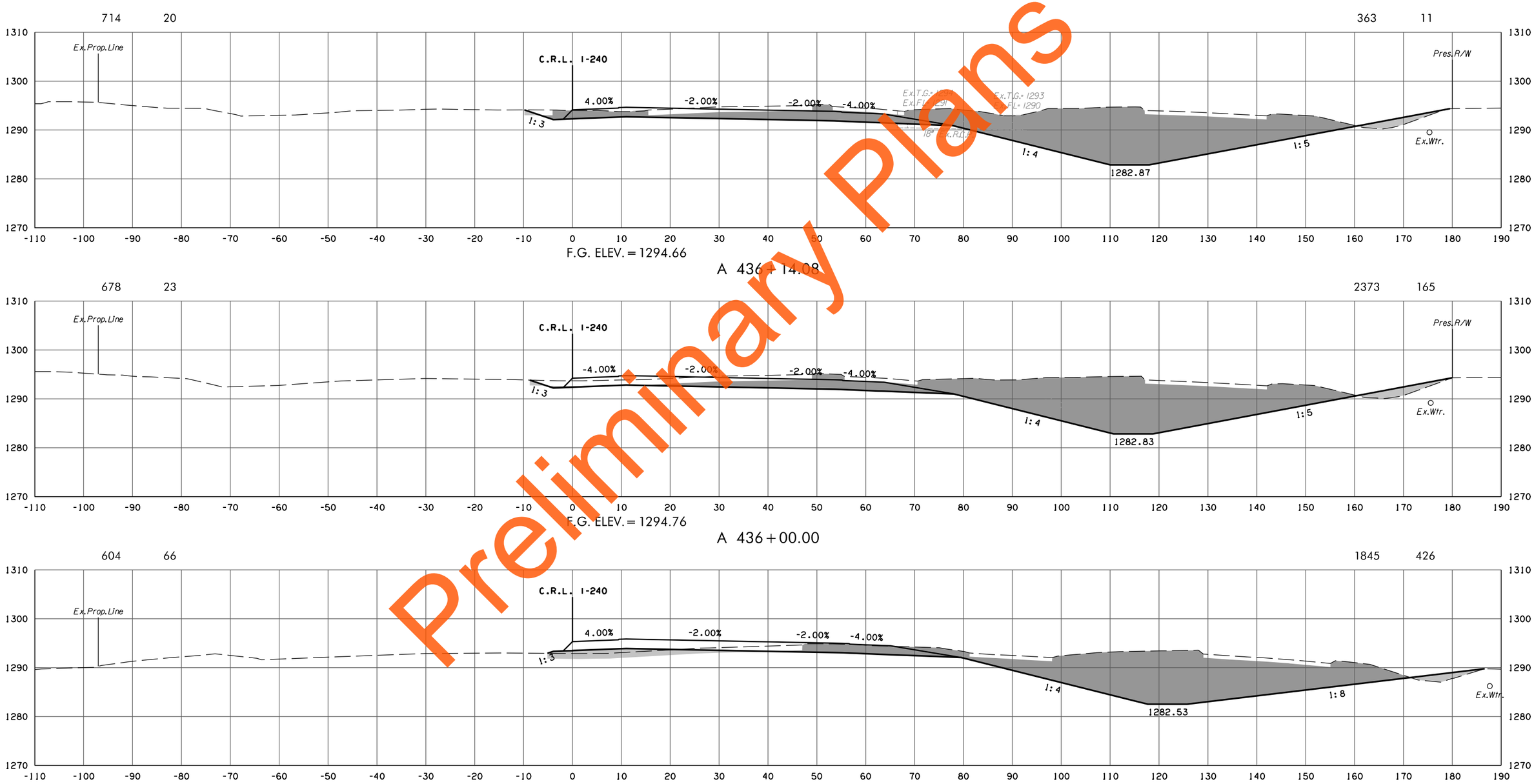
R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

Preliminary Plans



C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X054

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

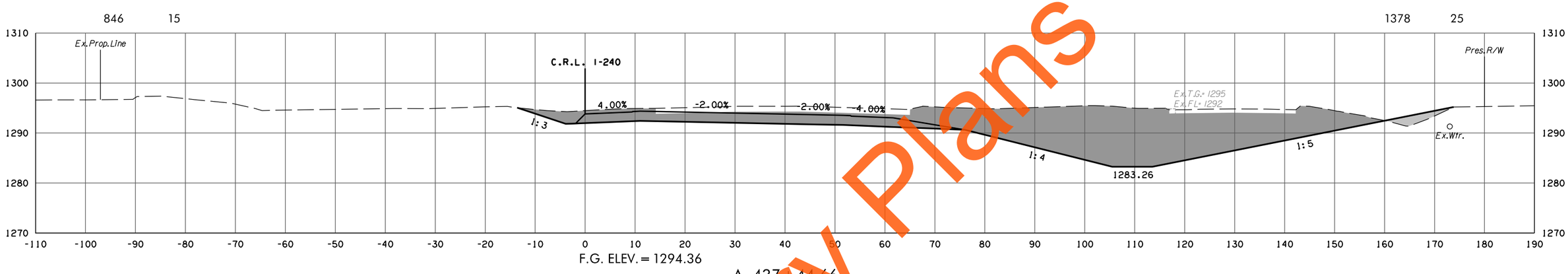
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

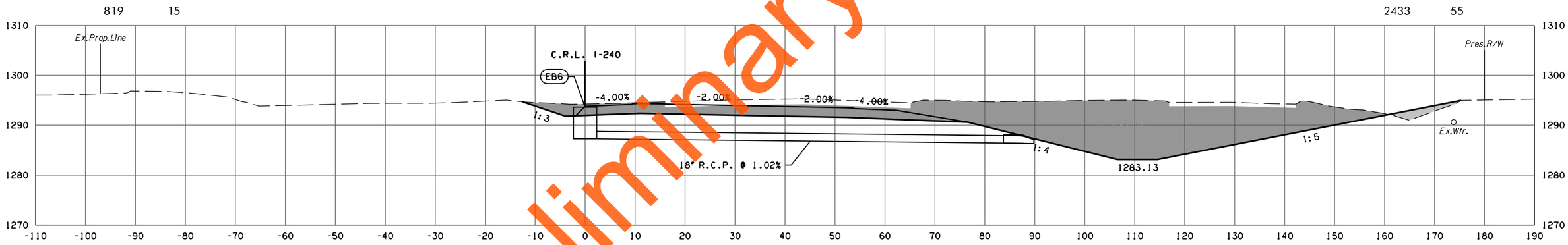
AREA
CUT FILL

VOLUME
CUT FILL



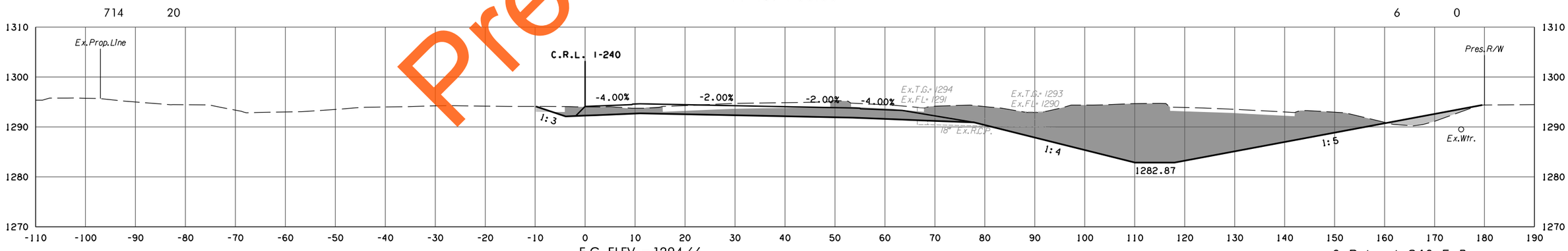
F.G. ELEV. = 1294.36

A 437 + 44.66



F.G. ELEV. = 1294.33

A 437 + 00.00



F.G. ELEV. = 1294.66

A 436 + 14.32

Preliminary Plans

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X055

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

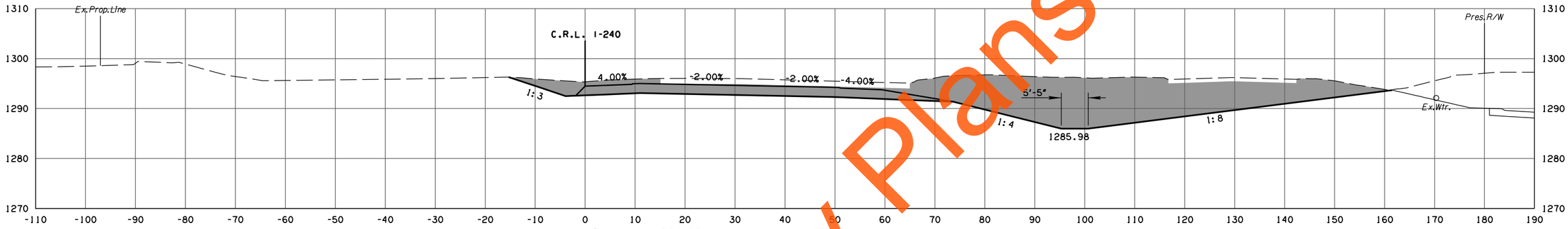
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

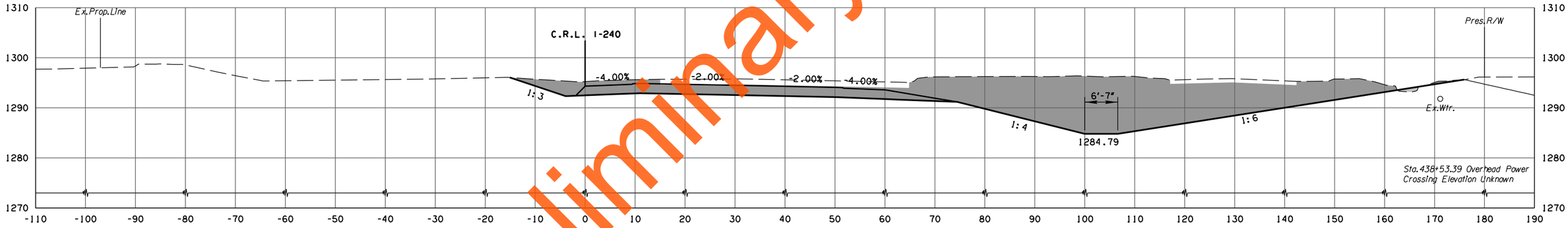
785 0 1410 2



F.G. ELEV. = 1295.03

A 439+00.00

849 2 1877 2



F.G. ELEV. = 1294.86

A 438+53.39

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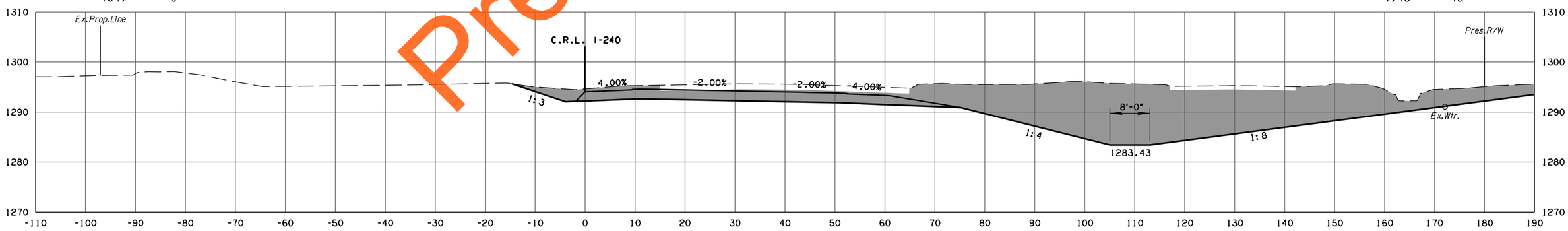

F.G. ELEV. = 1294.59

A 438+00.00

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X056

Preliminary Plans

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

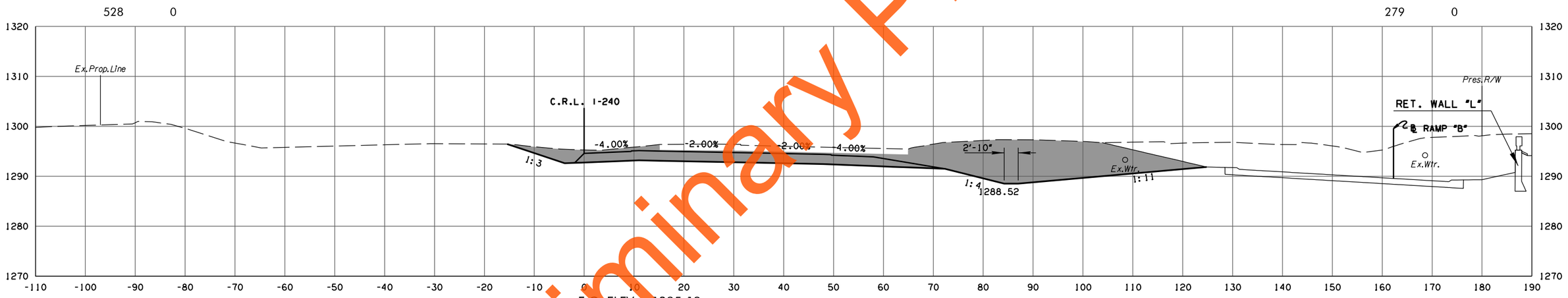
AREA

CUT FILL

VOLUME

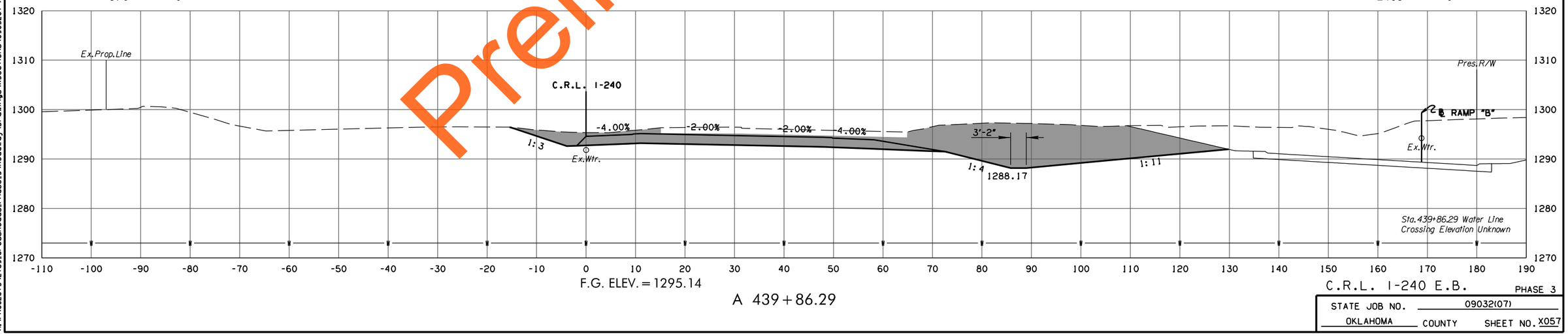
CUT FILL

Preliminary Plans



F.G. ELEV. = 1295.13

A 440+00.00



F.G. ELEV. = 1295.14

A 439+86.29

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X057

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

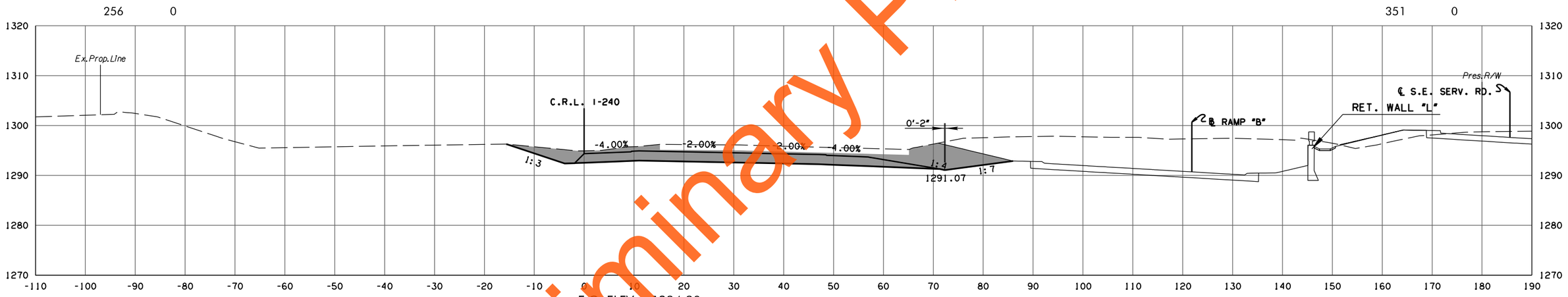
AREA

CUT FILL

VOLUME

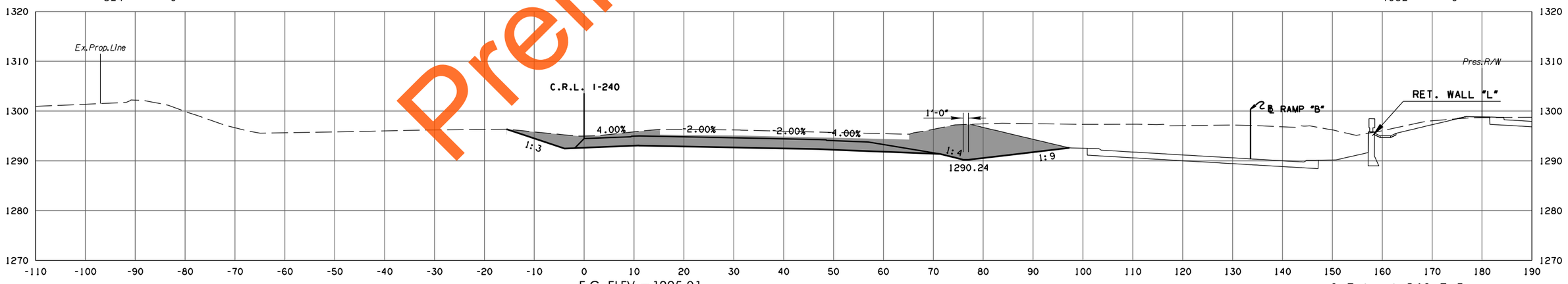
CUT FILL

Preliminary Plans



F.G. ELEV. = 1294.90

A 441+00.00



F.G. ELEV. = 1295.01

A 440+67.33

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X058

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

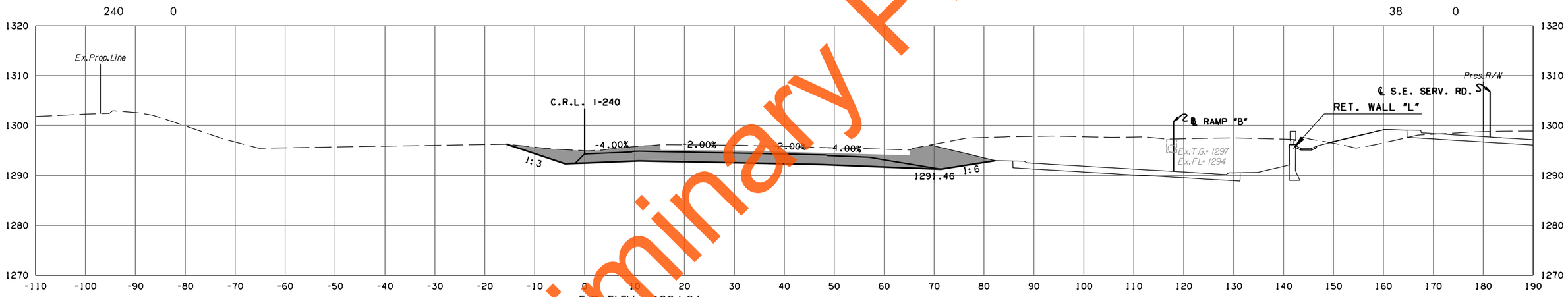
AREA

CUT FILL

VOLUME

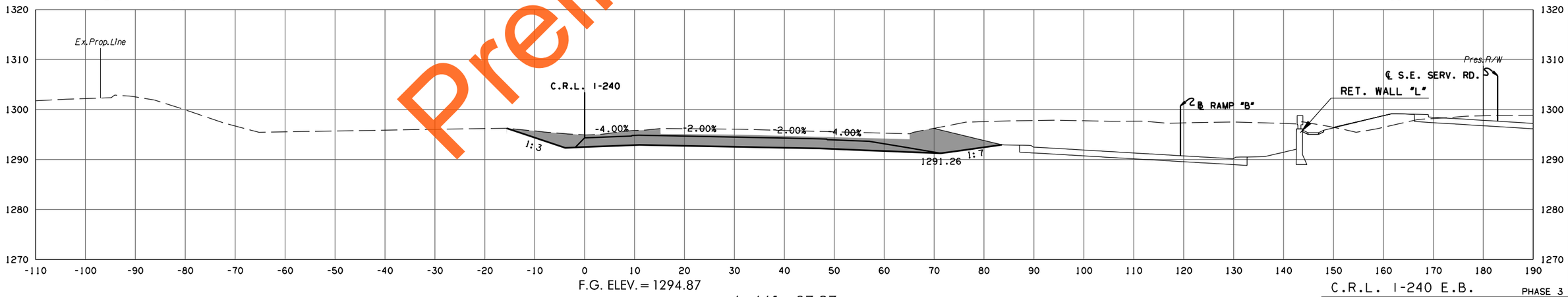
CUT FILL

Preliminary Plans



F.G. ELEV. = 1294.86

A 441+11.56



F.G. ELEV. = 1294.87

A 441+07.37

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X059

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

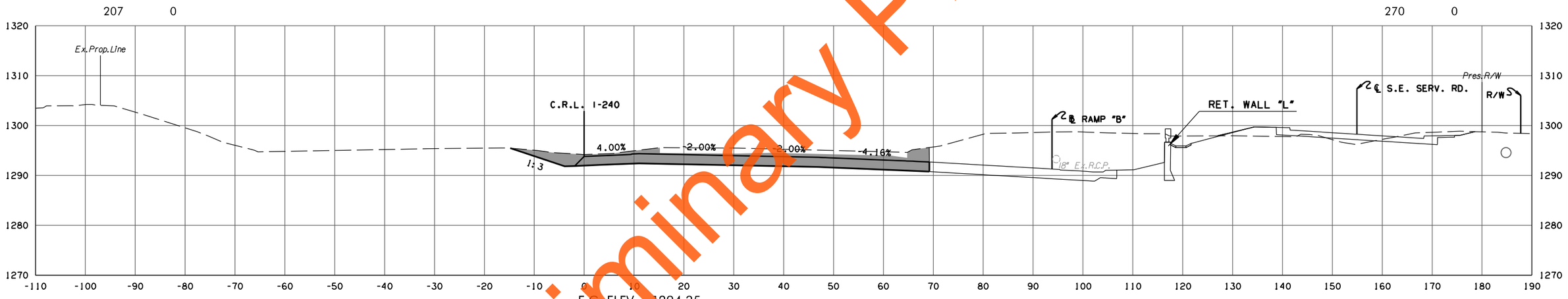
AREA

CUT FILL

VOLUME

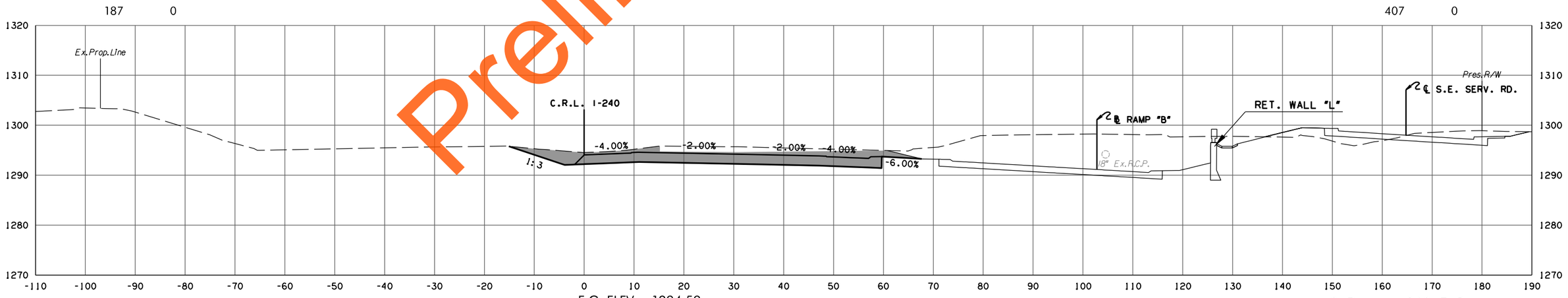
CUT FILL

Preliminary Plans



F.G. ELEV. = 1294.35

A 442+00.00



F.G. ELEV. = 1294.59

A 441+63.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X060

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

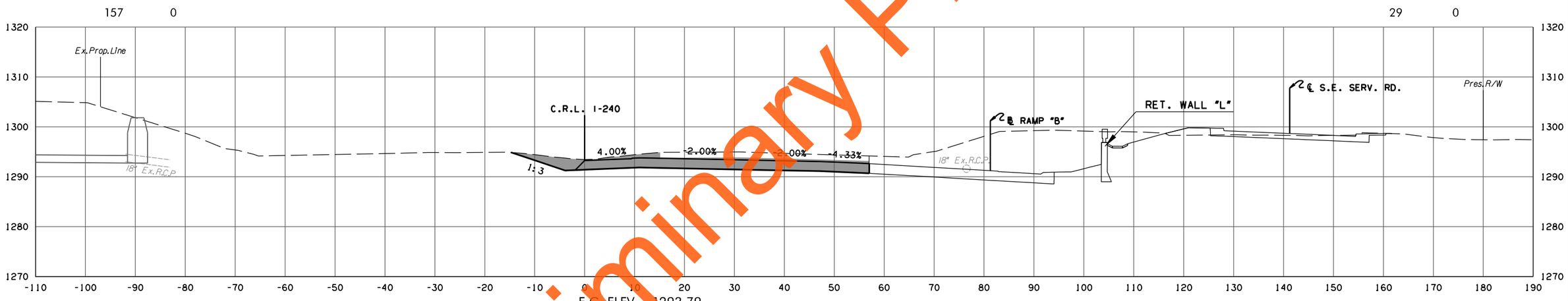
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

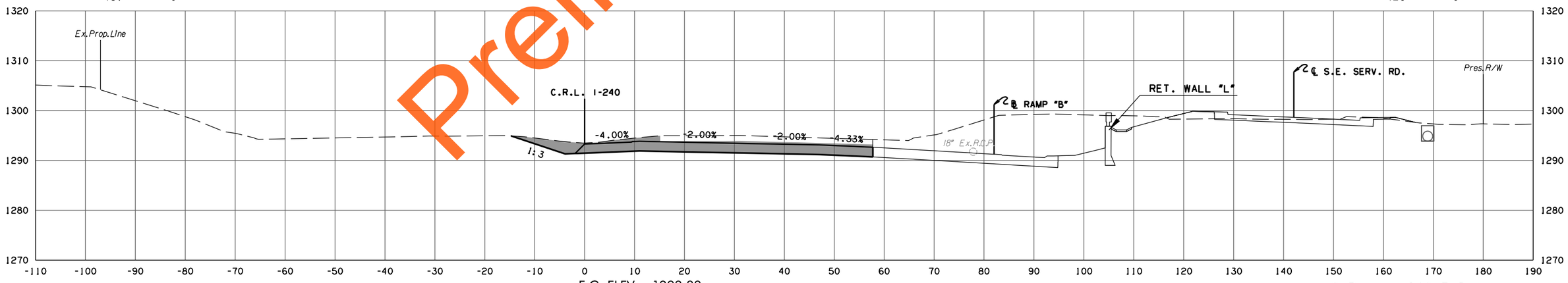
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1293.79

A 442+67.82



F.G. ELEV. = 1293.83

A 442+62.82

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X061

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R/W & U/E PURCHASED UNDER JP 09032(05)

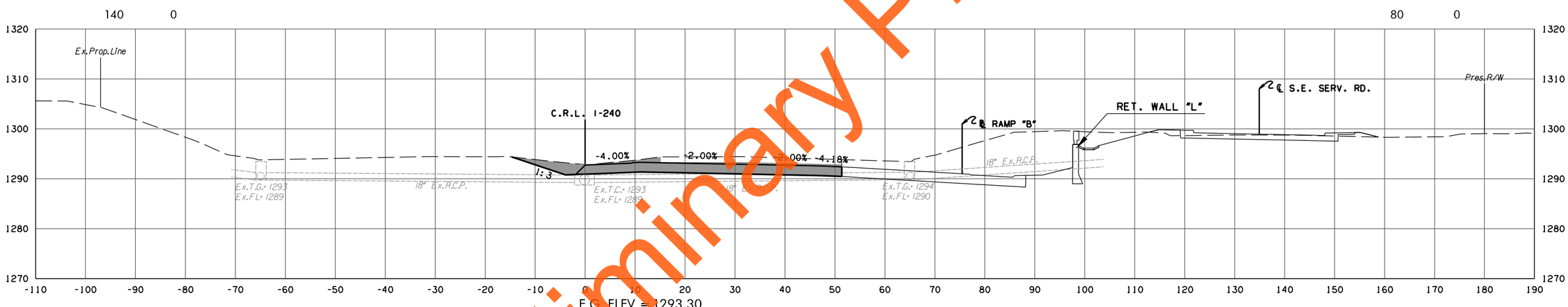
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

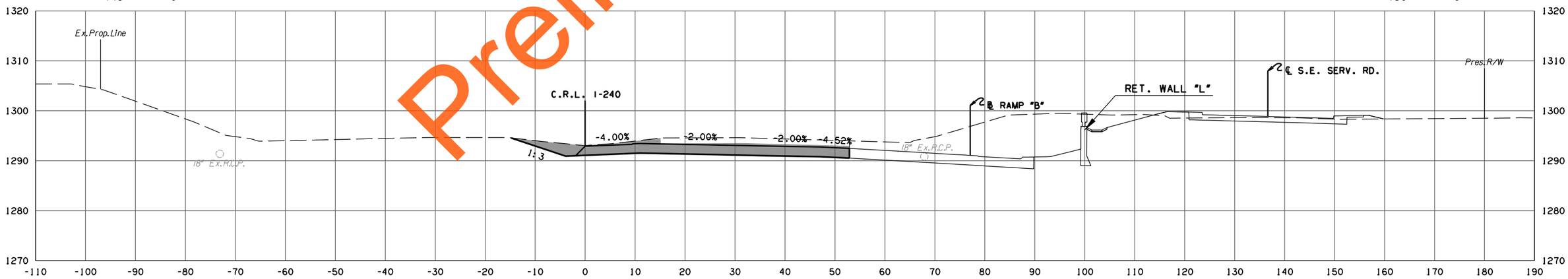
AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1293.30

A 443+15.15



F.G. ELEV. = 1293.46

A 443+00.00

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X062

Preliminary Plans

6/28/2023 2:43:24 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

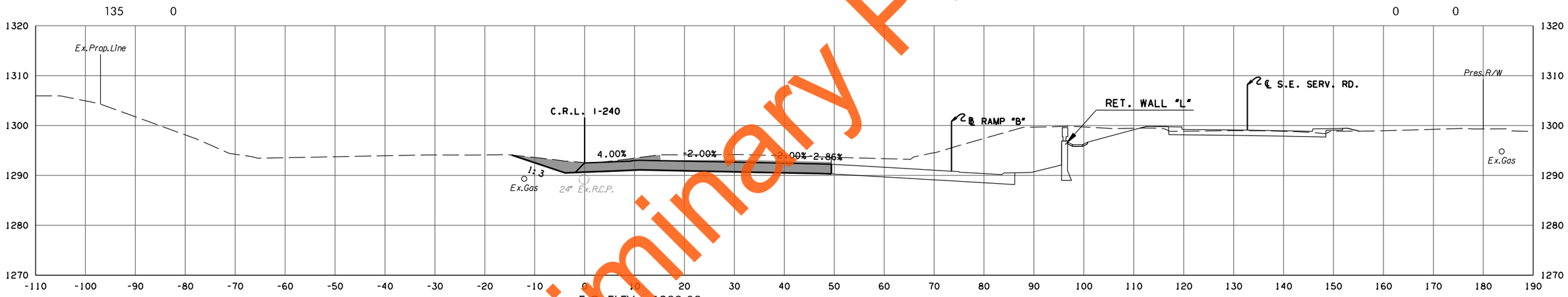
6/28/2023

AREA

CUT FILL

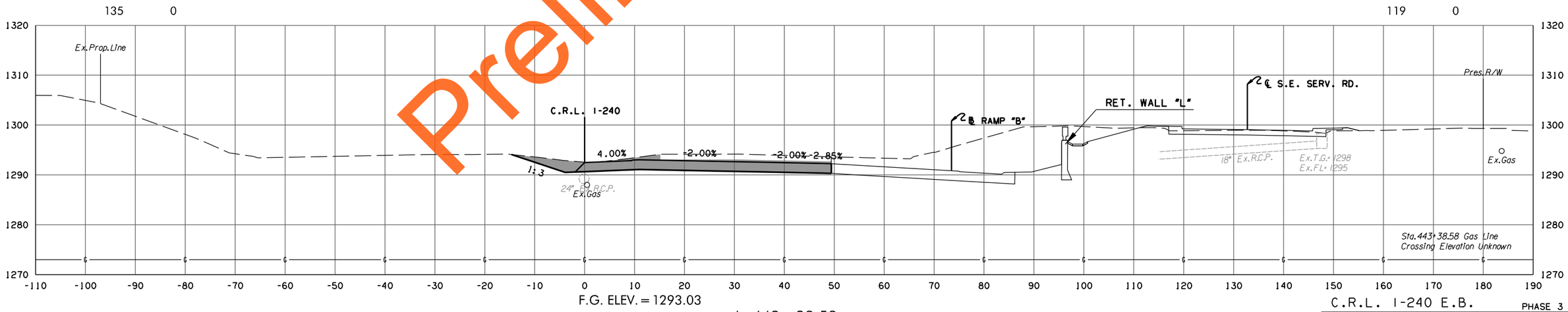
VOLUME

CUT FILL



F.G. ELEV. = 1293.03

A 443+38.67



F.G. ELEV. = 1293.03

A 443+38.58

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X063

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

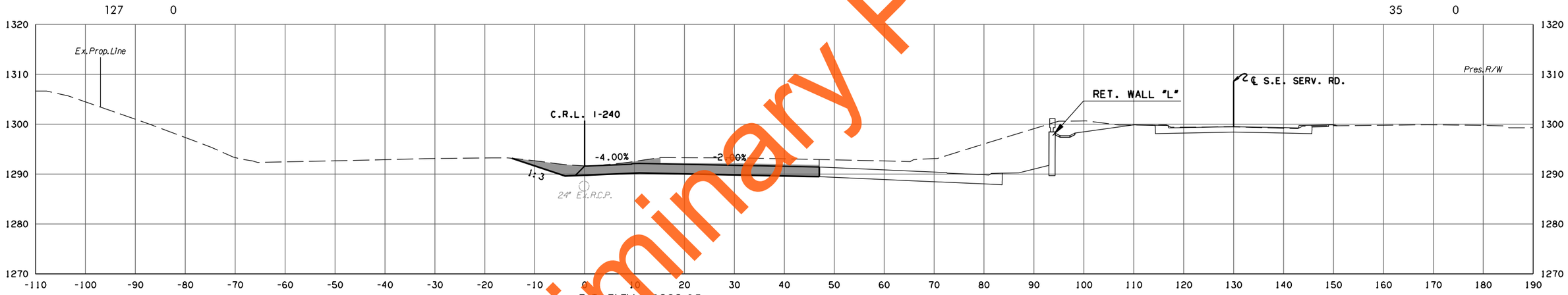
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

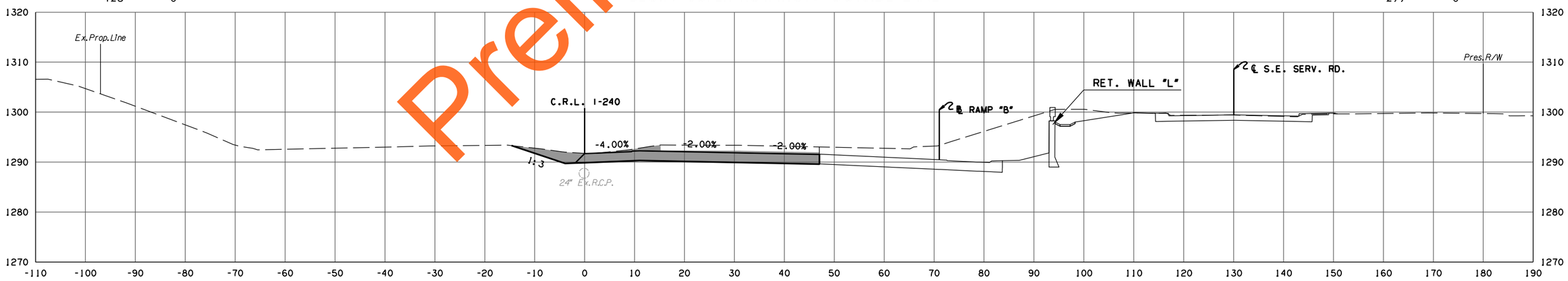
Preliminary Plans



F.G. ELEV. = 1292.15

A 444+07.39

BEGIN SUPER ROTATION OUTSIDE LANE



F.G. ELEV. = 1292.25

A 444+00.00

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X064

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

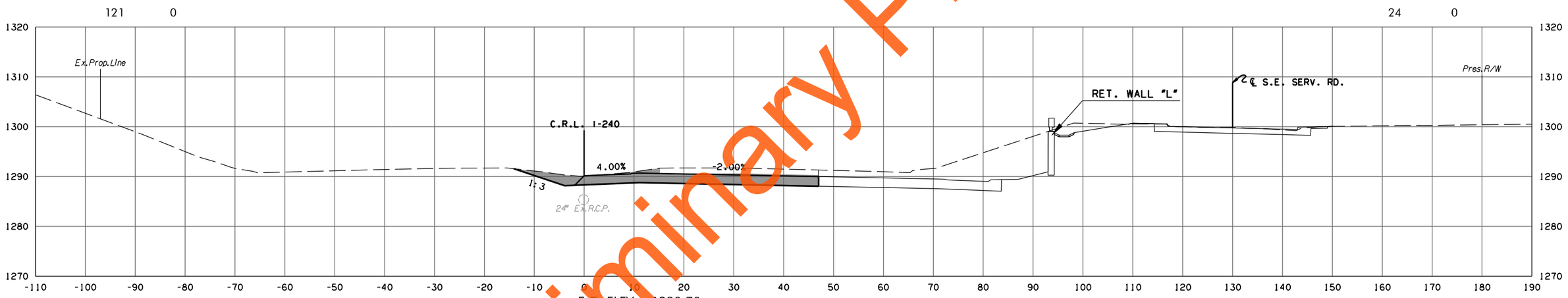
AREA

CUT FILL

VOLUME

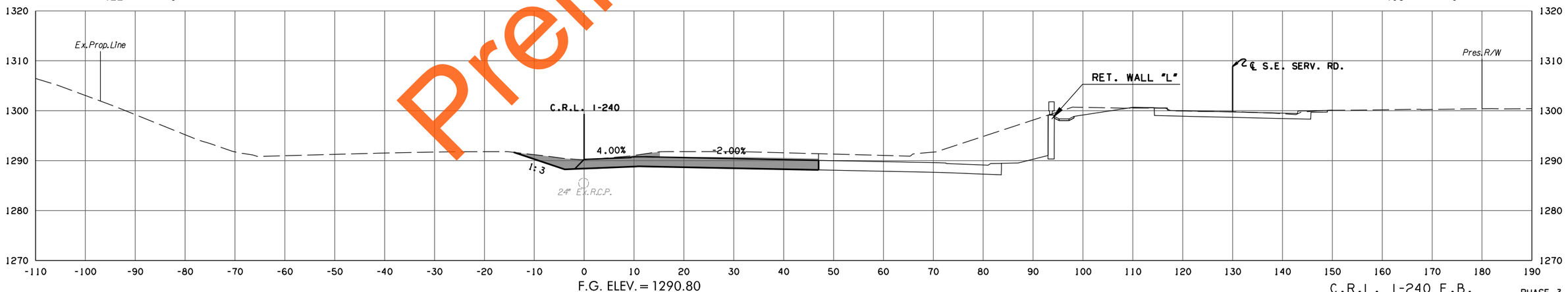
CUT FILL

Preliminary Plans



F.G. ELEV. = 1290.70

A 445+00.00



F.G. ELEV. = 1290.80

A 444+94.68

END SUPER ROTATION OUTSIDE LANE

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X065

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

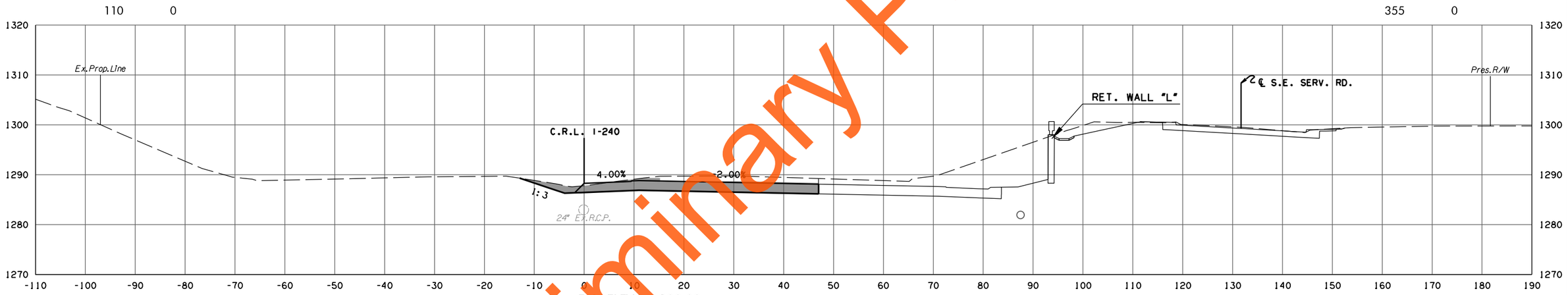
AREA

CUT FILL

VOLUME

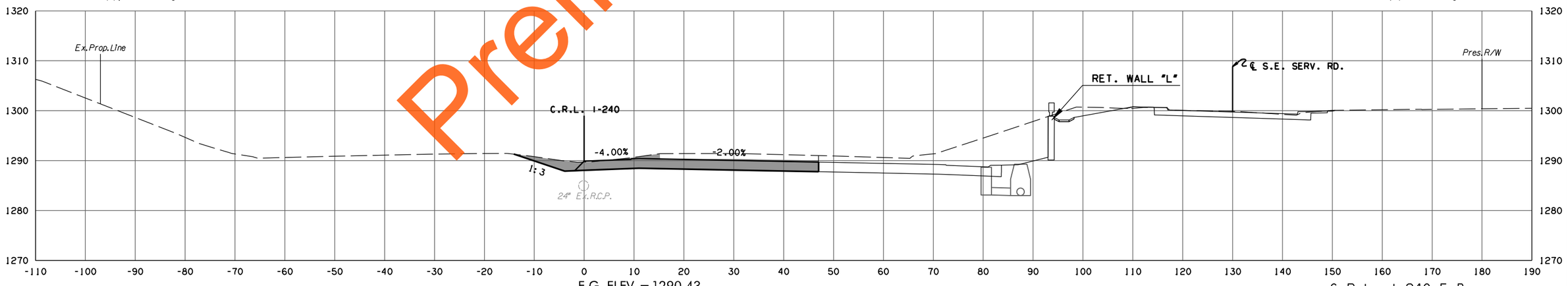
CUT FILL

Preliminary Plans



F.G. ELEV. = 1288.83

A 446+00.00



F.G. ELEV. = 1290.43

A 445+16.00

C.R.L. I-240 E.B. PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X066

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

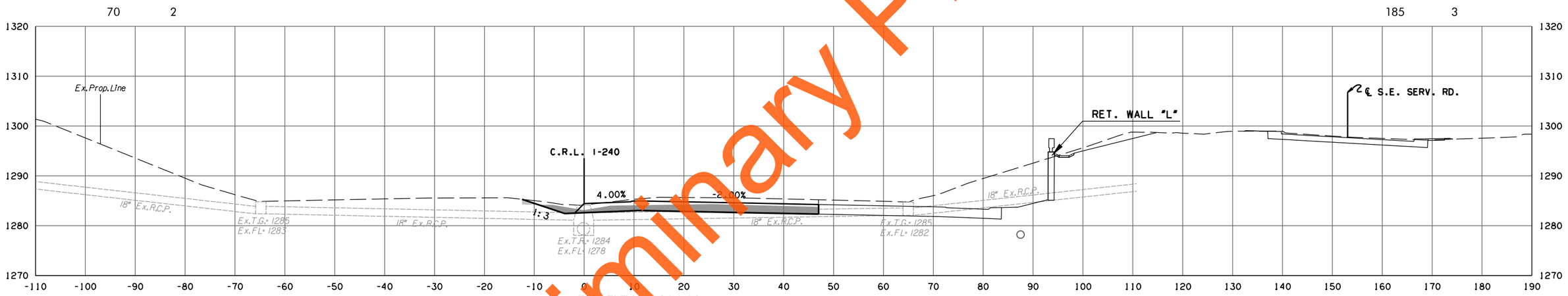
AREA

CUT FILL

VOLUME

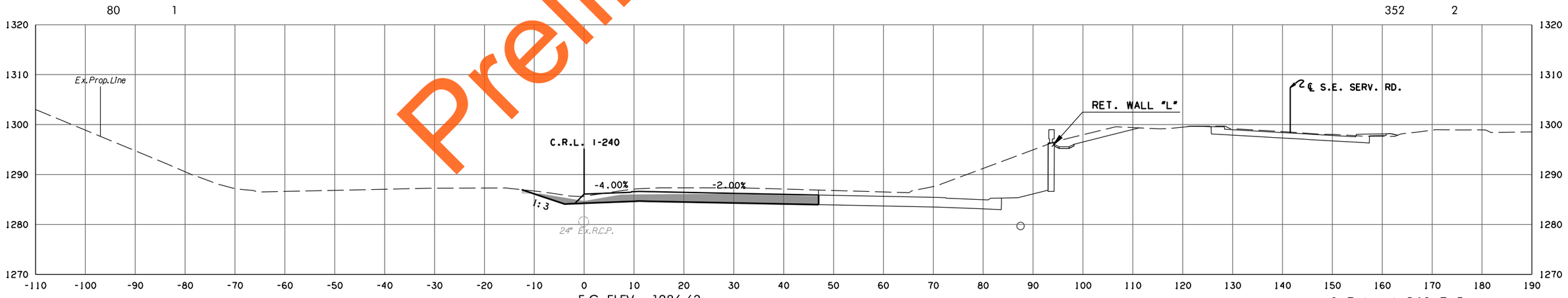
CUT FILL

Preliminary Plans



F.G. ELEV. = 1284.98

A 447+66.36



F.G. ELEV. = 1286.63

A 447+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X067

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

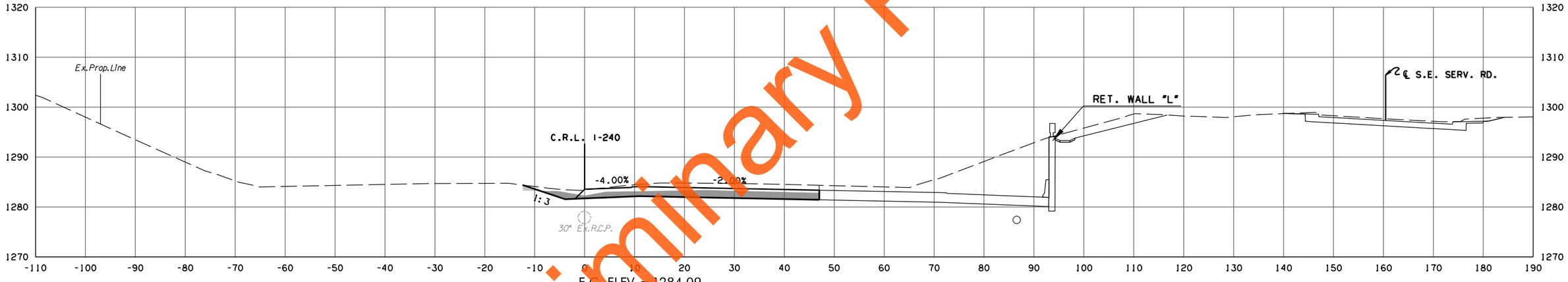
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

68 2

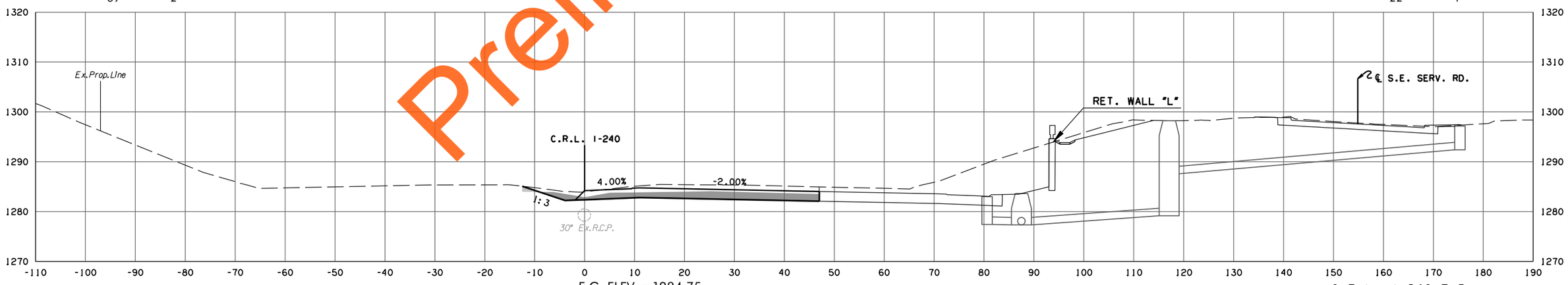


F.G. ELEV. = 1284.09

A 448+00.00

64 2

69 2



F.G. ELEV. = 1284.75

A 447+75.00

22 1

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X068

6/28/2023 2:43:32 PM
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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

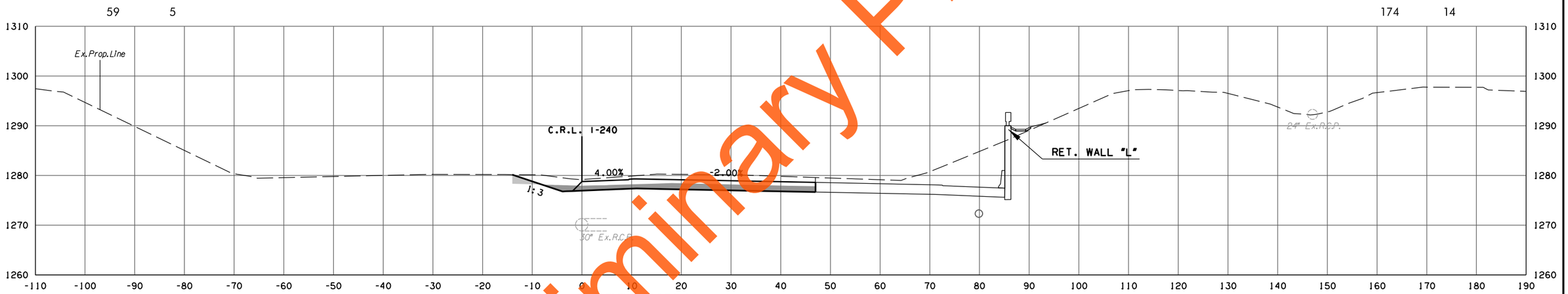
AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans



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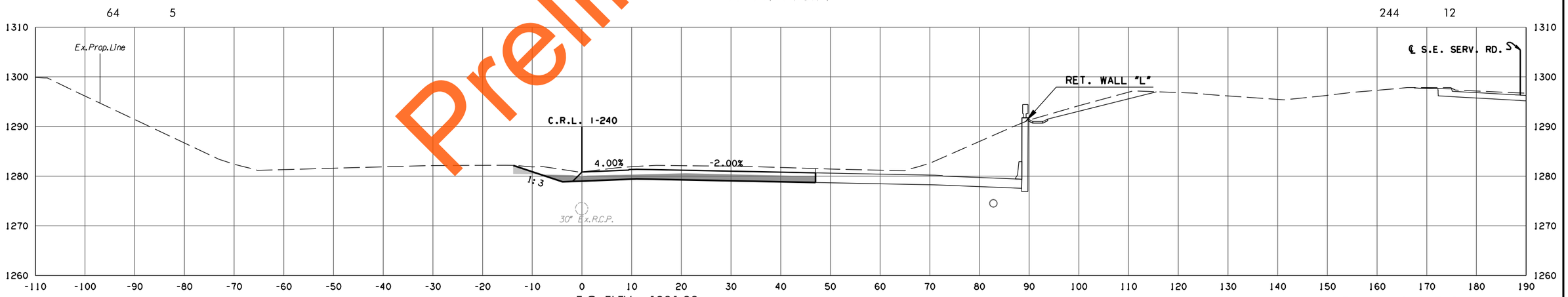
A 449+76.79



F.G. ELEV. = 1281.39

A 449+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X069

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

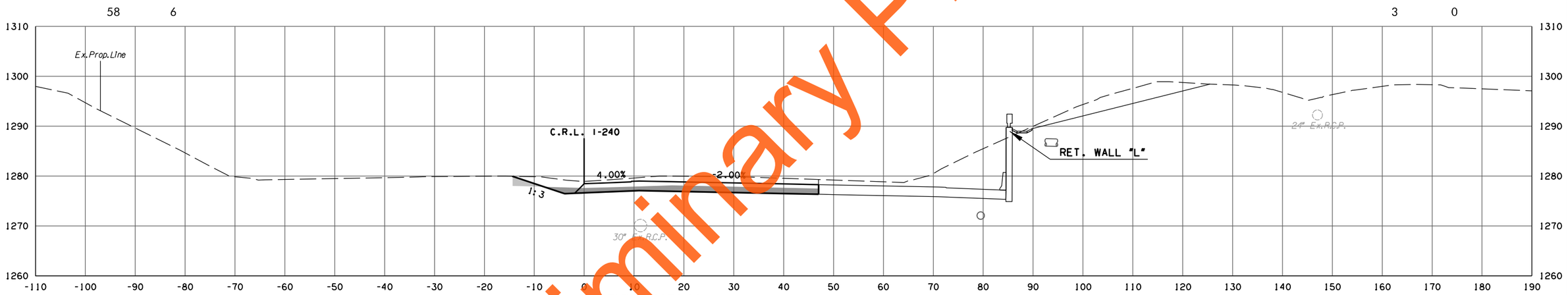
AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans



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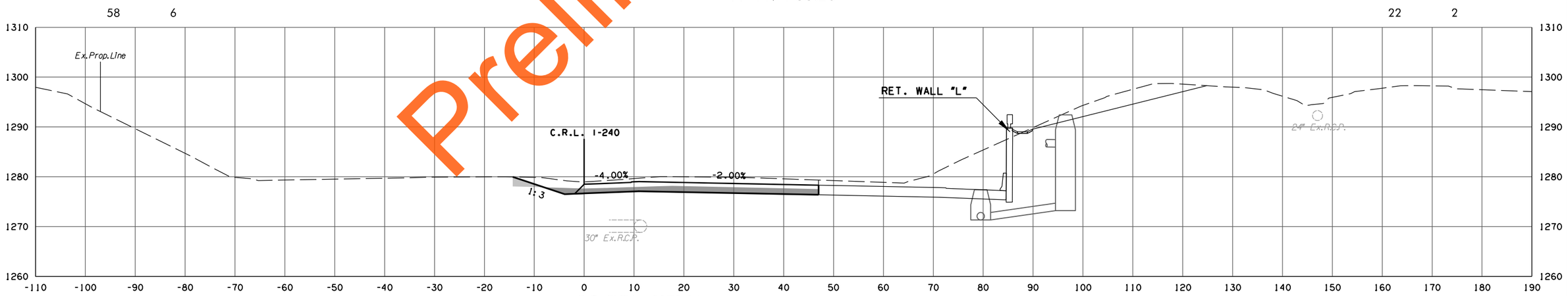
A 449+88.23



F.G. ELEV. = 1279.04

A 449+87.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X070

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

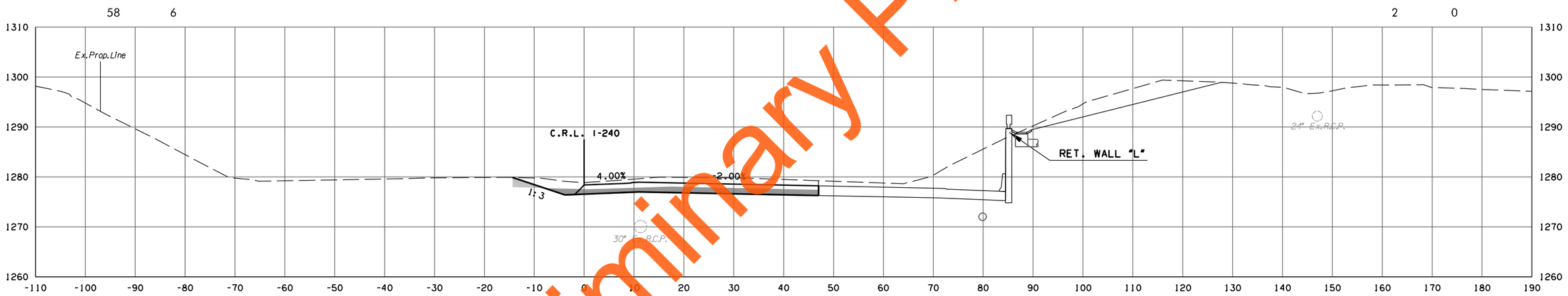
AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans



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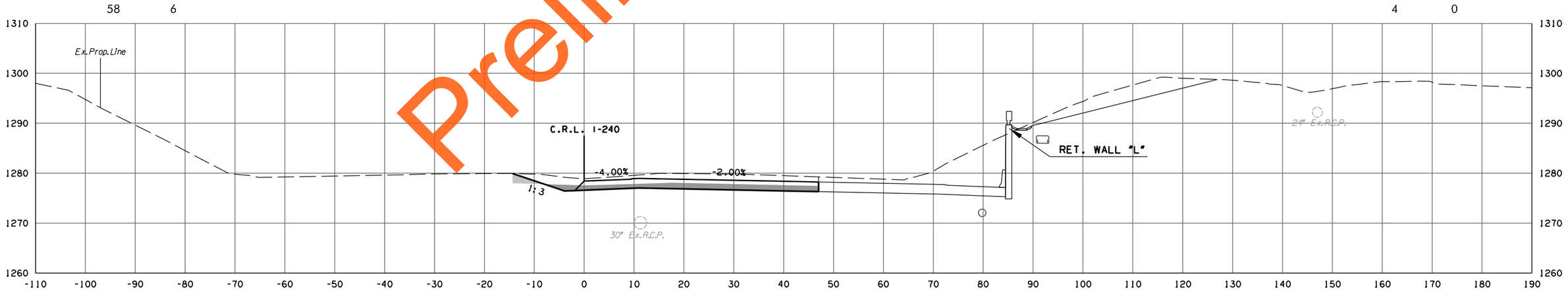
A 449+91.00



F.G. ELEV. = 1278.96

A 449+90.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X071

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

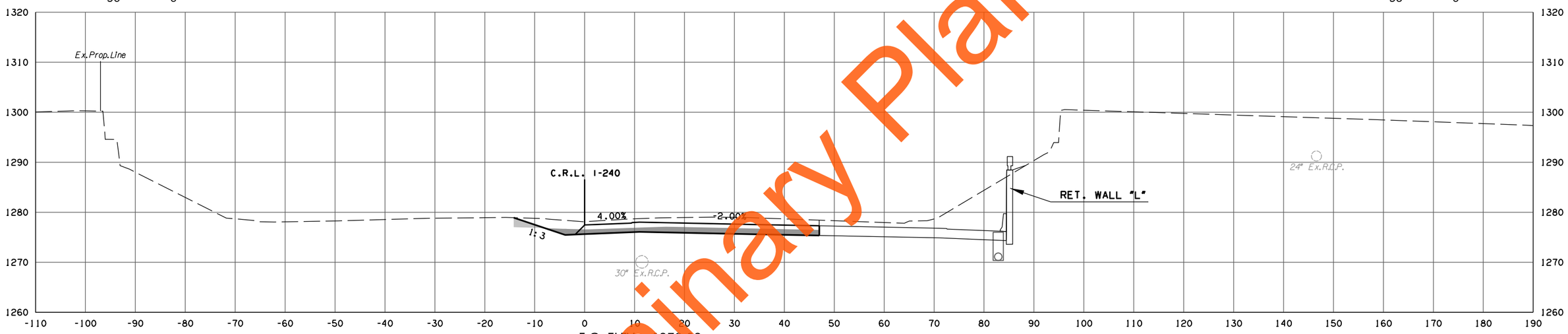
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

56 6

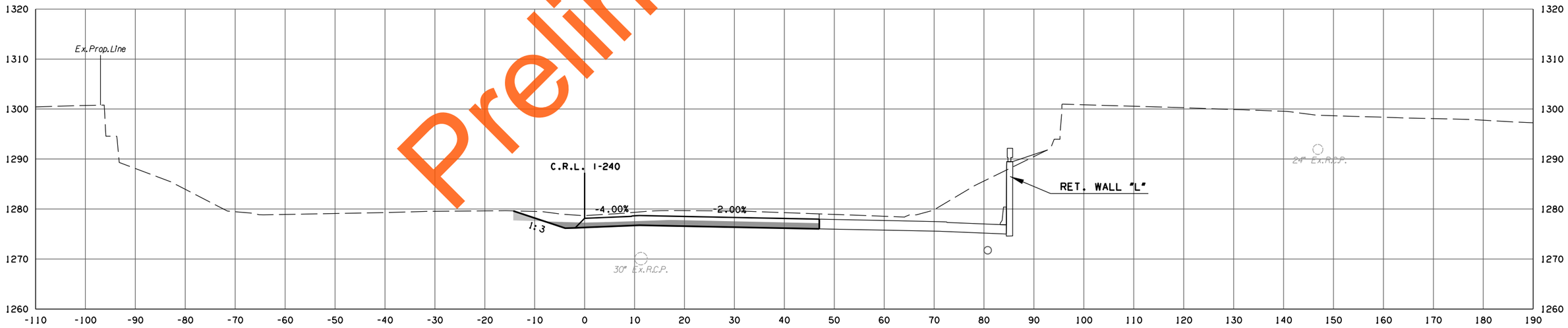


F.G. ELEV. = 1278.02

A 450+25.00

53 6

58 6



F.G. ELEV. = 1278.69

A 450+00.00

19 2

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X072

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

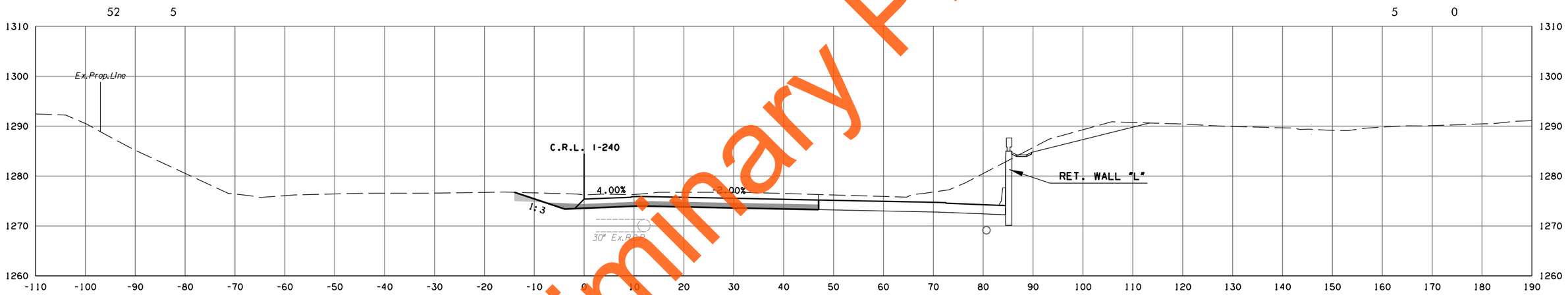
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

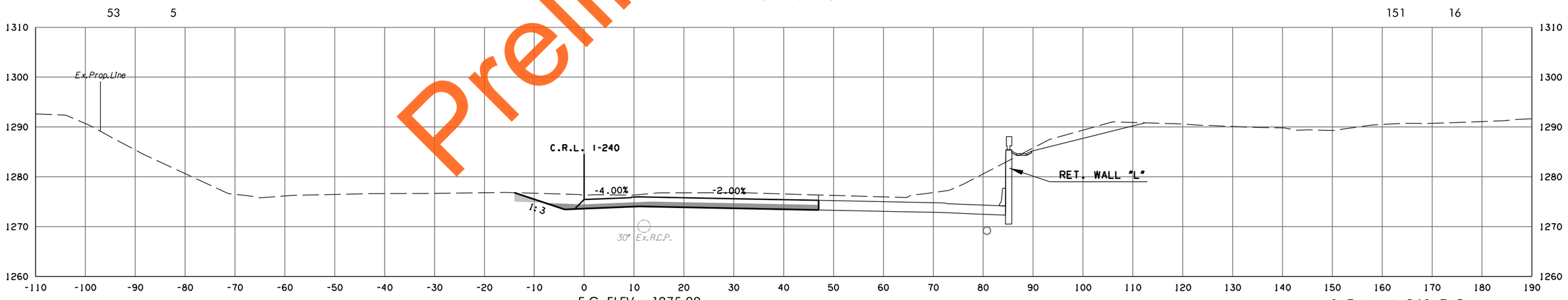
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1275.92

A 451+02.45



F.G. ELEV. = 1275.99

A 451+00.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X073

6/28/2023 2:43:39 PM
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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

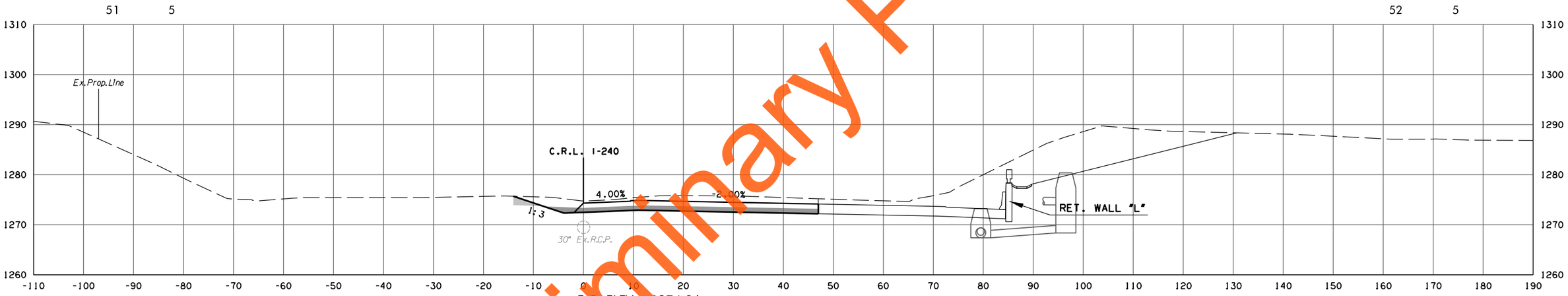
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

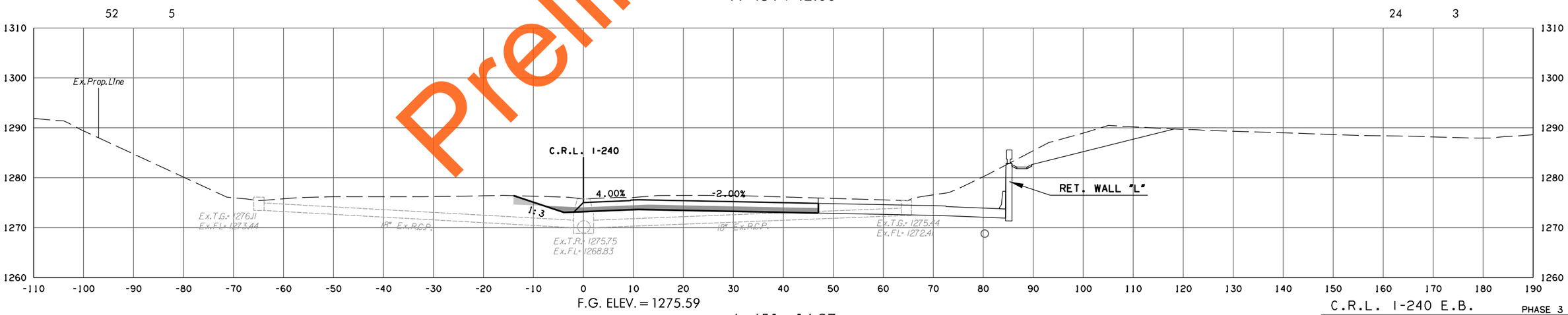
VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1274.86

A 451+42.00



F.G. ELEV. = 1275.59

A 451+14.87

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X074

6/28/2023 2:43:41 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

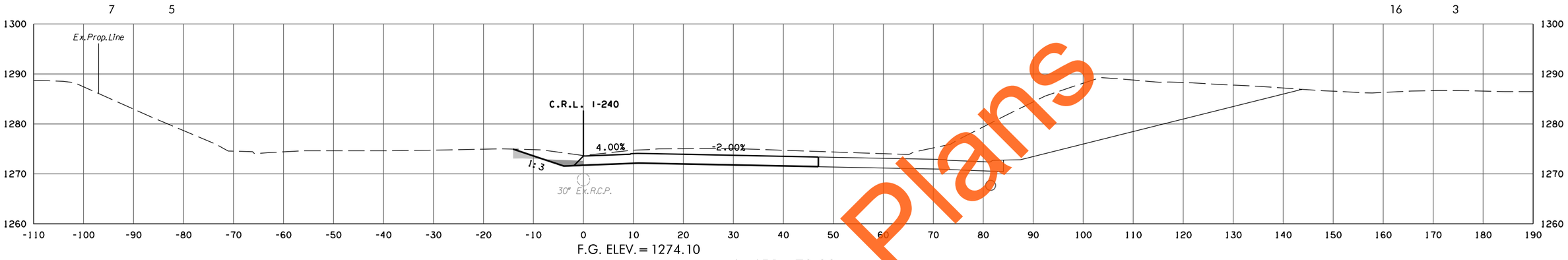
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

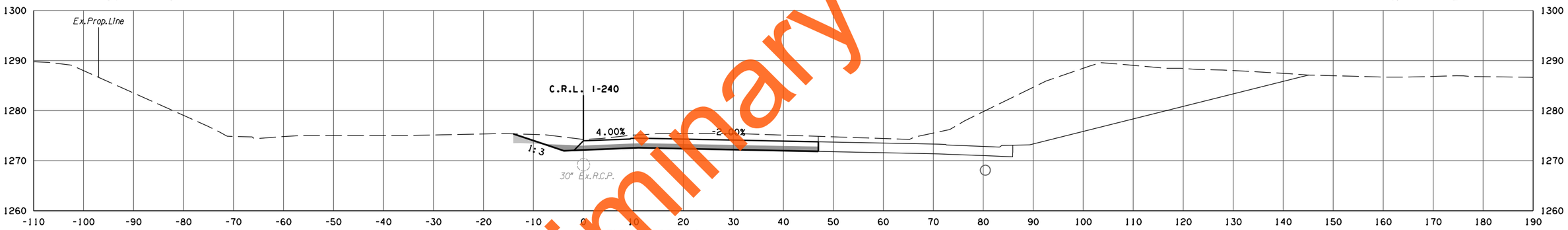
AREA
CUT FILL

VOLUME
CUT FILL



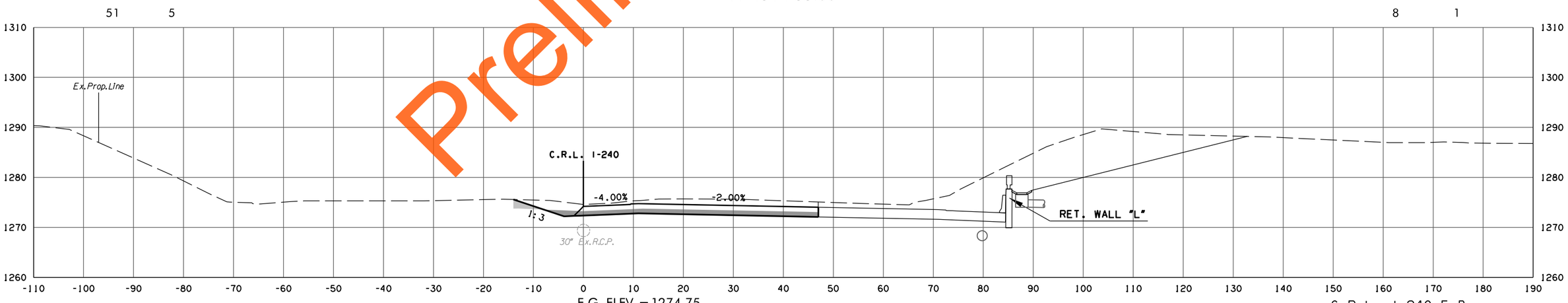
F.G. ELEV. = 1274.10

A 451+70.00



F.G. ELEV. = 1274.50

A 451+55.00



F.G. ELEV. = 1274.75

A 451+46.00

C.R.L. I-240 E.B.

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X075

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

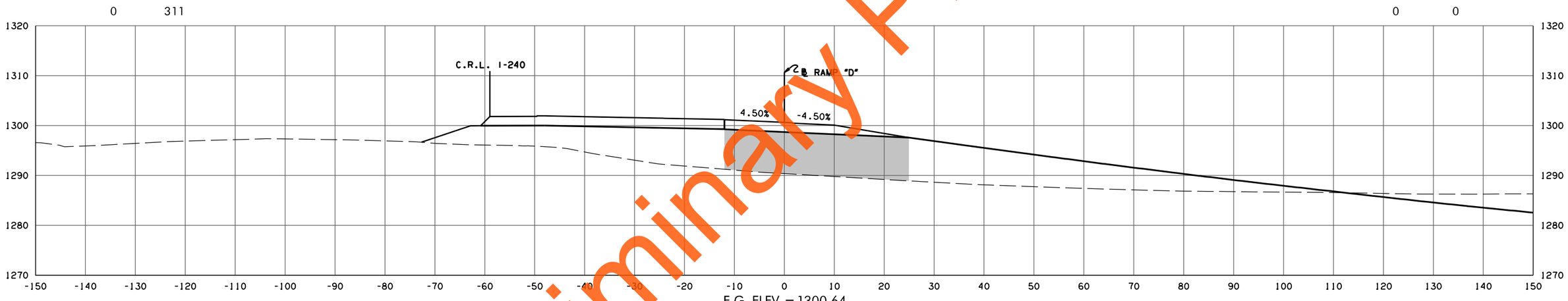
6/28/2023

AREA

CUT FILL

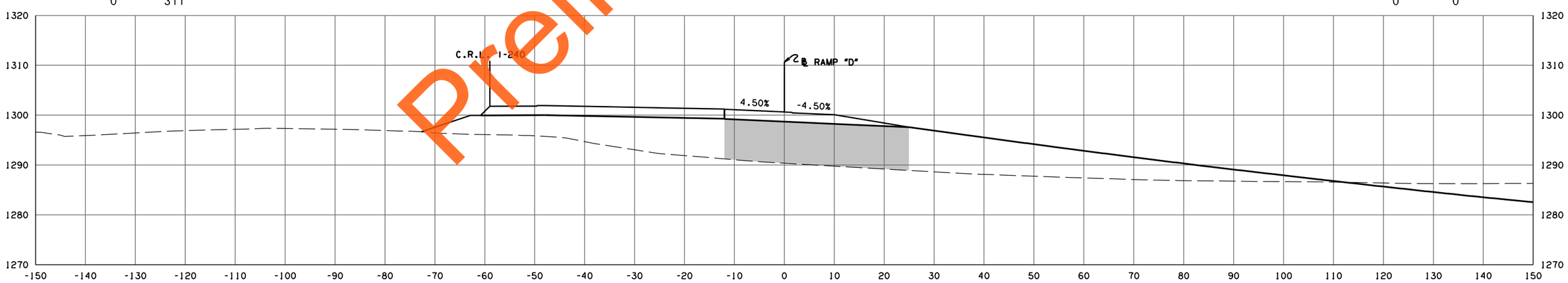
VOLUME

CUT FILL



F.G. ELEV. = 1300.64

65 + 07.43



F.G. ELEV. = 1300.64

65 + 07.43

BEGIN CONSTRUCTION

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X076

Preliminary Plans

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

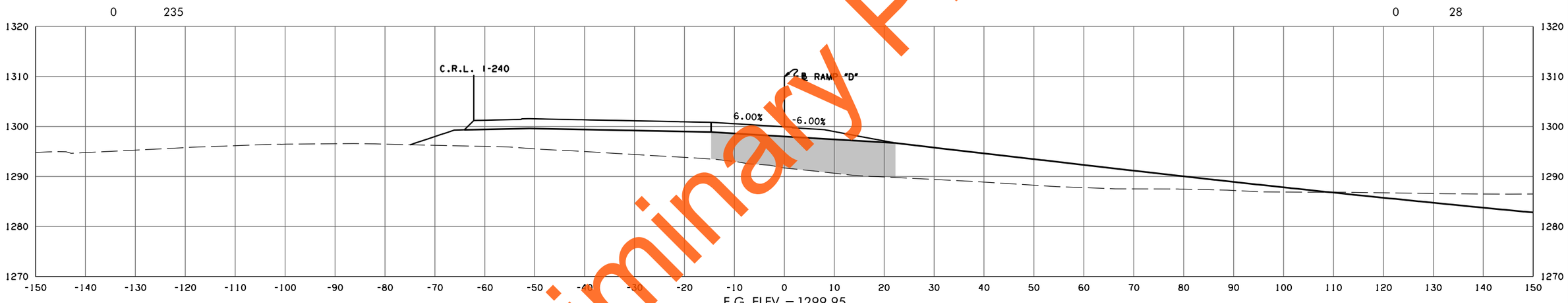
90% PLAN SUBMITTAL

6/28/2023

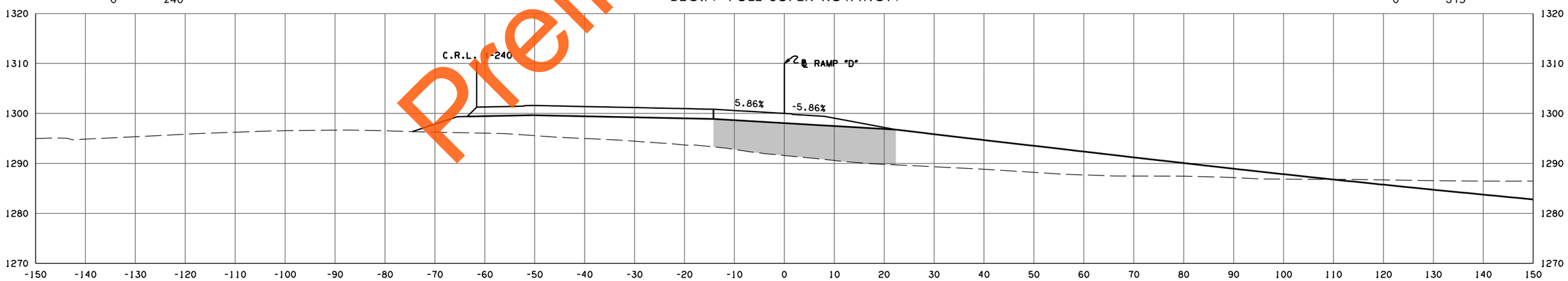
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1299.95
65+41.52
BEGIN FULL SUPER ROTATION



F.G. ELEV. = 1300.01
65+38.33

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X077

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R/W & U/E PURCHASED UNDER JP 09032(05)

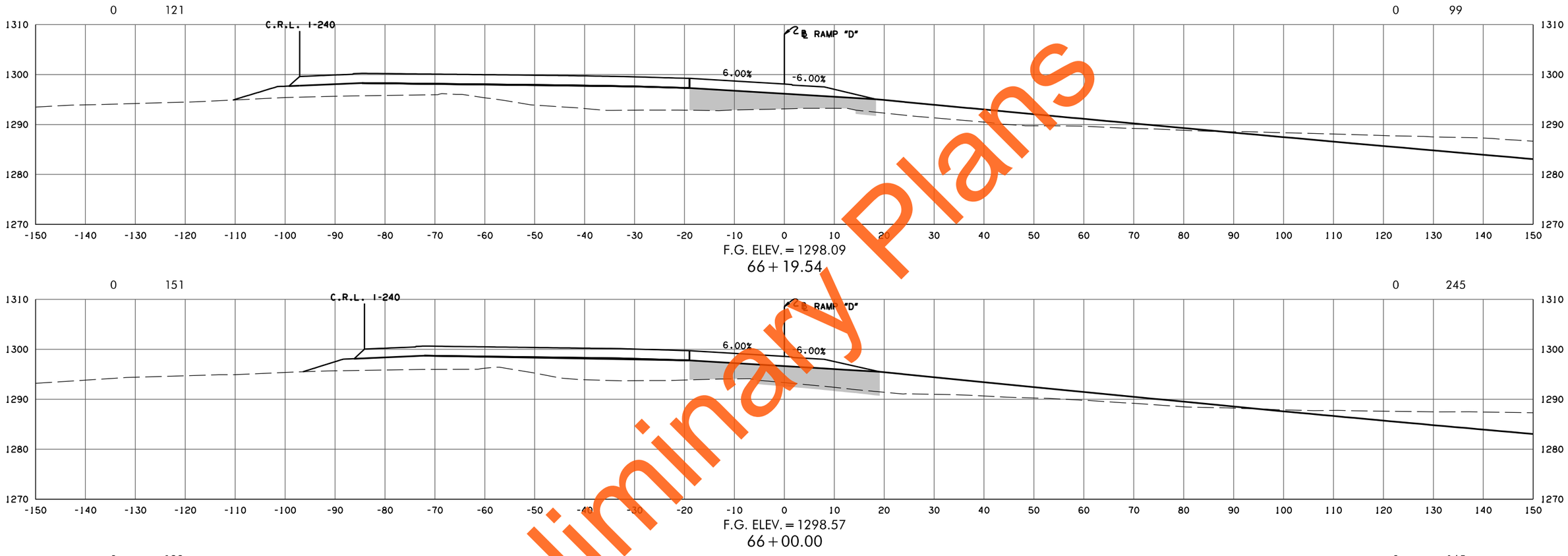
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1298.09
66 + 19.54

F.G. ELEV. = 1298.57
66 + 00.00

F.G. ELEV. = 1299.45
65 + 62.10

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X078

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

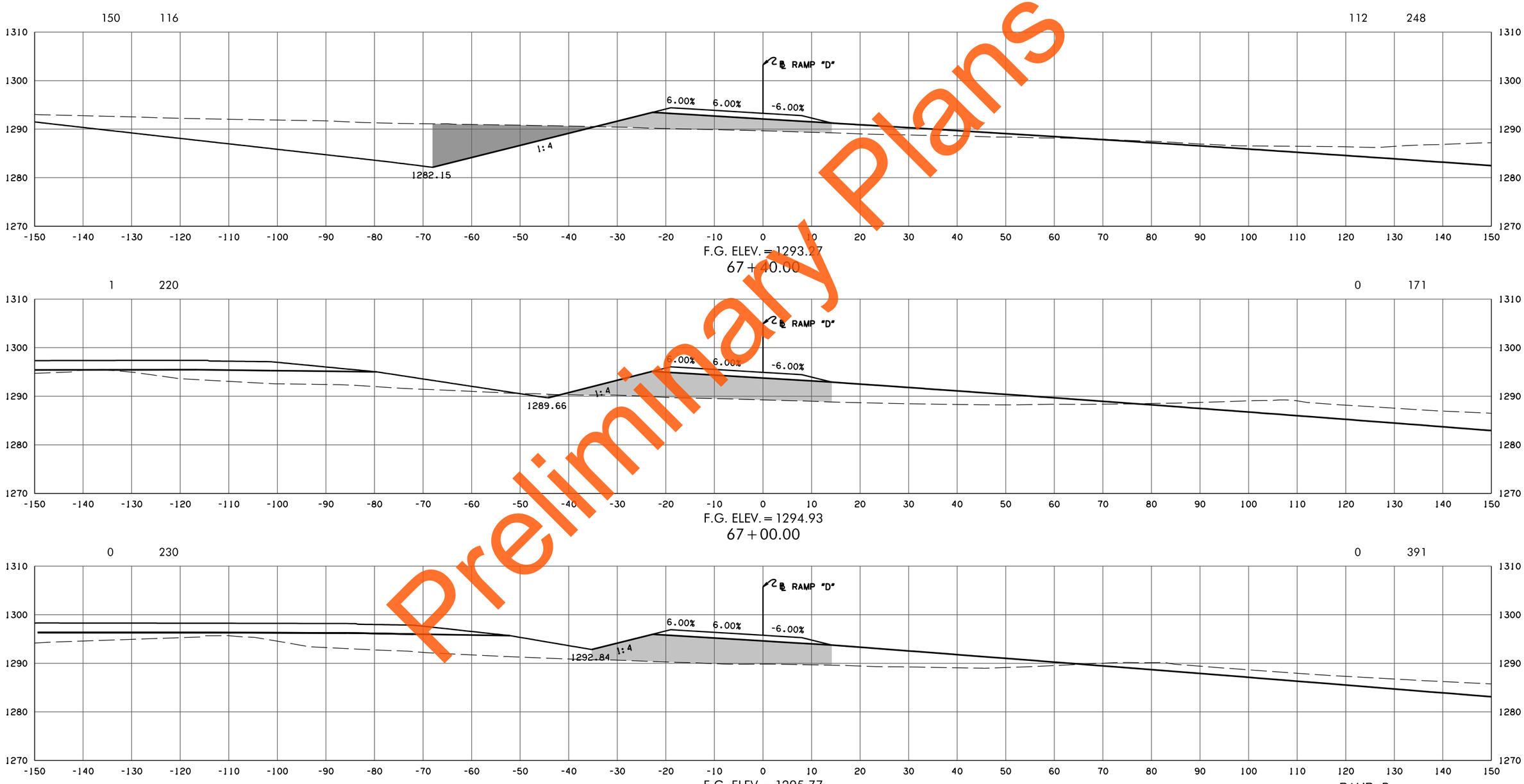
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

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PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X079

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

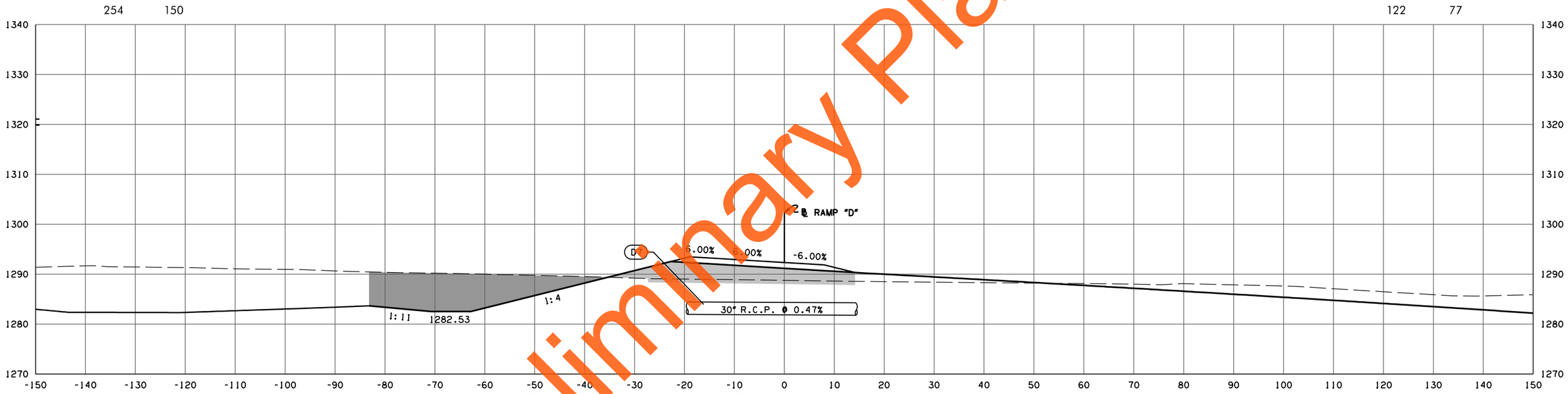
90% PLAN SUBMITTAL

6/28/2023

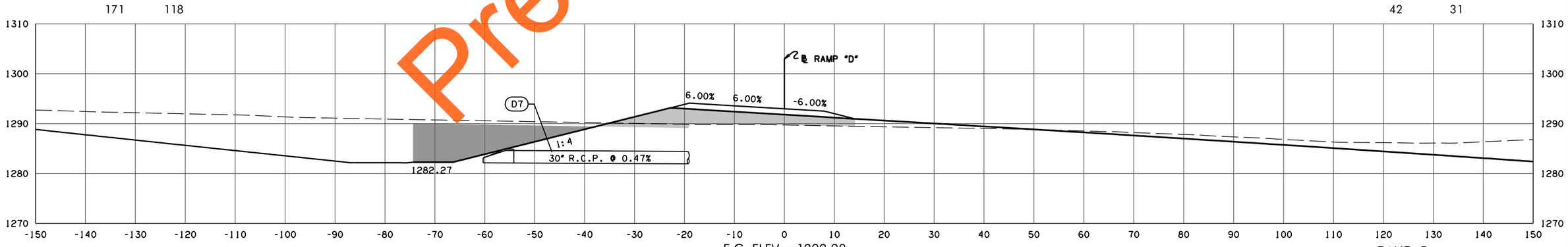
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1292.34
67 + 62.54



F.G. ELEV. = 1292.98
67 + 47.10

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X080

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

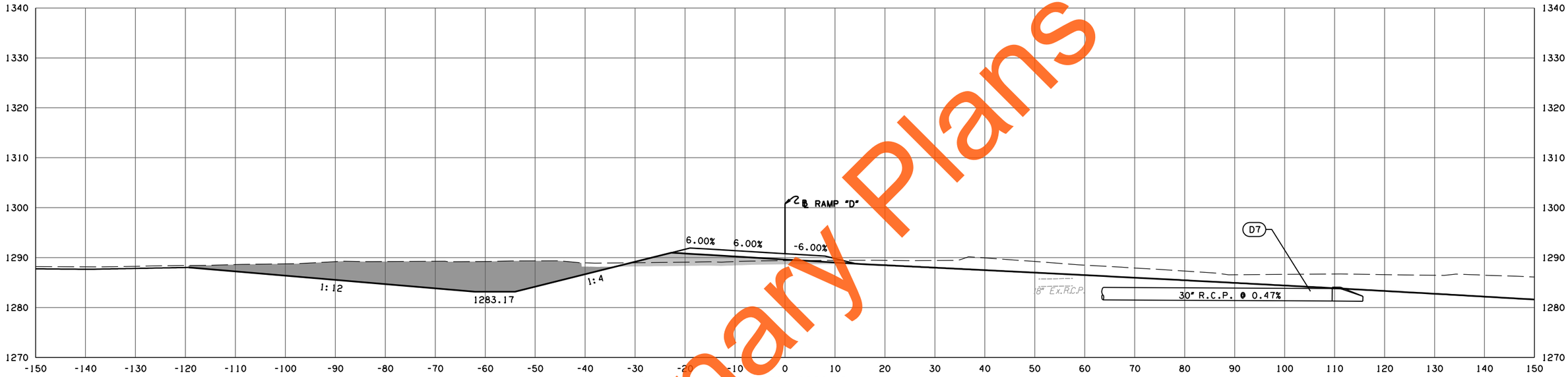
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

307 64

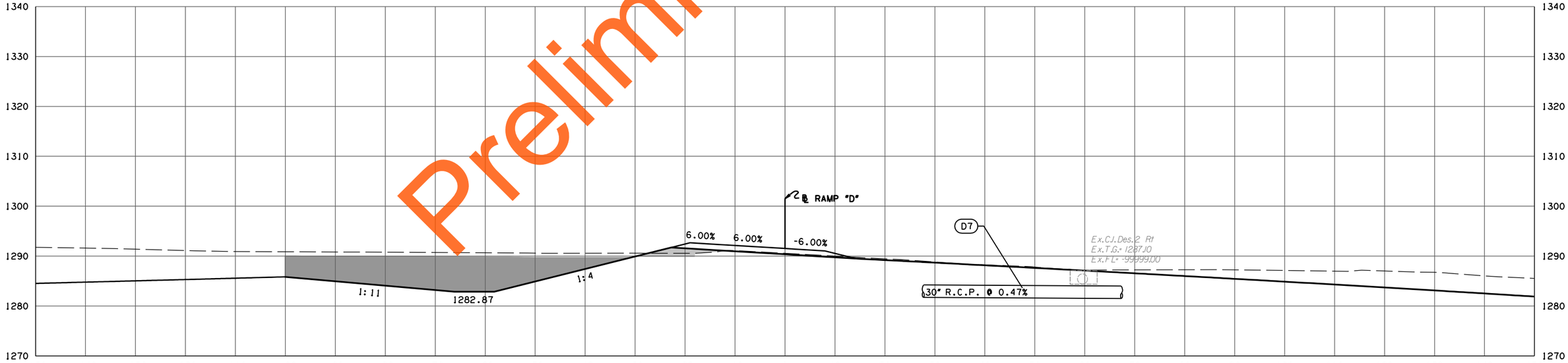
217 27



F.G. ELEV. = 1290.79
68 + 00.00

352 18

221 61



F.G. ELEV. = 1291.52
67 + 82.24

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X081

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA

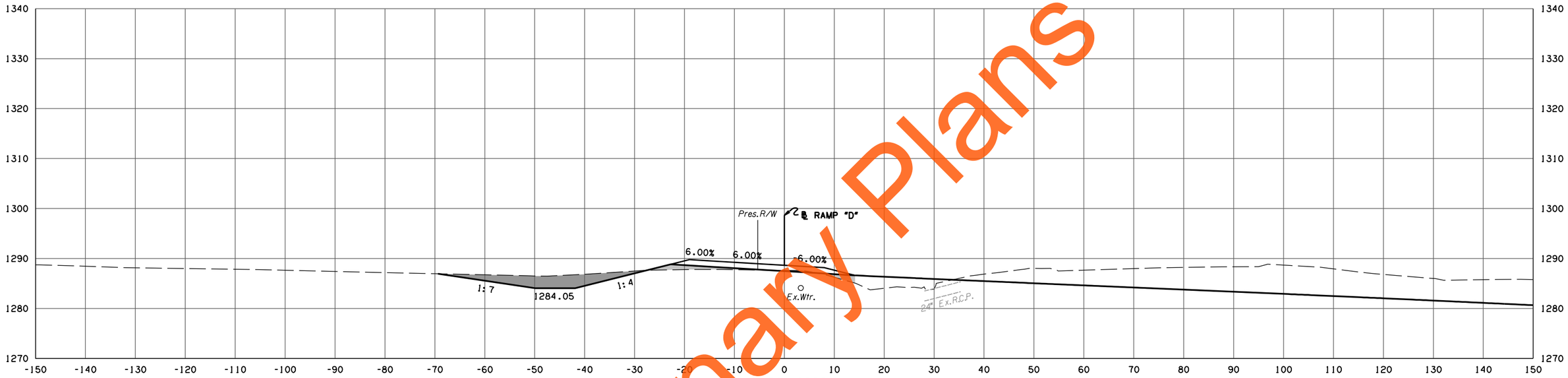
CUT FILL

65 18

VOLUME

CUT FILL

6 2

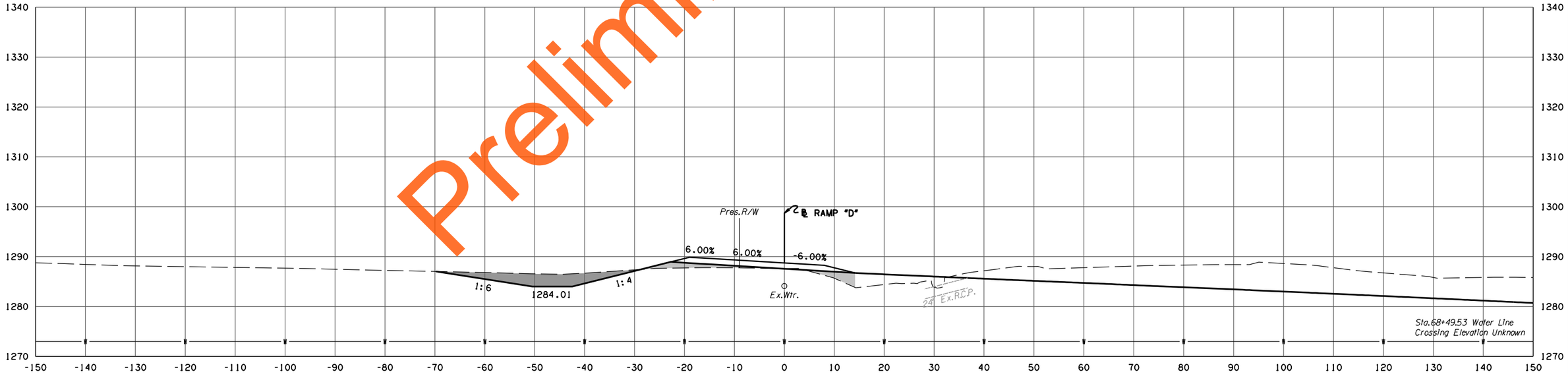


F.G. ELEV. = 1288.64

68 + 51.96

62 28

339 85



F.G. ELEV. = 1288.74

68 + 49.53

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X082

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

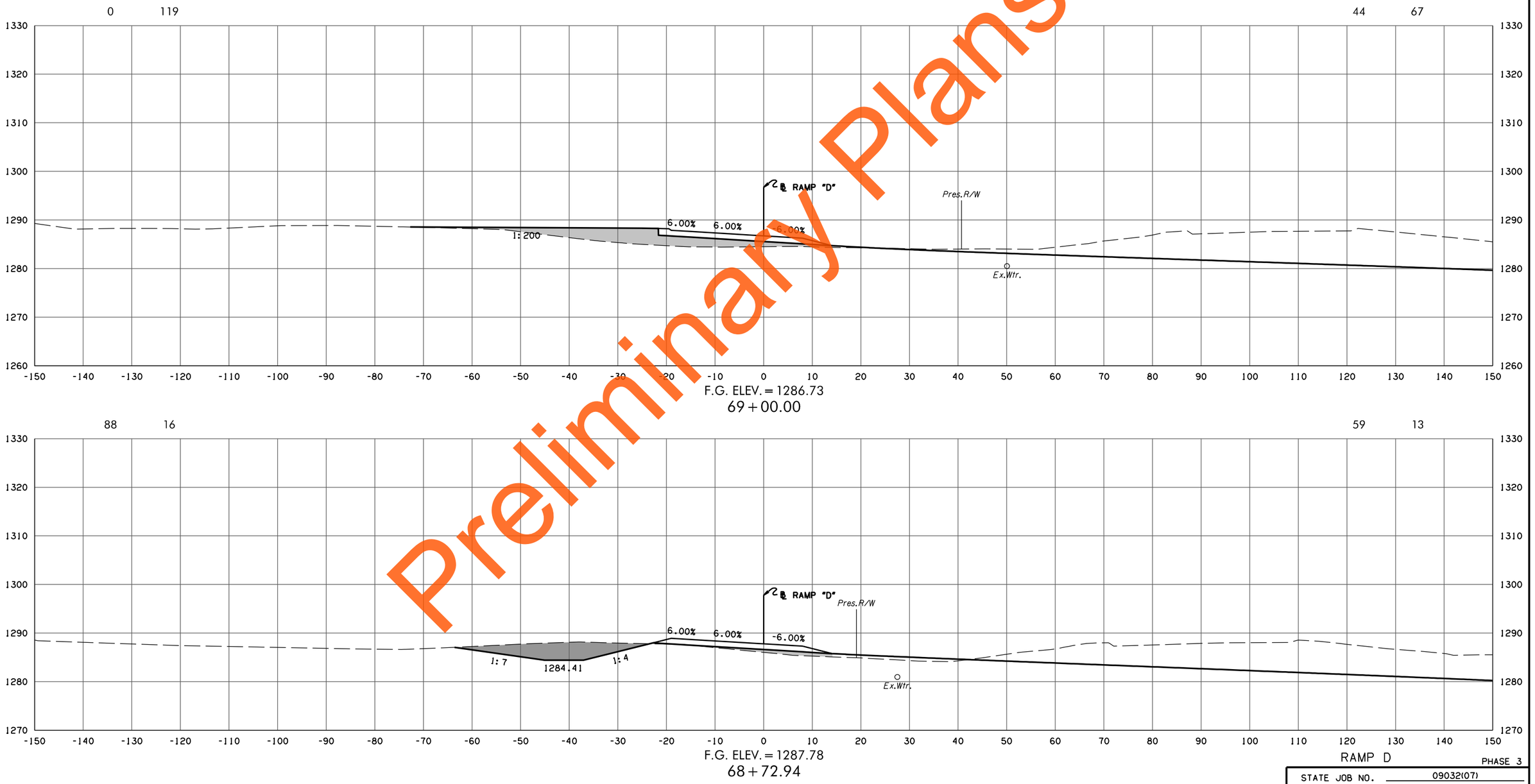
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X083

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

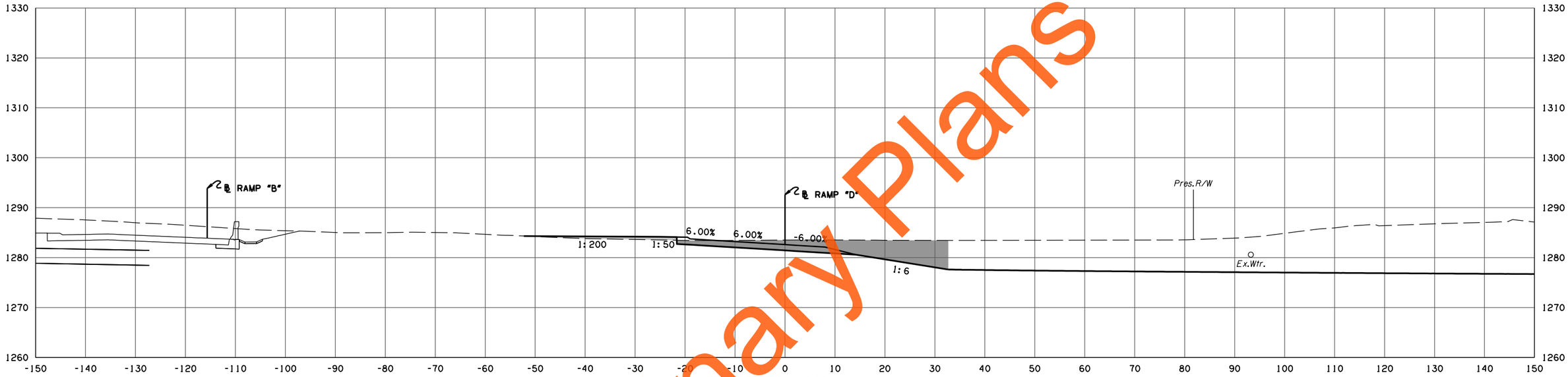
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

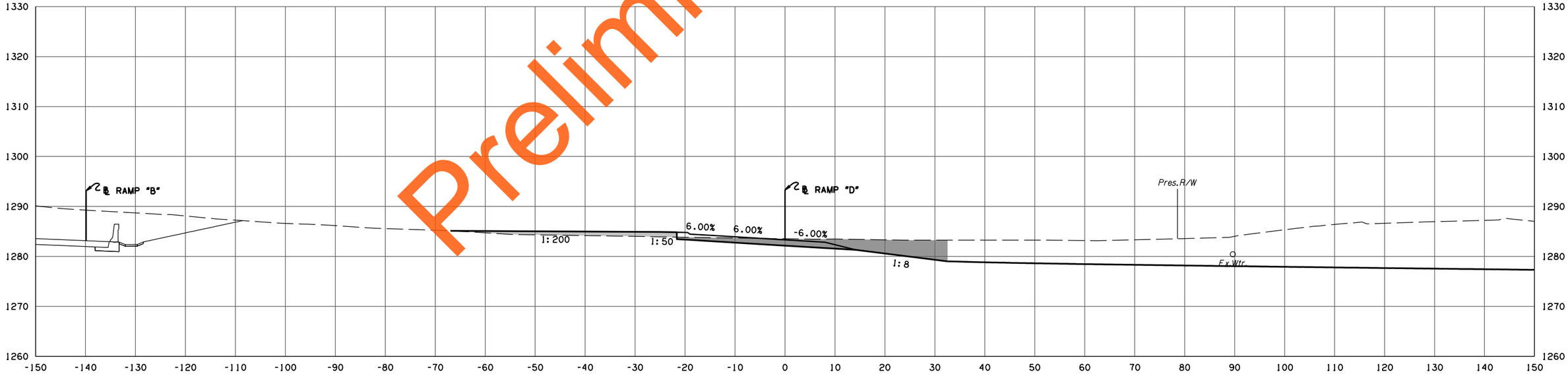
146 13



F.G. ELEV. = 1282.61
70 + 24.66

113 20

102 31



F.G. ELEV. = 1283.33
70 + 00.00

189 279

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X084

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

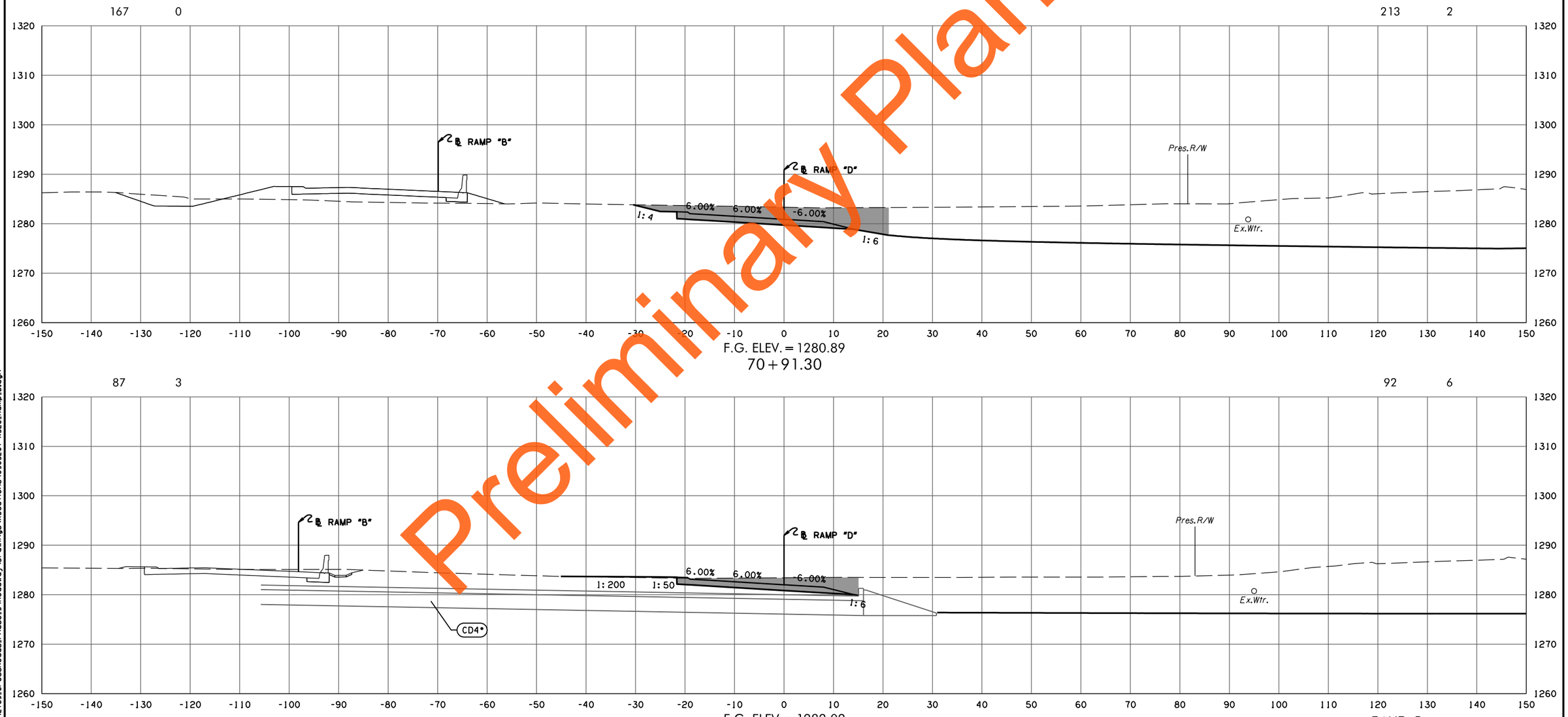
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



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PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X085

Preliminary Plans

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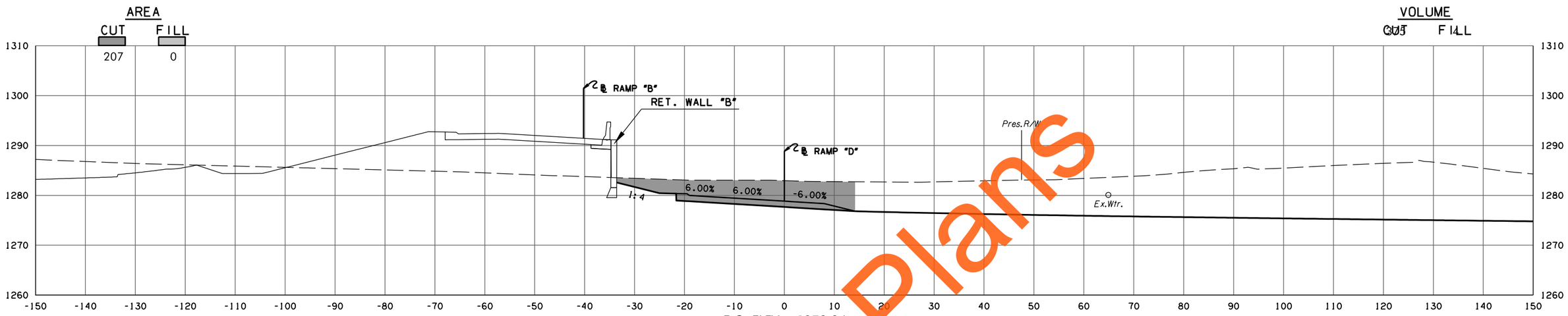
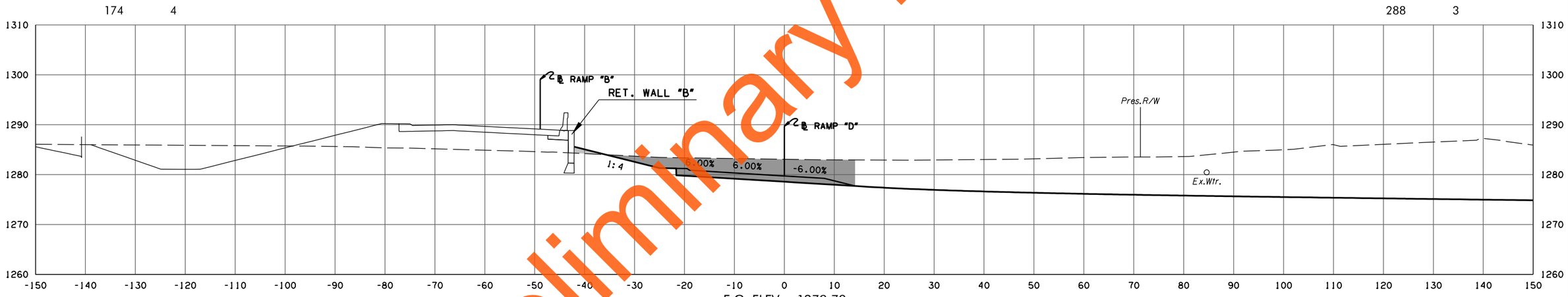
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

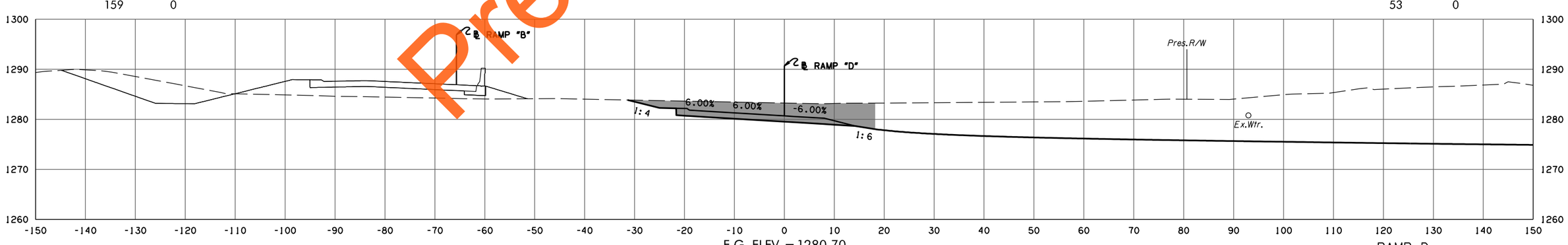
6/28/2023



F.G. ELEV. = 1278.84
72 + 00.00



F.G. ELEV. = 1279.73
71 + 46.75



F.G. ELEV. = 1280.70
71 + 00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X086

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

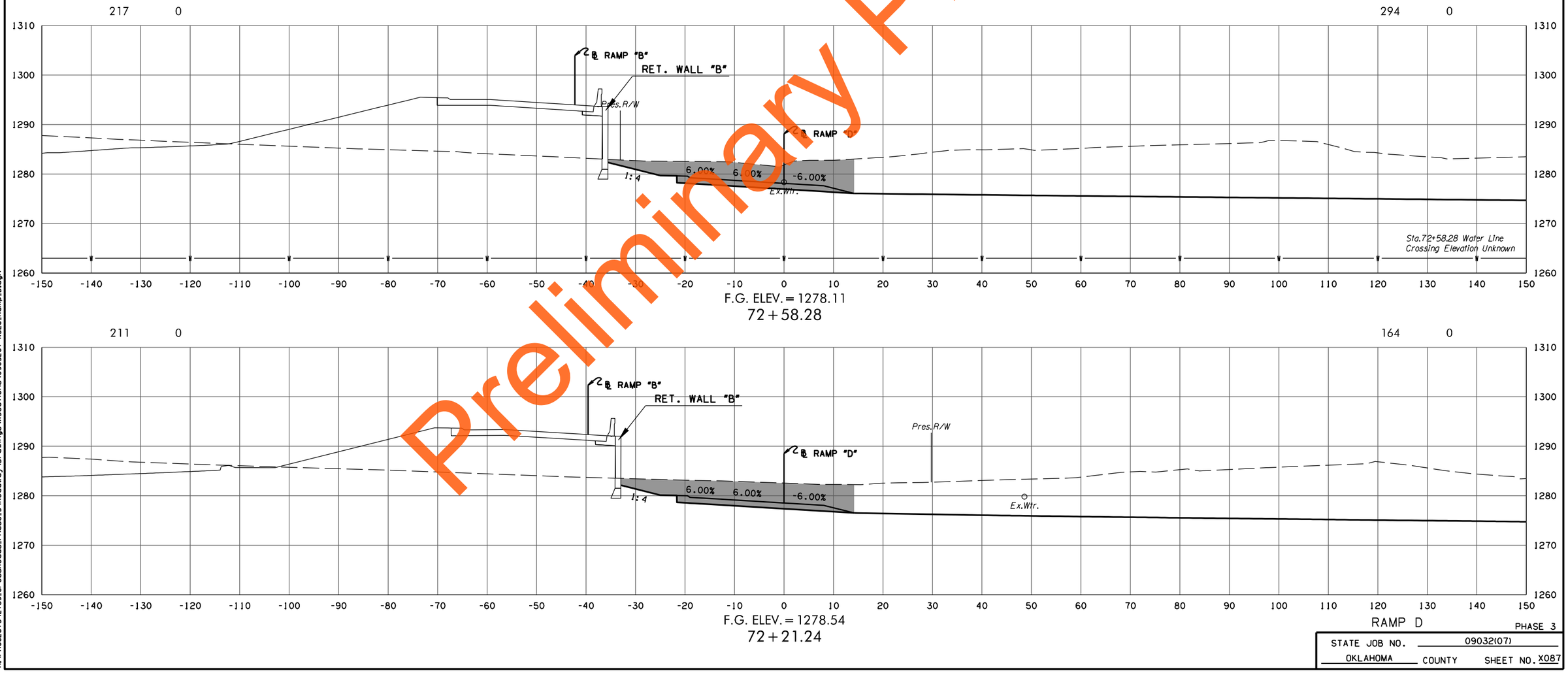
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1278.11
72+58.28

F.G. ELEV. = 1278.54
72+21.24

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X087

6/28/2023 2:43:51 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

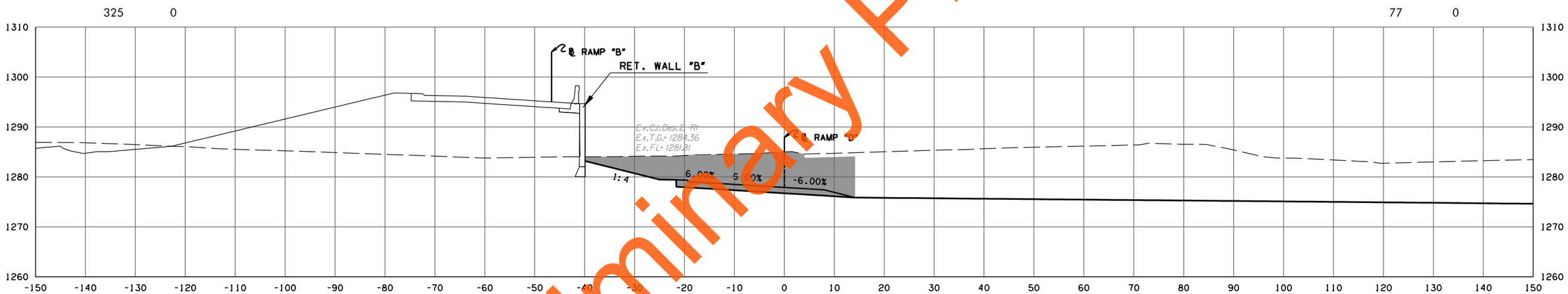
90% PLAN SUBMITTAL

6/28/2023

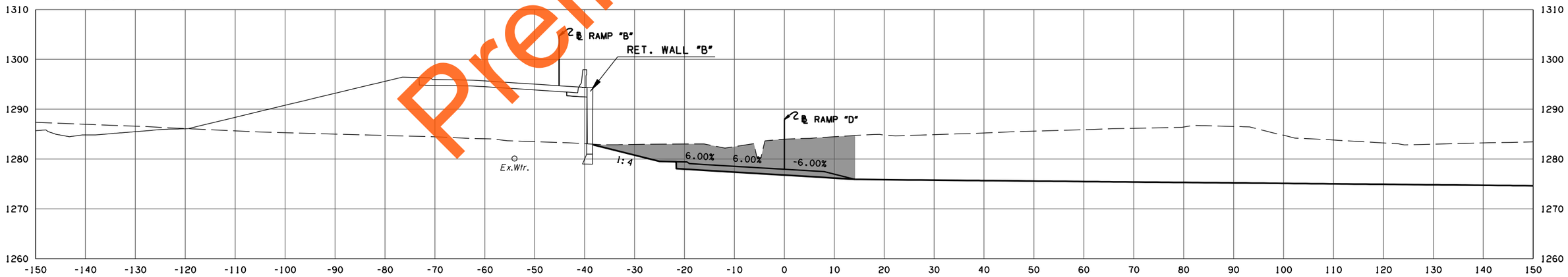
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1277.89
72 + 82.26



F.G. ELEV. = 1277.95
72 + 75.22

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X088

6/28/2023 2:43:52 PM
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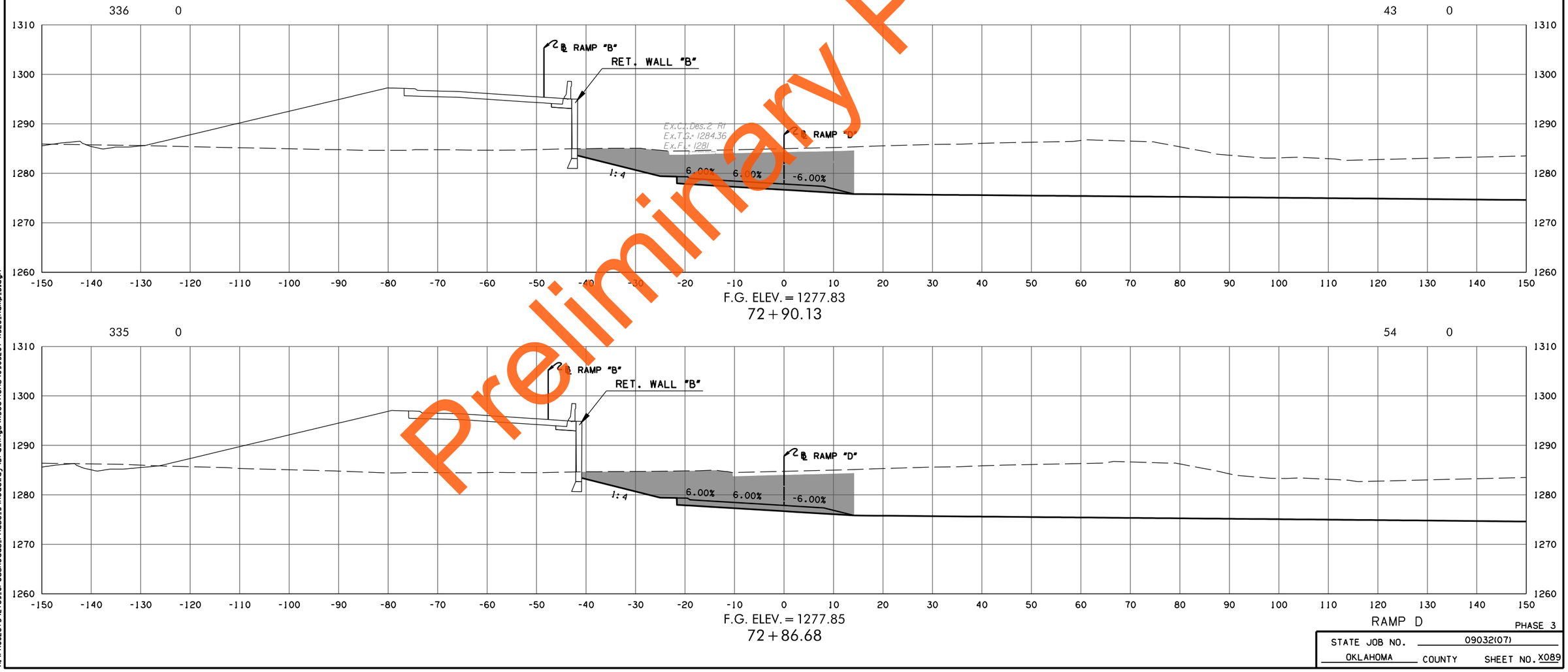
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1277.83
72 + 90.13

F.G. ELEV. = 1277.85
72 + 86.68

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X089

Preliminary Plans

6/28/2023 2:43:53 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

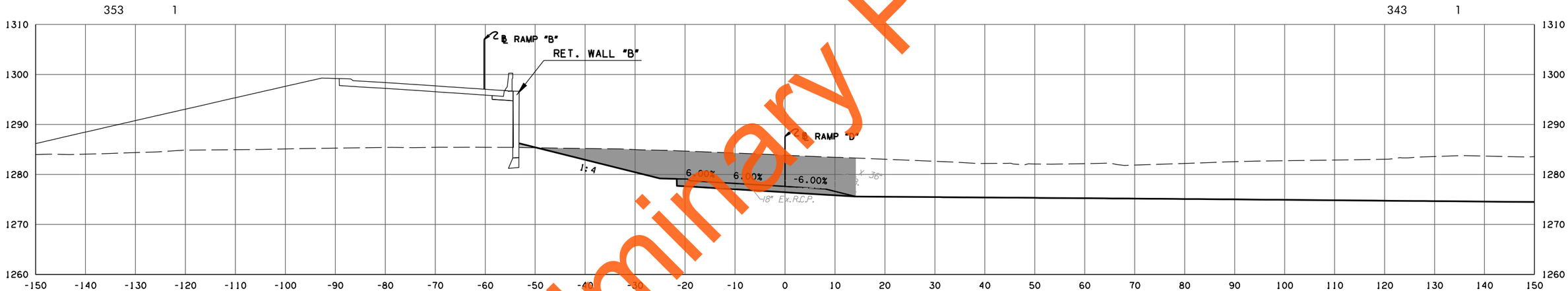
90% PLAN SUBMITTAL

6/28/2023

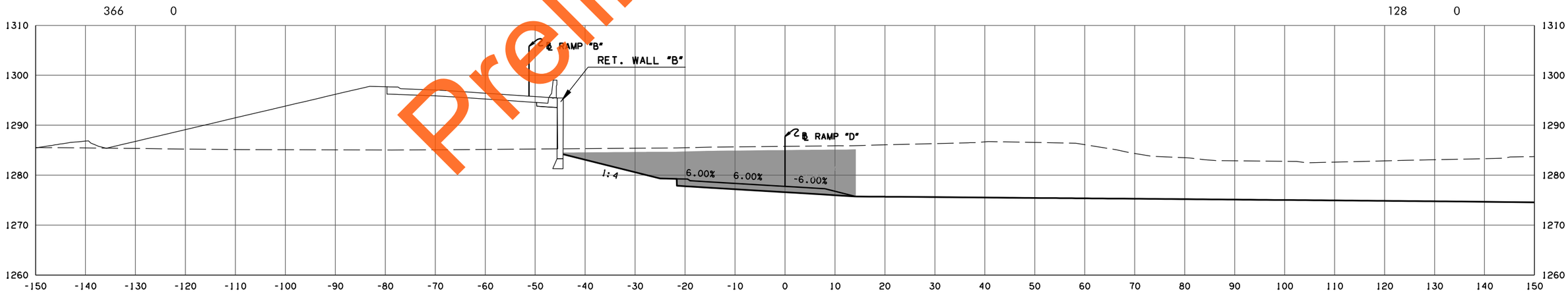
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1277.60
73 + 25.73



F.G. ELEV. = 1277.75
73 + 00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X090

6/28/2023 2:43:54 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

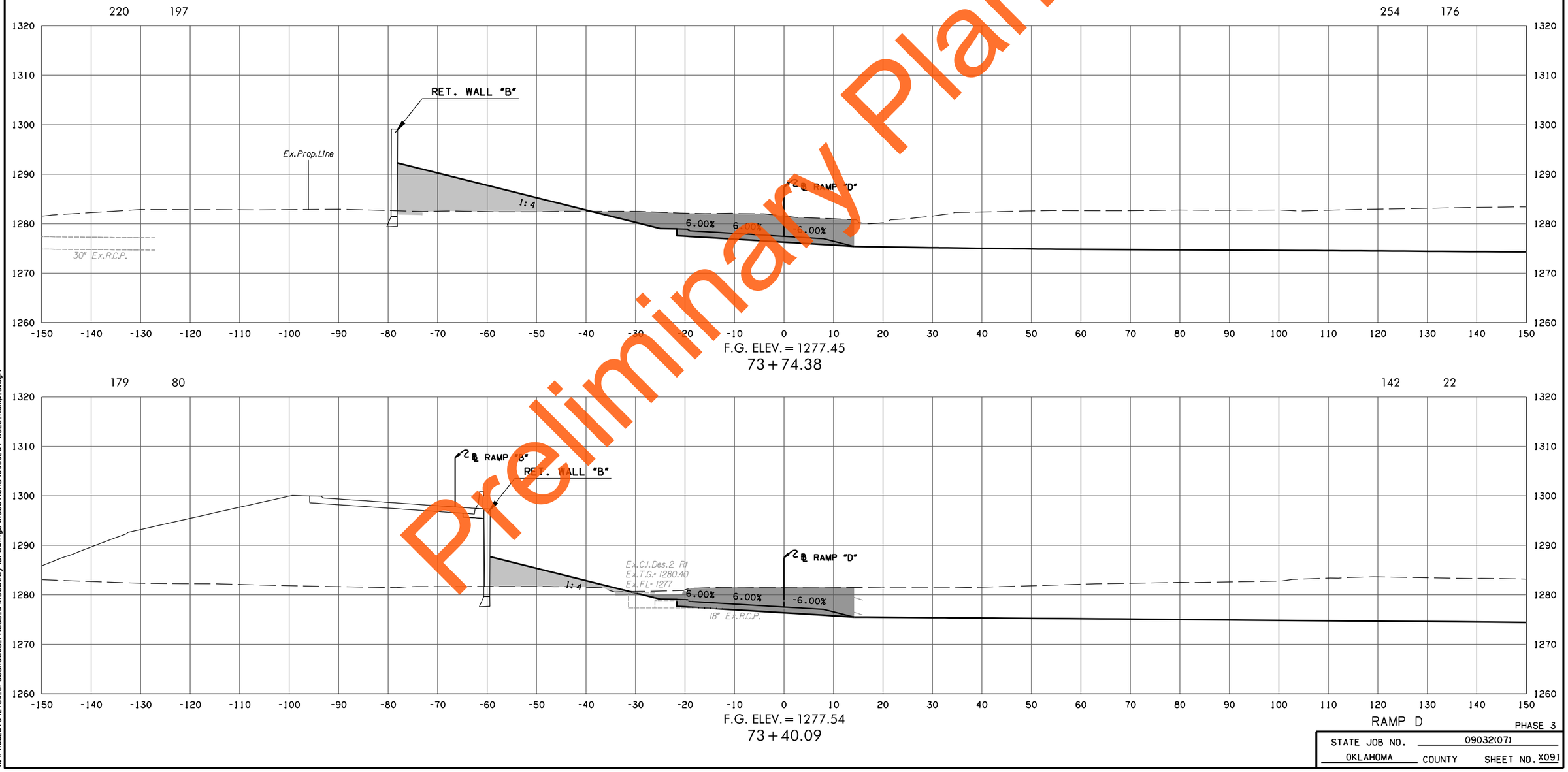
6/28/2023

AREA

CUT FILL

VOLUME

CUT FILL



F.G. ELEV. = 1277.45

73 + 74.38

F.G. ELEV. = 1277.54

73 + 40.09

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X091

Preliminary Plans

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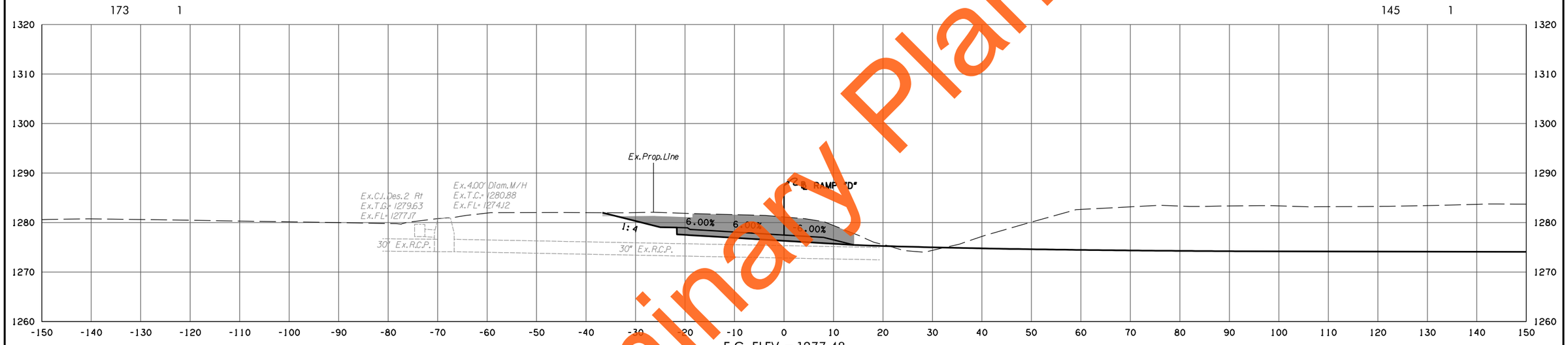
90% PLAN SUBMITTAL

6/28/2023

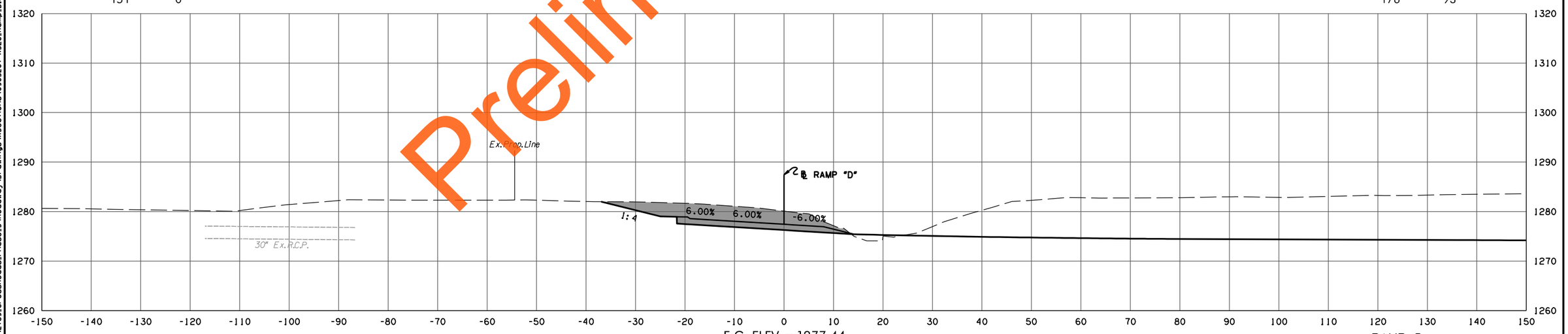
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1277.48
74 + 24.25



F.G. ELEV. = 1277.44
74 + 00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X092

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X093

6/28/2023 2:43:56 PM
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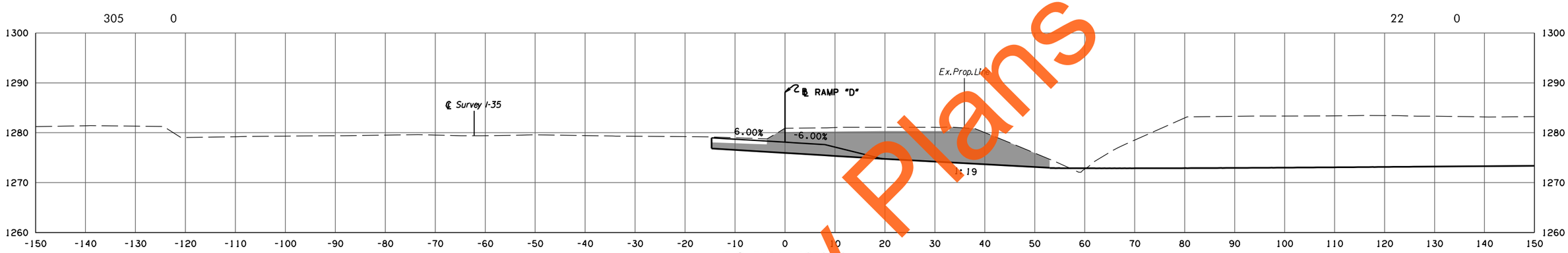
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

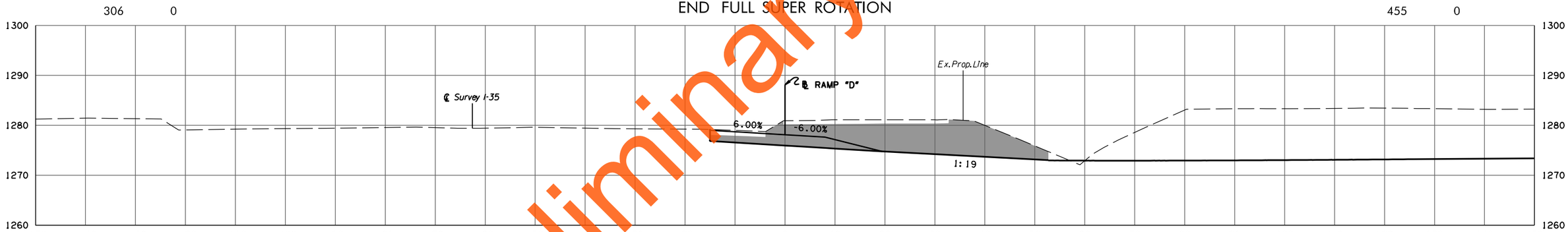
6/28/2023

AREA
CUT FILL

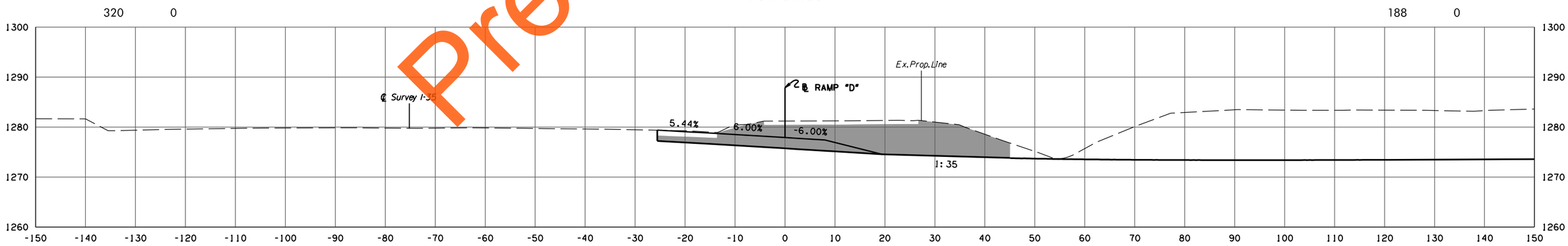
VOLUME
CUT FILL



F.G. ELEV. = 1278.12
75 + 56.82
END FULL SUPER ROTATION



F.G. ELEV. = 1278.11
75 + 54.88



F.G. ELEV. = 1277.91
75 + 15.65

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X094

Preliminary Plans

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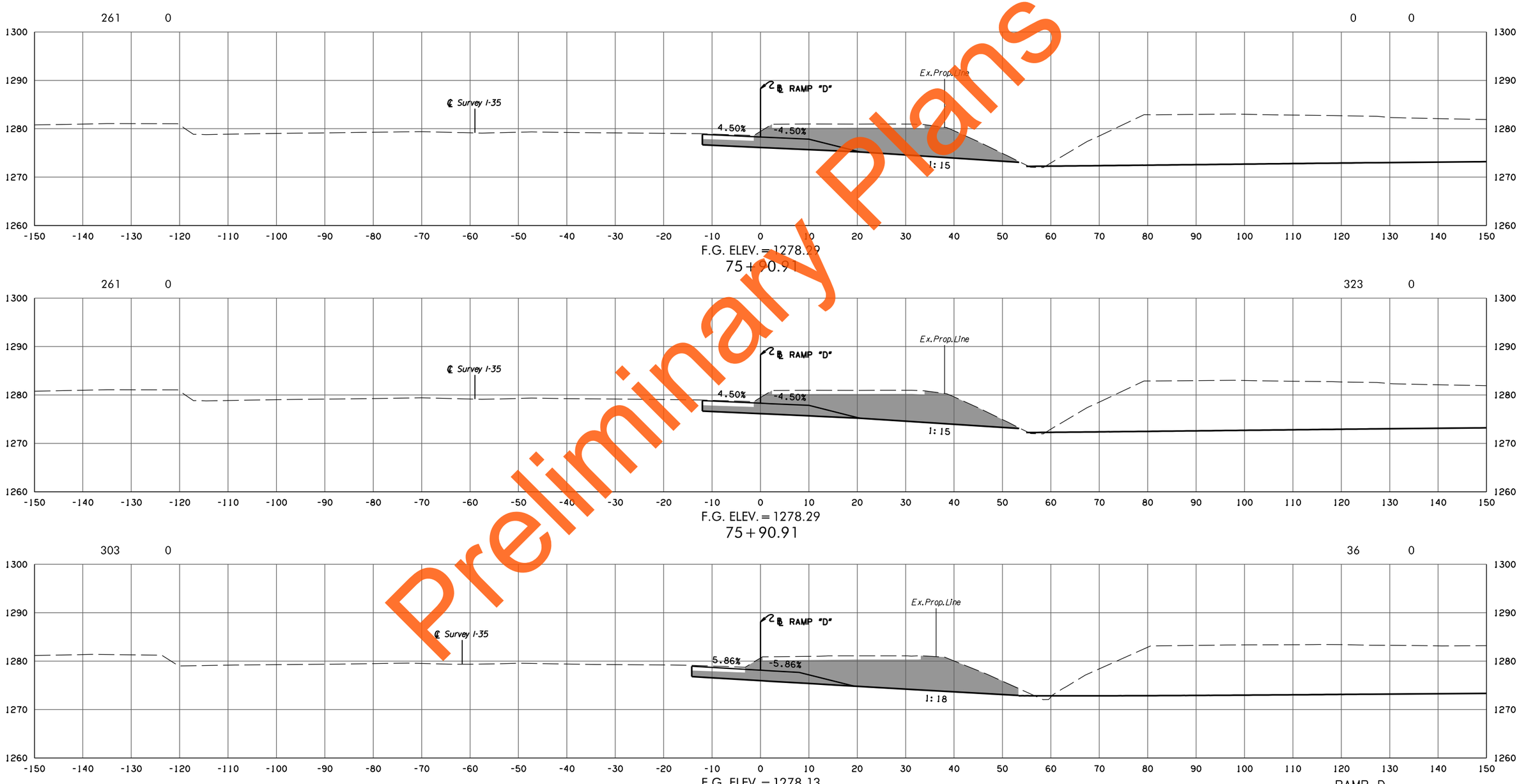
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X095

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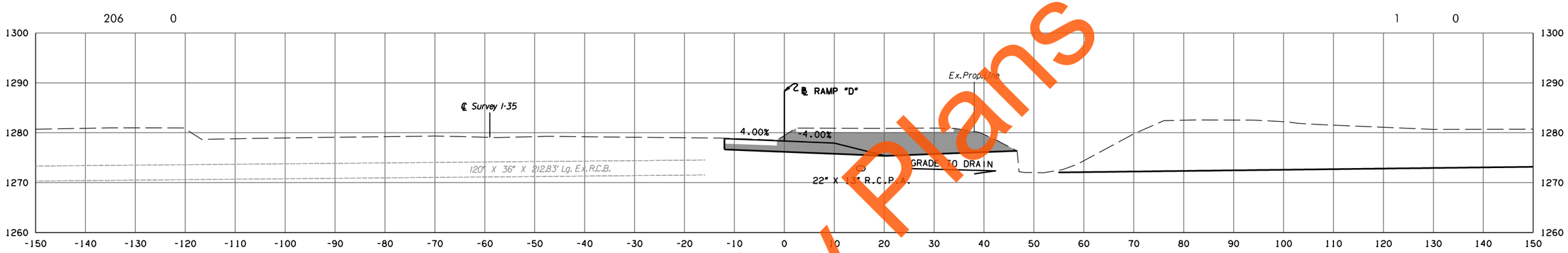
90% PLAN SUBMITTAL

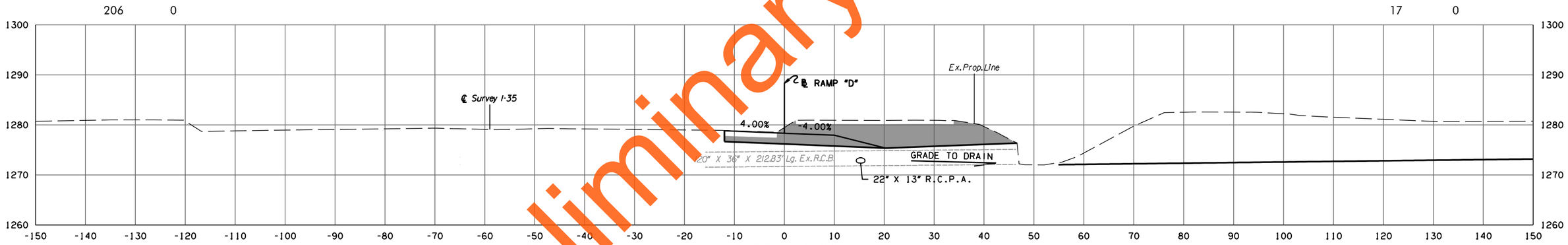
6/28/2023

AREA
CUT FILL

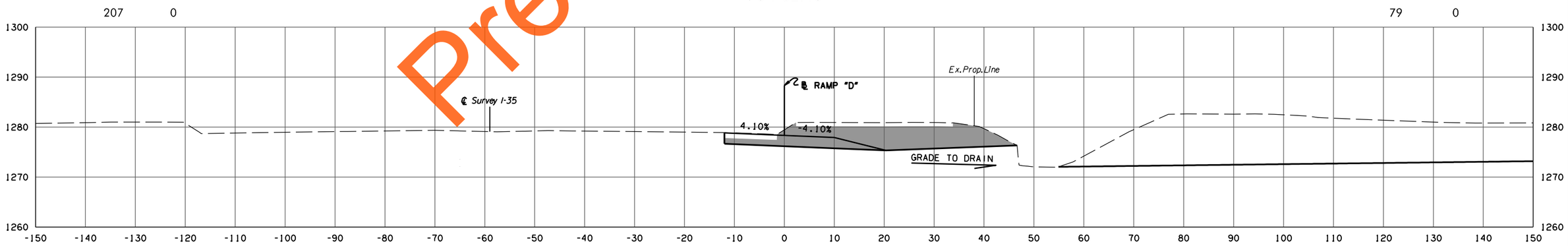
VOLUME
CUT FILL



F.G. ELEV. = 1278.34
76+02.27



F.G. ELEV. = 1278.34
76+02.16



F.G. ELEV. = 1278.34
76+00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X096

Preliminary Plans

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90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X097

6/28/2023 2:43:59 PM
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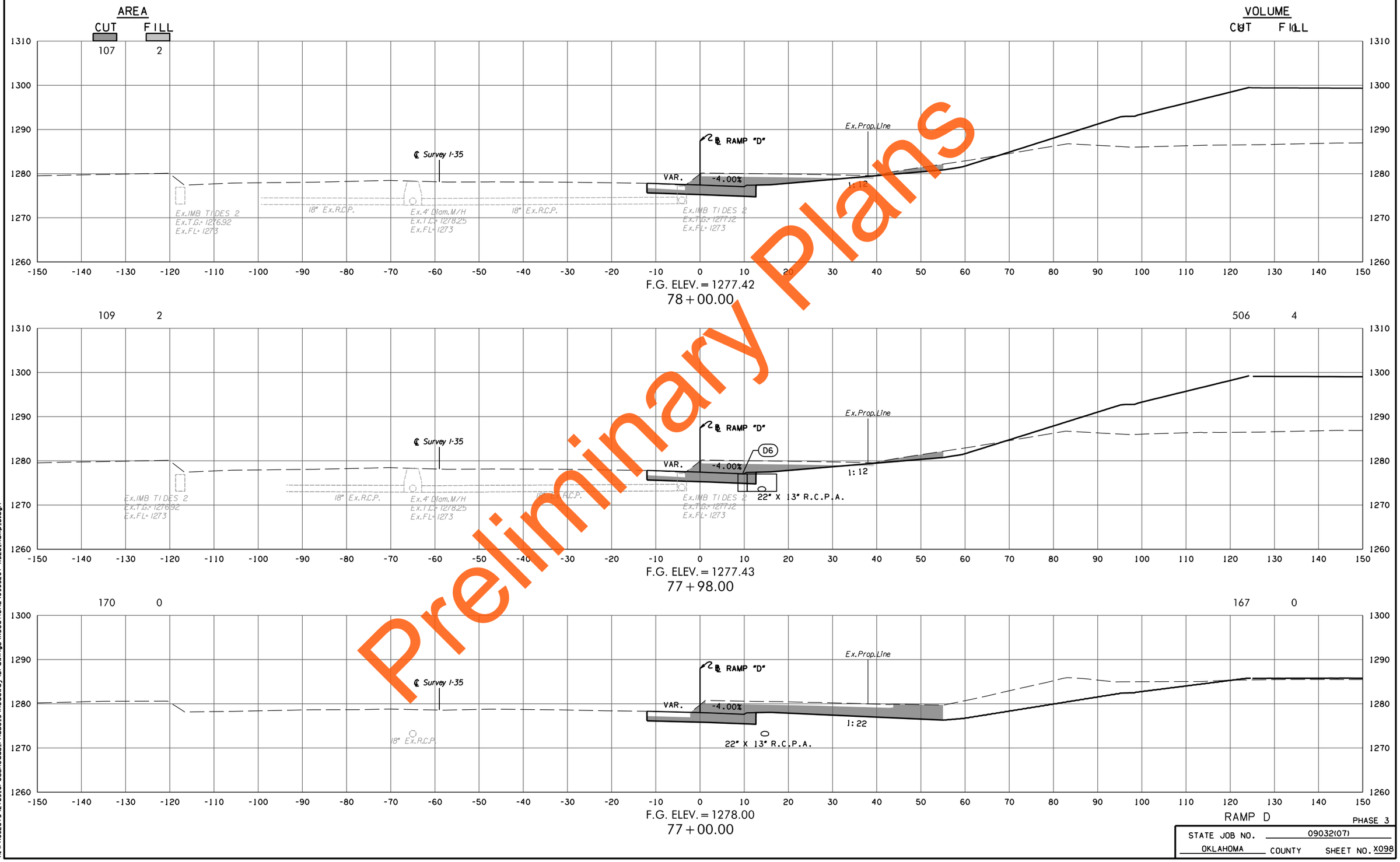
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

Preliminary Plans



RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X098

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90% PLAN SUBMITTAL

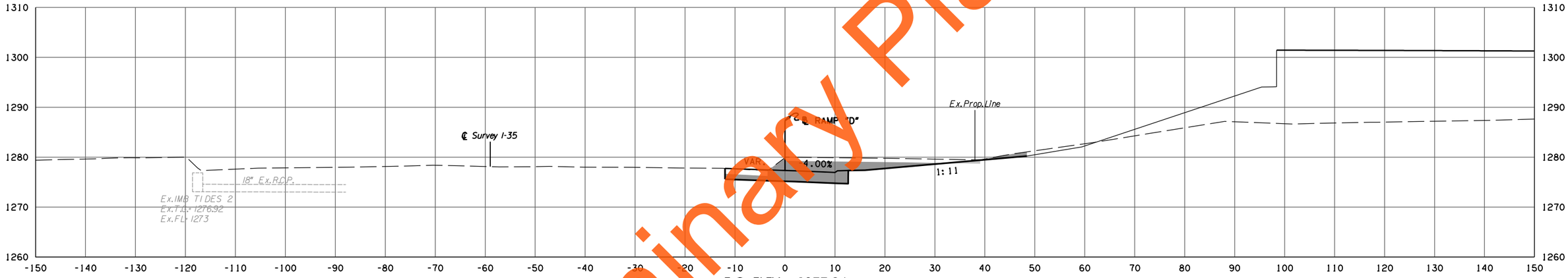
6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

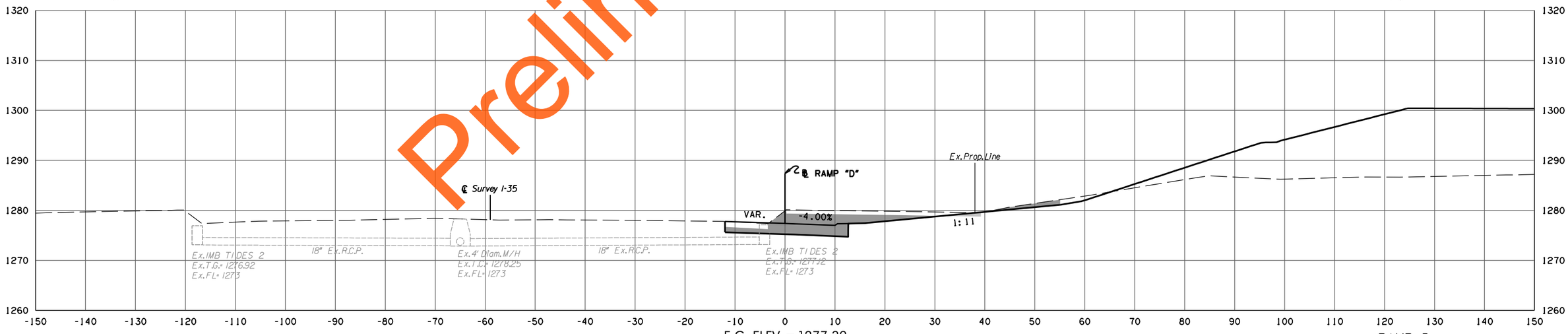
Preliminary Plans

99 2 37 1



F.G. ELEV. = 1277.34
78 + 16.00

102 4 23 1



F.G. ELEV. = 1277.39
78 + 06.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X099

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

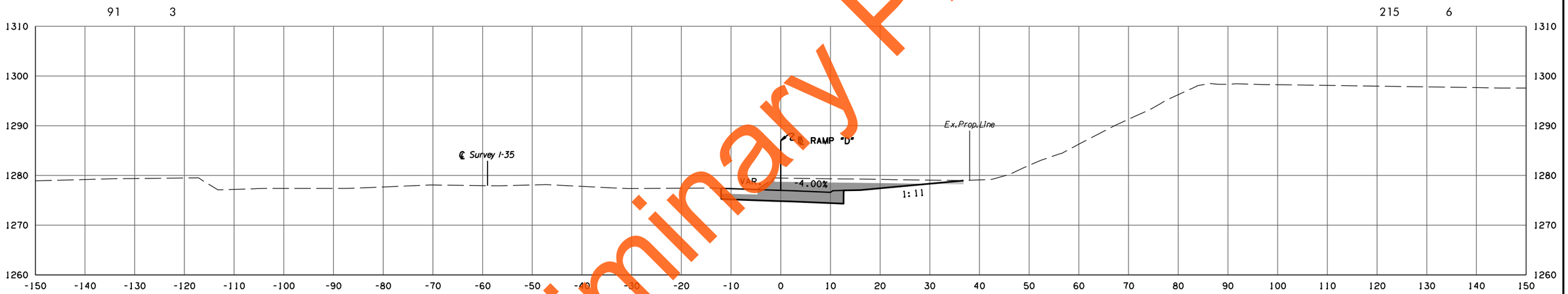
90% PLAN SUBMITTAL

6/28/2023

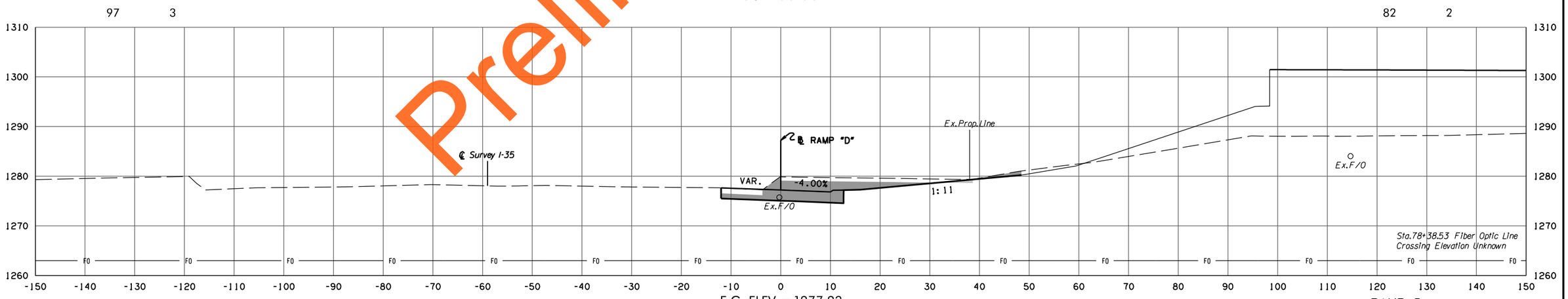
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1277.00
79 + 00.00



F.G. ELEV. = 1277.23
78 + 38.53

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X100

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
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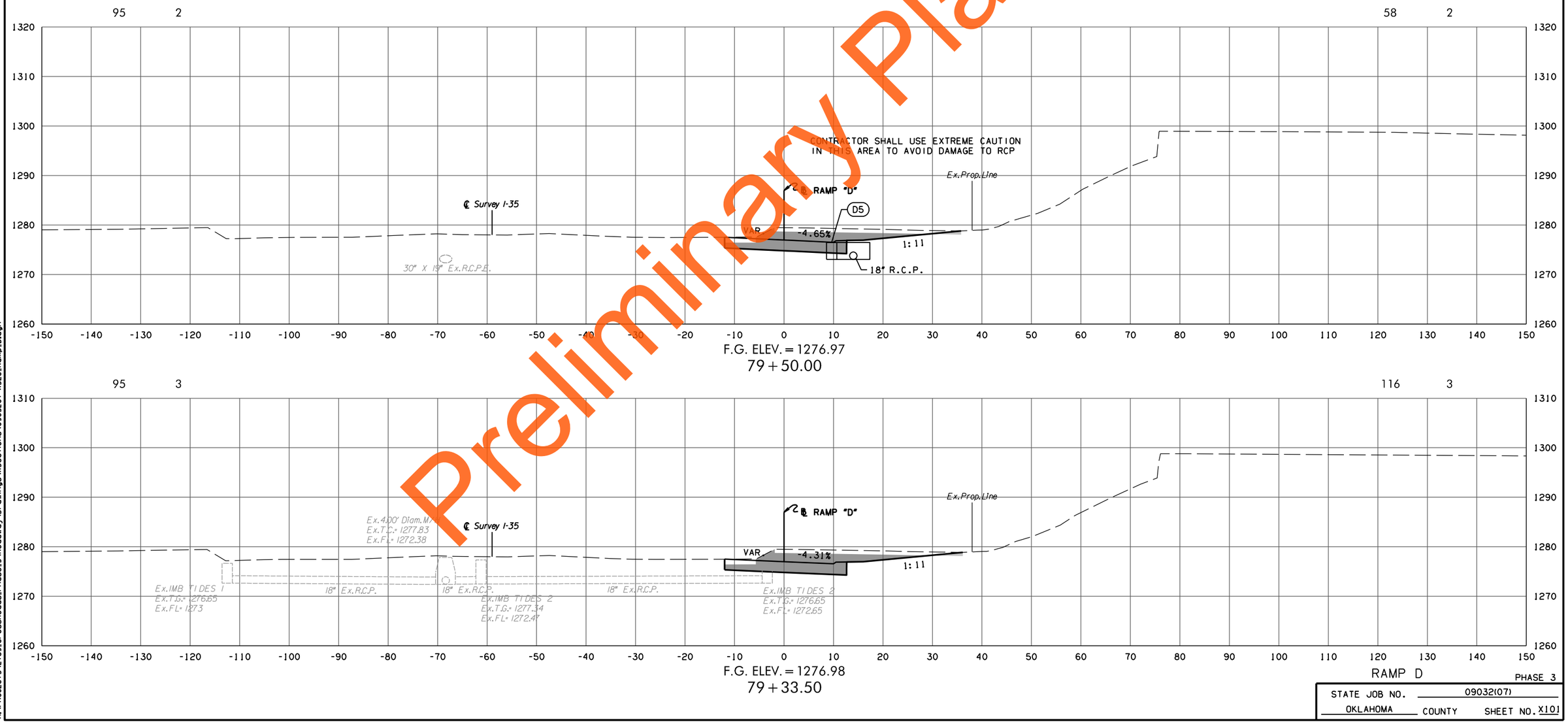

Preliminary Plans

RAMP D PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X101

6/28/2023 2:44:02 PM
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AREA
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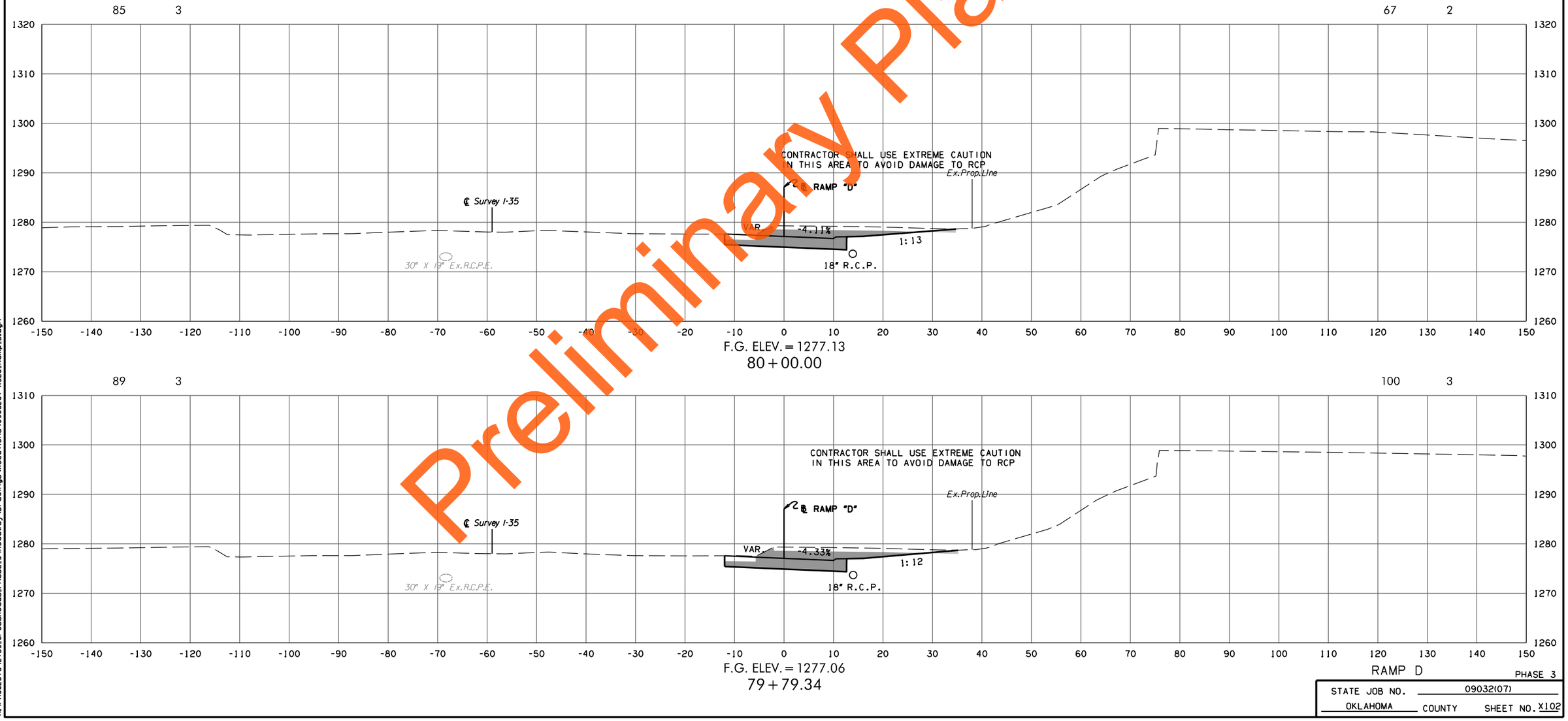
VOLUME
CUT FILL

Preliminary Plans



RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X102

6/28/2023 2:44:02 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

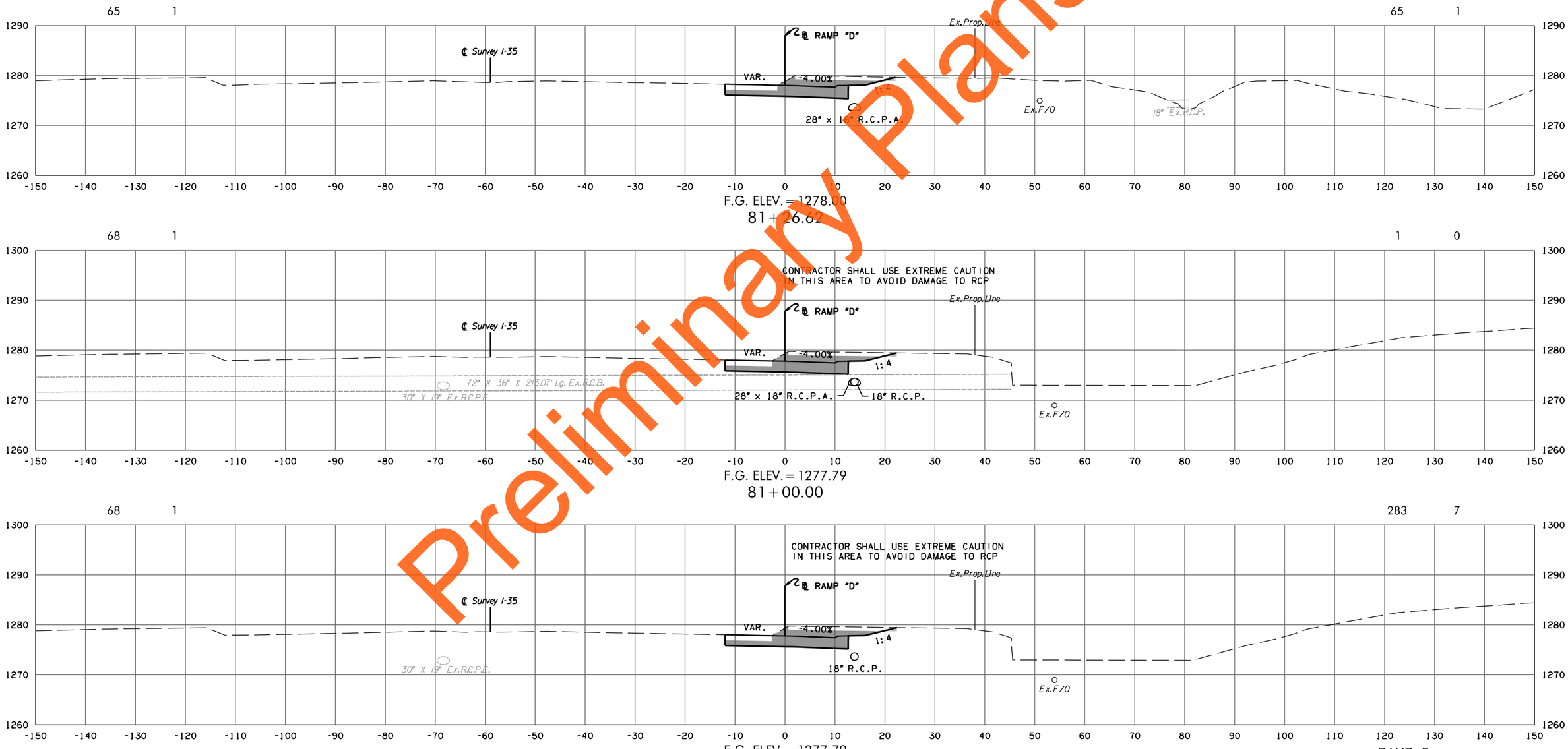
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X103

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X104

6/28/2023 2:44:04 PM
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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans

6/28/2023 2:44:05 PM
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RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X105

(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

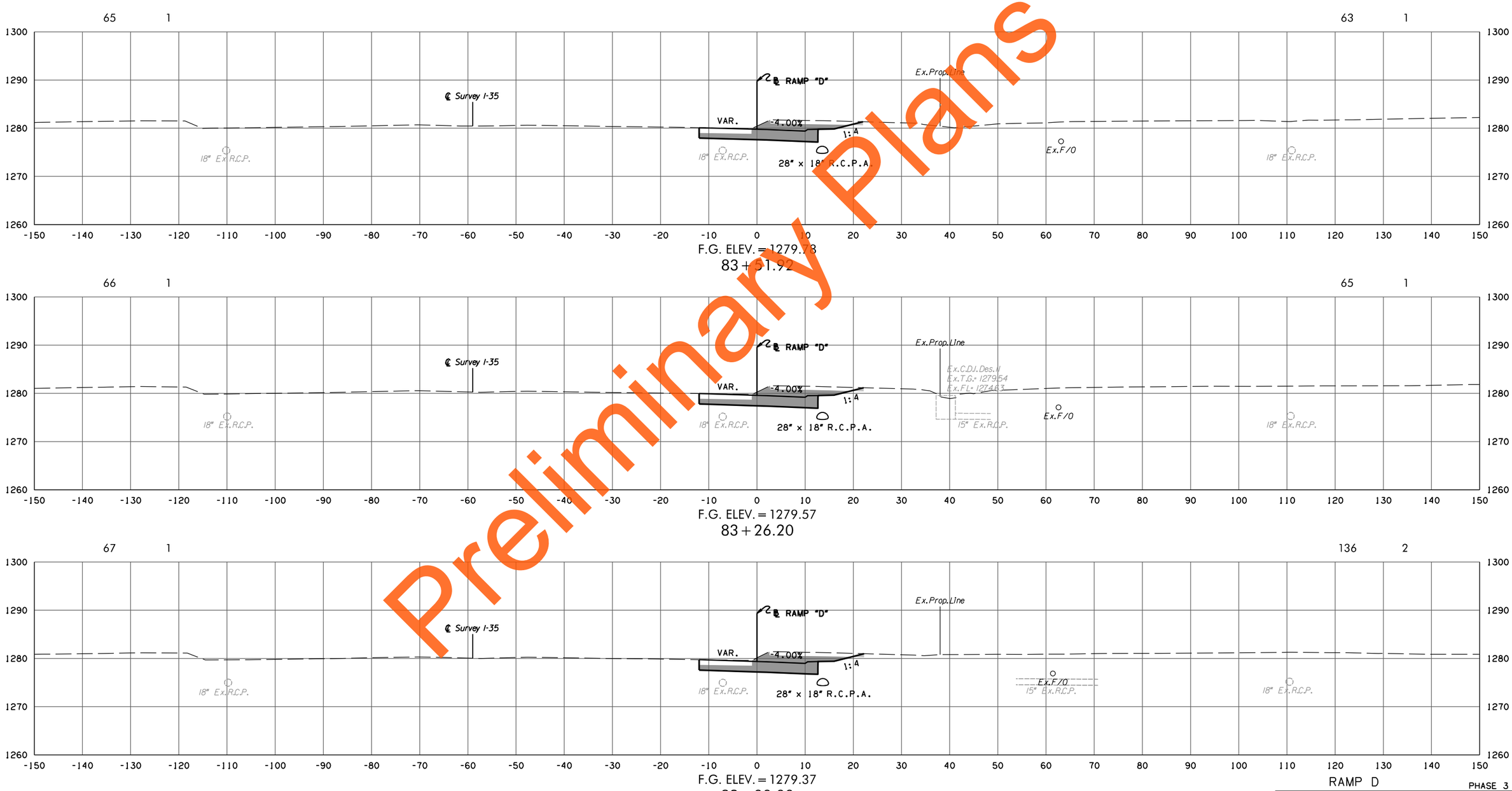
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1279.78
83 + 51.92

F.G. ELEV. = 1279.57
83 + 26.20

F.G. ELEV. = 1279.37
83 + 00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X106

Preliminary Plans

6/28/2023 2:44:05 PM
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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X107

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

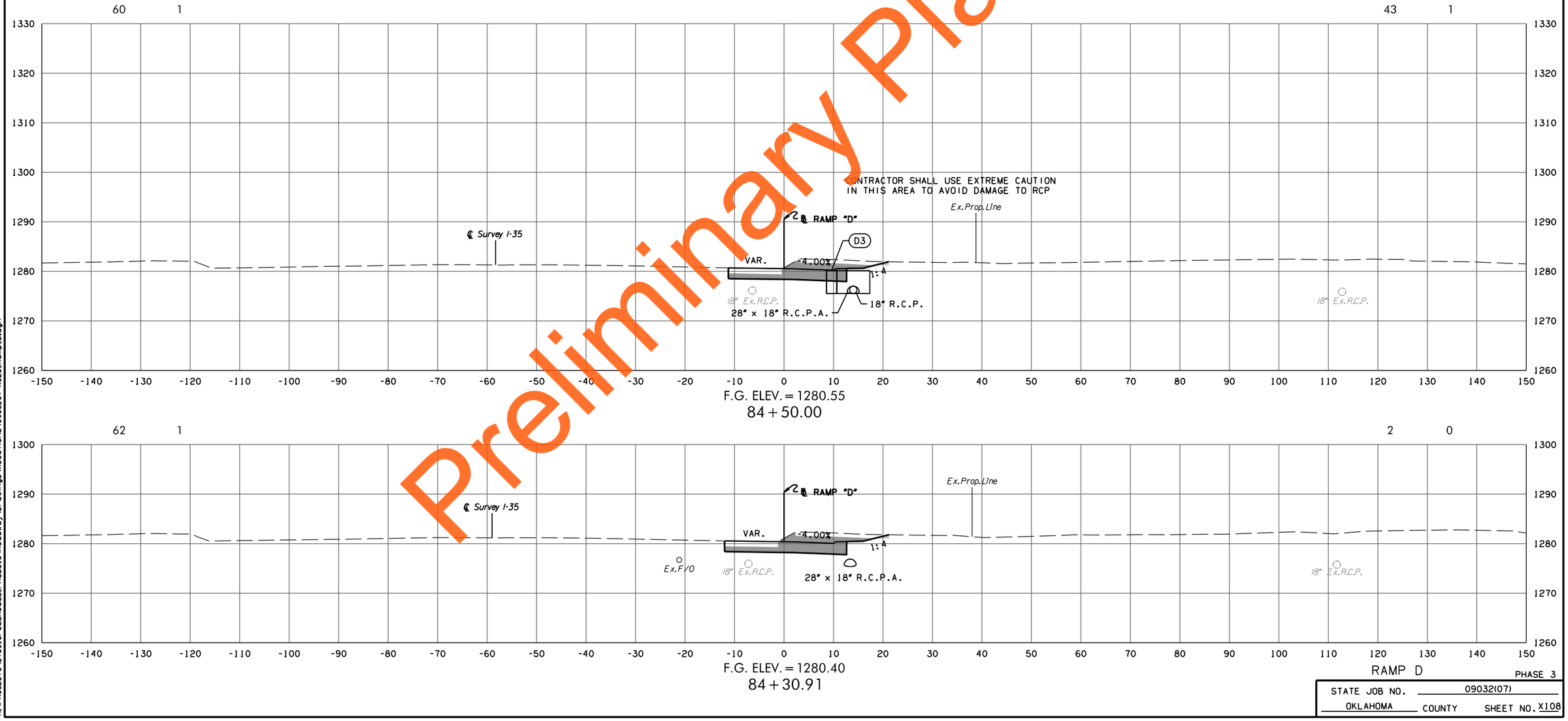
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY

SHEET NO. X108

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

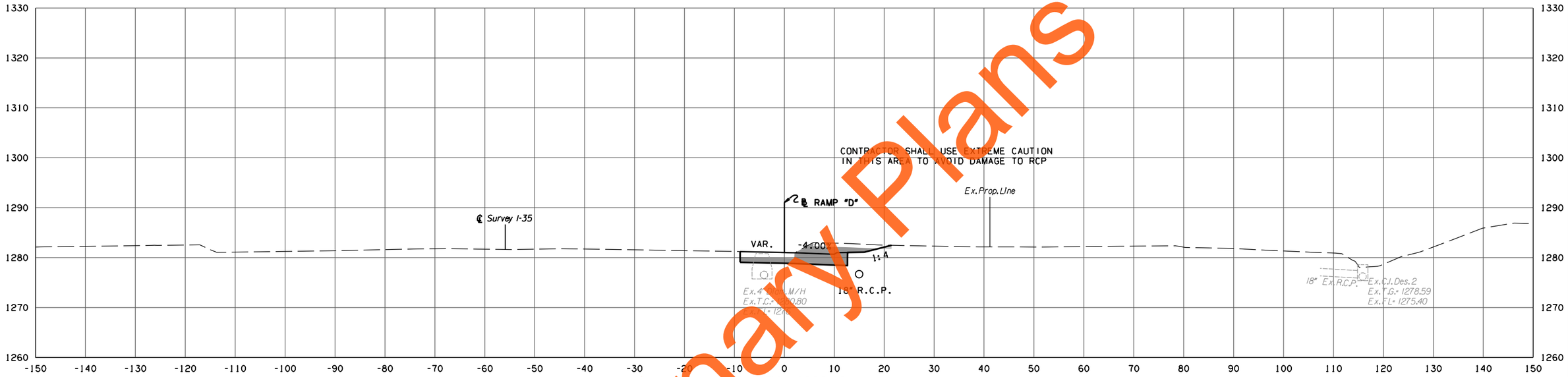
AREA

CUT FILL

VOLUME

CUT FILL

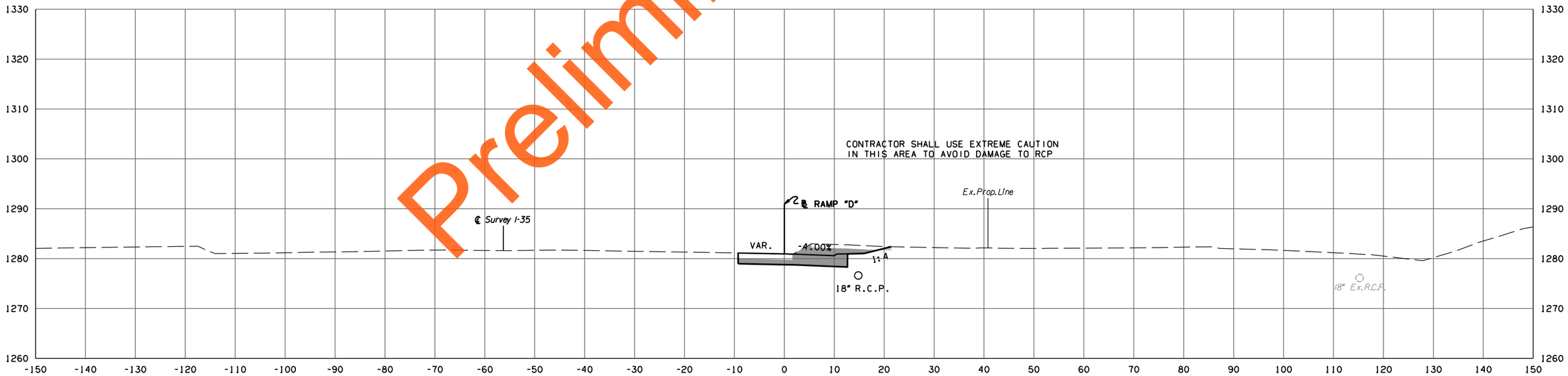
53 1 19 0



F.G. ELEV. = 1281.02

85 + 09.61

54 1 106 2



F.G. ELEV. = 1280.95

85 + 00.00

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X109

Preliminary Plans

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

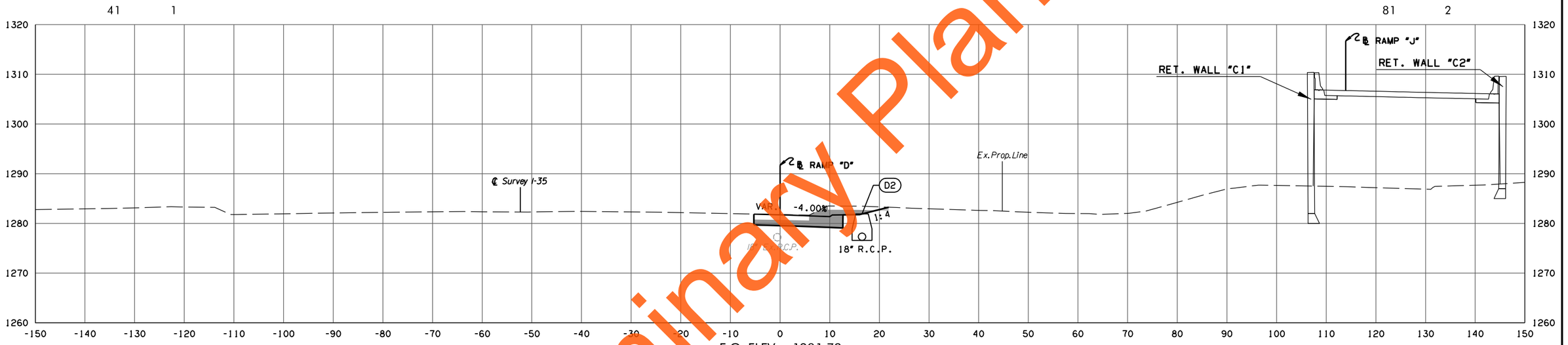
90% PLAN SUBMITTAL

6/28/2023

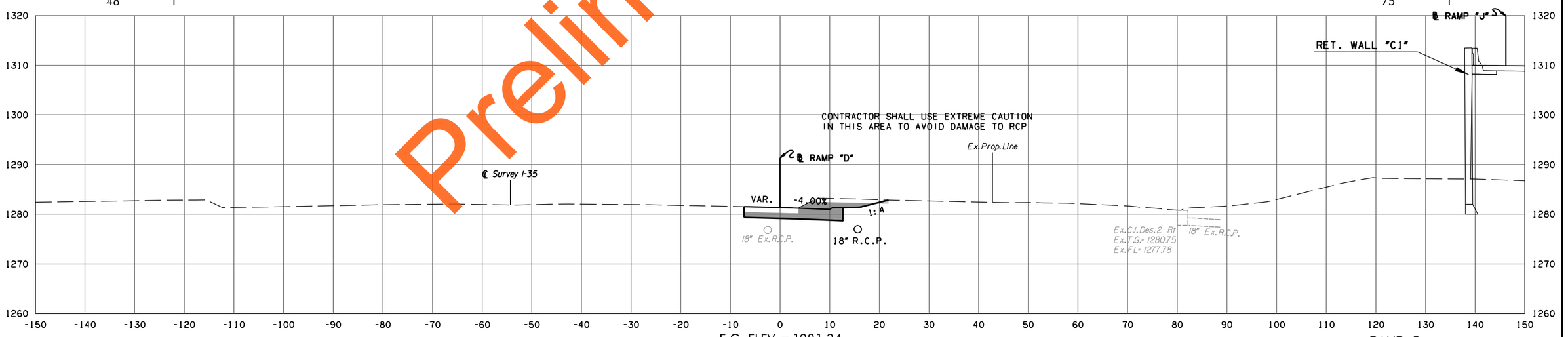
AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1281.73
85 + 99.00



F.G. ELEV. = 1281.34
85 + 49.89

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X110

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

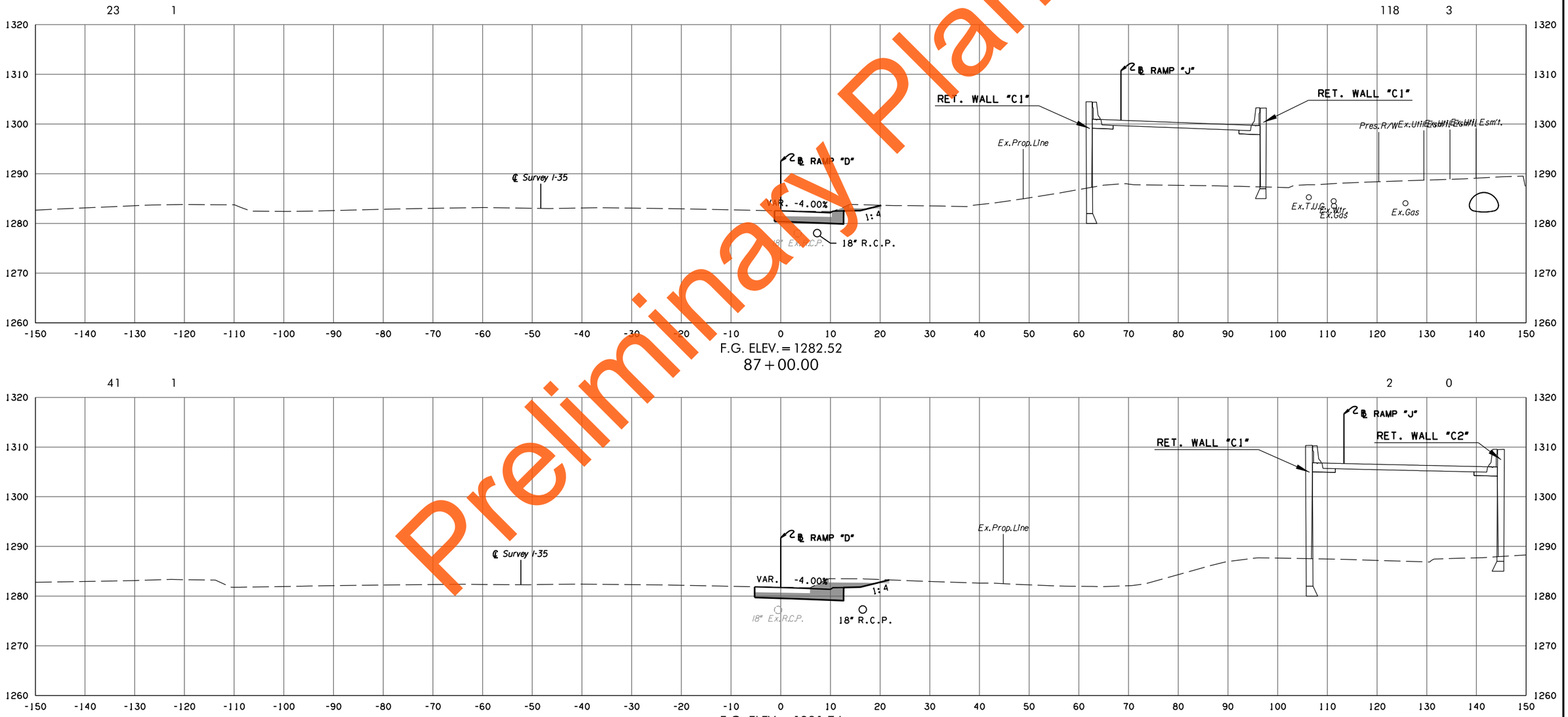
AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans



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PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X111

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(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

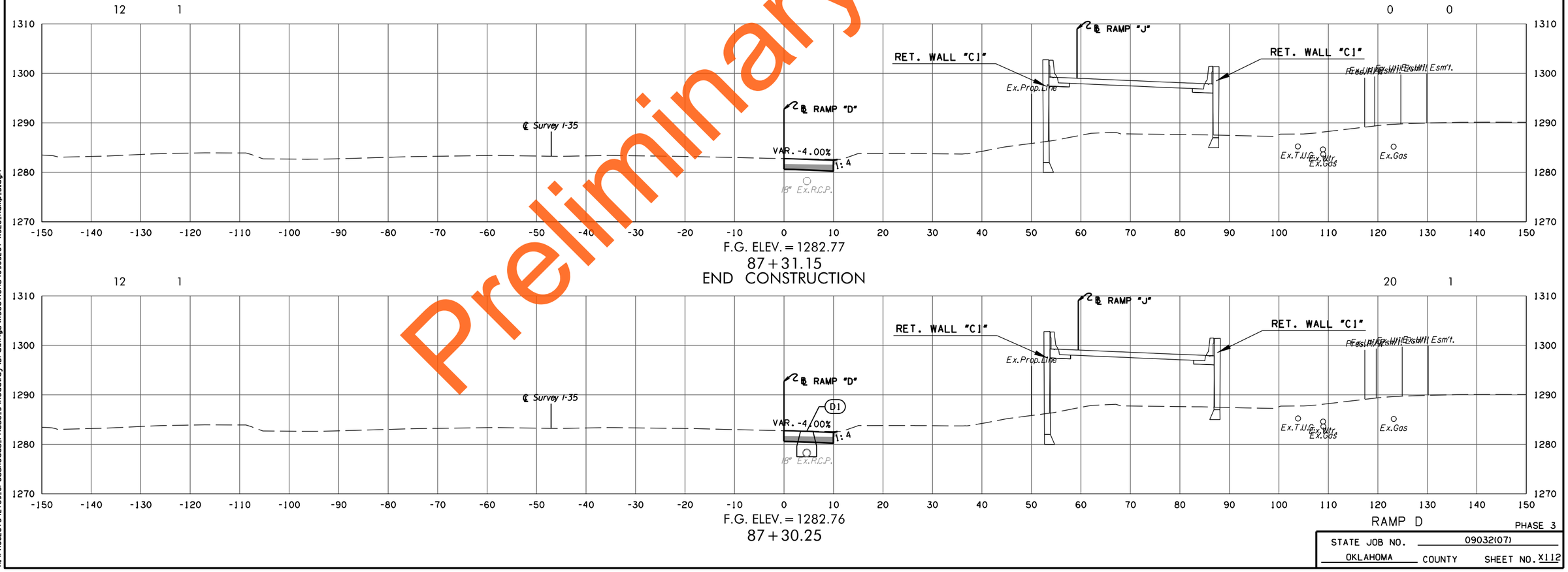
90% PLAN SUBMITTAL

6/28/2023

AREA
CUT FILL

VOLUME
CUT FILL

Preliminary Plans



F.G. ELEV. = 1282.77
87 + 31.15
END CONSTRUCTION

F.G. ELEV. = 1282.76
87 + 30.25

RAMP D

PHASE 3

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X112

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SEE DRAINAGE AREA MAP SHEETS FOR DRAINAGE SYMBOLOGY.

R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

Preliminary Plans

AREA
CUT FILL

VOLUME
CUT FILL

1807 661 3914 883

C.R.L. I-240

℄ CHANNEL "D"

℄ RAMP "B"

℄ RAMP "D"

1: 7

1: 76

F.G. ELEV. = 1272.92
21+72.00

1128 2 50 0

1: 22

1: 39

F.G. ELEV. = 1272.07
21+00.00

1164 1 0 0

1: 22

1: 38

F.G. ELEV. = 1272.05
20+98.83
BEGIN CONSTRUCTION

CHANNEL D

SCALE: 1' = 20'

STATE JOB NO. 09032(07)
OKLAHOMA COUNTY SHEET NO. X113

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R/W & U/E PURCHASED UNDER JP 09032(05)

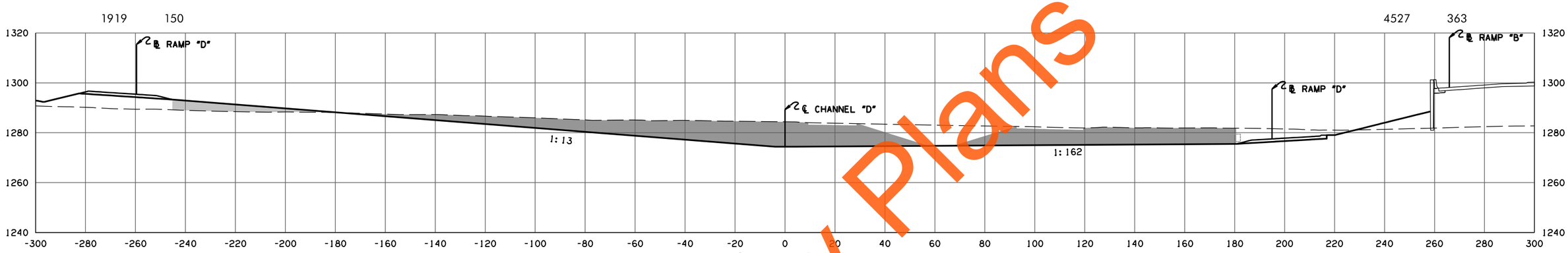
POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

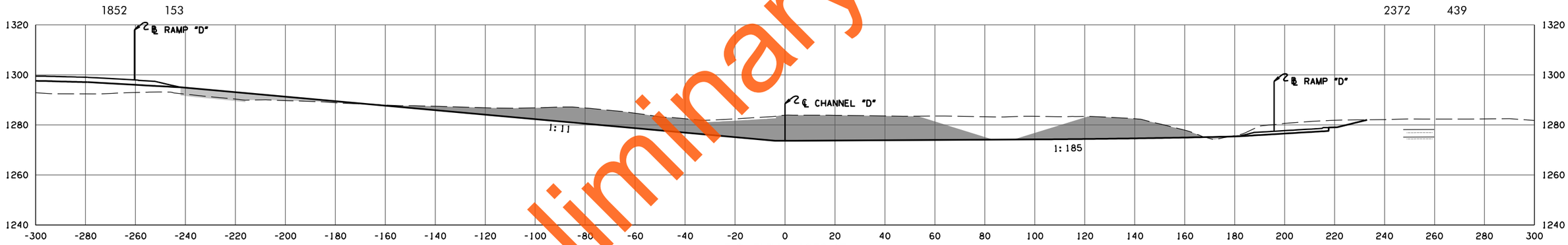
6/28/2023

AREA
CUT FILL

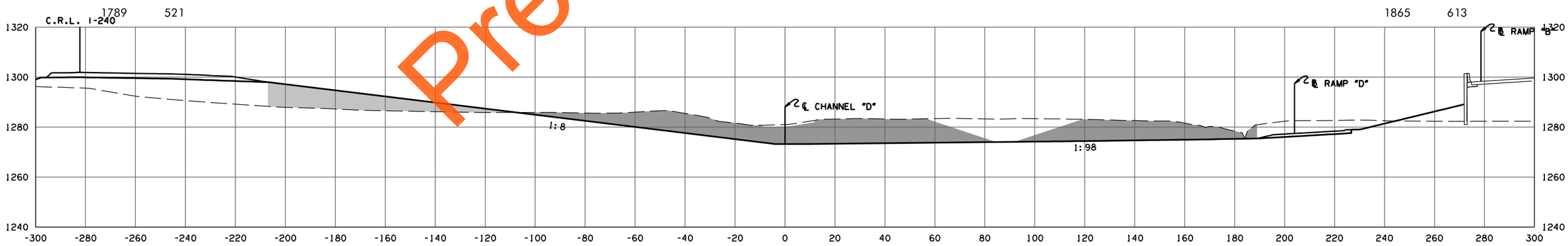
VOLUME
CUT FILL



F.G. ELEV. = 1274.43
23 + 00.00



F.G. ELEV. = 1273.67
22 + 35.18



F.G. ELEV. = 1273.25
22 + 00.00

CHANNEL D

SCALE: 1' = 20'

STATE JOB NO. 09032(07)
OKLAHOMA COUNTY SHEET NO. X114

Preliminary Plans

6/28/2023 2:44:11 PM
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R/W & U/E PURCHASED UNDER JP 09032(05)

POE & ASSOCIATES, OKLAHOMA CITY, OK.

90% PLAN SUBMITTAL

6/28/2023

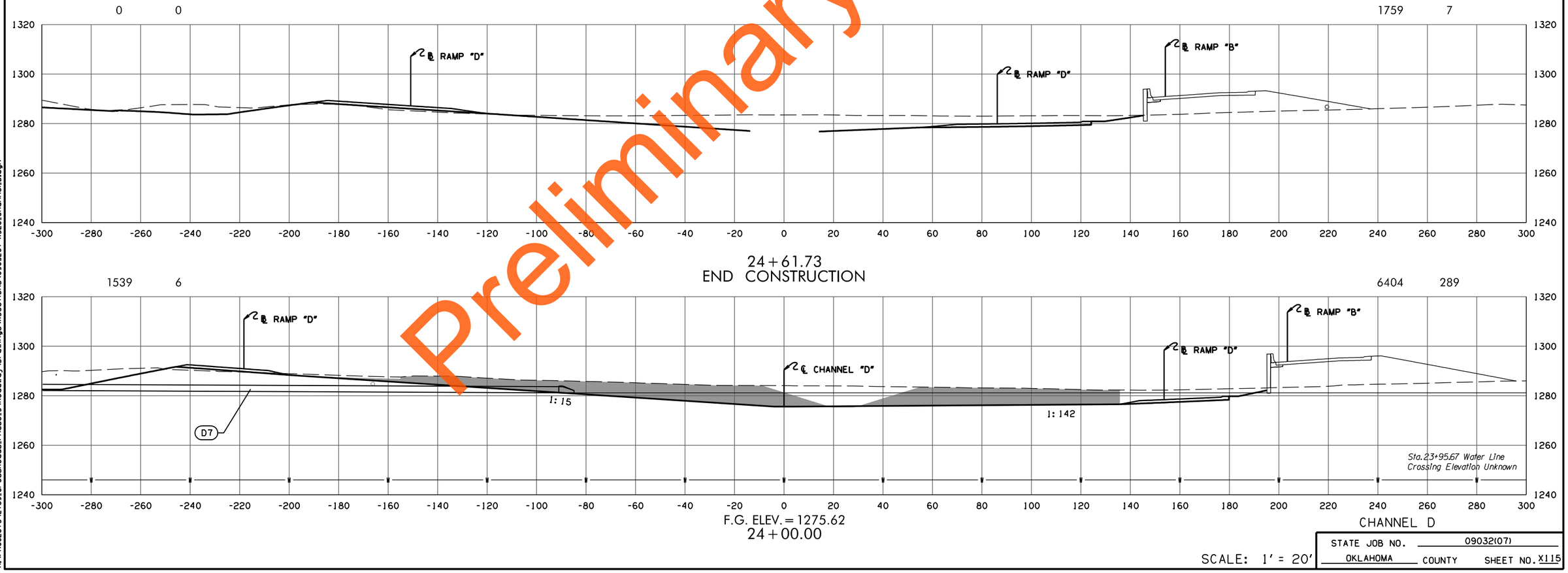
AREA

CUT FILL

VOLUME

CUT FILL

Preliminary Plans



24+61.73
END CONSTRUCTION

F.G. ELEV. = 1275.62
24+00.00

CHANNEL D

SCALE: 1" = 20'

STATE JOB NO. 09032(07)

OKLAHOMA COUNTY SHEET NO. X115

6/28/2023 2:44:11 PM
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