

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
U.S. HIGHWAY

FEDERAL AID PROJECT NO. J3-0410(004)
GRADE, DRAIN & SURFACE
U.S. HIGHWAY 69

ATOKA COUNTY

CONTROL SECTION NO. 69-03-02
STATE JOB NO. 30410(04)

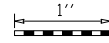
FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS

STA. 2508+00.00, PROJECT J/P 30410(04)
END CONSTRUCTION (C SURVEY US 69)
STA 247+78.03 (CRL US 69-NB)
BEGIN PROJECT J/P 35732(04)

FOR INDEX OF SHEETS AND STANDARDS,
SEE SHEET 0002

MANDATORY TIE:
THIS PROJECT IS A MANDATORY TIE WITH
PROJECT NO. _____
JOB PIECE NO. 35732(04)
AND SHALL BE BID ACCORDINGLY.

DESIGN DATA	
ADT 2021	= 21,000
ADT 2041	= 27,300
DHV (X-WAY)	= 2,100
K (DHV/ADT)	= 10%
D	= 55%
T (% DHV)	= 26%
T (% ADT)	= 28%
T ³ (% ADT)	= 23%
V	= 45MPH
20 YR FLEXALS	= 32.78M

SCALES 

PLAN 1" = 50'

PROFILE HOR. 1" = 50'

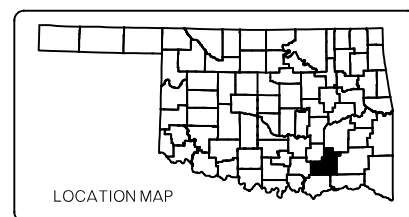
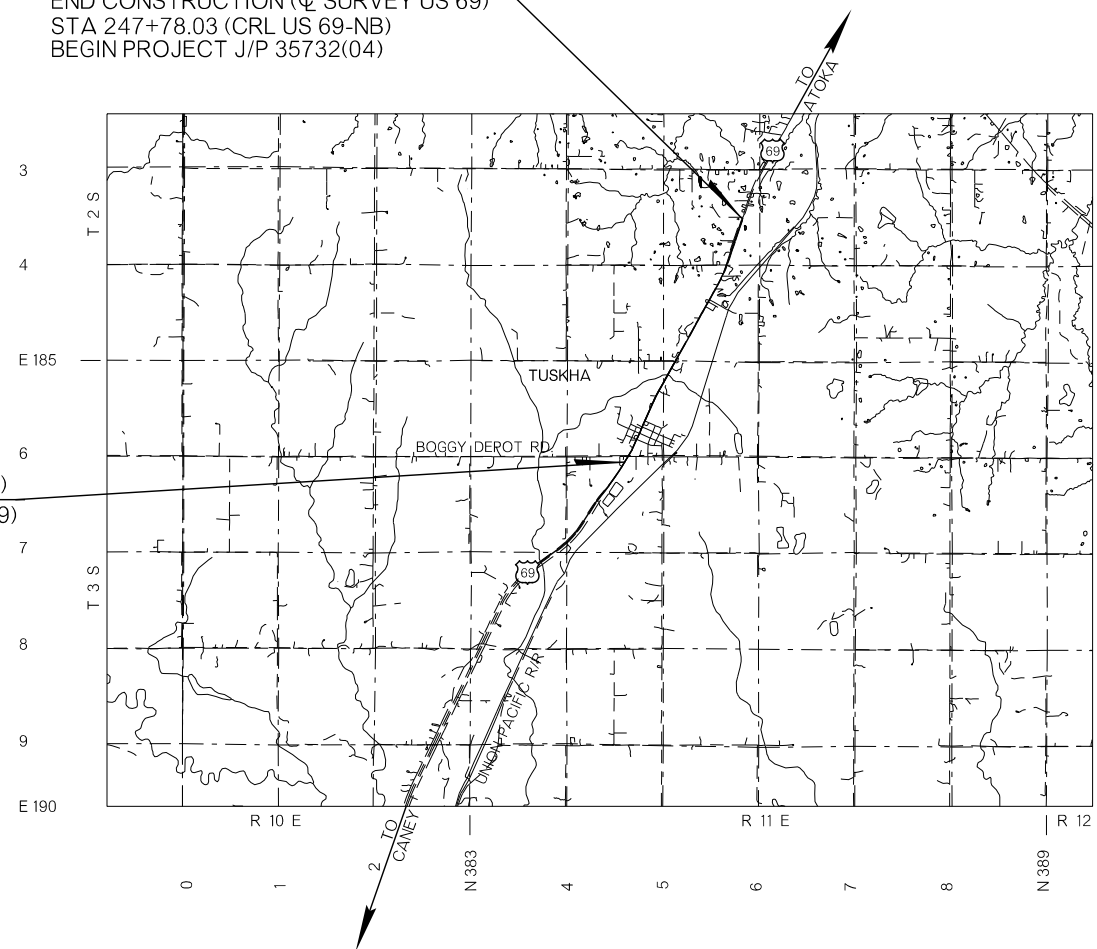
VER. 1" = 10'

LAYOUT MAP 1" = 5,280'

CONVENTIONAL SYMBOLS

- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP
- SECTION LINES
- QUARTER SECTION LINES
- EXISTING FENCE
- PROPOSED FENCE
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- OILWELL
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- CONTROLLED ACCESS
- RIGHT-OF-WAY FENCE


STA. 2371+83.28, PROJECT J/P 30410(04)
BEGIN CONSTRUCTION (C SURVEY US 69)
STA 111+61.64 (CRL US 69-NB)



ROADWAY LENGTH ----- 13,616.39 FT. 2.579 MI.
 BRIDGE LENGTH ----- 0 FT. 0 MI.
 PROJECT LENGTH ----- 2.579 MI.

EQUATIONS : NONE
EXCEPTIONS : NONE

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

<p>PREPARED AND SUBMITTED BY:</p> <p>HNTB</p> <p>HNTB Corporation 101 N. Robinson Ave., Suite 1130 Oklahoma City, OK 73102 www.hntb.com</p>		<p>MARCUS GEIST, P.E. OKLA. LIC. NO. 32085</p>	
<p>DATE APPROVED _____</p> <p>BY _____</p> <p>CHIEF ENGINEER</p>		<p>DATE APPROVED _____</p> <p>BY _____</p> <p>DIVISION ADMINISTRATOR</p>	
<p>SWO 5346(1)</p> <p>COUNTY ATOKA</p>	<p>PROJECT NO. 30410(04)</p> <p>HIGHWAY US 69</p>	<p>SHEET NO. 0001</p>	

THIS DOCUMENT IS PRELIMINARY
IN NATURE AND IS NOT A FINAL,
SIGNED AND SEALED DOCUMENT.
26-JUN-2024

**FINAL FIELD
MEETING**
26-JUN-2024

INDEX OF SHEETS

0001	TITLE SHEET
0002	INDEX OF SHEETS
0003-0009	TYPICAL SECTIONS
AE01	ENVIRONMENTAL NOTES
AR01	SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)
AR02-AR06	SUMMARY SHEET (ROADWAY)
AT01	SUMMARY OF PAY QUANTITIES AND NOTES (TRAFFIC)
AT02	SUMMARY OF PAY QUANTITIES AND NOTES (LIGHTING & SIGNALS)
AT03-AT06	SUMMARY SHEET (TRAFFIC)
E001	SECTION 404 PERMIT COMPLIANCE
R001	DRAINAGE AREA MAP
R002-R003	DRAINAGE STRUCTURE DESIGN RECORD
R004	STORMWATER MANAGEMENT PLAN
R005-R013	STORM SEWER PROFILES
R014-R020	EROSION CONTROL DETAIL SHEETS
R021-R028	GEOMETRIC LAYOUT SHEETS
R029-R035	REMOVAL SHEETS
R036	JOINT LAYOUT DETAIL SHEET
R037-R043	INTERSECTION DETAIL SHEETS
R044-R048	MASS HAUL DIAGRAM SHEETS
R049-R090	PLAN & PROFILE SHEETS
S001-S019	SURVEY DATA SHEETS
T001-T031	SUGGESTED CONSTRUCTION SEQUENCE AND TRAFFIC CONTROL
T032-T038	SIGNING AND STRIPING SHEETS
T039-T043	SPECIAL SIGN DETAILS
T044-T046	SIGNAL PLAN
T047	SIGNAL DEMOLITION PLAN
T048-T049	SIGNAL ELEVATIONS
T050-T051	SIGNAL WIRING
T052-T057	LIGHTING PLAN
T058	LIGHTING WIRING DIAGRAMS
T059	LIGHT POLE SCHEDULE
X001-X151	CROSS SECTION SHEETS

THE FOLLOWING STANDARD DRAWINGS WILL BE REQUIRED:

ROADWAY	TRAFFIC (2009)	BRIDGE
BMPR-0	TCS1-1-01	CCD1-1-00
TESCA-0	TCS2-1-00	PBD1-1-00
RSF-0	TCS3-1-01	GMF1-2-01
TSD-0	TCS4-1-01	HLBP1-1-01
TFL-0	TCS5-1-00	HLGN1-1-01
CWA-0	TCS6-1-02	HLPD1-1-00
SSS-2-1	TCS7-1-02	PPD1-2-00
ASCD-6-1	TCS8-1-00	HLD1-2-01
CSCD-6-2	TCS9-1-01	HLD2-2-01
LECS-5-2	TCS10-1-00	HLMMA3-1-01
LTU-5-1	TCS11-1-01	SPD1-1-00
PR-4-1	TCS13-1-00	SCD1-1-00
PED-4-1	TCS14-1-00	TEWD1-2-00
WCR-4-2	TCS16-1-00	PMAP1-2-01
TWD-2-2	TCS18-1-01	SPBP1-1-01
PCES-5-1	TCS19-1-01	SA1-1-02
CDIP-2-2	TCS20-1-00	SNS1-1-02
SSCD-4-1	TCS21-1-02	TSSS1-1-00
PCI-1-1	TCS22-1-00	PWD1-2-00
SSIF-5-1	TCS24-1-02	CFD1-2-01
CIG-4-1	TCS25-1-00	CC1-1-00
MFC-5-1		TSSP1-1-00
MJB-4-2		MAD1-1-01
PRM-1-2		RPMAD1-1-01
PMD-1-1		MDL1-1-00
SPI-5-2		MDL2-1-00
PBB-1-2		
FHTCP-4-1		
SBI-5-2		
MI-4-2		
RDI-4-1		
DC-4-1		
PDT-2-2		
RWF1-3-1		
RWF2-3-1		
RWF3-3-2		
SUEL1-4-1		
SUEL3-4-1		



PAUL HUNTER, P.E.
OKLA. LIC. NO. 18692

DATE _____

RESPONSIBLE FOR:
ELECTRICAL SHEETS (SIGNALS AND LIGHTING)
AT06
T044-T057



ZACHARY JARCHOW, P.E.
OKLA. LIC. NO. 31282

DATE _____

RESPONSIBLE FOR:
DRAINAGE SHEETS
AR05-AR06
E001
R001-R013



MARCUS GEIST, P.E.
OKLA. LIC. NO. 32085

DATE _____

RESPONSIBLE FOR:
ROADWAY SHEETS
0001-0009
AR01-AR04
R014-R090
X001-X151



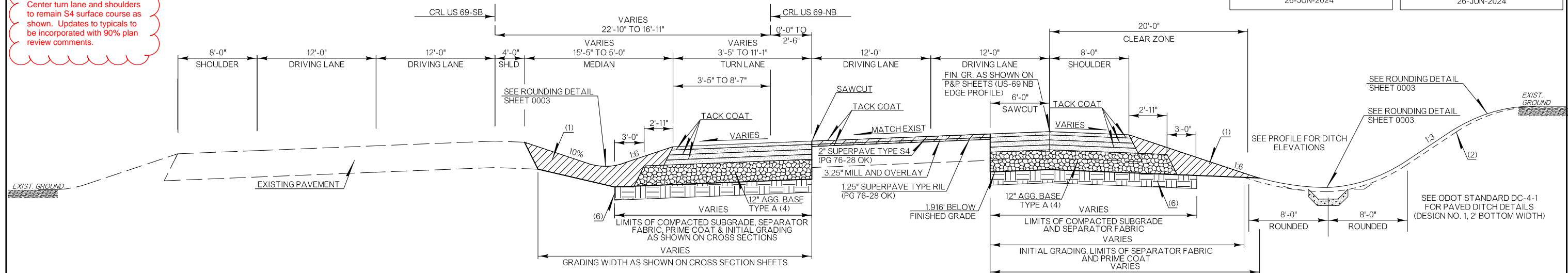
MARCUS GEIST, P.E.
OKLA. LIC. NO. 32085

DATE _____

RESPONSIBLE FOR:
TRAFFIC SHEETS
AT01-AT06
T001-T043

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		INDEX OF SHEETS				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	0002

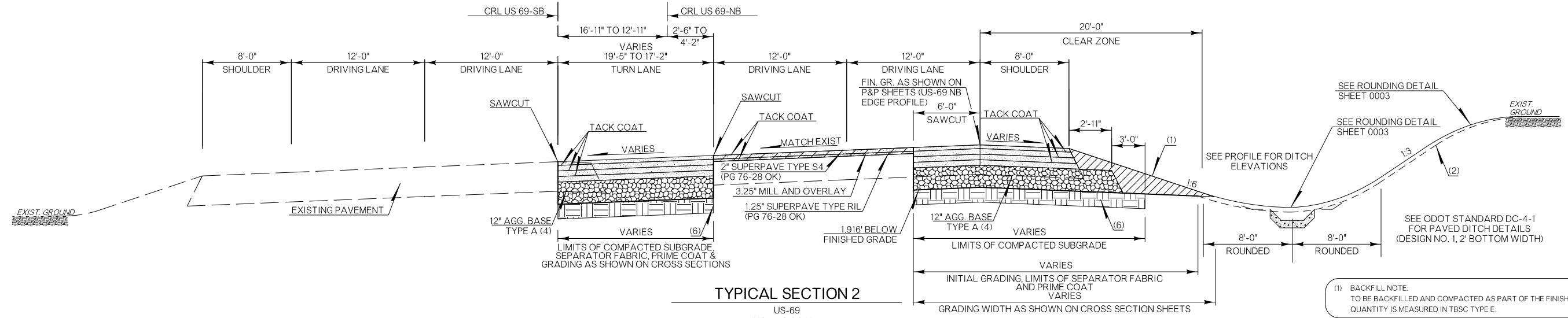
Note to Reviewer: Stone Matrix Asphalt to be used for all surface courses on the driving lanes per District 2 request. Center turn lane and shoulders to remain S4 surface course as shown. Updates to typical to be incorporated with 90% plan review comments.



TYPICAL SECTION 1

US-69 NOT TO SCALE STA. 111+61.64 TO STA. 113+06.14

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING LANES & VARIABLE TURN LANE
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)



TYPICAL SECTION 2

US-69 NOT TO SCALE STA. 113+06.14 TO STA. 114+02.68

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING LANES & VARIABLE TURN LANE
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

(1) BACKFILL NOTE: TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN TBSC TYPE E.

(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 OPERATIONS SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

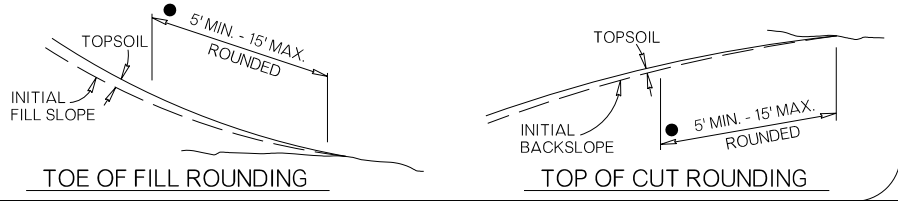
(4) PRIME COAT ON TOP OF AGGREGATE BASE.

(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

NOTE: UNLESS NOTED, STATION REFERENCE POINTS ARE BASED ON CRL US 69-NB

ROUNDING DETAIL

INTERSECTION OF CUT AND/OR FILL SLOPES WITH GROUND LINE TO BE ROUNDED AS PART OF FINISHING OPERATIONS. ROUNDED 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 ROUNDED TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.

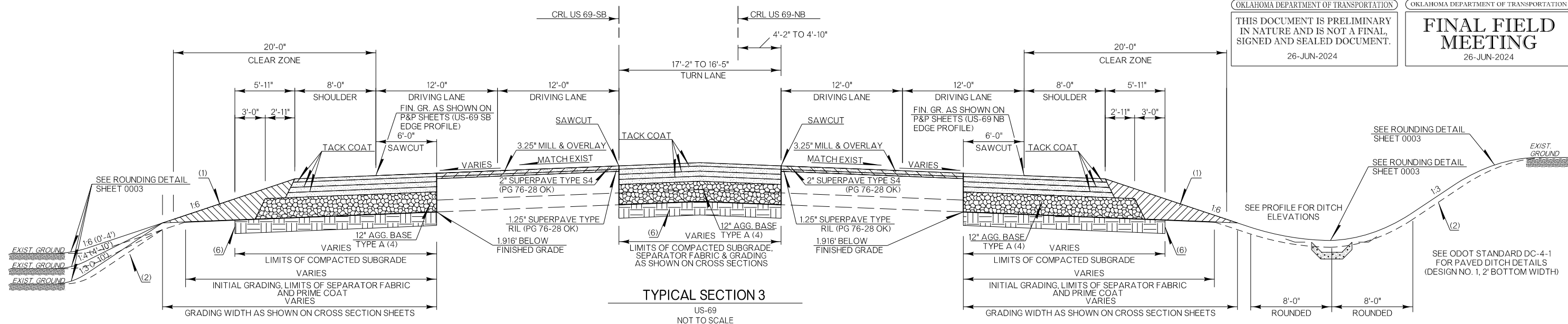


DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

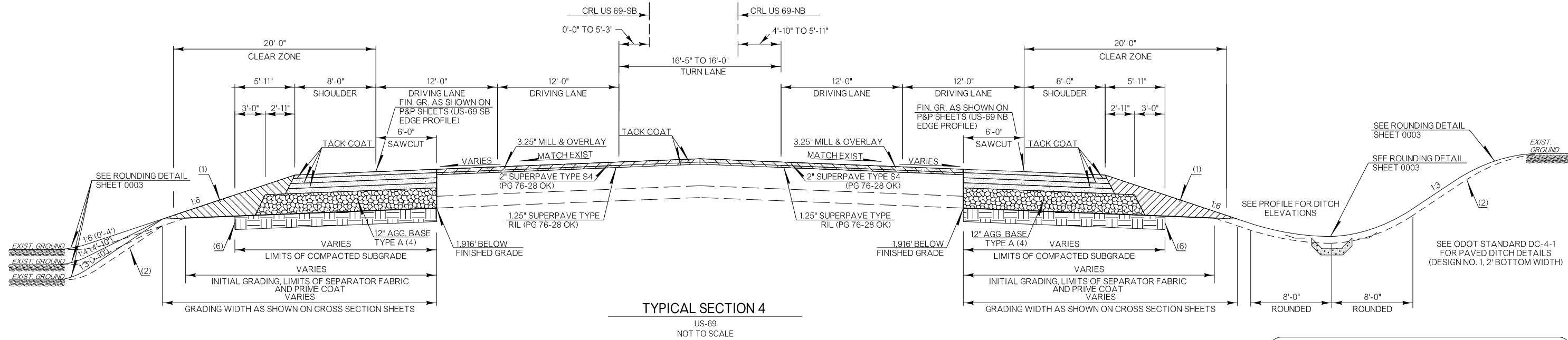
TYPICAL SECTIONS

PLOT DATE: 26-JUN-2024 FILENAME: p:\jpw-int.hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Typical.dgn



TYPICAL SECTION 3
 US-69
 NOT TO SCALE
 STA. 114+02.68 TO STA. 114+40.00

PAVEMENT REQUIREMENT		
PAVT. STRUCTURE	12'-0" DRIVING LANES & VARIABLE TURN LANE	8'-0" PAVED SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)	3" SUPERPAVE TYPE RBL (PG 64-22 OK)



TYPICAL SECTION 4
 US-69
 NOT TO SCALE

CRL US 69-SB
 STA. 114+40.00 TO STA. 116+10.00
 STA. 243+75.00 TO STA. 246+25.00

PAVEMENT REQUIREMENT		
PAVT. STRUCTURE	12'-0" DRIVING LANES & VARIABLE TURN LANE	8'-0" PAVED SHOULDERS
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

CRL US 69-NB
 STA. 114+40.00 TO STA. 115+00.00
 STA. 245+25.00 TO STA. 246+25.00

(1) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN TBSC TYPE E.

(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 OPERATIONS SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

(4) PRIME COAT ON TOP OF AGGREGATE BASE.

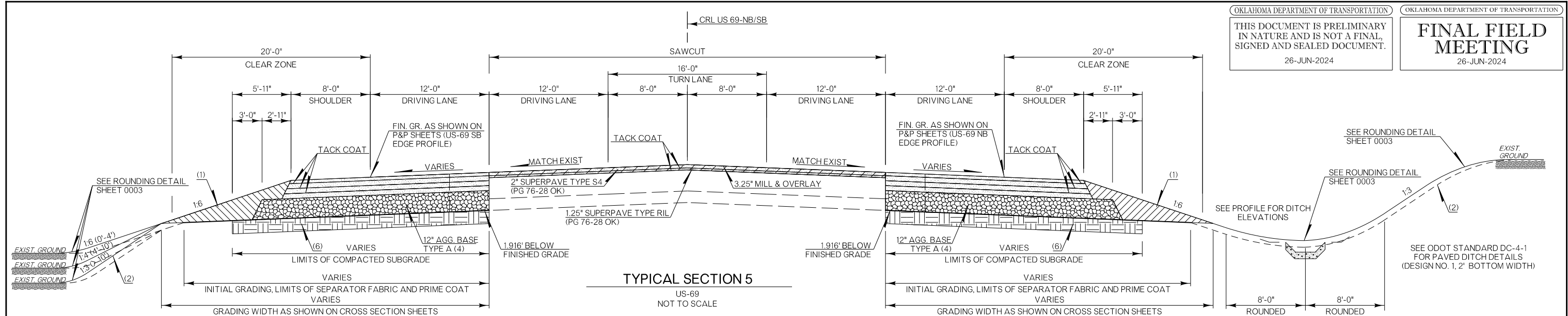
(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY			ATOKA
HIGHWAY			US 69
STATE JOB NO.			30410(04)
SHEET NO.			0004

TYPICAL SECTIONS

NOTE: UNLESS NOTED, STATION REFERENCE POINTS ARE BASED ON CRL US 69-NB

PLOT DATE: 26-JUN-2024
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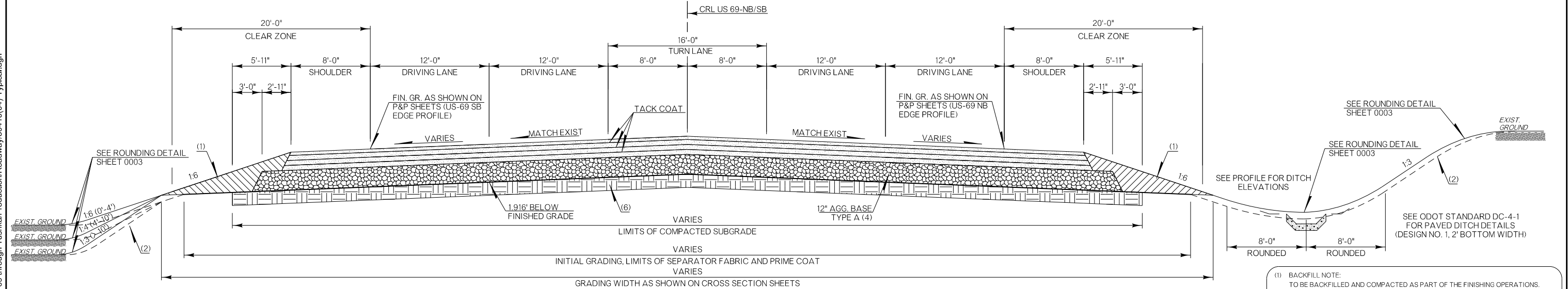
TYPICAL SECTION 5

US-69
 NOT TO SCALE

PAVEMENT REQUIREMENT		
PAVT. STRUCTURE	12'-0" DRIVING LANES & 16'-0" TURN LANE	8'-0" PAVED SHOULDERS
BASE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

CRL US 69-SB
 STA. 116+10.00 TO STA. 118+70.00
 STA. 118+90.00 TO STA. 123+75.00
 STA. 173+00.00 TO STA. 188+91.25
 STA. 207+00.00 TO STA. 243+75.00

CRL US 69-NB
 STA. 115+00.00 TO STA. 118+70.00
 STA. 118+90.00 TO STA. 123+75.00
 STA. 154+68.00 TO STA. 219+25.00
 STA. 228+70.00 TO STA. 245+25.00



TYPICAL SECTION 6

US-69
 NOT TO SCALE

STA. 118+70.00 TO STA. 118+90.00

PAVEMENT REQUIREMENT (RCB CONSTRUCTION PAVEMENT PATCH)		
PAVT. STRUCTURE	12'-0" DRIVING LANES & 16'-0" TURN LANE	8'-0" PAVED SHOULDERS
BASE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

- (1) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS.
 QUANTITY IS MEASURED IN TBSC TYPE E.
- (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
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 FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL
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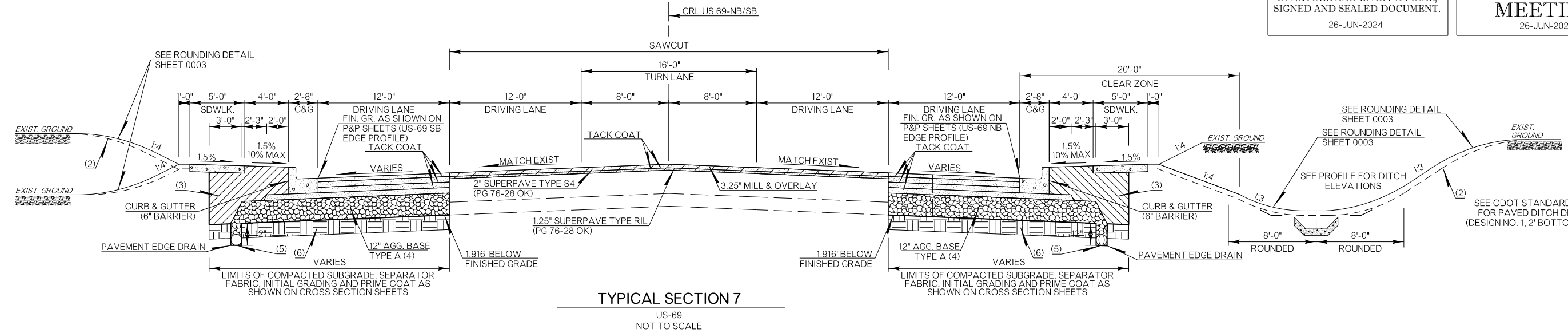
 THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO
 THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR
 SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.
- (3) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS.
 QUANTITY IS MEASURED IN UNCLASSIFIED BORROW
- (4) PRIME COAT ON TOP OF AGGREGATE BASE.
- (5) PAVEMENT EDGE DRAIN:
 SEE "ODOT STD. DRAWING PED-4-1"
 PROVIDE OUTLET LATERALS AT 200' ON CENTER MAXIMUM SPACING

(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF
 OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT
 SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT
 SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		TYPICAL SECTIONS				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY			US 69	STATE JOB NO	30410(04)

NOTE: UNLESS NOTED, STATION REFERENCE POINTS ARE BASED ON CRL US 69-NB

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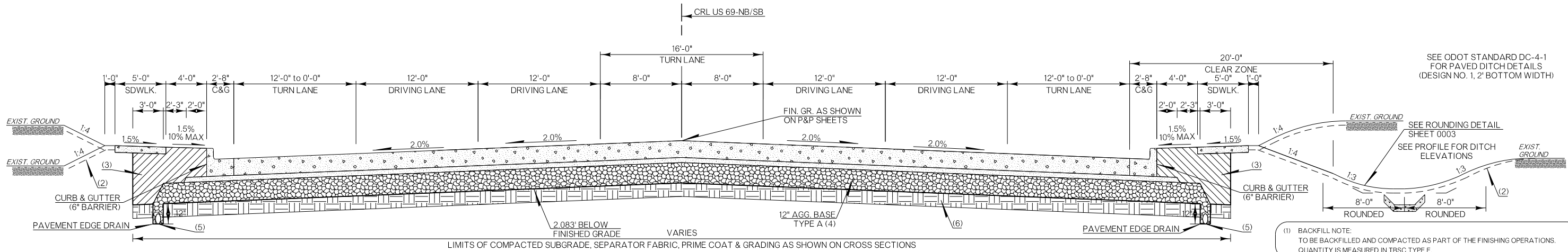
TYPICAL SECTION 7

US-69
 NOT TO SCALE

CRL US 69-SB
 STA. 123+75.00 TO STA. 130+00.00
 STA. 136+05.00 TO STA. 173+00.00
 STA. 188+91.25 TO STA. 207+00.00

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING LANES & 16'-0" TURN LANE
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

CRL US 69-NB
 STA. 123+75.00 TO STA. 130+00.00
 STA. 136+05.00 TO STA. 154+68.00
 STA. 219+25.00 TO STA. 228+70.00



TYPICAL SECTION 8

US-69
 NOT TO SCALE
 STA. 130+00.00 TO STA. 136+05.00

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING AND TURN LANES, 16'-0" CENTER TURN LANE
SURFACE COURSE	10" DOWEL JOINTED PC PAVEMENT
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 64-22 OK)

(1) BACKFILL NOTE:
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 QUANTITY IS MEASURED IN TBSC TYPE E.

(2) TOPSOIL NOTE:
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 ADDITIONAL COSTS ASSOCIATED WITH OPERATIONS SHALL BE INCLUDED IN THE
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THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO
 THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR
 SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

(3) BACKFILL NOTE:
 TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS.
 QUANTITY IS MEASURED IN UNCLASSIFIED BORROW

(4) PRIME COAT ON TOP OF AGGREGATE BASE.

(5) PAVEMENT EDGE DRAIN:
 SEE "ODOT STD. DRAWING PED-4-1"
 PROVIDE OUTLET LATERALS AT 200' ON CENTER MAXIMUM SPACING
 MAY OUTLET LATERALS AT 600' ON CENTER MAXIMUM SPACING BETWEEN
 STA. 126+00 AND 132+00

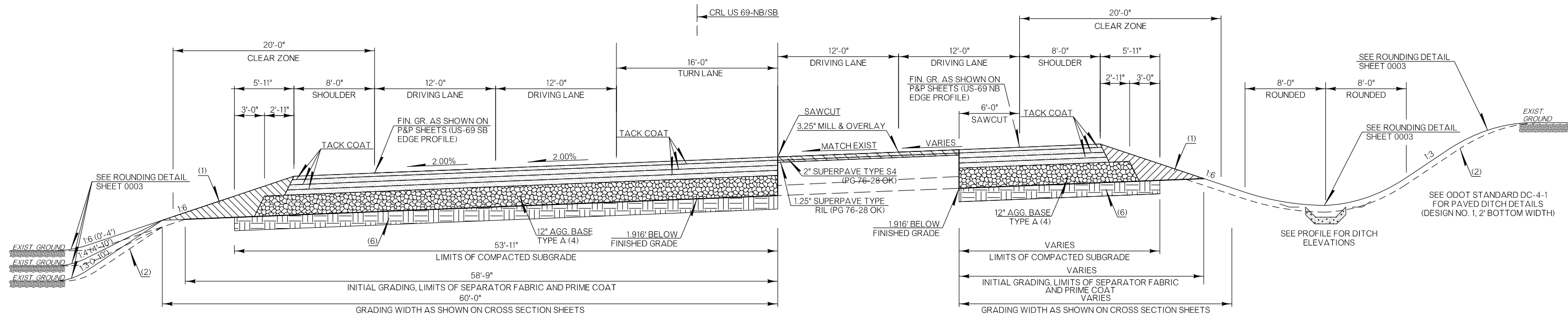
(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF
 OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT
 SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT
 SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY			ATOKA
HIGHWAY			US 69
STATE JOB NO			30410(04)
SHEET NO			0006

TYPICAL SECTIONS

PLOT DATE: 26-JUN-2024
 FILENAME: p:\jpw-int.hntb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Typical.dgn
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NOTE: UNLESS NOTED, STATION REFERENCE POINTS ARE BASED ON CRL US 69-NB



TYPICAL SECTION 9

US-69
NOT TO SCALE
STA. 246+25.00 TO STA. 247+78.03

PAVEMENT REQUIREMENT		
PAVT. STRUCTURE	12'-0" DRIVING LANE AND 16'-0" TURN LANE	8'-0" PAVED SHOULDER
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 76-28 OK)	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 76-28 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE S3 (PG 64-22 OK)	3" SUPERPAVE TYPE S3 (PG 64-22 OK)
	3" SUPERPAVE TYPE RBL (PG 64-22 OK)	3" SUPERPAVE TYPE RBL (PG 64-22 OK)

(1) BACKFILL NOTE:
TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS.
QUANTITY IS MEASURED IN TBSC TYPE E.

(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 OPERATIONS SHALL BE INCLUDED IN THE
PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO
THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR
SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

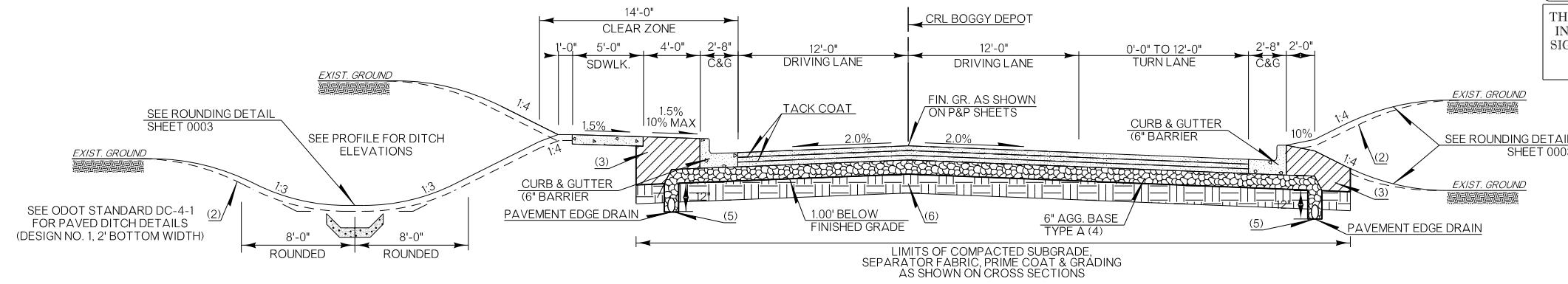
(4) PRIME COAT ON TOP OF AGGREGATE BASE.

(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF
OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT
SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT
SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		TYPICAL SECTIONS				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	0007

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT. 26-JUN-2024

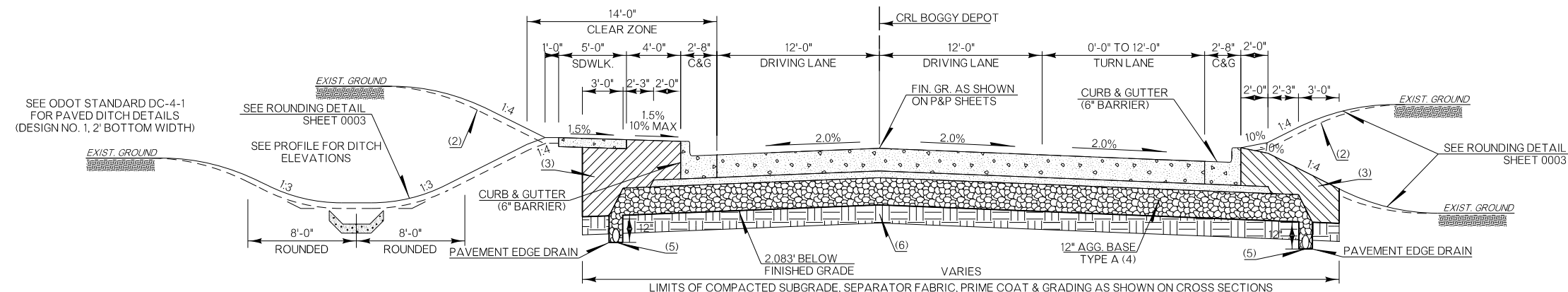
FINAL FIELD MEETING 26-JUN-2024



TYPICAL SECTION 10

BOGGY DEPOT NOT TO SCALE STA. 11+97.31 TO STA. 18+69.05 STA. 22+71.08 TO STA. 26+40.00

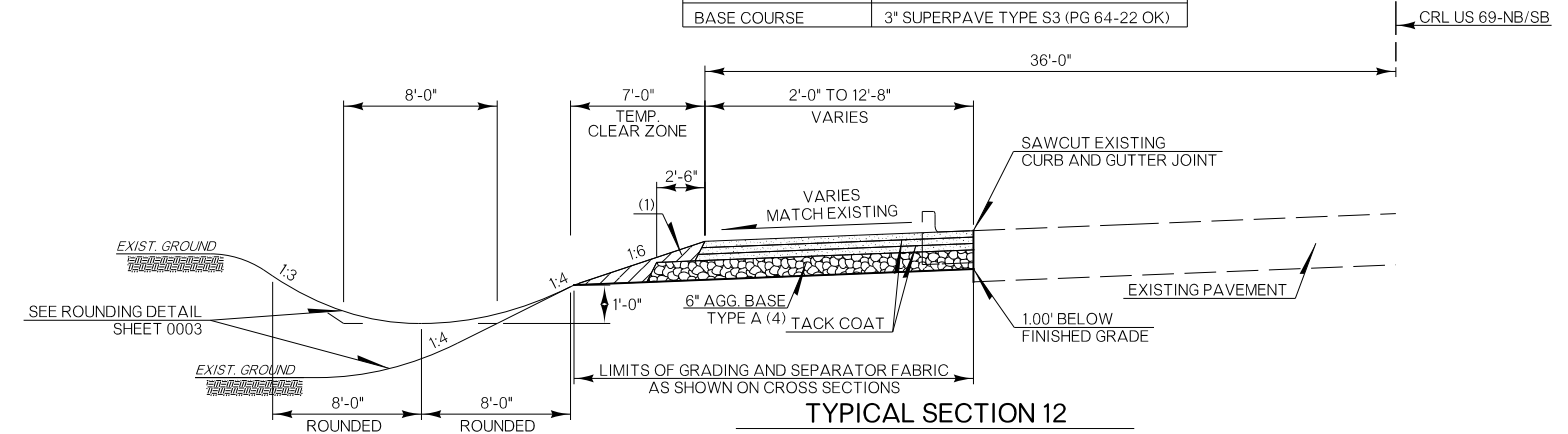
PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING LANES & TURN LANE
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2" SUPERPAVE TYPE S3 (PG 64-22 OK)
	2" SUPERPAVE TYPE S3 (PG 64-22 OK)



TYPICAL SECTION 11

BOGGY DEPOT NOT TO SCALE STA. 18+69.05 TO STA. 22+71.08

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	12'-0" DRIVING LANES & TURN LANE
SURFACE COURSE	10" DOWEL JOINTED PC PAVEMENT
BASE COURSE	3" SUPERPAVE TYPE S3 (PG 64-22 OK)



TYPICAL SECTION 12

US-69 NOT TO SCALE TEMPORARY WIDENING STA. 123+45.00 TO STA. 138+00.00

TEMPORARY WIDENING TYPICAL SECTION	
VARIABLE WIDTH	STATION EXTENTS
12'-8" TO 10'-0"	123+45.00 TO 129+64.00
10'-0" TO 10'-0"	129+64.00 TO 132+79.00
10'-0" TO 11'-6"	132+79.00 TO 134+38.00
11'-6" TO 2'-0"	134+38.00 TO 138+00.00

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	VARIABLE TEMPORARY PAVEMENT
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2" SUPERPAVE TYPE S3 (PG 64-22 OK)
	2" SUPERPAVE TYPE S3 (PG 64-22 OK)

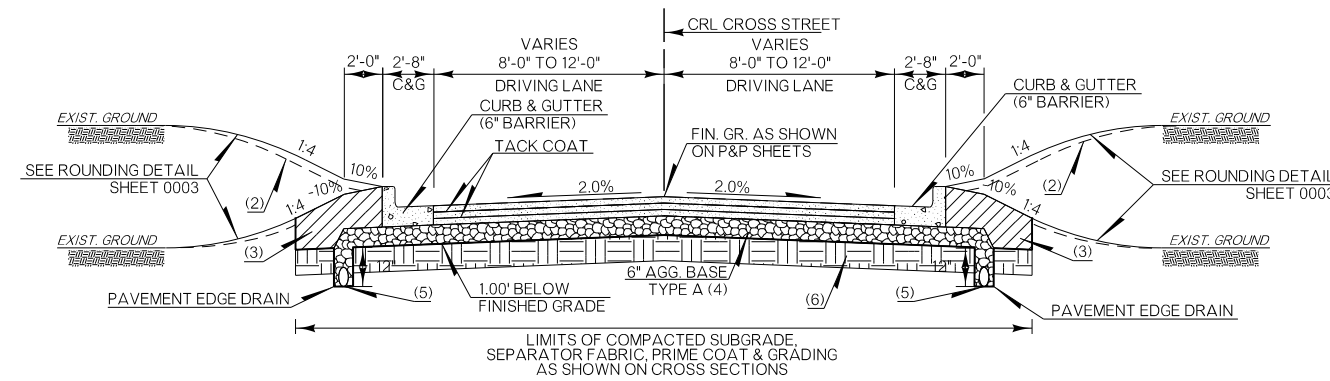
- (1) BACKFILL NOTE: TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY MEASURED IN TBSC TYPE E.
- (2) TOPSOIL NOTE: THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. 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 OPERATIONS SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.
- (3) BACKFILL NOTE: TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY MEASURED IN UNCLASSIFIED BORROW.
- (4) PRIME COAT ON TOP OF AGGREGATE BASE.
- (5) PAVEMENT EDGE DRAIN: SEE "ODOT STD. DRAWING PED-4-1" PROVIDE OUTLET LATERALS AT 200' ON CENTER MAXIMUM SPACING MAY OUTLET LATERALS AT 300' ON CENTER MAXIMUM SPACING BETWEEN STA. 14+50 AND 19+00
- (6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	0008

TYPICAL SECTIONS

PLOT DATE: 26-JUN-2024 04:40 PM FILENAME: pw://pw-int.hntb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Typical.dgn

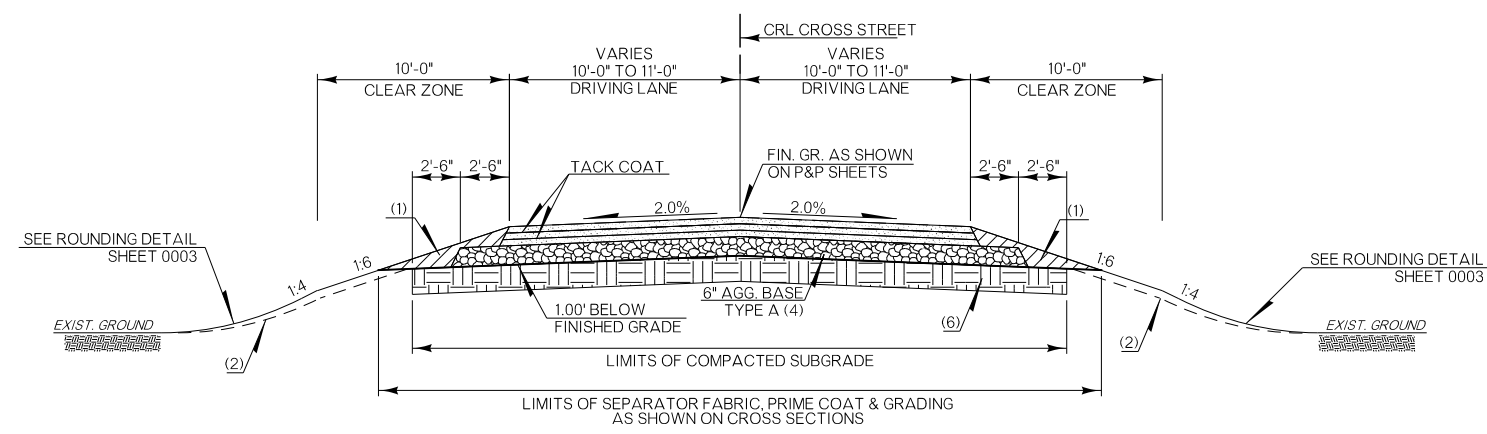


TYPICAL SECTION 13

NOT TO SCALE
 STA. 8+68.00 TO STA. 9+68.00 S. FIRST ST.
 STA. 10+33.92 TO STA. 12+00.00 S. FIRST ST.
 STA. 9+14.00 TO STA. 9+66.12 W. MAIN ST.
 STA. 10+32.00 TO STA. 10+95.00 E. MAIN ST.
 STA. 9+09.00 TO STA. 9+66.12 N.W. FIRST ST.
 STA. 10+33.92 TO STA. 10+75.66 N.E. FIRST ST.
 STA. 8+71.80 TO STA. 9+68.00 1850 RD.
 STA. 10+12.00 TO STA. 11+43.22 ACCESS RD.
 STA. 9+54.29 TO STA. 9+88.00 POOL DR.

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	11'-0" DRIVING LANES
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2" SUPERPAVE TYPE S3 (PG 64-22 OK)
	2" SUPERPAVE TYPE S3 (PG 64-22 OK)

CROSS STREET TYPICAL SECTION	
LANE WIDTH	ALIGNMENT
11'-0"	S. FIRST ST.
12'-0"	E. MAIN ST.
12'-0"	W. MAIN ST.
10'-0"	N.W. FIRST ST.
11'-0"	N.E. FIRST ST.
11'-0"	1850 RD.
12'-0"	ACCESS RD.
8'-0"	POOL DR.



TYPICAL SECTION 14

NOT TO SCALE
 STA. 10+32.00 TO STA. 10+64.00 N. SECOND ST.
 STA. 10+40.00 TO STA. 11+05.61 1844 RD.

PAVEMENT REQUIREMENT	
PAVT. STRUCTURE	VARIABLE DRIVING LANES
SURFACE COURSE	2" SUPERPAVE TYPE S4 (PG 64-22 OK)
BASE COURSE	2" SUPERPAVE TYPE S3 (PG 64-22 OK)
	2" SUPERPAVE TYPE S3 (PG 64-22 OK)

CROSS STREET TYPICAL SECTION	
LANE WIDTH	ALIGNMENT
11'-0"	N. SECOND ST.
10'-0"	1844 RD.

(1) BACKFILL NOTE:
TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN TBSC TYPE E.

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(3) BACKFILL NOTE:
TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(4) PRIME COAT ON TOP OF AGGREGATE BASE.

(5) PAVEMENT EDGE DRAIN:
SEE "ODOT STD. DRAWING PED-4-1"
PROVIDE OUTLET LATERALS AT 200' ON CENTER MAXIMUM SPACING

(6) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO 0009

PLOT DATE: 26-JUN-2024
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ENVIRONMENTAL MITIGATION NOTES

EARTHWORK NOTE:

THE CONTRACTOR MUST ENSURE THAT ANY MATERIAL INCORPORATED INTO THE PROJECT IS FREE OF ANY HAZARDOUS, INDUSTRIAL OR CONTAMINATED WASTE, REFER TO SUB-SECTIONS 106.01 AND 202.02 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

IMPORTED MATERIAL (EG. BORROW) - IF MATERIAL IS IMPORTED TO THE PROJECT AND AT ANY POINT THE MATERIAL IS DETERMINED BY THE ENGINEER TO INCLUDE ANY TYPE OF UNACCEPTABLE CONTAMINATION, THE MATERIAL MAY REQUIRE REMOVAL, IN WHOLE, OR IN PART. IF REMOVAL IS REQUIRED, THEN THE INITIAL PLACEMENT, REMOVAL AND PROPER DISPOSAL OF THIS MATERIAL SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE DISPOSAL OF THE UNACCEPTABLE MATERIAL SHALL BE APPROVED BY THE ENGINEER, REFER TO SUB-SECTION 107.15 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

TO ASSIST THE CONTRACTOR, THE "OFF PROJECT FACILITY/BORROW SITE HAZARDOUS MATERIALS QUESTIONNAIRE" IS PROVIDED ON THE DEPARTMENT'S WEB SITE:

<https://oklahoma.gov/content/dam/ok/en/odot/documents/ok-gov-docs/programs-and-projects/environmental/hazard-questionnaire-2016.pdf>

THIS QUESTIONNAIRE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR SO THAT A CLEARER UNDERSTANDING OF THE CHARACTERISTICS OF THE PROPOSED SITE/ MATERIAL IS ACHIEVED. COMPLETION AND SUBMITTAL OF THIS FORM TO THE ENGINEER DOES NOT EXCUSE THE CONTRACTOR FROM PROVIDING MATERIALS THAT ARE FREE OF HAZARDOUS AND INDUSTRIAL COMPOSITION IN ACCORDANCE WITH SUB-SECTIONS 106.01 AND 202.02 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NON-COMPLIANCE NOTE:

FAILURE TO IMPLEMENT THE COMMITMENTS SPECIFIED IN THE PLAN NOTES CAN RESULT IN NON-COMPLIANCE ISSUES ON THE PROJECT. WORK ACTIVITIES MAY BE SUSPENDED ON THE PROJECT, FOR AN UNDETERMINED DURATION, WHILE WORKING WITH REGULATORS TO BRING THE PROJECT BACK INTO COMPLIANCE. THE CONTRACTOR WILL NOT BE COMPENSATED FOR TIME LOST.

WATER QUALITY CONSERVATION NOTE:

APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE IMPACTS FROM STORM WATER DISCHARGES AND SEDIMENTATION IN STREAMS, AS ESTABLISHED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY, SHALL BE CONSCIENTIOUSLY IMPLEMENTED THROUGHOUT THE PROPOSED CONSTRUCTION PERIODS, IN ORDER TO MINIMIZE ANY POTENTIAL IMPACTS TO ANY LISTED SPECIES. THE EFFECTIVENESS OF EROSION CONTROLS SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. HAZARDOUS MATERIALS, CHEMICALS, FUELS, LUBRICATING OILS, AND OTHER SUCH SUBSTANCES SHALL BE STORED AT LEAST 100 FEET FROM THE ORDINARY HIGH WATER MARK (OHWM). REFUELING OF CONSTRUCTION EQUIPMENT SHALL ALSO BE CONDUCTED AT LEAST 100 FEET FROM THE OHWMS. SEDIMENT AND EROSION CONTROLS SHALL BE INSTALLED AROUND STAGING AREAS TO PROHIBIT DISCHARGE OF MATERIALS FROM THESE SITES. CONSTRUCTION WASTE MATERIALS AND DEBRIS SHALL BE STOCKPILED AT LEAST 25 FEET OUTSIDE OF THE OHWMS, AND THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF PROPERLY FOLLOWING COMPLETION OF THE PROJECT. PREVENTATIVE MEASURES MUST BE TAKEN TO PROHIBIT THE DISCHARGE OF CONTAMINANTS INTO ANY SURFACE WATERS.

AMERICAN BURYING BEETLE NOTE:

THE AMERICAN BURYING BEETLE IS A LARGE CARRION BURYING BEETLE THAT OCCURS WITHIN THE PROJECT LIMITS. ARTIFICIAL LIGHTING MAY BE USED DURING CONSTRUCTION FOR NIGHT ACTIVITIES IF THE EQUIPMENT SPECIFICATIONS OUTLINED IN SPECIAL PROVISION 656-5(A-B)19 FOR ABB ARE ADHERED TO AND MEASURES TO MINIMIZE USE OF ARTIFICIAL LIGHTING HAVE BEEN IMPLEMENTED. CARCASSES AND ALL FOOD TRASH SHALL BE REMOVED FROM THE PERMANENT AND TEMPORARY RIGHT-OF-WAY THROUGHOUT THE DURATION OF PROJECT ACTIVITIES. POLLUTION PREVENTION REQUIREMENTS AS SPECIFIED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY GENERAL PERMIT OKRLO FOR STORM WATER DISCHARGES SHALL BE IMPLEMENTED WHEN APPROPRIATE. ADDITIONALLY, ALL EQUIPMENT WILL BE FUELED, AND ALL FUEL AND MOTOR VEHICLE OIL WILL NOT BE STORED WITHIN AREAS OF NATIVE VEGETATION (IE. OUTSIDE OF ABB HABITAT).

MIGRATORY BIRD NOTE:

MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. MANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST MIGRATORY BIRD SPECIES EXTENDS FROM MARCH 1 TO AUGUST 31. MIGRATORY BIRD NESTING USE OF THE RCB (AT STA. 181+80) WAS OBSERVED. PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING CULVERT SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. IF PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION CANNOT BE COMPLETED BETWEEN SEPTEMBER 1 AND FEBRUARY 28, THE CULVERT SHALL BE PROTECTED FROM NEW NEST ESTABLISHMENT PRIOR TO MARCH 1, BY MEANS THAT DO NOT RESULT IN BIRD DEATH OR INJURY. OPTIONS INCLUDE THE EXCLUSION OF ADULT BIRDS FROM SUITABLE NEST SITES ON OR WITHIN A STRUCTURE BY THE PLACEMENT OF WEATHER-RESISTANT POLYPROPYLENE NETTING WITH 0.25-INCH OR SMALLER OPENINGS, PRIOR TO MARCH 1. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST. ALTHOUGH NO NESTS WERE OBSERVED ON ALL OTHER STRUCTURES, THE BIRDS MAY OCCUPY THE STRUCTURES IN THE FUTURE. THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST IF ANY BIRD USE OF THESE STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING CULVERTS SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28 (WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED).

Species	Seasonal Restriction Period
Migratory Birds: Swallows and Phoebes (NESTS PRESENT)	March 1 - August 31

ENVIRONMENTAL MITIGATION NOTES

CULTURAL RESOURCES AVOIDANCE NOTE:

LOCATIONS OUTSIDE THE PROJECT AREA IN THE FOLLOWING AREA MUST NOT BE UTILIZED FOR BORROW, EQUIPMENT STAGING, HAUL ROADS, SPOIL DUMPS OR ANY OFF-SITE PROJECT-RELATED ACTIVITY.

T2S R11E:

SECTION 28: S 1/2 SW 1/4
 SECTION 32: SE 1/4
 SE 1/4 NW 1/4 SW 1/4
 SECTION 33: NW 1/4 NW 1/4 SE 1/4
 NE 1/4 NE 1/4 SW 1/4

T3S R11E:

SECTION 5: NE 1/4
 NW 1/4 SE 1/4 SW 1/4
 NW 1/4 NW 1/4 SE 1/4 (TUSHKA CEMETERY)
 SECTION 6: SW 1/4 SE 1/4
 SECTION 7: SE 1/4 NE 1/4
 SE 1/4
 SE 1/4 SE 1/4 SW 1/4
 SECTION 8: NE 1/4 SW 1/4 NW 1/4
 NW 1/4 NW 1/4 SW 1/4
 SECTION 18: NE 1/4 NE 1/4 NW 1/4
 NW 1/4 NW 1/4 NE 1/4

HAZARDOUS MATERIALS NOTE:

STATION	OCC FAC./CASE NO.	FACILITY
142+00 TO 147+00 RT 25 FT.FROM CL	0312634/064-1603	TUSHKA SUPERETTE
142+00 TO 147+00 LT 25 FT.FROM CL	0306405/064-2087	TUSHKA TRUCK STOP

PETROLEUM CONTAMINATION MAY EXIST AT OR NEAR THE REFERENCED UNDERGROUND STORAGE TANK (UST) SITES. BASED ON THE AVAILABLE INFORMATION, CONTAMINATION IS NOT EXPECTED TO AFFECT CONSTRUCTION ACTIVITIES, BUT IS STILL POSSIBLE. IN THE EVENT CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL ADHERE TO ODOT'S HAZARDOUS MATERIALS SPECIFICATION 107.15 AND NOTIFY THE RESIDENT ENGINEER, WHO MAY THEN CONTACT THE ENVIRONMENTAL PROGRAMS DIVISION AT (405) 521-3050 FOR ASSISTANCE.

REVISIONS		
REV. NO.	DESCRIPTION	DATE

ENVIRONMENTAL NOTES	DETAIL	
	REVIEW	
	APPROVED	
	ENVIRONMENTAL DIVISION	
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	
	JOB/PIECE NO. 30410(04)	SHEET NO. AE01

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FINAL FIELD MEETING 26-JUN-2024

SUMMARY OF SURFACING

Table with columns for Station to Station, Aggregate Base Type A, Subgrade Method B, Separator Fabric, TBS Type E, Tack Coat, Prime Coat, Superpave Type S3, Superpave Type S3 (PG 64-22 OK), Superpave Type S4, Superpave Type S4 (PG 64-22 OK), Rich Bottom Layer, (S) Rich Intermediate Layer, Dowel Jointed P.C.C. Pavt., P.C. Concrete for Pavement, 2'-8" Comb. Crb. & Gut., 4" Concrete Sidewalk, and Tactile Warning Device-New. Includes sub-sections for US-69 NB/SB, Boggy Depot, and Sideroads.

SUMMARY OF EROSION CONTROL

Table with columns for Station to Station, Temporary Silt Fence, Temporary Silt Dike, Temporary Fiber Log, Seeding Method B, Vegetative Mulching, Fertilizing (10-20-10), Fertilizing (18-46-0), Solid Slab Sodding, Fertilizing (10-20-10), and Watering. Includes sub-sections for Mainline and Boggy Depot.

*FOR CONTRACTORS INFORMATION ONLY, COST TO BE INCLUDED IN THE PRICE BID FOR OTHER WORK.

REMOVAL OF STRUCTURES & OBSTRUCTIONS

Table with columns for Survey C.L. Station, Side, and Description. Lists various obstructions such as commercial signs, billboards, and log sign structures.

SUMMARY OF REMOVALS

Table with columns for Removal Sheet No., Station to Station, Cold Milling Pavement, Removal of Headwall, Removal of Fence, Removal of Curb and Gutter, Removal of Concrete Pavement, Removal of Asphalt Pavement, Removal of Drainage Inlets, Removal of Gravel Driveway, Removal of Guardrail, Removal of Concrete Ditch Liner, Removal of Existing Pipe, Remove and Reset Cattle Guard, Sawing Pavement, and Remove and Reset Manhole. Includes sub-sections for Mainline and Boggy Depot.

SUMMARY OF EDGE DRAIN

Table with columns for Station to Station, Edge Drain Conduit-Perforated, Edge Drain Outlet Lateral-Nonperforated, Outlet Lateral Headwall, and Trench Excavation. Includes sub-sections for US-69 NB/SB and Boggy Depot.

04:41 PM 26-JUN-2024 pw://pw-int.hntb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Summary.dgn

Designation table (Design, Drawn, Checked, Approved, Squad) and project information (County: ATOKA, Highway: US 69, State Job No: 30410(04), Sheet No: AR02) with the title 'SUMMARY SHEET (ROADWAY)'.

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.
26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024

SUMMARY OF DRIVEWAYS

Table with columns: ALIGNMENT, STATION, SIDE, TYPE, WIDTH, LENGTH, RADIUS, CONSTRUCTION SEQUENCE TYPE, TBSO TYPE E 402(E), TACK COAT 407(B), PRIME COAT 408, SUPERPAVE. TYPE S3 (PG 64-22 OK) 411(B), SUPERPAVE. TYPE S4 (PG 64-22 OK) 411(C), 6" CONCRETE DRIVEWAY 610(B), SAWING PAVEMENT 619(C). Rows include various stationing and material quantities for different ditches.

SUMMARY OF FENCE

Table with columns: SHEET NO., STATION TO STATION, SIDE, FENCE-STYLE WWF 624(A), FENCE-STYLE SWF (4 BARBED WIRE) 624(C), FENCE-STYLE SWF (5 BARBED WIRE) 624(C), FENCE-STYLE SWF (6 BARBED WIRE) 624(C), GATE, GALVANIZED STEEL 624(D), FENCE-STYLE CLF (4HIGH, CLASS A) 624(E), FENCE-STYLE CLF (6HIGH, CLASS A) 624(E), FENCE-STYLE CLF (6HIGH, CLASS B) 624(E), GATES-STYLE CLF (4HIGH X 4LONG) 624(F), GATES-STYLE CLF (6HIGH X 12LONG) 624(F). Includes a TOTALS row.

SUMMARY OF DITCH TREATMENT

Table with columns: P&P SHEET NO., STATION TO STATION, SIDE, LENGTH, BOTTOM WIDTH, CURTAIN WALLS, DES. NO., CONCRETE LINER, DITCH LINER PROTECTION 229, CLASS C CONCRETE 509(D). Includes a TOTALS row.

PLOT DATE: 26-JUN-2024
FILENAME: pw://pw-int.hntb.org/Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-Summary.dgn

DESIGN RBH
DRAWN TGG
CHECKED MJG
APPROVED
SQUAD HNTB
COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO AR03

OKLAHOMA DEPARTMENT OF TRANSPORTATION

SUMMARY SHEET (ROADWAY)

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26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024

SUMMARY OF DISTURBED AREAS

AREA NUMBER	AREA A.C.	OUTFALL NUMBER	EROSION CONTROL MEASURES
1	0.1388	1	SILT DIKES, RIPRAP AT OUTFALL
2	0.3722	2	SILT DIKES, RIPRAP AT OUTFALL
3	0.1413	3	SILT DIKES, RIPRAP AT OUTFALL
4A	0.1495	4	SILT DIKES, SILT FENCE
4B	0.2411	4	SILT DIKES, SILT FENCE
4C	0.383	4	SILT DIKES, SILT FENCE
4D	1.0477	4	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS, RIPRAP AT OUTFALL
1.8213	TOTAL OUTFALL AREA		
5A	0.2149	5	SILT DIKES, SILT FENCE
5B	1.4023	5	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS, RIPRAP AT OUTFALL
1.6172	TOTAL OUTFALL AREA		
6A	0.4522	6	SILT DIKES, FIBER LOG AT INLETS, RIPRAP AT OUTFALL
6B	0.1928	6	SILT FENCE, FIBER LOG AT INLETS
6C	0.223	6	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
6D	0.9439	6	SILT DIKES, FIBER LOG AT INLETS
6E	0.2458	6	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
6F	0.5978	6	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
2.6555	TOTAL OUTFALL AREA		
7A	0.1495	7	SILT FENCE, FIBER LOG AT INLETS, RIPRAP AT OUTFALL
7B	0.0122	7	SILT FENCE
7C	0.2895	7	FIBER LOG AT INLETS
7D	0.308	7	SILT FENCE, FIBER LOG AT INLETS
0.7592	TOTAL OUTFALL AREA		
8A	0.8077	8	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
8B	1.1004	8	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
8C	1.2748	8	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
8D	0.179	8	SILT FENCE, FIBER LOG AT INLETS
3.3619	TOTAL OUTFALL AREA		
9A	0.1015	9	SILT FENCE
9B	0.504	9	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS
0.6055	TOTAL OUTFALL AREA		
10	0.3198	10	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS, RIPRAP AT OUTFALL
11A	1.1224	11	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
11B	0.1967	11	SILT DIKES, SILT FENCE
11C	0.4093	11	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS AND ON SLOPES
11D	0.2847	11	SILT FENCE, FIBER LOG ON SLOPES
2.0131	TOTAL OUTFALL AREA		
12A	0.7153	12	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
12B	2.1679	12	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
12C	0.4627	12	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
12D	2.2331	12	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS AND ON SLOPES
5.579	TOTAL OUTFALL AREA		
13A	0.7271	13	SILT DIKES, SILT FENCE, FIBER LOG ON SLOPES
13B	1.8338	13	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS AND ON SLOPES
13C	0.297	13	SILT DIKES, SILT FENCE
13D	2.6132	13	SILT DIKES, SILT FENCE
5.4711	TOTAL OUTFALL AREA		
14A	0.5708	14	SILT DIKES
14B	1.6029	14	SILT DIKES
14C	0.4973	14	SILT DIKES
14D	0.7952	14	SILT DIKES
14E	0.15	14	SILT DIKES
14F	0.4665	14	SILT DIKES, FIBER LOG AT INLETS
4.0827	TOTAL OUTFALL AREA		
15	0.2925	15	SILT FENCE, FIBER LOG AT INLETS
16	0.2783	16	SILT DIKES, SILT FENCE, FIBER LOG AT INLETS

SUMMARY OF EARTHWORK

	UNCLASSIFIED EXCAVATION 202 (A)	EMBANKMENT 15%	EXCESS EXCAVATION	UNCLASSIFIED BORROW 202(D)	WASTE *	REMARKS
	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	
PRECONSTRUCTION						
TEMP WIDENING	10,770	249	10,521	-	5,741	
PHASE 1						
US-69	45,450	21,363	24,087		24,087	
BOGGY DEPOT	818	5,598		-		UNCLASSIFIED BORROW REDUCED BY 4,780 FROM PRECONSTRUCTION TEMP WIDENING EXCESS EXCAVATION
PHASE 2						
US-69	629	2	627		627	
BOGGY DEPOT	2,991	2,427	564		290	
PHASE 3						
US-69	32,430	26,108	6,322		6,322	
BOGGY DEPOT	309	583		-		UNCLASSIFIED BORROW REDUCED BY 274 FROM PHASE 2 BOGGY DEPOT EXCESS EXCAVATION
TOTAL	93,397	56,330	42,121	-	37,067	

*FOR CONTRACTOR INFORMATION ONLY

SUMMARY OF RIPRAP

ALIGN.	STATION	STRUCTURE	AREA	THICKNESS		TYPE I-A PLAIN RIPRAP 601(B)	FILTER FABRIC (RIPRAP) 601(I)
				SF	LF	TON	SY
US-69 NB	111+63.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	114+05.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	115+20.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	120+09.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	123+50.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	161+10.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	169+90.00	DITCH	53.6	1.0		5.0	6.0
US-69 NB	205+00.00	DITCH	53.6	1.0		5.0	6.0
BOGGY DEPOT	12+02.00	IN72	32.6	1.0		3.0	4.0
BOGGY DEPOT	13+65.00	IN73	32.6	1.0		3.0	4.0
BOGGY DEPOT	13+84.64	F-66	32.6	1.0		3.0	4.0
BOGGY DEPOT	14+01.41	F-67	32.6	1.0		3.0	4.0
BOGGY DEPOT	14+30.00	IN77	32.6	1.0		3.0	4.0
BOGGY DEPOT	18+44.79	F-68	32.6	1.0		3.0	4.0
BOGGY DEPOT	18+70.36	F-69	32.6	1.0		3.0	4.0
BOGGY DEPOT	23+40.00	IN81	175.0	1.5		20.0	20.0
S. FIRST ST.	11+75.00	IN57	212.1	1.0		16.0	24.0
TOTALS:						97.0	120.0

PLOT DATE: 26-JUN-2024 04:41 PM
 FILENAME: p:\pw-intl\hntb.org\Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Summary.dgn

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO AR04	

SUMMARY SHEET (ROADWAY)

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

FINAL FIELD MEETING

26-JUN-2024

26-JUN-2024

DRAINAGE STRUCTURE SUMMARY (1 of 2)

Main data table with columns: STR. NO., PLAN SHEET NO., ALIGNMENT, STATION, TYPE, DESCRIPTION, DESIGN, FLUME LENGTH, UNCLASSIFIED EXCAVATION, STRUCTURAL EXCAVATION UNCLASSIFIED, CLASS AA CONCRETE, CLASS C CONCRETE, REINFORCING STEEL, MANHOLES, INLETS, PIPES, END SECTIONS, STANDARD BEDDING MATERIAL CLASS B, STANDARD BEDDING MATERIAL CLASS C, TRENCH EXCAVATION, 42" JACKED CONDUIT, 48" JACKED CONDUIT, STR. NO.

04:41 PM 26-JUN-2024 pw://pww-int.mtb.org/PW/CentralDir/Documents/Oklahoma Projects/77746 US 09 through Tushka/Production/Roadway/30410(04)-Summary.dgn

Approval and project information block including: DESIGN (RBH), DRAWN (TGG), CHECKED (MJG), APPROVED, SQUAD (HNTB), COUNTY (ATOKA), HIGHWAY (US 69), STATE JOB NO (30410(04)), SHEET NO (AR05), and OKLAHOMA DEPARTMENT OF TRANSPORTATION SUMMARY SHEET (ROADWAY).

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

FINAL FIELD MEETING

26-JUN-2024

26-JUN-2024

DRAINAGE STRUCTURE SUMMARY (2 of 2)

Table with columns: STR. NO., PLAN SHEET NO., ALIGNMENT, STATION, TYPE, DESCRIPTION, DESIGN, FLUME LENGTH, UNCLASSIFIED EXCAVATION, STRUCTURAL EXCAVATION UNCLASSIFIED, CLASS AA CONCRETE, CLASS C CONCRETE, REINFORCING STEEL, MANHOLES (various sizes and materials), INLETS (various types and materials), PIPES (various materials and sizes), END SECTIONS (various materials and sizes), STR. NO.

PLOT DATE: 26-JUN-2024 04:41 PM FILENAME: pw://pw-int.hnb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Summary.dgn

Approval table with columns: DESIGN, DRAWN, CHECKED, APPROVED, SQUAD, COUNTY, HIGHWAY, STATE JOB NO., SHEET NO. Includes HNTB logo and project details: ATOKA, US 69, 30410(04), AR06.

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT. 26-JUN-2024

FINAL FIELD MEETING 26-JUN-2024

PAY QUANTITIES JP 30410(04) Table with columns: ITEM NO., DESCRIPTION, UNIT, QUANTITY. Rows include items like (PL)REMOVAL OF EXISTING SIGNS, SHEET ALUMINUM SIGNS, GALV. STL. PIPE POST, SQUARE TUBE POST, TRAFFIC STRIPE(MULTI-POLY.)(4" WIDE), etc.

PAY QUANTITIES JP 30410(04) Table with columns: ITEM NO., DESCRIPTION, UNIT, QUANTITY. Rows include items like (SP)PORTABLE TRAFFIC SIGNAL SYSTEM, CONSTRUCTION TRAFFIC STR.(PAINT)(4"WIDE), REMOVABLE PAVEMENT MARKING TAPE(4" WIDE), etc.

GENERAL CONSTRUCTION NOTES

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

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE O.D.O.T. STANDARDS AND DETAIL DRAWINGS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES, AND SIGNS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.

ALL REGULATORY SIGNS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.

ALL WARNING SIGNS SHALL HAVE FLUORESCENT YELLOW SHEETING. THE FLUORESCENT YELLOW SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) REQUIREMENTS FOR TYPE VIII SHEETING.

ALL GREEN AND BLUE SIGNS ON CONVENTIONAL HIGHWAYS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.

ALL PANEL AND OVERHEAD SIGNS SHALL HAVE TYPE III HIGH INTENSITY BACKGROUND WITH TYPE VIII LEGENDS AND BORDERS. THE TYPE III BACKGROUND AND THE TYPE VIII LEGENDS AND BORDERS SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION).

THE MANUFACTURER SHALL FURNISH A TYPE 'A' CERTIFICATION IN ACCORDANCE WITH ODOT STANDARD SPECIFICATIONS, LATEST EDITION, and SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON THE MATERIAL SUBMITTED FOR APPROVAL.

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 DIVISION 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 STATIONS AND LOCATIONS OF THE SIGN PLACEMENT, AS SHOWN ON THE PLAN SHEETS, ARE APPROXIMATE. EXACT STATIONS AND 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 POSTS, PIPES 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.

AFTER REMOVAL OF ANY SIGN FOOTINGS, THE HOLES SHALL BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE ENGINEER.

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.

GENERAL CONSTRUCTION NOTES CONT.

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.

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 FT2(0.23 M2);

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 FRICTION (φ) OF 22 DEGREES, AND EFFECTIVE UNIT WEIGHT OF SOIL (γ) OF 120 PCF.

MINIMUM HAND HOLE SIZE OF 3 INCH WIDTH BY 5 INCH HEIGHT.

PERMANENT TRAFFIC PAY QUANTITY NOTES

- (TS-6) SHOP DRAWINGS FOR ATTACHING SIGNS TO LIGHT AND/OR SIGNAL POLES AND MAST ARMS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEER FOR APPROVAL BEFORE FABRICATION. NO HOLES SHALL BE PERMITTED IN ANY LIGHT AND/OR SIGNAL POLE OR MAST ARM. THE PRICE BID SHALL INCLUDE ALL MATERIALS, LABOR, HARDWARE AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS DESCRIBED.
(TS-24) QUANTITY SHOWN INCLUDES 2,578 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 2,362 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF FOUR INCH (4") WIDE TRAFFIC STRIPE.
(TS-25) QUANTITY SHOWN INCLUDES 34,539 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 35,407 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(YELLOW) AND 230 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(BLACK)AND WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.
(TS-27) QUANTITY SHOWN INCLUDES 0 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 387 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWELVE INCH (12") WIDE TRAFFIC STRIPE.
(TS-28) QUANTITY SHOWN INCLUDES 651 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWENTY-FOUR INCH (24") WIDE TRAFFIC STRIPE.
(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-34) INCLUDED IN THIS PAY ITEM IS THE REMOVAL OF ANY EXISTING SIGNS TO BE REPLACED BY NEW ASSEMBLIES AND THE REMOVAL OF ANY EXISTING SIGNS THAT WILL BE IN CONFLICT WITH THE NEW ROADWAY OR NEW SIGNAGE.
(TS-41) "REMOVAL OF EXISTING SIGNS" SHALL INCLUDE THE REMOVAL OF A COMPLETE SIGN ASSEMBLY WHICH MAY INCLUDE MULTIPLE SIGNS, POSTS, FOOTINGS, AND ANY FOOTINGS ADJACENT TO THE SIGN ASSEMBLY. WHEN APPROVED BY THE ENGINEER, FOOTINGS MAY BE OBLITERATED TO A POINT BELOW GROUND LEVEL IN LIEU OF BEING COMPLETELY REMOVED. SEE GENERAL CONSTRUCTION NOTES FOR DISPOSAL OF OLD CONCRETE FOOTING MATERIAL.

TEMPORARY TRAFFIC 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-13) A PART, OR ALL, OF THIS ITEM IS INTENDED FOR REPLACEMENT OF REMOVED EXISTING CONFLICTING STRIPING.
(TC-17) INCLUDES AN ESTIMATED 45,172 L.F. (PAINT) (4" WIDE) WHITE 71,703 L.F. (PAINT)(4" WIDE) YELLOW STRIPE.
(TC-19) THIS ITEM INCLUDES AN ESTIMATED 2,847 L.F. (4" WIDE) WHITE AND 3,011 L.F. (4" WIDE) YELLOW STRIPE. THE CONTRACTOR SHALL PROVIDE AND INSTALL AN O.D.O.T. APPROVED REMOVABLE PAVEMENT MARKING TAPE. COST FOR REMOVAL OF THIS TAPE SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM. NON-REMOVABLE MARKING TAPE (FOIL BACK) SHALL NOT BE CONSIDERED AN APPROVED EQUAL FOR THIS ITEM.
(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 Month/Year REVISED February 19, 2014 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.

TEMPORARY TRAFFIC PAY QUANTITY NOTES CONT.

- (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 CHAPTER 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-28) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 0.00 S.F. AND 6.25 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.
(TC-29) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 6.26 S.F. AND 15.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.
(TC-30) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 16.00 S.F. AND 32.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.
(TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT 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-39) THE CONTRACTOR SHALL PROVIDE A PERSON, 24 HOURS A DAY, SEVEN DAYS A WEEK, AT THE CONSTRUCTION SITE TO MAINTAIN AND KEEP ALL TRAFFIC CONTROL DEVICES IN POSITION ANYTIME TRAFFIC IS DIRECTED AWAY FROM THE NORMAL TRAFFIC LANES OR ANYTIME THE ENGINEER DEEMS IT NECESSARY. THIS PERSON SHALL HOLD A CURRENT CERTIFICATION FROM THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) OR THE OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION (OTE) AS A TRAFFIC CONTROL TECHNICIAN OR TRAFFIC CONTROL SUPERVISOR.
(TC-52) ANY USED CHANGEABLE MESSAGE SIGN OR 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.
(TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
(TC-73) QUANTITY SHOWN INCLUDES 3,450 EA. (WHITE) AND 2,276 EA. (YELLOW) CONSTRUCTION ZONE PAVEMENT MARKERS (FLEX TABS). THESE CONSTRUCTION ZONE PAVEMENT MARKERS SHALL BE EITHER 'DAVIDSON PLASTICS: MODEL TOM', OR AN APPROVED EQUAL. PRICE BID FOR THIS ITEM SHALL INCLUDE THE INITIAL PLACEMENT, SUBSEQUENT REPLACEMENT, AND REMOVAL. THE CONSTRUCTION ZONE PAVEMENT MARKERS (FLEX TABS) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND AS SHOWN ON STANDARD DRAWING TCS21-1-(LATEST REVISION).
(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-80) INCLUDED IN THIS ITEM SHALL BE ONE (1) ADDITIONAL UNIT TO BE USED AS A STAND-BY OR REPLACEMENT. THIS STAND-BY UNIT SHALL BE IMMEDIATELY ACCESSIBLE TO REPLACE A DAMAGED, STOLEN OR MALFUNCTIONING UNIT. THE AMOUNT OF TIME BETWEEN THE REMOVAL OF THE DAMAGED UNIT AND THE INSTALLATION OF THE STAND-BY UNIT SHALL BE NO MORE THAN TWENTY-FOUR (24) HOURS.
(TC-84) 402 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 PROJECT'S CONSTRUCTION TRAFFIC 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: http://www.okladot.state.ok.us/traffic/qpl/index.php
(SP-1) SHALL BE IN PLACE 14 DAYS IN ADVANCE OF CONSTRUCTION ACTIVITIES STARTING.
(SP-2) TEMPORARY TRAFFIC SIGNAL SHALL HAVE DETECTION DURING CONSTRUCTION. ALL NECESSARY EQUIPMENT, MATERIALS AND LABOR SHALL BE INCLUDED IN THIS ITEM OF WORK.
(SP-3) TEMPORARY TRAFFIC SIGNAL SYSTEM SHALL HAVE ALL NECESSARY EQUIPMENT TO FUNCTION PROPERLY IN ALL PHASES SHOWN. ALL SIGNAL ADJUSTMENTS BETWEEN PHASES SHALL BE INCLUDED IN THIS ITEM OF WORK.

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Table with columns: DESIGN, RBH, DRAWN, TGG, CHECKED, MJG, APPROVED, SQUAD, HNTB, COUNTY, ATOKA, HIGHWAY, US 69, STATE JOB NO., 30410(04), SHEET NO., AT01. Includes 'SUMMARY OF PAY QUANTITIES AND NOTES (TRAFFIC)' and 'OKLAHOMA DEPARTMENT OF TRANSPORTATION'.

THIS DOCUMENT IS PRELIMINARY
IN NATURE AND IS NOT A FINAL,
SIGNED AND SEALED DOCUMENT.
26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024

PAY QUANTITIES

JP 30410(04)

LIGHTING 0310			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802(A) 0250	2" GALV. STEEL ELECT. COND. TRENCHED (TP-1)	LF	415.00
802(A) 0260	3" GALV. STEEL ELECT. COND. PUSHED OR BORED (TP-1)	LF	560.00
802(B) 0324	2" PVC SCH. 40 PLASTIC CONDUIT TRENCHED (TP-1)	LF	24,560.00
802(B) 0332	3" PVC SCH. 40 PLASTIC CONDUIT TRENCHED (TP-1)	LF	40.00
803(A) 1200	PULL BOX	EA	26.00
804(A) 2200	STRUCTURAL CONCRETE	CY	114.80
804(B) 2300	REINFORCING STEEL	LB	19,880.00
806(C) 4520	40' MHP & 15' H.L.MST. ARM (G.STL.) (TL-16)	EA	70.00
807 5100	BREAKAWAY BASE (TL-16)	EA	70.00
809(A) 7200	ROADWAY LUMINAIRE	EA	70.00
810(A) 8200	SERVICE POLE (TL-34,35)	EA	3.00
811 9115	1/C NO.4 ELEC.COND.	LF	79,287.00
811 9135	1/C NO.12 ELEC.COND.	LF	7,700.00

PAY QUANTITY

JP 30410(04)

SIGNALS 0320			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
802(B) 0324	2" PVC SCH. 40 PLASTIC CONDUIT TRENCHED (TP-1)	LF	701.00
802(B) 0332	3" PVC SCH. 40 PLASTIC CONDUIT TRENCHED (TP-1)	LF	386.00
803(A) 1210	PULL BOX(SIZE I)	EA	3.00
803(A) 1220	PULL BOX(SIZE II)	EA	1.00
804(A) 2200	STRUCTURAL CONCRETE (TL-9)(TP-1)	CY	31.70
804(B) 2300	REINFORCING STEEL (TL-10)(TP-1)	LB	4,369.60
805(A) 3256	(PL)REMOVAL OF TRAFFIC SIGNAL EQUIPMENT (SP-6)(TL-43,44)(TR-24)	LSUM	1.00
806(A) 4244	32MH POLE,30TS & 10'LMA(G.STL.)	EA	1.00
806(A) 4252	32MH POLE,40TS & 10'LMA(G.STL.)	EA	3.00
806(A) 4316	POLE & 30' TS MST.ARM(G.STL.)	EA	1.00
806(A) 4320	POLE & 35' TS MST.ARM(G.STL.)	EA	1.00
806(B) 4408	10' MTG.H.TS PED.POLE(G.STL.)	EA	4.00
806(B) 4420	15' MTG.H.TS PED.POLE(G.STL.)	EA	4.00
810(A) 8200	SERVICE POLE (TL-34,35)	EA	1.00
811 9120	1/C NO.6 ELEC. COND. (TP-1)	LF	48.00
811 9130	1/C NO.1C ELEC. COND. (TP-1)	LF	2,825.00
819(C) 5400	(SP)WIRELESS DATA-VIDEO TRANSMISSION SYS (SP-7)	EA	1.00
825 8100	TRAFFIC SIGNAL CONTROLLER ASSEMBLY (SP-1)	EA	1.00
825(B) 8310	(SP) INTERSECTION INTEGRATION SYSTEM - NON-BIDDABLE	EA	1.00
825(B) 8320	(SP) INTERSECTION INTEGRATION SYSTEM SERVICE - NON-BIDDABLE	EA	1.00
827 9110	SOLID STATE FLASHER CONTROLLER (TYPE II)	EA	2.00
828 0100	(PL) DETECTION SYSTEM (VIDEO) (SP-2)	LSUM	1.00
830 2100	PEDESTRIAN PUSH BUTTON (SP-3)	EA	8.00
831 3108	1WAY1SEC.ADJ.SIG.HD.S-22	EA	4.00
831 3116	1WAY2SEC.ADJ.PED.SIG.HD.S-20	EA	8.00
831 3120	1WAY3SEC.ADJ.SIG.HD.S-6	EA	6.00
831 3144	1WAY5SEC.ADJ.SIG.HD.S-13L	EA	4.00
831 3148	1WAY4SEC.ADJ.SIG.HD.S-16L	EA	4.00
833 5100	BACKPLATE	EA	18.00
834(A) 6200	2/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	180.00
834(A) 6205	5/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	1,062.00
834(A) 6210	7/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	247.00
834(A) 6220	12/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	267.00
834(A) 6225	15/C TRAFFIC SIGNAL ELECTRICAL CABLE	LF	721.00
834(B) 6300	2/C SHIELDED LOOP DETECTOR LEAD-IN CABLE	LF	1,168.00
850(C) 1400	MAST ARM MOUNTED SIGNS (ALUM.) (SP-5)	SF	99.00
850(C) 1410	INSTALL MAST ARM MOUNTED SIGNS	SF	99.00

TRAFFIC LIGHTING GENERAL CONSTRUCTION NOTES

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 ENGINEER DIVISION AT (405) 521-2861.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE O.D.O.T STANDARDS AND DETAIL DRAWINGS 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 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.

ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO MAKE THE ELECTRICAL CONNECTIONS TO THE EXISTING OVERHEAD SIGN STRUCTURES AND LIGHTS WILL BE PAID FOR AT THE UNIT PRICE BID FOR THE REQUIRED MATERIALS USED TO MAKE THE COMPLETED CONNECTIONS.

TRAFFIC LIGHTING PAY QUANTITY NOTES

- (TL-9) QUANTITIES INCLUDE STRUCTURAL CONCRETE TO BE USED FOR THE FOLLOWING:
GROUND MOUNTED FOOTINGS..... = 31.7 C.Y.
BARRIER MOUNTED FOOTINGS..... = 0.0 C.Y.
BLOCKOUTS FOR FOOTINGS..... = 0.0 C.Y.
===== TOTAL OF STRUCTURAL CONCRETE. = 31.7 C.Y.
- (TL-10) QUANTITIES INCLUDE REINFORCING STEEL TO BE USED FOR THE FOLLOWING:
GROUND MOUNTED FOOTINGS..... = 4,369.6 LBS.
BARRIER MOUNTED FOOTINGS..... = 0.0 LBS.
BLOCKOUTS FOR FOOTINGS..... = 0.0 LBS.
===== TOTAL OF REINFORCING STEEL..... = 4,369.6 LBS.
- (TL-16) 70 - 40' MTG. HT. POLES WITH 15' H.L.MA (G.STL.) ARE TO BE MOUNTED ON BREAKAWAY BASES. SEE STD.'S HLP1-1, HLP2-1, AND HLP3-1-(LATEST REVISIONS) AND LIGHT POLE SCH'S.
- (TL-34) INCLUDES 4 - 30 FT. TOTAL LENGTH WOOD SERVICE POLE(S), CLASS 6.
- (TL-35) SEE SERVICE POLE SCHEDULE; FOR ADDITIONAL INFORMATION CONCERNING THE SERVICE POLE, CONTACT THE FOLLOWING PRIOR TO INSTALLATION:
PERSON'S NAME RICK KNELL RDKNELL@AEP.COM.
WITH THE COMPANY/CITY OF ... AEP.
COMPANY'S/CITY'S TELEPHONE NO.
- (TL-43) ALL REMOVED SERVICE POLES, LIGHT POLES, MAST ARMS, LUMINAIRES, BREAKAWAY BASES AND PERTINENT EQUIPMENT SHALL BECOME THE PROPERTY OF THE CITY OF THE CONTRACTOR SHALL NEATLY STACK THE REMOVED ITEMS IN AN AREA DESIGNATED BY THE ENGINEER WITHIN THE PROJECT LIMITS. THE ITEMS THAT ARE TO BE REMOVED SHALL BE HANDLED WITH CARE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING THESE OPERATIONS.
- (TL-44) INCLUDED IN THE COST OF THIS ITEM, THE CONTRACTOR SHALL EITHER COMPLETELY REMOVE THE EXISTING CONCRETE LIGHT POLE FOOTING(S) OR CUT OFF THE TOP PORTION OF THE FOOTING(S) TO A MINIMUM OF ONE FOOT BELOW GRADE. THE RESULTING HOLE(S) SHALL BE BACKFILLED, COMPACTED AND ALL DEBRIS DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

Note to Reviewer: Contact information has been requested and service pole schedule will be developed and coordinated.

TRAFFIC SIGNALS PAY QUANTITY NOTES

- (TP-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2019 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- (TR-24) ALL TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DIRECTED BY THE ENGINEER. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS TO BECOME THE PROPERTY OF THE CONTRACTOR.
- (SP-1) CONTROLLER SHALL BE ECONOLITE COBALT.
INCLUDED IN THIS ITEM IS AN ALPHA TRAFFIC SIGNAL BATTERY BACKUP SYSTEM. THE BATTERY BACKUP CABINET SHALL BE ANODIZED ALUMINUM.
- (SP-2) DETECTION SYSTEM SHALL BE ITERIS VANTAGE VECTOR FOR US-69 AND ITERIS VANTAGE NEXT FOR BOGGY DEPOT RD. PAYMENT WILL BE FOR A COMPLETE, IN-PLACE, OPERATIONAL VIDEO DETECTION SYSTEM.
- (SP-3) PUSHBUTTONS SHALL BE POLARA NAVIGATOR APS TWO-WIRE SYSTEM OR APPROVED EQUIVALENT. THIS ITEM SHALL INCLUDE THE COST OF AN IN-PLACE, COMPLETE, FULLY OPERATIONAL APS SYSTEM.
- (SP-4) PEDESTRIAN HEADS SHALL INCLUDE COUNTDOWN DISPLAYS.
- (SP-5) SEE SIGN DETAILS FOR COMPLETE SIGN INFORMATION.
- (SP-6) INCLUDED IN THIS ITEM IS THE REMOVAL OF (2) SCHOOL PEDESTRIAN MAST ARMS AND FLASHING BEACON EQUIPMENT ALONG US 69 AND (4) SIGNAL MAST ARMS AND TRAFFIC SIGNAL EQUIPMENT AT US 69 AND BOGGY DEPOT. REMOVAL OF TRAFFIC SIGNAL EQUIPMENT TO INCLUDE ALL WORK AND EQUIPMENT TO REMOVE AND HAUL TO LOCATION COORDINATED WITH ENGINEER.
- (SP-7) WIRELESS DATA-VIDEO TRANSMISSION SYSTEM UNIT SHALL BE APPLIED INFORMATION AI-500-085-02 WITH ONE DEVICE PER INTERSECTION, SPECIFIED TO HAVE A 10 YEAR CONNECTIVITY AND SUPPORT PLAN.

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DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION SUMMARY OF PAY QUANTITIES AND NOTES (LIGHTING & SIGNALS)
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY	ATOKA	HIGHWAY	US 69
STATE JOB NO.	30410(04)	SHEET NO.	AT02

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FINAL FIELD MEETING 26-JUN-2024

SIGN SUMMARY

Table with columns: SHEET, PLAN ITEM NO., ALIGNMENT, STATION, SIDE, SIGN TYPE, SIGNS (SHEET ALUMINUM SIGNS, 3 1/2" @ 9.11 GALV. STL. PIPE POST, 2-1/2" SQUARE TUBE POST), POSTS (POST A, POST B), REMOVAL OF EXISTING SIGNS (EA), REMARKS. Rows are grouped by sheet numbers T032 and T033.

PLOT DATE: 26-JUN-2024 04:41 PM FILENAME: p:\jpw-int\hnb.org\PW\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Summary.dgn

Approval table with columns: DESIGN, RBH, DRAWN, TGG, CHECKED, MJG, APPROVED, SQUAD, HNTB, COUNTY, ATOKA, HIGHWAY, US 69, STATE JOB NO, 30410(04), SHEET NO, AT03.

*FOR INFORMATION ONLY. SIGN TO BE INCLUDED IN TRAFFIC SIGNALS.

SIGN SUMMARY

SHEET	PLAN ITEM NO.	ALIGNMENT	STATION	SIDE	SIGN TYPE	POSTS				REMOVAL OF EXISTING SIGNS 805(A)	REMARKS			
						SHEET ALUMINUM SIGNS	3 1/2" @ 9.11 GALV. STL. PIPE POST	2-1/2" SQUARE TUBE POST				(PL)		
						850(A)	851(B)	851(C)	805(A)					
SF	POST A LF	POST B LF	POST A LF	POST B LF	EA									
T033	56	US-69 NB/SB	146+83.00	RT	SPECIAL SIGN NO. 8	2.33						INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
	57				SPECIAL SIGN NO. 8	2.33							INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)	
	58				SPECIAL SIGN NO. 11	1.33							INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 11 (MAIN ST)	
	59				SPECIAL SIGN NO. 11	1.33							INSTALL (REVERSE) SPECIAL SIGN NO. 11 (MAIN ST)	
	60				R1-1	5.18						INSTALL (STOP)		
	61	US-69 NB/SB	146+90.00	LT	R2-1E(45)	-					1	REMOVE (SPEED LIMIT 45)		
	62	US-69 NB/SB	146+90.00	LT	SPECIAL SIGN NO. 12	14.00		12.0				INSTALL SPECIAL SIGN NO. 12 (TUSHKA CEMENTERY RIGHT ARROW)		
	63	US-69 NB/SB	146+91.00	RT	R1-1, SIGNS BY OTHERS	-					1	REMOVE (STOP)(MAIN)JEFFERSON)		
	64	US-69 NB/SB	147+05.00	RT	R2-1E(45)	-						REMOVE (SPEED LIMIT 45)		
	65	US-69 NB/SB	147+79.00	RT	R2-1E(45)	12.00		12.0				INSTALL (SPEED LIMIT 45)		
	66	US-69 NB/SB	148+56.00	LT	R2-1E(45)	12.00		12.0				INSTALL (SPEED LIMIT 45)		
	67	US-69 NB/SB	148+92.00	LT	SPECIAL SIGN NO. 8	2.33		12.0				INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
	68				SPECIAL SIGN NO. 8	2.33							INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)	
	69				SPECIAL SIGN NO. 13	2.00							INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 13 (NW FIRST ST)	
	70				SPECIAL SIGN NO. 13	2.00							INSTALL (REVERSE) SPECIAL SIGN NO. 13 (NW FIRST ST)	
	71				R1-1	5.18								INSTALL (STOP)
	72	SPECIAL SIGN NO. 14	2.33									INSTALL (REVERSE) SPECIAL SIGN NO. 14 (03 02 12.66)		
	73	US-69 NB/SB	149+02.00	LT	R1-1, SIGNS BY OTHERS	-					1	REMOVE (STOP)(NW 1ST)(NORTH JEFFERSON)(03, 02, 12.66)		
	74	US-69 NB/SB	149+39.00	RT	S5-2E	12.00		12.0				INSTALL (END SCHOOL ZONE)		
	75	US-69 NB/SB	149+72.85	LT	SPECIAL SIGN NO. 2	*						INSTALL (REVERSE) SPECIAL SIGN NO. 2 (SCHOOL SPEED LIMIT 35 WHEN FLASHING) ON SIGNAL MAST ARM		
	76	US-69 NB/SB	149+78.00	RT	S5-2E	-					1	REMOVE (END SCHOOL ZONE)		
	77	US-69 NB/SB	150+46.00	LT	R1-1, SIGN BY OTHERS	-					1	REMOVE (STOP)(03, 02, 12.70)		
78	US-69 NB/SB	150+47.00	RT	SPECIAL SIGN NO. 8	2.33		12.0				INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)			
79				SPECIAL SIGN NO. 8	2.33							INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
80				SPECIAL SIGN NO. 15	2.00							INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 15 (NE FIRST ST)		
81				SPECIAL SIGN NO. 15	2.00							INSTALL (REVERSE) SPECIAL SIGN NO. 15 (NE FIRST ST)		
82				R1-1	5.18								INSTALL (STOP)	
83	SPECIAL SIGN NO. 16	2.33									INSTALL (REVERSE) SPECIAL SIGN NO. 16 (03 02 12.70)			
84	US-69 NB/SB	150+56.00	LT	SIGNS BY OTHERS	-					1	REMOVE (N JEFFERSON ST)(NE FIRST ST)			
85	US-69 NB/SB	150+99.00	LT	W3-3E	-					1	REMOVE (SIGNAL AHEAD)			
86	US-69 NB/SB	150+99.00	LT	W3-3E	16.00		13.0				INSTALL (SIGNAL AHEAD)			
T034	1	US-69 NB/SB	153+67.00	RT	SIGNS BY OTHERS	-					1	REMOVE (JEFFERSON ST)(NORTH SECOND ST)		
	2	US-69 NB/SB	154+08.00	RT	R1-1	-					1	REMOVE (STOP)		
	3	US-69 NB/SB	154+11.00	RT	SPECIAL SIGN NO. 8	2.33		12.0				INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
	4				SPECIAL SIGN NO. 8	2.33							INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)	
	5				SPECIAL SIGN NO. 17	2.00							INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 17 (N SECOND ST)	
	6				SPECIAL SIGN NO. 17	2.00							INSTALL (REVERSE) SPECIAL SIGN NO. 17 (N SECOND ST)	
	7	R1-1	5.18								INSTALL (STOP)			
	8	US-69 NB/SB	154+46.00	RT	R2-1E(55)	-					1	REMOVE (SPEED LIMIT 55)		
	9	US-69 NB/SB	156+58.00	LT	S1-1E, W16-9PE	-					1	REMOVE (SCHOOL CROSSING)(AHEAD)		
	10	US-69 NB/SB	156+58.00	LT	S1-1E	12.00		13.0				INSTALL (SCHOOL CROSSING)		
	11	US-69 NB/SB	156+58.00	LT	W16-9PE	3.75						INSTALL (AHEAD)		
	12	US-69 NB/SB	157+88.00	LT	R2-1E(45)	-					1	REMOVE (SPEED LIMIT 45)		
	13	US-69 NB/SB	165+61.00	LT	W3-5E(45)	-					1	REMOVE (SPEED REDUCTION 45)		
	14	US-69 NB/SB	171+24.00	RT	W11-10E	16.00		12.0				INSTALL (TRUCK CROSSING)		
	15	US-69 NB/SB	171+24.00	RT	W11-10E	-					1	REMOVE (TRUCK CROSSING)		
	16	US-69 NB/SB	176+16.00	LT	SIGNS BY OTHERS	-					1	REMOVE (TUSHKA LIMITS)(STATE ROADSIDE MAINTENANCE ENDS)		
	17	US-69 NB/SB	176+16.00	LT	SPECIAL SIGN NO. 18	7.00		12.0				INSTALL SPECIAL SIGN NO. 18 (TUSHKA LIMITS)		
	18	US-69 NB/SB	176+16.00	LT	SPECIAL SIGN NO. 19	3.00						INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 19 (STATE ROADSIDE MAINTENANCE ENDS)		
T035	1	US-69 NB/SB	186+03.00	RT	W2-2E	16.00		13.0	13.0			INSTALL (SIDE ROAD LEFT)		
	2				SPECIAL SIGN NO. 20	5.50							INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 20 (COMMUNITY CHAPEL ROAD)	
	3	US-69 NB/SB	186+03.00	RT	W2-2, SIGN BY OTHERS	-					1	REMOVE (SIDE ROAD LEFT)(COMMUNITY CHAPEL RD)		
	4	US-69 NB/SB	187+94.00	RT	SIGN BY OTHERS	-					1	REMOVE (COMMUNITY CHAPEL ROAD LEFT ARROW)		
	5	US-69 NB/SB	187+94.00	RT	SPECIAL SIGN NO. 21	17.50		12.0	12.0			INSTALL SPECIAL SIGN NO. 21 (COMMUNITY CHAPEL ROAD LEFT ARROW)		
	6	US-69 NB/SB	188+79.00	LT	R2-1E(45)	12.00		12.0				INSTALL (SPEED LIMIT 45)		
	7	US-69 NB/SB	189+64.00	LT	SPECIAL SIGN NO. 8	2.33		12.0				INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
	8				SPECIAL SIGN NO. 8	2.33							INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)	
	11				R1-1	5.18								INSTALL (STOP)
	12				SPECIAL SIGN NO. 23	2.33								INSTALL (REVERSE) SPECIAL SIGN NO. 23 (03 02 13.50)
	13	US-69 NB/SB	190+00.00	LT	R1-1, SIGNS BY OTHERS	-					1	REMOVE (STOP)(03, 02, 13.50)		
	14	US-69 NB/SB	190+33.00	RT	SIGNS BY OTHERS	-						REMOVE (WELCOME ATOKA CITY LIMITS)(STATE ROADSIDE MAINTENANCE ENDS)		
	15	US-69 NB/SB	190+33.00	RT	SPECIAL SIGN NO. 24	10.50		12.0				INSTALL SPECIAL SIGN NO. 24 (WELCOME ATOKA CITY LIMITS PLEASE DRIVE CAREFULLY)		
	16	US-69 NB/SB	190+33.00	RT	SPECIAL SIGN NO. 19	3.00						INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 19 STATE ROADSIDE MAINTENANCE ENDS		
17	US-69 NB/SB	191+00.00	LT	SPECIAL SIGN NO. 26	17.50		12.0	12.0			INSTALL SPECIAL SIGN NO. 26 (COMMUNITY CHAPEL ROAD RIGHT ARROW)			
18	US-69 NB/SB	191+54.00	LT	SIGN BY OTHERS	-					1	REMOVE (COMMUNITY CHAPEL ROAD RIGHT ARROW)			
19	US-69 NB/SB	198+89.00	LT	W2-2E	16.00		14.0	14.0			INSTALL (SIDE ROAD RIGHT)			
20	US-69 NB/SB	198+89.00	LT	SPECIAL SIGN NO. 20	5.50						INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 20 (COMMUNITY CHAPEL ROAD)			
21	US-69 NB/SB	198+89.00	LT	W2-2, SIGN BY OTHERS	-					1	REMOVE W2-2, SIGN BY OTHERS (COMMUNITY CHAPEL ROAD)			
22	US-69 NB/SB	200+24.00	LT	R2-1E(55)	-					1	REMOVE (SPEED LIMIT 55)			

* FOR INFORMATION ONLY. SIGN TO BE INCLUDED IN TRAFFIC SIGNALS.

PLOT DATE: 26-JUN-2024
 FILENAME: p:\pw-int\hnb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Summary.dgn
 04:41 PM

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN	TGG		SUMMARY SHEET (TRAFFIC)	
CHECKED	MJG			
APPROVED				
SQUAD	HNTB			
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO. 30410(04) SHEET NO. AT04

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.
26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024

SIGN SUMMARY

SHEET	PLAN ITEM NO.	ALIGNMENT	STATION	SIDE	SIGN TYPE	SIGNS		POSTS				(PL) REMOVAL OF EXISTING SIGNS 805(A)	REMARKS			
						SHEET ALUMINUM SIGNS	3 1/2" @ 9.11 GALV. STL. PIPE POST	2-1/2" SQUARE TUBE POST		EA						
						850(A)	851(B)	851(C)	851(D)							
SF	POST A	POST B	POST A	POST B												
T036	1	US-69 NB/SB	216+54.00	LT	W11-10E	16.00							INSTALL (TRUCK CROSSING)			
	2	US-69 NB/SB	216+54.00	LT	W11-10E	-							REMOVE (TRUCK CROSSING)			
	3	US-69 NB/SB	219+31.00	LT	R2-1E(45)	12.00							INSTALL (SPEED LIMIT 45)			
	4	US-69 NB/SB	219+31.00	LT	R2-1E(55)	-							REMOVE (SPEED LIMIT 55)			
	5	US-69 NB/SB	219+31.00	RT	W2-2E	-							REMOVE (SIDE ROAD RIGHT)			
	6	US-69 NB/SB	223+38.00	RT	W2-2E	16.00							INSTALL (SIDE ROAD RIGHT)			
	7	US-69 NB/SB	229+78.00	RT	R1-1, SIGNS BY OTHERS	-							REMOVE (STOP)(03, 02, 14,20)			
	8	US-69 NB/SB	229+82.00	RT	SPECIAL SIGN NO. 8	2.33								INSTALL SPECIAL SIGN NO. 8 (N JEFFERSON ST)		
	9				SPECIAL SIGN NO. 8	2.33									INSTALL (REVERSE) SPECIAL SIGN NO. 8 (N JEFFERSON ST)	
	10				SPECIAL SIGN NO. 27	1.67									INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 27 (1844 RD)	
	11				SPECIAL SIGN NO. 27	1.67									INSTALL (REVERSE) SPECIAL SIGN NO. 27 (1844 RD)	
	12				R1-1	5.18										INSTALL (STOP)
	13				SPECIAL SIGN NO. 28	2.33										INSTALL (REVERSE) SPECIAL SIGN NO. 28 (03 (2) 14,20)
	14	US-69 NB/SB	233+87.00	RT	W6-1E	-							REMOVE (DIVIDED HIGHWAY)			
	15	US-69 NB/SB	236+44.00	RT	W2-2E	16.00							INSTALL (SIDE ROAD LEFT)			
	16	US-69 NB/SB	236+44.00	RT	W2-2E	-							REMOVE (SIDE ROAD LEFT)			
T037	1	US-69 NB/SB	246+47.00	LT	R5-1E	-							REMOVE (DO NOT ENTER)			
	2	US-69 NB/SB	246+78.00	MED	R4-7E	-							REMOVE (KEEP RIGHT)			
	1	BOGGY DEPOT	14+12.00	LT	S4-3P	1.33							INSTALL (SCHOOL)			
	2			LT	R2-1(25)	5.00								INSTALL (SPEED LIMIT 25)		
	3			LT	S4-1P	1.67								INSTALL (SCHOOL ZONE TIME, 7:30 AM TO 4:00 PM)		
	4	BOGGY DEPOT	14+36.00	RT	SIGN BY OTHERS	-							REMOVE (SCHOOL SPEED LIMIT 25, 7:30 AM TO 4:00 PM)			
	5	BOGGY DEPOT	15+44.00	RT	W3-3	-							REMOVE (SIGNAL AHEAD)			
	6	BOGGY DEPOT	17+96.00	RT	W3-3	6.25							INSTALL (SIGNAL AHEAD)			
	7	BOGGY DEPOT	18+29.00	LT	S4-5	9.00							INSTALL (REDUCE SPEED SCHOOL ZONE AHEAD)			
	8	BOGGY DEPOT	19+30.00	RT	S4-5	-							REMOVE (REDUCE SPEED SCHOOL ZONE AHEAD)			
	9	BOGGY DEPOT	19+51.00	LT	R2-1(30)	5.00							INSTALL (SPEED LIMIT 30)			
	10	BOGGY DEPOT	19+70.00	RT	R3-7R	6.25							INSTALL (RIGHT LANE MUST TURN RIGHT)			
	11	BOGGY DEPOT	20+14.00	RT	R2-1(30)	-							REMOVE (SPEED LIMIT 30)			
	12	BOGGY DEPOT	20+35.12	OVHD	SPECIAL SIGN NO. 30	*							INSTALL SPECIAL SIGN NO. 30 (69 75)			
	13	BOGGY DEPOT	20+48.00	RT	R3-7R	6.25							INSTALL (RIGHT LANE MUST TURN RIGHT)			
	14	BOGGY DEPOT	20+73.57	OVHD	SPECIAL SIGN NO. 29	*							INSTALL SPECIAL SIGN NO. 29 (W BOGGY DEPOT RD)			
	15	BOGGY DEPOT	21+55.17	OVHD	R10-12M	*								INSTALL R10-12M (LEFT TURN YIELD)		
	16			OVHD	SPECIAL SIGN NO. 29	*								INSTALL SPECIAL SIGN NO. 29 (W BOGGY DEPOT RD)		
	17			OVHD	R10-12M	*								INSTALL R10-12M (LEFT TURN YIELD)		
	18	BOGGY DEPOT	21+97.93	OVHD	R3-6L	*								INSTALL R3-6L (LANE-LEFT)		
	19			OVHD	R3-5R	*								INSTALL R3-5R (RIGHT TURN ONLY)		
	20			OVHD	SPECIAL SIGN NO. 30	*								INSTALL SPECIAL SIGN NO. 30 (69 75)		
	21	BOGGY DEPOT	25+45.00	RT	R1-1, SIGNS BY OTHERS	-							REMOVE R1-1, SIGNS BY OTHERS (POOL DR, BOGGY DEPOT)			
	22	BOGGY DEPOT	25+53.00	RT	SPECIAL SIGN NO. 22	2.33								INSTALL SPECIAL SIGN NO. 22 (W BOGGY DEPOT RD)		
	23			SPECIAL SIGN NO. 22	2.33									INSTALL (REVERSE) SPECIAL SIGN NO. 22 (W BOGGY DEPOT RD)		
	24			SPECIAL SIGN NO. 31	1.33									INSTALL (PREVIOUS POSTS) SPECIAL SIGN NO. 31 (POOL DR)		
	25			SPECIAL SIGN NO. 31	1.33									INSTALL (REVERSE) SPECIAL SIGN NO. 31 (POOL DR)		
	26			R1-1	5.18										INSTALL (PREVIOUS POSTS) R1-1	
	27	BOGGY DEPOT	25+92.00	LT	W3-3	-							REMOVE (SIGNAL AHEAD)			
	28	BOGGY DEPOT	25+92.00	LT	W3-3	6.25							INSTALL (SIGNAL AHEAD)			
	29	BOGGY DEPOT	26+11.00	RT	SIGN BY OTHERS	-							REMOVE SIGN BY OTHERS (SLOW CHILDREN PLAYING)			
30	ACCESS RD.	10+22.00	RT	R1-1	5.18							INSTALL R1-1 (STOP)				
31	ACCESS RD.	10+29.00	LT	W14-2	9.00							INSTALL W14-2 (NO OUTLET)				
SUB TOTALS:						940.73	30.0	30.0	764.0	73.0	63.0					
TOTALS:						940.73	60.00	60.00	837.00	63.00						

* FOR INFORMATION ONLY. SIGN TO BE INCLUDED IN TRAFFIC SIGNALS.

SUMMARY OF STRIPING

STATION TO STATION	YELLOW (MULTI-POLY) 856(A)			WHITE (MULTI-POLY) 856(A)			BLACK (MULTI-POLY) 856(A)	ARROWS (MULTI-POLY) 856(B)
	12" SOLID	6" SOLID	4" SOLID	24" SOLID	6" SOLID	4" SOLID	6" SOLID	EA.
	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	
US-69 NB/SB								
100+00 TO 111+00	0.00	756.00	0.00	0.00	957.00	0.00	0.00	0.00
111+00 TO 125+00	139.00	3,608.00	0.00	0.00	3,477.00	0.00	0.00	2.00
125+00 TO 139+00	248.00	3,766.00	0.00	651.00	3,711.00	0.00	230.00	14.00
139+00 TO 153+00	0.00	3,510.00	0.00	0.00	2,925.00	0.00	0.00	4.00
153+00 TO 167+00	0.00	3,510.00	0.00	0.00	3,429.00	0.00	0.00	2.00
167+00 TO 181+00	0.00	3,510.00	0.00	0.00	3,510.00	0.00	0.00	2.00
181+00 TO 195+00	0.00	3,510.00	0.00	0.00	3,373.00	0.00	0.00	2.00
195+00 TO 209+00	0.00	3,510.00	0.00	0.00	3,510.00	0.00	0.00	2.00
209+00 TO 223+00	0.00	3,510.00	0.00	0.00	3,510.00	0.00	0.00	2.00
223+00 TO 237+00	0.00	3,510.00	0.00	0.00	3,430.00	0.00	0.00	2.00
237+00 TO END	0.00	2,707.00	0.00	0.00	2,707.00	0.00	0.00	2.00
BOGGY DEPOT								
10+00 TO 21+00	0.00	0.00	1,554.00	0.00	0.00	1,712.00	0.00	4.00
21+00 TO END	0.00	0.00	808.00	0.00	0.00	866.00	-	-
TOTALS:	387.00	35,407.00	2,362.00	651.00	34,539.00	2,578.00	230.00	38.00

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		SUMMARY SHEET (TRAFFIC)				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	3041004	SHEET NO	AT05

REVISIONS		
REV. NO.	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS SECTION 404 PERMIT CONDITIONS

404 PERMIT INFORMATION

PERMIT GENERAL CONDITIONS

PERMIT GENERAL CONDITIONS

NATIONWIDE PERMIT NO. 14

TO BE PROVIDED AT A LATER DATE

SECTION 404 OF THE CLEAN WATER ACT REQUIRES PRIOR AUTHORIZATION FROM SECRETARY OF THE ARMY (CORPS) FOR THE DISCHARGE OF DREDGED OR FILL MATERIAL INTO WATERS OF THE UNITED STATES.

- NO PRE-CONSTRUCTION NOTIFICATION REQUIRED: PROJECT DOES NOT REQUIRE NOTIFICATION TO THE US ARMY CORPS OF ENGINEERS (USACE) IN ORDER TO COMMENCE.
- PRE-CONSTRUCTION NOTIFICATION REQUIRED: RESIDENT ENGINEER MUST NOTIFY THE USACE WITHIN 30 DAYS OF THE START OF CONSTRUCTION AND 30 DAYS PRIOR TO COMPLETION OF CONSTRUCTION, FORMS LOCATED IN THE CONTRACT.
- INDIVIDUAL PERMIT: WILL BE MONITORED CLOSELY BY THE USACE.
- GENERAL PERMIT: PROJECT WITHIN A DESIGNATED CRITICAL RESOURCE WATER AND WILL REQUIRE PRE-CONSTRUCTION NOTIFICATION SEE ABOVE FOR EXPLANATION OF PRE-CONSTRUCTION NOTIFICATION.
- NO PERMIT REQUIRED

SWT TRACKING NO. SWT-2022-210

SPECIAL CONDITIONS

THE CONTRACTOR SHALL BE RESPONSIBLE BUT NOT LIMITED TO THE FOLLOWING HIGHLIGHTS OF THE 404 PERMIT (SEE CONTRACT FOR COMPLETE LIST):

TEMPORARY FILLS:
 APPROPRIATE MEASURES MUST BE TAKEN TO MAINTAIN NORMAL DOWNSTREAM FLOWS AND MINIMIZE FLOODING TO THE MAXIMUM EXTENT PRACTICABLE. WHEN TEMPORARY STRUCTURES (WORK ROADS, WORK PADS, ETC.) WORK, AND DISCHARGES, INCLUDING COFFERDAMS, ARE NECESSARY FOR CONSTRUCTION ACTIVITIES, ACCESS FILLS, OR DE WATERING OF CONSTRUCTION SITES. TEMPORARY FILLS MUST CONSIST OF MATERIALS, AND BE PLACED IN A MANNER, THAT WILL NOT BE ERODED BY EXPECTED HIGH FLOWS. TEMPORARY FILLS MUST BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREAS RETURNED TO PRE-CONSTRUCTION ELEVATIONS. THE AREAS AFFECTED BY TEMPORARY FILLS MUST BE RE VEGETATED, AS APPROPRIATE.

NAVIGATION:
 NO ACTIVITY MAY CAUSE MORE THAN A MINIMAL ADVERSE EFFECT ON NAVIGATION WITHIN A NAVIGABLE WATER OF THE U.S. IF THIS PROJECT IS LOCATED WITHIN A NAVIGABLE WATER OF THE U.S., IT WILL BE IDENTIFIED IN THE SPECIAL CONDITIONS.

AQUATIC LIFE MOVEMENTS & ADVERSE EFFECTS FROM IMPOUNDMENTS:
 NO ACTIVITY MAY LARGELY DISRUPT THE NECESSARY LIFE CYCLE MOVEMENTS OF THOSE SPECIES INDIGENOUS TO THE BODY OF WATER, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA. CULVERTS WILL BE DESIGNED TO PROVIDE SUFFICIENT PASSAGE FOR AQUATIC LIFE AND INSTALLED TO MAINTAIN LOW FLOW. RATE OF FLOW CANNOT BE MADE HIGHER THAN WHAT WAS PRIOR TO THE START OF CONSTRUCTION. EROSION CONTROL MEASURES SHOULD BE UTILIZED AROUND THE PERIMETER OF NEW STRUCTURES TO AVOID SILT BUILD UP. CAUTION SHOULD BE TAKEN TO MINIMIZE HARM IF CONSTRUCTION ACTIVITIES TAKE PLACE WITHIN A STREAM OR RIVER CHANNEL AND CREATE A CONFINED BODY OF WATER, CAUSE ADVERSE EFFECTS TO THE AQUATIC SYSTEM IN ANY WAY, AND/OR RESTRICTING ITS FLOW.

MANAGEMENT OF WATER FLOWS:
 CONSTRUCTION ACTIVITIES MAY NOT IMPEDE THE PASSAGE OF NORMAL OR HIGH FLOWS. TO THE GREATEST EXTENT POSSIBLE, THE PRE- CONSTRUCTION COURSE, CONDITIONS, CAPACITY AND LOCATION OF OPEN WATERS MUST BE MAINTAINED. THIS INCLUDES STREAM CANALIZATION AND STORM WATER MANAGEMENT.

SUITABLE MATERIAL:
 NO ACTIVITY MAY USE UNSUITABLE MATERIAL (E.G., TRASH, DEBRIS, CAR BODIES, ASPHALT, ETC.). MATERIALS USED FOR CONSTRUCTION OR DISCHARGED MUST BE FREE FROM TOXIC POLLUTANTS IN TOXIC AMOUNTS (SEE SECTION 307 OF CLEAN WATER ACT).

PROPER MAINTENANCE:
 ANY AUTHORIZED STRUCTURE OR FILL SHALL BE PROPERLY MAINTAINED, INCLUDING MAINTENANCE TO ENSURE PUBLIC SAFETY AND COMPLIANCE WITH APPLICABLE NATION WIDE PERMIT GENERAL CONDITIONS, AS WELL AS ANY ACTIVITY- SPECIFIC CONDITIONS ADDED BY THE DISTRICT ENGINEER TO AN NATIONWIDE PERMIT AUTHORIZATION

HAZARDOUS MATERIALS:
 HAZARDOUS MATERIALS, CHEMICALS, FUELS, LUBRICATING OILS AND OTHER SUCH SUBSTANCES SHOULD BE STORED AWAY FROM ANY STREAM OR RIVER CHANNEL (SEE SECTION 307 OF CLEAN WATER ACT)

EQUIPMENT:
 HEAVY EQUIPMENT WORKING IN WETLANDS OR MUDFLATS MUST BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE; FOR EXAMPLE IF WETLANDS ARE PRESENT WITHIN THE CONSTRUCTION, THE FOOTPRINT WILL BE SHOWN ON THE PLANS. MEASURES SHOULD BE TAKEN TO PREVENT DISCHARGE INTO ANY WATERS OF THE STATE (e.g. CONCRETE WASHOUT).

SOIL EROSION AND SEDIMENT CONTROLS:
 APPROPRIATE SOIL EROSION AND SEDIMENT CONTROLS MUST BE USED AND MAINTAINED IN EFFECTIVE OPERATING CONDITION DURING CONSTRUCTION, AND ALL EXPOSED SOILS AND OTHER FILLS, AS WELL AS ANY WORK WITHIN STREAM OR RIVER CHANNELS OR BANKS, MUST BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE.

404 COMPLIANCE:
 IN ORDER TO REMAIN COMPLIANT WITH THE 404 PERMIT, THE PROJECT MUST COMPLY WITH ALL FEDERAL ENVIRONMENTAL PROTECTION LAWS ASSOCIATED AND, THE ENVIRONMENTAL COMMITMENTS AS SHOWN ON THE PLANS. THIS INCLUDES BUT IS NOT LIMITED TO COMPLIANCE WITH ALL ENVIRONMENTAL NOTES IN THE PLANS, INCLUDING CULTURAL RESOURCES, HAZARDOUS WASTE, BIOLOGICAL FOR PROTECTED SPECIES, AND DEQ STORM WATER REGULATIONS AS THEY PERTAIN TO THE SWMP SHEET WITHIN THE PLANS. ALL OF THE 404 PERMIT GENERAL AND SPECIFIC CONDITIONS MUST BE ADHERED TO. A COPY OF THESE CONDITIONS CAN BE FOUND IN THE CONTRACT WITH THE 404 PERMIT.

FUELING:
 ALL FUELING AND SERVICING OF VEHICLES AND EQUIPMENT SHALL BE DONE ABOVE THE ORDINARY HIGH WATER MARK (OHWM).

MATERIAL STORAGE:
 STORE MATERIAL AND FUEL OUTSIDE OF THE ORDINARY HIGH WATER MARK OR ANY AREA LIKELY TO FLOOD.

DEBRIS STORAGE:
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY MATERIALS, DEBRIS, OR REFUSE WHICH HAS FALLEN INTO ANY STREAM OR RIVER CHANNELS RESULTING FROM THE EXECUTION OF THE PROJECT AS SOON AS POSSIBLE

SEE NATIONWIDE PERMIT 14 IN THE CONTRACT

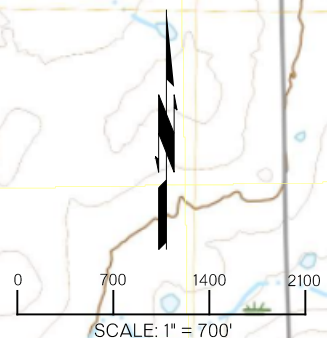
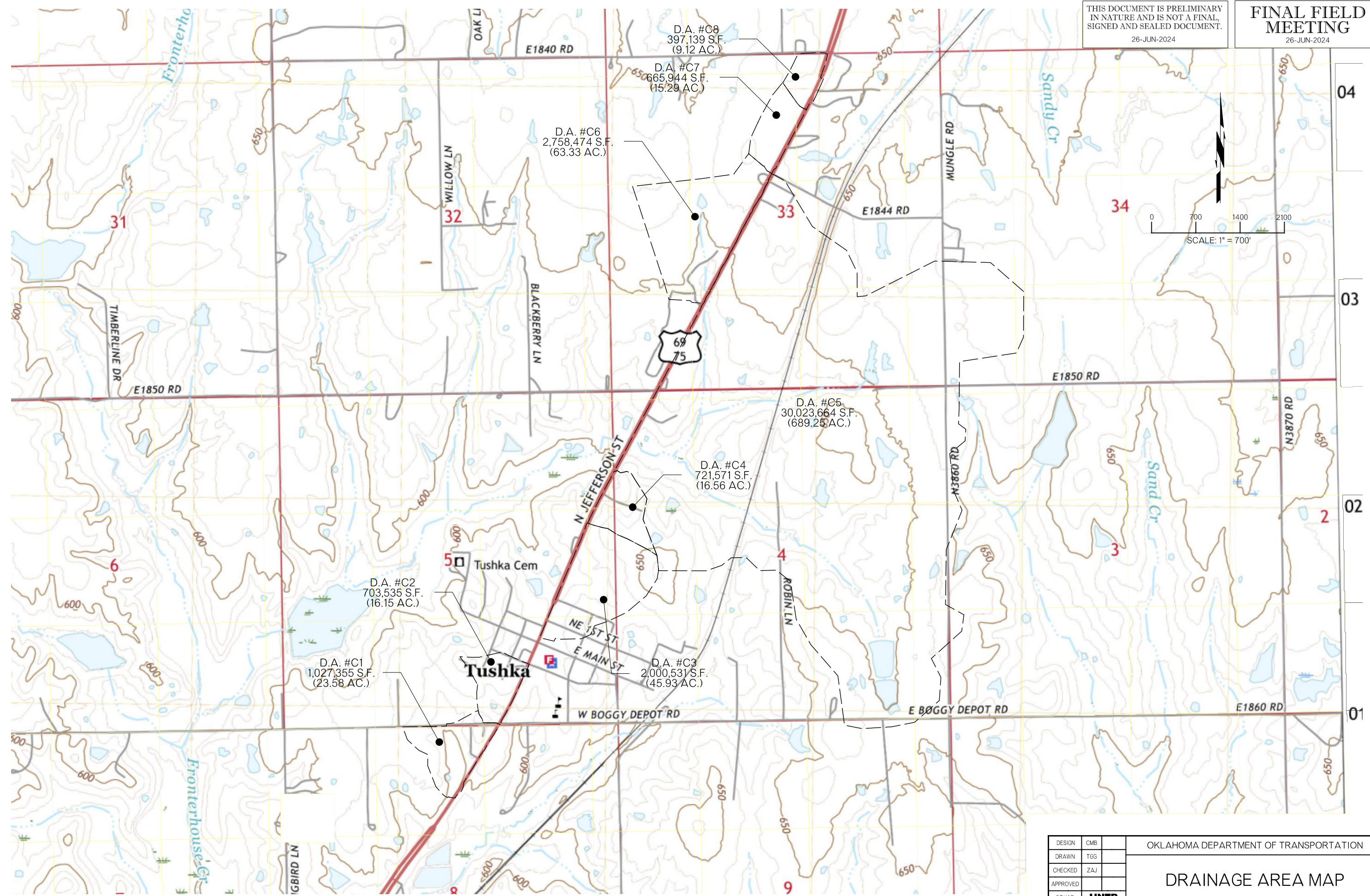
401 CERTIFICATION CONDITIONS

THE CONTRACTOR SHALL BE RESPONSIBLE BUT NOT LIMITED TO THE FOLLOWING HIGHLIGHTS OF THE 401 CERTIFICATION (SEE CONTRACT FOR COMPLETE LIST):

- ALL SPILLS OF FUEL OR POLLUTANTS IN EXCESS OF FIVE GALLONS SHALL BE REPORTED TO ODEQ WITHIN 24 HRS AND REPORTED TO POLLUTION PREVENTION HOTLINE (1-800-522-0206)
- ALL FUELING AND SERVICING OF VEHICLES AND EQUIPMENT SHALL BE DONE OUTSIDE THE ORDINARY HIGH WATER MARK
- THE PERMITTEE SHALL PROVIDE ACCESS TO THE PROPERTY TO ODEQ FOR INSPECTIONS.
- ANY STOCKPILE SHALL BE ABOVE ORDINARY HIGH WATER MARK AND REMOVED FROM LIKELY FLOOD ZONE
- BEST MANAGEMENT PRACTICES SHOULD BE USED TO CONTROL SOIL EROSION AND MAINTAIN COMPLIANCE WITH WATER QUALITY STANDARDS.
- FOR ANY PROJECT THAT INVOLVES BANK STABILIZATION, THE PERMITTEE SHALL CONSIDER INSTALLING BIOENGINEERING PRACTICES IN PLACE OF STRUCTURAL PRACTICES (RIPRAP) TO MINIMIZE IMPACTS TO AQUATIC RESOURCES

SECTION 404 PERMIT COMPLIANCE		DETAIL	
		REVIEW	
		APPROVED	
ENVIRONMENTAL DIVISION			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. E001

PLOT DATE: 26-JUN-2024 09:53 AM
FILENAME: p:\jpw-int\hntb.org\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Drainage Area Map.dgn



DESIGN	CMB
DRAWN	TGG
CHECKED	ZAJ
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

COUNTY: ATOKA HIGHWAY: US 69 STATE JOB NO: 30410(04) SHEET NO: R001

DRAINAGE STRUCTURE SUMMARY (1 of 2)

Table with columns: STATION, STR. NO., OFFSET, ALIGNMENT, DESCRIPTION, BYPASS TO STR. NO., DRAINAGE AREA, LAND USE, RUNOFF COEFFICIENT, Lc, So, L, S, Tc, DESIGN FREQUENCY, DESIGN INTENSITY, Q10, Q50, Q100, DESIGN SPREAD. Includes rows for various drainage structures like concrete flumes, curb inlets, and manholes.

NOTE: USE CURB TURNOUT FOR CURB INLET FROM SSCD-4 FOR ALL CURB INLETS (TYP)

PLOT DATE: 26-JUN-2024
FILENAME: p:\jpw-int.hntb.org\Projects\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-SummaryOfDrainage.dgn

Approval table with columns: DESIGN, RBH, DRAWN, TGG, CHECKED, MJG, APPROVED, SQUAD, HNTB, COUNTY, ATOKA, HIGHWAY, US 69, STATE JOB NO, 30410\04, SHEET NO, R002.

DRAINAGE STRUCTURE SUMMARY (2 of 2)

Table with columns: STATION, STR. NO., OFFSET, ALIGNMENT, DESCRIPTION, BYPASS TO STR. NO., DRAINAGE AREA, LAND USE, RUNOFF COEFFICIENT, L0, S0, L, S1, Tc, DESIGN FREQUENCY, DESIGN INTENSITY, Q10, Q50, Q100, DESIGN SPREAD. Rows include details for various drainage structures like inlets, drop inlets, and culverts.

NOTE: USE CURB TURNOUT FOR CURB INLET FROM SSCD-4 FOR ALL CURB INLETS (TYP)

PLOT DATE: 26-JUN-2024
FILENAME: pw:\fw-int.hnb.org\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04--Summary\DRD.dgn

Table with columns: DESIGN, RBH, DRAWN, TGG, CHECKED, MJG, APPROVED, SQUAD, HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE DESIGN RECORD

COUNTY: ATOKA HIGHWAY: US 69 STATE JOB NO: 30410(04) SHEET NO: R003

STORM WATER MANAGEMENT PLAN

REVISIONS	
DESCRIPTION	DATE

SITE DESCRIPTION

PROJECT LIMITS: US HWY 69 FROM APPROX. 0.4 MI. S.W. OF EXISTING BOGGY DEPOT RD. INTERSECTION TO APPROX. E. 1850 RD. AND BOGGY DEPOT RD. FROM 0.2 MI. EAST OF HOLLEY RD. TO 500 FT. WEST OF S. PECAN ST.

PROJECT DESCRIPTION: WIDENING OF THE EXISTING US- 69 HWY TO INCLUDE NEW CENTER TURN LANE, SHOULDERS, AND CULVERT EXTENSIONS WITH A CURB AND GUTTER SECTION THROUGH TUSHKA, OK. INCLUDES REALIGNMENT OF BOGGY DEPOT RD.

- SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:** _____
1. PLACE PERIMETER CONTROLS OR PHASE 1 CONSTRUCTION
 2. CLEARING AND GRUBBING, PHASE 1
 3. REMOVALS, PHASE 1
 4. GRADING, PHASE 1
 5. CONSTRUCT ROADWAY, PHASE 1
 6. INSTALL SODDING, PHASE 1
 7. REMOVAL OF TEMPORARY MEASURES FOR PHASE 1
 8. REPEAT STEPS 1-7 FOR PHASES 2-4
 9. REMOVAL OF PERIMETER CONTROL
 10. SITE CLEANUP

SOIL TYPE: FINE SANDY LOAM

TOTAL AREA OF THE CONSTRUCTION SITE: 54.7 ACRES

ESTIMATED AREA TO BE DISTURBED: 54.7 ACRES

OFFSITE AREA TO BE DISTURBED: _____
(FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 19.7 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 28.6 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.55

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 34°19'42"N, 96°9'45"W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: FRONTERHOUSE CREEK, UNNAMED TRIBUTARY TO SAND CREEK, SANDY CREEK

SENSITIVE WATERS OR WATERSHEDS: YES NO

303(d) IMPAIRED WATERS: YES NO

IF YES, LIST IMPAIRMENT: _____

LOCATED IN A TMDL: YES NO

LAKE THUNDERBIRD TMDL: YES NO

MS4 ENTITY YES NO

IF YES, LOCATION: _____

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
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- _____ SOIL RETENTION BLANKET
- _____ 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
- TEMPORARY SILT FENCE
- TEMPORARY SILT DIKES
- TEMPORARY FIBER LOG
- _____ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- _____ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- _____ 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
- _____ 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:

- _____ HAUL ROADS DAMPENED FOR DUST CONTROL
- _____ LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- _____ 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:

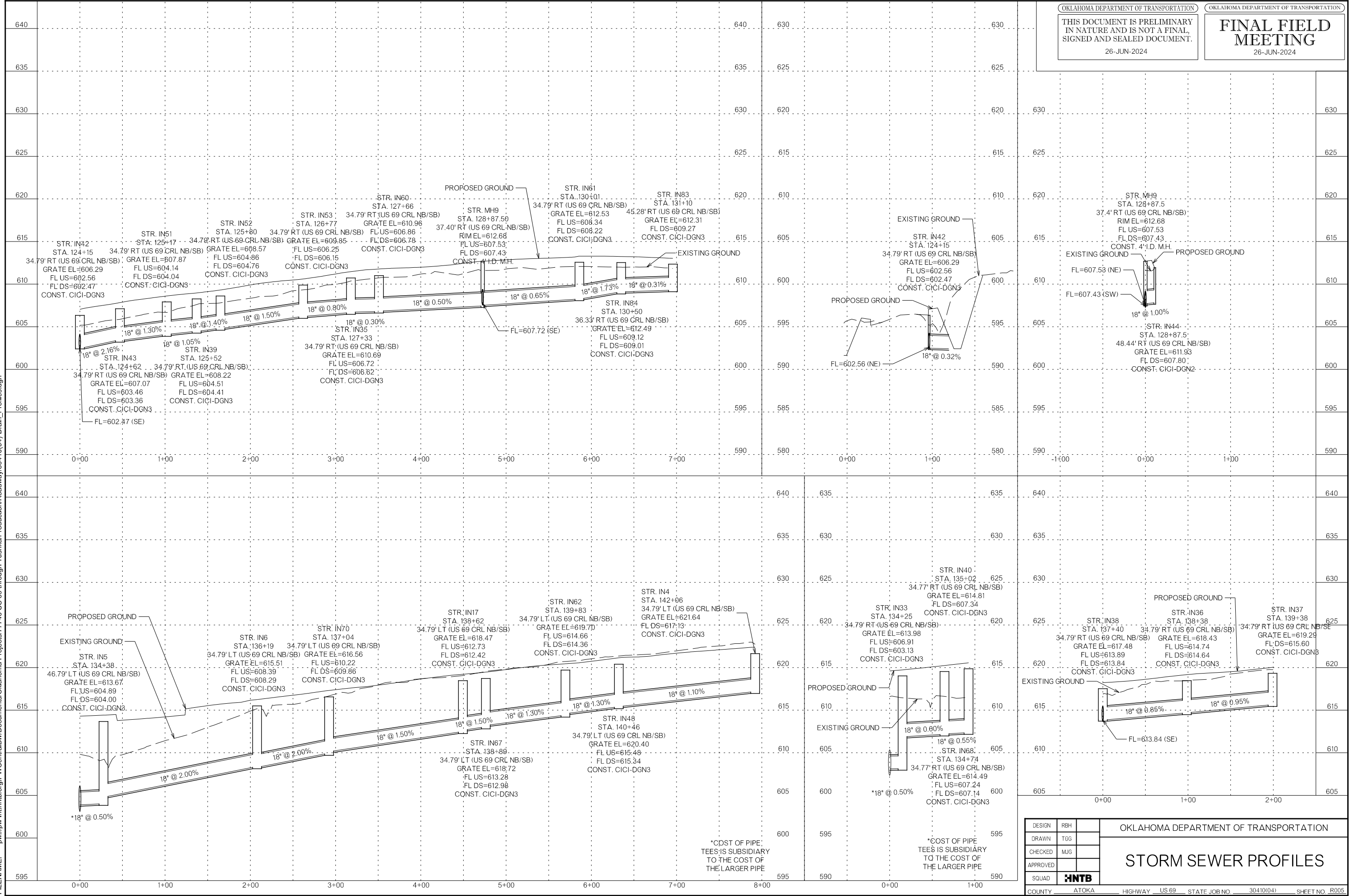
ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA. ODEQ, WATER QUALITY DIVISION, OCTOBER 18, 2022.

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

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION	
DRAWN			<h2 style="margin: 0;">STORM WATER MANAGEMENT PLAN</h2>	
CHECKED				
APPROVED				
SQUAD	XXXXX			
COUNTY -XXXXXXXXXX - HIGHWAY -US-XXX - STATE JOB NO - JPXXXX(X) - SHEET NO -XXX				

26-JUN-2024 pw://pw-int.hmtb.org:PWCentralDiv/Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-SWMP - 2019 Spec.dgn

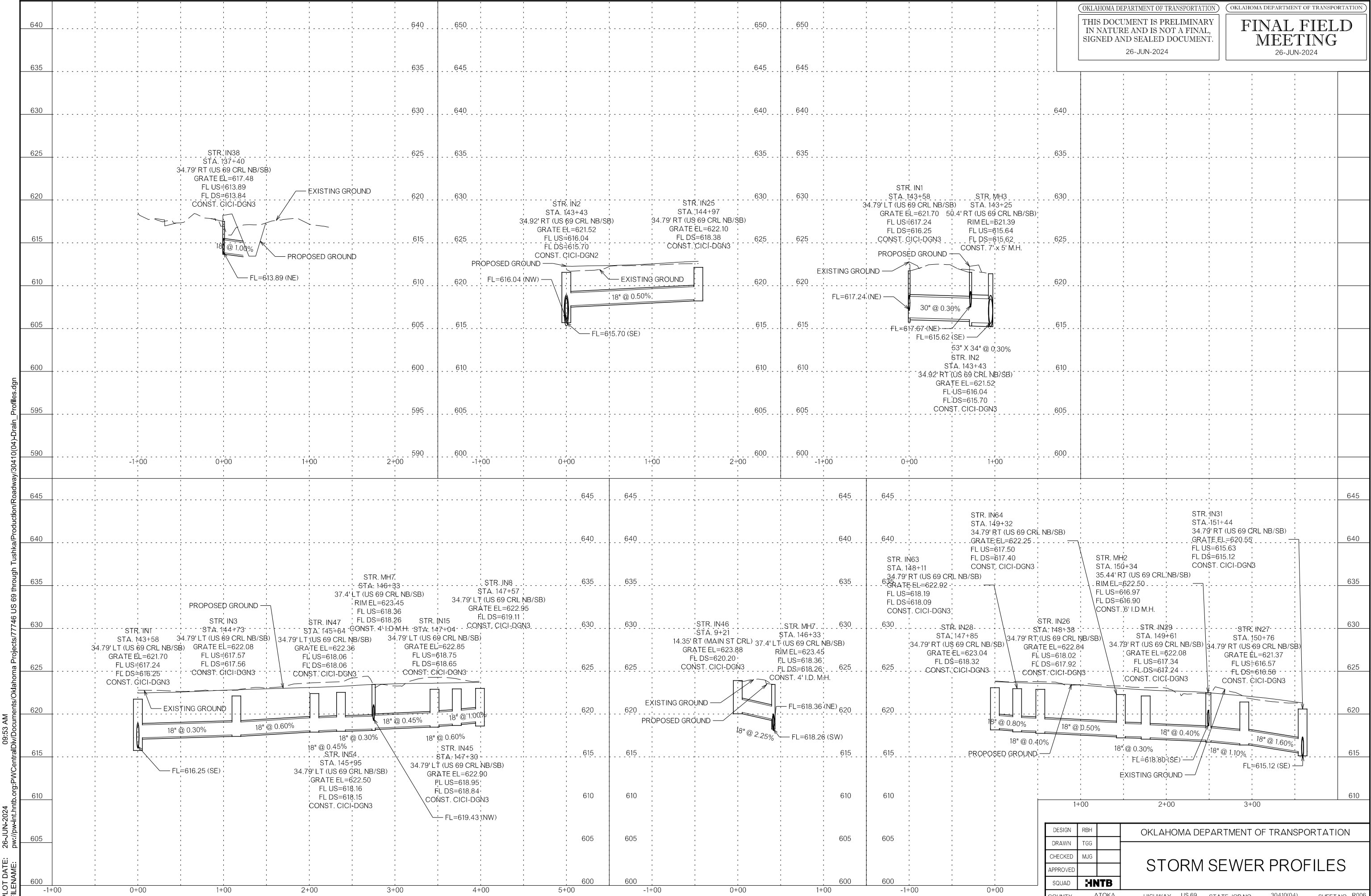
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 THE LARGER PIPE

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DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MUG		
APPROVED			
SQUAD	HNTB		
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO. <u>30410(04)</u> SHEET NO. <u>R005</u>			STORM SEWER PROFILES

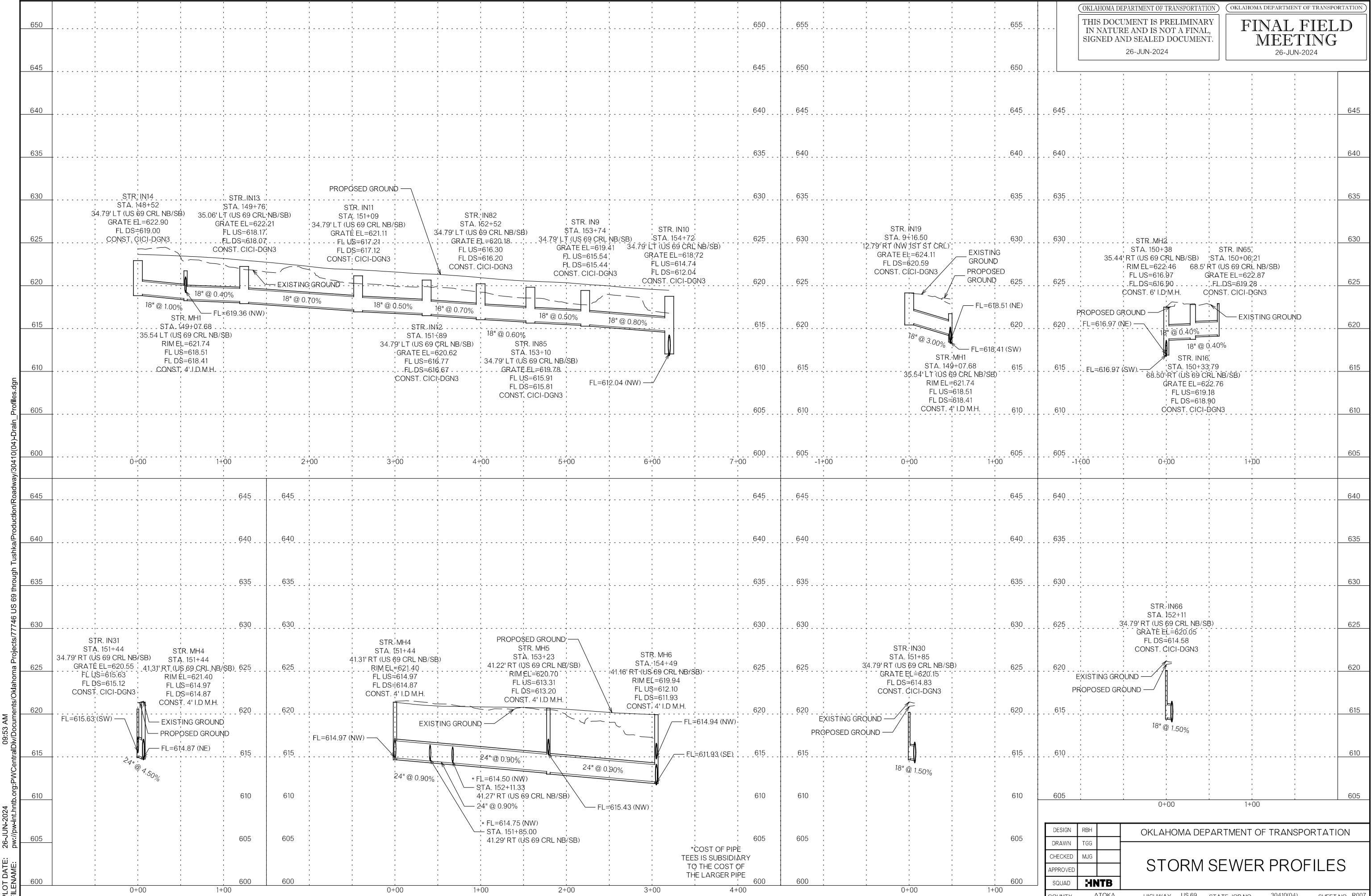


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SQUAD	HNTB		
COUNTY	ATOKA	HIGHWAY	US 69
STATE	OK	JOB NO.	30410(04)
SHEET NO.	R006		

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
 MEETING**
 26-JUN-2024



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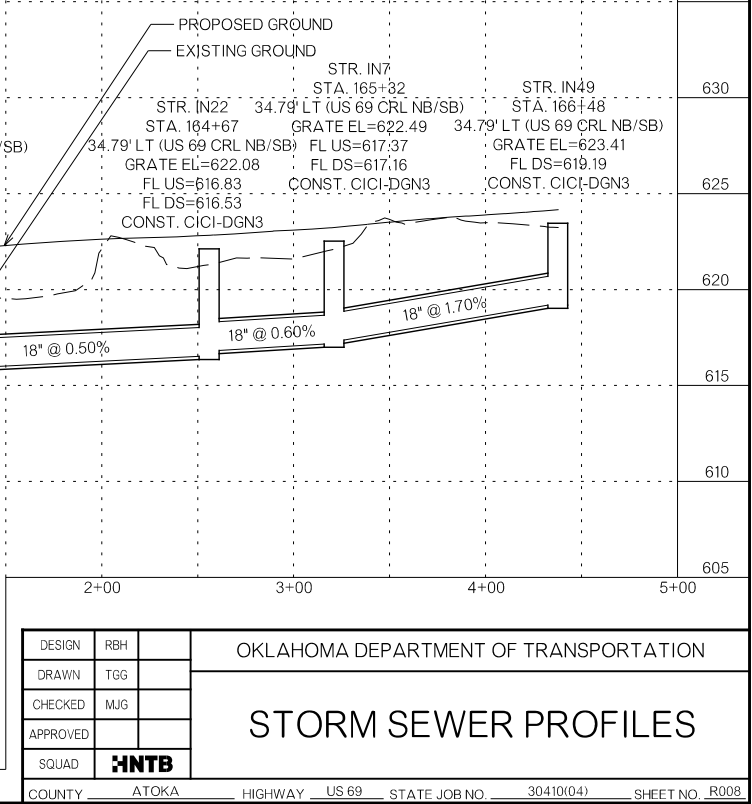
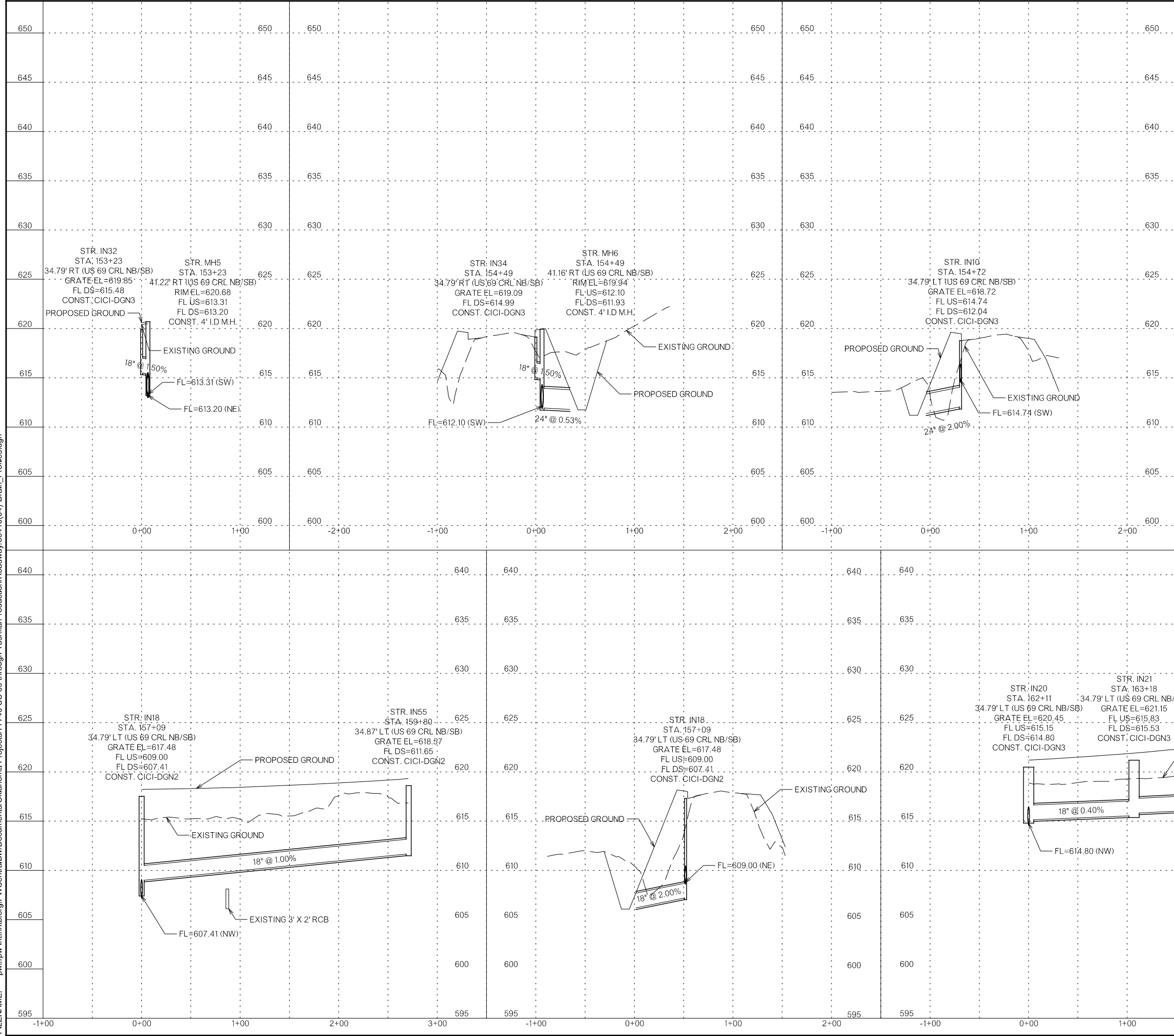
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COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO. 30410(04) SHEET NO. R007	

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
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 MEETING**
 26-JUN-2024

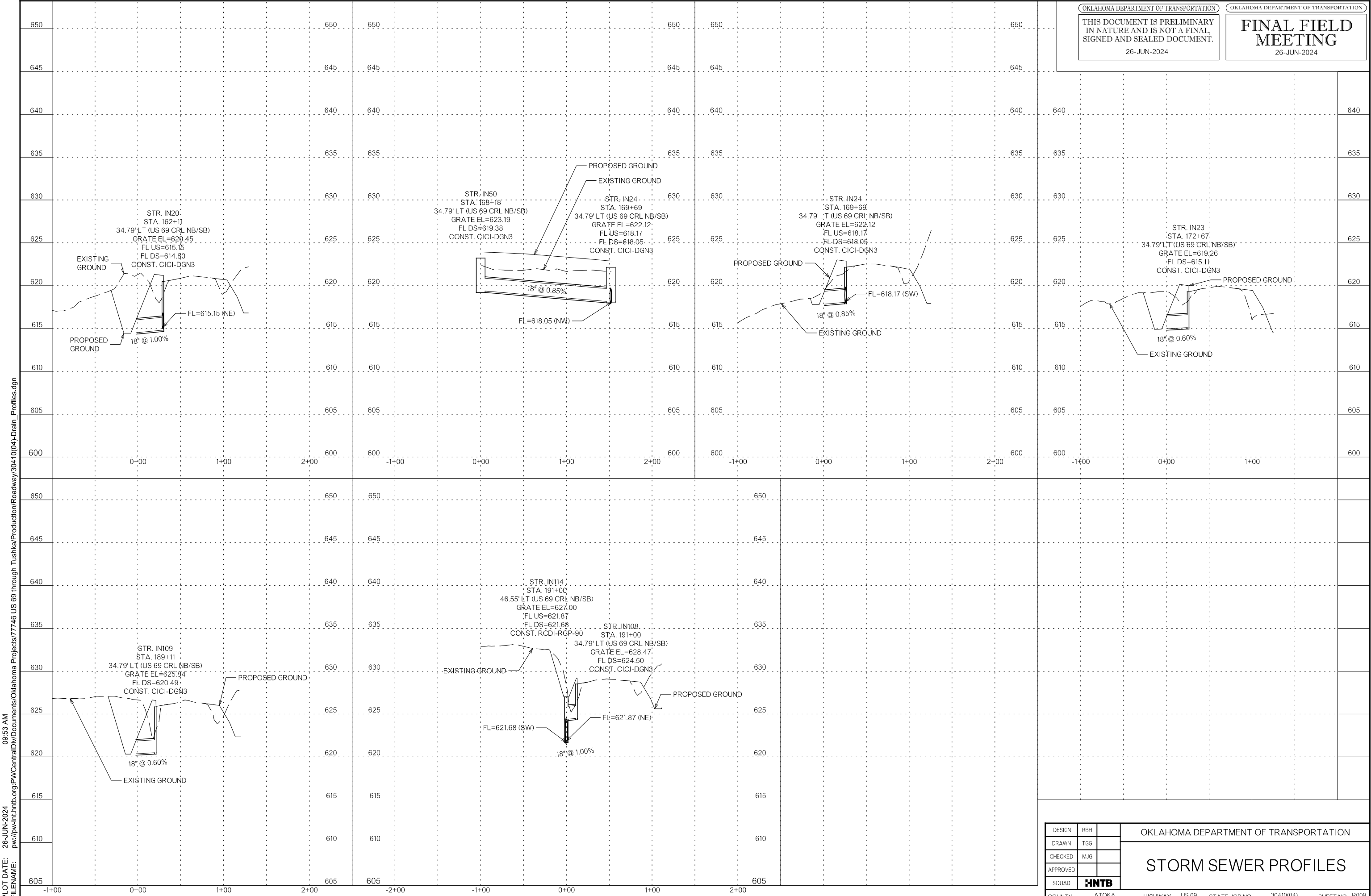
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COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO. <u>30410(04)</u> SHEET NO. <u>R008</u>			

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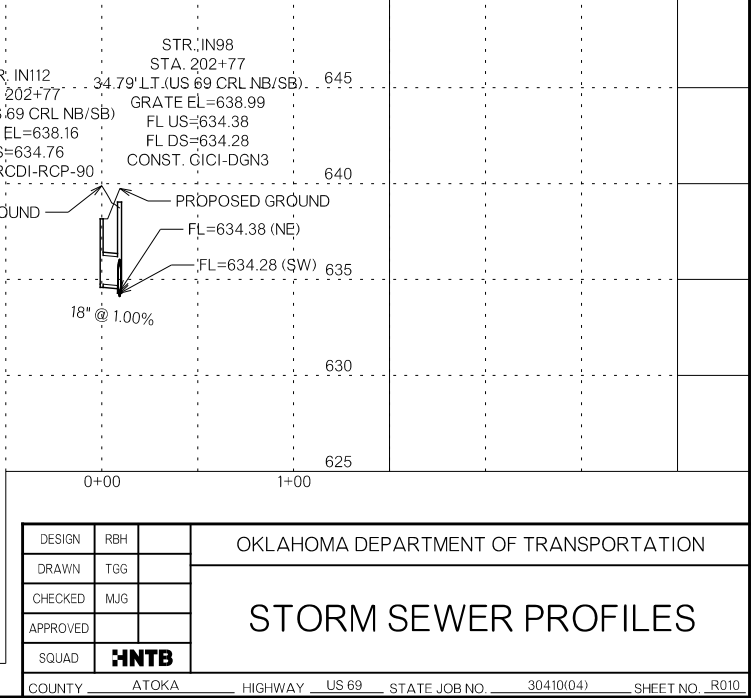
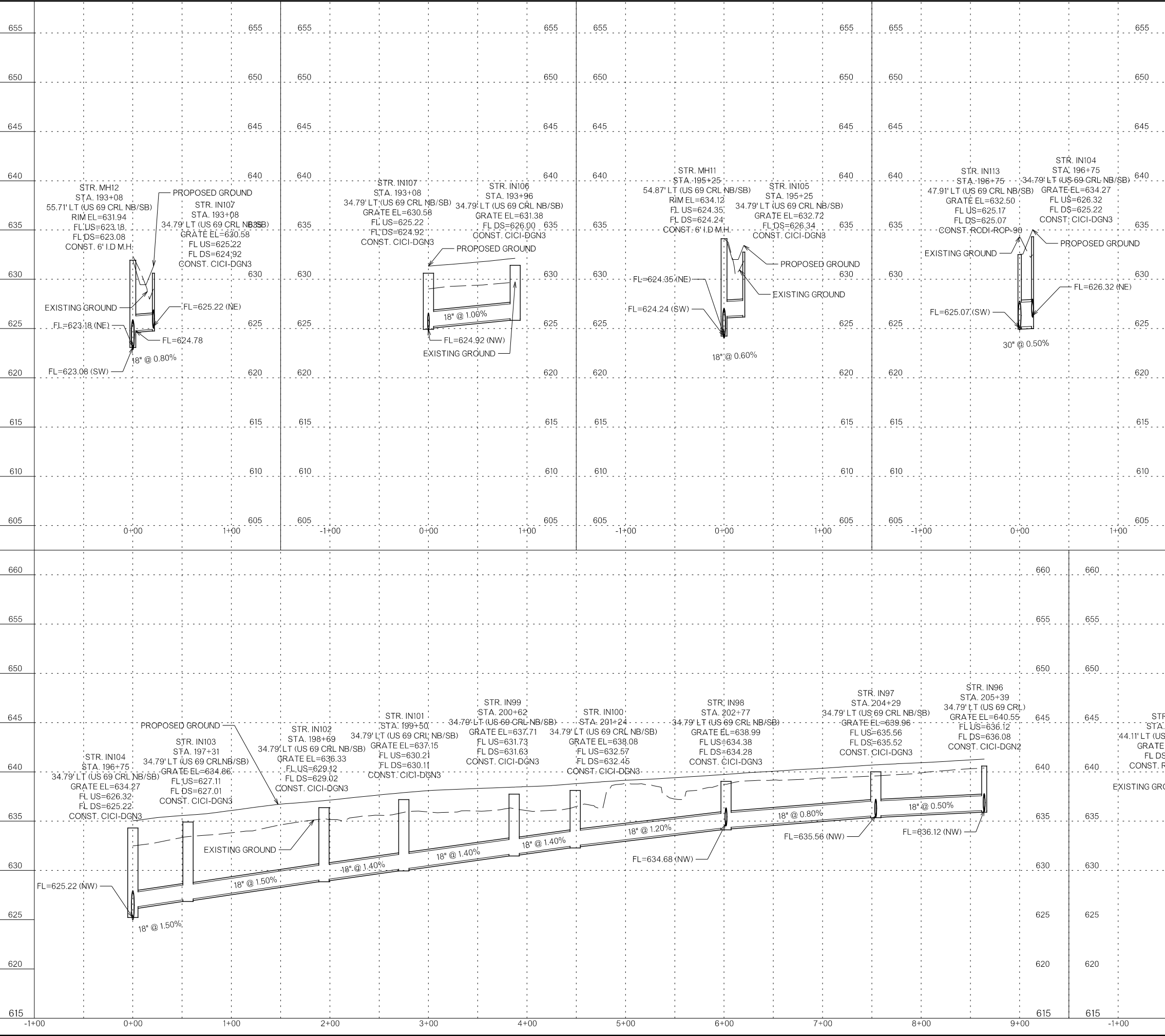
OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
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 26-JUN-2024



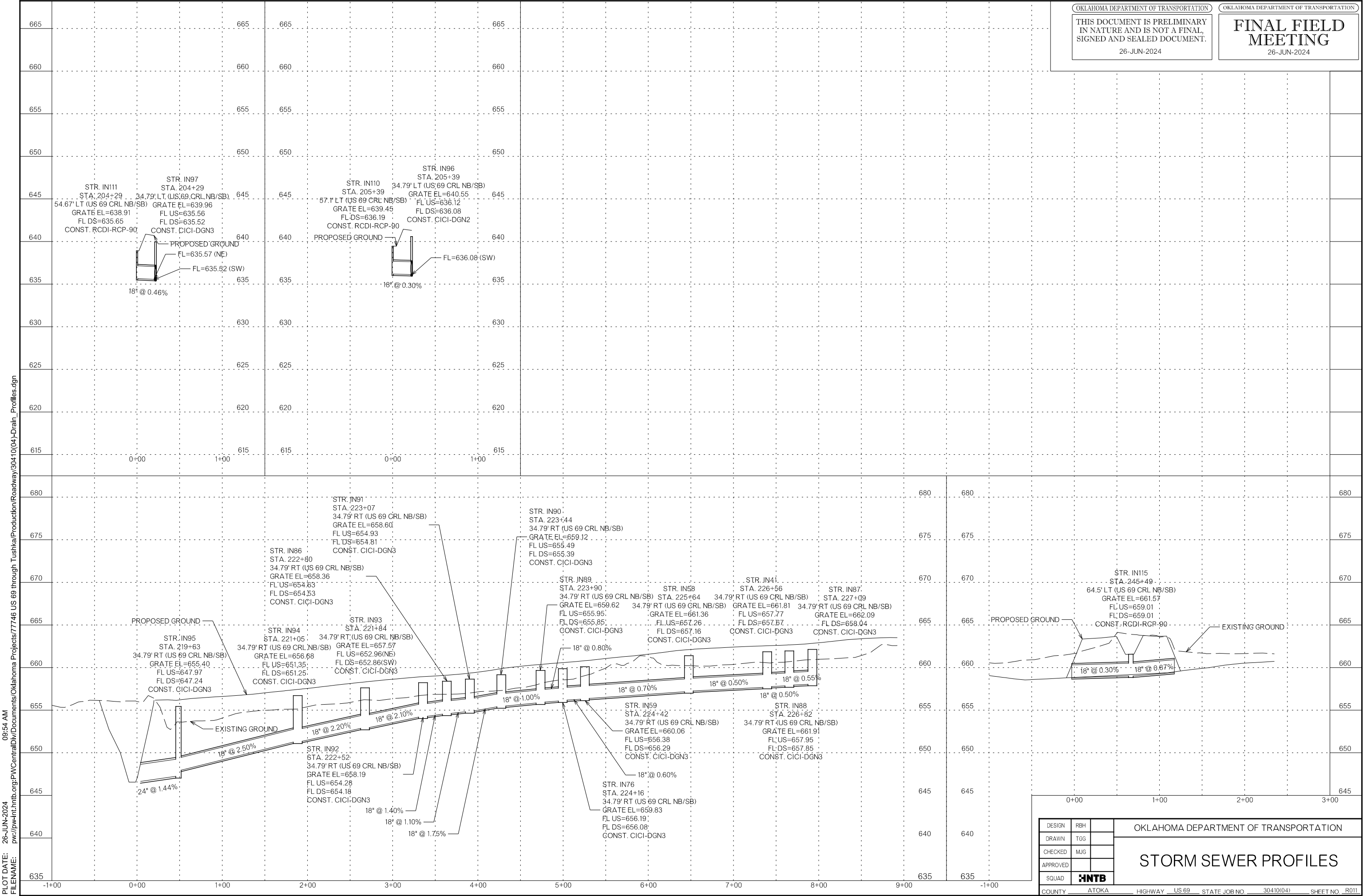
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SQUAD	HNTB		
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO. <u>30410(04)</u> SHEET NO. <u>R009</u>			STORM SEWER PROFILES

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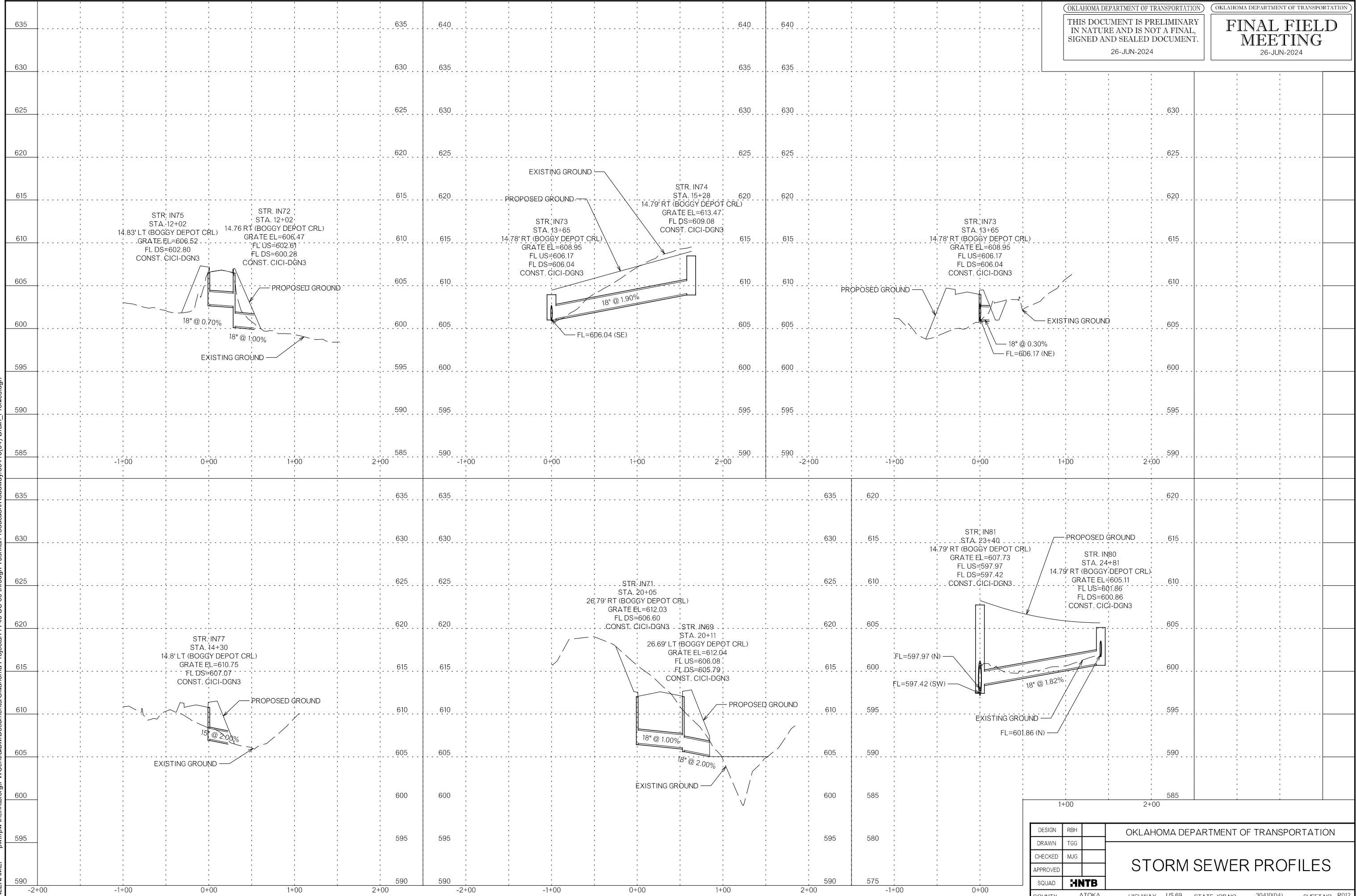
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APPROVED			
SQUAD			
HNTB			STORM SEWER PROFILES
COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO. 30410(04) SHEET NO. R011	

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 26-JUN-2024

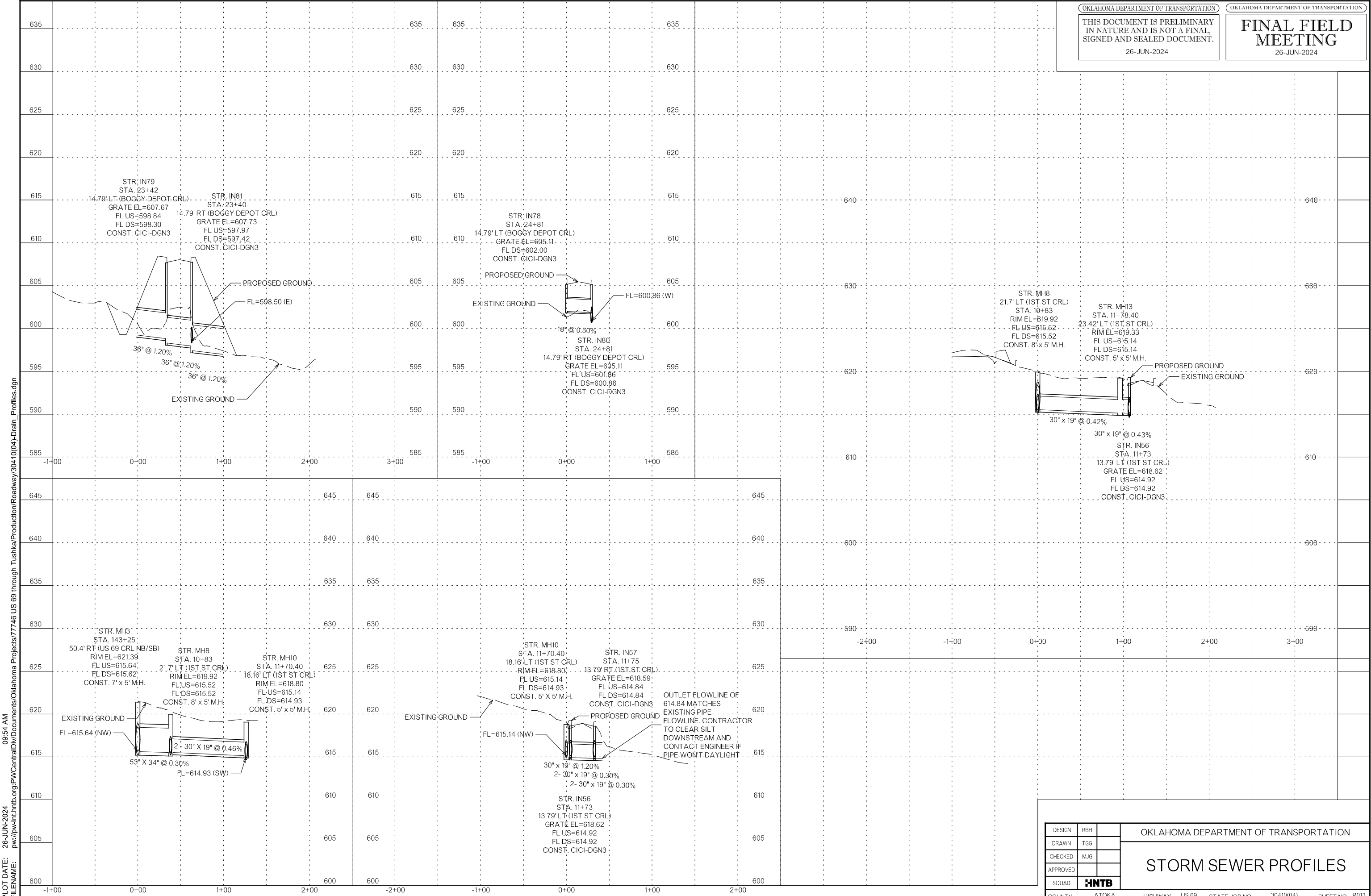
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SQUAD			
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COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO. 30410(04) SHEET NO. R012	

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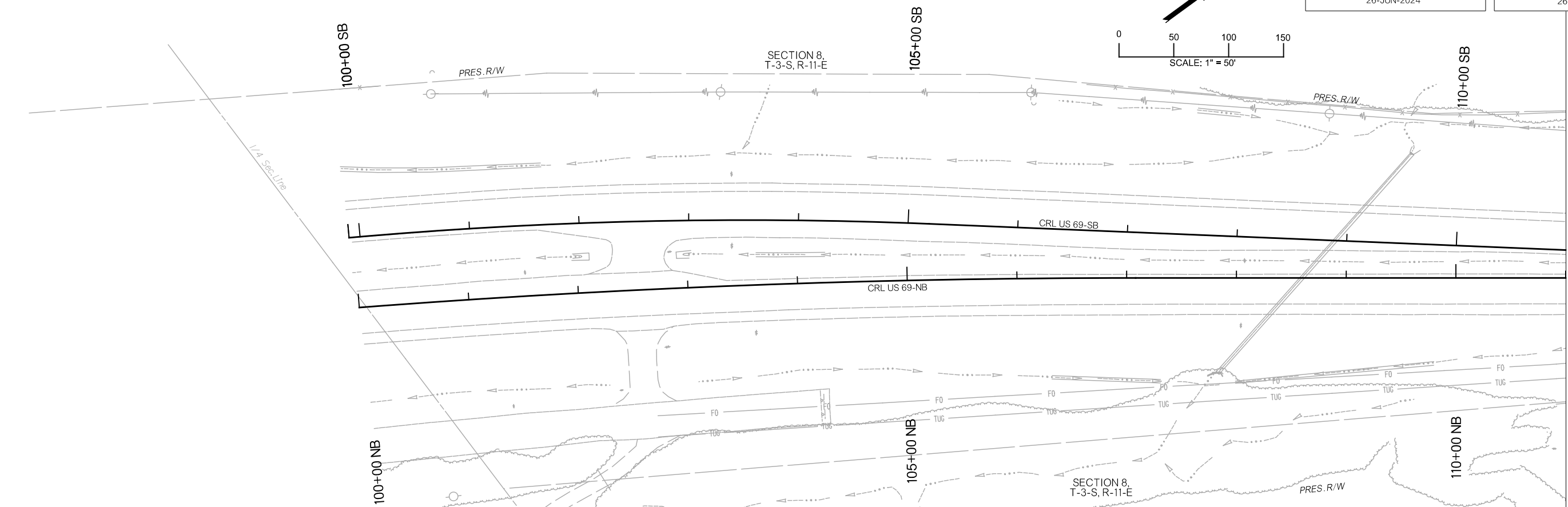
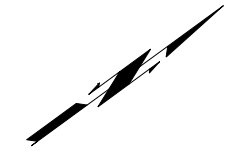
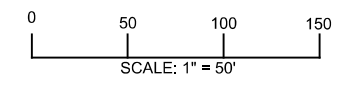
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**FINAL FIELD
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 26-JUN-2024



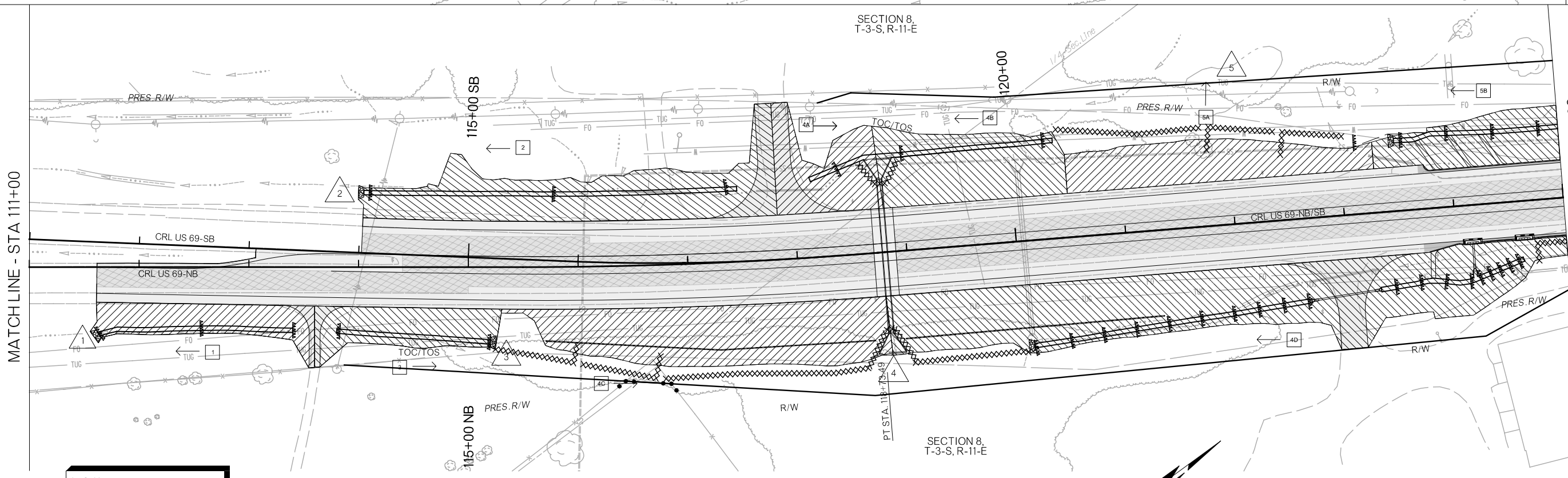
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APPROVED		
SQUAD	HNTB	
COUNTY		ATOKA
HIGHWAY		US 69
STATE JOB NO.		30410(04)
SHEET NO.		R013

STORM SEWER PROFILES



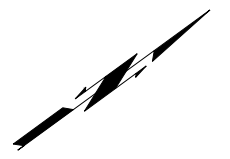
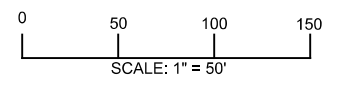
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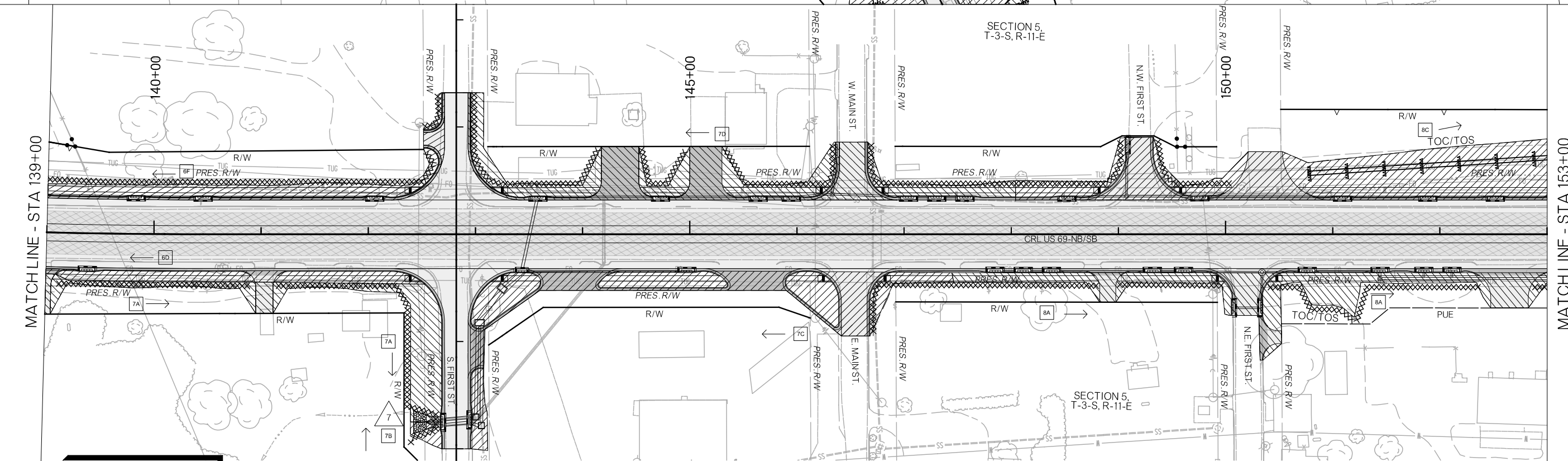
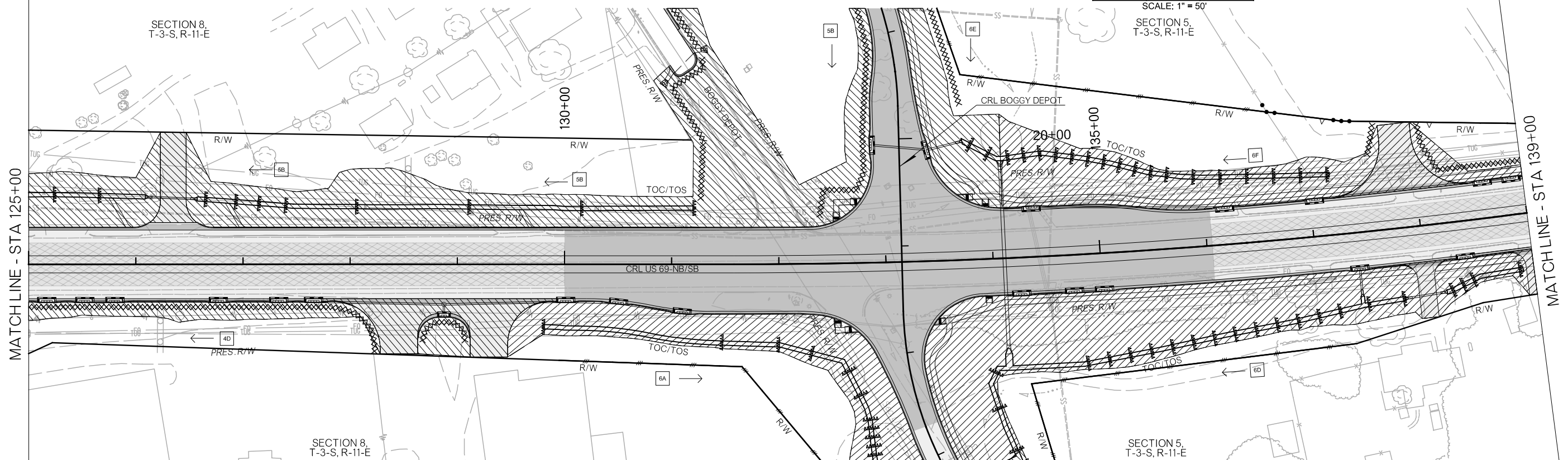
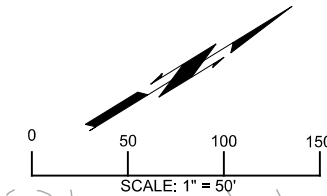
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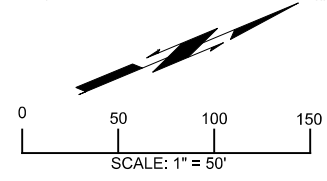
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COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO.	30410(04)
SHEET NO.	R014

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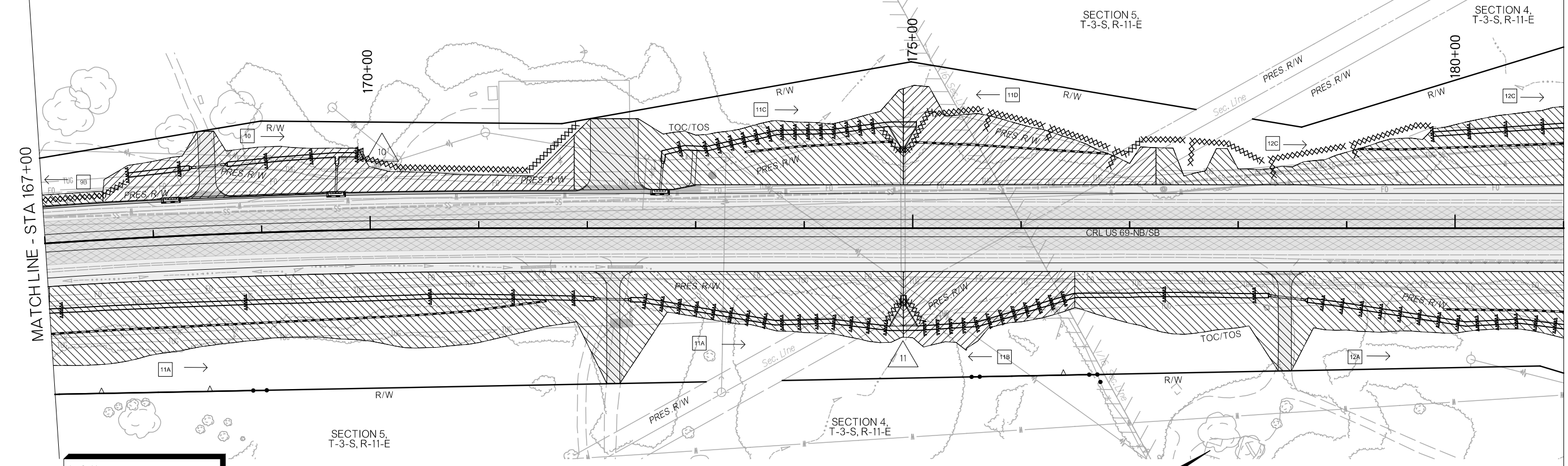
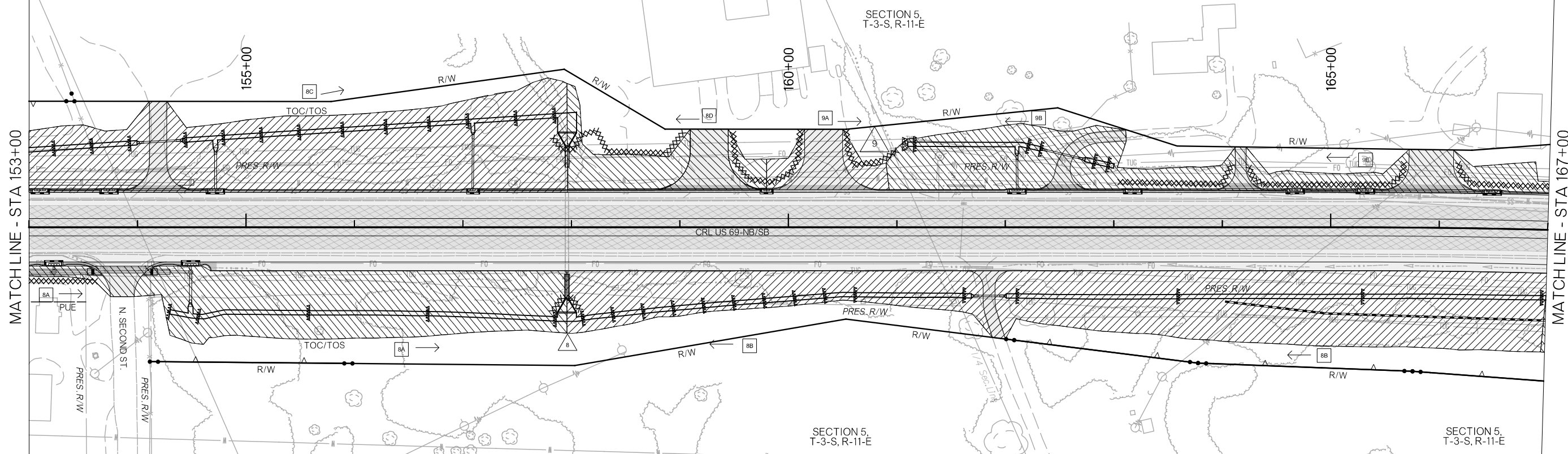
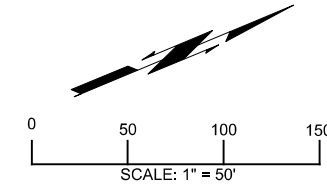
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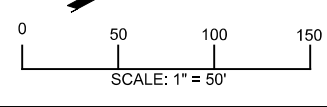
OKLAHOMA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL PLAN	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO.	30410(04)
SHEET NO.	R015

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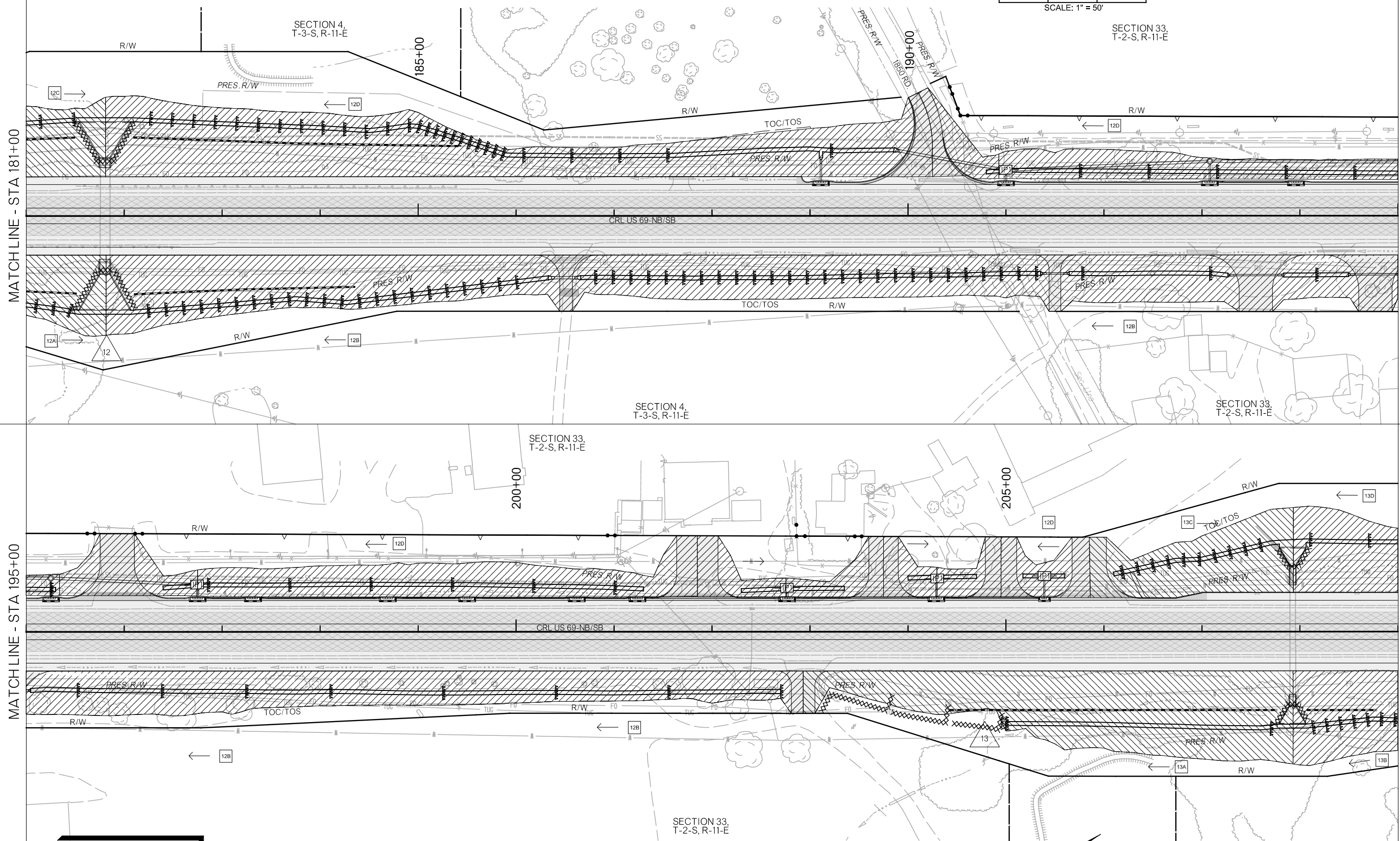
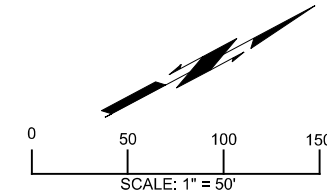
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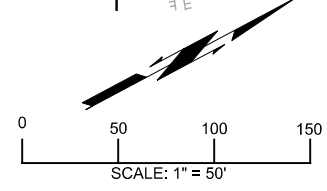


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COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R016

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OKLAHOMA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL PLAN	
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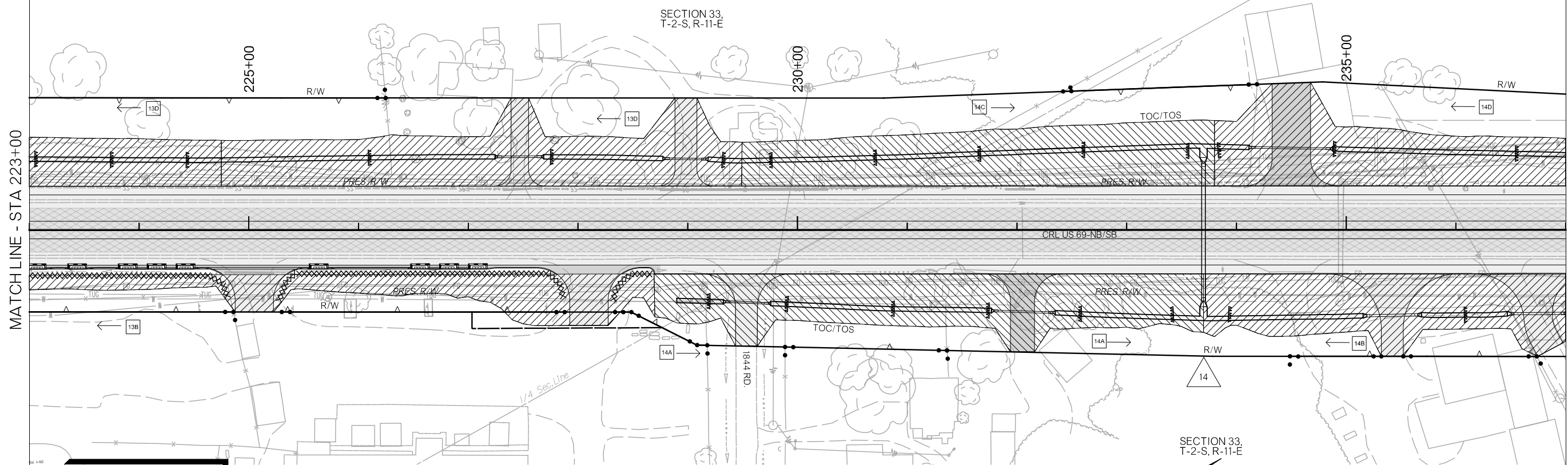
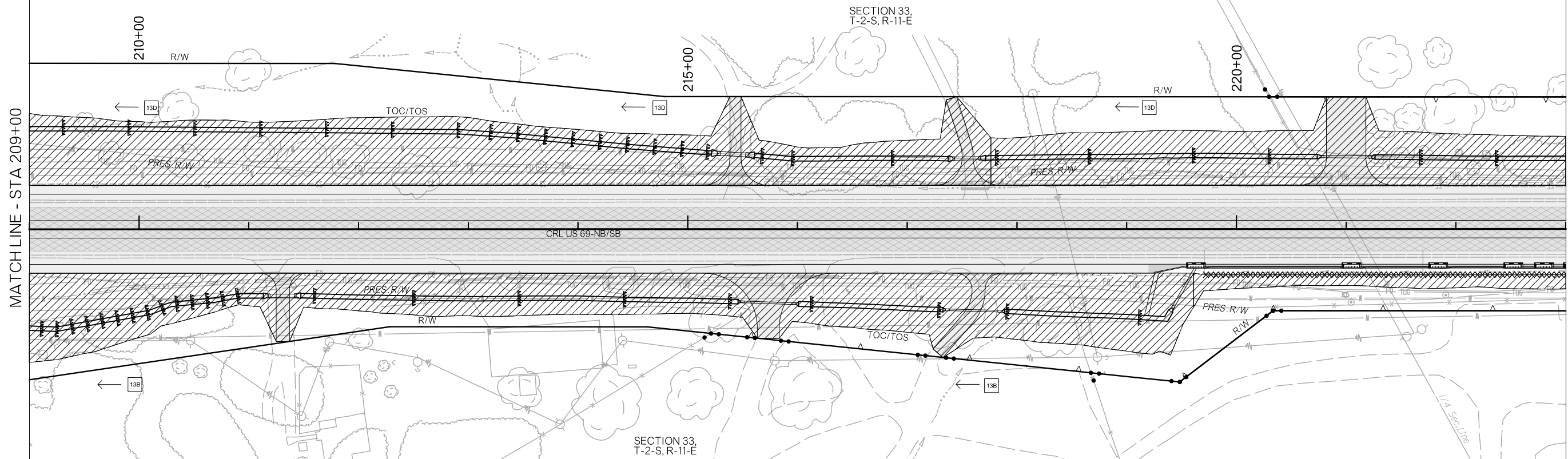
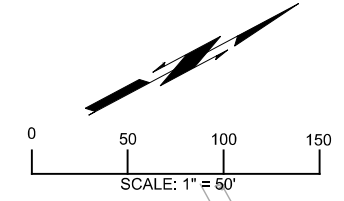
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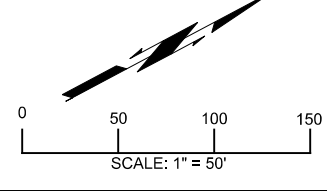
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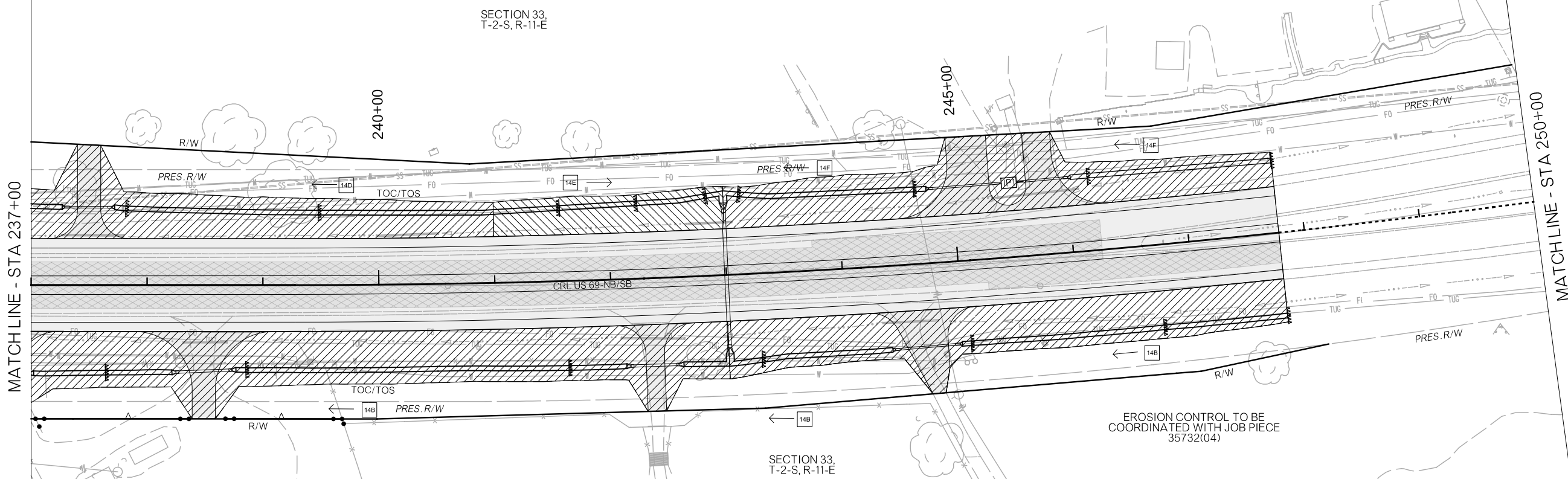
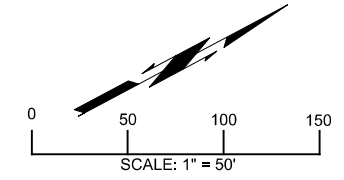


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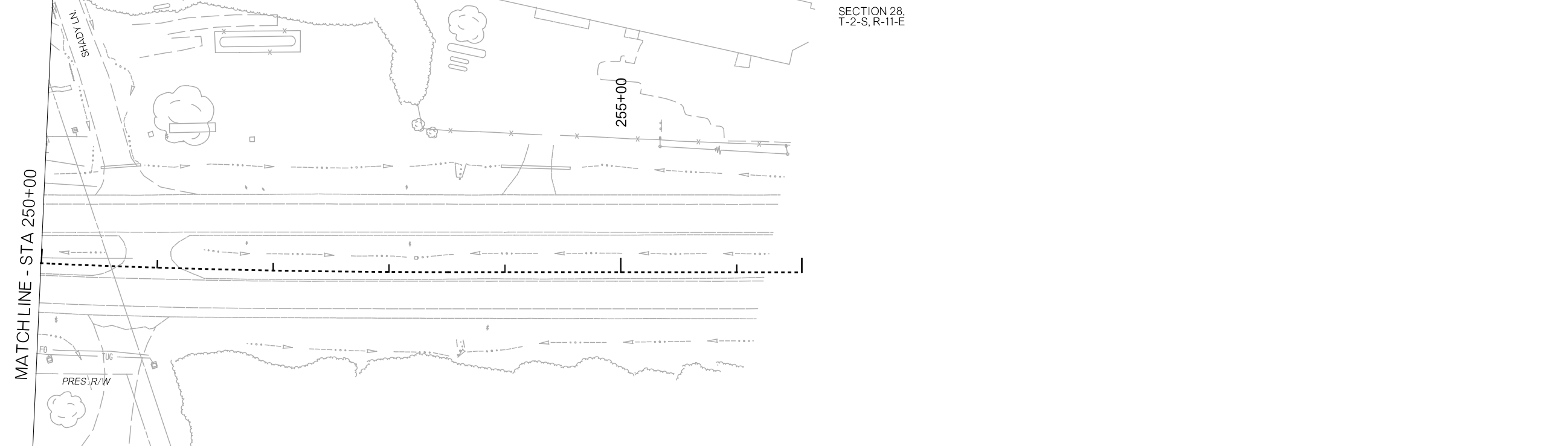
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**FINAL FIELD
 MEETING**
 26-JUN-2024



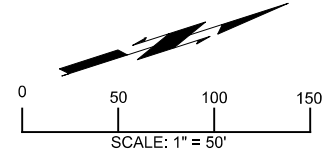
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SECTION 33, T-2-S, R-11-E

SECTION 28, T-2-S, R-11-E

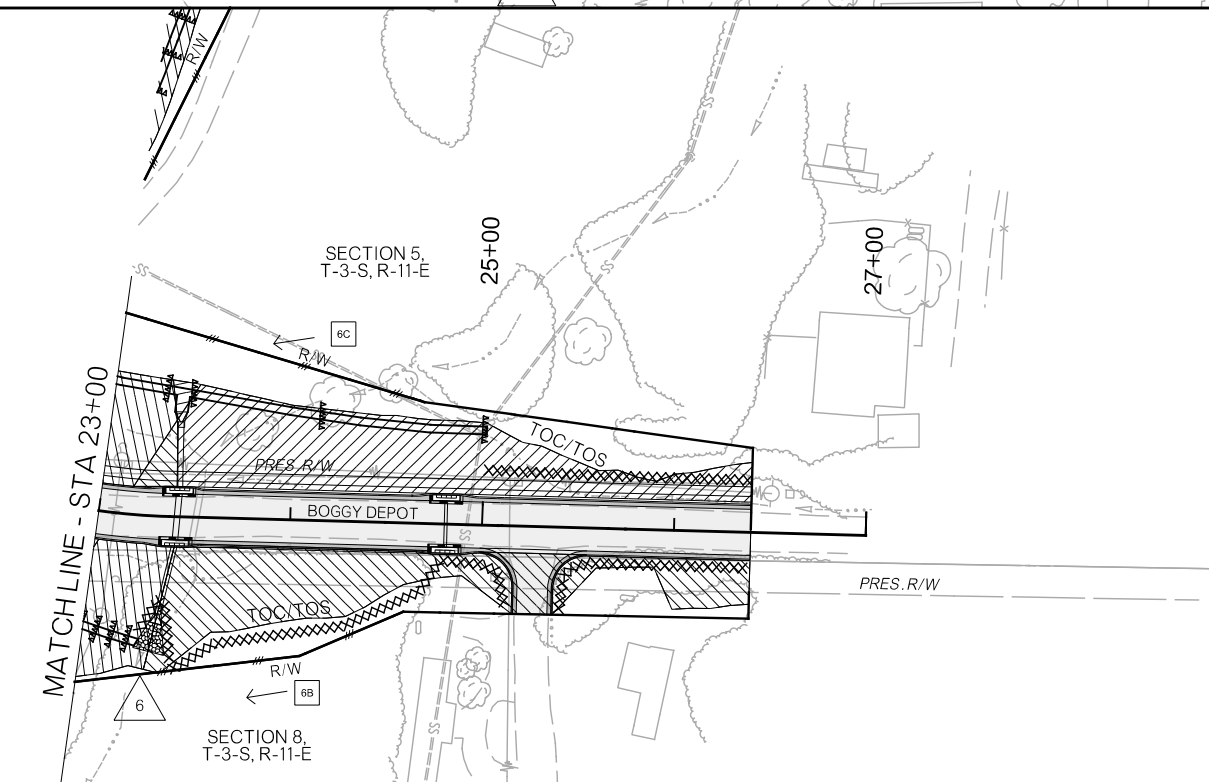
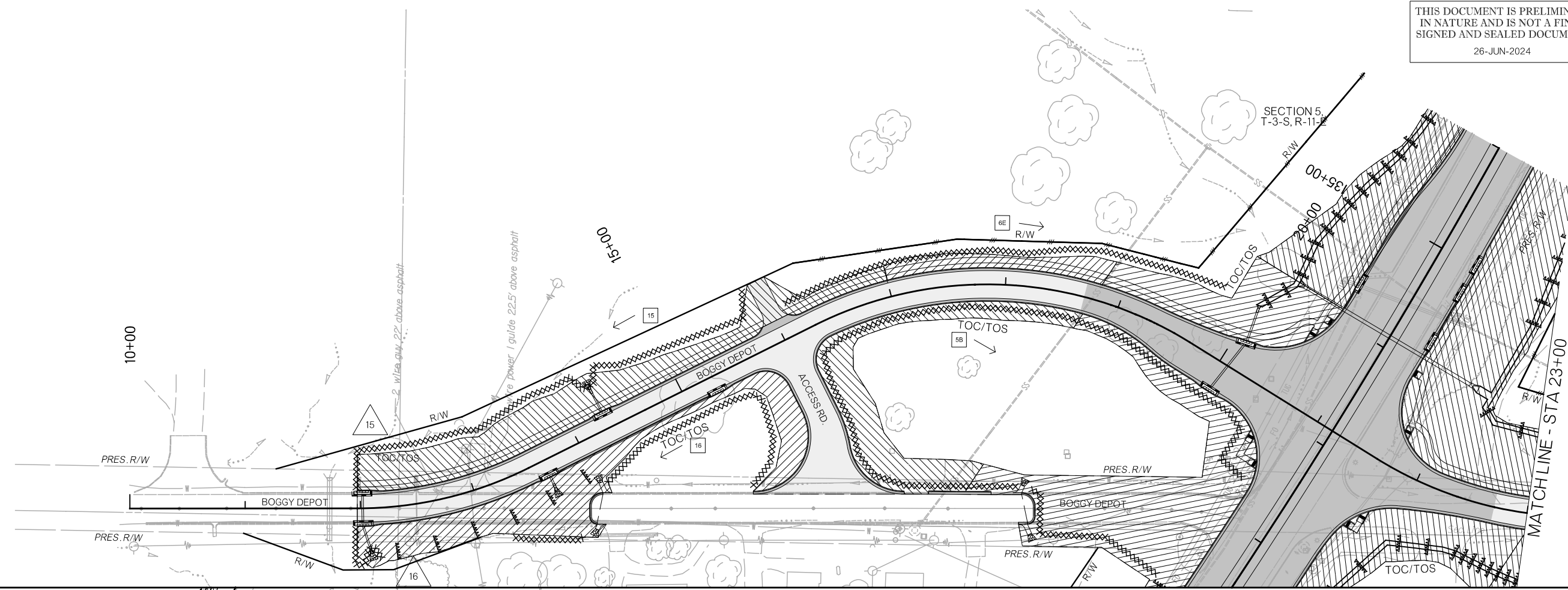
LEGEND	
	SILT DIKE
	SILT FENCE
	FIBER LOG
	FIBER LOG INLET PROTECTION
	DISTURBED AREA



DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY	ATOKA	HIGHWAY	US 69
STATE JOB NO	30410(04)	SHEET NO	R019

EROSION CONTROL PLAN

PLOT DATE: 26-JUN-2024 09:54 AM
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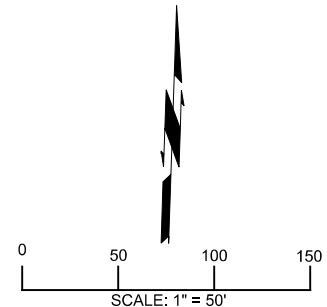


LEGEND

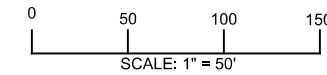
▲▲▲▲▲	SILT DIKE
XXXXX	SILT FENCE
┌┐	FIBER LOG
┌┐└└	FIBER LOG INLET PROTECTION
▨	DISTURBED AREA

DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN



PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\p\p\hntb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\3041004-ErosCont.dgn



SECTION 8,
T-3-S, R-11-E

Q SURVEY CURVE #1
 PI STA= 2370+15.48
 N= 361145.6229
 E= 2519970.0692
 Δ = 6°39'46.93" RT
 D= 0°20'00.00"
 T= 1000.58'
 L= 1998.91'
 R= 17188.73'
 E= 29.10'
 V= 65 MPH

US 69-SB, CURVE #1
 PI STA= 102+54.86
 N= 360511.0142
 E= 2519591.9757
 Δ = 7°27'20.82" RT
 D= 1°24'34.16"
 T= 264.86'
 L= 528.97'
 R= 4065.00'
 E= 8.62'
 V= 65 MPH

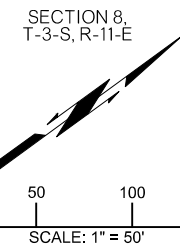
US 69-NB, CURVE #1
 PI STA= 103+54.25
 N= 360555.2835
 E= 2519698.7433
 Δ = 4°21'46.44" RT
 D= 0°36'57.90"
 T= 354.25'
 L= 708.17'
 R= 9300.00'
 E= 6.74'
 V= 65 MPH

Q SURVEY CURVE #1
 PI STA= 2370+15.48
 N= 361145.6229
 E= 2519970.0692
 Δ = 6°39'46.93" RT
 D= 0°20'00.00"
 T= 1000.58'
 L= 1998.91'
 R= 17188.73'
 E= 29.10'
 V= 65 MPH

US 69-NB, CURVE #2
 PI STA= 117+11.69
 N= 361651.7541
 E= 2520499.5699
 Δ = 4°36'10.98" LT
 D= 1°25'18.23"
 T= 161.97'
 L= 323.76'
 R= 4030.00'
 E= 3.25'
 V= 55 MPH

US 69-SB, CURVE #2
 PI STA= 116+89.12
 N= 361634.0948
 E= 2520485.2510
 Δ = 5°45'58.73" LT
 D= 2°51'53.24"
 T= 100.73'
 L= 201.28'
 R= 2000.00'
 E= 2.53'
 V= 55 MPH

US 69-SB, CURVE #3
 PI STA= 118+31.58
 N= 361754.0797
 E= 2520562.3737
 Δ = 1°11'29.66" LT
 D= 1°25'18.23"
 T= 41.91'
 L= 83.81'
 R= 4030.00'
 E= 0.22'
 V= 45 MPH



SECTION 8,
T-3-S, R-11-E

MATCHLINE - STA 111+00

MATCHLINE - STA 125+00

PLOT DATE: 26-JUN-2024
 FILENAME: p:\pw-int\hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-Geometric Layout.dgn

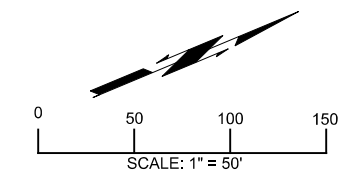
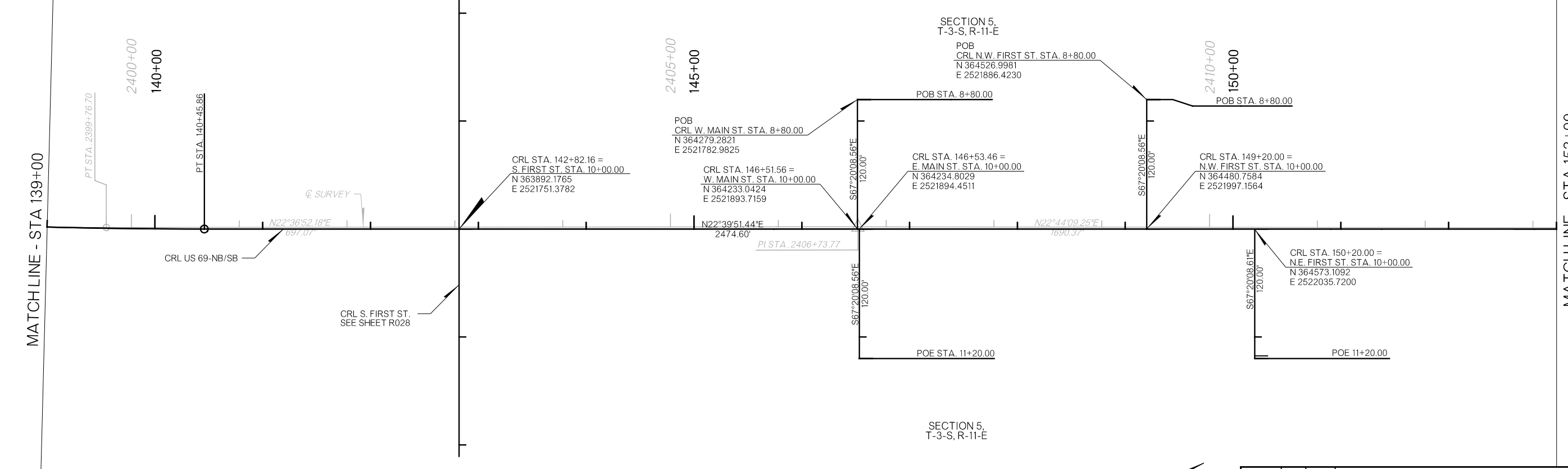
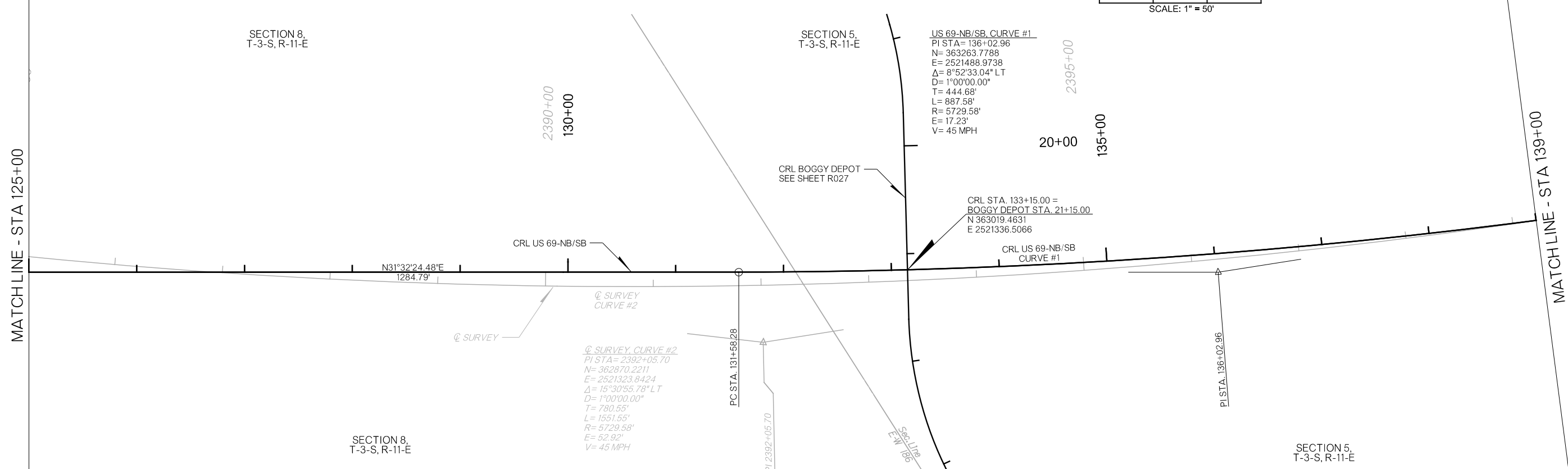
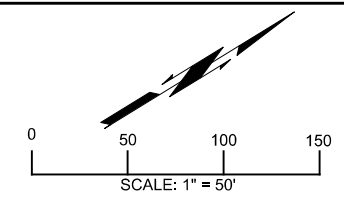
DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
GEOMETRIC LAYOUT	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R021

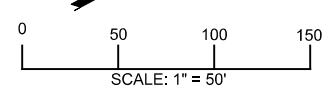
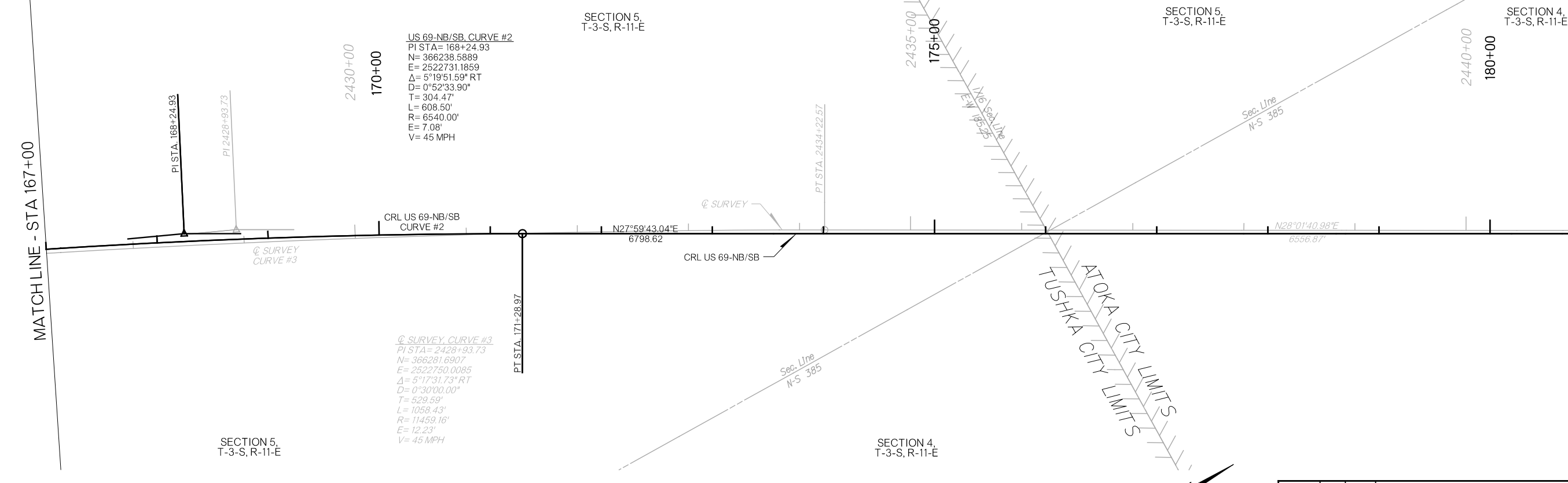
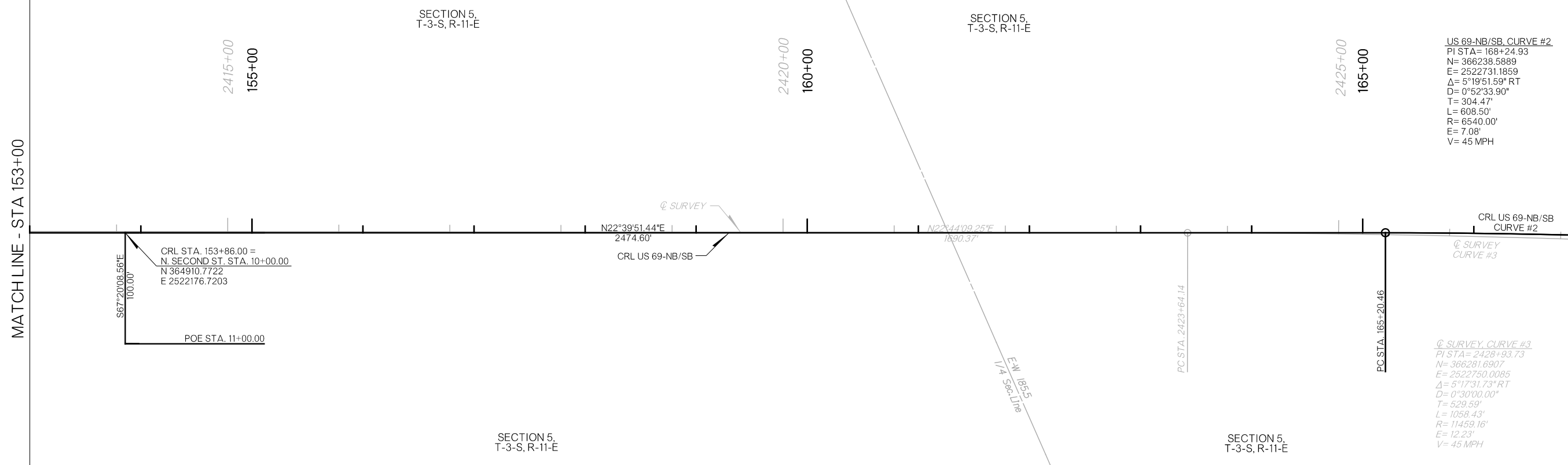
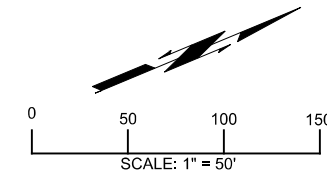
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 FILENAME: p:\pw-int\hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn

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 26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024



DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO <u>30410(04)</u> SHEET NO <u>R022</u>			GEOMETRIC LAYOUT



DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO <u>30410(04)</u> SHEET NO <u>R023</u>			GEOMETRIC LAYOUT

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn

PLOT DATE: 26-JUN-2024
 FILENAME: p:\pw-int\hntb.org\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn

09:54 AM

MATCHLINE - STA 181+00

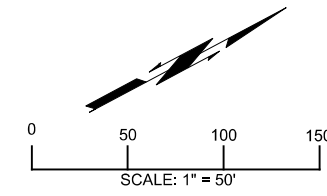
MATCHLINE - STA 195+00

MATCHLINE - STA 195+00

MATCHLINE - STA 209+00

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 26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024



SECTION 4,
T-3-S, R-11-E

POB
 CRL 1850 RD, STA. 8+50.00
 N 368228.3170
 E 2523624.4826

SECTION 33,
T-2-S, R-11-E

1850 RD, CURVE #1
 PI STA= 9+04.40
 N= 368226.9198
 E= 2523678.8599
 Δ = 26°31'24.33" RT
 D= 52°05'13.46"
 T= 25.93'
 L= 50.92'
 R= 110.00'
 E= 3.01'
 V= 35 MPH

S88°31'41.30"E
 28.47'
 PC
 STA. 8+78.47

PI 9+04.40
 PT
 STA. 9+29.39

CRL STA. 190+25.00 =
 1850 RD, STA. 10+00.00
 N 368181.6053
 E 2523764.1011

Q SURVEY
 CRL US 69-NB/SB

N28°01'40.98"E
 6556.87'

N27°59'43.04"E
 6798.62'

S62°00'16.96"E
 70.61'

SECTION 4,
T-3-S, R-11-E

SECTION 33,
T-2-S, R-11-E

SECTION 33,
T-2-S, R-11-E

2460+00
 200+00

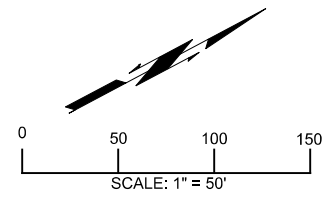
2465+00
 205+00

N27°59'43.04"E
 6798.62'

N28°01'40.98"E
 6556.87'

Q SURVEY
 CRL US 69-NB/SB

SECTION 33,
T-2-S, R-11-E



DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
GEOMETRIC LAYOUT
 COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R024

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn

MATCHLINE - STA 209+00

MATCHLINE - STA 223+00

MATCHLINE - STA 223+00

MATCHLINE - STA 237+00

2470+00
210+00

SECTION 33,
T-2-S, R-11-E

2475+00
215+00

SECTION 33,
T-2-S, R-11-E

@ SURVEY

N28°01'40.98"E
6556.87
CRL US 69-NB/SB

SECTION 33,
T-2-S, R-11-E

2485+00
225+00

SECTION 33,
T-2-S, R-11-E

2490+00
230+00

2495+00
235+00

@ SURVEY

N28°01'40.98"E
6556.87
CRL US 69-NB/SB

N27°59'43.04"E
6798.62

CRL STA. 229+53.50 =
1844 RD. STA. 10+00.00
N 371650.4165
E 2525608.1349

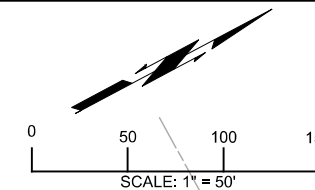
S62°00'16.96"E
130.00'

POE STA. 11+50.00

SECTION 33,
T-2-S, R-11-E

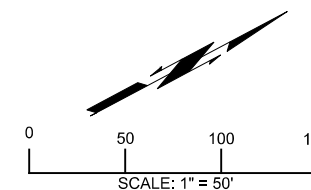
1/4 Sec. Line
N-S 385.5

1/4 Sec. Line
E-W 184.5



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 26-JUN-2024

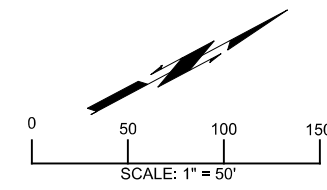
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024



DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
GEOMETRIC LAYOUT

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn



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 26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

MATCHLINE - STA 237+00

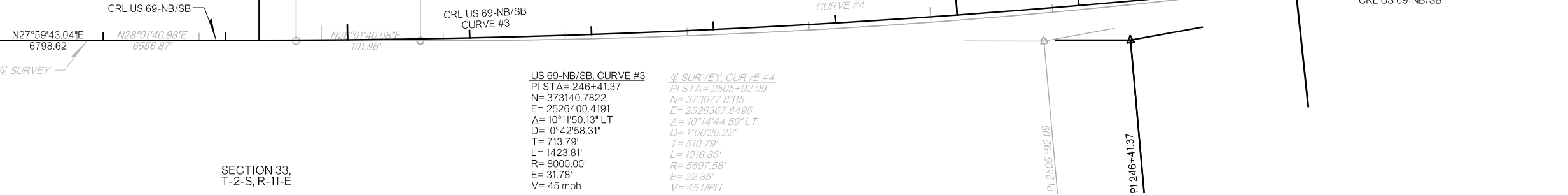
MATCHLINE - STA 250+00

SECTION 33,
T-2-S, R-11-E

SECTION 33,
T-2-S, R-11-E

SECTION 28,
T-2-S, R-11-E

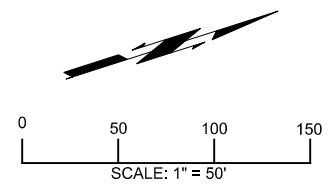
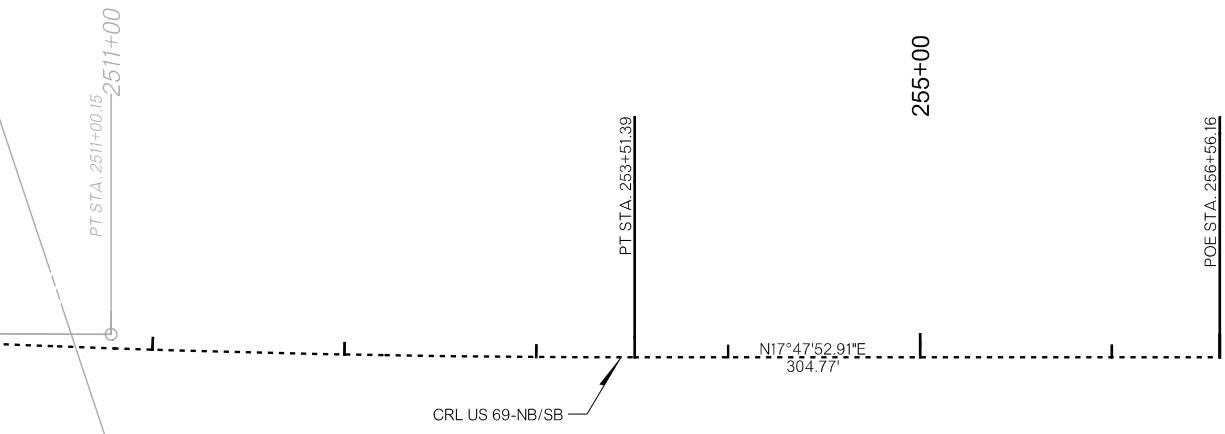
SECTION 28,
T-2-S, R-11-E



US 69-NB/SB, CURVE #3
 PI STA= 246+41.37
 N= 373140.7822
 E= 2526400.4191
 Δ = 10°11'50.13" LT
 D= 0°42'58.31"
 T= 713.79'
 L= 1423.81'
 R= 8000.00'
 E= 31.78'
 V= 45 mph

Q SURVEY, CURVE #4
 PI STA= 2505+92.09
 N= 373077.8315
 E= 2526367.8495
 Δ = 10°14'44.59" LT
 D= 1°00'20.22"
 T= 510.79'
 L= 1018.85'
 R= 5697.58'
 E= 22.85'
 V= 45 MPH

MATCHLINE - STA 250+00

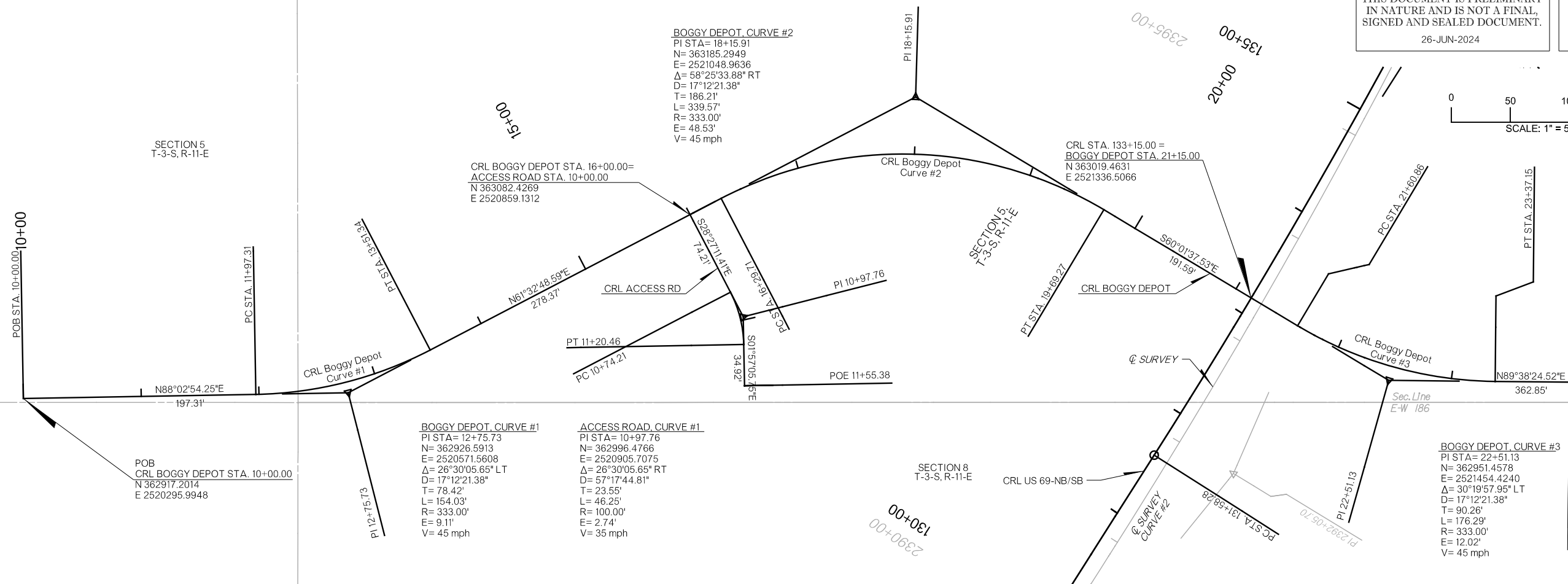
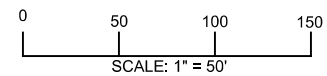


DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
GEOMETRIC LAYOUT
 COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R026

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26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024



POB STA. 10+00.00

POB
CRL BOGGY DEPOT STA. 10+00.00
N 362917.2014
E 2520295.9948

BOGGY DEPOT CURVE #1
PI STA= 12+75.73
N= 362926.5913
E= 2520571.5608
Δ= 26°30'05.65" LT
D= 17°12'21.38"
T= 78.42'
L= 154.03'
R= 333.00'
E= 9.11'
V= 45 mph

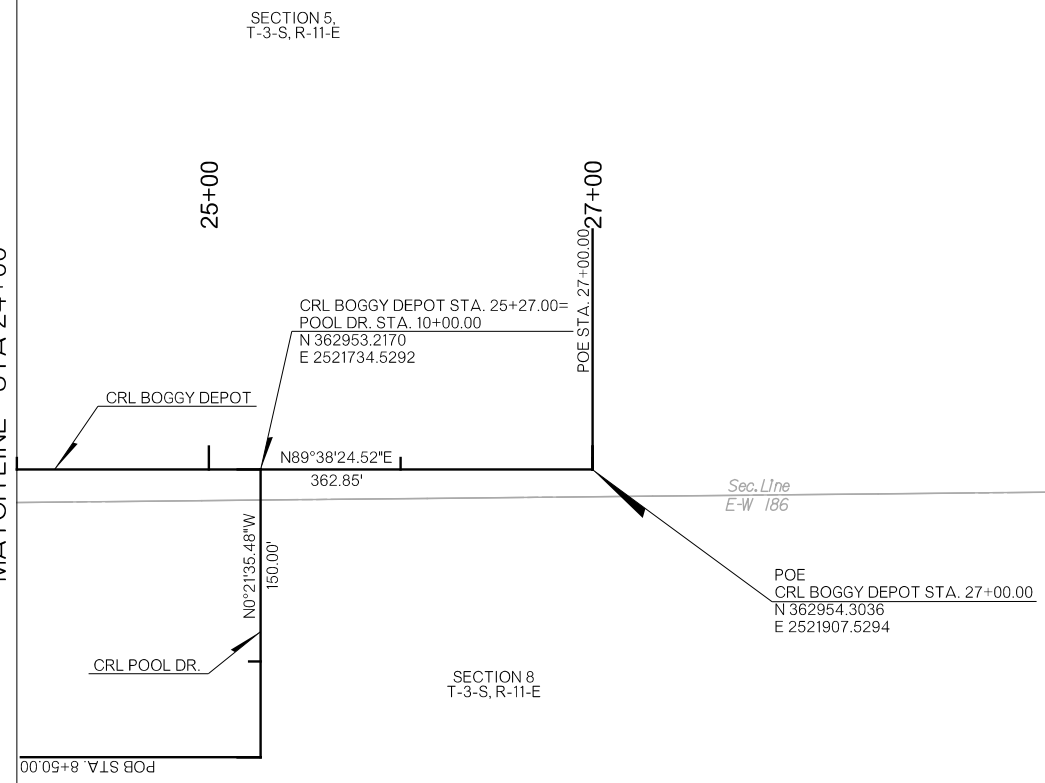
ACCESS ROAD CURVE #1
PI STA= 10+97.76
N= 362996.4766
E= 2520905.7075
Δ= 26°30'05.65" RT
D= 57°17'44.81"
T= 23.55'
L= 46.25'
R= 100.00'
E= 2.74'
V= 35 mph

BOGGY DEPOT CURVE #2
PI STA= 18+15.91
N= 363185.2949
E= 2521048.9636
Δ= 58°25'33.88" RT
D= 17°12'21.38"
T= 186.21'
L= 339.57'
R= 333.00'
E= 48.53'
V= 45 mph

CRL STA. 133+15.00 =
BOGGY DEPOT STA. 21+15.00
N 363019.4631
E 2521336.5066

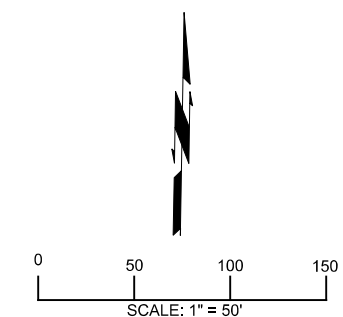
BOGGY DEPOT CURVE #3
PI STA= 22+51.13
N= 362951.4578
E= 2521454.4240
Δ= 30°19'57.95" LT
D= 17°12'21.38"
T= 90.26'
L= 176.29'
R= 333.00'
E= 12.02'
V= 45 mph

MATCHLINE - STA 24+00



CRL BOGGY DEPOT STA. 25+27.00=
POOL DR. STA. 10+00.00
N 362953.2170
E 2521734.5292

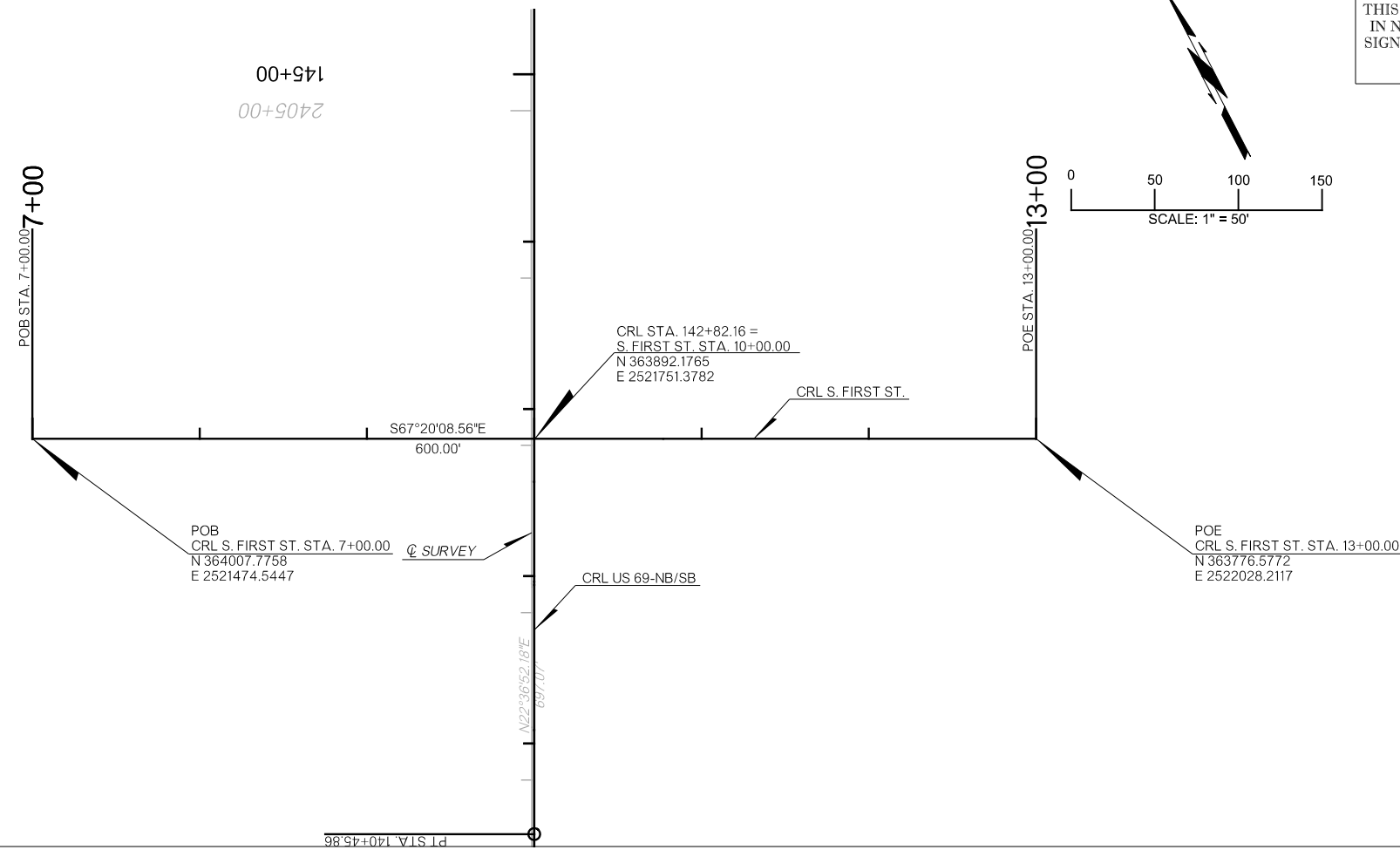
POE
CRL BOGGY DEPOT STA. 27+00.00
N 362954.3036
E 2521907.5294



DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
GEOMETRIC LAYOUT
COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R027

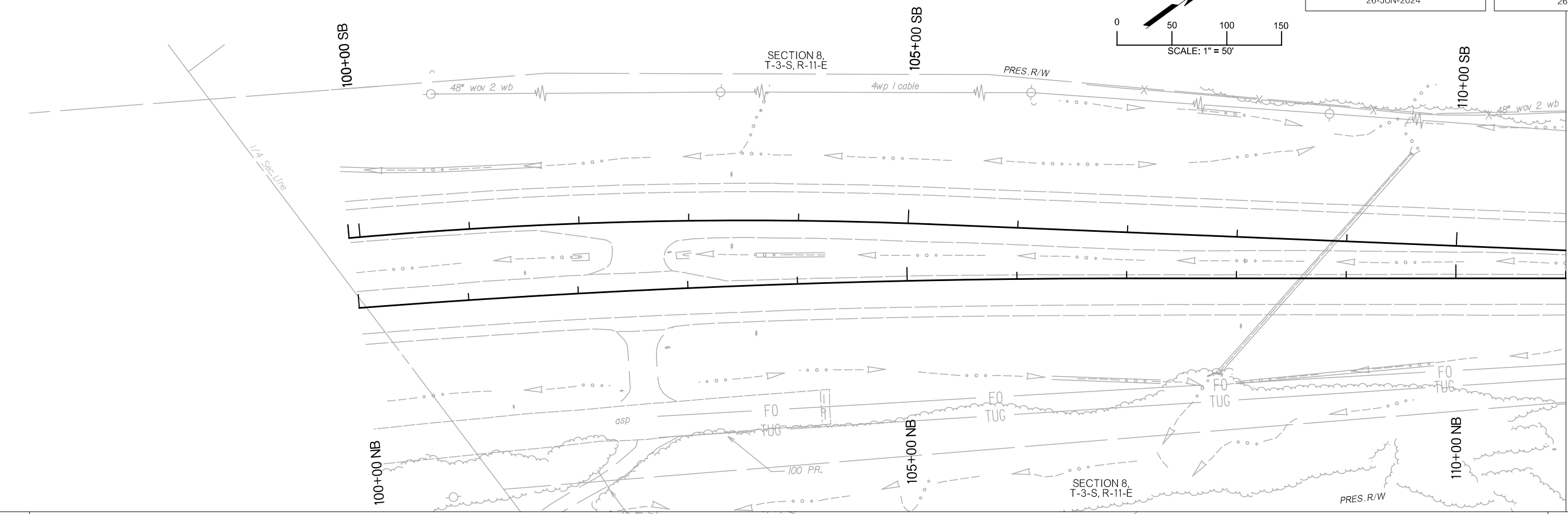
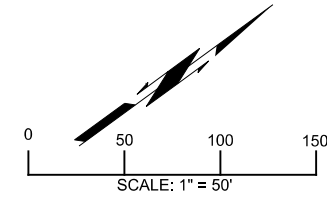
PLOT DATE: 26-JUN-2024 09:54 AM
FILENAME: p:\pw-intl\hntb.org\Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Geometric Layout.dgn



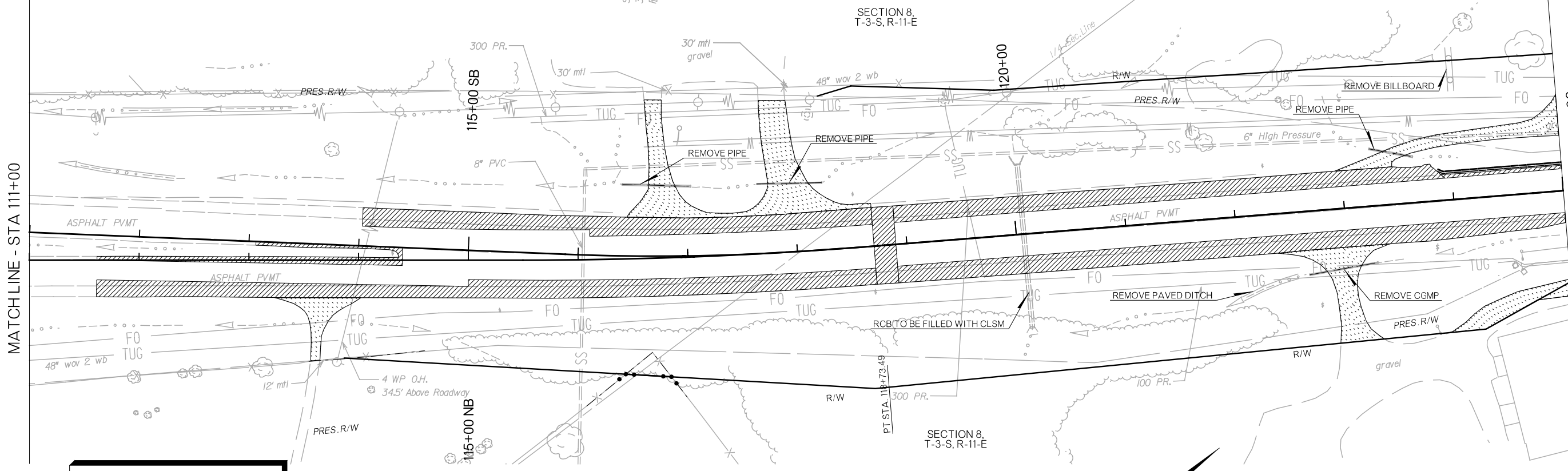
PLOT DATE: 26-JUN-2024 09:54 AM
FILENAME: p:\pw-int\hntb.org\pw\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-Geometric Layout.dgn

DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R028

GEOMETRIC LAYOUT



MATCHLINE - STA 111+00

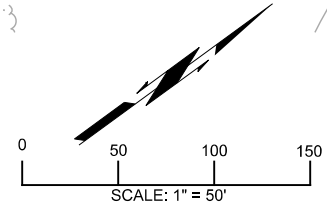


MATCHLINE - STA 111+00

MATCHLINE - STA 125+00

LEGEND

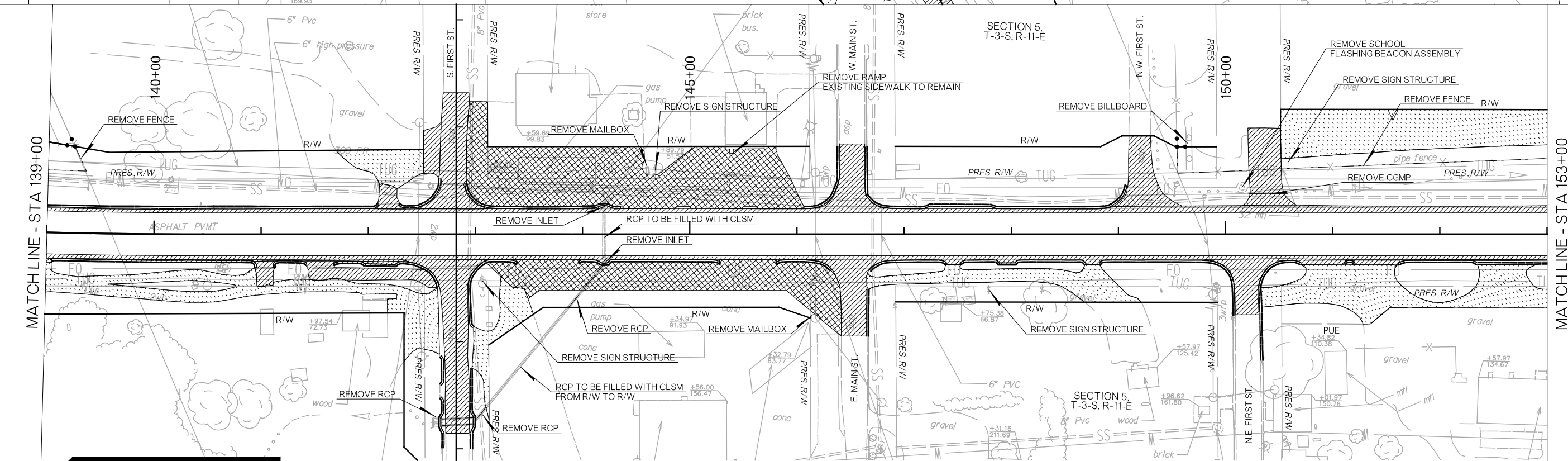
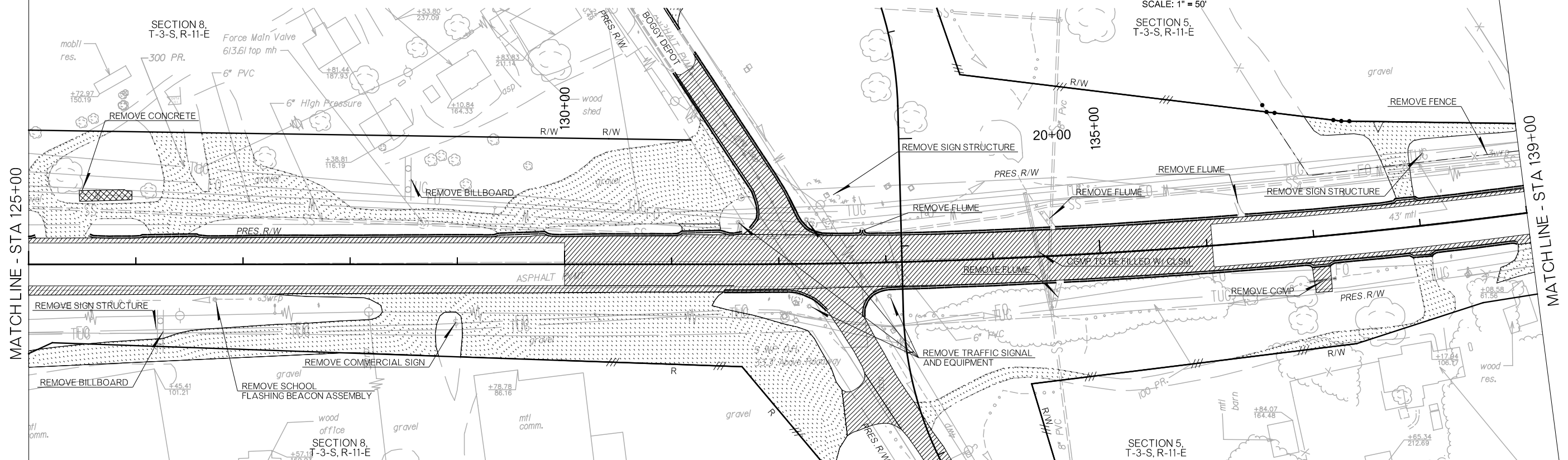
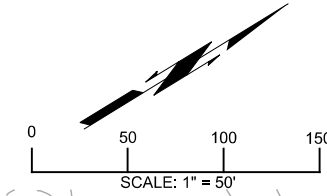
	ASPHALT PAVEMENT REMOVAL
	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

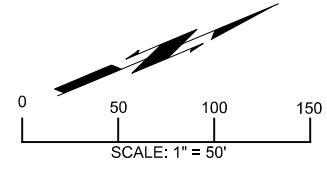
OKLAHOMA DEPARTMENT OF TRANSPORTATION	
REMOVAL SHEETS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	3041004
SHEET NO	R029

PLOT DATE: 26-JUN-2024 09:54 AM
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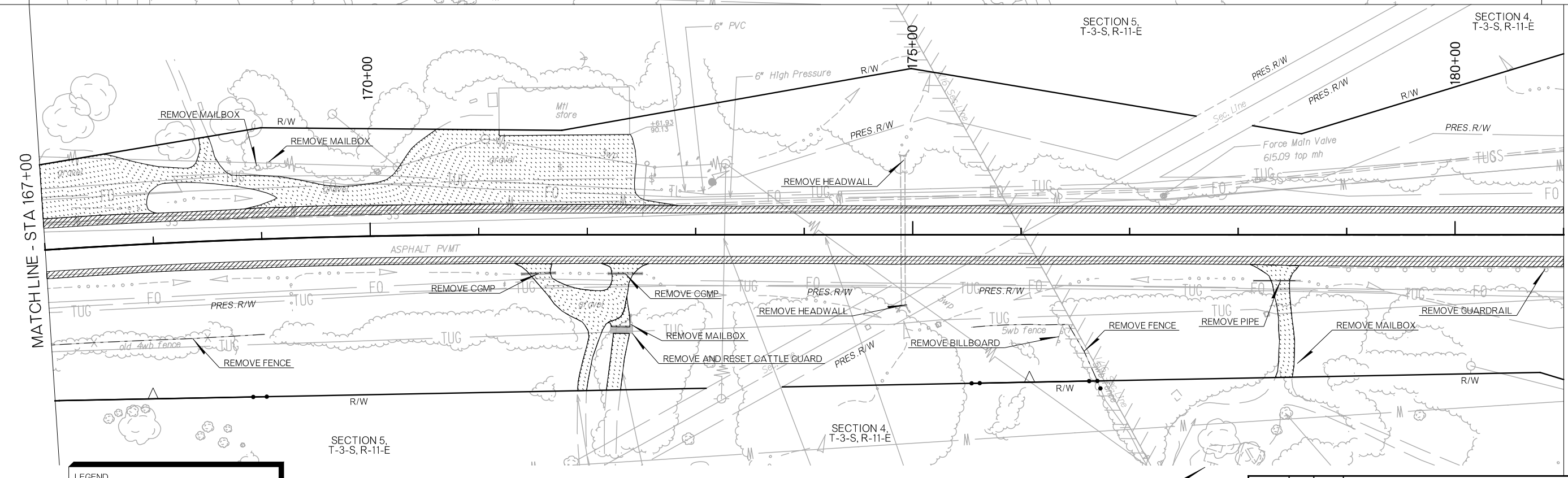
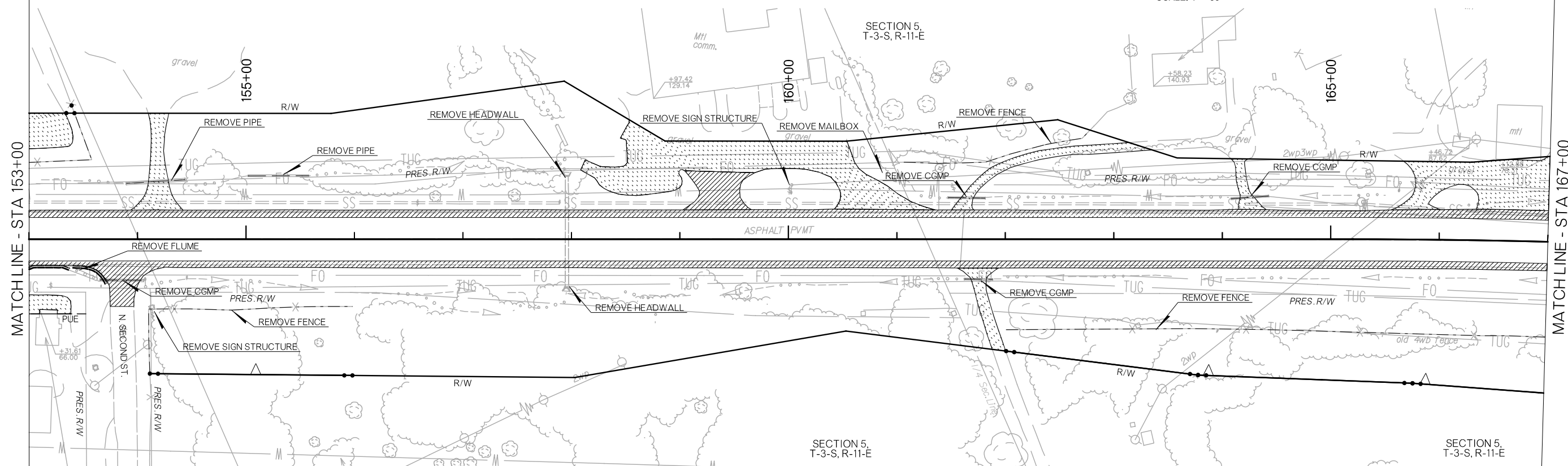
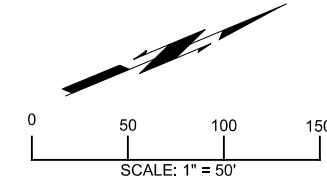
LEGEND

	ASPHALT PAVEMENT REMOVAL
	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



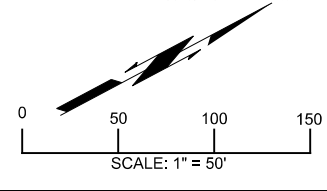
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CHECKED	MJG
APPROVED	
SQUAD	HNTB

PLOT DATE: 26-JUN-2024 09:54 AM
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LEGEND

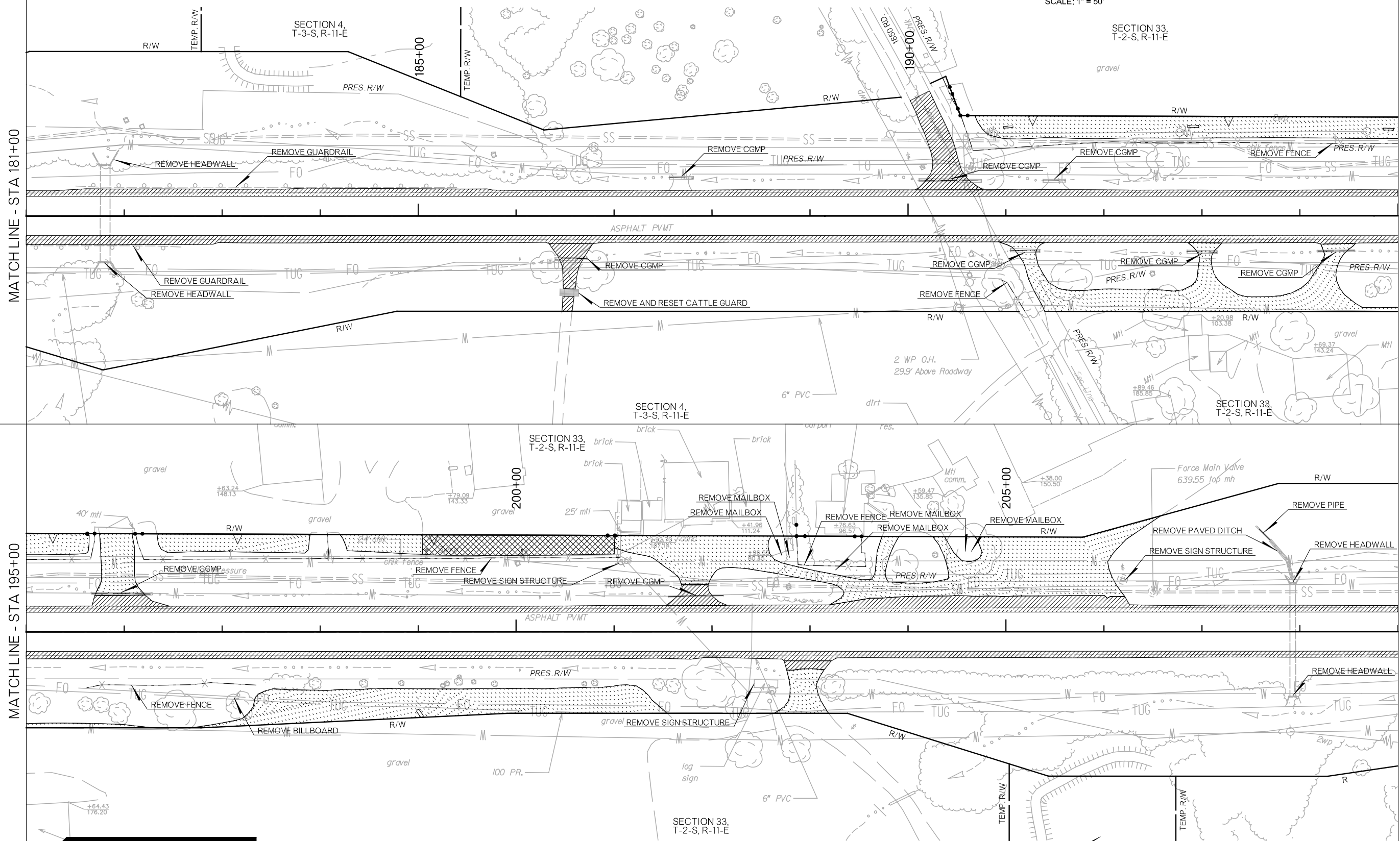
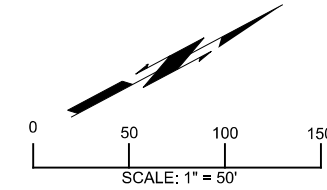
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	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
REMOVAL SHEETS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R_031

PLOT DATE: 26-JUN-2024
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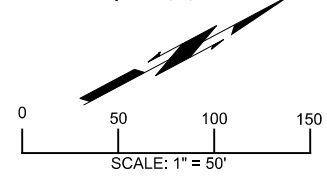
MATCHLINE - STA 181+00

MATCHLINE - STA 195+00

MATCHLINE - STA 195+00

MATCHLINE - STA 209+00

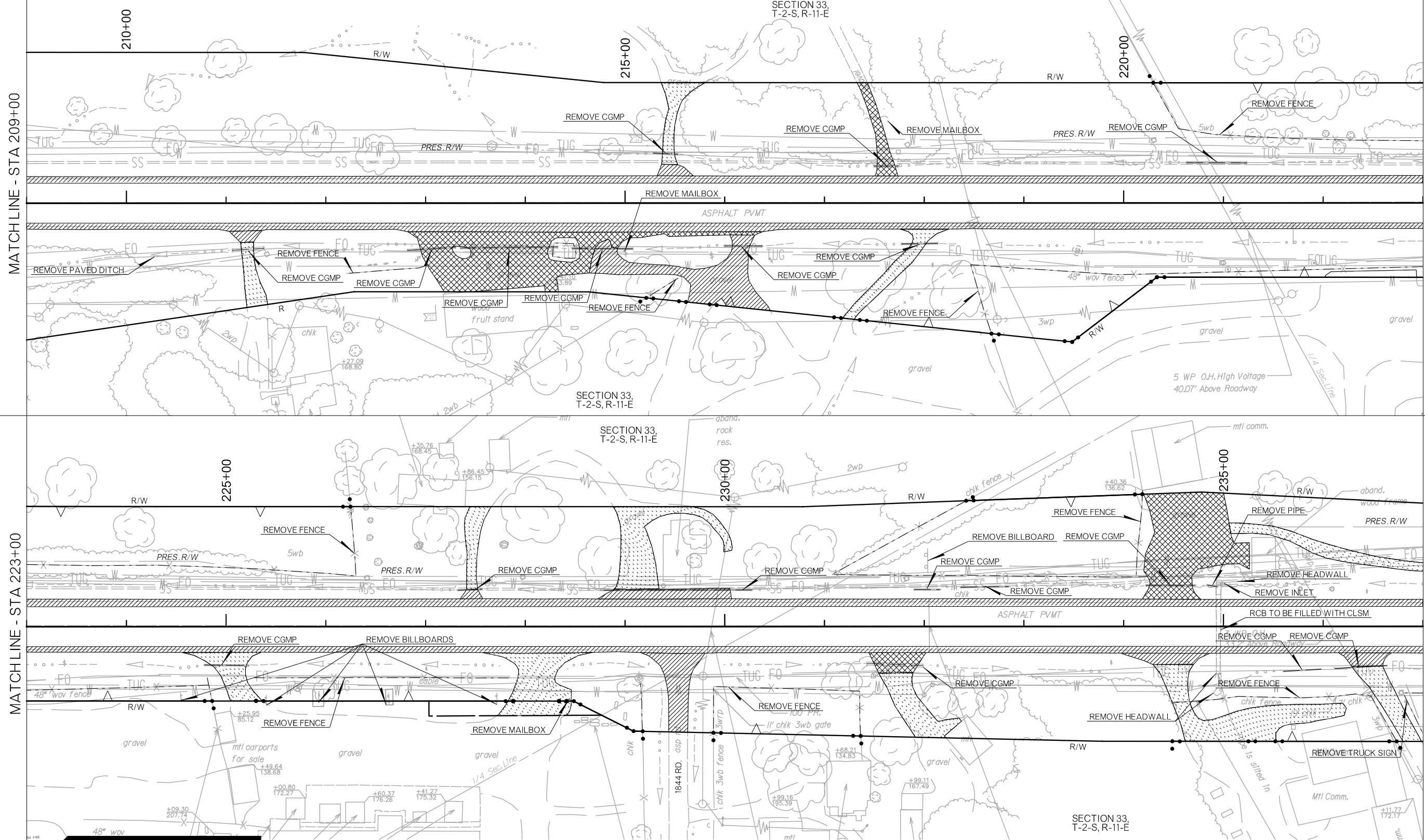
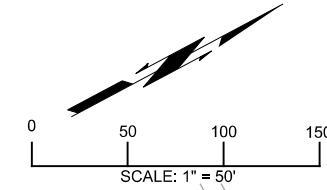
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	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
REMOVAL SHEETS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R032

PLOT DATE: 26-JUN-2024 09:54 AM
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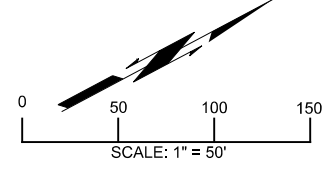
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MATCHLINE - STA 223+00

MATCHLINE - STA 237+00

LEGEND

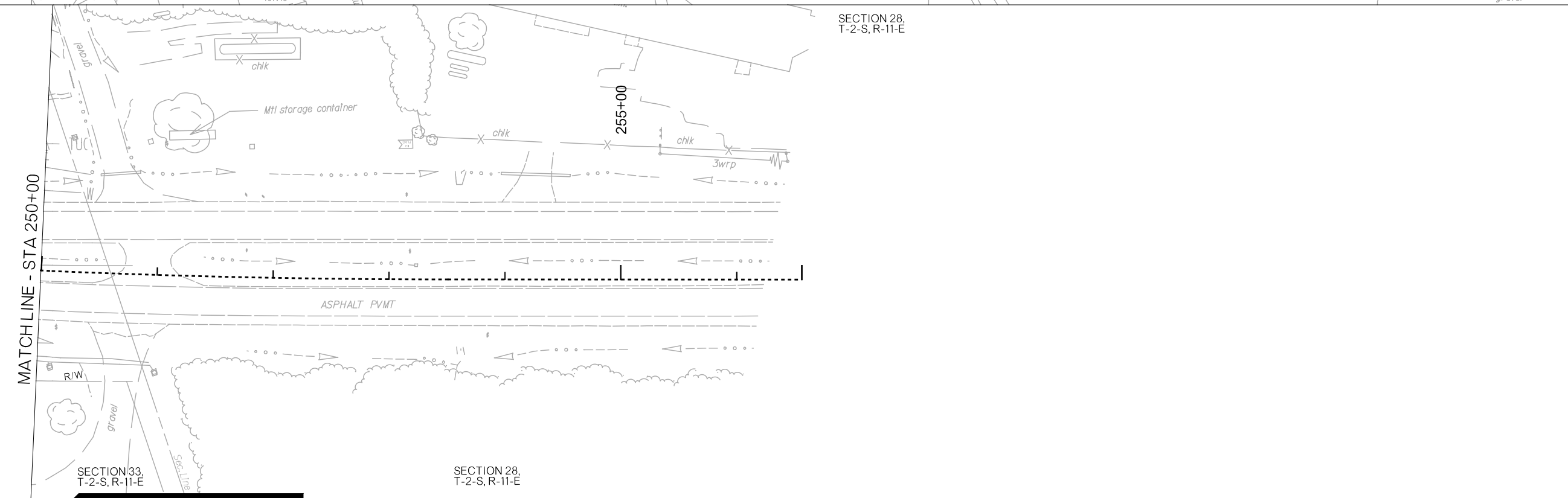
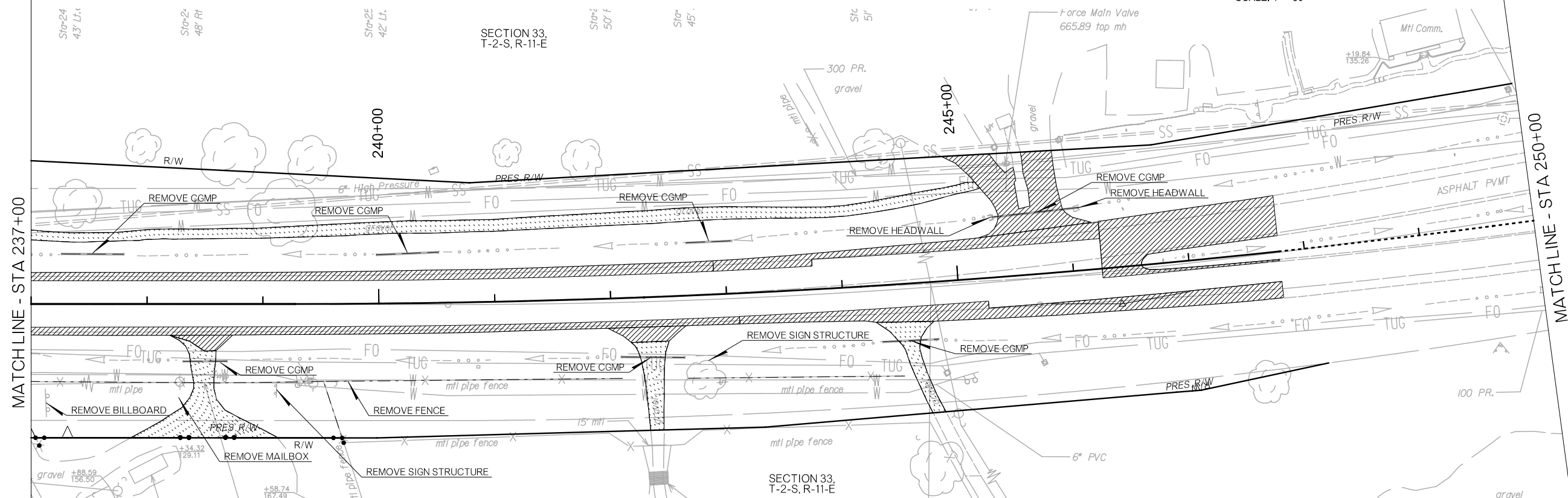
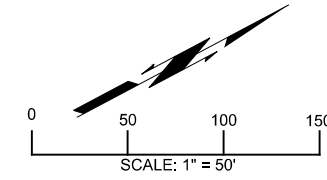
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	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

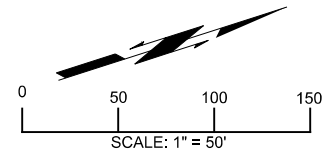
OKLAHOMA DEPARTMENT OF TRANSPORTATION	
REMOVAL SHEETS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R_033

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: pw://pw-int.hntb.org/PW/CentralDiv/Production/Roadway/30410(04)-Removal.dgn



LEGEND

	ASPHALT PAVEMENT REMOVAL
	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL



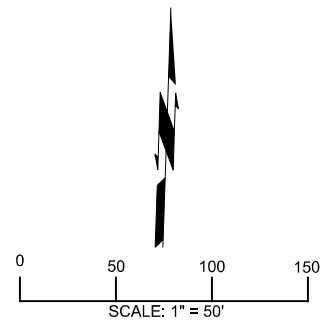
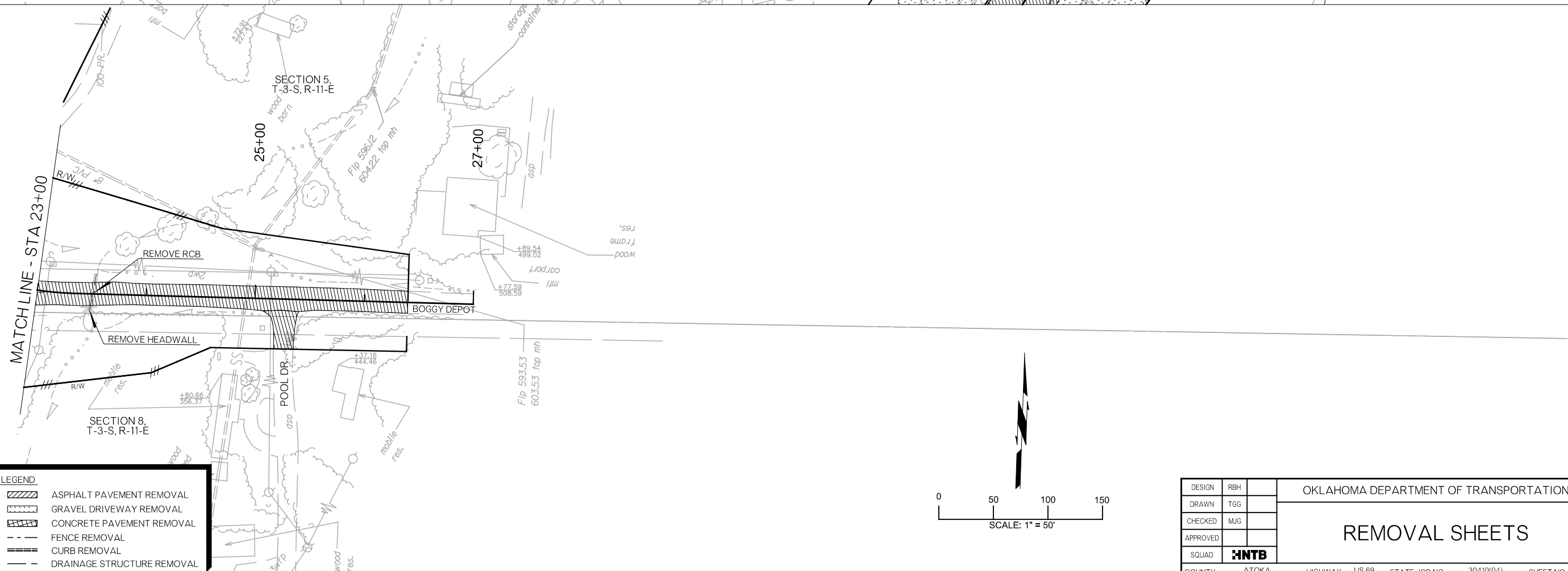
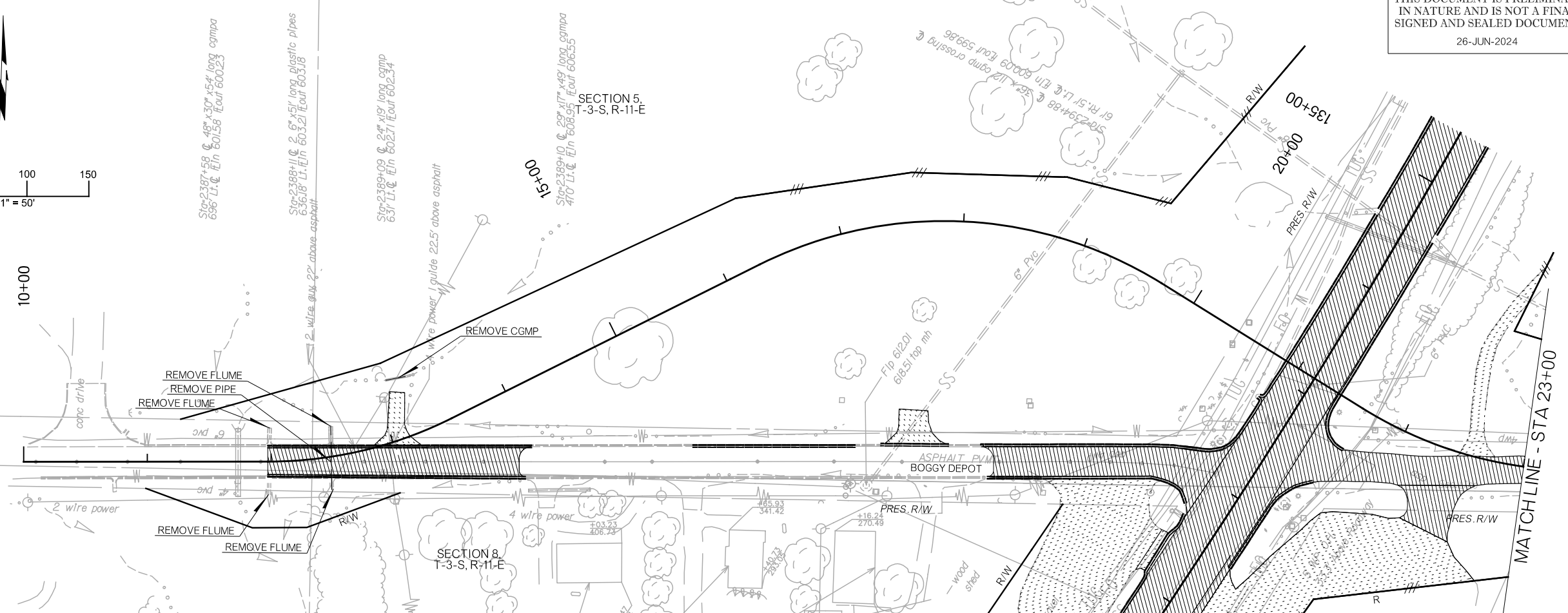
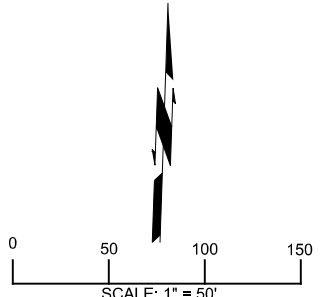
DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
REMOVAL SHEETS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R034

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\Production\Roadway\30410(04)-Removal.dgn

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26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024



LEGEND

	ASPHALT PAVEMENT REMOVAL
	GRAVEL DRIVEWAY REMOVAL
	CONCRETE PAVEMENT REMOVAL
	FENCE REMOVAL
	CURB REMOVAL
	DRAINAGE STRUCTURE REMOVAL

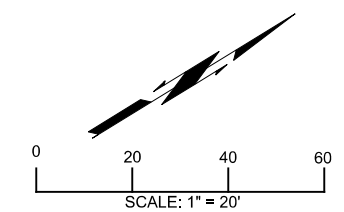
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DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

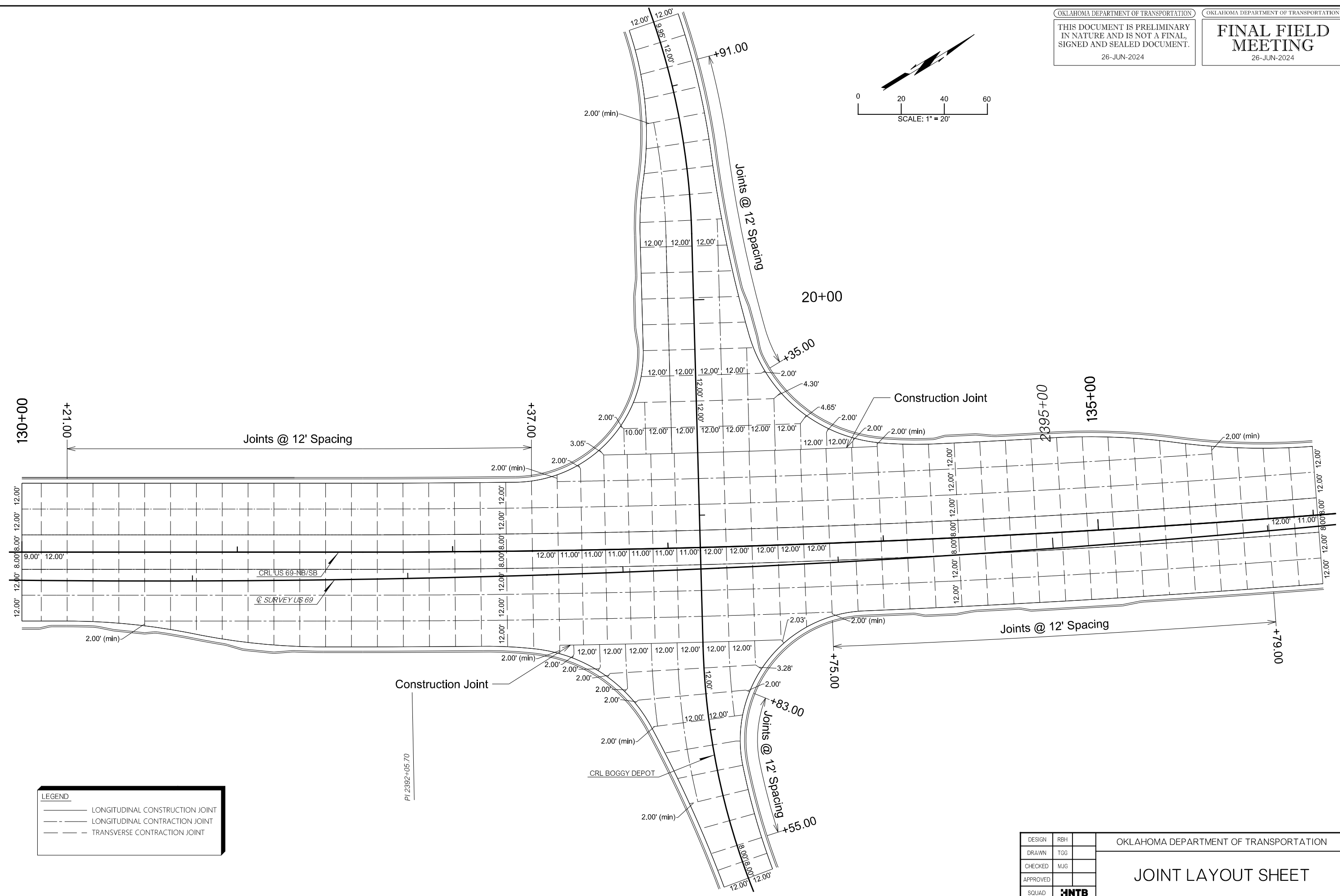
REMOVAL SHEETS

COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R035

PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: pw://pwr-int.hntb.org/PWCentralDiv/Docs/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Removal.dgn



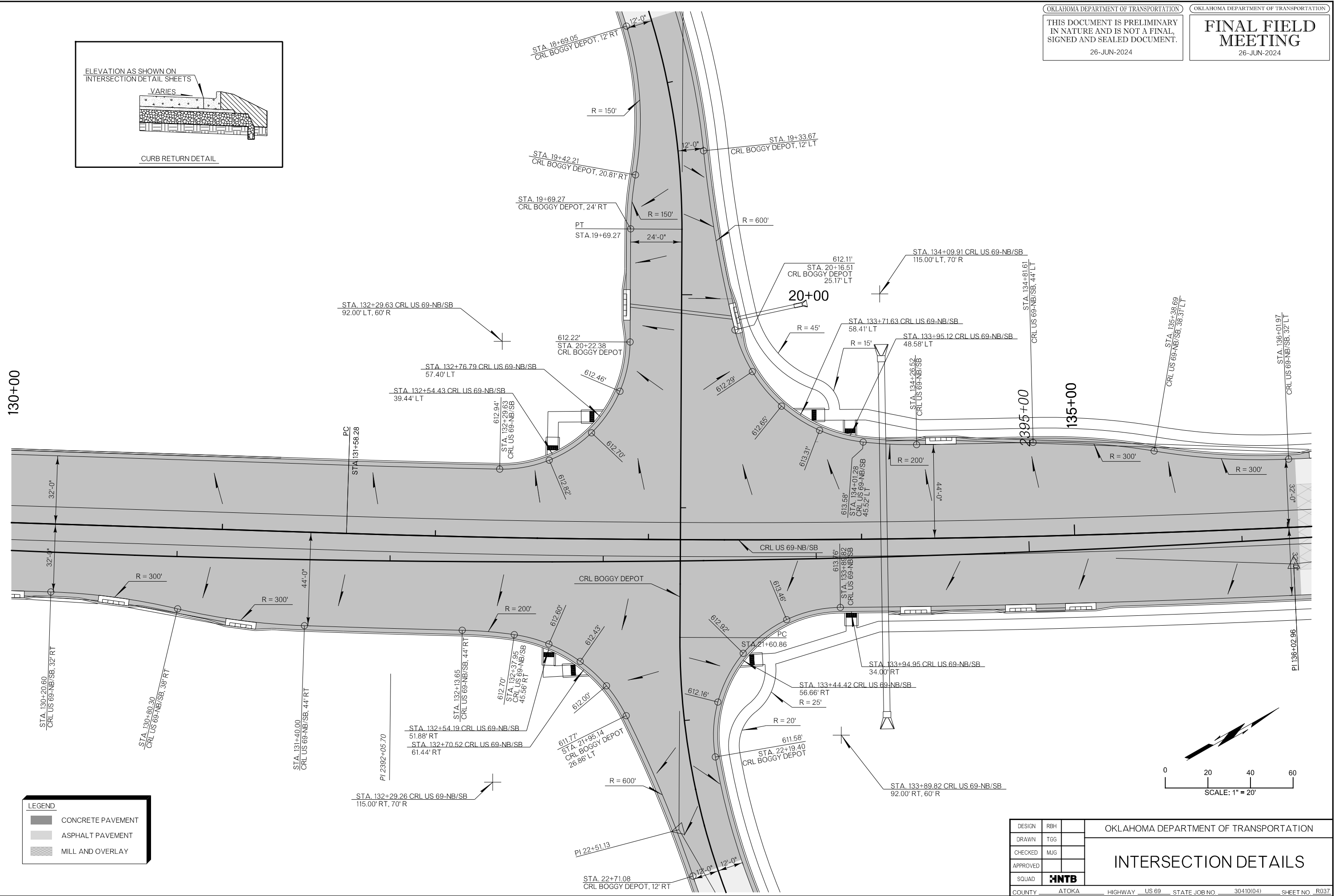
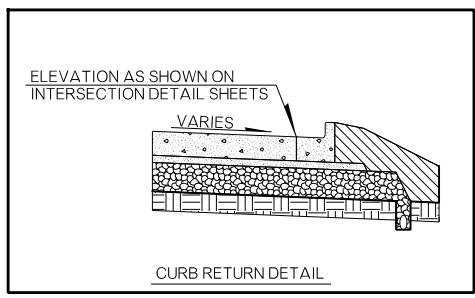
PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-JointLay.dgn



LEGEND	
	LONGITUDINAL CONSTRUCTION JOINT
	LONGITUDINAL CONTRACTION JOINT
	TRANSVERSE CONTRACTION JOINT

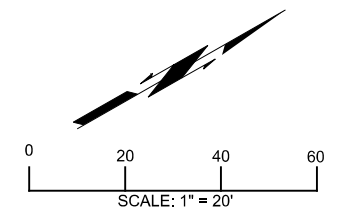
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DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY			ATOKA
HIGHWAY			US 69
STATE JOB NO.			30410(04)
SHEET NO.			R036

JOINT LAYOUT SHEET



LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



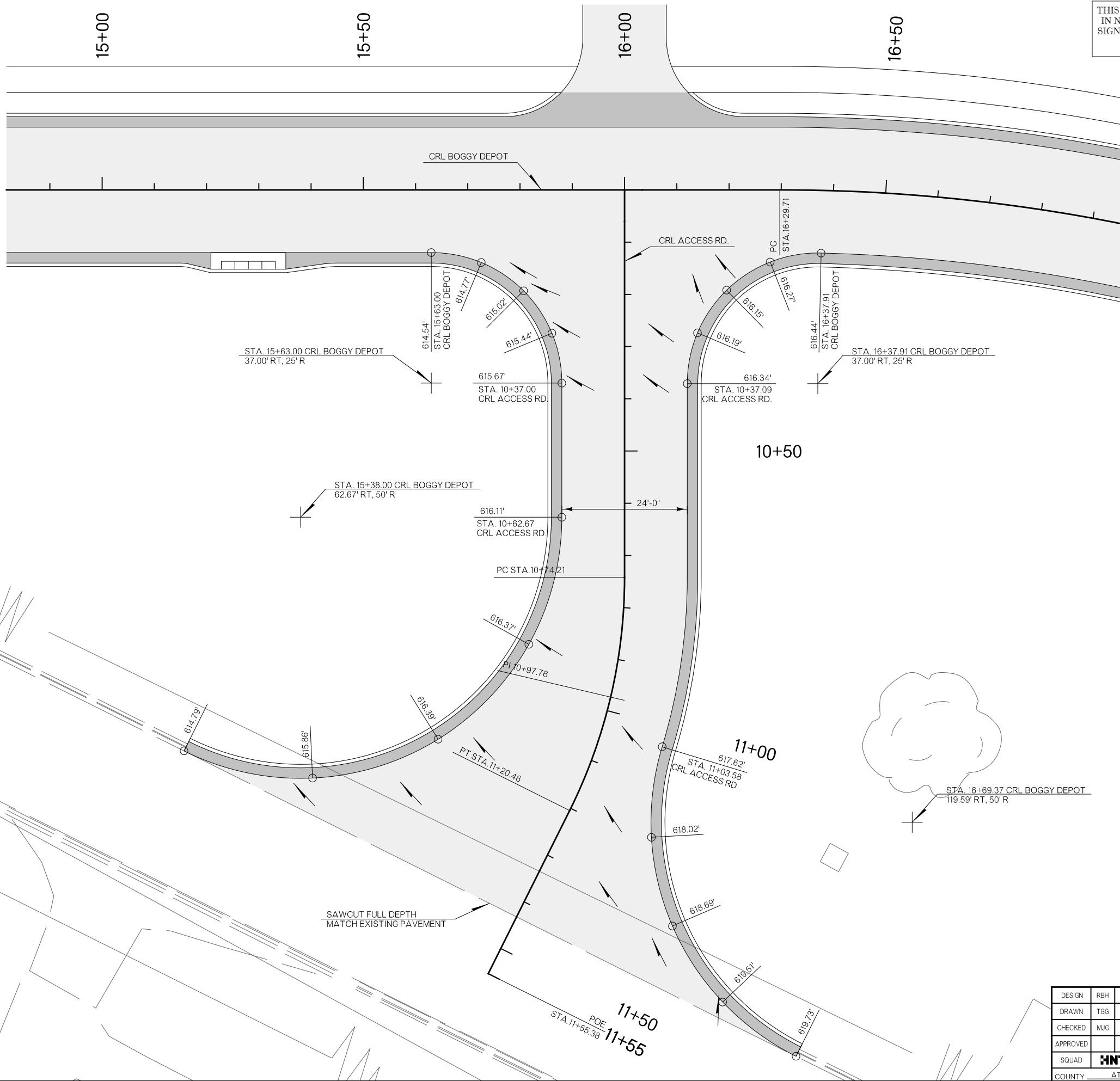
PLOT DATE: 26-JUN-2024 09:54 AM
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DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

COUNTY: ATOKA HIGHWAY: US 69 STATE JOB NO: 30410(04) SHEET NO: R037



PLOT DATE: 26-JUN-2024
 FILENAME: p:\j\pw-intl.hntb.org\p\w\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-InterDet.dgn

LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



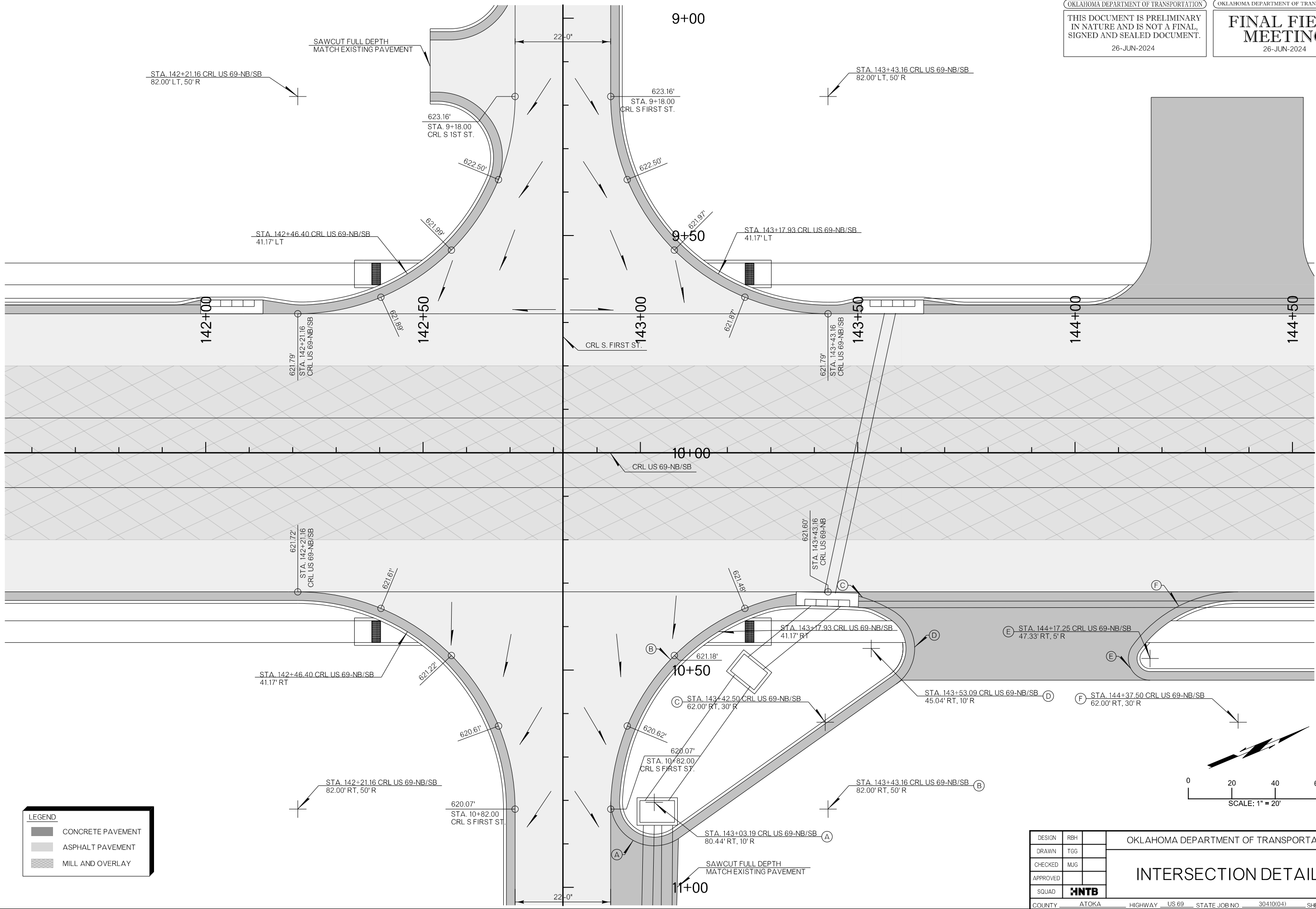
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CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R038

INTERSECTION DETAILS

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26-JUN-2024

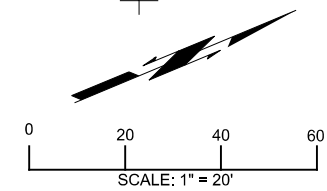
FINAL FIELD MEETING
26-JUN-2024

PLOT DATE: 26-JUN-2024
FILENAME: p:\pw-int\hntb.org\Projects\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-InterDet.dgn



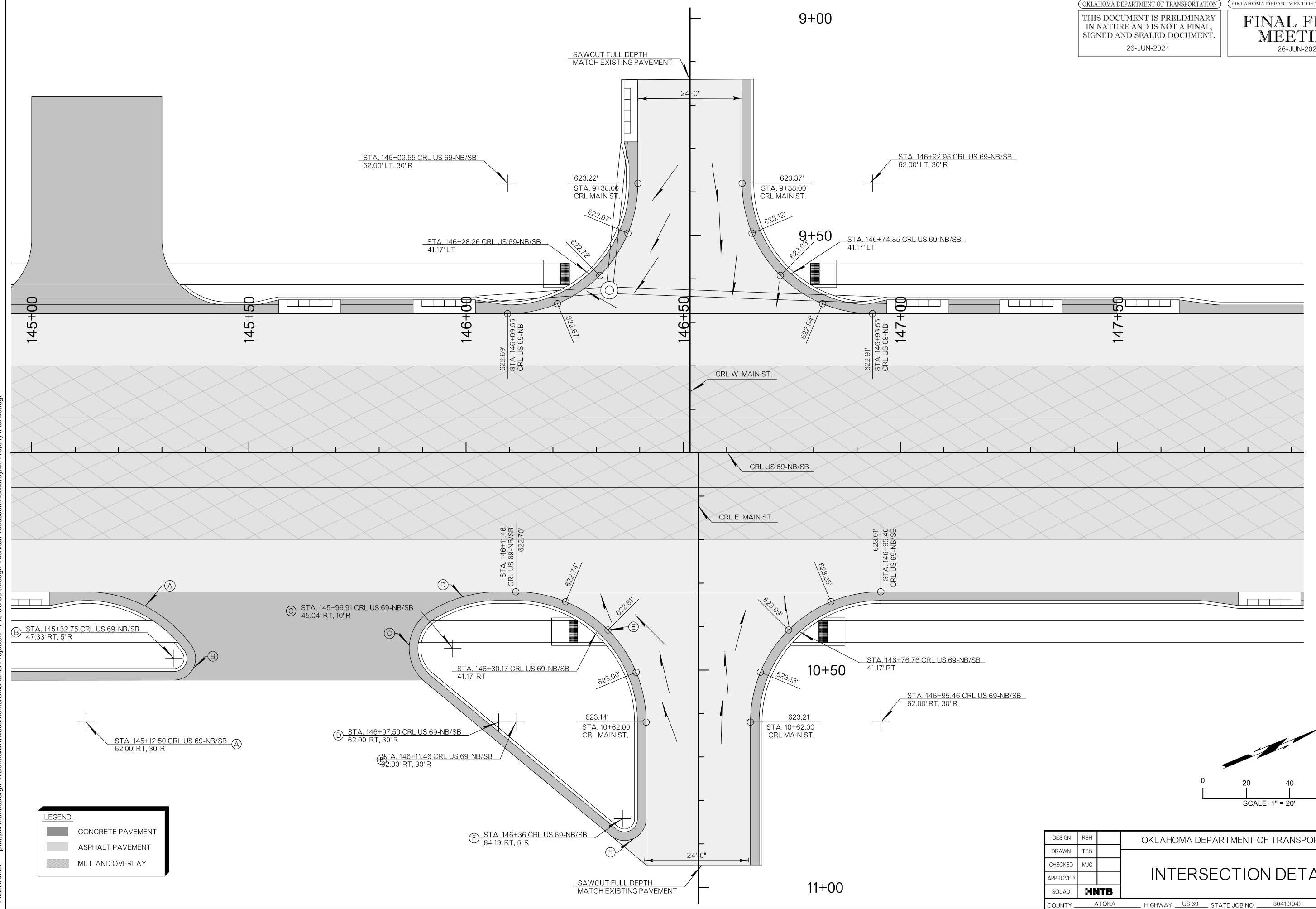
LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO <u>30410(04)</u> SHEET NO <u>R039</u>		INTERSECTION DETAILS

PLOT DATE: 26-JUN-2024
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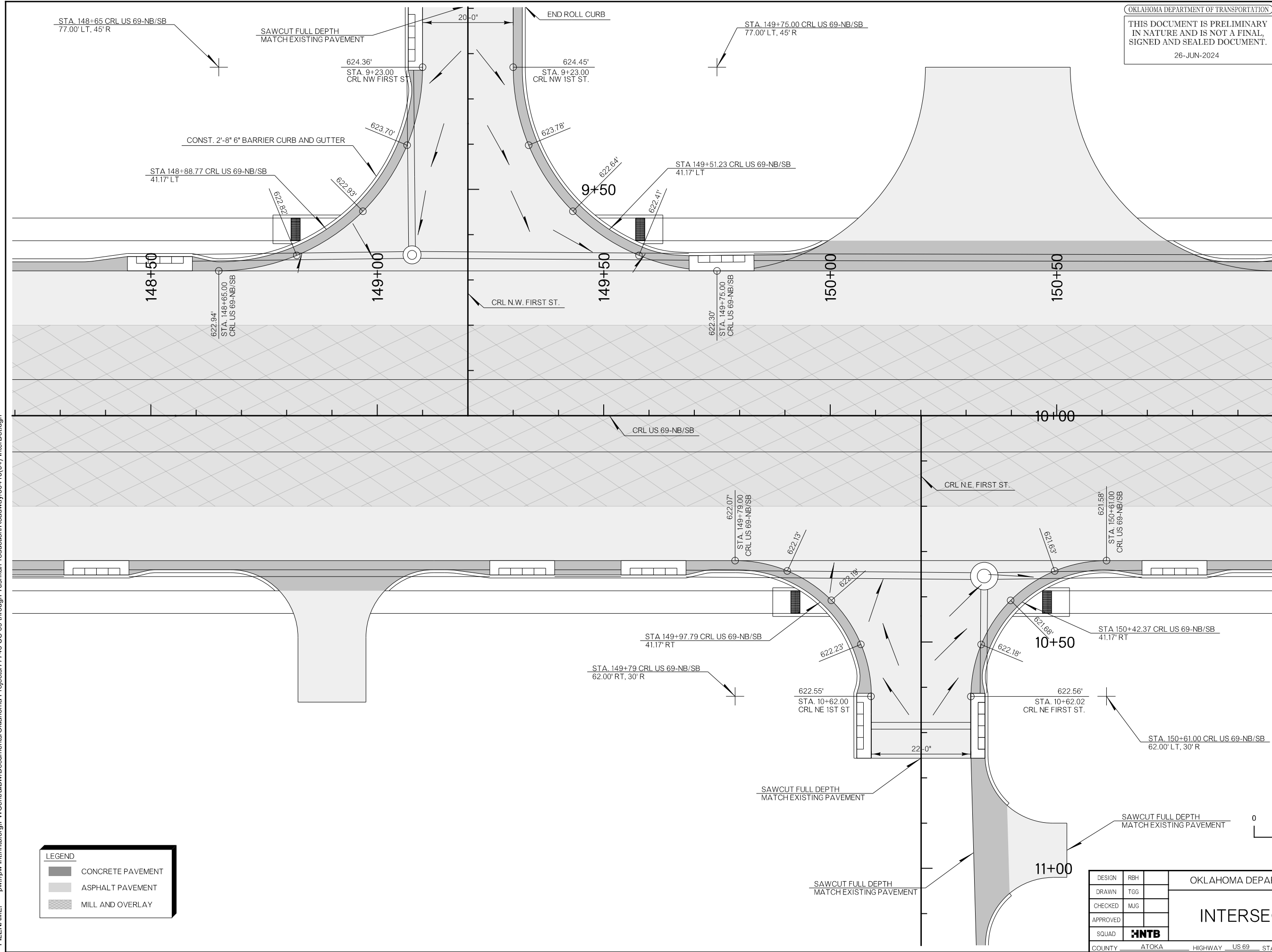


LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION INTERSECTION DETAILS
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	
COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R040

OKLAHOMA DEPARTMENT OF TRANSPORTATION
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 26-JUN-2024

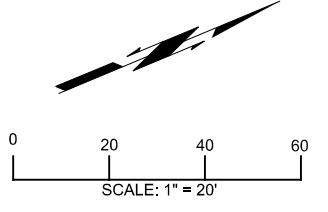
OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
 MEETING**
 26-JUN-2024



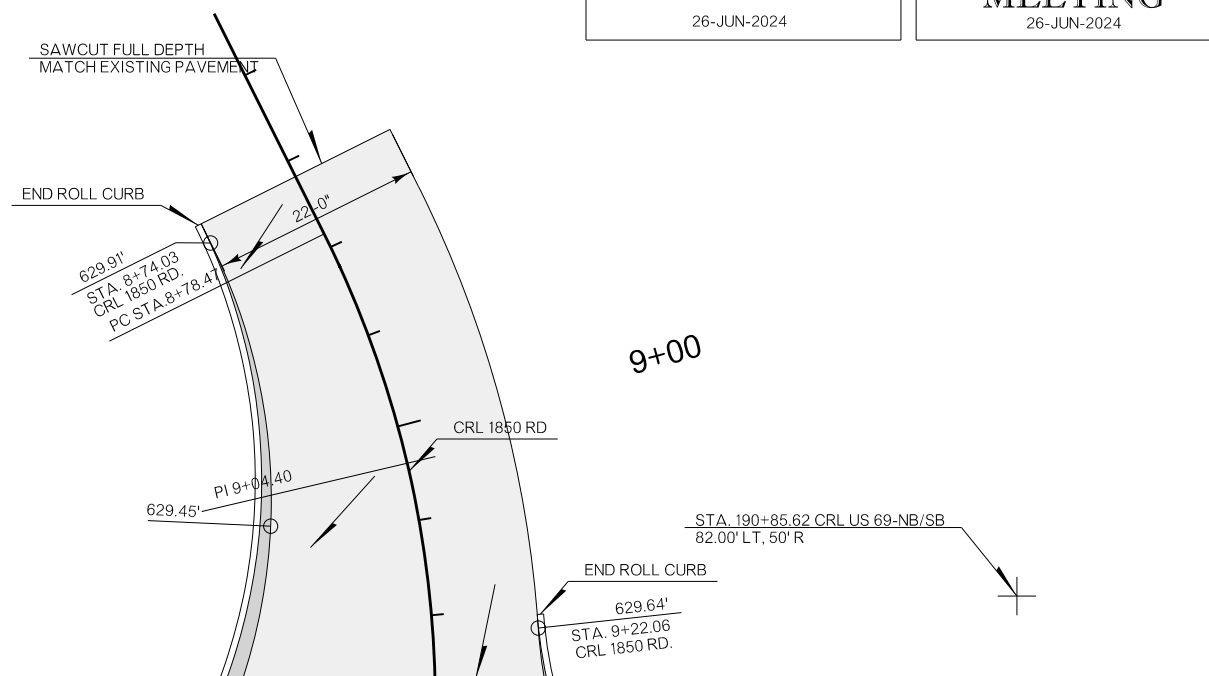
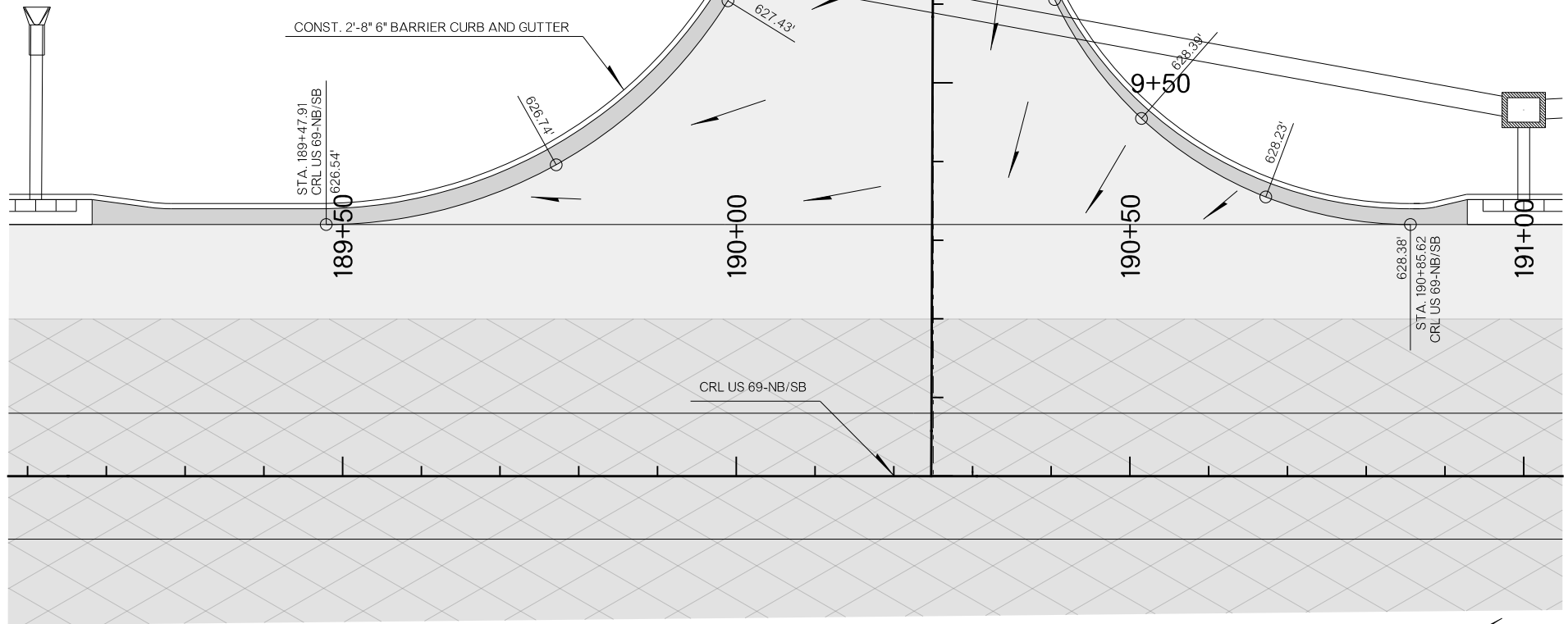
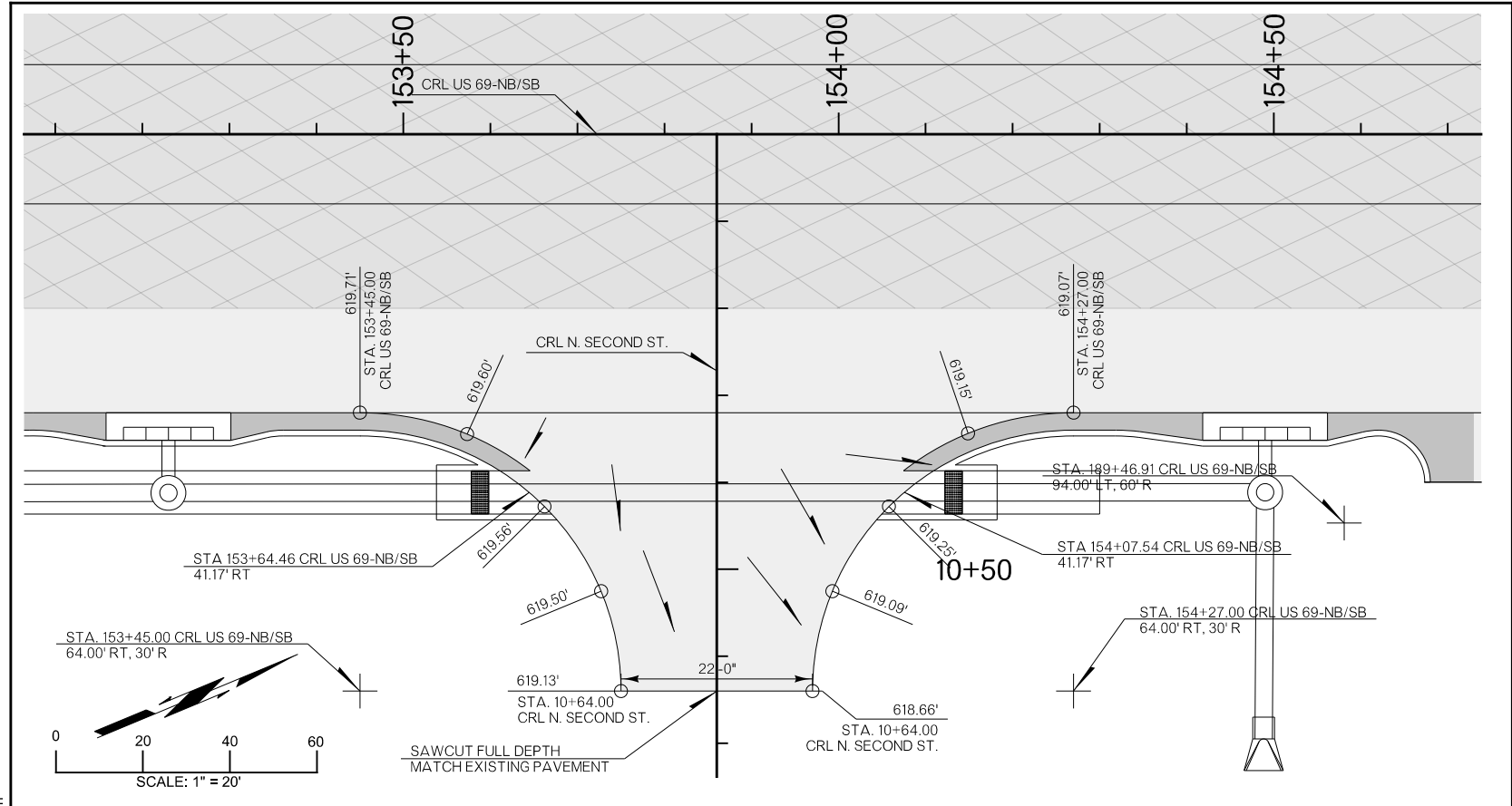
PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\Projects\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-InterDet.dgn

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



DESIGN		RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		TGG		INTERSECTION DETAILS	
CHECKED		MJG			
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SQUAD		HNTB			
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)
			SHEET NO	R041	



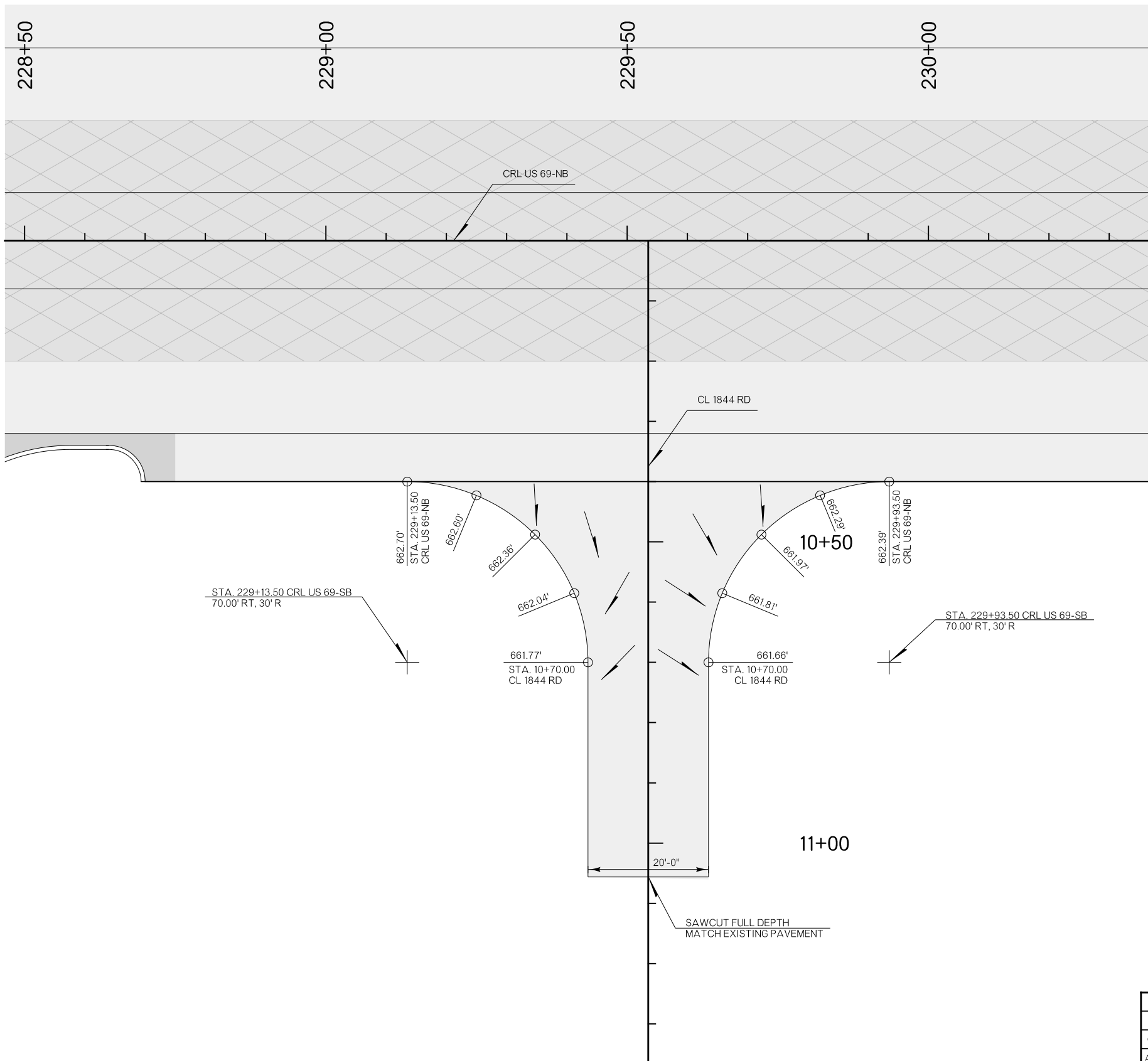
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	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

DESIGN	RBH
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CHECKED	MJG
APPROVED	
SQUAD	HNTB

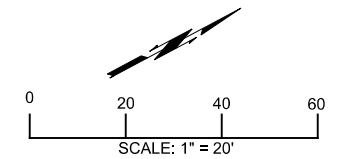
OKLAHOMA DEPARTMENT OF TRANSPORTATION	
INTERSECTION DETAILS	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO.	30410(04)
SHEET NO.	R042

PLOT DATE: 26-JUN-2024
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 09:54 AM



PLOT DATE: 26-JUN-2024 09:54 AM
 FILENAME: p:\pw-int\hntb.org\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-InterDet.dgn

LEGEND	
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	ASPHALT PAVEMENT
	MILL AND OVERLAY

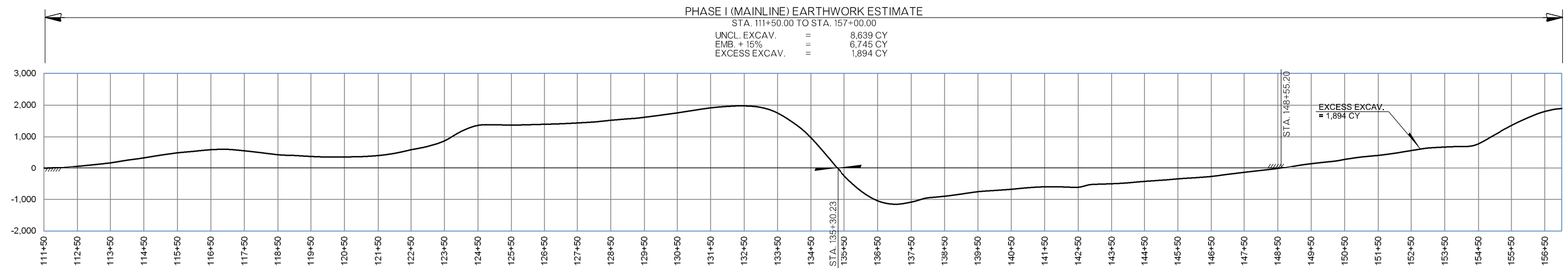
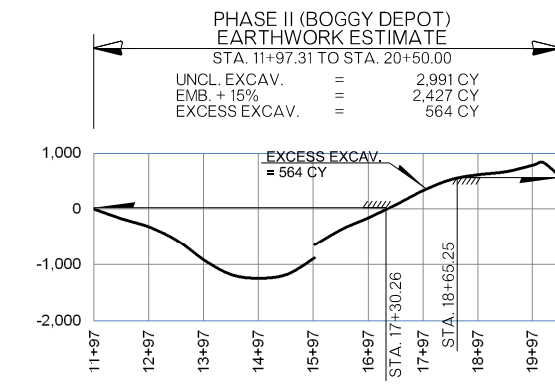
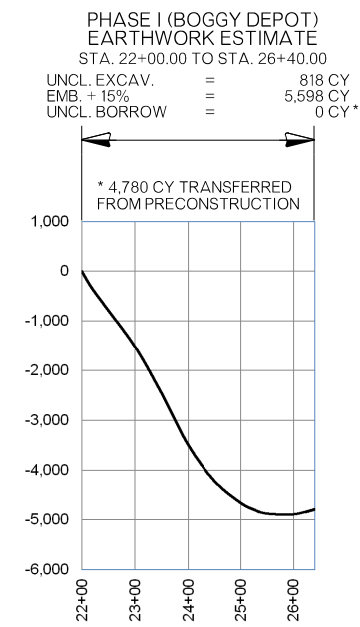
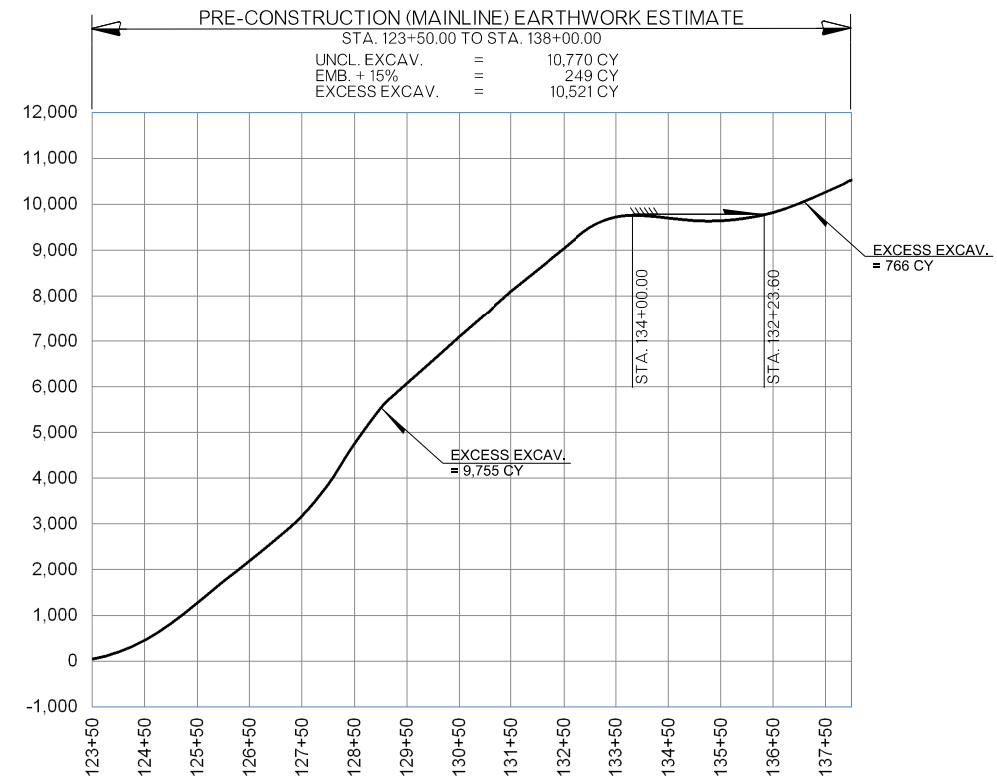


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CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO.	30410(04)	SHEET NO.	R043

INTERSECTION DETAILS

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26-JUN-2024

FINAL FIELD MEETING
26-JUN-2024



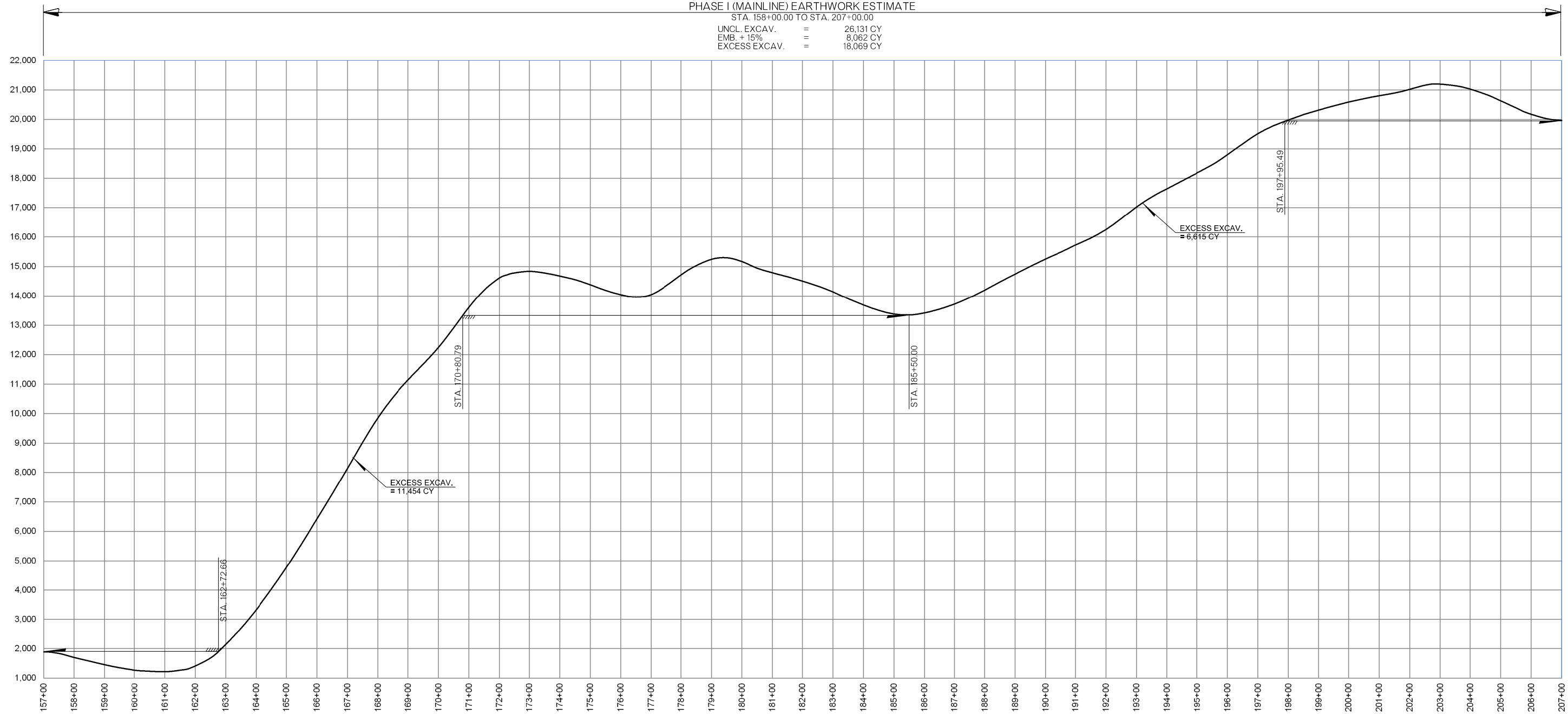
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DRAWN	TGG		MASS HAUL DIAGRAM				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R044

PHASE I (MAINLINE) EARTHWORK ESTIMATE

STA. 158+00.00 TO STA. 207+00.00

UNCL. EXCAV. = 26,131 CY
EMB. +15% = 8,062 CY
EXCESS EXCAV. = 18,069 CY



PLOT DATE: 26-JUN-2024 09:55 AM
FILENAME: p:\pw-int\hntb.org\Projects\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\3041004-MassDiagram.dgn

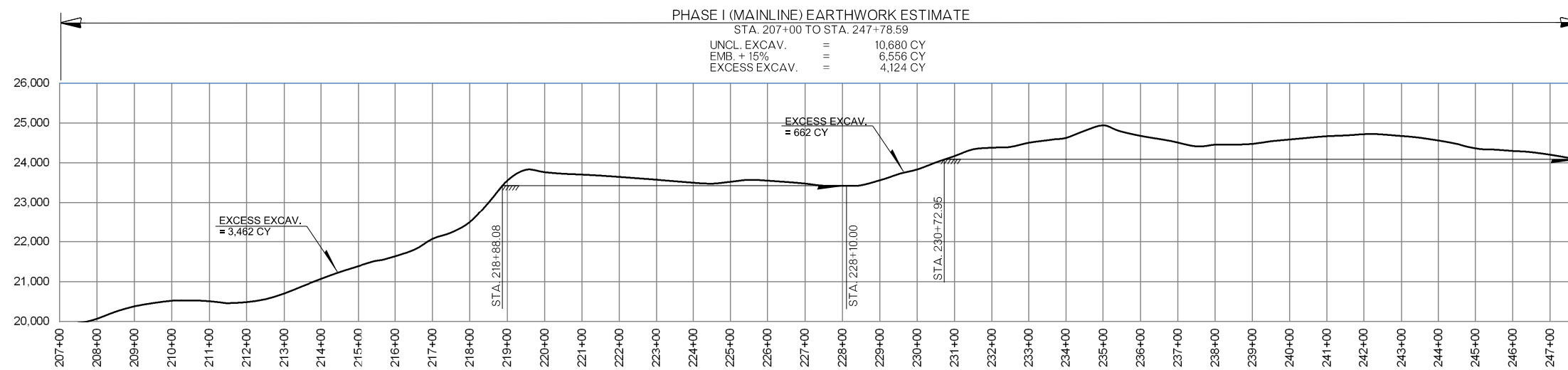
DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

**MASS HAUL
DIAGRAM**

COUNTY: ATOKA HIGHWAY: US 69 STATE JOB NO: 3041004 SHEET NO: R045

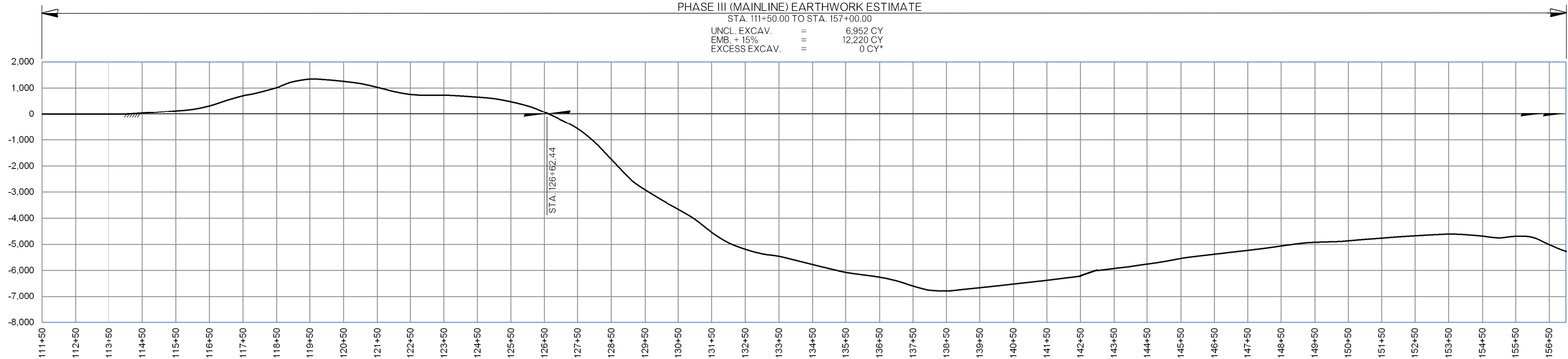
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DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		MASS HAUL DIAGRAM				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R046

PHASE III (MAINLINE) EARTHWORK ESTIMATE

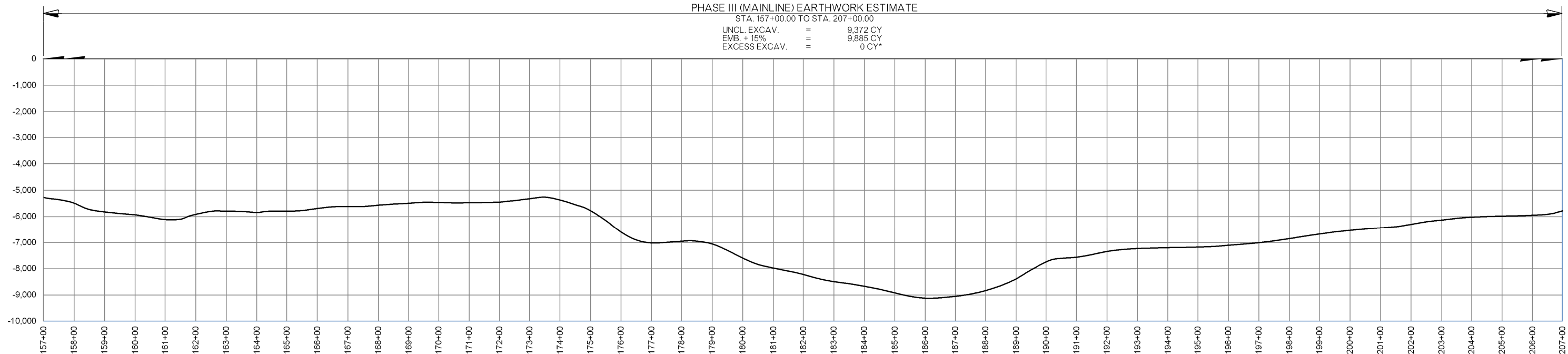
STA. 111+50.00 TO STA. 157+00.00
UNCL. EXCAV. = 6,952 CY
EMB. + 15% = 12,220 CY
EXCESS EXCAV. = 0 CY*



* BALANCED WITH EARTHWORK ON NEXT SHEET

PHASE III (MAINLINE) EARTHWORK ESTIMATE

STA. 157+00.00 TO STA. 207+00.00
UNCL. EXCAV. = 9,372 CY
EMB. + 15% = 9,885 CY
EXCESS EXCAV. = 0 CY*



* BALANCED WITH EARTHWORK ON NEXT SHEET

PLOT DATE: 26-JUN-2024
FILENAME: p:\pw-int\hntb.org\pw\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-MassDiagram.dgn

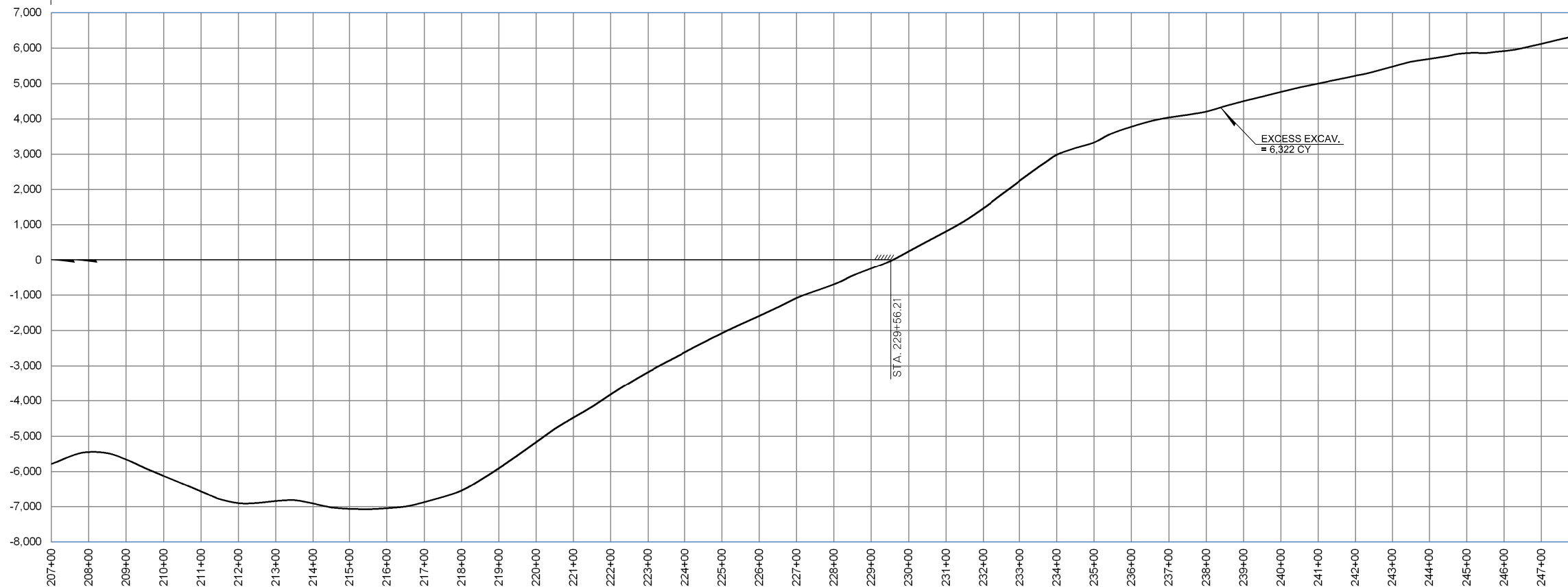
DESIGN	RBH	
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	

OKLAHOMA DEPARTMENT OF TRANSPORTATION

MASS HAUL
DIAGRAM

PHASE III (MAINLINE) EARTHWORK ESTIMATE

STA. 207+00.00 TO STA. 247+78.59
UNCL. EXCAV. = 16,105 CY
EMB. + 15% = 4,003 CY
EXCESS EXCAV. = 6,322 CY*



* BALANCED WITH EARTHWORK ON PREVIOUS SHEET

PLOT DATE: 26-JUN-2024 09:55 AM
FILENAME: p:\pw-int\hntb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-MassDiagram.dgn

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DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R048

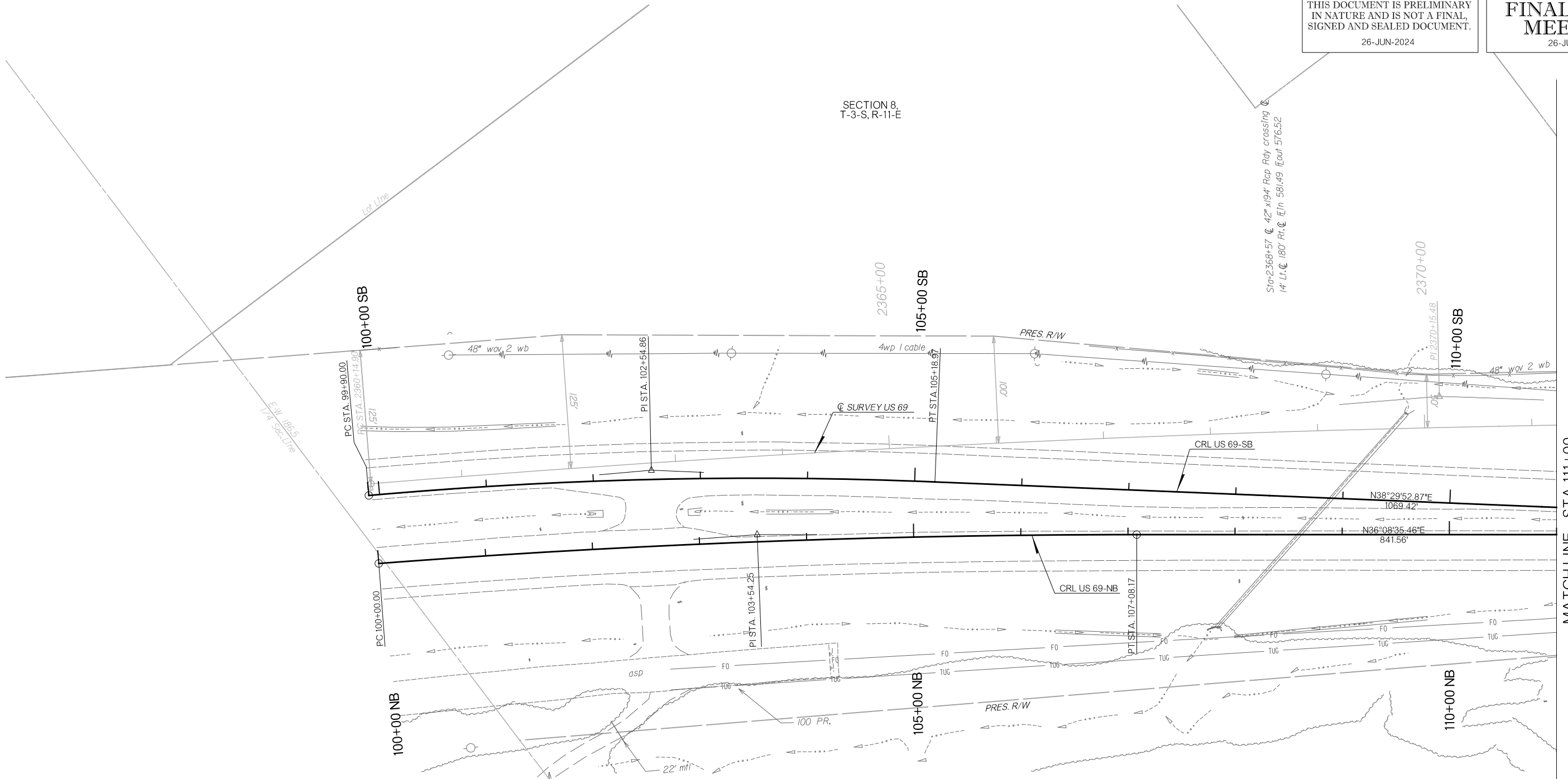
MASS HAUL
DIAGRAM

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 26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
 MEETING**
 26-JUN-2024

SECTION 8,
 T-3-S, R-11-E

SECTION 8,
 T-3-S, R-11-E



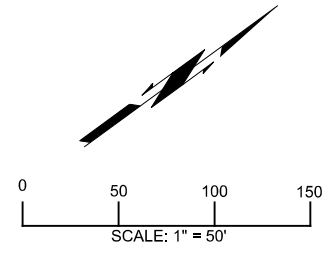
MATCHLINE - STA 111+00

UTILITY OWNER

ATOKA COUNTY RWD #2	(580) 889-7601
PUBLIC SERVICE CO OF OK	(888) 216-3523
UNKNOWN (TELEPHONE)	
UNKNOWN (FIBER OPTIC)	

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



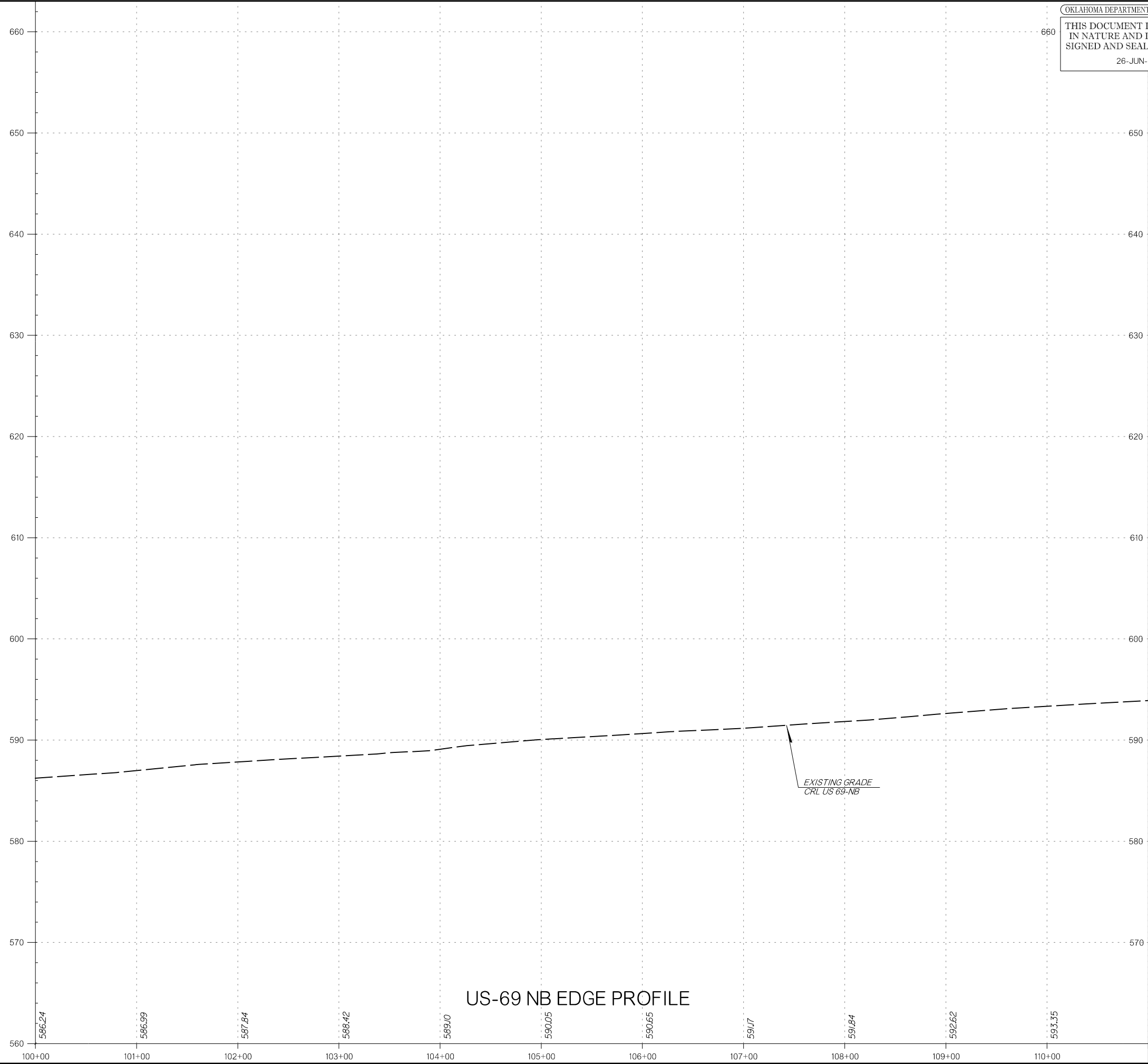
DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG		
CHECKED	MJG		
APPROVED			
SQUAD	HNTB		
COUNTY <u>ATOKA</u> HIGHWAY <u>US 69</u> STATE JOB NO <u>30410(04)</u> SHEET NO <u>R049</u>			<p>PLAN SHEET</p>

PLOT DATE: 26-JUN-2024 09:55 AM
 FILENAME: p:\pw-int\hntb.org\pw\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Plan1.dgn

PLOT DATE: 26-JUN-2024 09:55 AM
FILENAME: pw://pw-int.hntb.org;PW-CentralDiv/Document/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Profiles 1.dgn

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THIS DOCUMENT IS PRELIMINARY
IN NATURE AND IS NOT A FINAL,
SIGNED AND SEALED DOCUMENT.
26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
MEETING**
26-JUN-2024



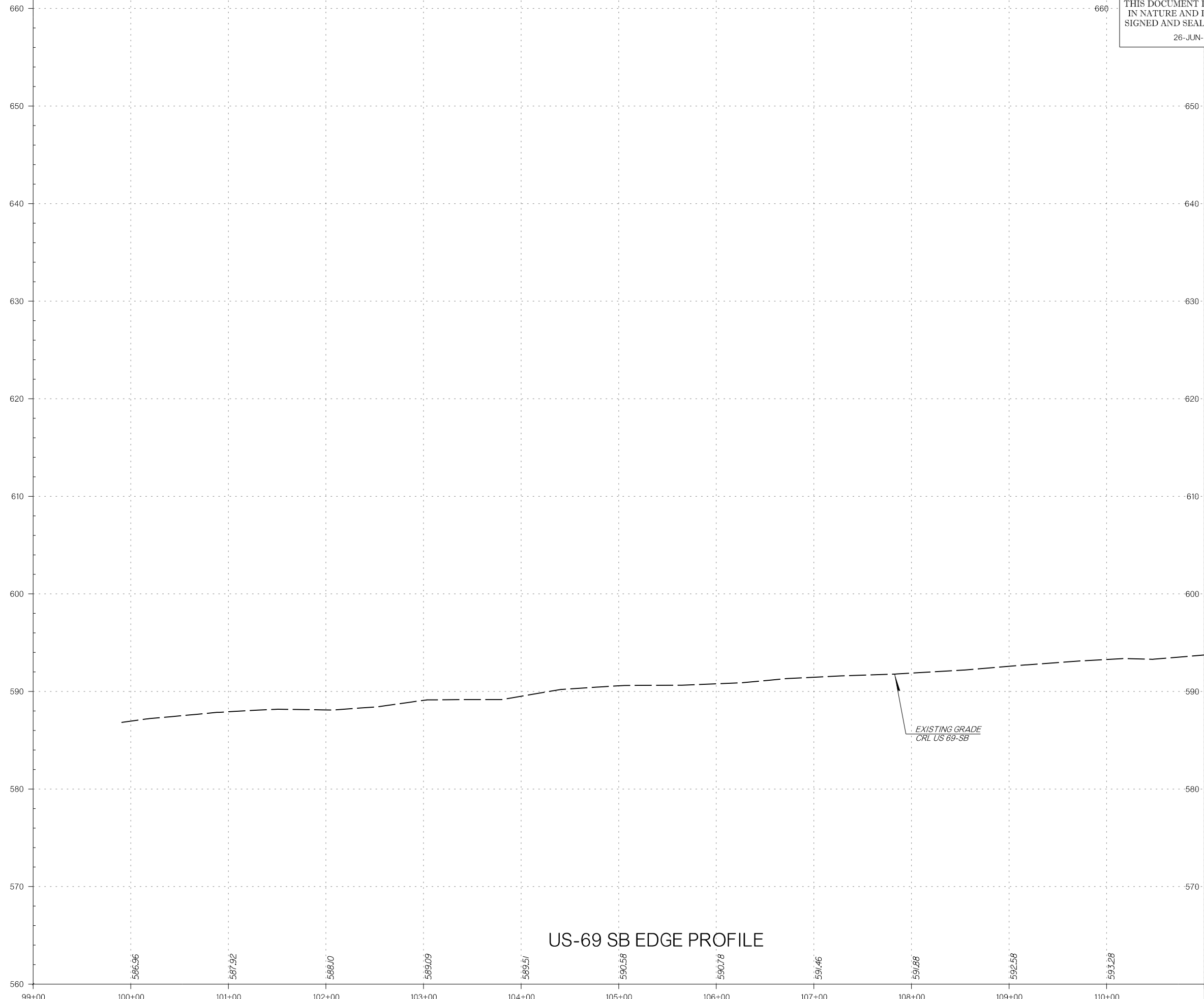
MATCH LINE - STA 111+00

US-69 NB EDGE PROFILE

PLOT DATE: 26-JUN-2024 09:55 AM
FILENAME: pw://pw-int.hntb.org;PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Profiles1.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION
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26-JUN-2024

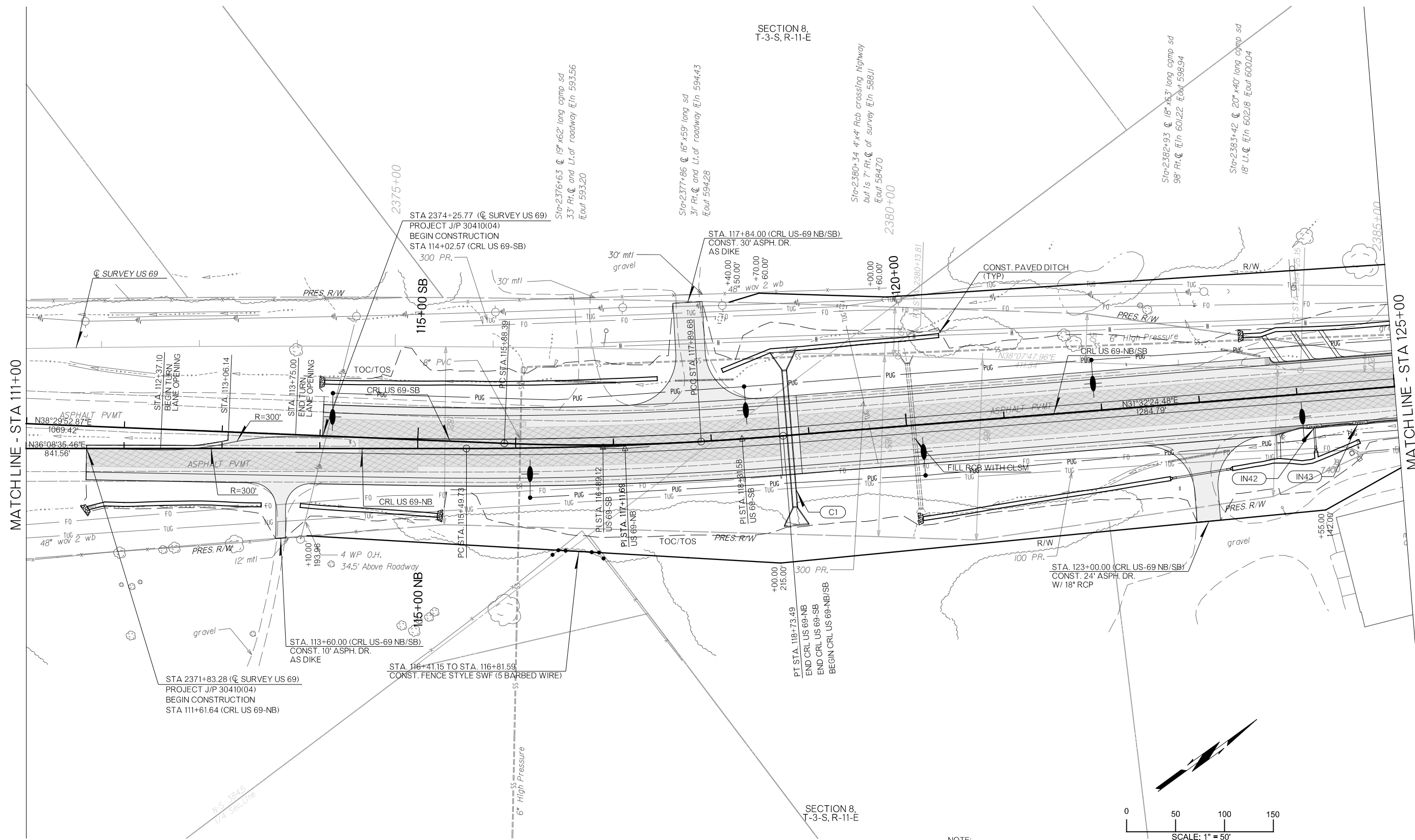
OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
MEETING**
26-JUN-2024



US-69 SB EDGE PROFILE

MATCHLINE - STA 111+00

EXISTING GRADE
CRL US 69-SB

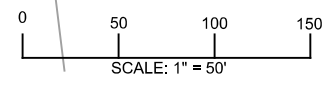


PLOT DATE: 26-JUN-2024 09:55 AM
 FILENAME: p:\jpw-int.hntb.org\Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Plan1.dgn

LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

NOTE:
 ALL BENCHMARKS AND PRES./PROP
 ROW ARE BASED ON
 CENTERLINE OF SURVEY.
 REFER TO SURVEY DATA SHEETS
 FOR ADDITIONAL INFORMATION.

7400
 ROD IN SLEEVE SET FOR 7400,
 92.78' RT., STA 2384+65.05
 ELEV=610.79



DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R052

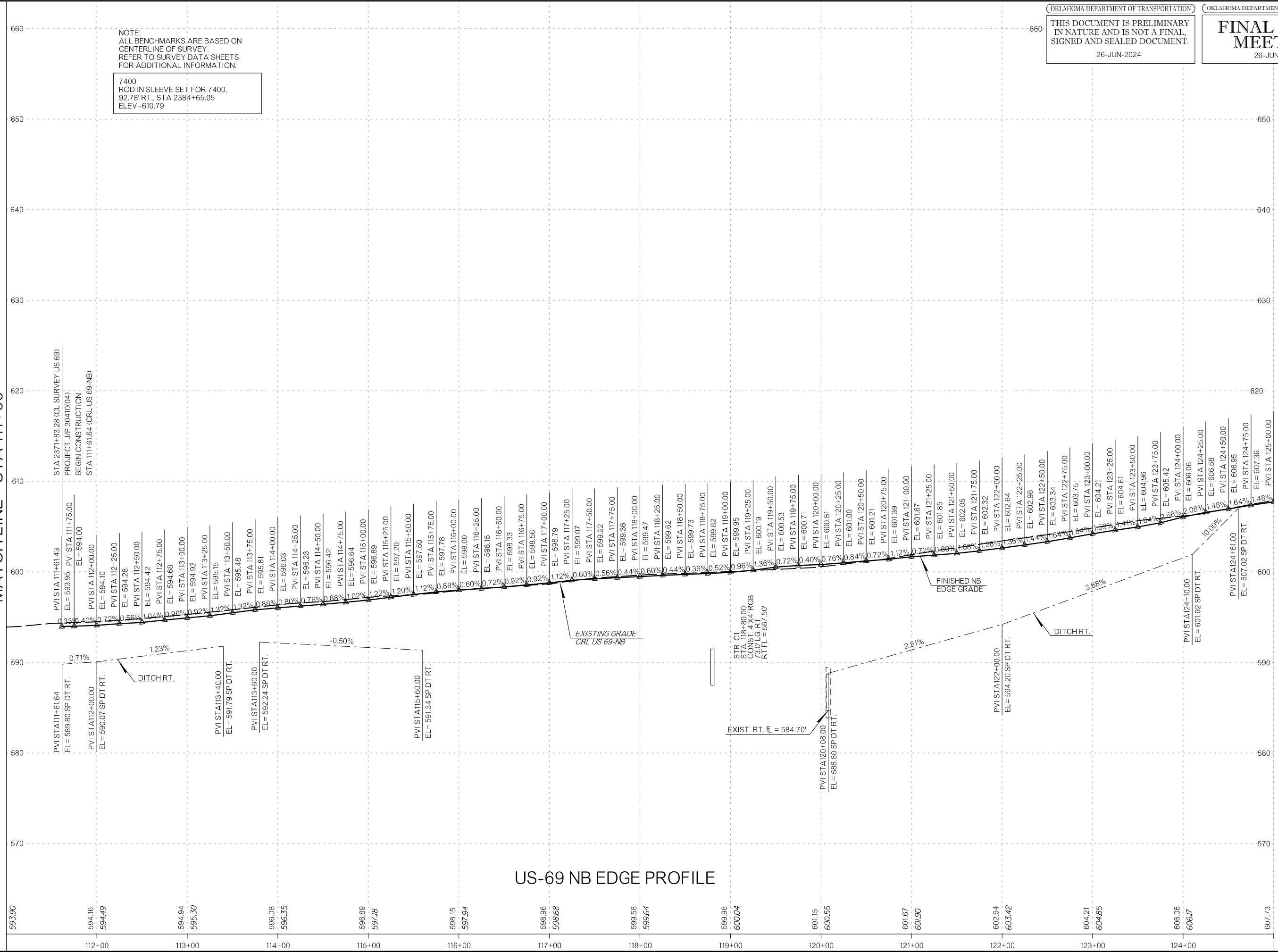
PLAN SHEET

NOTE:
 ALL BENCHMARKS ARE BASED ON
 CENTERLINE OF SURVEY.
 REFER TO SURVEY DATA SHEETS
 FOR ADDITIONAL INFORMATION.

7400
 ROD IN SLEEVE SET FOR 7400,
 92.78' RT., STA 2384+65.05
 ELEV=610.79

MATCHLINE - STA 111+00

MATCHLINE - STA 125+00



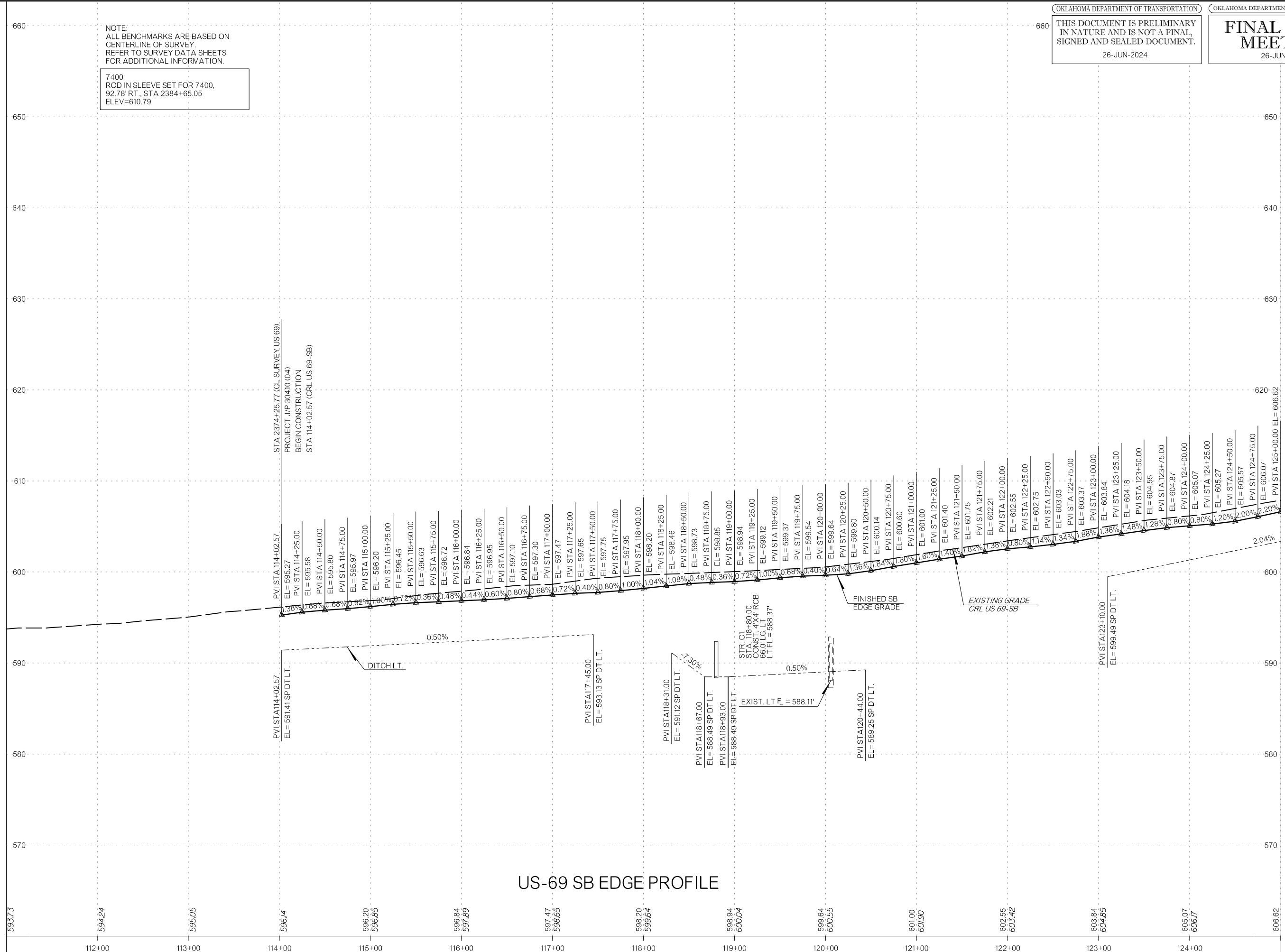
US-69 NB EDGE PROFILE

NOTE:
 ALL BENCHMARKS ARE BASED ON
 CENTERLINE OF SURVEY.
 REFER TO SURVEY DATA SHEETS
 FOR ADDITIONAL INFORMATION.

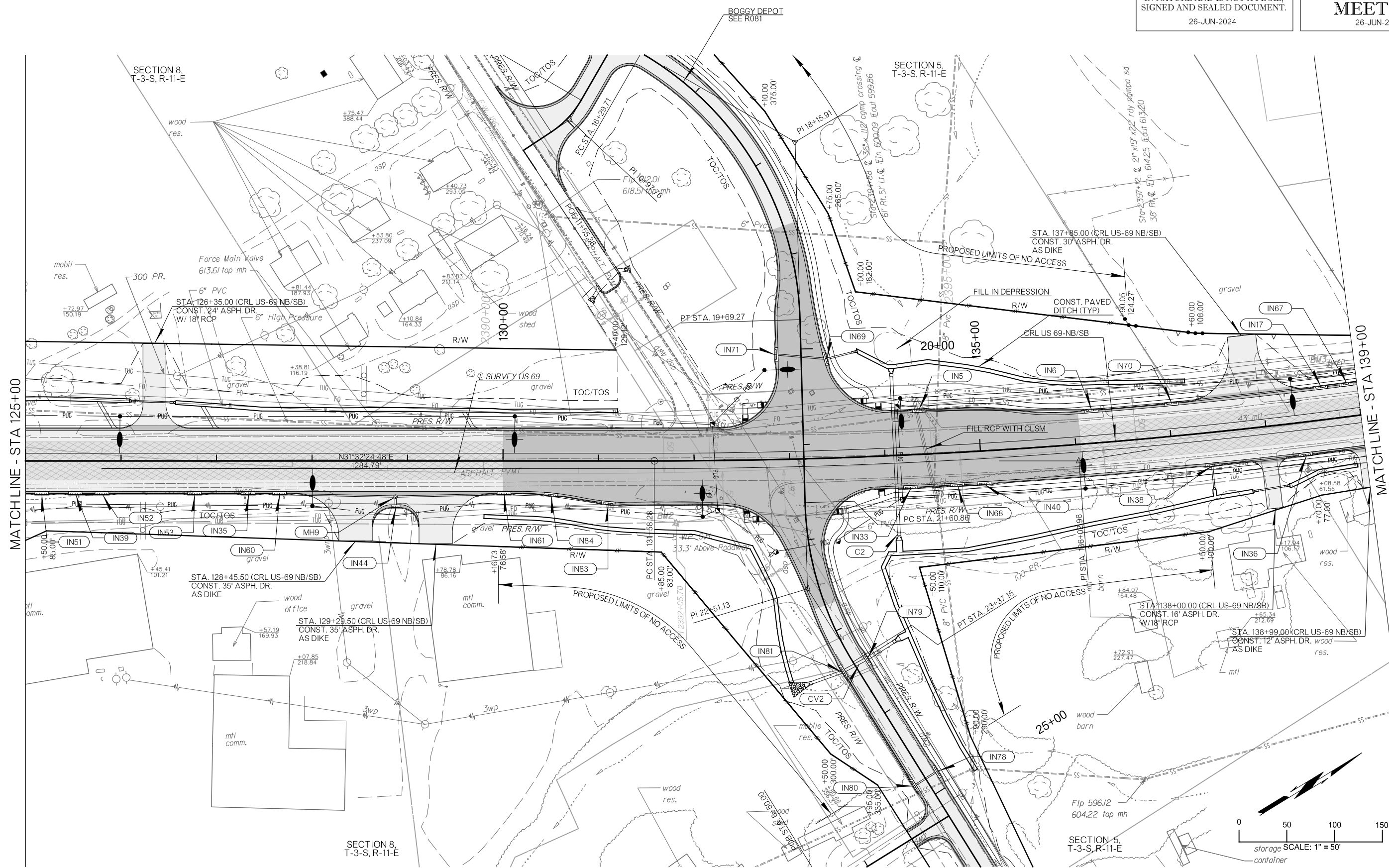
7400
 ROD IN SLEEVE SET FOR 7400,
 92.78' RT., STA 2384+65.05
 ELEV=610.79

MATCHLINE - STA 111+00

MATCHLINE - STA 125+00



US-69 SB EDGE PROFILE



MATCHLINE - STA 125+00

MATCHLINE - STA 139+00

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

BM2
 DEL POST 51.1' RT., STA. 2392+03.70
 ELEV=610.91

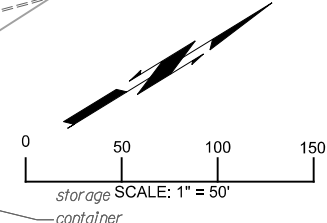
BM3
 DEL POST 56.56' LT., STA. 2398+97.43
 ELEV=620.11

DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION

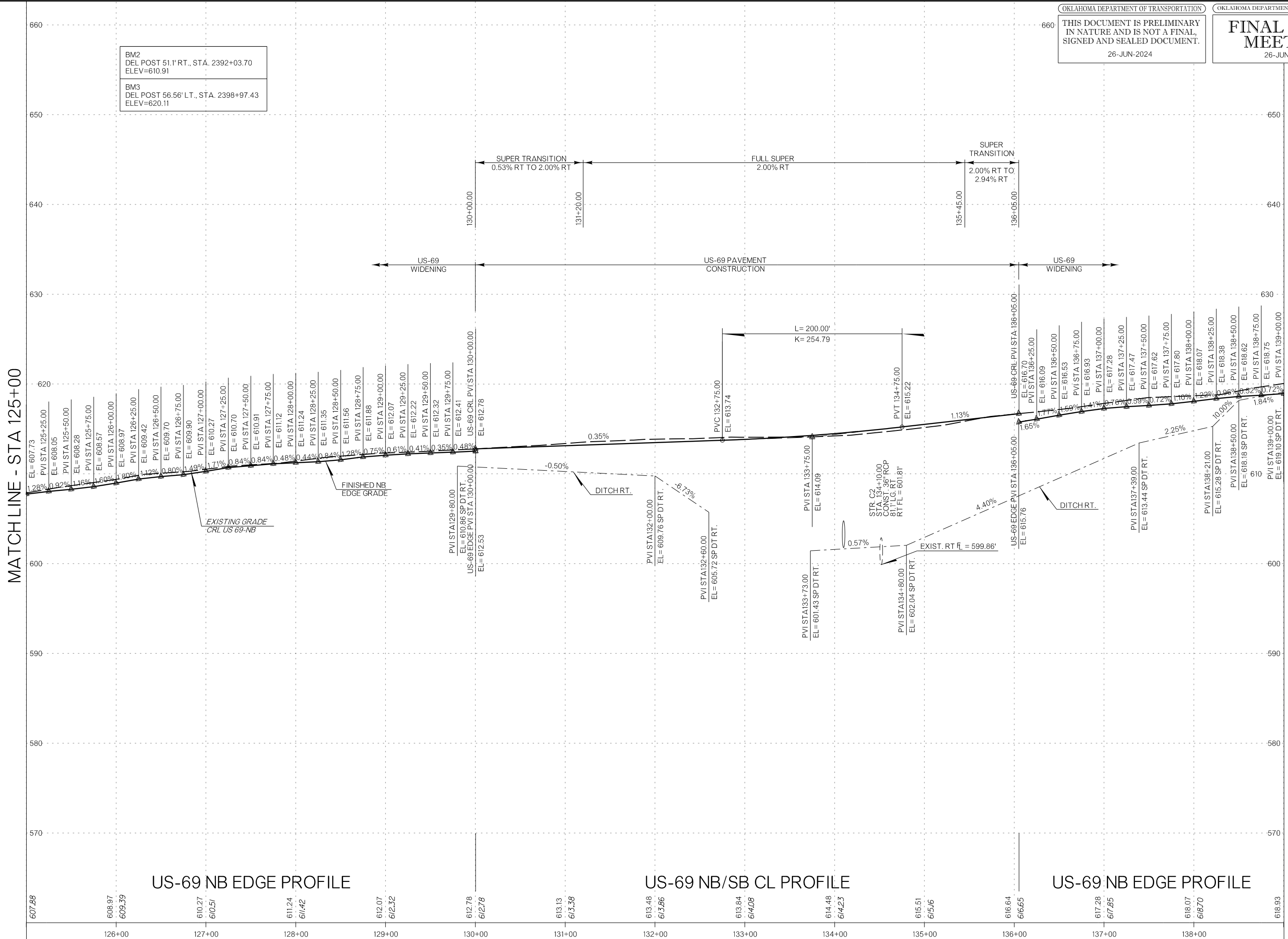
PLAN SHEET

COUNTY ATOKA HIGHWAY US 69 STATE JOB NO 30410(04) SHEET NO R055



PLOT DATE: 26-JUN-2024 09:55 AM
 FILENAME: p:\pw-int\hntb.org\Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Plan1.dgn

MATCHLINE - STA 125+00



BM2
 DEL POST 51.1' RT., STA. 2392+03.70
 ELEV=610.91

BM3
 DEL POST 56.56' LT., STA. 2398+97.43
 ELEV=620.11

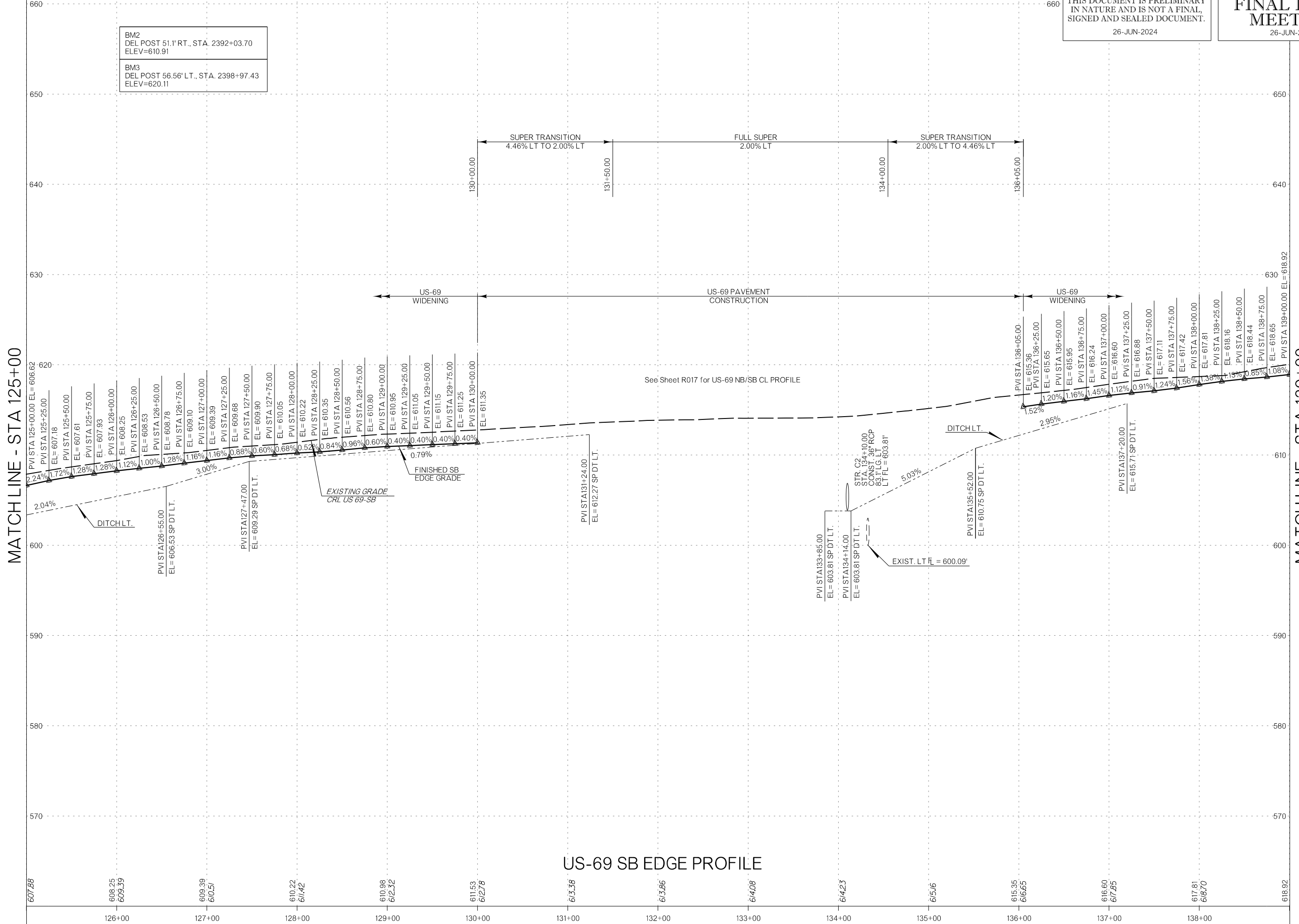
US-69 NB EDGE PROFILE

US-69 NB/SB CL PROFILE

US-69 NB EDGE PROFILE

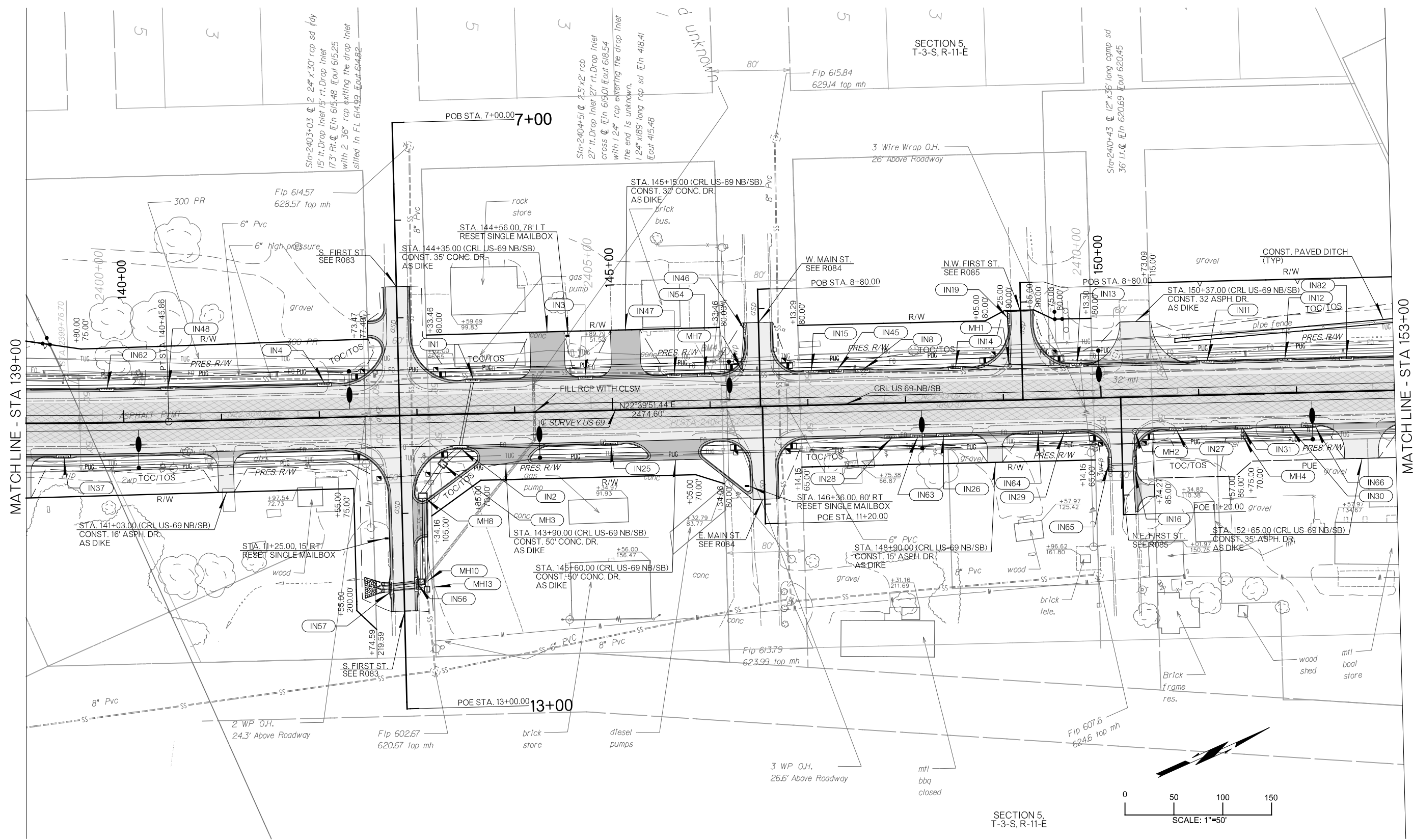
MATCHLINE - STA 139+00

MATCHLINE - STA 125+00



MATCHLINE - STA 139+00

US-69 SB EDGE PROFILE



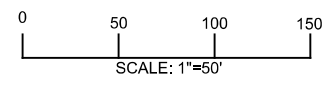
MATCHLINE - STA 139+00

MATCHLINE - STA 153+00

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

BM4
 DEL POST 52.62' LT., STA. 2406+37.67
 ELEV=624.90

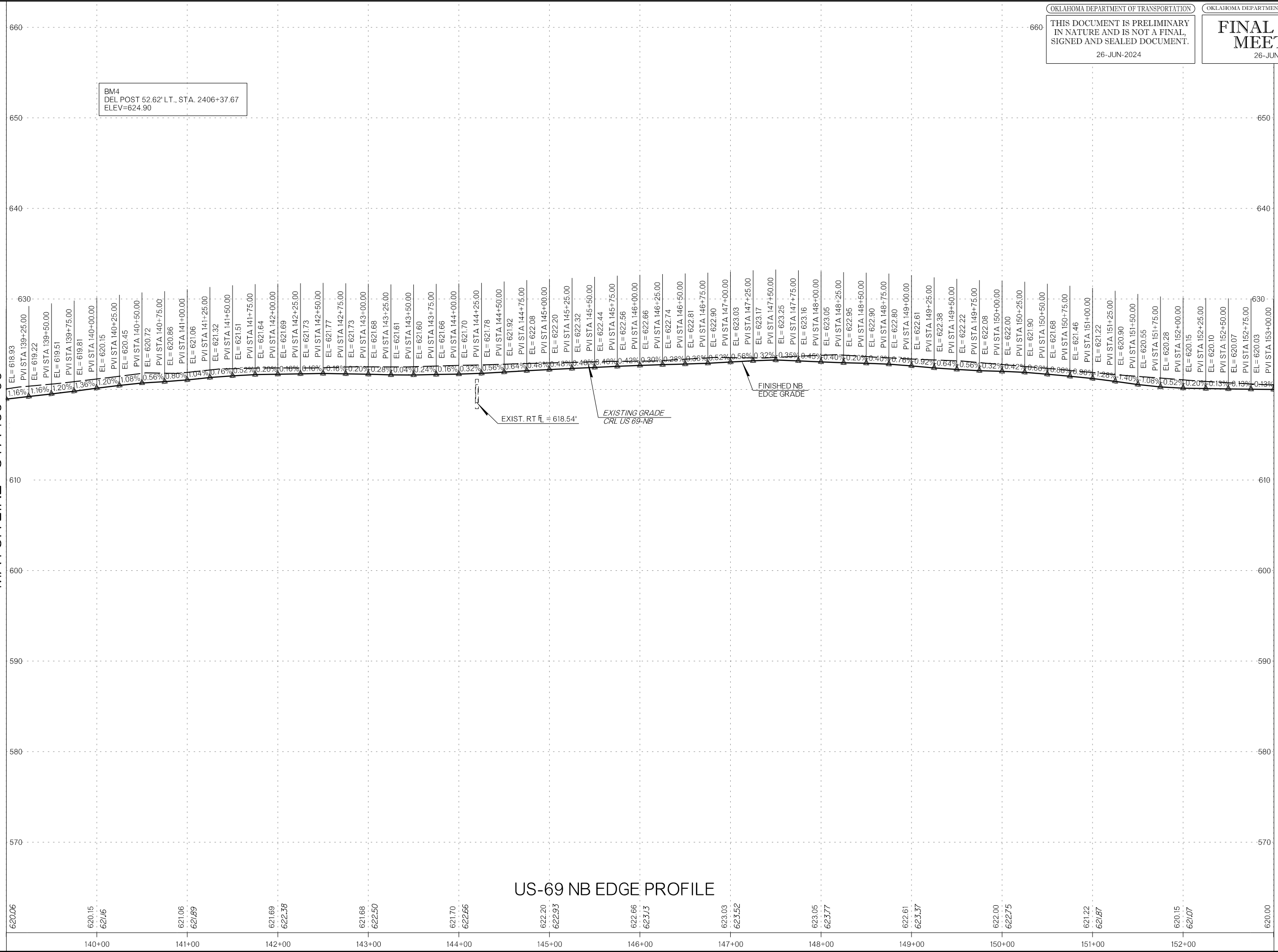


DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	
COUNTY	ATOKA	HIGHWAY US 69 STATE JOB NO 3041004 SHEET NO R058
PLAN SHEET		

PLOT DATE: 26-JUN-2024
 FILENAME: pw://pw-int.hntb.org/PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/3041004-Plan1.dgn
 09:55 AM

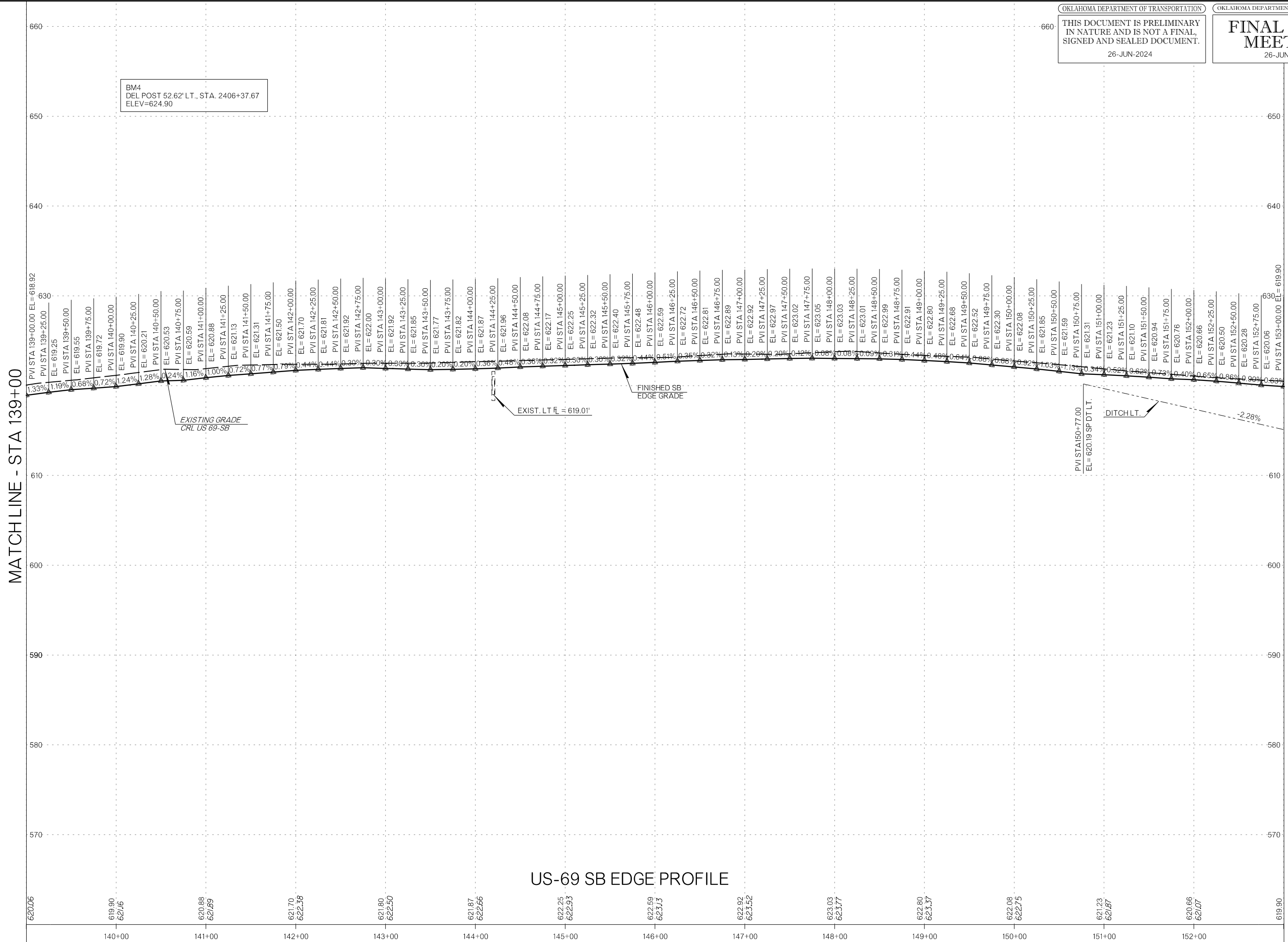
MATCHLINE - STA 139+00

MATCHLINE - STA 153+00



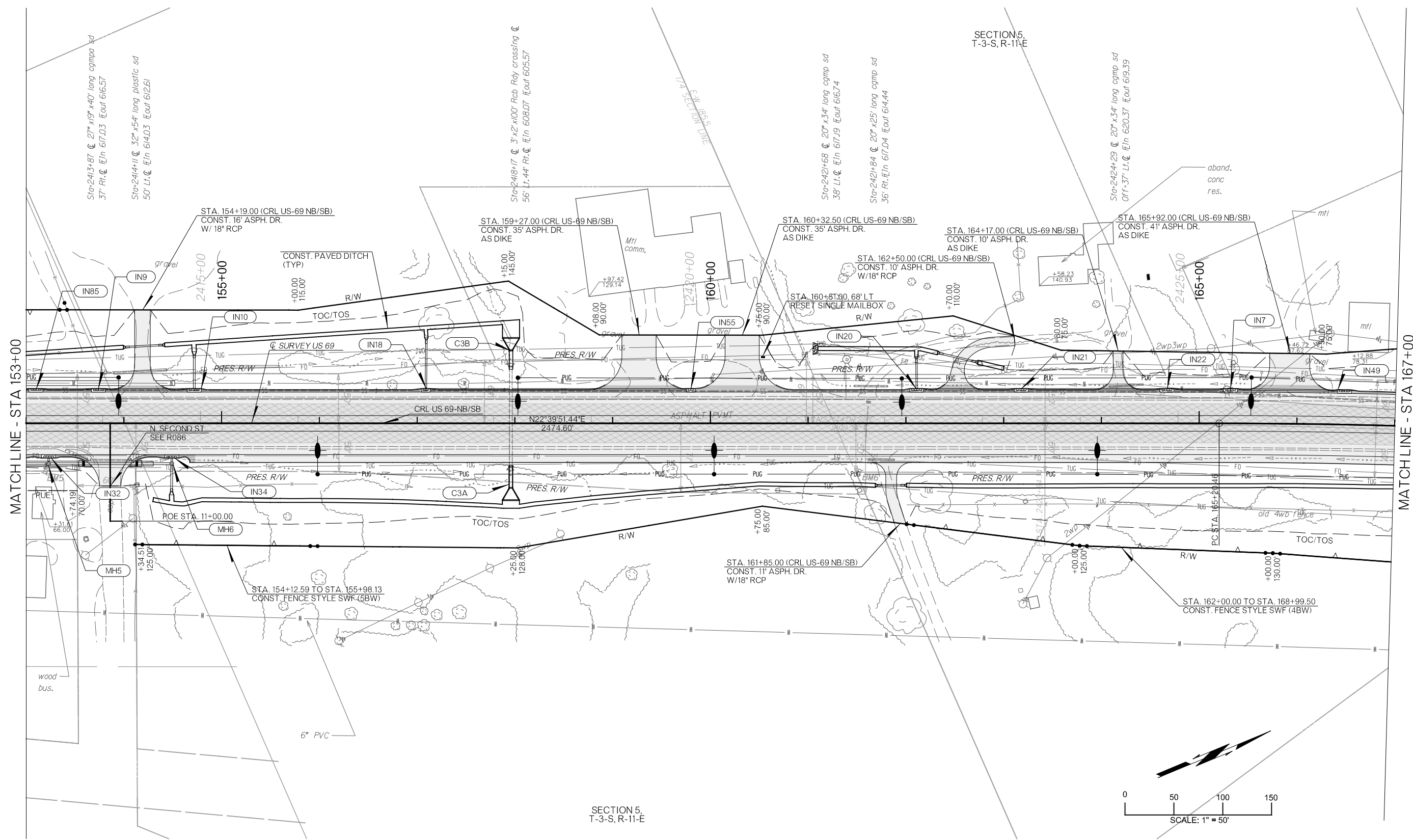
US-69 NB EDGE PROFILE

MATCHLINE - STA 139+00



US-69 SB EDGE PROFILE

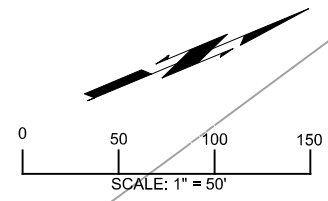
MATCHLINE - STA 153+00



PLOT DATE: 26-JUN-2024
 FILENAME: p:\pw-int\hntb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\3041004-Plan1.dgn

LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

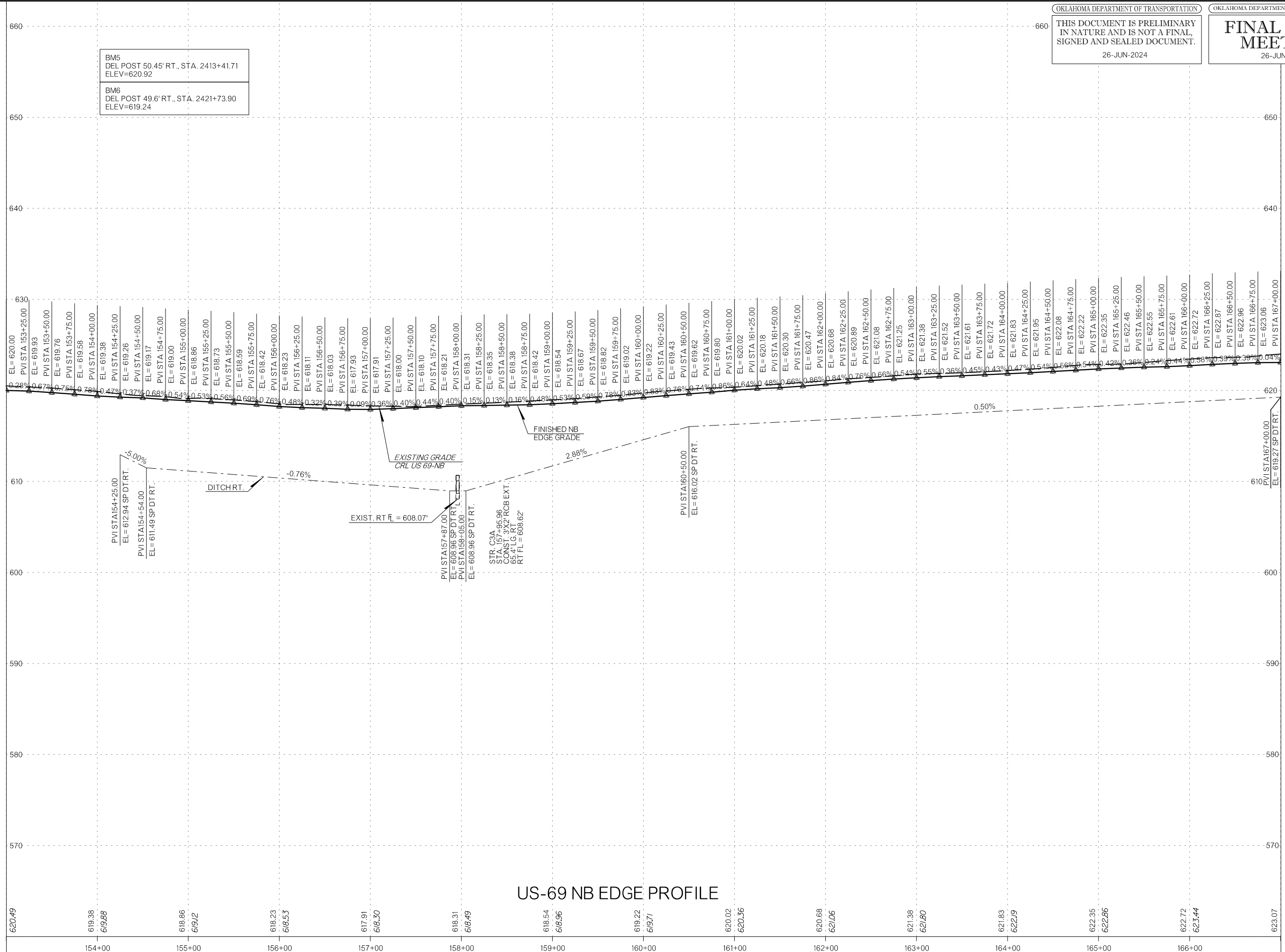
BM5 DEL POST 50.45' RT., STA. 2413+41.71 ELEV=620.92
BM6 DEL POST 49.6' RT., STA. 2421+73.90 ELEV=619.24



DESIGN		RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN	TGG			PLAN SHEET	
CHECKED	MJG				
APPROVED					
SQUAD	HNTB				
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	3041004
				SHEET NO	R061

MATCH LINE - STA 153+00

MATCH LINE - STA 167+00



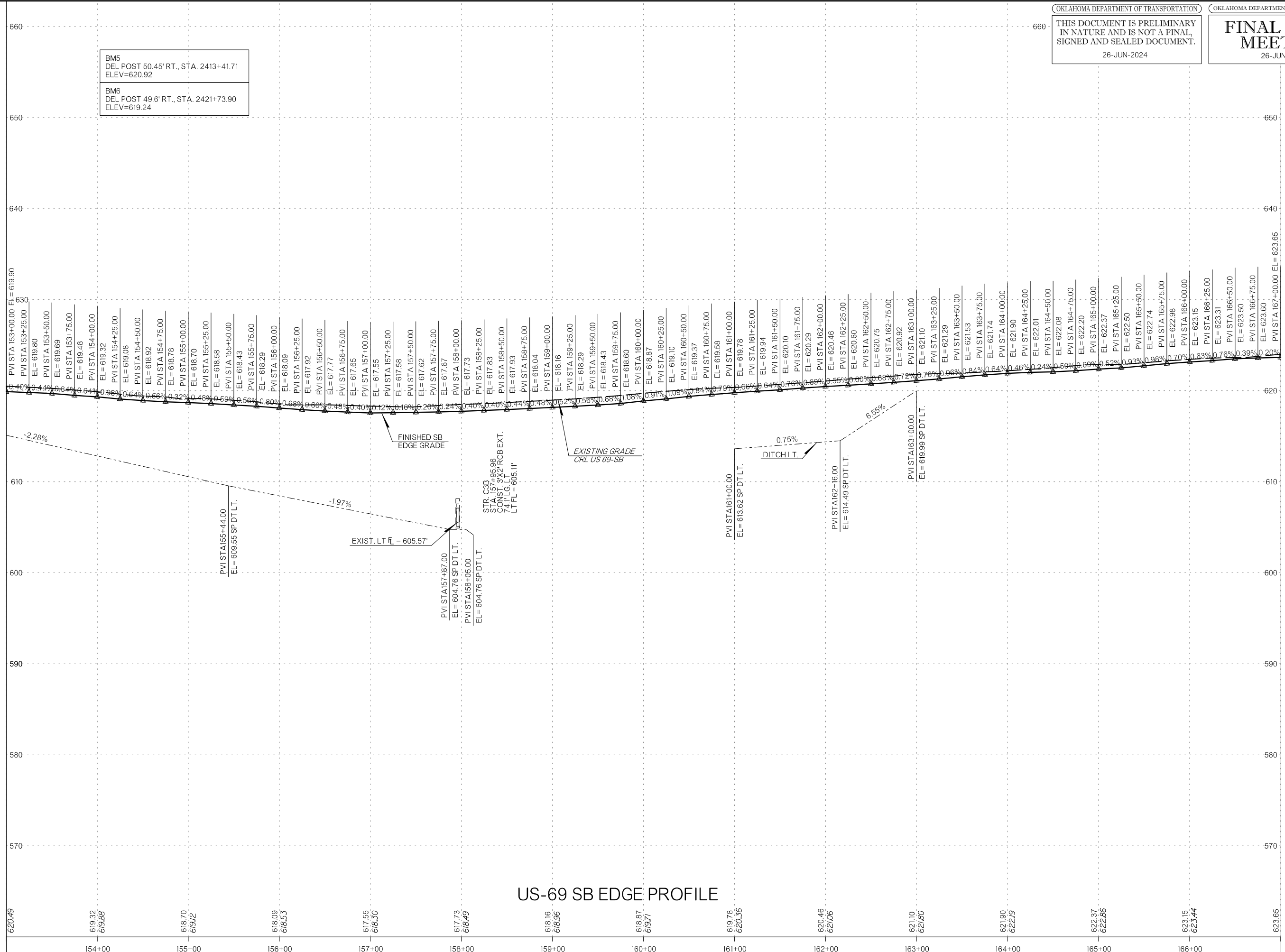
BM5
 DEL POST 50.45' RT., STA. 2413+41.71
 ELEV=620.92

BM6
 DEL POST 49.6' RT., STA. 2421+73.90
 ELEV=619.24

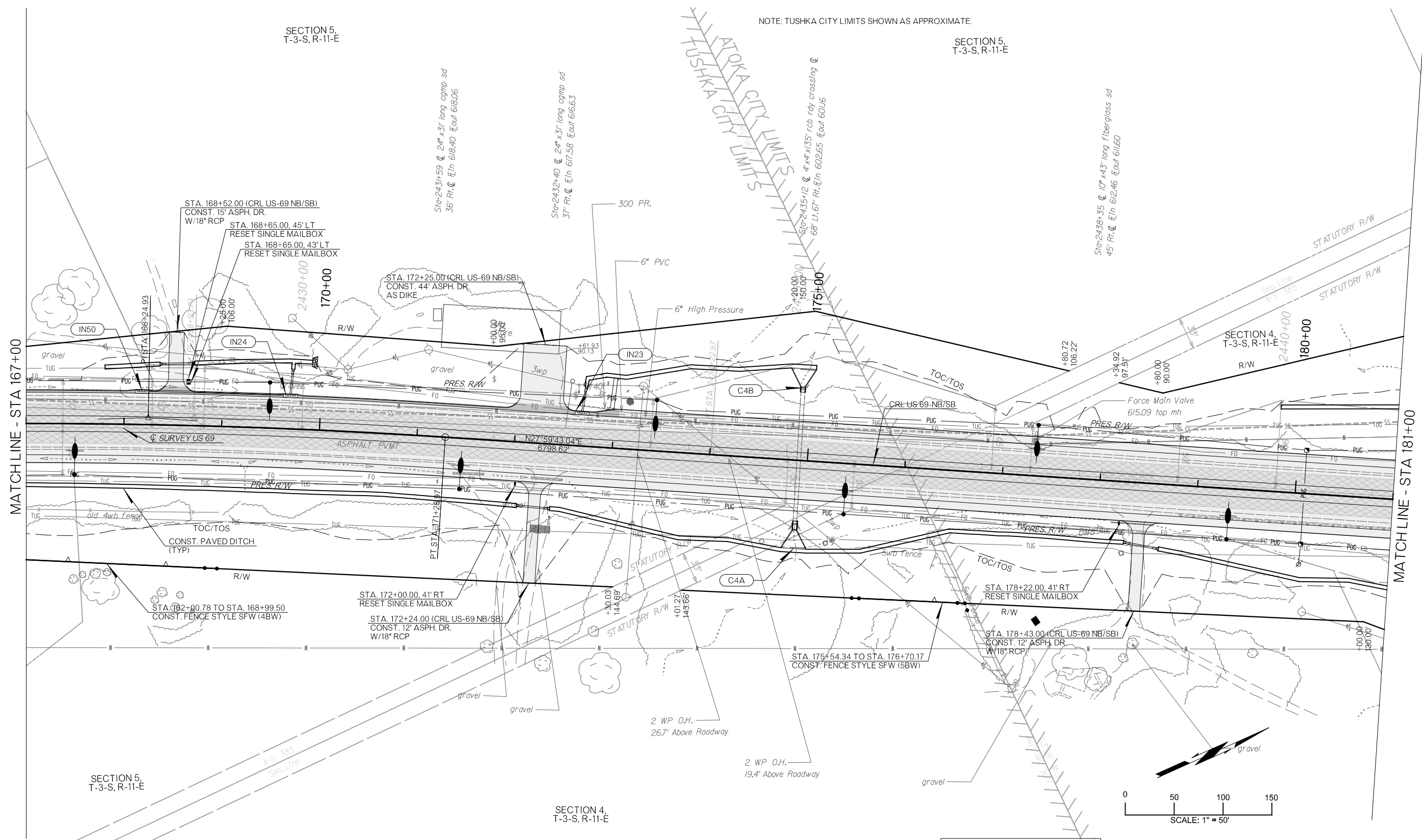
US-69 NB EDGE PROFILE

MATCHLINE - STA 153+00

MATCHLINE - STA 167+00



US-69 SB EDGE PROFILE



NOTE: TUSHKA CITY LIMITS SHOWN AS APPROXIMATE.

MATCHLINE - STA 167+00

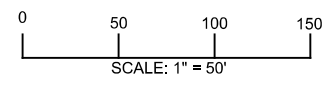
MATCHLINE - STA 181+00

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

7401
 1/2 IP W/CAP SET FOR CP 7401
 51.78' LT., STA. 2433+07.99
 ELEV=619.14

BM8
 DEL POST 52.41' RT., STA. 2438+23.68
 ELEV=614.74



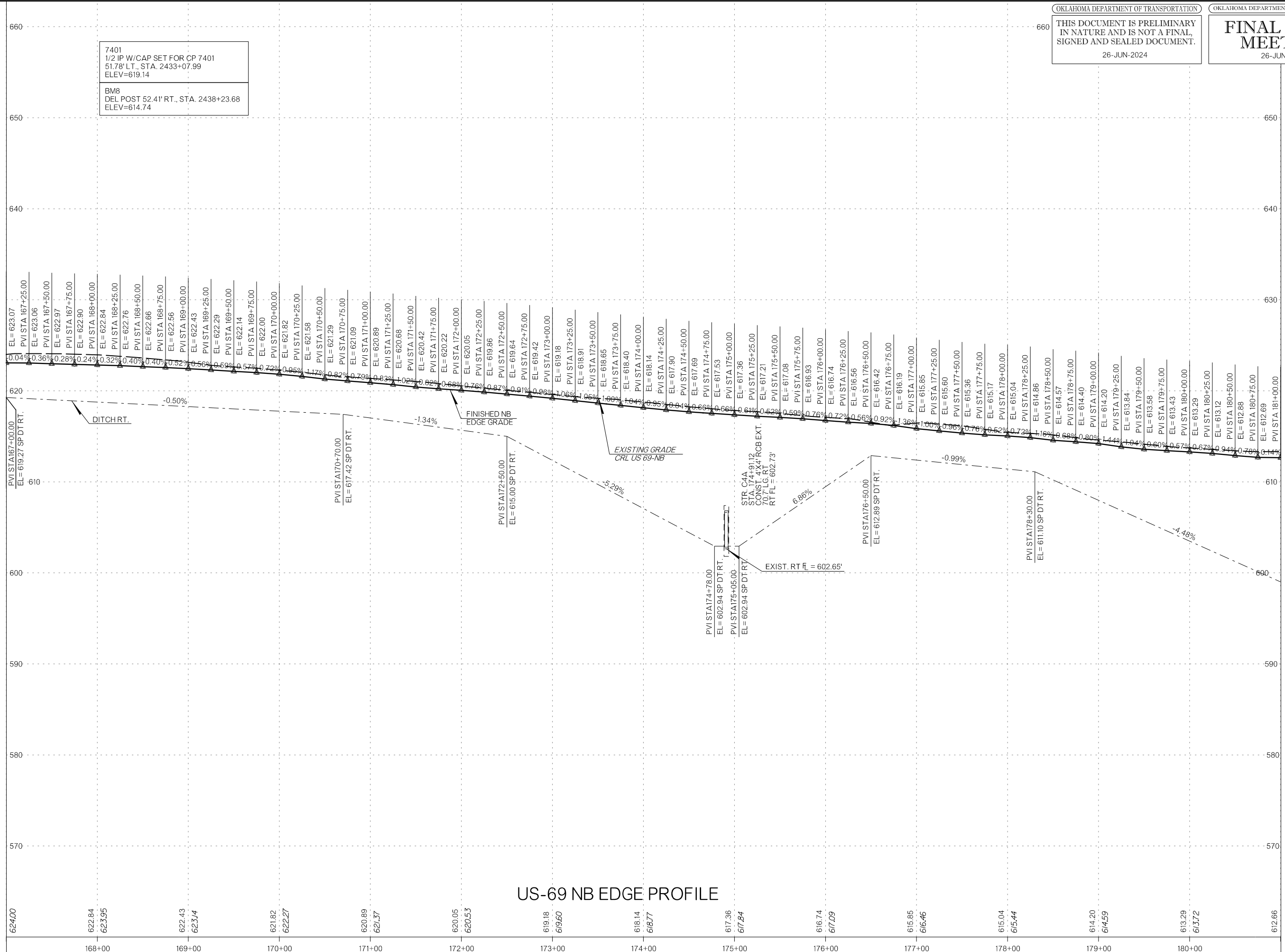
DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	R064

PLAN SHEET

PLOT DATE: 26-JUN-2024 09:56 AM
 FILENAME: pw://pw-int.hntb.org/PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Plan1.dgn

MATCHLINE - STA 167+00

MATCHLINE - STA 181+00

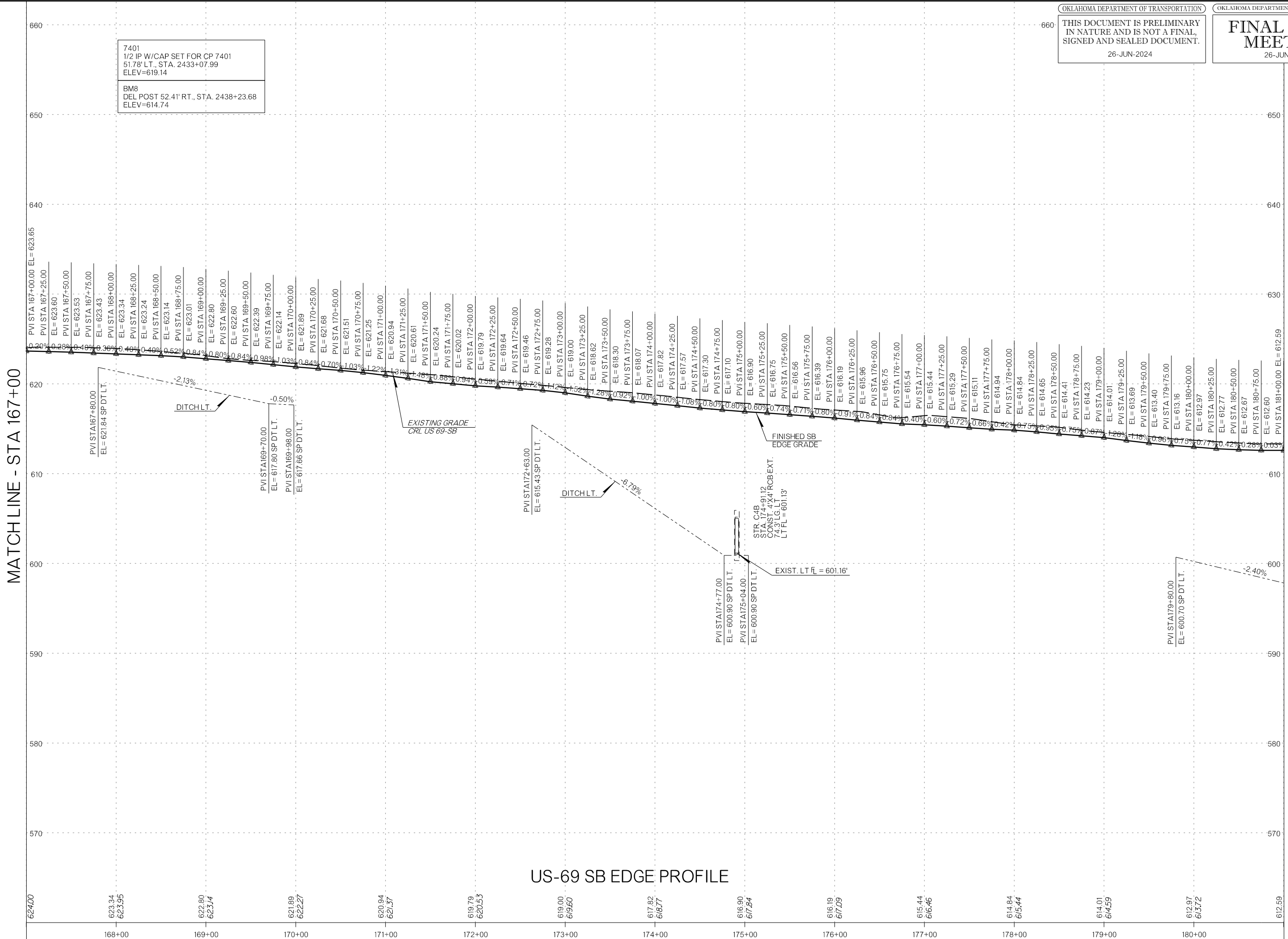


7401
 1/2 IP W/CAP SET FOR CP 7401
 51.78' LT., STA. 2433+07.99
 ELEV=619.14

 BM8
 DEL POST 52.41' RT., STA. 2438+23.68
 ELEV=614.74

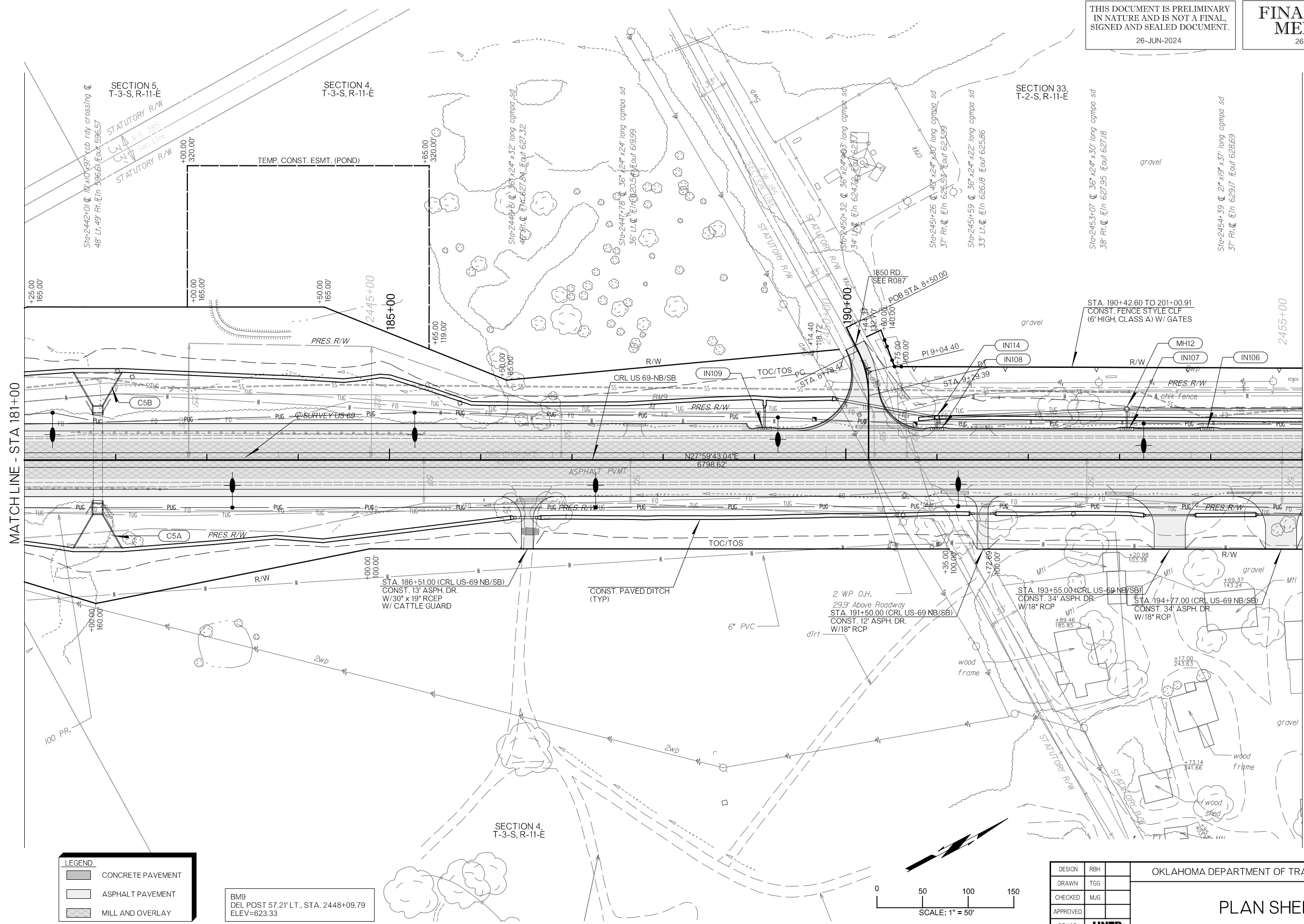
US-69 NB EDGE PROFILE

MATCHLINE - STA 167+00



MATCHLINE - STA 181+00

US-69 SB EDGE PROFILE



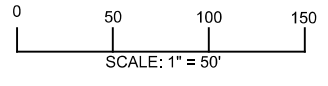
MATCHLINE - STA 181+00

MATCHLINE - STA 195+00

LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

BM9
 DEL POST 57.21' LT., STA. 2448+09.79
 ELEV=623.33

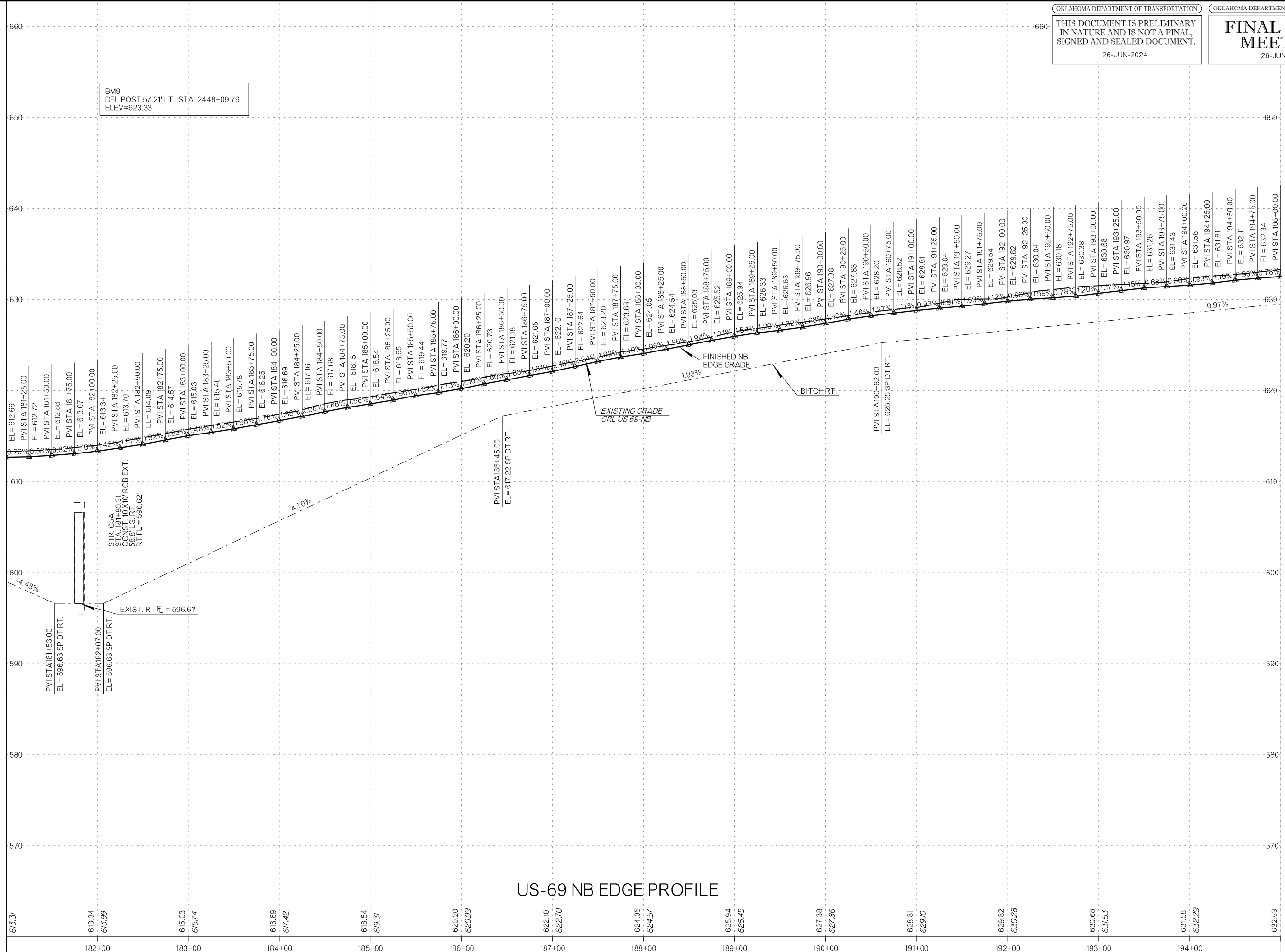


DESIGN	RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION				
DRAWN	TGG		PLAN SHEET				
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	3041004	SHEET NO	R067

PLOT DATE: 26-JUN-2024 09:56 AM
 FILENAME: pw:\pw-int.hntb.org\Projects\77746 US 69 through Tushka\Production\Roadway\3041004-Plan1.dgn

MATCHLINE - STA 181+00

MATCHLINE - STA 195+00



BM9
 DEL POST 57.21' LT., STA. 2448+09.79
 ELEV=623.33

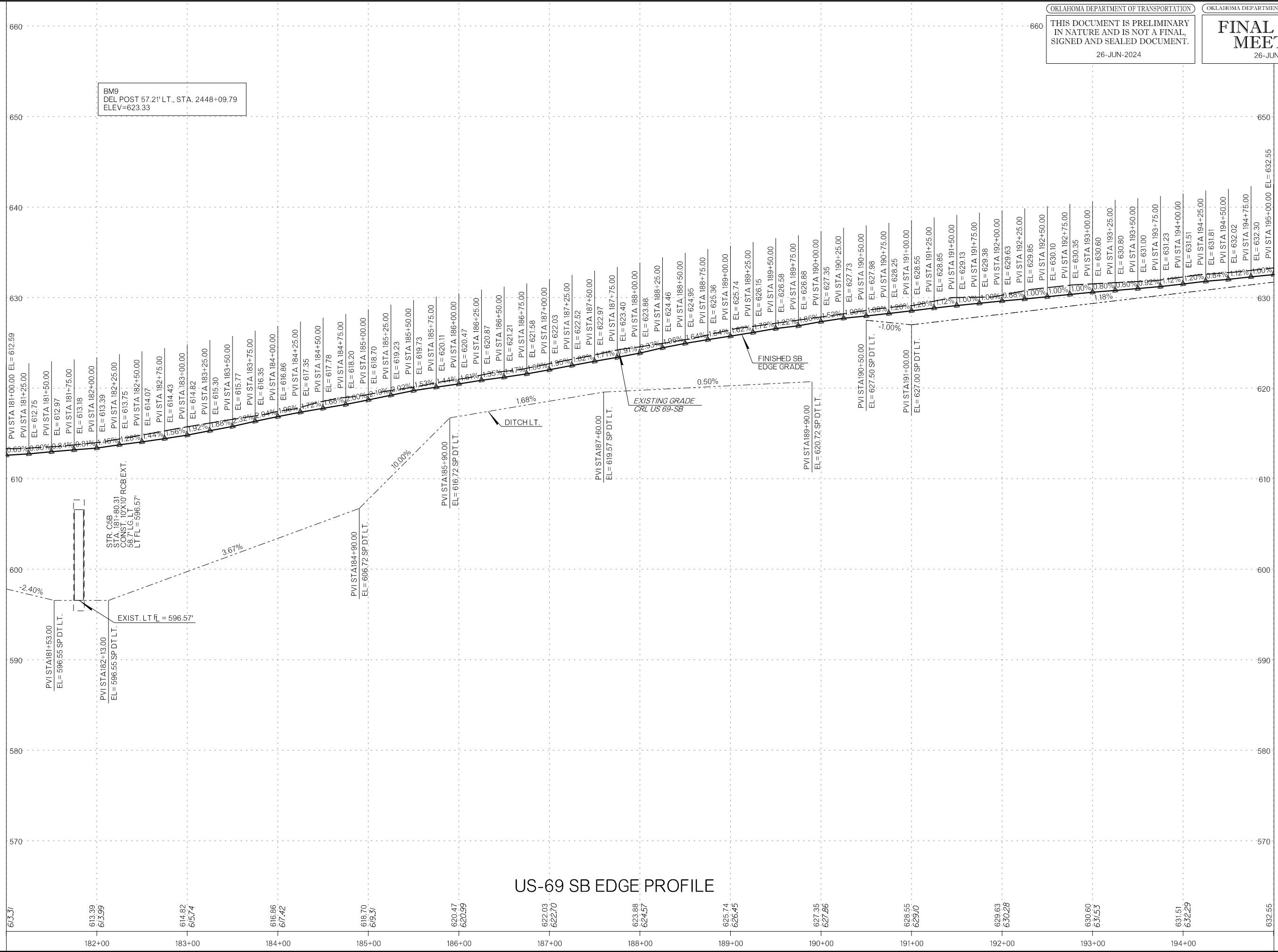
STR. C5A
 STA 181+60.31
 STA 181+10' RCB EXT.
 56.8' LG. RT
 RT FL = 596.62'

EXIST. RT FL = 596.61'

US-69 NB EDGE PROFILE

MATCHLINE - STA 181+00

MATCHLINE - STA 195+00



US-69 SB EDGE PROFILE

SECTION 33,
 T-2-S, R-11-E

SECTION 33,
 T-2-S, R-11-E

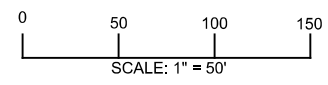
MATCH LINE - STA 195+00

MATCH LINE - STA 209+00

LEGEND

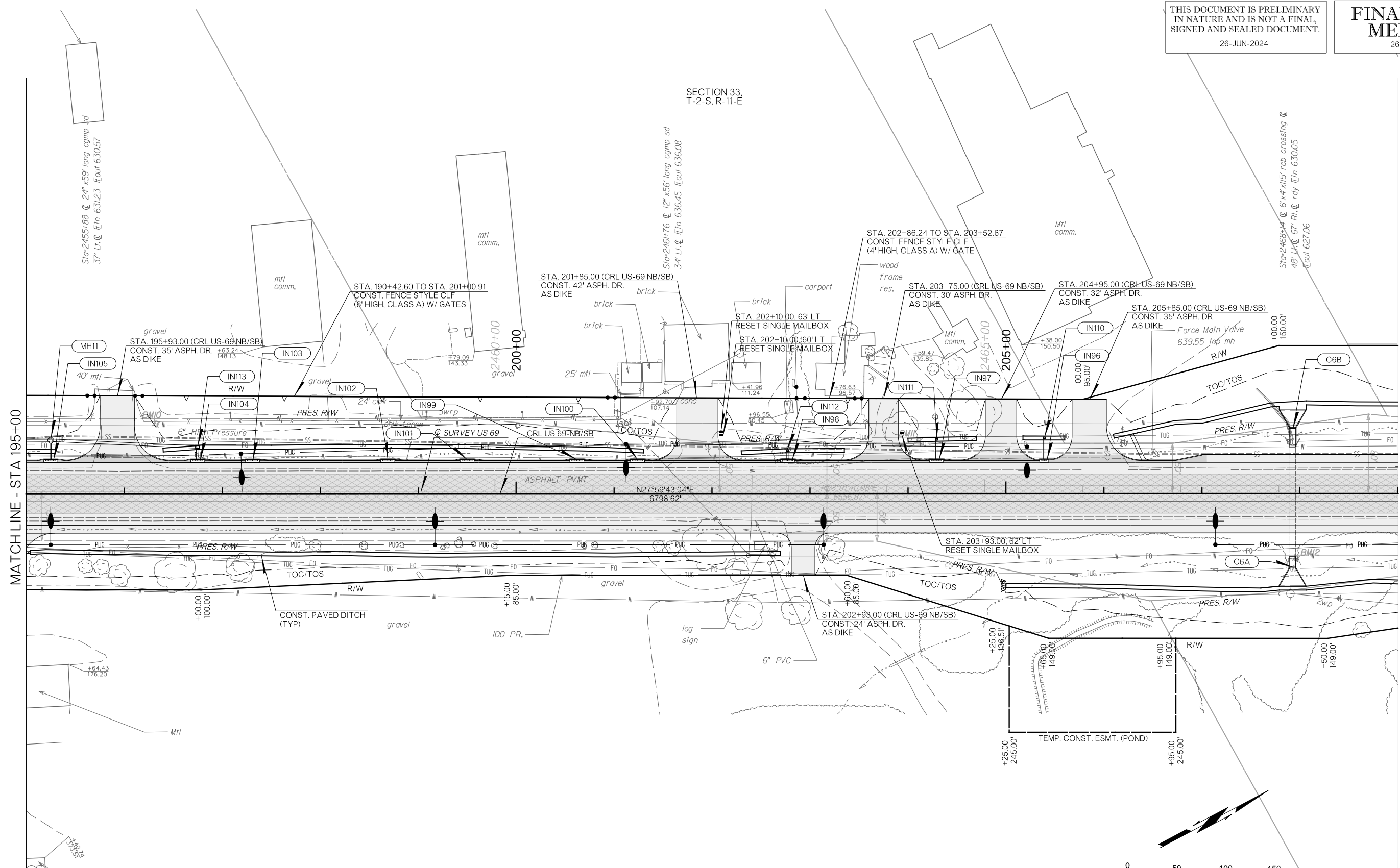
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

BM10 DEL POST 69.88' LT., STA. 2456+54.24 ELEV=638.14
BM11 DEL POST 53.00' LT., STA. 2464+32.19 ELEV=640.85
BM12 BRASS CAP IN NE HEADWALL 67.28' RT., STA. 2468+17.67 ELEV=632.84



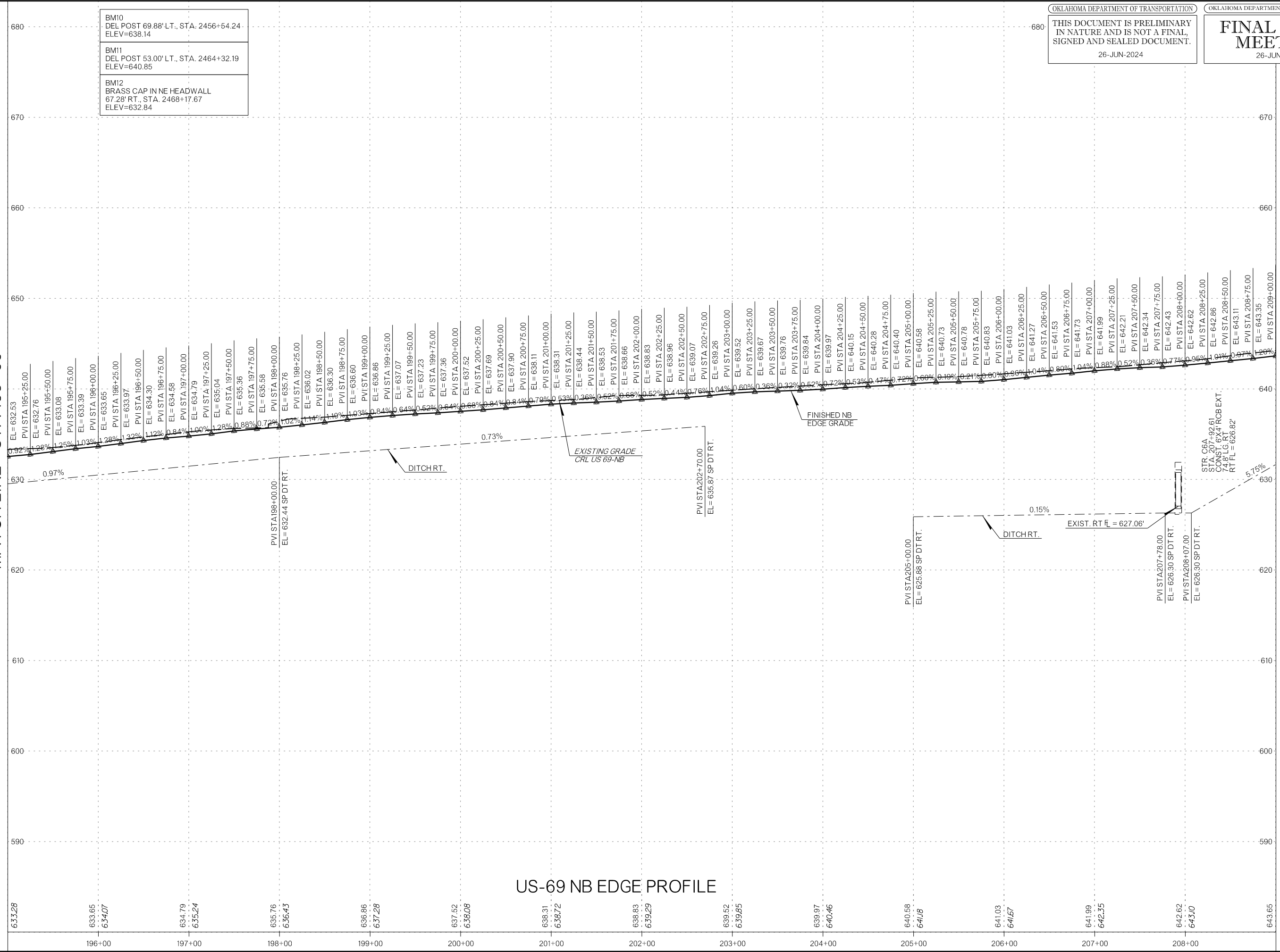
DESIGN		RBH		OKLAHOMA DEPARTMENT OF TRANSPORTATION	
DRAWN		TGG		PLAN SHEET	
CHECKED		MJG			
APPROVED					
SQUAD		HNTB			
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	3041004
			SHEET NO	R070	

PLOT DATE: 26-JUN-2024 09:56 AM
 FILENAME: p:\p\int\hntb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\3041004-Plan1.dgn



MATCHLINE - STA 195+00

MATCHLINE - STA 209+00

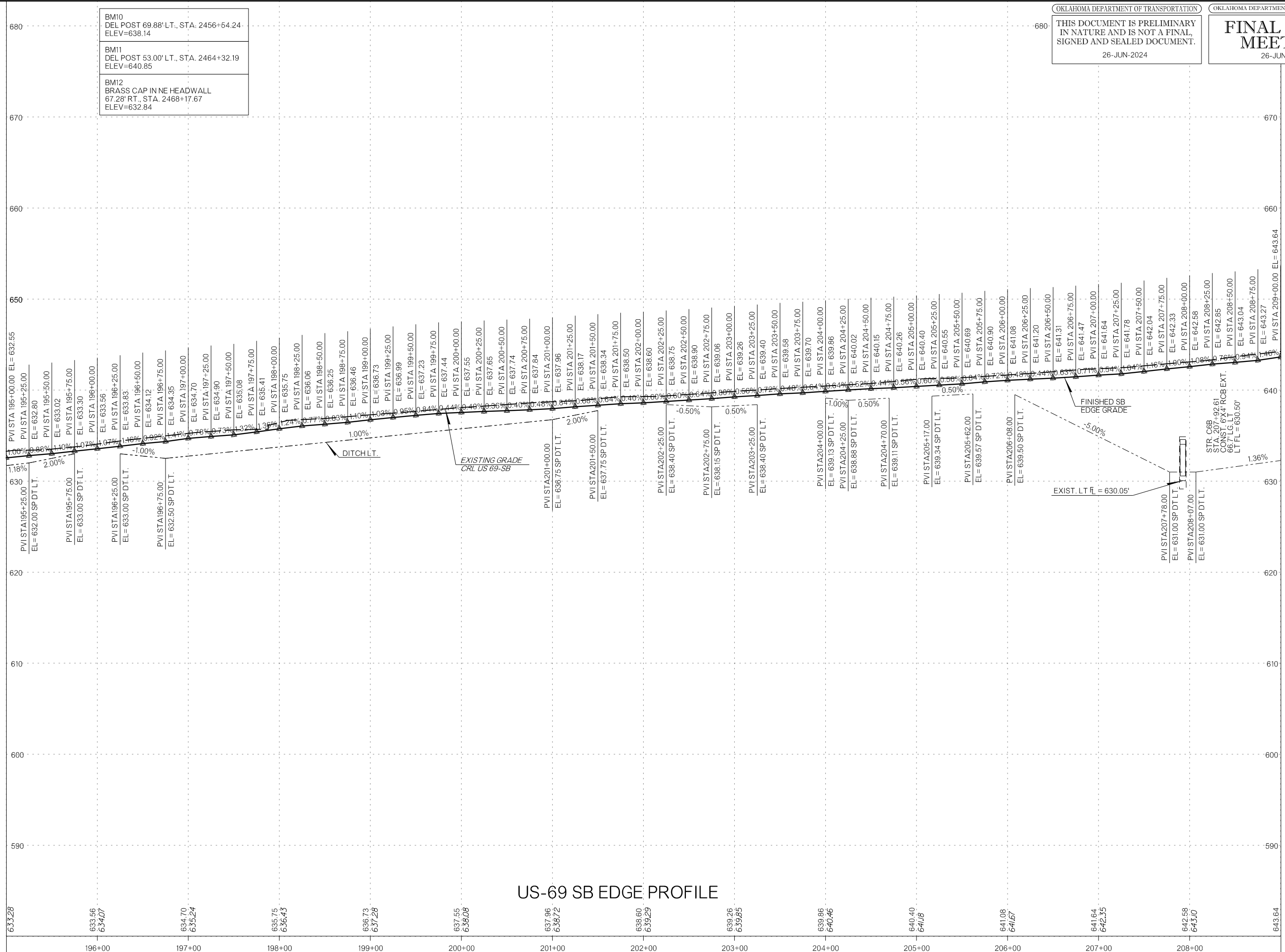


US-69 NB EDGE PROFILE

MATCHLINE - STA 195+00

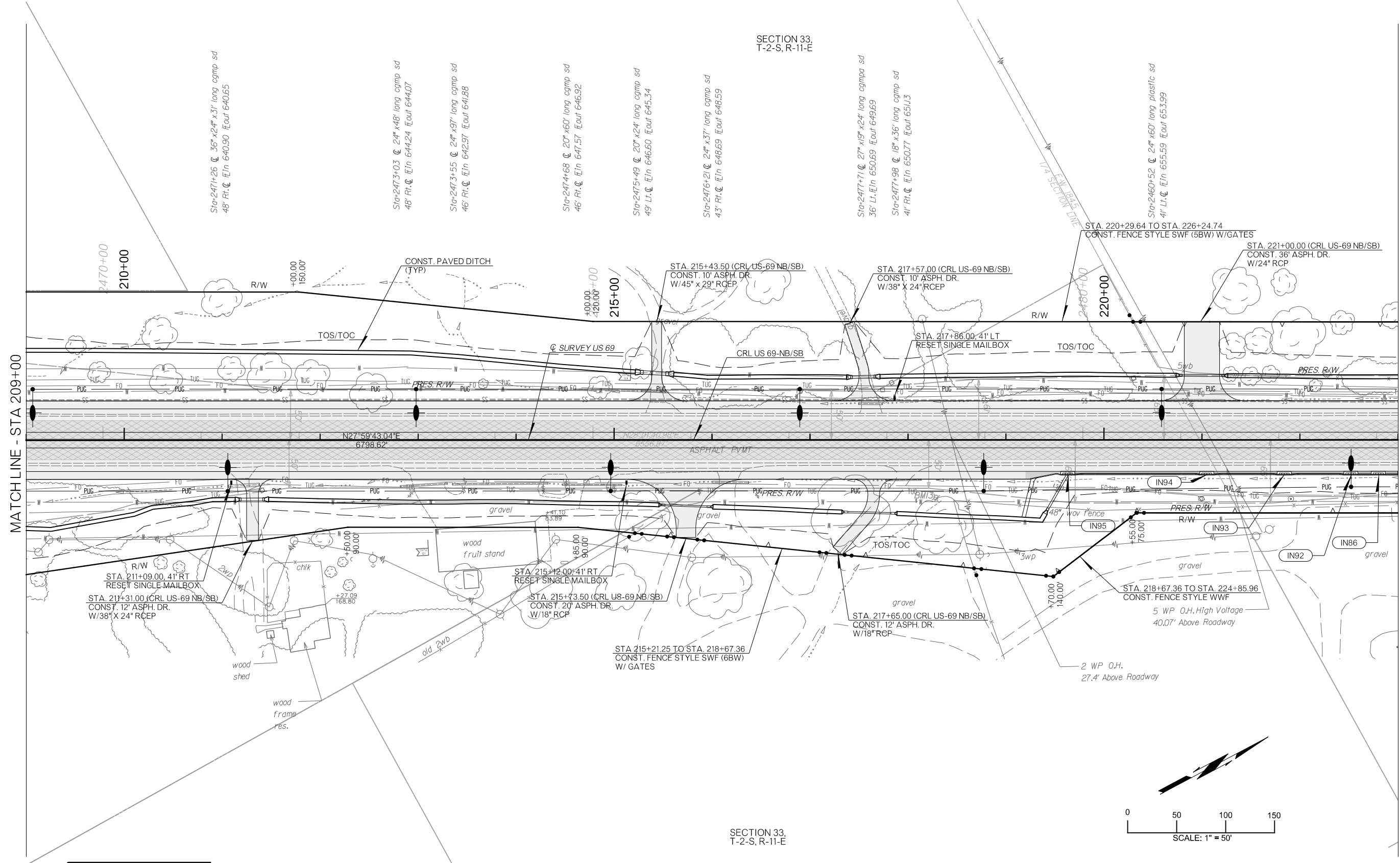
US-69 SB EDGE PROFILE

MATCHLINE - STA 209+00



SECTION 33,
 T-2-S, R-11-E

SECTION 33,
 T-2-S, R-11-E



MATCH LINE - STA 209+00

MATCH LINE - STA 223+00

LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

BM13
 DEL POST 59.49' RT., STA. 2478+50.12
 ELEV=653.51

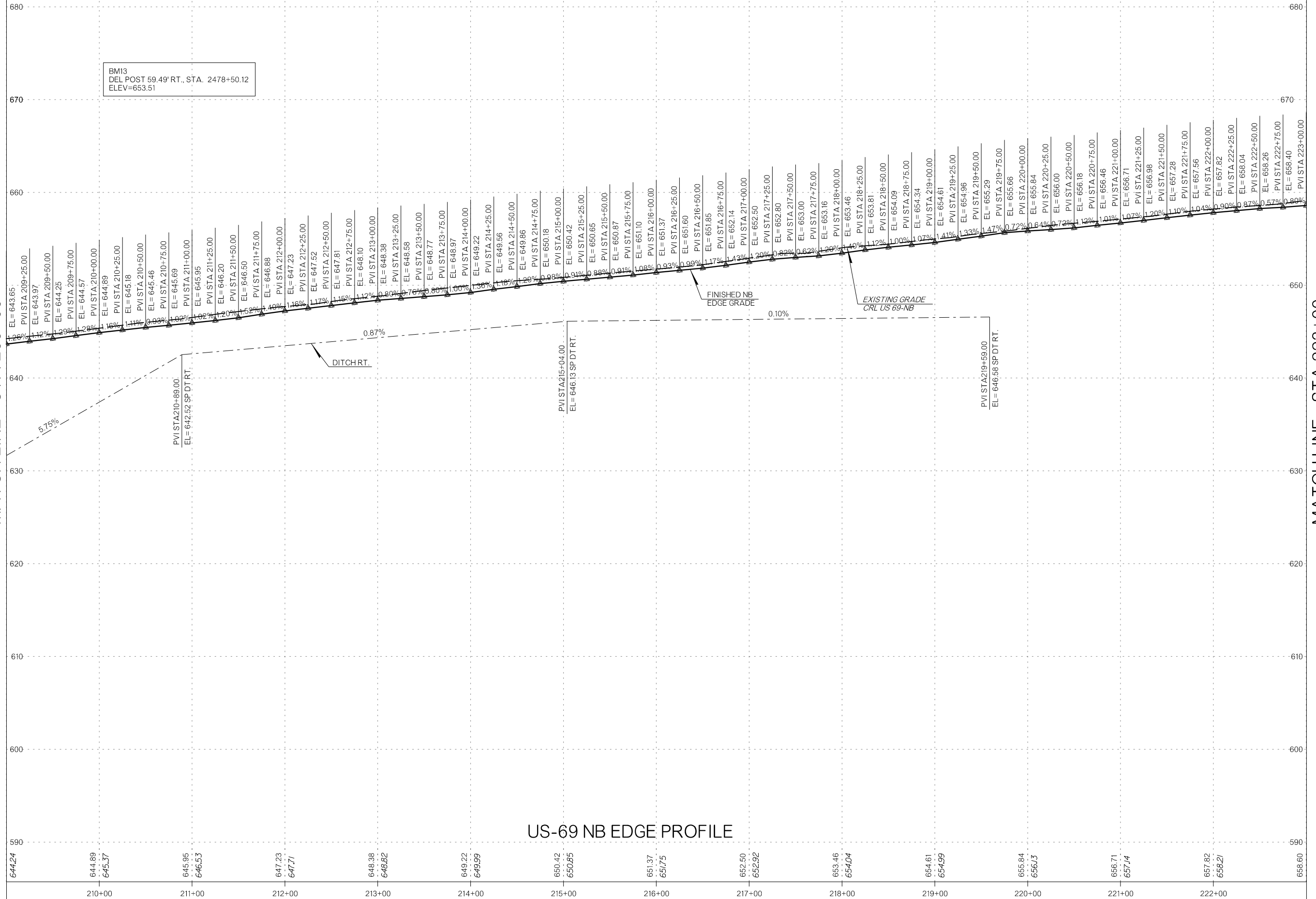
DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION					
DRAWN	TGG						
CHECKED	MJG						
APPROVED							
SQUAD	HNTB						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	3041004	SHEET NO	R073

PLAN SHEET

PLOT DATE: 26-JUN-2024 09:56 AM
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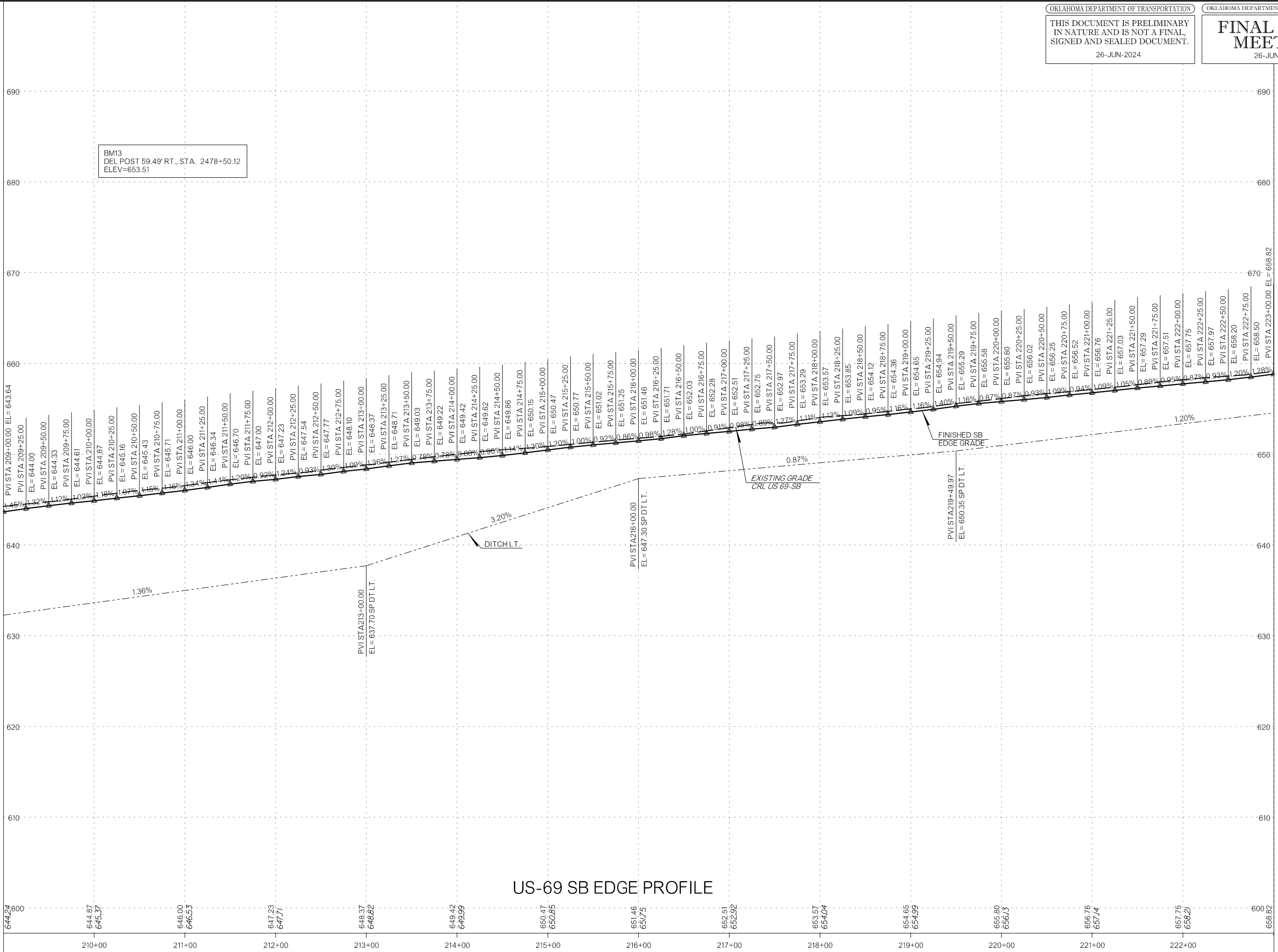
MATCHLINE - STA 209+00

MATCHLINE - STA 223+00



MATCHLINE - STA 209+00

644.24

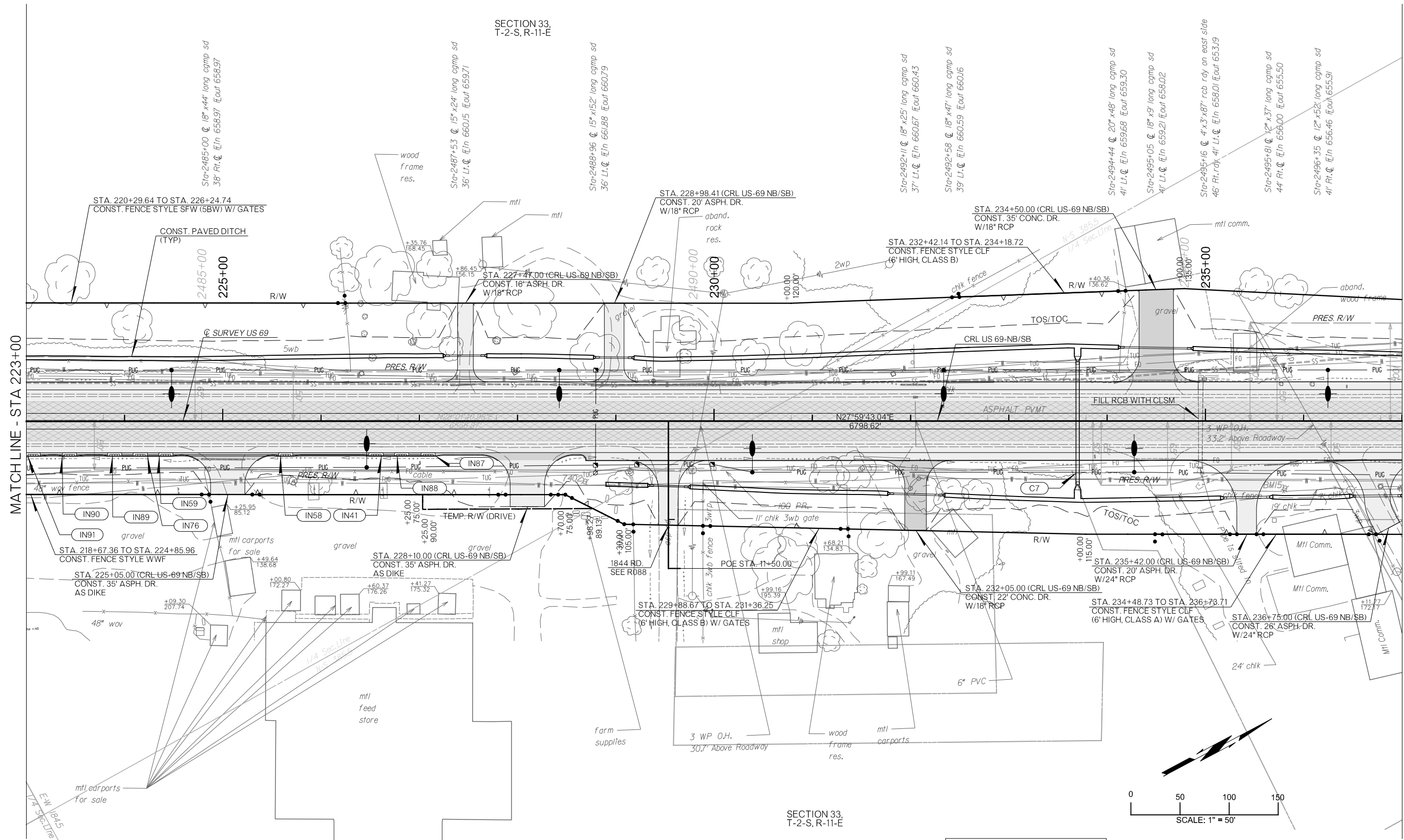


MATCHLINE - STA 223+00

658.82

SECTION 33,
T-2-S, R-11-E

SECTION 33,
T-2-S, R-11-E



PLOT DATE: 26-JUN-2024 09:56 AM
FILENAME: p:\jpw-int.hntb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410(04)-Plan1.dgn

LEGEND

[Hatched Box]	CONCRETE PAVEMENT
[Stippled Box]	ASPHALT PAVEMENT
[Cross-hatched Box]	MILL AND OVERLAY

7402
1/2 IP W/CAP SET FOR CP 7402
61.71' RT., STA. 2488+89.90
ELEV=663.94
BM15
DEL POST 68.04' RT., STA. 2496+02.81
ELEV=658.43

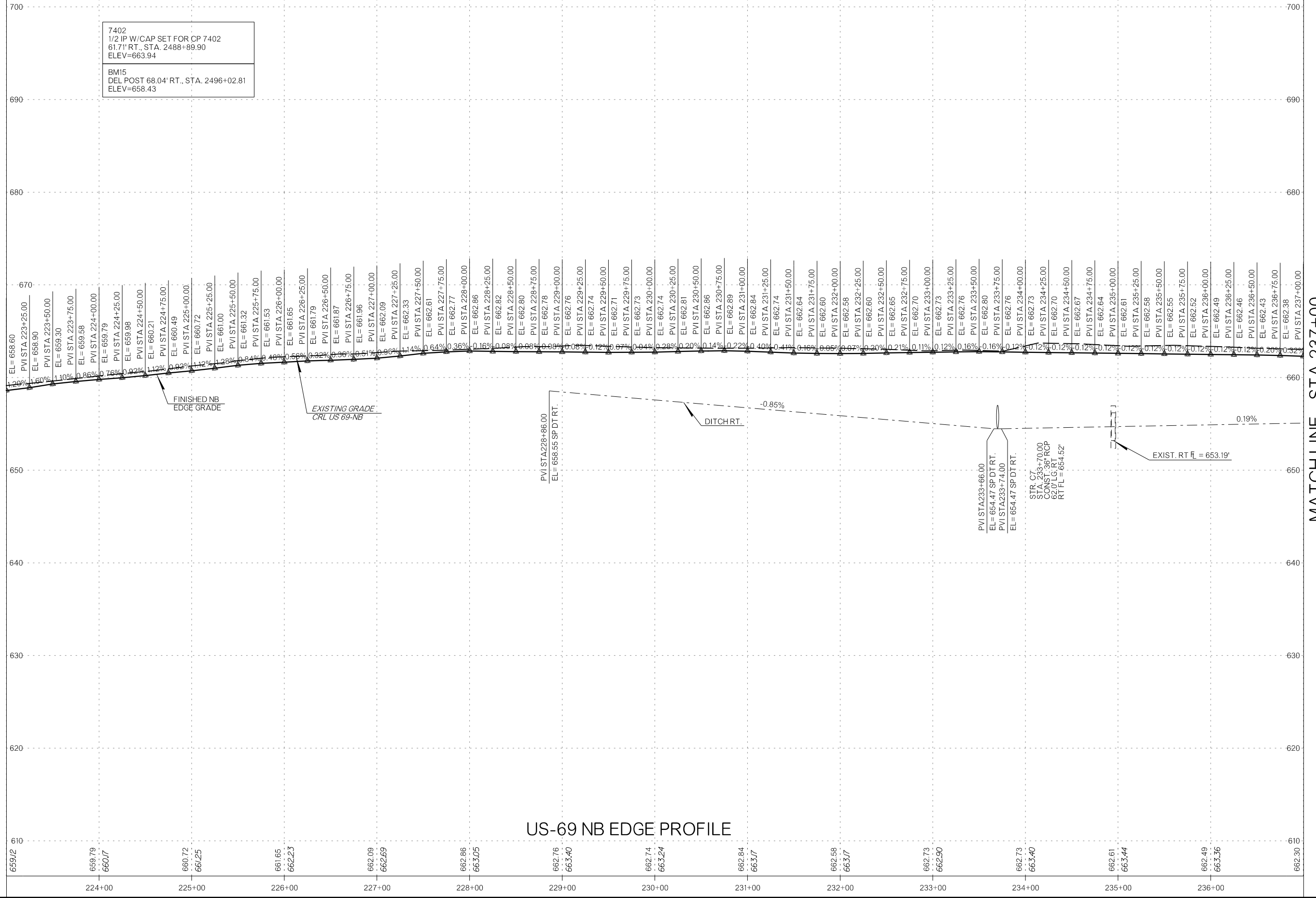
DESIGN	RBH
DRAWN	TGG
CHECKED	MJG
APPROVED	
SQUAD	HNTB

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
PLAN SHEET	
COUNTY	ATOKA
HIGHWAY	US 69
STATE JOB NO	30410(04)
SHEET NO	R076

PLOT DATE: 26-JUN-2024 09:56 AM
FILENAME: p:\pw-int\hnb.org\pww\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Profiles 1.dgn

MATCHLINE - STA 223+00

MATCHLINE - STA 237+00



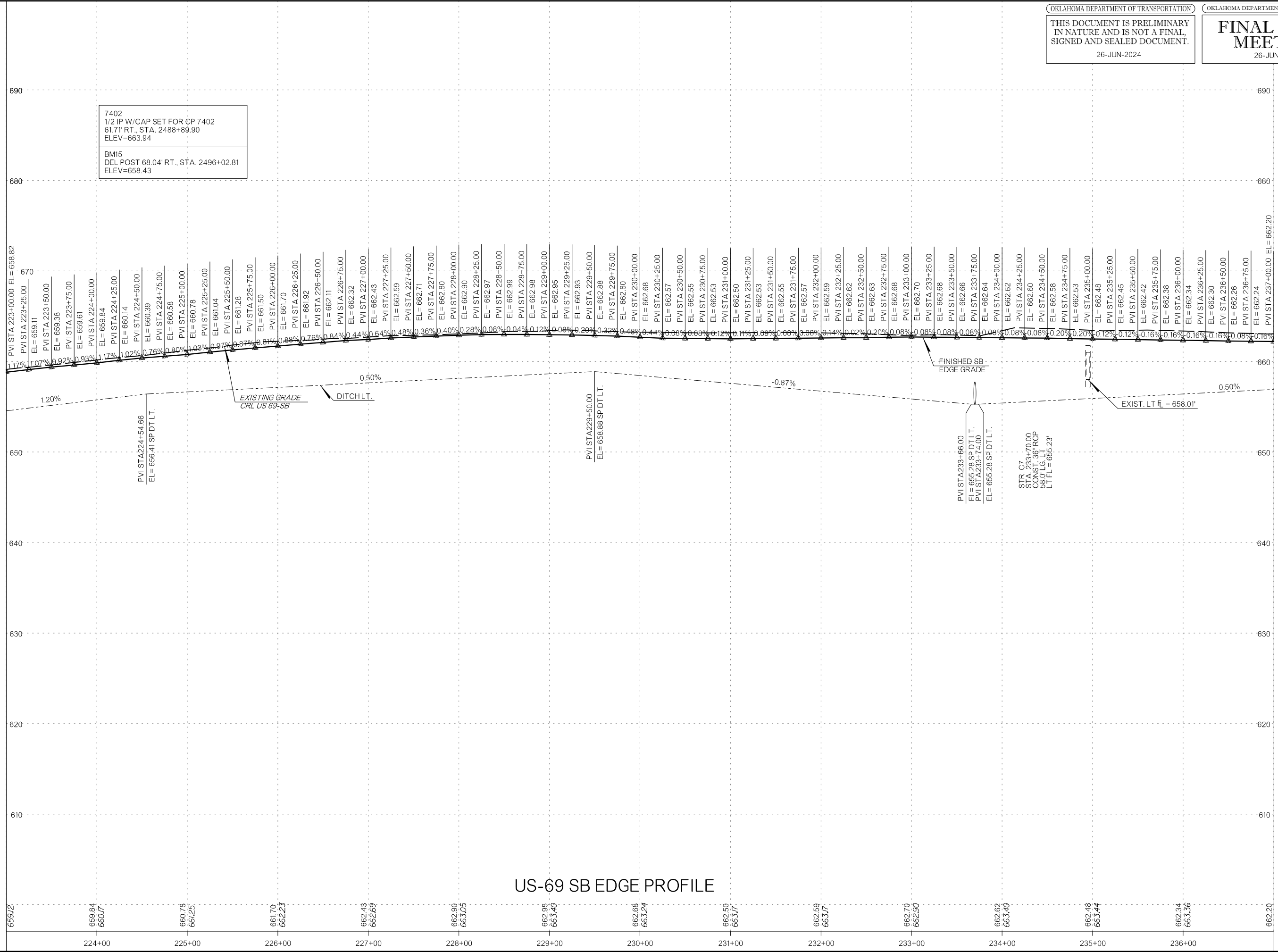
7402
1/2 IP W/CAP SET FOR CP 7402
61.71' RT., STA. 2488+89.90
ELEV=663.94

BM15
DEL POST 68.04' RT., STA. 2496+02.81
ELEV=658.43

US-69 NB EDGE PROFILE

MATCHLINE - STA 223+00

MATCHLINE - STA 237+00

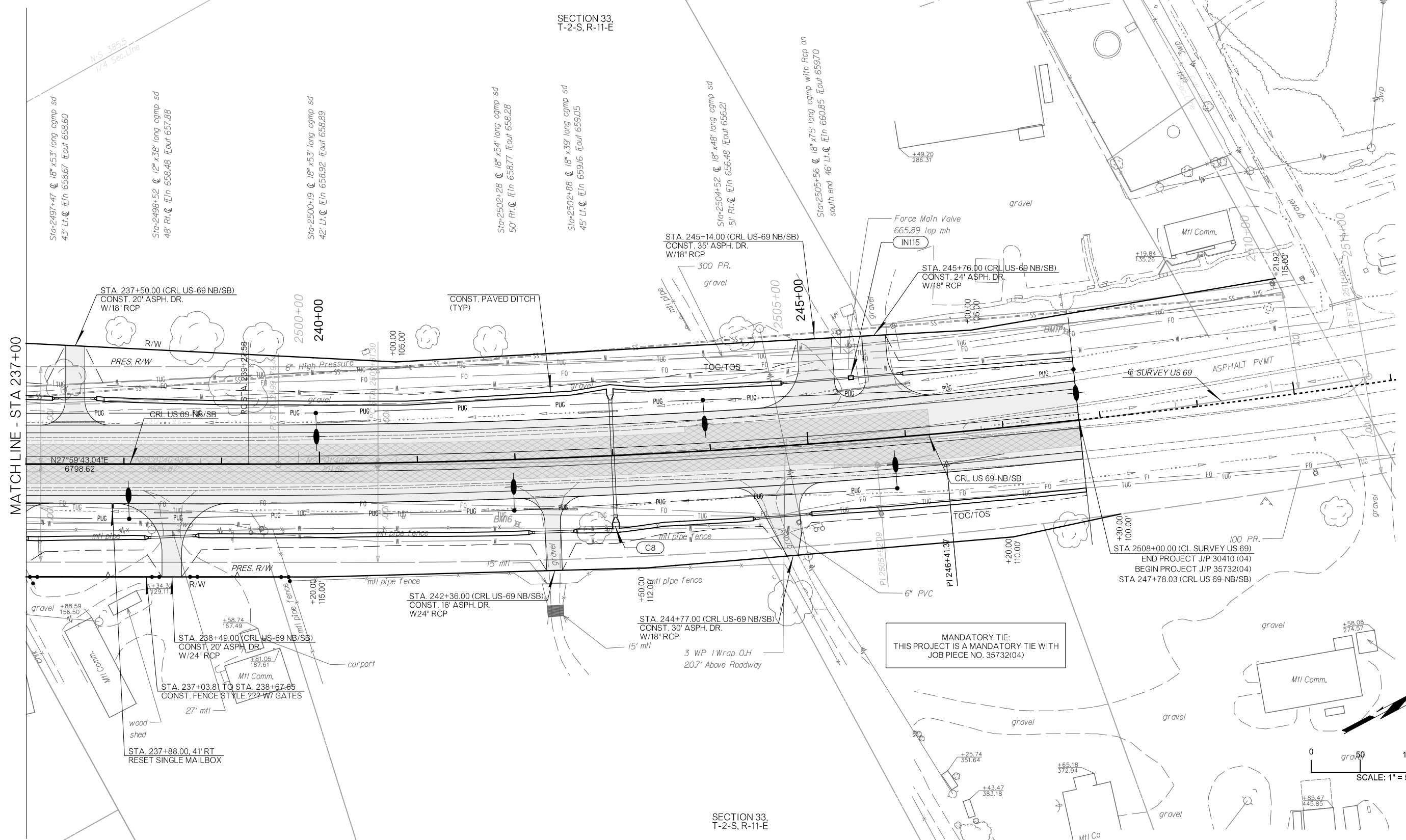


US-69 SB EDGE PROFILE

SECTION 33,
 T-2-S, R-11-E

SECTION 33,
 T-2-S, R-11-E

MATCHLINE - STA 237+00

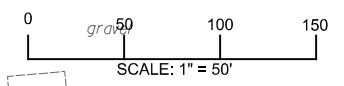


LEGEND

	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY

MANDATORY TIE:
 THIS PROJECT IS A MANDATORY TIE WITH
 JOB PIECE NO. 35732(04)

BM16 DEL POST 65.98' RT., STA. 2502+21.10 ELEV=658.66
BM17 DEL POST 92.18' LT., STA. 2507+98.81 ELEV=663.99

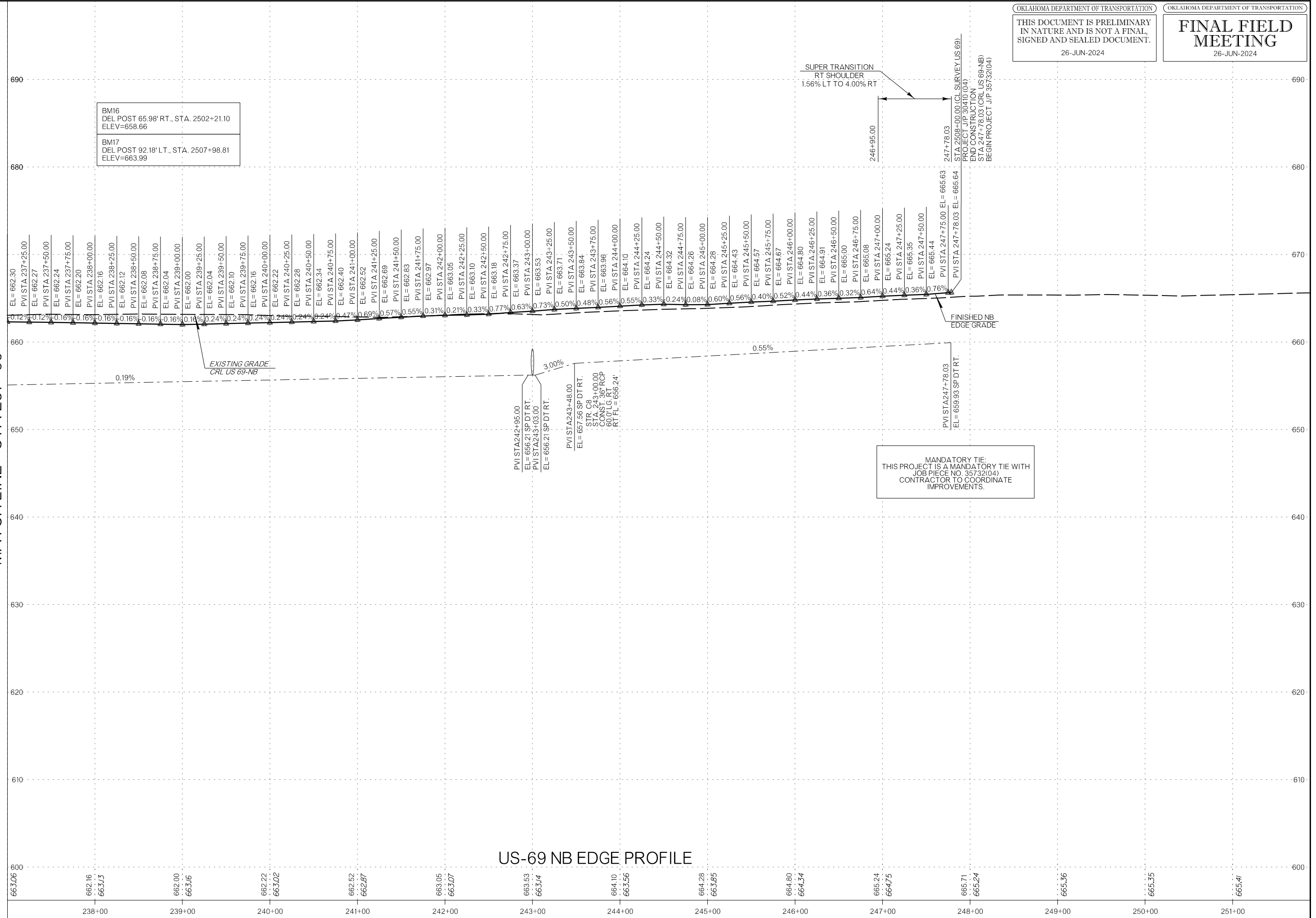


DESIGN	RBH	OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	TGG	
CHECKED	MJG	
APPROVED		
SQUAD	HNTB	
COUNTY		ATOKA
HIGHWAY		US 69
STATE JOB NO		30410(04)
SHEET NO		R079

PLAN SHEET

PLOT DATE: 26-JUN-2024 09:57 AM
 FILENAME: pw://pw-int.hntb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Plan1.dgn

MATCHLINE - STA 237+00



BM16
 DEL POST 65.98' RT., STA. 2502+21.10
 ELEV=658.66

BM17
 DEL POST 92.18' LT., STA. 2507+98.81
 ELEV=663.99

SUPER TRANSITION
 RT SHOULDER
 1.56% LT TO 4.00% RT

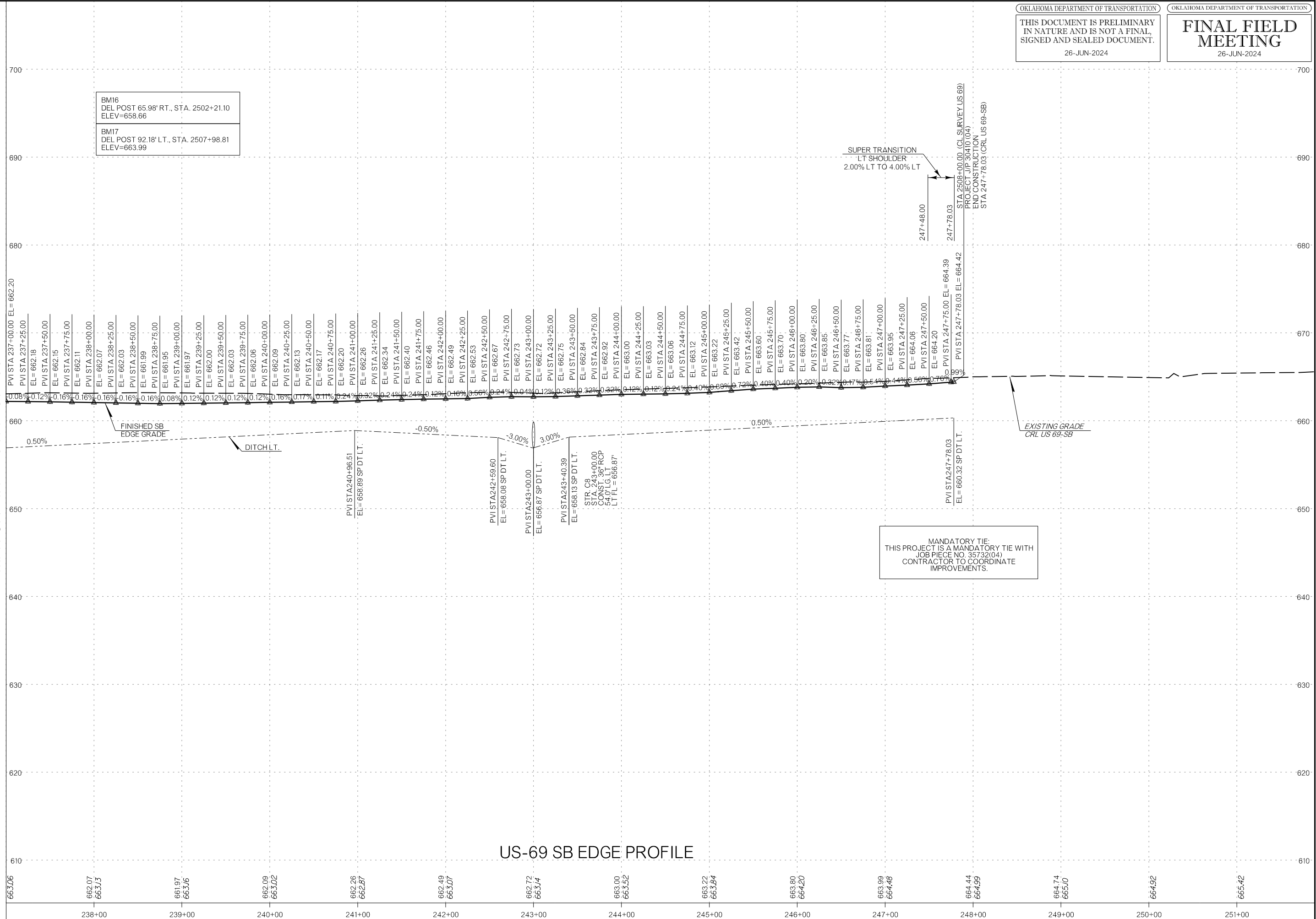
FINISHED NB
 EDGE GRADE

MANDATORY TIE:
 THIS PROJECT IS A MANDATORY TIE WITH
 JOB PIECE NO. 35732(04)
 CONTRACTOR TO COORDINATE
 IMPROVEMENTS.

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 THIS DOCUMENT IS PRELIMINARY
 IN NATURE AND IS NOT A FINAL,
 SIGNED AND SEALED DOCUMENT.
 26-JUN-2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
 MEETING**
 26-JUN-2024

MATCHLINE - STA 237+00



BM16
 DEL POST 65.98' RT., STA. 2502+21.10
 ELEV=658.66

BM17
 DEL POST 92.18' LT., STA. 2507+98.81
 ELEV=663.99

SUPER TRANSITION
 LT SHOULDER
 2.00% LT TO 4.00% LT




STA 2508+00.00 (C.I. SURVEY US 69)
 PROJECT JIP 30410(04)
 END CONSTRUCTION
 STA 247+78.03 (CRL US 69-SB)

EXISTING GRADE
 CRL US 69-SB

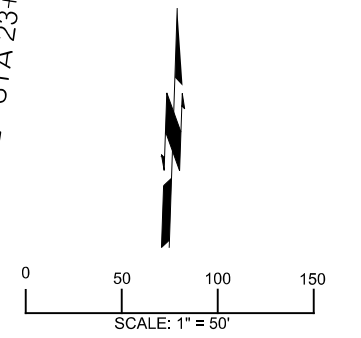
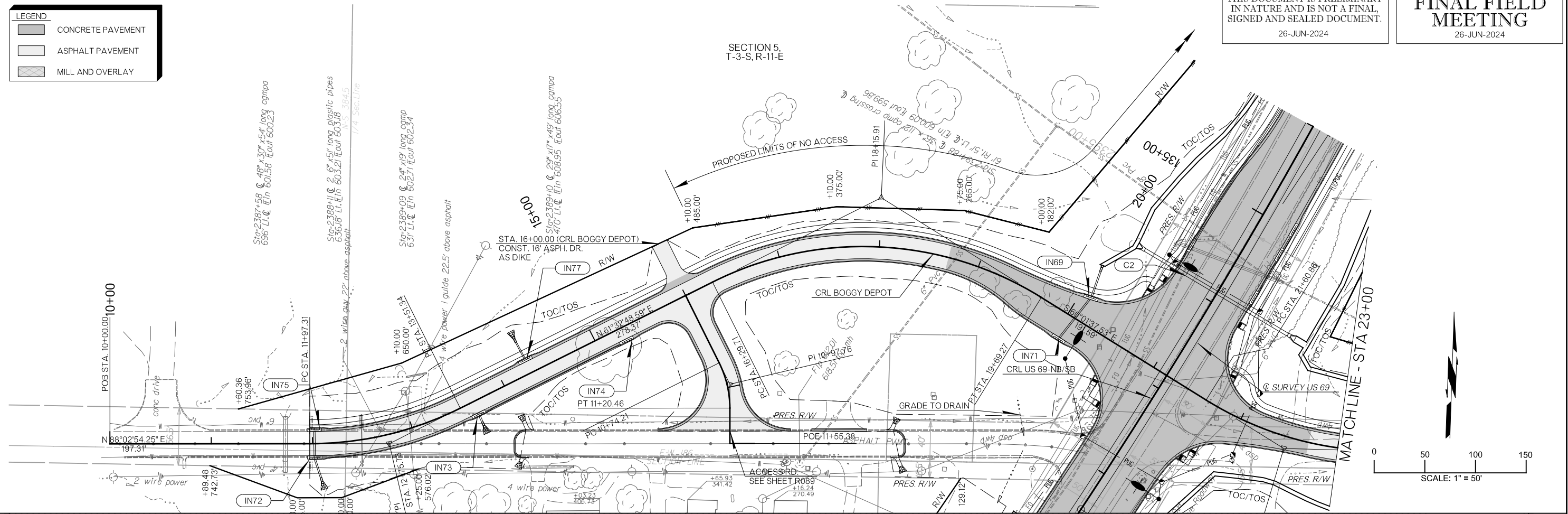
MANDATORY TIE:
 THIS PROJECT IS A MANDATORY TIE WITH
 JOB PIECE NO. 35732(04)
 CONTRACTOR TO COORDINATE
 IMPROVEMENTS.

US-69 SB EDGE PROFILE

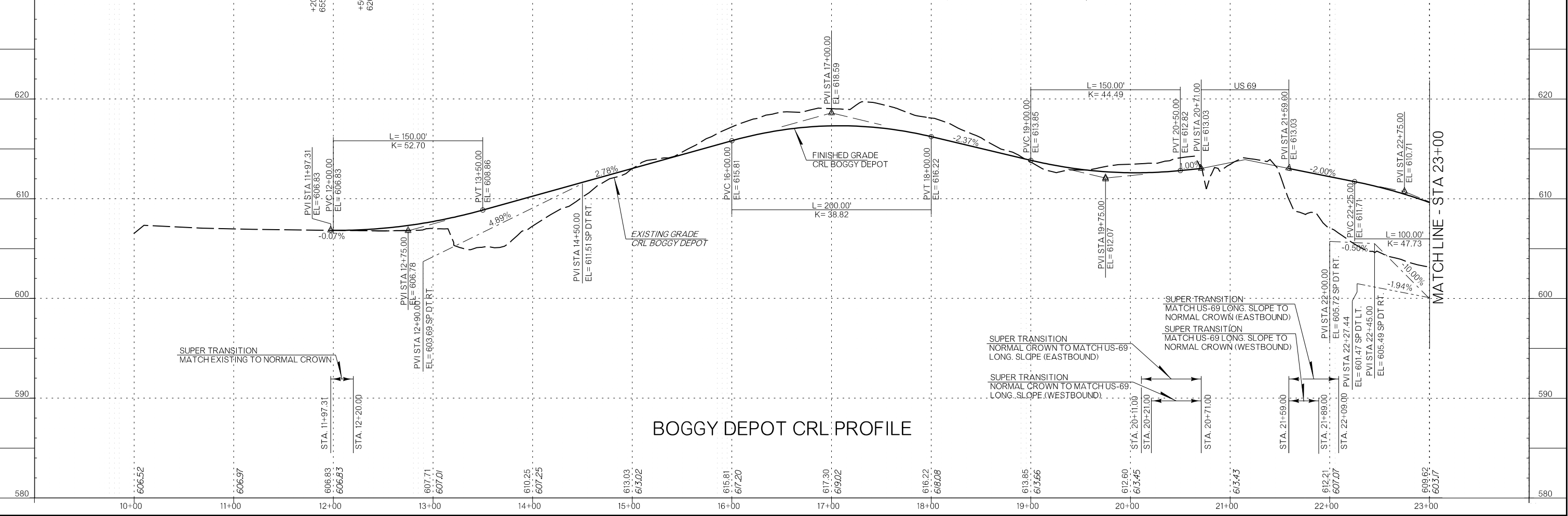
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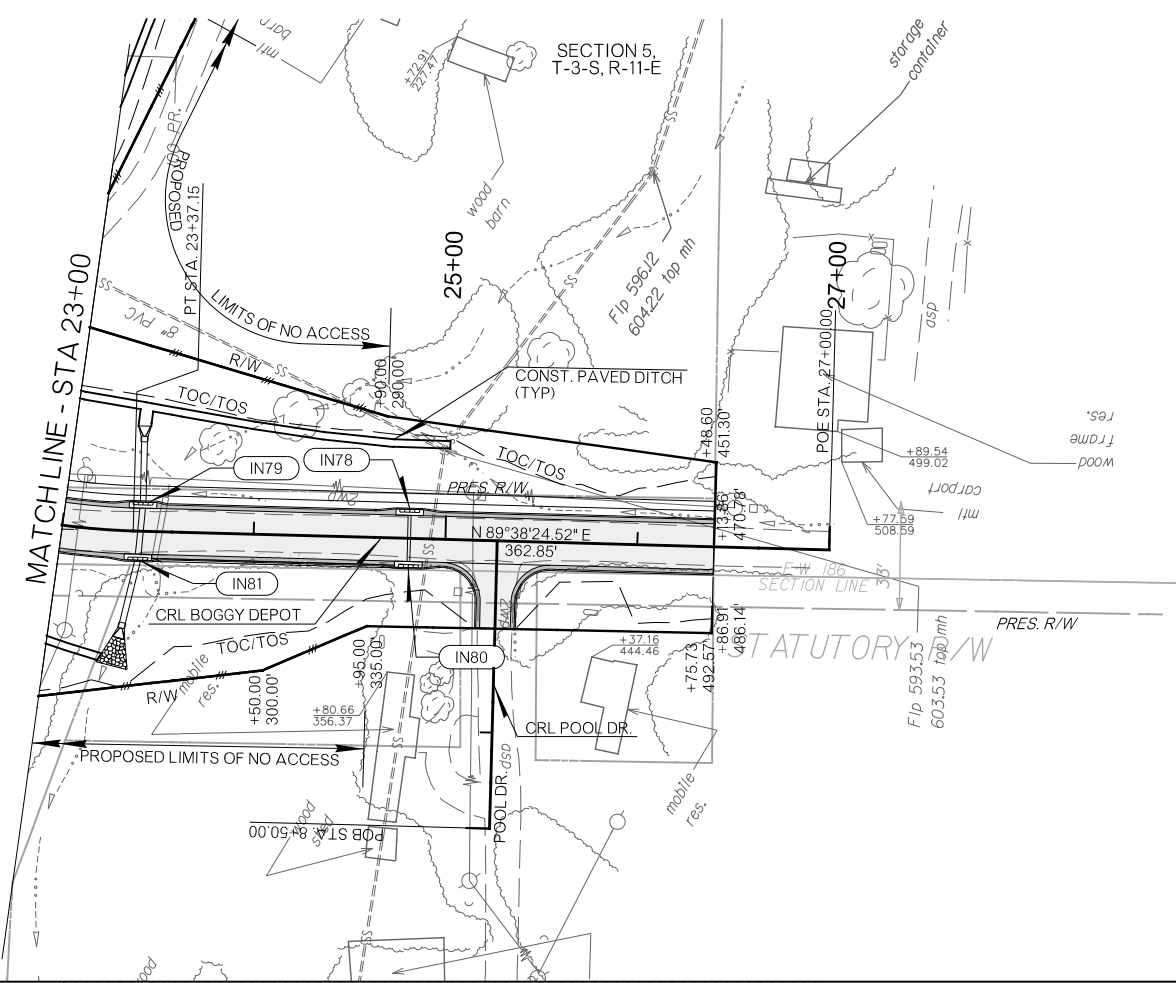
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-  ASPHALT PAVEMENT
-  MILL AND OVERLAY

SECTION 5,
T-3-S,R-11-E



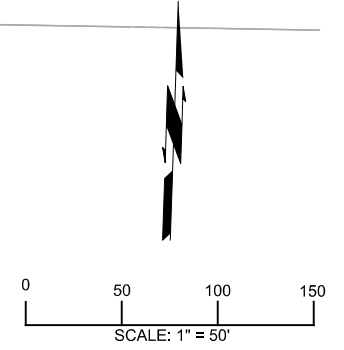
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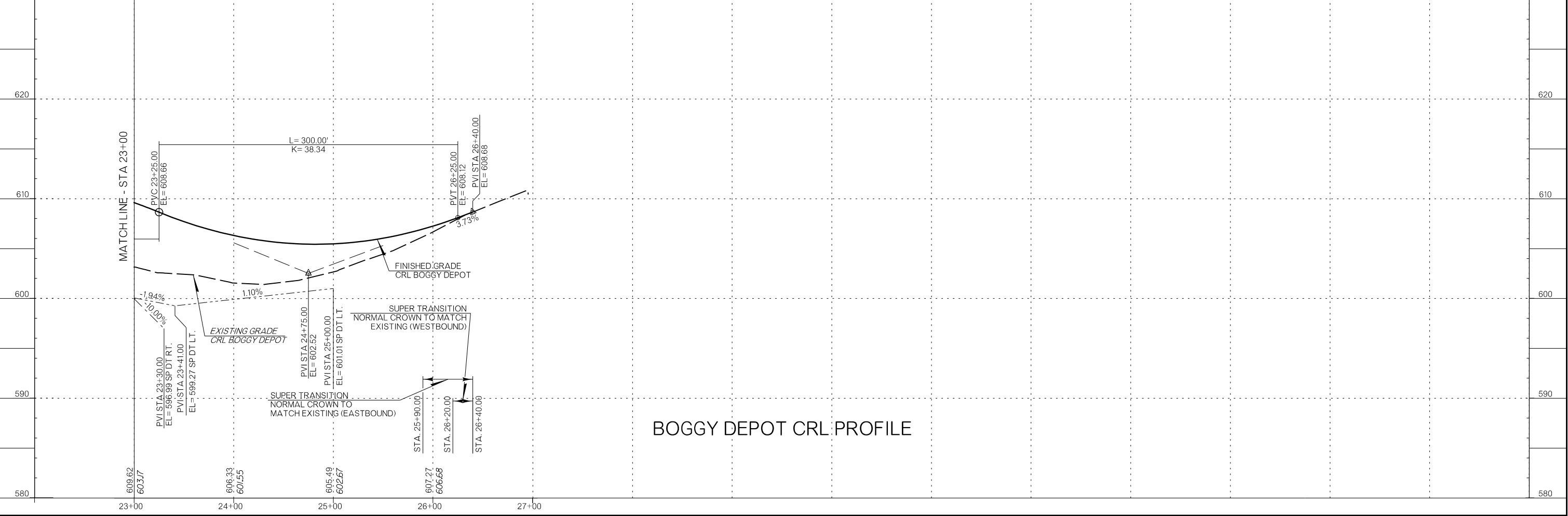


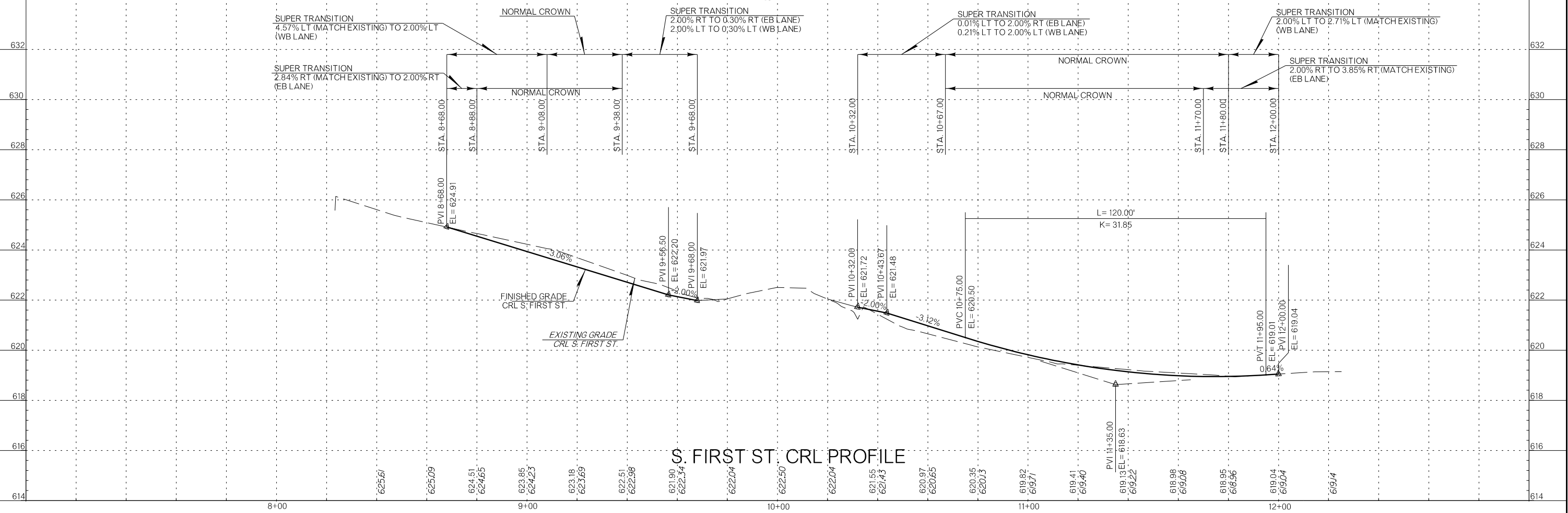
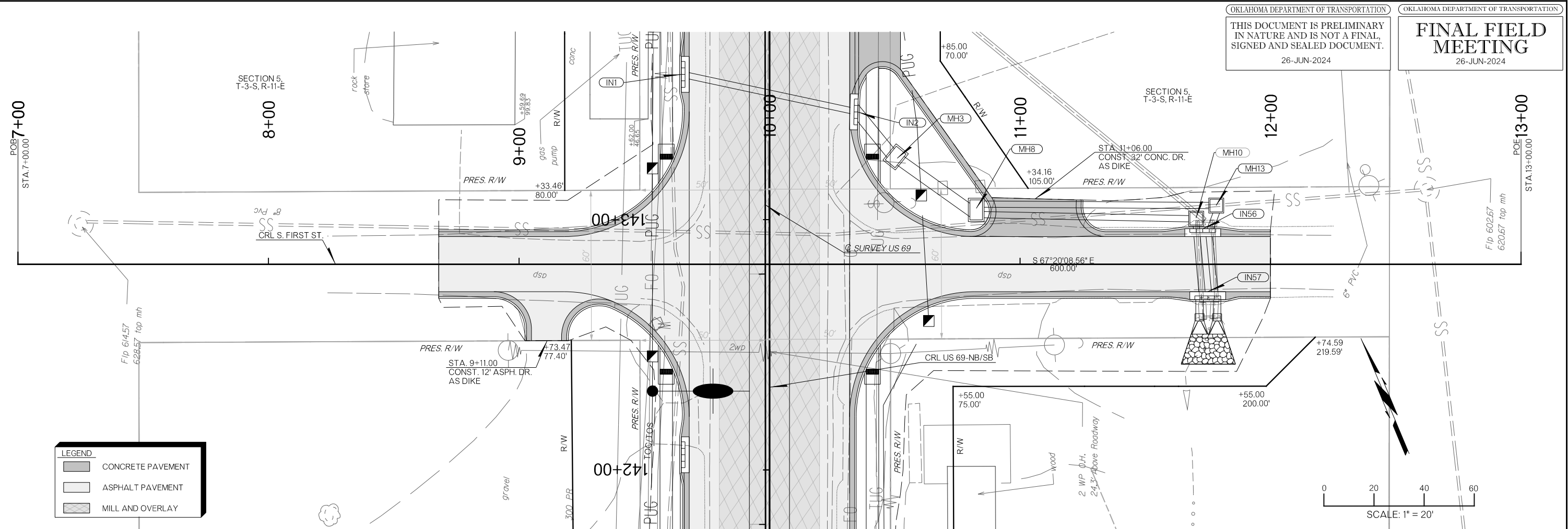
LEGEND

- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- MILL AND OVERLAY



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

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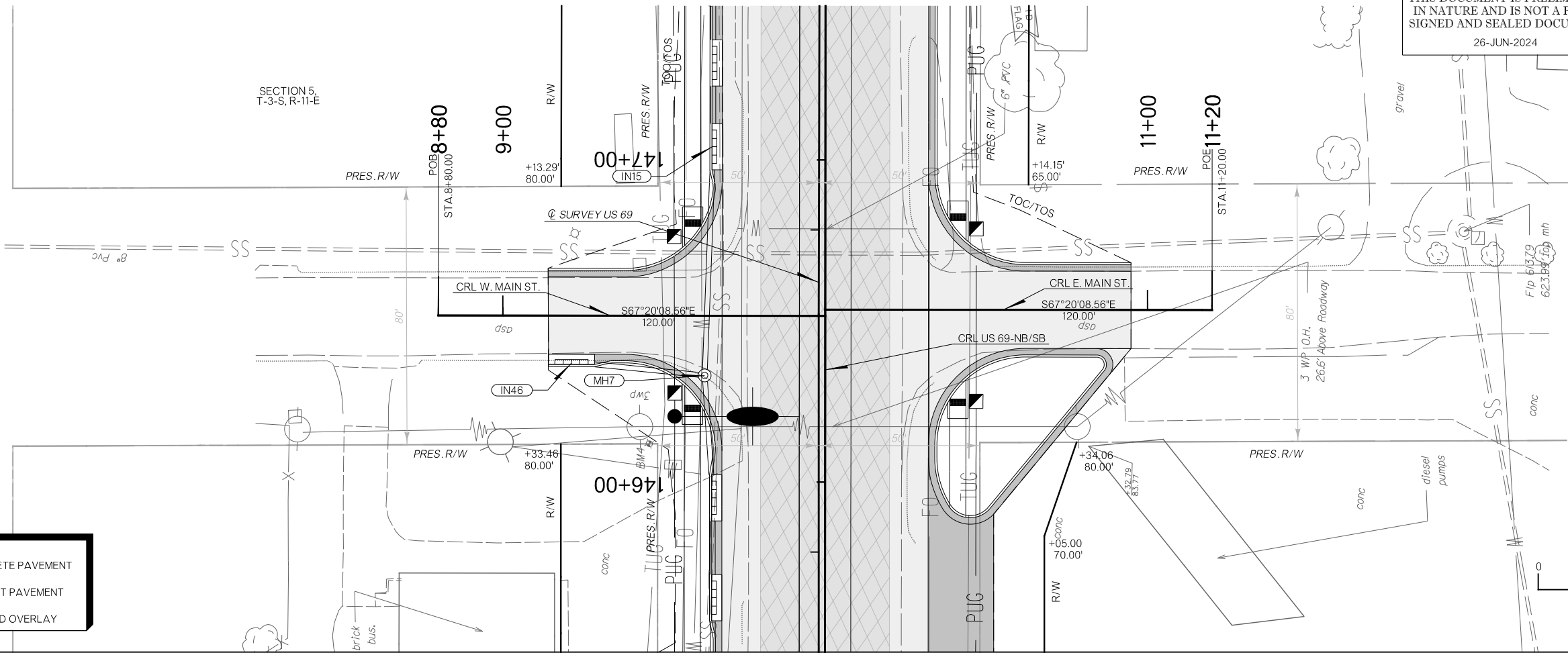
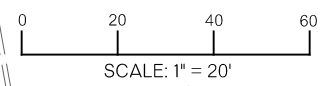
Flip 615.84
 6291/4 top mh

Flip 615.79
 6231/4 top mh

SECTION 5,
 T-3-S, R-11-E

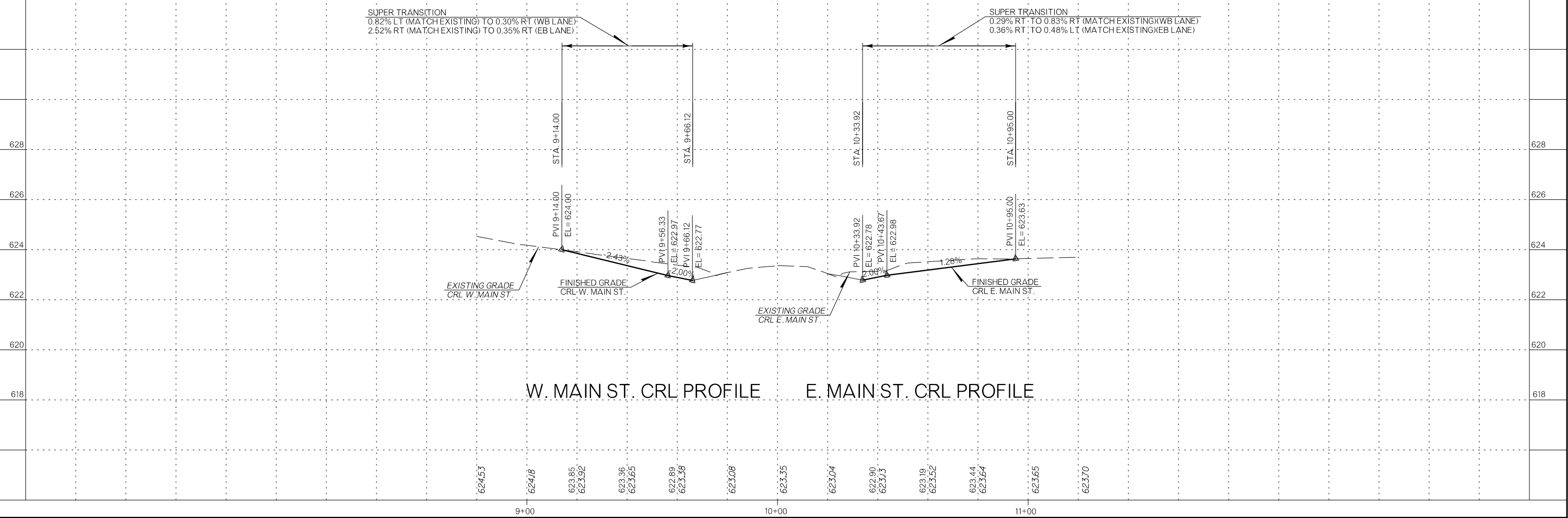
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-  CONCRETE PAVEMENT
-  ASPHALT PAVEMENT
-  MILL AND OVERLAY






SUPER TRANSITION
 0.82% LT (MATCH EXISTING) TO 0.30% RT (WB LANE)
 2.52% RT (MATCH EXISTING) TO 0.35% RT (EB LANE)

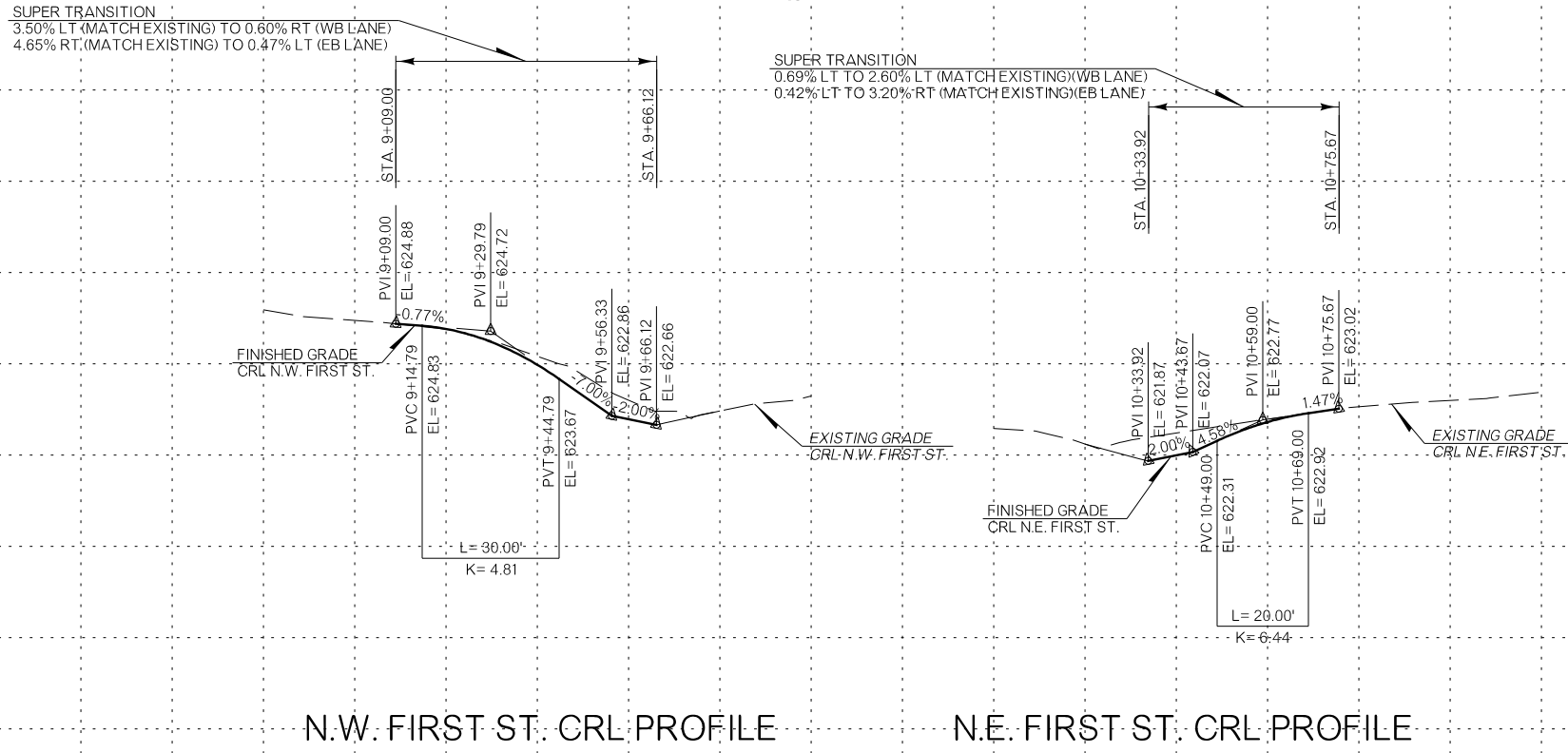
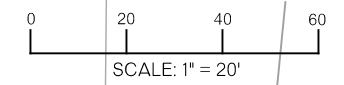
SUPER TRANSITION
 0.29% RT TO 0.83% RT (MATCH EXISTING) (WB LANE)
 0.36% RT TO 0.48% LT (MATCH EXISTING) (EB LANE)



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LEGEND

-  CONCRETE PAVEMENT
-  ASPHALT PAVEMENT
-  MILL AND OVERLAY






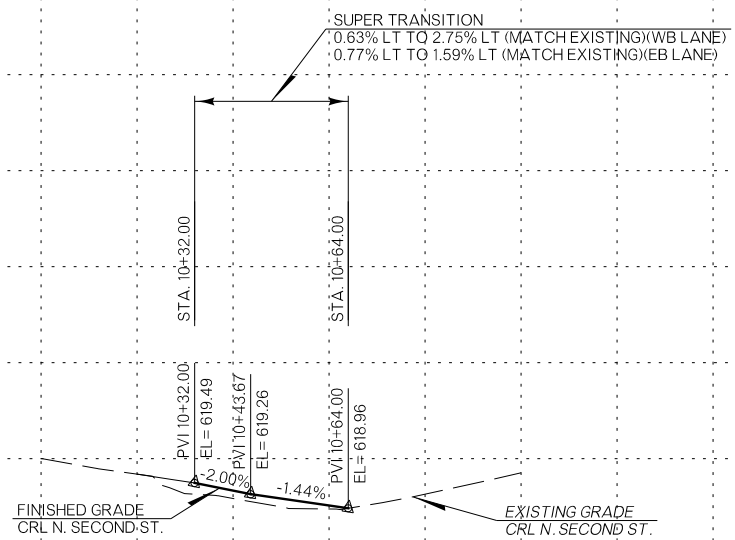
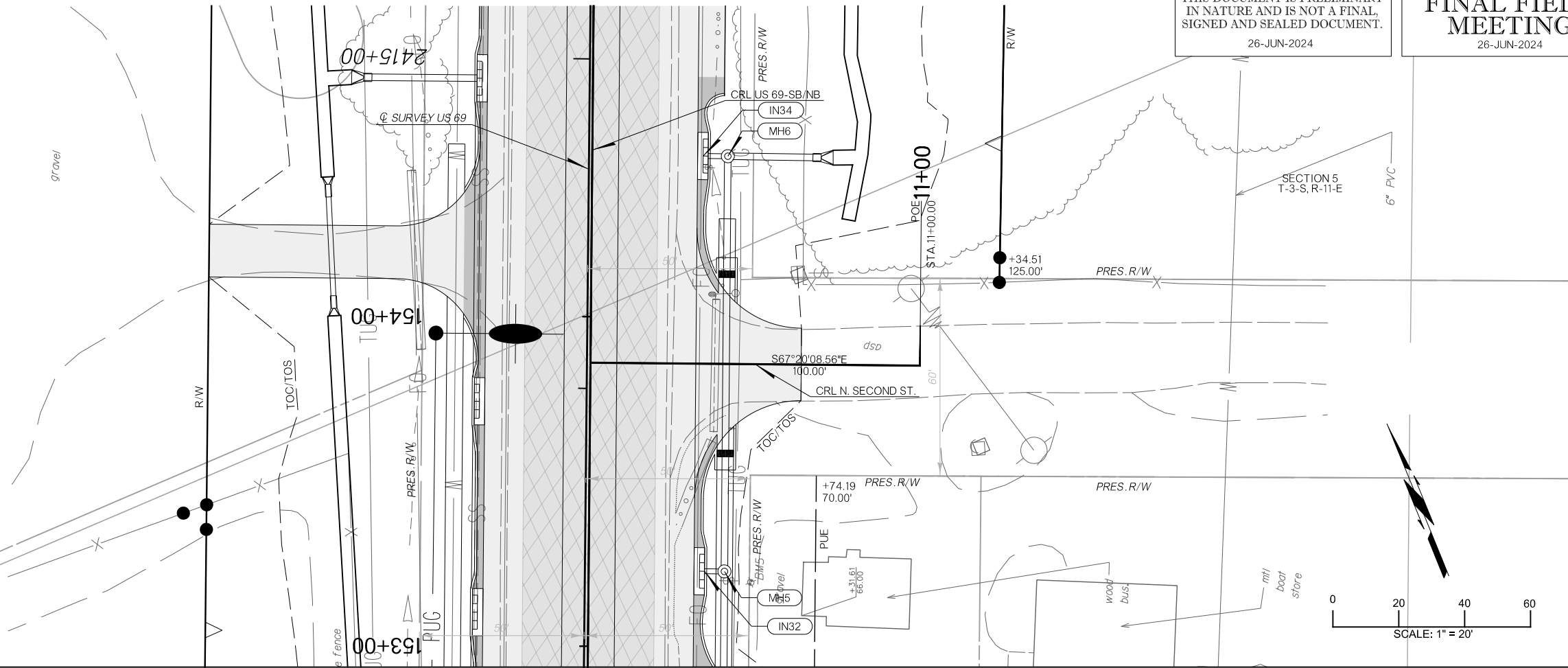
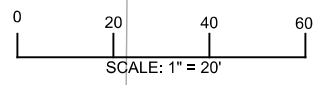
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SECTION 5
 T-3-S, R-11-E

SECTION 5
 T-3-S, R-11-E

LEGEND

-  CONCRETE PAVEMENT
-  ASPHALT PAVEMENT
-  MILL AND OVERLAY






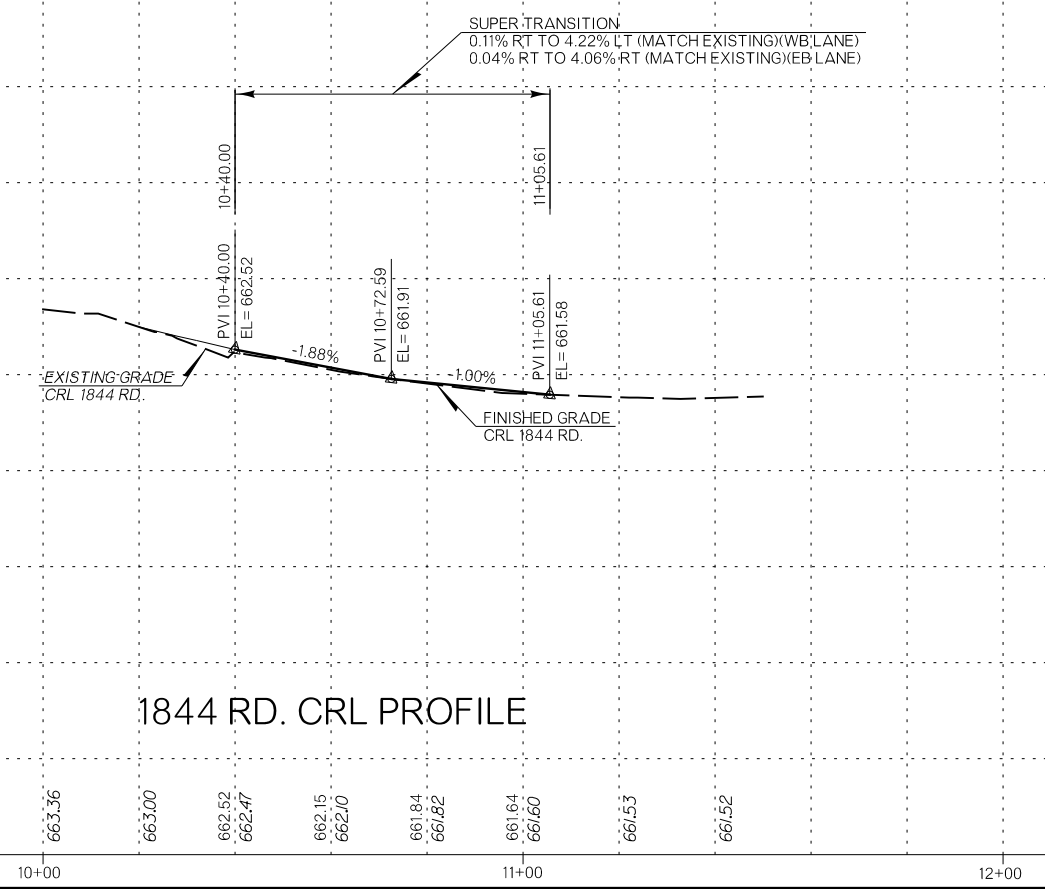
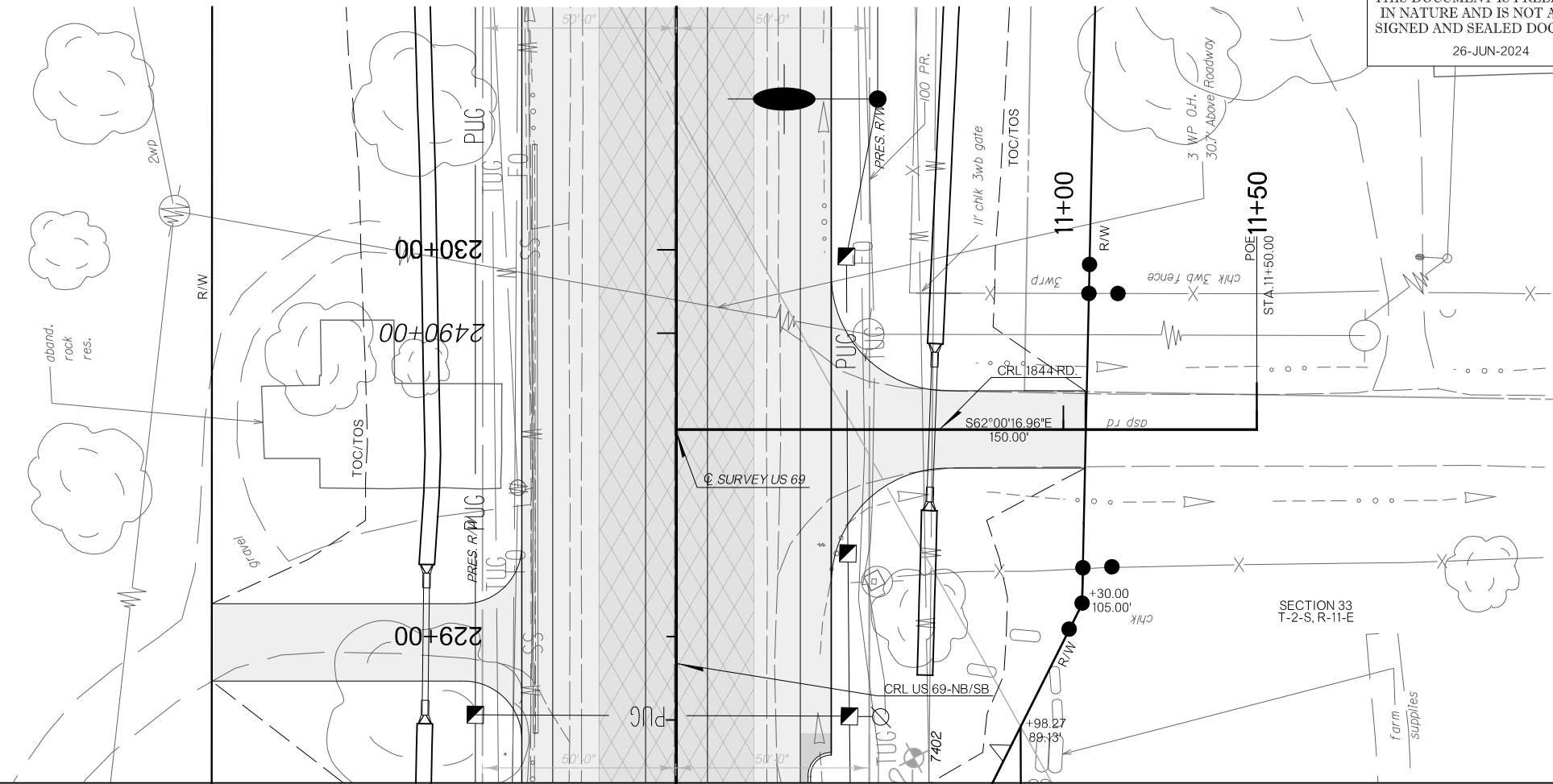
N. SECOND ST. CRL PROFILE

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 FILENAME: pw://pw-int.hntb.org;PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Plan1.dgn

SECTION 33
 T-2-S, R-11-E

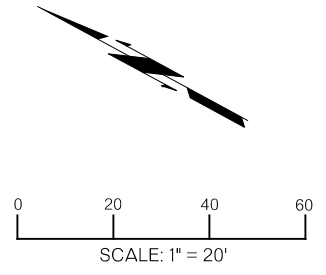
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-  ASPHALT PAVEMENT
-  MILL AND OVERLAY



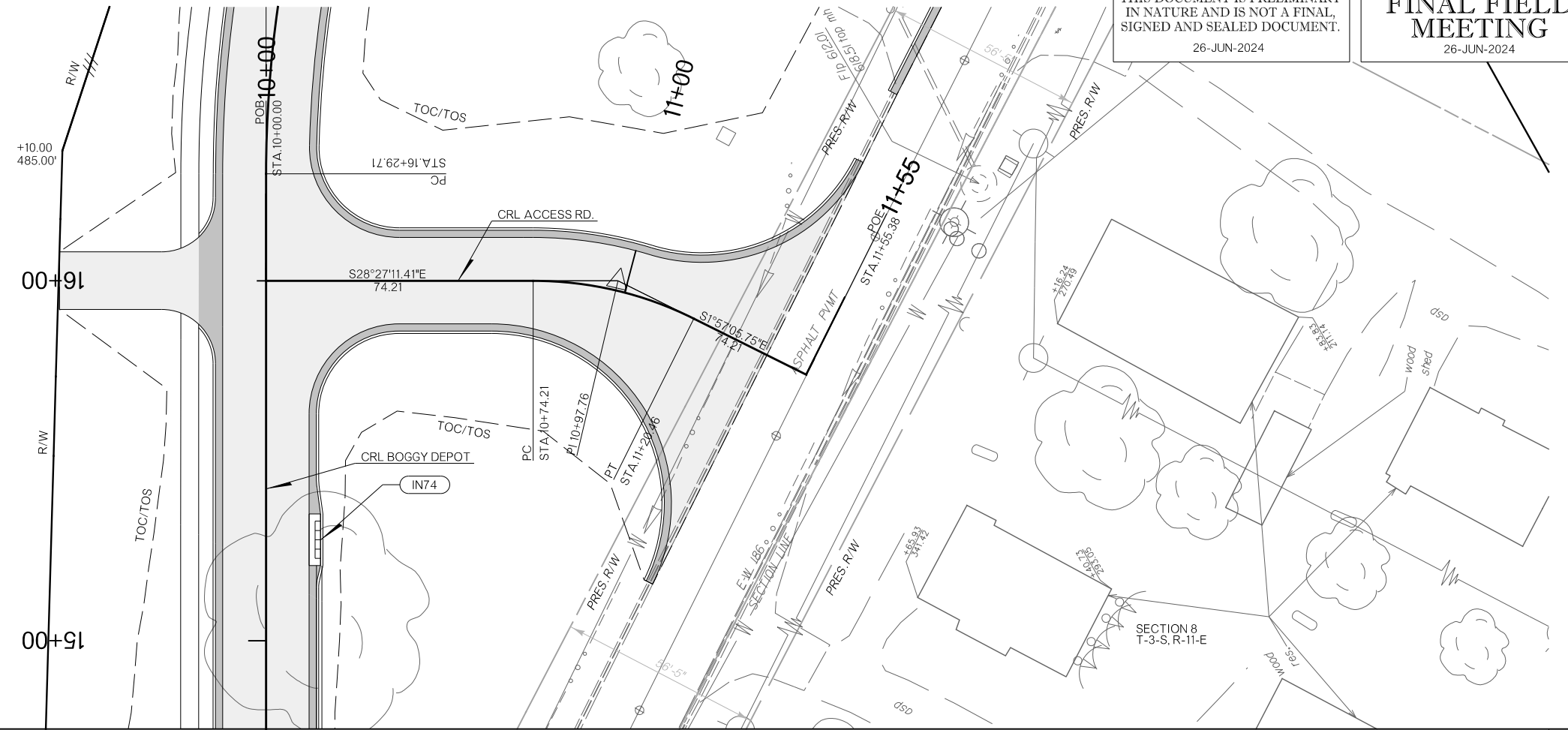
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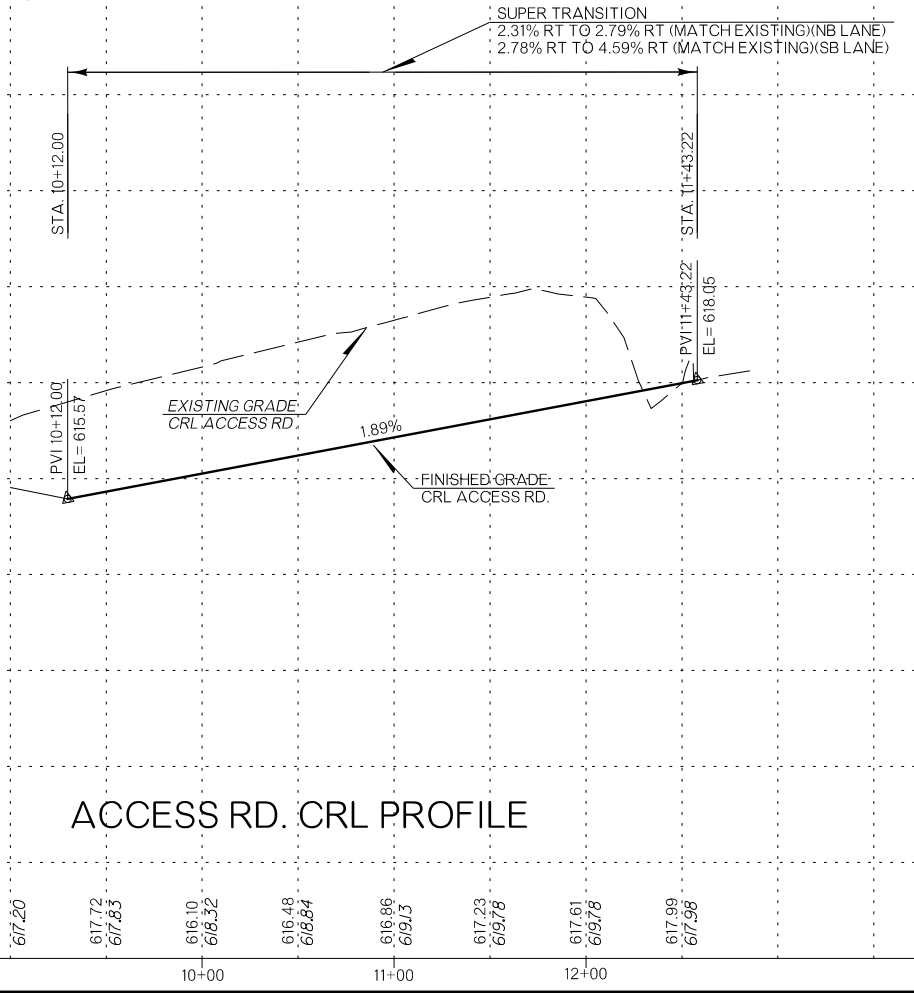
SECTION 5
 T-3-S, R-11-E

LEGEND	
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	MILL AND OVERLAY



SECTION 8
 T-3-S, R-11-E

PLOT DATE: 26-JUN-2024 09:57 AM
 FILENAME: p:\p\int\hnb.org\pw\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-Plan1.dgn



ACCESS RD. CRL PROFILE

SURVEY CONTROL DATA

1. HORIZONTAL CONTROL:

- A. HORIZONTAL CONTROL FOR THIS SURVEY IS THE NGS OKLAHOMA STATE PLANE COORDINATE SYSTEM, NAD83 (1993), LAMBERT PROJECTION (NORTH ZONE).
- B. ACCURACY - THE PRIMARY CONTROL NETWORK, THE SECONDARY CONTROL NETWORK AND SECTION BOUNDARIES FOR THIS SURVEY ARE IN GENERAL COMPLIANCE WITH THE NGS SECOND ORDER, CLASS II STANDARDS FOR HORIZONTAL CONTROL (1:20,000).

2. BEARINGS:

THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM THE NGS OKLAHOMA STATE PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL. THE ANGLE OF VARIANCE BETWEEN GRID NORTH (GN) AND THE ASTRONOMICAL TRUE NORTH (TN) IS DEPICTED DIAGRAMMATICALLY.

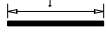
3. VERTICAL CONTROLS:

- A. LEVEL DATUM IS NAVD 88.
- B. ACCURACY - VERTICAL CONTROL FOR THIS SURVEY IS WITHIN THE CLOSURE REQUIREMENT OF NOAA/NGS "CLASSIFICATION, STANDARDS OF ACCURACY, AND GENERAL SPECIFICATIONS OF GEODETIC CONTROL SURVEYS" (FEB. 1974, REPRINTED FEB. 1977) THIRD ORDER STANDARDS AS A MINIMUM.

SURVEY BEGAN: January 2, 2018.
SURVEY COMPLETED: September 23, 2019.

BRENDAN BLANSETT, PROFESSIONAL LAND SURVEYOR
CLAYTON MACK, TRANSPORTATION SPEC. VI
ANTHONY PRIDDY, TRANSPORTATION SPEC. IV
JOSEPH SPRINGFIELD, TRANSPORTATION SPEC. V

EQUIPMENT: LEICA M60 MULTISTATION
LEICA SYSTEM GS15 FOR RTK SURVEY

SCALES 
SURVEY DATA SHEETS 1" = 100
GEOMETRIC DATA SHEETS 1" = 500

- CONVENTIONAL SYMBOLS**
- RAILROADS
 - RANGE & TOWNSHIP
 - SECTION LINES
 - QUARTER SECTION LINES
 - FENCES
 - EXISTING ROADS
 - BASE LINE
 - TELEPHONE & TELEGRAPH
 - POWER LINES
 - BUILDINGS
 - OILWELL
 - DRAINAGE STRUCTURES - IN PLACE

Utility Companies:
A.T.&T. - Tulsa, Ok. - 800-845-5359
Public Service Company of Oklahoma - Oklahoma City, OK - 800-552-6543
Atoka County RWD #2 - Tushka, OK - 580-889-7601

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 SEPTEMBER 11, 2001 GOVERN.

SDS 1 OF 19

SURVEY DATA SHEETS

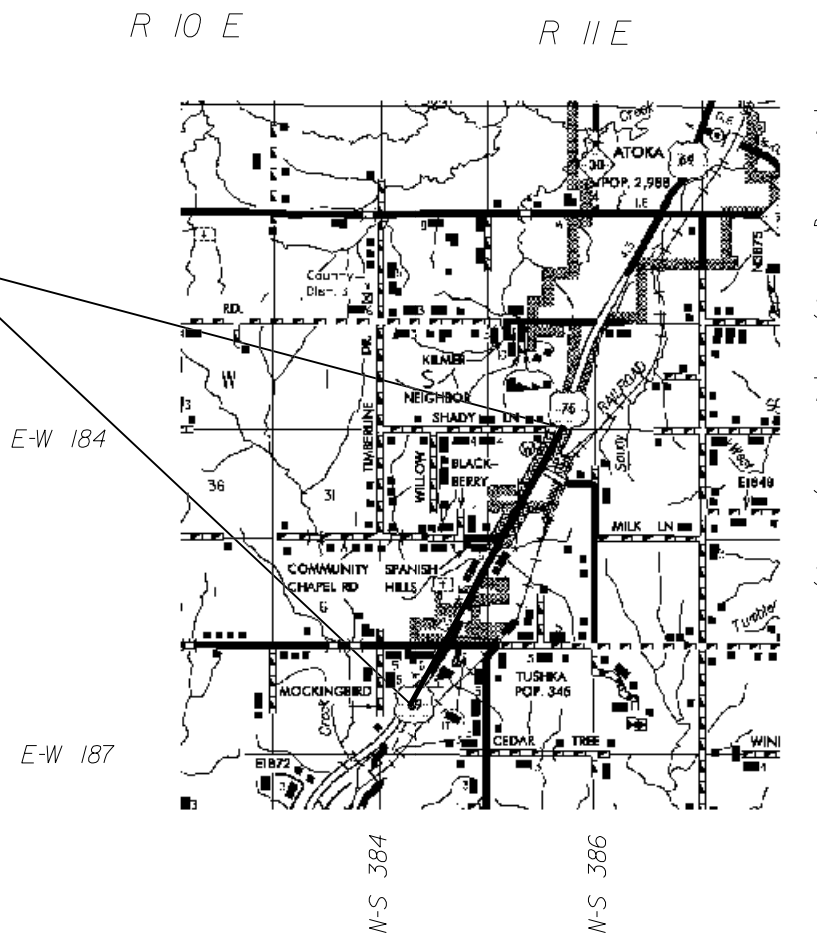
ATOKA COUNTY

U.S. 69

SWO 5346(1)

STATE JOB NO. 30410(04)

PROJECT LOCATION



INDEX OF SURVEY SHEETS

- 1. Title Sheet
- 2-3. Historical Letter & Written Report
- 3. Benchmark List
- 4. Alignment Report
- 5-7. Cogo Points List
- 8-15. Survey Data Sheets
- 16-19. Geometric Data Sheets

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

SWO 5246 (1) Job/Piece 30410 (04) Engr. Contract No. _____

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 thorough 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 23rd day of September, 2019

(seal)

Land Surveyor _____

Signature

Brendan Blansett, PLS

Printed Name

Oklahoma Registered Land Surveyor No. 1561

Certificate of Authorization No. _____ Exp. Date _____



Electronic File Transfer Disclaimer:

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PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION		
DRAWN	BLB		SURVEY DIVISION		
CHECKED			SURVEY DATA SHEET		
APPROVED	DKS				
CREW	ANTLERS				
			SWO 5346 (1)	STATE JOB NO. 30410(04)	SHEET NO. 001

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 Survey Division (405)521-7471 Fax
 405-522-0364

Date: September 27, 2019

To: Mr. Kyle King, Chief of Surveys

From: Brendan L. Blainsett, Professional Land Surveyor

Subject: SWO 5346(1) - J/P 30410(C4) - US 69 - Adcke County
 Plus 8.0 miles North of the Texas state line, North 5.05 miles

HISTORICAL LETTER AND WRITTEN REPORT

Method of Survey - Conventional Survey Methods
 Units of Measurement - U.S. Survey Foot.
 Survey Date - January 2, 2010
 Survey Completed - September 21, 2019

1. General

Previous Surveys and plans used on this project.

Plans:
 F-219(112)
 FAP-219(G)
 FAD-219(O)
 MNY-139(G)

Surveys:
 SWO2203(1)
 SWO2010(4)
 SWO3915(1)

2. Survey Assignments:

This project was assigned to the Antlers Survey Crew, under my direct supervision by Derrick Anderson, Transportation Survey Manager.

3. Purpose of Survey:

The purpose of this survey is to obtain adequate information for the design and construction of a center turn lane to U.S. 69.

4. Survey Limits:

This survey began at E-W 186.5, approximately 0.75 miles south of Tushka, and extended Northwesterly along the centerline of U.S. 69 approximately 2.5 miles to E-W 184.

5. Alignment:

The alignment for this survey is along existing Centerline of Survey of U.S. 69 as shown on plans listed above, which were obtained Print Services at the Central Office. Centerline was established using calculated centerline data obtained from the previously referenced plans

and surveys, as well as physical control found within the survey limits. Centerline alignment was verified by physical location of BS 69.

6. Stationing:

The beginning station for this survey is P.C. Station 2360+14.90. Stationing is taken from F-219(112) plans, and is carried Northwesterly along centerline without equation.

7. Horizontal Control:

Horizontal Control for this survey is the Oklahoma State Plane Coordinate System, South Zone, with data derived from control previously established under SWO 3915(1) survey. Additional control points were set for this project by RTK GPS, with static GPS data obtained and submitted to OPUS for verification of RTK data.

8. Vertical Control:

Level datum for this survey is (NGS) N.A.V.D. 00, obtained by benchmarks set under SWO 3915(1) survey, with the primary benchmark being ODOT monument A-3-663.

Additional benchmarks were set on this project, established by a double run of differential levels. The complete Benchmark List containing descriptions and amount of adjustment can be found in the project archive and as graphics in the Survey Data Sheets. This survey meets the requirements of N.G.S. 2nd order standards as a minimum.

9. Topography:

Topographic information was obtained by consultants, using aerial and mobile LIDAR. Additional topographic information was obtained by conventional field methods as necessary, using Leica RTK GPS and total station. The LIDAR and conventional field data have been combined and the digital file has been archived as SWO5346 1 V1 TOPO per Department policies and instructions.

10. Surface Features:

The surface features on this project were obtained by consultants, using aerial and mobile LIDAR. Additional surface information was obtained by conventional field methods as necessary, using Leica RTK GPS and total station. The LIDAR and conventional field data have been combined. A Surface Feature File (SFF), which is a Microstation V8i Design File containing breaklines and random ground points for contouring and quantity computations has been created and archived as per instructions.

11. Land and Property Ties

Complete land ties were prepared as part of this survey on Section 33, Township 2 South, Range 11 East, and Sections 4, 5 and 8, Township 3 South, Range 11 East of the Indian Base and Meridian. New Oklahoma Certified Corner Record forms were prepared as part of this survey, and were placed in the Corner database to be filed with the Oklahoma Department of Libraries.

12. Right-of-Way:

Right-of-Way for this project computed using previously referenced Plans and surveys.

Through the town of Tushka, plans and surveys indicate a 100' right-of-way, tying 50' each side of Centerline. This is contrary to the deed record, which establishes a right-of-way width of 80'. After conferring with Lisa Endres, ODOT attorney, the plans right-of-way of 100' appears to be a defensible prescriptive right-of-way, and is shown on this survey.

There are two areas within the limits of this project where the present right-of-way is ambiguous.

>At the South line of Section 33, Township 2 South, Range 11 East (approx. station 2451+00) on the East side of U.S. 69, a parcel was obtained by the State of Oklahoma that is not contiguous with other deeds found, nor with plans right of way.

>In the SW/4 of said Section 33, from approximate station 2464+00 to 2472+00, a similar situation exists on the West side of U.S. 69. At both of these locations, plans right of way is shown on the survey, as well as the non contiguous parcels.

13. Utilities:

Oil Cell OKIE was contacted during this project, and the location of utility lines were marked by utility owners or their representatives, with the assistance of party personnel. This information can be found in the project TOPO file.

No depth of utility lines has been provided, nor is any shown on any dgn file.

14. Environmental Concerns:

There were no hazardous waste sites found during this survey. There were no abandoned underground storage tanks found on this project. No W.F.A. structures were found on this project.

15. Drainage Information:

Drainage areas were not calculated as part of this project.

16. Submission of Survey Data:

All digital survey data has been placed in the appropriate project folder on the ODOT Intranet storage system as per archiving instruction dated May 20, 2009.

For a complete listing of computer files created and archived on this project see:

http://intranet/survey/data/SWO5346_1/index.txt

In addition to the computer files submitted, Adobe .DDF files of the following have been submitted to Mr. Darrin Stratton, Survey Manager via email:


PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION		
DRAWN	BLB		SURVEY DIVISION		
CHECKED			SURVEY DATA SHEET		
APPROVED	DKS				
CREW	ANTLERS		SWO 5346 (1)	STATE JOB NO. 30410(C4)	SHEET NO. 5002

BENCH MARK LIST						SWO 5346(1) J/P 30410(04)	NAVD 88 DATUM
BM NO.	RUN 1	RUN 2	MEAN DIFF.	ADJ. DIFF.	ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
7400					610.79		Rod in Sleeve set for 7400 92.78'R+ Sta 2384+65.05
TO	0.12	0.11	0.12	0.12			
BM2					610.91		DelPost 51.1'R+ Sta. 2392+03.7
TO	9.2	9.2	9.2	9.2			
BM3					620.11		DelPost 56.56'L+ Sta. 2398+97.43
TO	4.79	4.79	4.79	4.79			
BM4					624.90		DelPost 52.62'L+ Sta. 2406+37.67
TO	-3.98	-3.98	-3.98	-3.98			
BM5					620.92		DelPost 50.45'R+ Sta. 2413+41.71
TO	-1.68	-1.69	-1.68	-1.68			
BM6					619.24		DelPost 49.6'R+ Sta. 2421+73.9
TO	-0.10	-0.10	-0.10	-0.10			
7401					619.14		1/2 IP w/cap set for CP 7401 51.78'LT Sta. 2433+07.99
TO	-4.4	-4.4	-4.4	-4.4			
BM8					614.74		DelPost 52.41'R+ Sta. 2438+23.68
TO	8.59	8.59	8.59	8.59			
BM9					623.33		DelPost 57.21'L+ Sta. 2448+09.79

BENCH MARK LIST						SWO 5346(1) J/P 30410(04)	NAVD 88 DATUM
BM NO.	RUN 1	RUN 2	MEAN DIFF.	ADJ. DIFF.	ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
BM9					623.33		DelPost 57.21'L+ Sta. 2448+09.79
TO	14.81	14.81	14.81	14.81			
BM10					638.14		DelPost 69.88'L+ Sta. 2456+54.24
TO	2.71	2.71	2.71	2.71			
BM11					640.85		DelPost 53.00'L+ Sta. 2464+32.19
TO	-8.01	-8.01	-8.01	-8.01			
BM12					632.84		Brass Cap in NE Headwall 67.28'R+ Sta. 2468+17.67
TO	20.67	20.67	20.67	20.67			
BM13					653.51		DelPost 59.49'R+ Sta. 2478+50.12
TO	10.43	10.43	10.43	10.43			
7402					663.94		1/2 IP w/cap set for CP 7401 61.71'LT Sta. 2488+89.9
TO	-5.51	-5.51	-5.51	-5.51			
BM15					658.43		DelPost 68.04'R+ Sta. 2496+02.81
TO	0.23	0.23	0.23	0.23			
BM16					658.66		DelPost 65.98'R+ Sta. 2502+21.10
TO	5.33	5.33	5.33	5.33			
BM17					663.99		DelPost 78.5'L+ Sta. 2507+98.81

A. Historical Letter & Willet Block
 B. Form 51-21, Survey Control Data Statement
 C. Form 51-21, Survey Control Data Statement
 D. Code Book (coordinates list with elements)
 E. Benchmarks & Check Levels List, including the 100 and description of the project.
 F. 06802 Data Points record
 G. Form 51-7, Public and Subsurface Data Utilities List
 H. Form 51-9, Final Copy of Survey

Personnel:
 Brandon L. Stansell - Prof. Land Surveyor II
 Clayton H. Mack - Professional in Charge
 Joseph Sprague - Prof. Land Surveyor
 Anthony Miller - Transportation Tech. II

Respectfully submitted,

 Brandon L. Stansell
 Professional Land Surveyor

PLOT DATE: 26-JUN-2024
 FILENAME: p:\pw-int\hnb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-Survey Data Sheets.dgn

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

DESCRIPTION	REVISIONS	DATE

PROJECT Name: SWC546_i v1
 Description: Horizontal Alignment Name: A001
 Description: Style: Centerline

STATION	EASTING	NORTHING
2760+14.90	2519447.7198	360992.7077
2570+15.48	2519970.0892	361145.6229
2534100.2953	351316.9160	
2200+13.01	2520587.9122	361922.6656

Element: Circular
 PT (27) 2760+14.90
 PI ()
 P2 (323) 2534100.2953
 PT (22) 2200+13.01
 Radius: 17188.73
 Delta: 0°39'46.33" Right
 Degree of Curvature (Arc): 0°20'00.00"
 Length: 1998.91
 Tangent: 1000.58
 Chord: 1997.78
 Middle Ordinate: 29.05
 External: 29.10
 Tangent Direction: N 21°20'10.21" E
 Radial Direction: S 58°31'49.69" E
 Chord Direction: N 34°48'03.77" E
 Radial Direction: S 51°52'02.76" E
 Tangent Direction: N 38°07'57.24" E

Non collinear

Element: Linear
 PT (22) 2380+13.81
 PI (24) 2384+25.15
 Tangent Direction: N 38°07'47.96" E
 Tangent Length: 411.34

Element: Circular
 PC (24) 2384+25.15
 PI ()
 CC (324) 2399+76.70
 PT (25) 2399+76.70
 Delta: 15°30'55.78" Left
 Degree of Curvature (Arc): 1°00'00.00"
 Length: 780.55
 Tangent: 1546.01
 Chord: 82.44
 Middle Ordinate: 52.92
 External: 52.92
 Tangent Direction: N 38°07'47.96" E
 Radial Direction: S 51°52'12.04" E
 Chord Direction: N 30°22'20.07" E
 Radial Direction: S 57°23'07.02" E
 Tangent Direction: N 22°26'52.19" E

Element: Linear
 PT (25) 2399+76.70
 PI (30) 2406+73.77
 Tangent Direction: N 22°36'52.15" E
 Tangent Length: 697.07

Element: Linear
 PT (30) 2406+73.77
 PI (31) 2423+64.14
 Tangent Direction: N 22°44'09.25" E
 Tangent Length: 1690.37

Element: Circular
 PT (31) 2423+64.14
 PI ()
 P2 (32) 2424+22.57
 PT (32) 2424+22.57
 Radius: 11499.16
 Delta: 5°17'31.73" Right
 Degree of Curvature (Arc): 0°30'00.00"
 Length: 1058.43
 Tangent: 529.59
 Chord: 1059.05
 Middle Ordinate: 12.22
 External: 12.22
 Tangent Direction: N 22°44'09.25" E

Radial Direction: S 67°15'50.75" E
 Chord Direction: N 25°22'55.11" E
 Radial Direction: S 61°59'19.02" E
 Tangent Direction: N 28°01'40.98" E

Element: Linear
 PI (33) 2434+22.57
 POB (316) 2439+79.44
 Tangent Direction: N 28°01'40.98" E
 Tangent Length: 6666.87

Element: Circular
 PC (316) 2439+79.44
 PI ()
 CC (319) 2520587.9122
 PT (34) 2520587.9122
 Radius: 5697.58
 Delta: 10°17'14.87" Left
 Degree of Curvature (Arc): 1°00'00.00"
 Length: 1017.20
 Tangent: 510.00
 Chord: 1015.94
 Middle Ordinate: 22.69
 External: 22.70
 Tangent Direction: N 28°01'40.98" E
 Radial Direction: S 61°58'19.02" E
 Chord Direction: N 22°54'46.94" E
 Radial Direction: S 72°12'07.09" E
 Tangent Direction: N 17°47'52.91" E

Element: Linear
 PI (34) 2509+96.72
 POB (320) 2510+71.67
 Tangent Direction: N 17°47'52.91" E
 Tangent Length: 74.94

POINT	EASTING	NORTHING	ELEVATION
301	2521523.8924	362870.2211	
302	2519447.7198	360992.7077	
303	2519970.0892	361145.6229	
304	2522545.3299	365793.2506	
305	2522545.3299	365793.2506	
306	2522545.3299	365793.2506	
307	2521892.0308	364234.2335	
308	2521892.0308	364234.2335	
309	2521623.3067	363590.7575	
310	2521893.5532	364233.5972	
311	2522647.9911	366037.5929	
312	2522750.0085	366281.6907	
313	2522874.3337	366515.2365	
314	2521625.0332	363590.7575	
315	2521625.0332	363590.7575	
316	2526079.9626	372537.0340	
317	2521050.6082	375214.2492	
318	2521997.5106	361147.4946	
319	2520588.5632	361933.6923	
320	2521034.0370	362793.0464	
321	2521297.4890	362901.4888	
322	2526367.0405	373077.8315	
323	2526523.9446	373564.2148	
324	2526127.8288	372626.9510	
325	2521090.4743	373044.2022	
326	2526523.9446	373564.2148	
327	2525869.4864	372141.6528	
328	2525965.8187	372322.6099	
329	2522348.5820	365855.9230	
330	2522402.1200	365838.8460	
331	2522445.3680	365824.9420	
332	2522780.4700	366667.2510	
333	2522828.1720	366705.5130	
334	2518446.9329	358911.2453	
335	2519440.1104	362517.9520	
336	2519679.2392	362892.8103	
337	2519946.2814	361145.6229	
338	2520548.5329	361963.5369	
339	2520666.8914	36214.1312	
340	2521209.1615	362937.4293	
341	2521351.5606	364195.6311	

PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION SURVEY DATA SHEET
DRAWN	BLB		
CHECKED			
APPROVED	DKS		
CREW	ANTLERS		
SWO 5346 (1)			STATE JOB NO. 30410(04)
SHEET NO. 5004			

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7321 2526854.9572 362220.1643
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7334 2526546.0151 373528.8855
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

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PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION		
DRAWN	BLB		SURVEY DIVISION		
CHECKED			SURVEY DATA SHEET		
APPROVED	DKS				
CREW	ANTLERS				
			SWO 5346 (1)	STATE JOB NO. 30410(04)	SHEET NO. 5006

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

DESCRIPTION	REVISIONS	DATE

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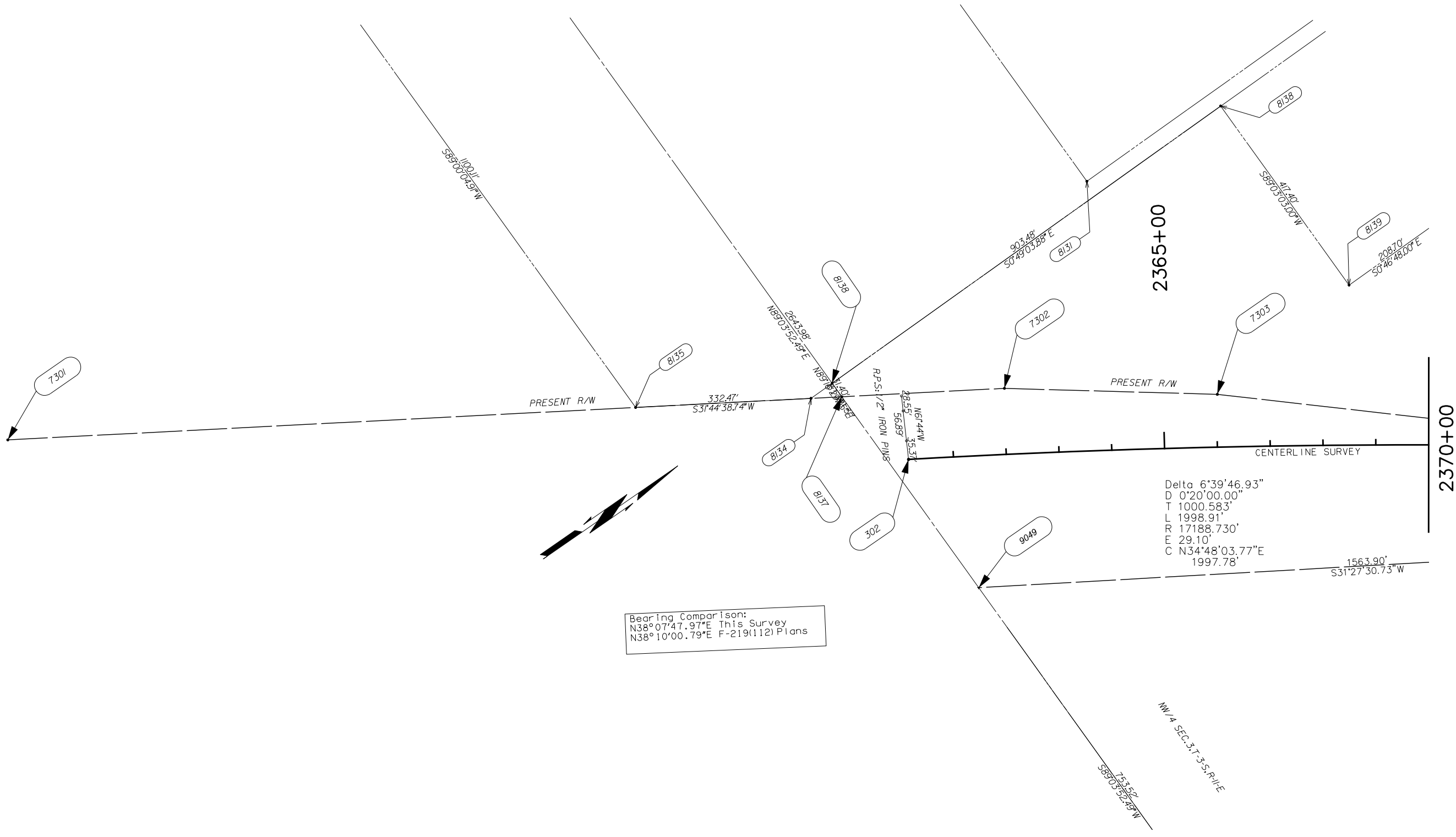
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 8279 2520153.5332 361456.8173
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 9003 2517850.8075 362875.5181
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 9014 2525000.1550 363002.4408
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PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION		
DRAWN	BLB		SURVEY DIVISION		
CHECKED			SURVEY DATA SHEET		
APPROVED	DKS				
CREW	ANTLERS		SWO 5346 (1)	STATE JOB NO. 30410(04)	SHEET NO. 5007

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION		REVISIONS		DATE	



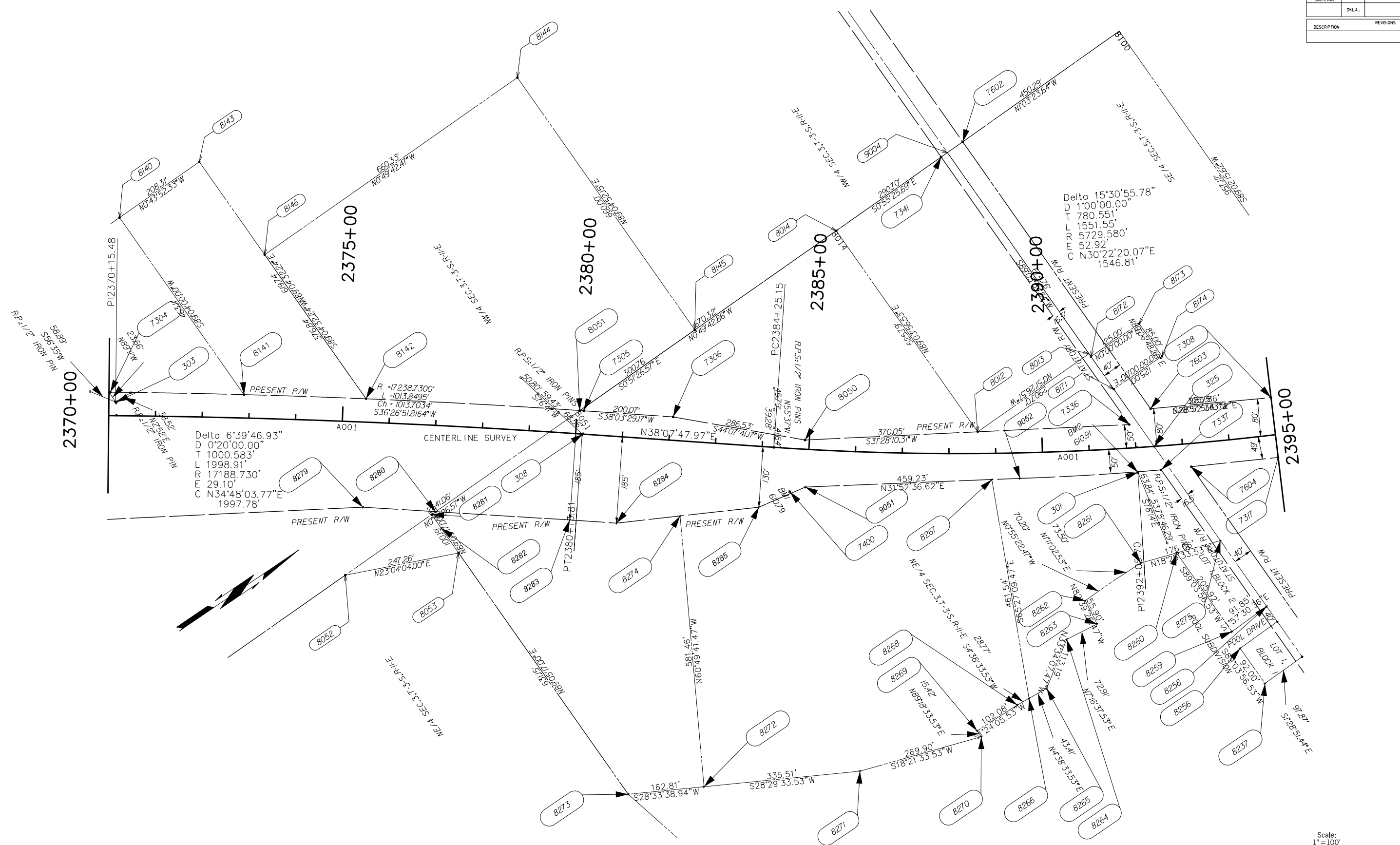
Bearing Comparison:
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 N38°10'00.79"E F-219(112) Plans

Delta 6°39'46.93"
 D 0°20'00.00"
 T 1000.583'
 L 1998.91'
 R 17188.730'
 E 29.10'
 C N34°48'03.77"E
 1997.78'

Scale:
 1" = 100'

PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION SURVEY DATA SHEET SWO 5346.(1) PROJECT NO. 30410(04) SHEET NO. 5008
DRAWN	BLB		
CHECKED			
APPROVED	DKS		
CREW	ANTLERS		

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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DESCRIPTION		REVISIONS		DATE	

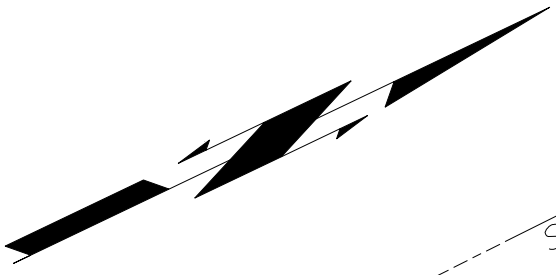
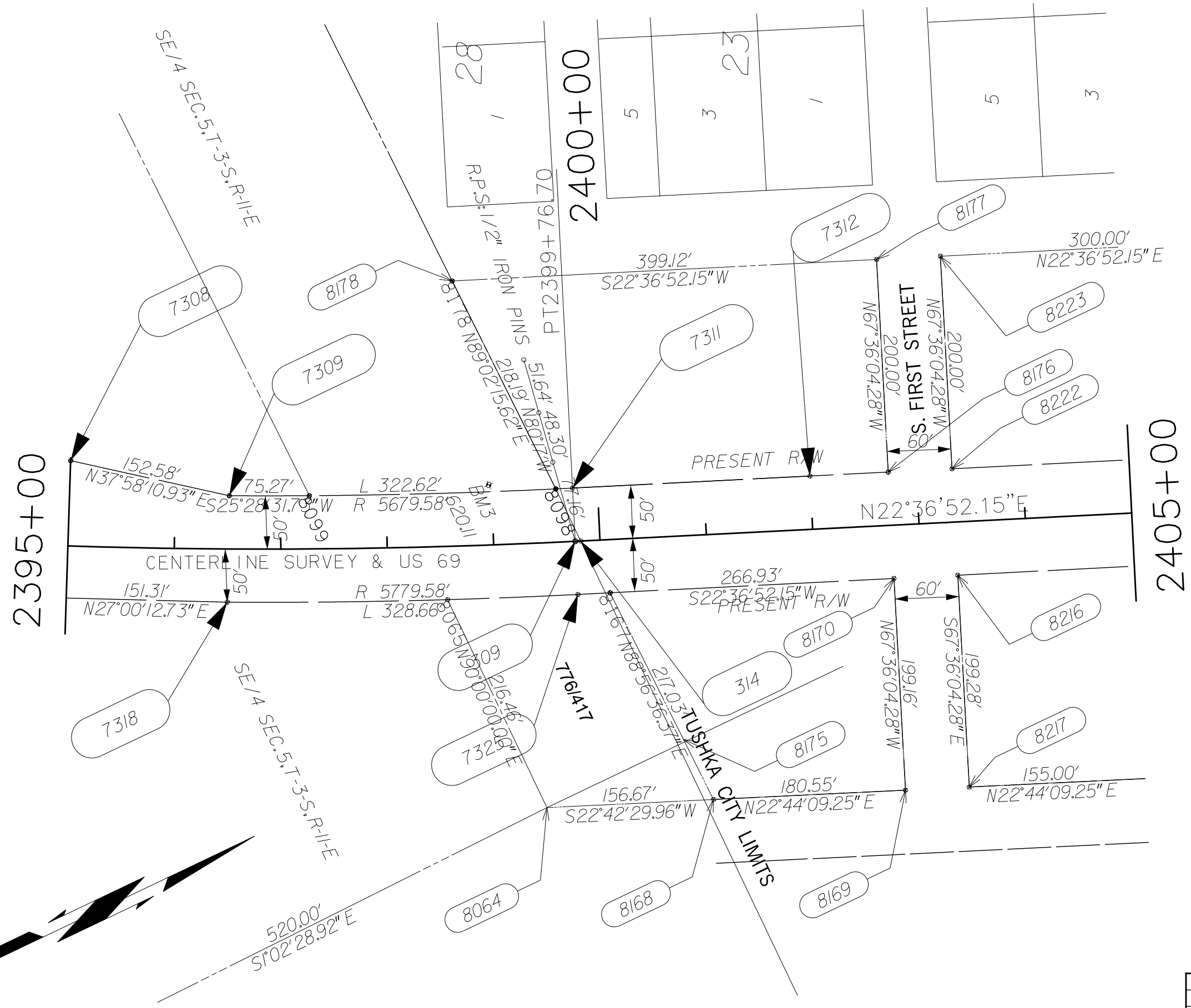


Bearing Comparison:
 N38°07'47.97"E This Survey
 N38°10'00.79"E F-219(112) Plans

Scale:
 1" = 100'

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
SURVEY DIVISION					
SURVEY DATA SHEET					
PLS	BLB				
DRAWN	BLB				
CHECKED					
APPROVED	DKS				
CREW	ANTLERS	SWO	5346.(1)	PROJECT NO.	3041(04)
				SHEET NO.	5009

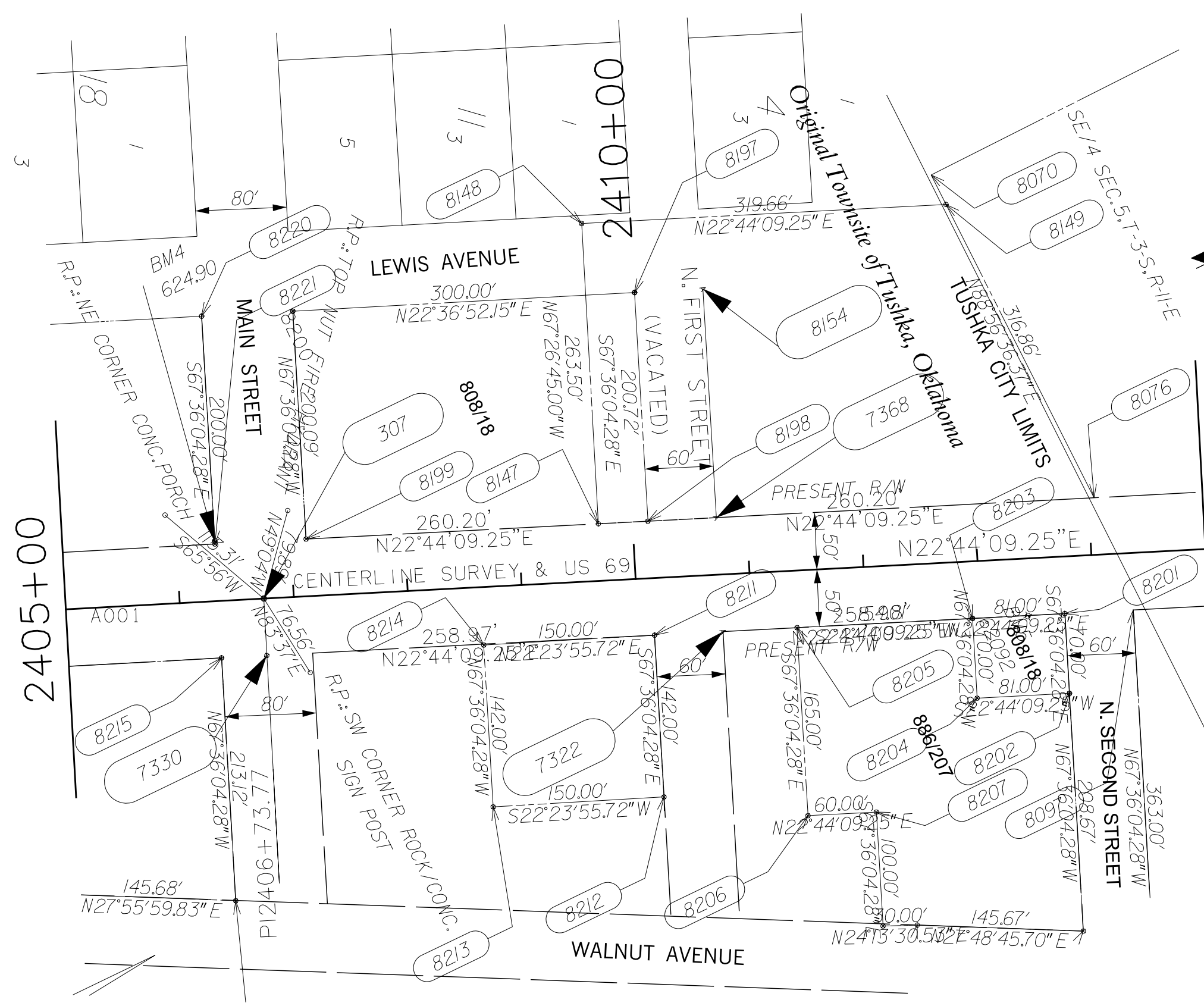
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
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DESCRIPTION			REVISIONS	DATE	



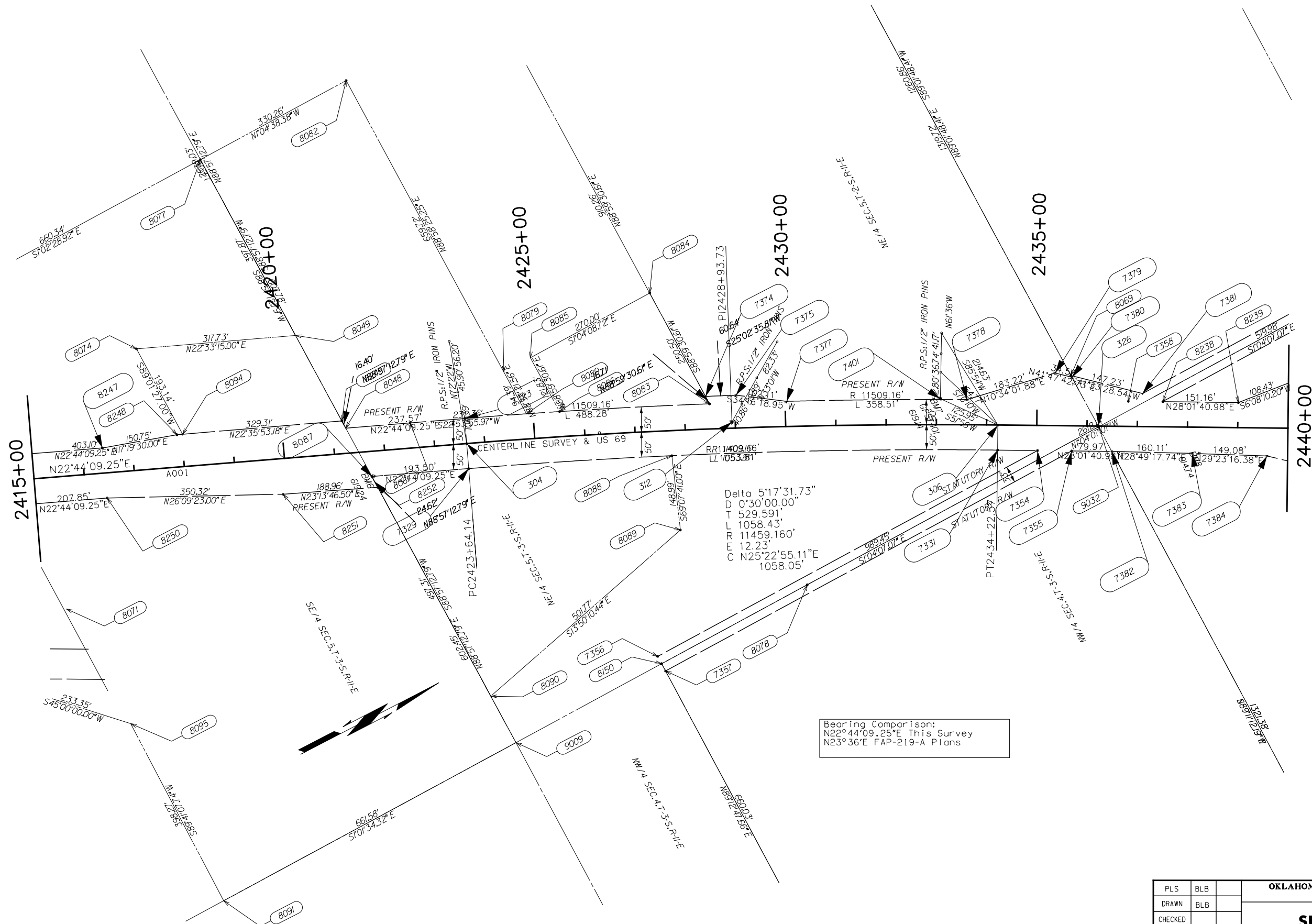
Scale:
1" = 50'

OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION			
SURVEY DATA SHEET			
PLS	BLB		
DRAWN	BLB		
CHECKED			
APPROVED	DKS		
CREW	ANTLERS	SWO 5346 (1)	PROJECT NO. 30410(04) SHEET NO. 5010

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION			REVISIONS	DATE	



OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION					
SURVEY DATA SHEET					
PLS	BLB				
DRAWN	BLB				
CHECKED					
APPROVED	DKS				
CREW	ANTLERS	SWO 5346 (1)	PROJECT NO. 30410(04)	SHEET NO. 5011	



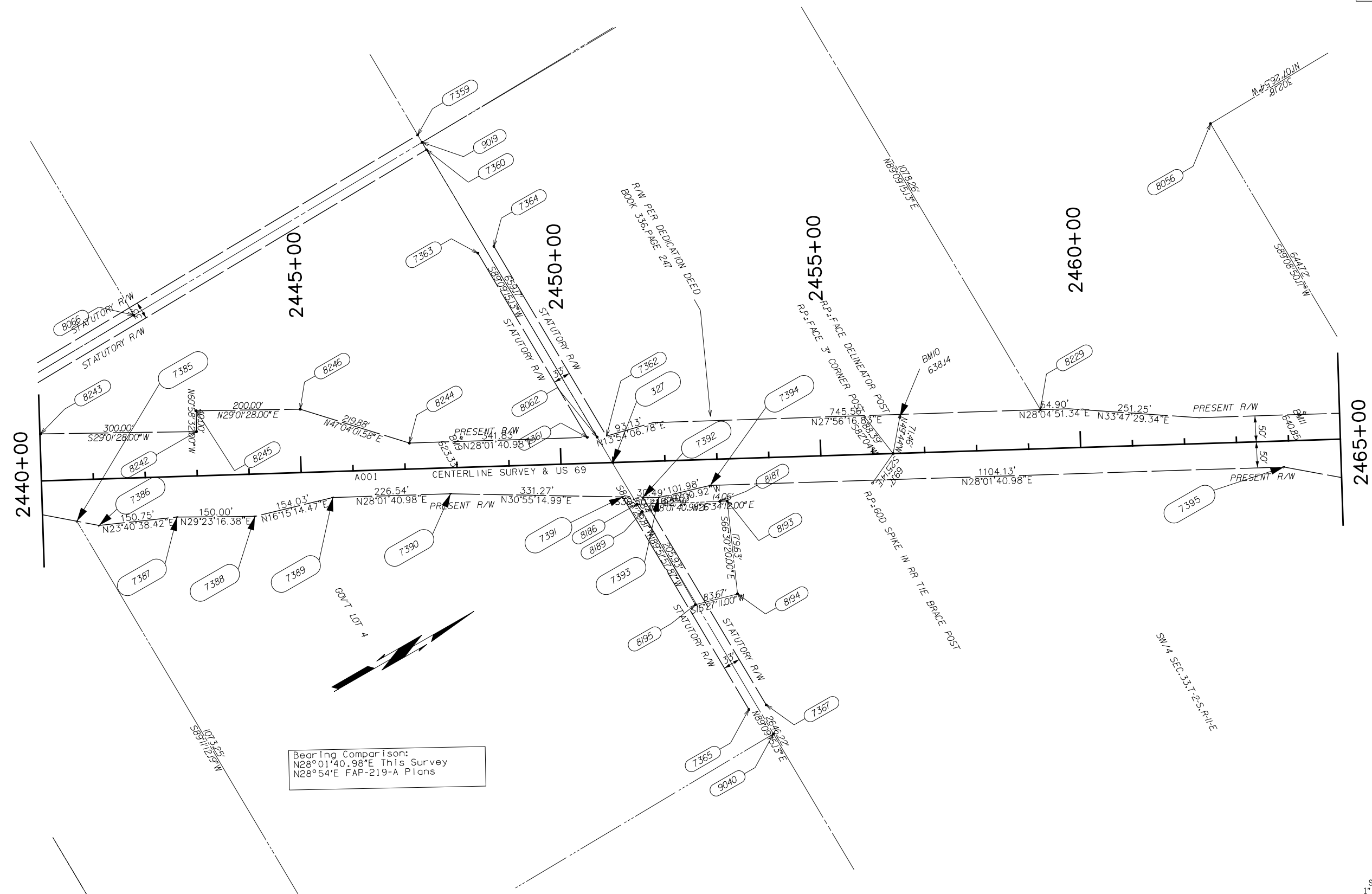
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 D 0'30'00.00"
 T 529.591'
 L 1058.43'
 R 11459.160'
 E 12.23'
 C N25°22'55.11"E
 1058.05'

Bearing Comparison:
 N22°44'09.25"E This Survey
 N23°36'E FAP-219-A Plans

Scale:
 1" = 100'

PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION SURVEY DATA SHEET SWO 5346.(1) PROJECT NO. 30410(04) SHEET NO. 5012
DRAWN	BLB		
CHECKED			
APPROVED	DKS		
CREW	ANTLERS		

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION		REVISIONS		DATE	

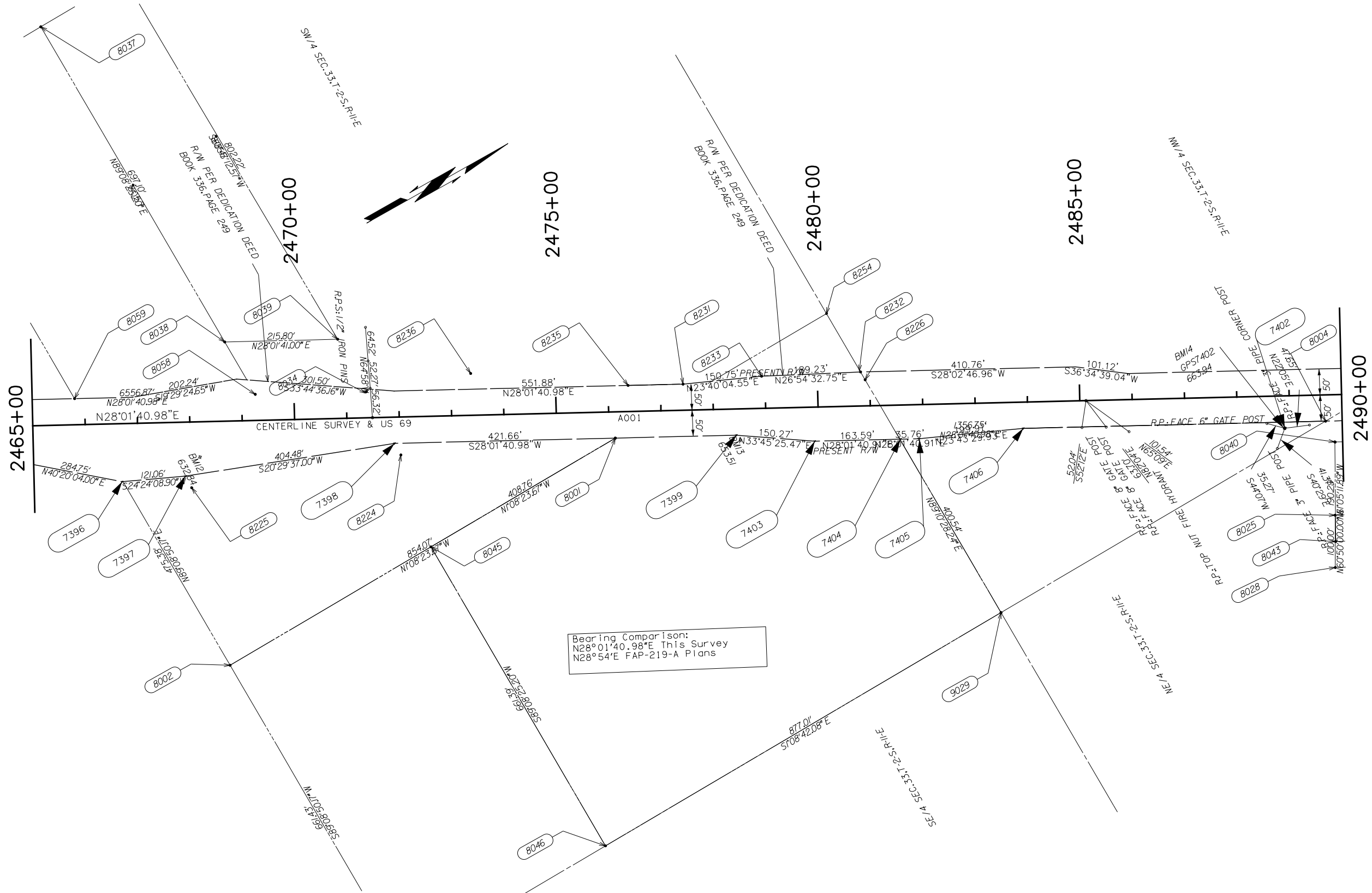


Bearing Comparison:
 N28°01'40.98"E This Survey
 N28°54'E FAP-219-A Plans

Scale:
 1" = 100'

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
SURVEY DIVISION					
SURVEY DATA SHEET					
PLS	BLB				
DRAWN	BLB				
CHECKED					
APPROVED	DKS				
CREW	ANTLERS	SWO	5346. (1)	PROJECT NO.	30410(04) SHEET NO. 5013

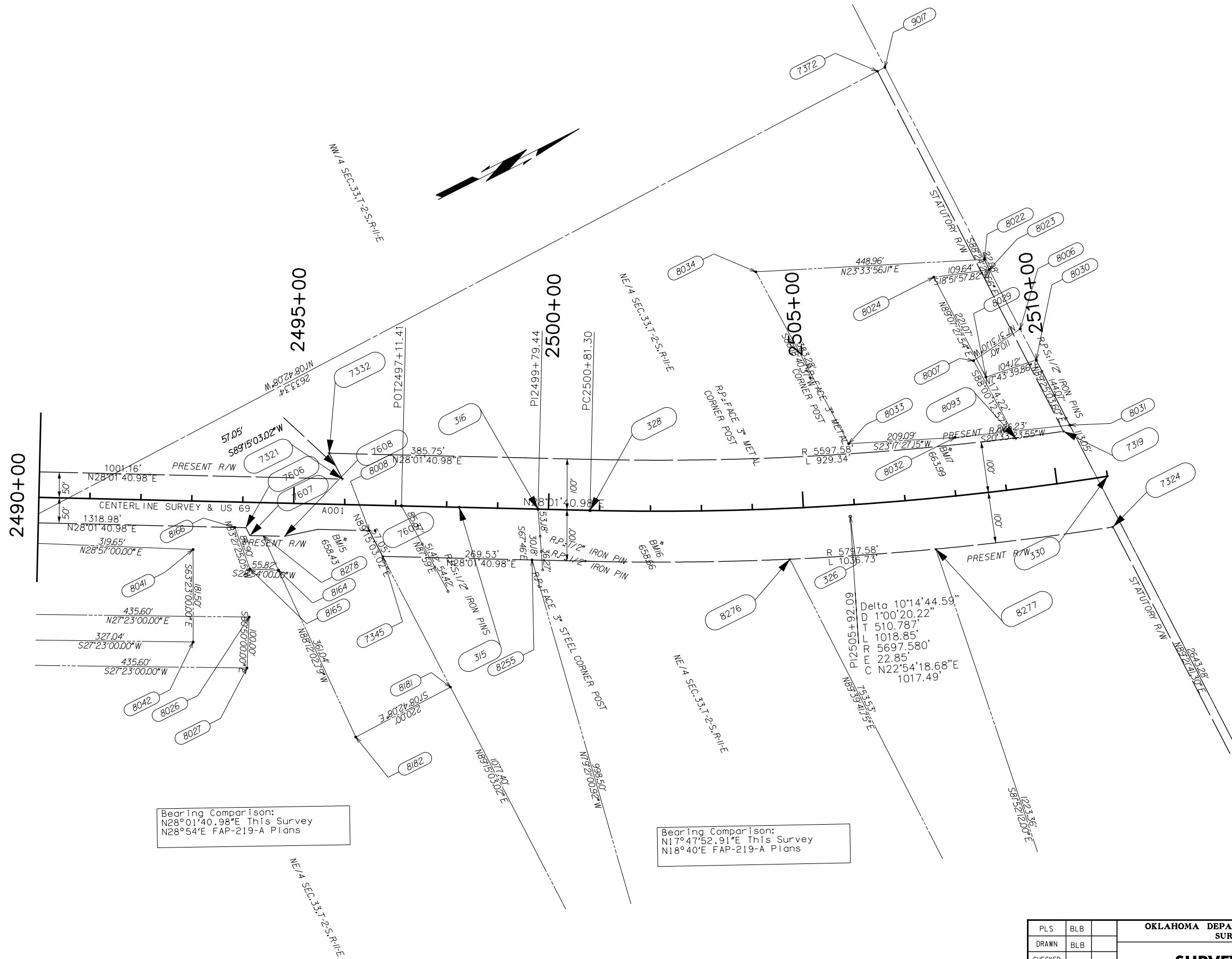
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION		REVISIONS		DATE	



Bearing Comparison:
 N28°01'40.98"E This Survey
 N28°54'E FAP-219-A Plans

Scale:
 1" = 100'

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
SURVEY DIVISION					
SURVEY DATA SHEET					
PLS	BLB				
DRAWN	BLB				
CHECKED					
APPROVED	DKS				
CREW	ANTLERS	SWO	5346. (1)	PROJECT NO.	30410(04) SHEET NO. 5014



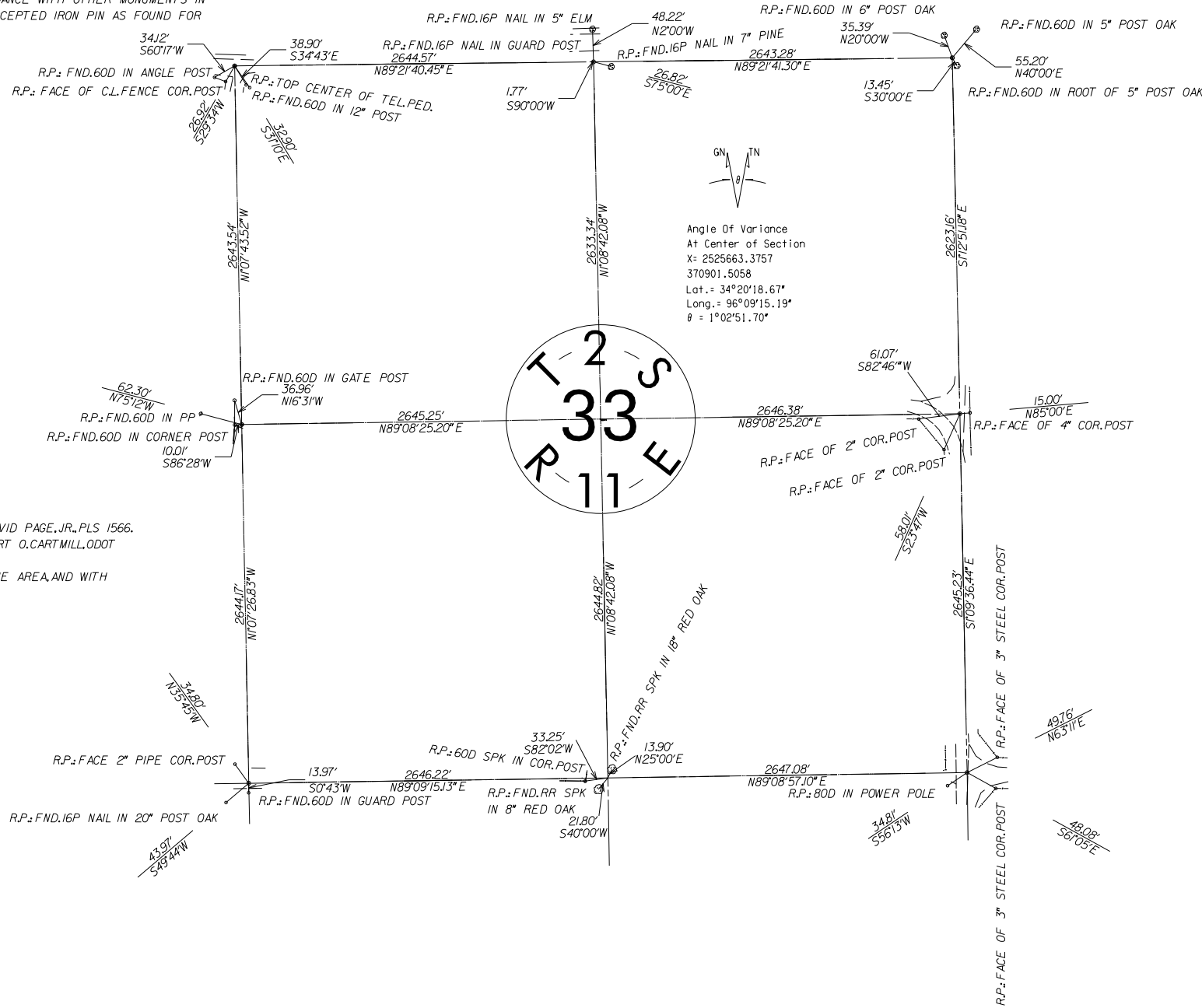
Bearing Comparison:
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 N28°54'E FAP-219-A Plans

Bearing Comparison:
 N17°47'52.91"E This Survey
 N18°40'E FAP-219-A Plans

QUARTER CORNER A-3-972
 FOUND ODOT BRASS CAP A-3-228, AS ESTABLISHED UNDER SWO 3303(1), AND AS INDICATED ON
 OCCR DATED 11-14-08, FILED BY GREGORY KEY, PLS 1438. FOUND REFERENCES FROM PLS 1438
 OCCR. POSITION OF BRASS CAP IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA,
 AND WITH ODOT PLANS AND LOCAL EVIDENCE. ACCEPTED BRASS CAP AS FOUND FOR QUARTER CORNER.

SECTION CORNER A-3-229R
 FOUND 5/8" IRON PIN AS INDICATED ON OCCR DATED 5/19/00, FILED BY DAVID PAGE, PLS 1324.
 MONUMENT HAD BEEN SET UNDER SWO 2810(4) BY ROBERT CARTMILL, ODOT LOCATION ENGINEER,
 AS SHOWN ON SD-II DATED 11/14/1972.
 POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH
 LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR SECTION CORNER.

SECTION CORNER A-3-228R
 FOUND 1/2" IRON PIN AND REFERENCE AS INDICATED ON OCCR DATED 7-28-09, FILED BY J.L. JEFFRIES,
 PLS 1061. FOUND REFERENCES FROM OCCR DATED 4-30-00, FILED BY DAVID PAGE, PLS 1324, WHICH
 INDICATED FOUND CONCRETE REMAINS OF ODOT BRASS CAP. CHECKS FROM FOUND IRON PIN TO FOUND
 PAGE REFERENCES CONFIRM THAT POSITION OF FOUND IRON PIN IS CONSISTENT WITH POSITION OF
 CORNER FILED BY PLS 1324. POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN
 THE AREA, AND WITH ODOT PLANS AND OTHER LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR
 SECTION CORNER.



Angle Of Variance
 At Center of Section
 X = 2525663.3757
 370901.5058
 Lat. = 34°20'18.67"
 Long. = 96°09'15.19"
 θ = 1°02'51.70"

QUARTER CORNER A-3-973
 FOUND 1/2" IRON PIN. CORNER PREVIOUSLY FILED BY MARILYN BROOKS, PLS 1467 ON OCCR
 DATED 10/31/06, AND BY GREGORY KEY, PLS 1438 ON OCCR DATED 11/14/08. IRON PIN FOUND
 APPEARS TO BE IDENTICAL TO THAT SHOWN ON PLS 1438 OCCR.
 POSITION OF IRON PIN IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH
 LOCAL EVIDENCE. ACCEPTED IRON PIN AS QUARTER CORNER.

QUARTER CORNER A-3-226R
 FOUND 1/2" IRON PIN AS INDICATED ON OCCR DATED 9/4/09, FILED BY DAVID PAGE, JR., PLS 1566.
 CORNER HAD PREVIOUSLY BEEN ESTABLISHED UNDER SWO 2810(4) BY ROBERT O. CARTMILL, ODOT
 LOCATION ENGINEER.
 POSITION OF IRON PIN IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH
 LOCAL EVIDENCE. ACCEPTED IRON PIN AS QUARTER CORNER.

NOTE: REFERENCES SHOWN ARE NOT TO SCALE.

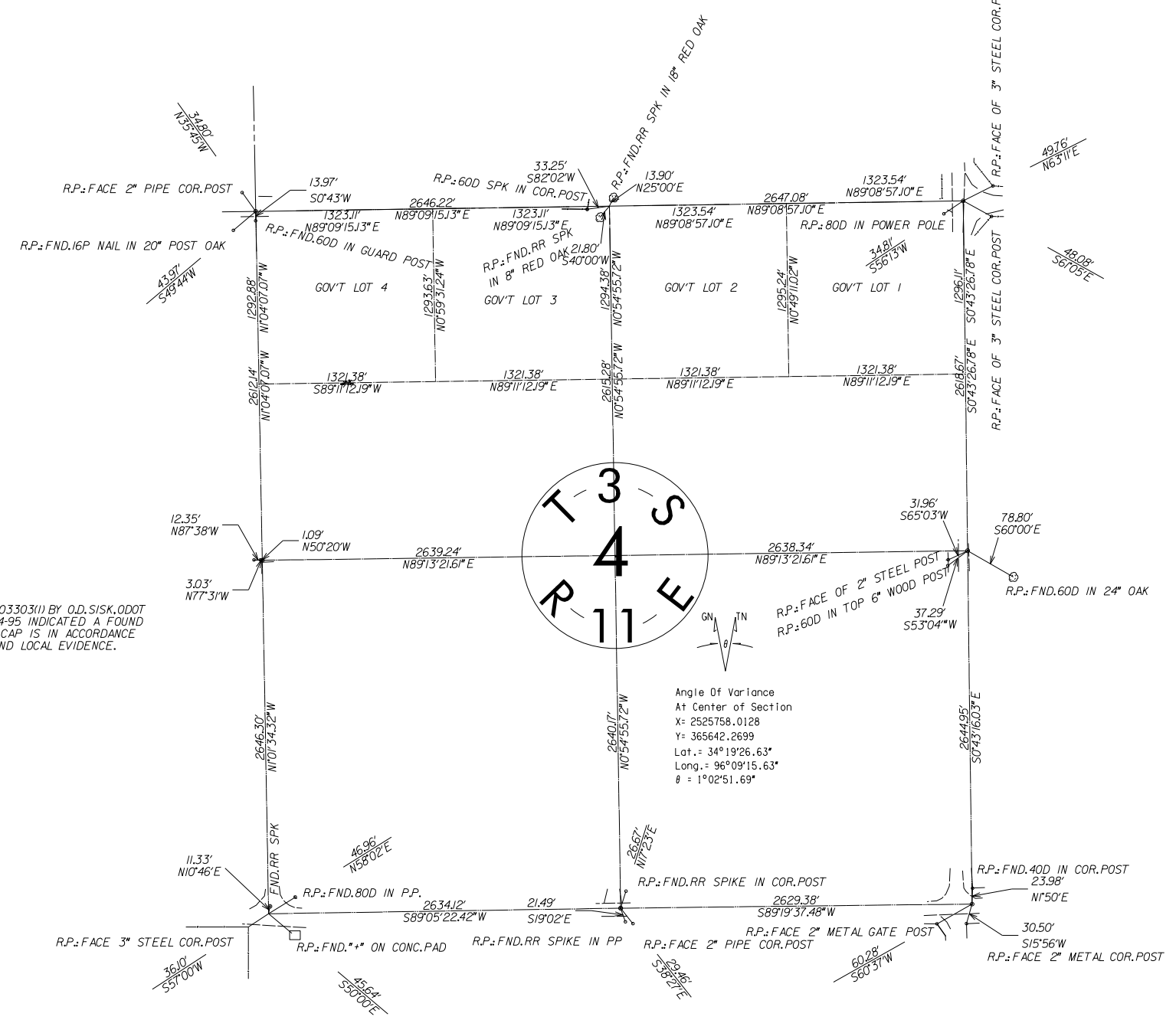
PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION				
DRAWN	BLB		SURVEY DATA SHEET SWO 5246(1)				
CHECKED							
APPROVED	DKS						
CREW	ANTLERS						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO.	30410(04)	SHEET NO.	SO16

PLOT DATE: 26-JUN-2024
 FILENAME: pw://pw-int.hmb.org/PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Survey Data Sheets.dgn

SECTION CORNER A-3-224R
 FOUND 5/8" IRON PIN.FOUND TWO REFERENCES FROM OCCR FILED BY WALTER KEY,PLS 956,
 DATED 1/6/06,WHICH INDICATES A FOUND 40D.CHECKS FROM FOUND IRON PIN TO FOUND
 REFERENCES CONFIRM THAT POSITION OF FOUND IRON PIN IS CONSISTENT WITH POSITION OF
 40D ON PREVIOUS OCCR,AND WITH POSITION OF ODOT BRASS CAP,ESTABLISHED UNDER SWO
 2810(4). MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA
 AND WITH LOCAL EVIDENCE. ACCEPTED POSITION OF FOUND IRON PIN FOR SECTION CORNER.

QUARTER CORNER A-3-225R
 FOUND 1/2" IRON PIN W/CAP AS SHOWN ON OCCR FILED BY DAVID PAGE,JR.,PLS 1566.
 POSITION OF MONUMENT APPEARS TO BE CONSISTENT WITH POSITION OF QUARTER CORNER
 AS ESTABLISHED UNDER SWO2810(4) BY ODOT,AS SHOWN ON SD-II DATED 11/14/72.
 MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN AREA,AND WITH LOCAL EVIDENCE.
 ACCEPTED IRON PIN AS FOUND FOR QUARTER CORNER.

SECTION CORNER A-3-974
 FOUND 1/2" IRON PIN AS INDICATED ON OCCR DATED 4/30/00,FILED BY DAVID PAGE,PLS 1324.
 POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA,AND WITH
 LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR SECTION CORNER.



QUARTER CORNER A-3-223R
 FOUND ODOT BRASS MONUMENT A-3-223,AS ESTABLISHED UNDER SWO3303(1) BY O.D.SISK,ODOT
 LOCATION ENGINEER,OCCR FILED BY DAVID PAGE,PLS 1324,DATED 2-14-95 INDICATED A FOUND
 5/8" IRON PIN WITH ODOT PLASTIC CAP.POSITION OF FOUND BRASS CAP IS IN ACCORDANCE
 WITH OTHER MONUMENTS IN THE AREA AND WITH HIGHWAY PLANS AND LOCAL EVIDENCE.
 ACCEPTED BRASS CAP AS FOUND FOR QUARTER CORNER.

QUARTER CORNER A-3-978
 FOUND 1/2" IRON PIN WITH CAP AS INDICATED ON OCCR DATED 12/12/03,FILED BY DAVID
 PAGE,JR.,PLS 1566.POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS
 IN THE AREA,AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR QUARTER
 CORNER.

Angle Of Variance
 At Center of Section
 X = 2525758.0128
 Y = 365642.2699
 Lat. = 34°19'26.63"
 Long. = 96°09'15.63"
 θ = 1°02'51.69"

SECTION CORNER A-3-981
 FOUND MAG NAIL W/WASHER AS INDICATED ON OCCR DATED 3/18/04,FILED BY KEVIN
 GUINN,PLS 1449,AND ON SUBSEQUENT OCCR DATED 4/15/10,FILED BY WM.ALAN BROOKS,
 PLS 1593.POSITION OF MONUMENT APPEARS TO BE SAME AS ODOT MONUMENT A-3-481 AS
 ESTABLISHED UNDER SWO3303(1) IN 1977. MONUMENT IS IN ACCORDANCE WITH OTHER
 MONUMENTS IN THE AREA,AND WITH LOCAL EVIDENCE. ACCEPTED FOUND MAG NAIL AS
 SECTION CORNER.
 ALSO FOUND RR SPIKE AS INDICATED ON OCCR DATED 12/12/03 BY DAVID PAGE,JR.,PLS
 1566.DID NOT ACCEPT.

QUARTER CORNER A-3-980
 FOUND MAG NAIL.FOUND TWO REFERENCES FROM OCCR FILED BY WALTER KEY,PLS 956,
 DATED 1-24-03 WHICH INDICATED A FOUND 1/2" SMOOTH BAR,CHECK FROM FOUND MAG NAIL
 TO FOUND REFERENCES CONFIRMS THAT POSITION OF MAG NAIL IS CONSISTENT WITH
 POSITION OF PREVIOUSLY FILED CORNER.POSITION OF MAG NAIL IS IN ACCORDANCE WITH
 OTHER MONUMENTS IN THE AREA AND WITH LOCAL EVIDENCE. ACCEPTED POSITION OF FOUND
 MAG NAIL FOR QUARTER CORNER.

SECTION CORNER A-3-979
 FOUND 3/8" IRON PIN,CORNER PREVIOUSLY FILED ON OCCR DATED 6/30/03 BY WALTER KEY,
 PLS 956,AND SUBSEQUENT OCCR DATED 9/13/05 BY DAVID PAGE,JR.,PLS 1566,BOTH OCCRS
 INDICATE A FOUND RR SPIKE.POSITION OF FOUND IRON PIN APPEARS CONSISTENT WITH
 POSITION OF RR SPIKE FROM PREVIOUS OCCRS,AND IS IN ACCORDANCE WITH OTHER MONUMENTS
 IN THE AREA AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR SECTION CORNER.

NOTE: REFERENCES SHOWN ARE NOT TO SCALE.

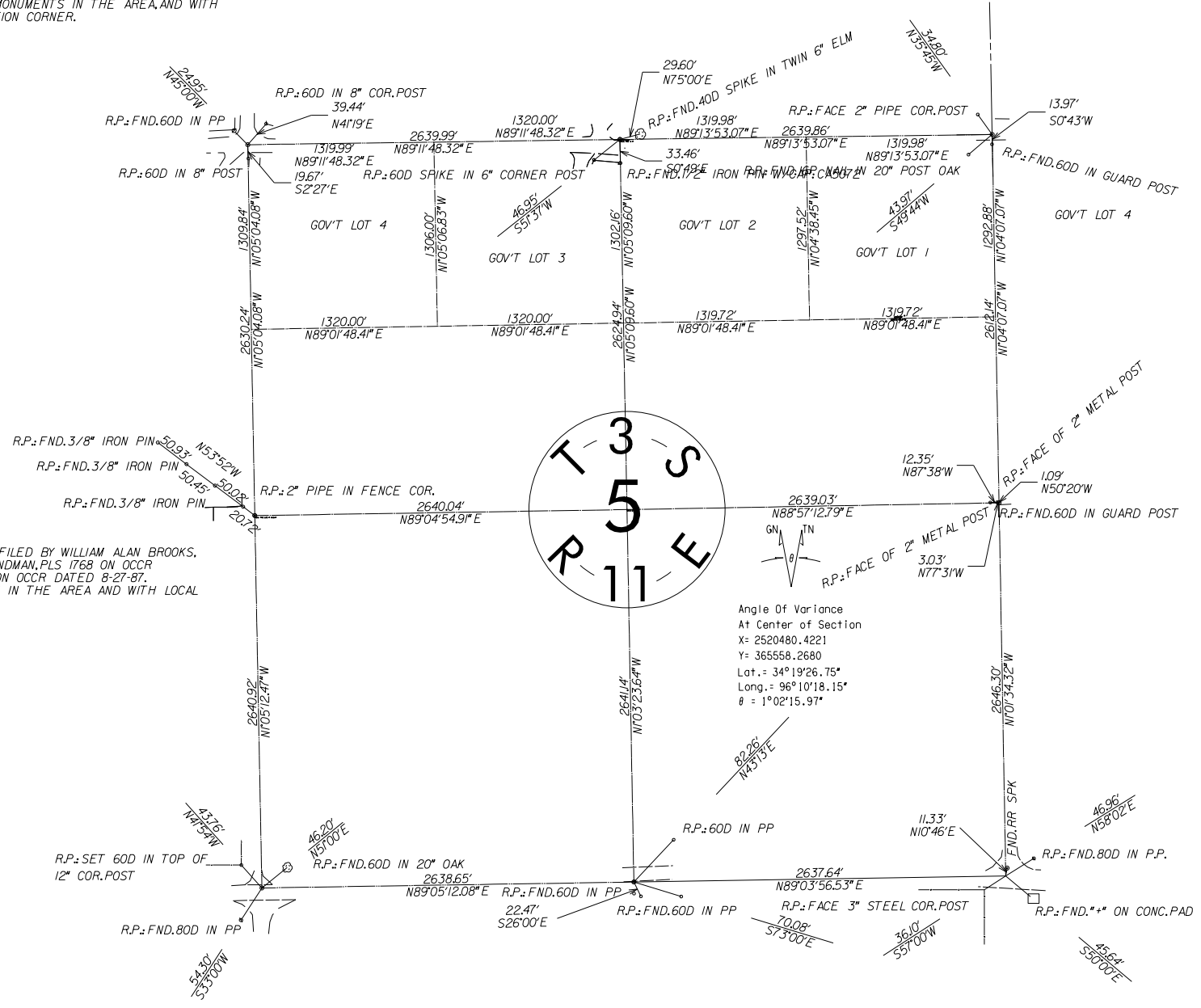
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DRAWN	BLB		<h1>SURVEY DATA SHEET</h1> <p>SWO 5246(II)</p>				
CHECKED							
APPROVED	DKS						
CREW	ANTLERS						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	SO17

PLOT DATE: 26-JUN-2024
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SECTION CORNER A-3-976
 FOUND 1/2" IRON PIN. MONUMENT HAD PREVIOUSLY BEEN FILED ON OCCR DATED 5/5/05, FILED BY WM ALAN BROOKS, PLS 1593. FOUND ONE REFERENCE FROM 1593 OCCR. POSITION OF IRON PIN APPEARS TO BE THE SAME AS POSITION OF PREVIOUSLY REFERENCED BRASS CAP. POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR SECTION CORNER.

QUARTER CORNER A-3-975
 FOUND 1/2" IRON PIN AND ONE REFERENCE, AS INDICATED ON OCCR DATED 1-06-06, FILED BY WALTER KEY, PLS 956. PREVIOUS OCCR FROM DAVID PAGE, PLS 1324, DATED 2-14-95 INDICATED A FOUND ODOT BRASS CAP. POSITION OF FOUND IRON PIN APPEARS TO BE CONSISTENT WITH POSITION OF BRASS CAP, AND IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR QUARTER CORNER.

SECTION CORNER A-3-224R
 FOUND 5/8" IRON PIN. FOUND TWO REFERENCES FROM OCCR FILED BY WALTER KEY, PLS 956, DATED 1/6/06, WHICH INDICATES A FOUND 40D. CHECKS FROM FOUND IRON PIN TO FOUND REFERENCES CONFIRM THAT POSITION OF FOUND IRON PIN IS CONSISTENT WITH POSITION OF 40D ON PREVIOUS OCCR, AND WITH POSITION OF ODOT BRASS CAP, ESTABLISHED UNDER SWO 2810(4). MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA AND WITH LOCAL EVIDENCE. ACCEPTED POSITION OF FOUND IRON PIN FOR SECTION CORNER.



QUARTER CORNER A-3-223R
 FOUND ODOT BRASS MONUMENT A-3-223, AS ESTABLISHED UNDER SWO3303(1) BY O.D. SISK, ODOT LOCATION ENGINEER, OCCR FILED BY DAVID PAGE, PLS 1324, DATED 2-14-95 INDICATED A FOUND 5/8" IRON PIN WITH ODOT PLASTIC CAP. POSITION OF FOUND BRASS CAP IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA AND WITH HIGHWAY PLANS AND LOCAL EVIDENCE. ACCEPTED BRASS CAP AS FOUND FOR QUARTER CORNER.

QUARTER CORNER A-3-977
 FOUND 3/8" IRON PIN WITH CAP (ILLEGIBLE), AS SHOWN ON OCCR FILED BY WILLIAM ALAN BROOKS, PLS 1593, DATED 6/21/06, AND SUBSEQUENTLY FILED BY BRYAN HINDMAN, PLS 1768 ON OCCR DATED 10-10-11. CORNER HAD BEEN PREVIOUSLY FILED BY PLS 901 ON OCCR DATED 8-27-87. POSITION OF MONUMENT IS CONSISTENT WITH OTHER MONUMENTS IN THE AREA AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR QUARTER CORNER.

QUARTER CORNER A-3-982
 FOUND 3/8" IRON PIN AS INDICATED ON OCCR DATED 4/8/10, FILED BY WM ALAN BROOKS, PLS 1593, AND ON SUBSEQUENT OCCR DATED 9/6/13, FILED BY DAVID PAGE, JR., PLS 1566. POSITION OF IRON PIN IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS QUARTER CORNER.

SECTION CORNER A-3-981
 FOUND MAG NAIL W/WASHER AS INDICATED ON OCCR DATED 3/18/04, FILED BY KEVIN GUINN, PLS 1449, AND ON SUBSEQUENT OCCR DATED 4/15/10, FILED BY WM ALAN BROOKS, PLS 1593. POSITION OF MONUMENT APPEARS TO BE SAME AS ODOT MONUMENT A-3-481 AS ESTABLISHED UNDER SWO3303(1) IN 1977. MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED FOUND MAG NAIL AS SECTION CORNER. ALSO FOUND RR SPIKE AS INDICATED ON OCCR DATED 12/12/03 BY DAVID PAGE, JR., PLS 1566. DID NOT ACCEPT.

SECTION CORNER A-3-983
 FOUND BRASS CAP AS INDICATED ON OCCR DATED 4/15/10, FILED BY WM ALAN BROOKS, PLS 1593. POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED BRASS CAP AS FOUND FOR SECTION CORNER.

NOTE: REFERENCES SHOWN ARE NOT TO SCALE.

PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION				
DRAWN	BLB		<h1>SURVEY DATA SHEET</h1> <p>SWO 5246(1)</p>				
CHECKED							
APPROVED	DKS						
CREW	ANTLERS						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	S018

PLOT DATE: 26-JUN-2024
 FILENAME: pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Survey Data Sheets.dgn

SECTION CORNER A-3-983
 FOUND BRASS CAP AS INDICATED ON OCCR DATED 4/15/10, FILED BY WM. ALAN BROOKS, PLS 1593.
 POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED BRASS CAP AS FOUND FOR SECTION CORNER.

QUARTER CORNER A-3-982
 FOUND 3/8" IRON PIN AS INDICATED ON OCCR DATED 4/8/10, FILED BY WM. ALAN BROOKS, PLS 1593,
 AND ON SUBSEQUENT OCCR DATED 9/6/13, FILED BY DAVID PAGE, JR., PLS 1566.
 POSITION OF IRON PIN IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS QUARTER CORNER.

SECTION CORNER A-3-981
 FOUND MAG NAIL W/WASHER AS INDICATED ON OCCR DATED 3/18/04, FILED BY KEVIN GUINN, PLS 1449, AND ON SUBSEQUENT OCCR DATED 4/15/10, FILED BY WM. ALAN BROOKS, PLS 1593. POSITION OF MONUMENT APPEARS TO BE SAME AS ODOT MONUMENT A-3-481 AS ESTABLISHED UNDER SW03303(1) IN 1977. MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED FOUND MAG NAIL AS SECTION CORNER.
 ALSO FOUND RR SPIKE AS INDICATED ON OCCR DATED 12/12/03 BY DAVID PAGE, JR., PLS 1566. DID NOT ACCEPT.

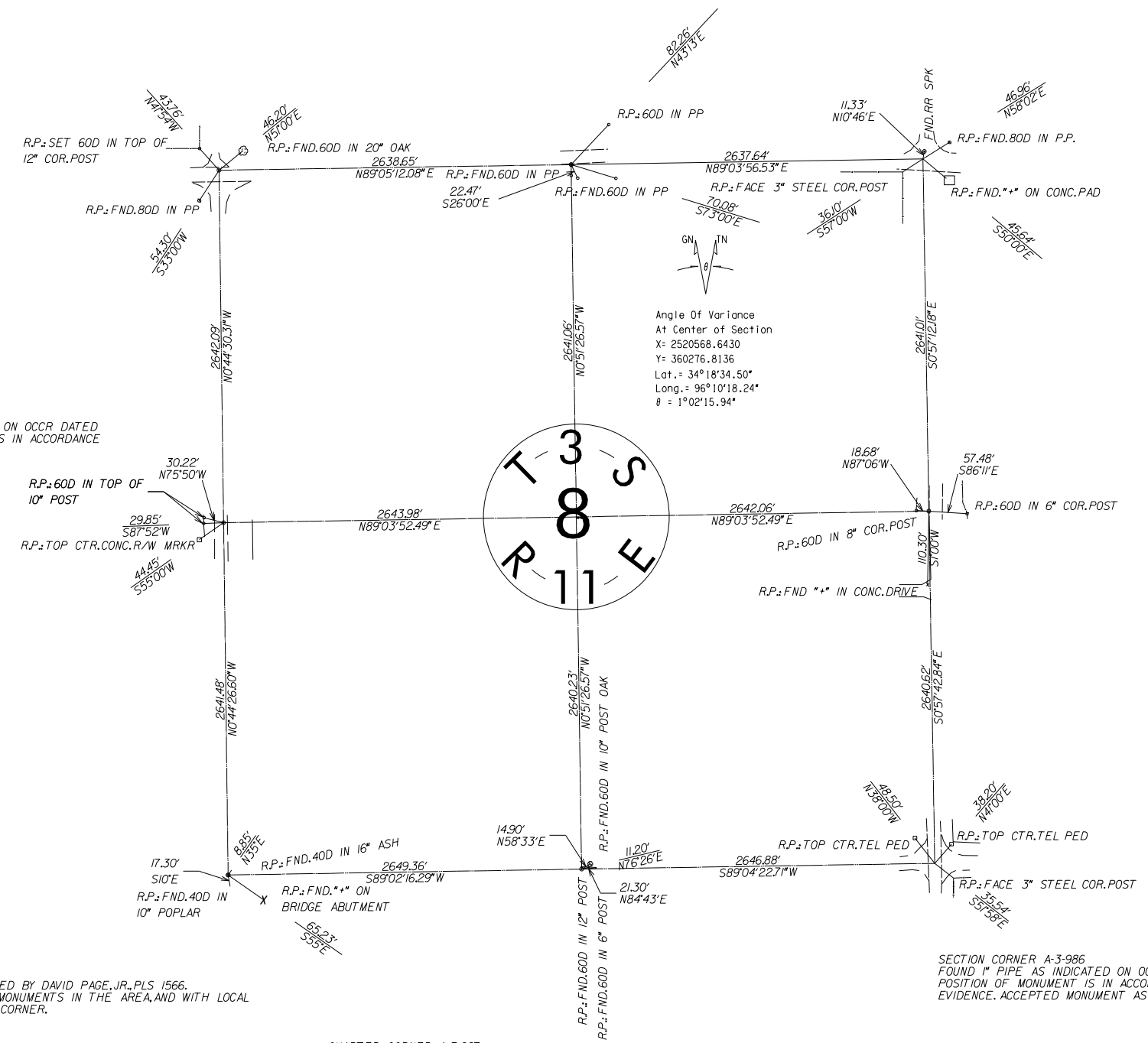
QUARTER CORNER A-3-984
 FOUND 1/2" IRON PIN (NO CAP) AS INDICATED ON OCCR DATED 10/2/13 AND ON OCCR DATED 11/14/07, BOTH FILED BY DAVID PAGE, JR., PLS 1566. POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS FOUND FOR QUARTER CORNER.

QUARTER CORNER A-3-985
 FOUND 1/2" IRON PIN AS DESCRIBED ON OCCR DATED 4/8/10, FILED BY WM. ALAN BROOKS, PLS 1593. POSITION OF MONUMENT APPEARS TO BE CONSISTENT WITH POSITION OF ODOT MONUMENT A-3-480, AS ESTABLISHED UNDER SW03303(1) IN 1977, AND SUBSEQUENTLY FILED ON OCCR DATED 3/6/04 BY KEVIN GUINN, PLS 1449. POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA AND WITH LOCAL EVIDENCE. ACCEPTED MONUMENT AS FOUND FOR QUARTER CORNER.

SECTION CORNER A-3-988
 FOUND 2" PIPE AS INDICATED ON OCCR DATED 10-7-07, FILED BY DAVID PAGE, JR., PLS 1566.
 POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED MONUMENT AS FOUND FOR SECTION CORNER.

QUARTER CORNER A-3-987
 FOUND 1/2" IRON PIN AS INDICATED ON OCCR DATED 4/10/10, FILED BY WM. ALAN BROOKS, PLS 1593,
 AND ON SUBSEQUENT OCCR DATED 5/4/12, FILED BY ANDREW BONTJE, PLS 1614. FOUND REFERENCES AS SHOWN ON BONTJE OCCR. POSITION OF IRON PIN IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED IRON PIN AS QUARTER CORNER.

SECTION CORNER A-3-986
 FOUND 1" PIPE AS INDICATED ON OCCR DATED 4/15/2010, FILED BY WM. ALAN BROOKS, PLS 1593.
 POSITION OF MONUMENT IS IN ACCORDANCE WITH OTHER MONUMENTS IN THE AREA, AND WITH LOCAL EVIDENCE. ACCEPTED MONUMENT AS FOUND FOR SECTION CORNER.



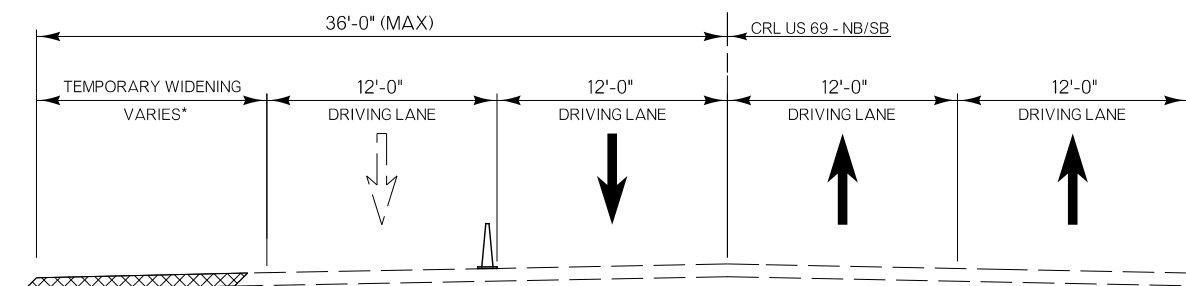
NOTE: REFERENCES SHOWN ARE NOT TO SCALE.

PLS	BLB		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION				
DRAWN	BLB		<h1>SURVEY DATA SHEET</h1> <p>SWO 5246(1)</p>				
CHECKED							
APPROVED	DKS						
CREW	ANTLERS						
COUNTY	ATOKA	HIGHWAY	US 69	STATE JOB NO	30410(04)	SHEET NO	S019

REVISIONS		
REV. NO.	DESCRIPTION	DATE

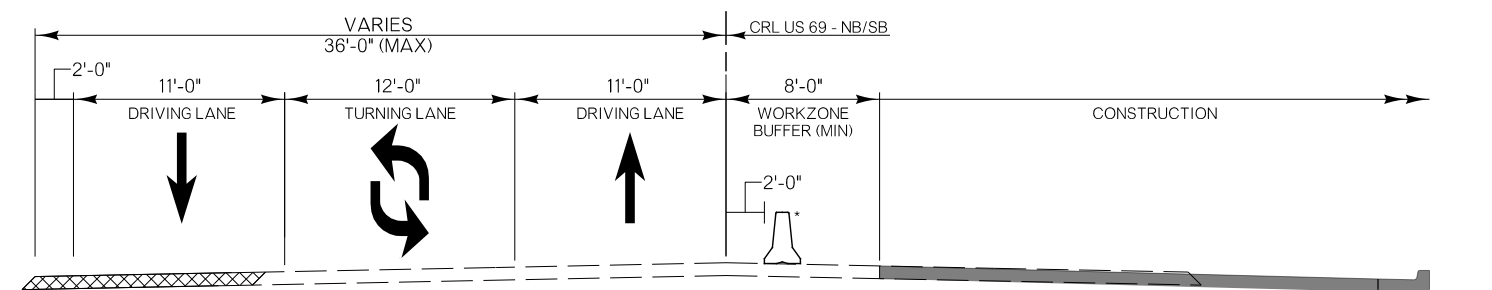
PRELIMINARY PLANS
NOT FOR CONSTRUCTION

PRE-CONSTRUCTION



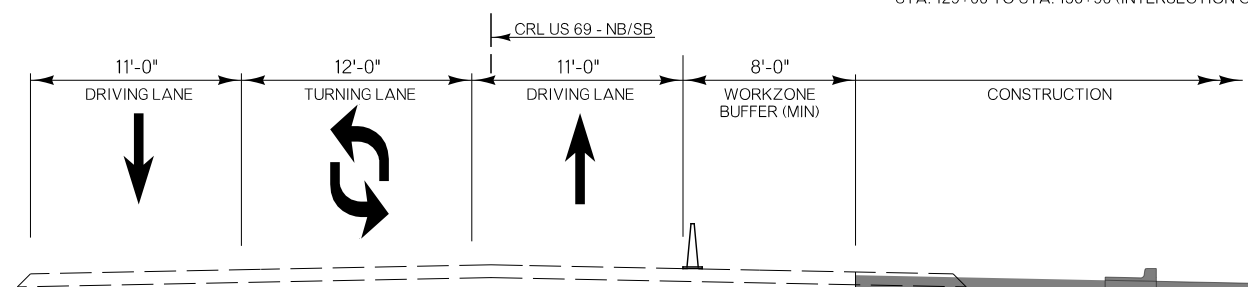
*NOTE: TEMPORARY WIDENING
STA. 123+45 TO STA. 138+00

PHASE 1



STA. 123+45 TO STA. 138+00

*NOTE: TEMPORARY CONCRETE BARRIER
STA. 107+60 TO STA. 120+70 (RCB CONSTRUCTION)
STA. 129+00 TO STA. 136+90 (INTERSECTION CONST.)



BEGINNING TO STA. 123+45
STA. 138+00 TO END

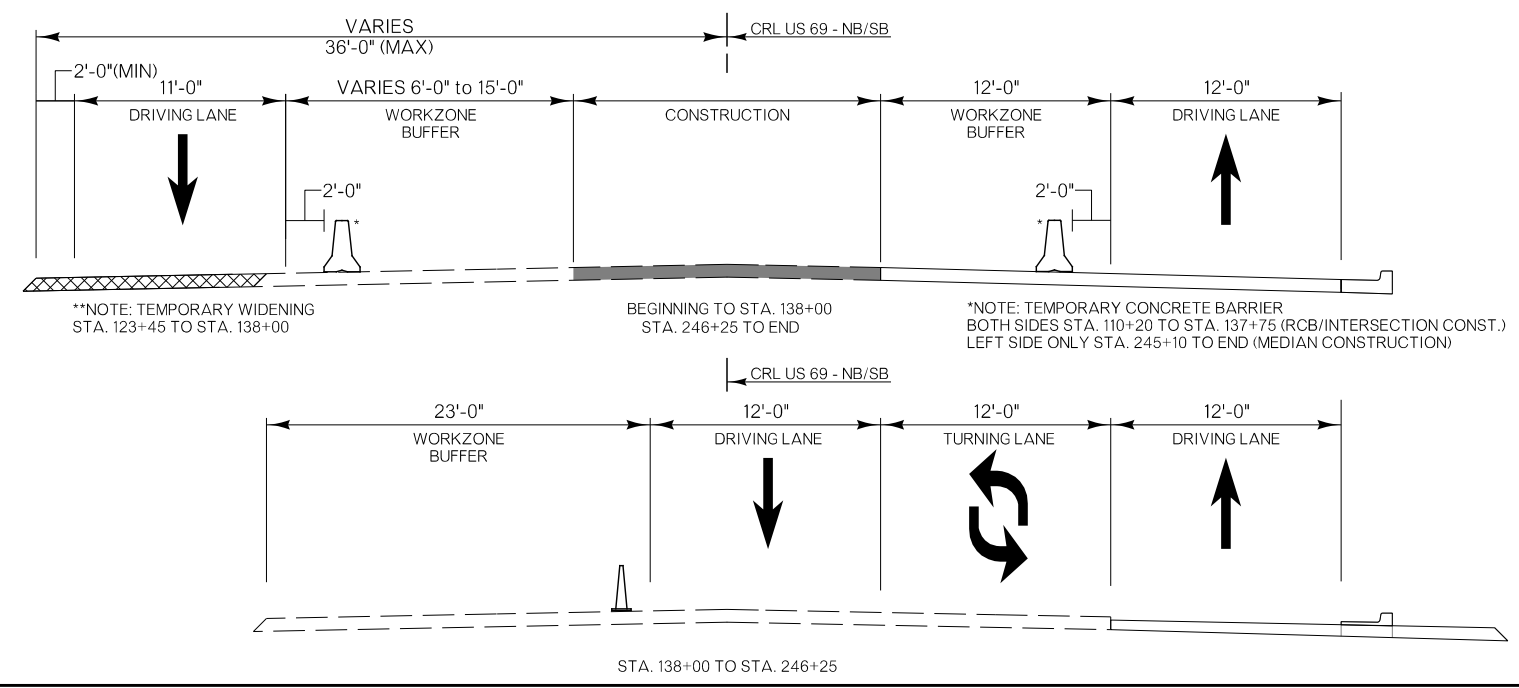
NOTE: STATION LIMITS ARE FOR REFERENCE ONLY, SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL DETAIL.

DISTRICT 02	ATOKA COUNTY	DETAIL:	EEB
US-69		CHECK:	RBH
SEQUENCE OF CONSTRUCTION TYPICAL SECTIONS		ENGINEER:	MJG
		HNTB	
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T001

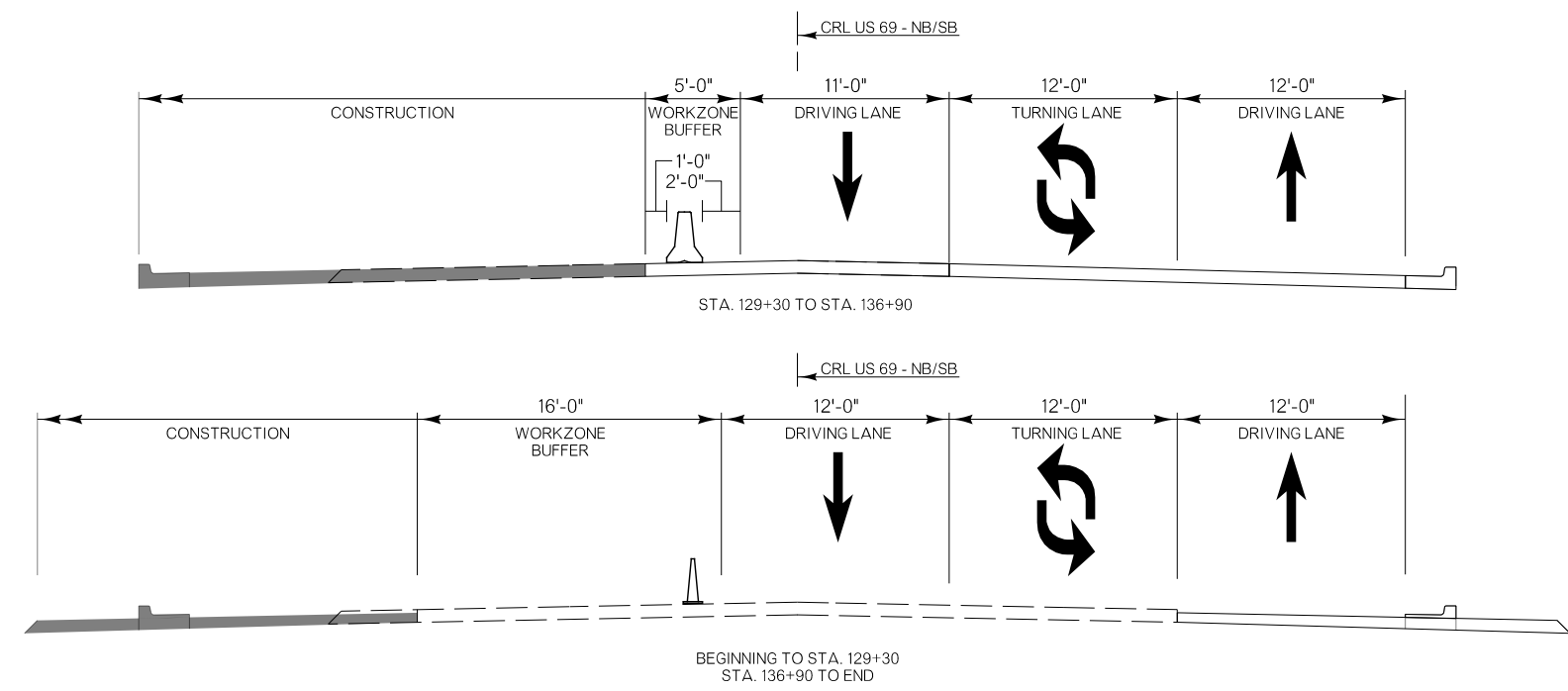
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

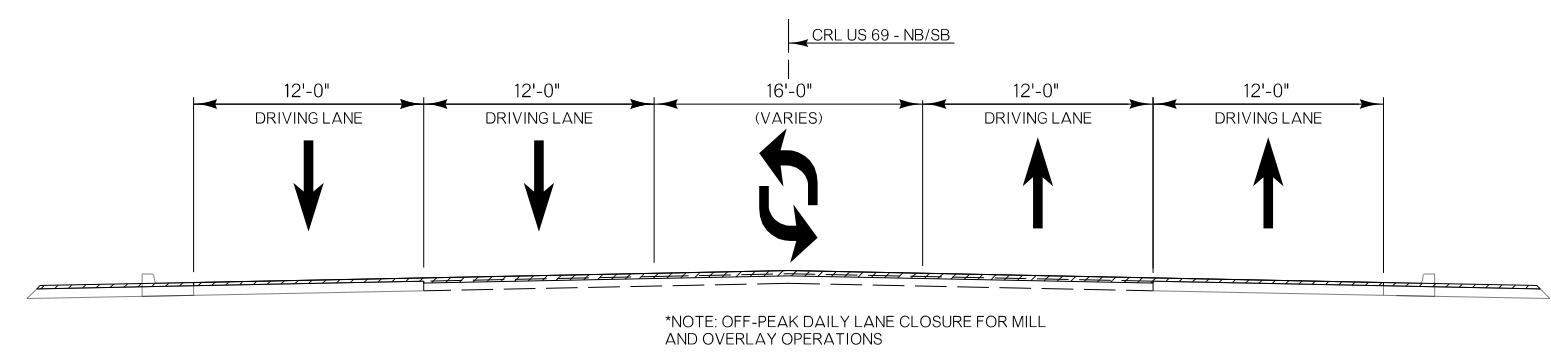
PHASE 2



PHASE 3



PHASE 4



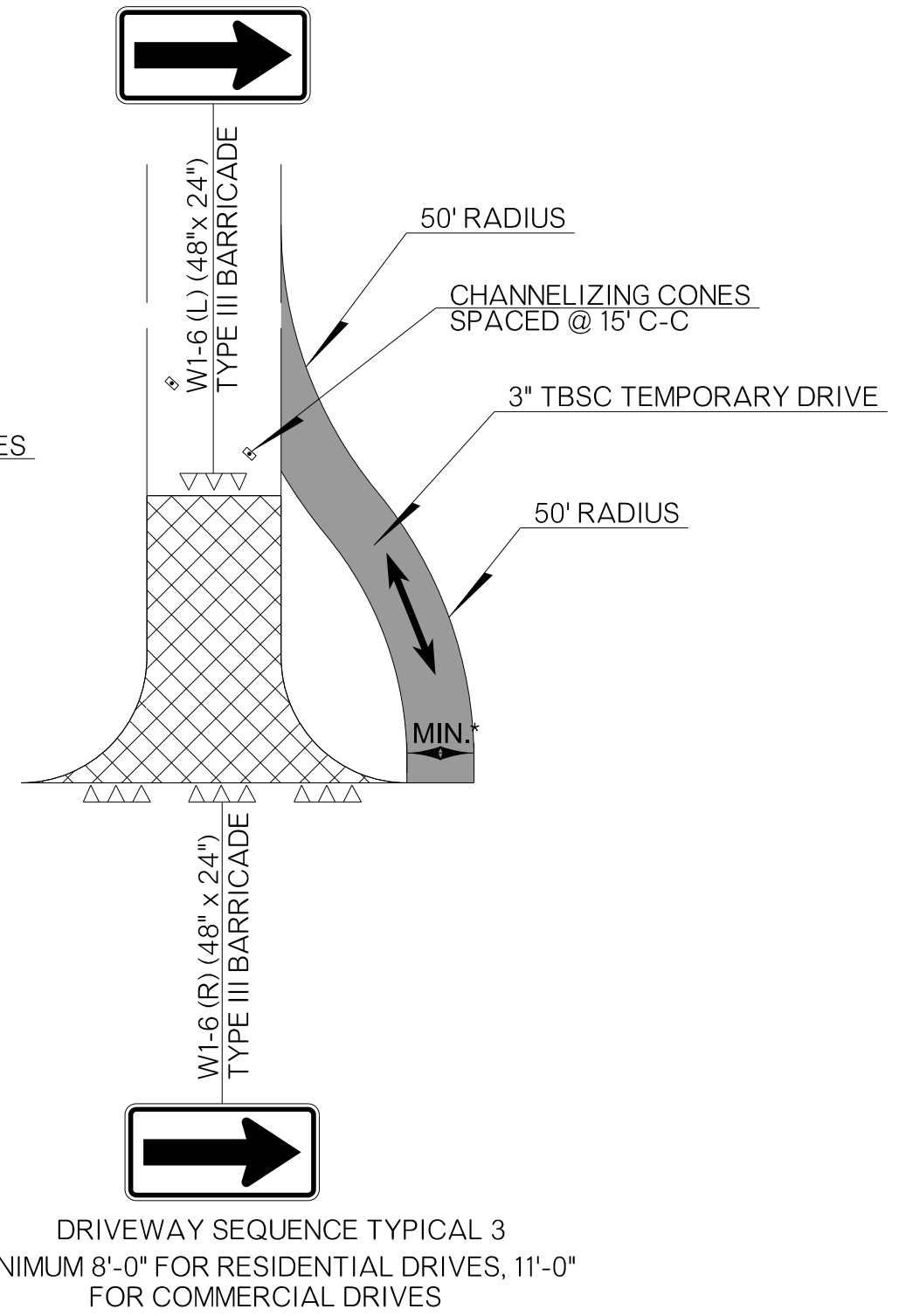
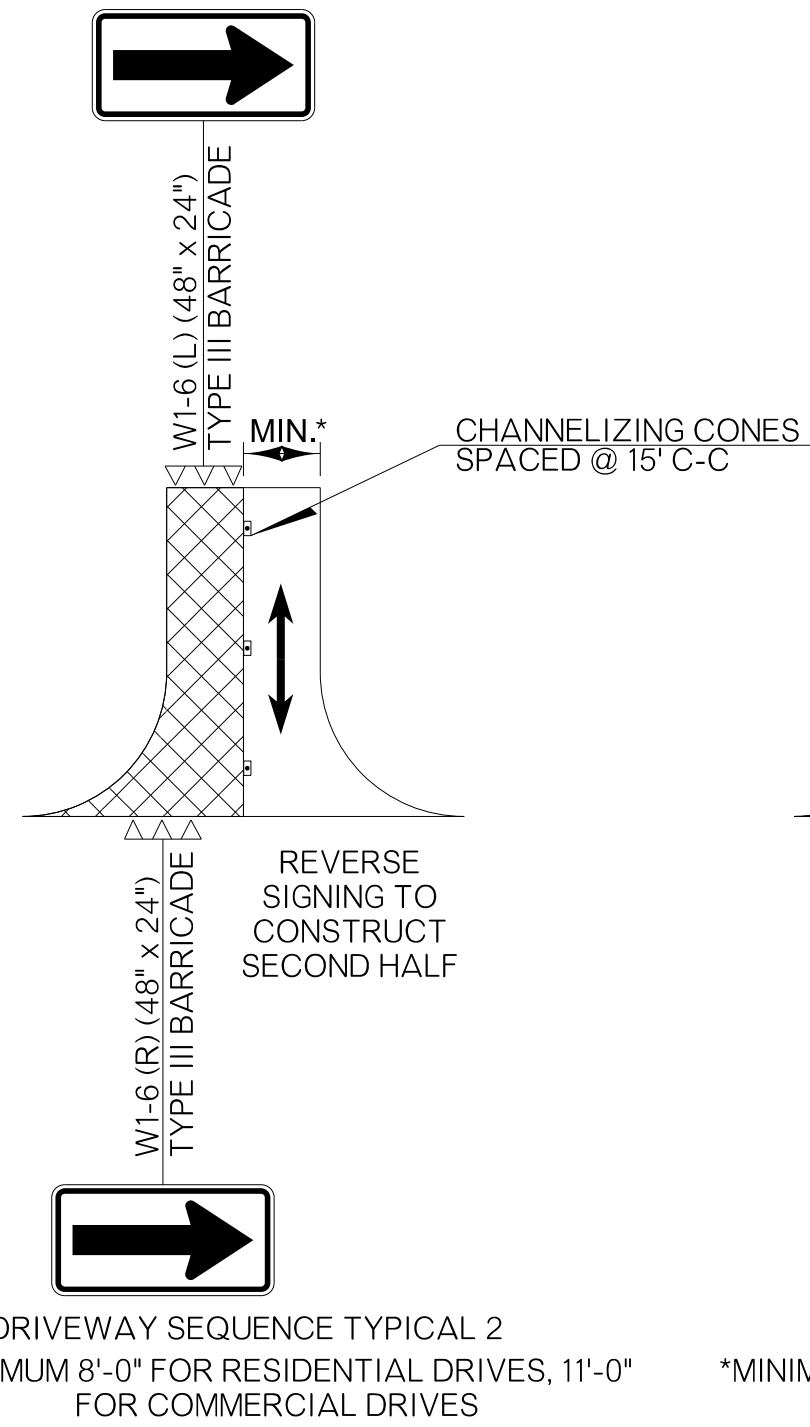
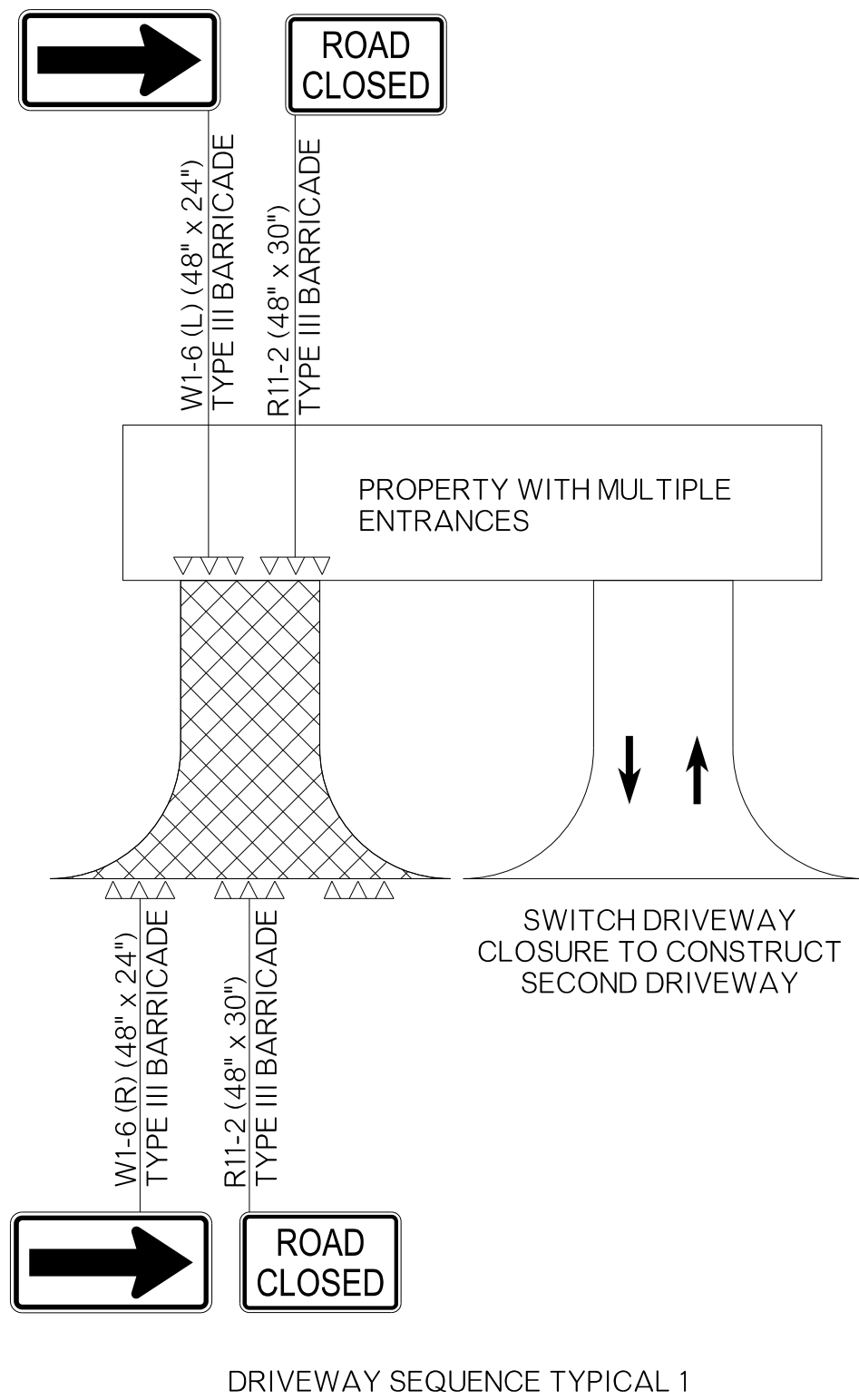
NOTE: STATION LIMITS ARE FOR REFERENCE ONLY, SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL DETAIL

DISTRICT 02	ATOKA COUNTY	DETAIL:	EEB
US-69		CHECK:	RBH
SEQUENCE OF CONSTRUCTION TYPICAL SECTIONS		ENGINEER:	MJG
		HNTB	
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T002

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-SeqConstTypical.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

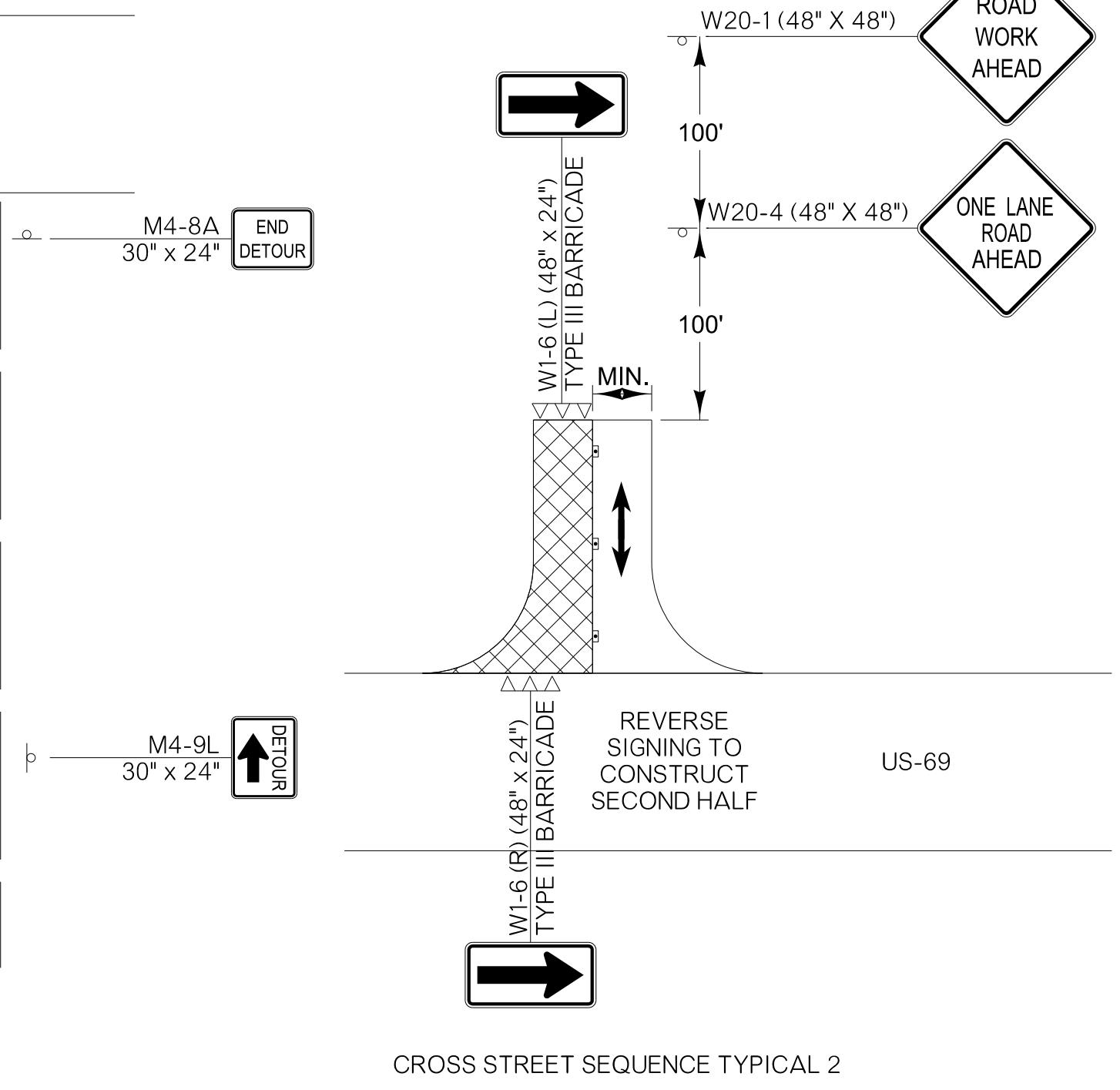
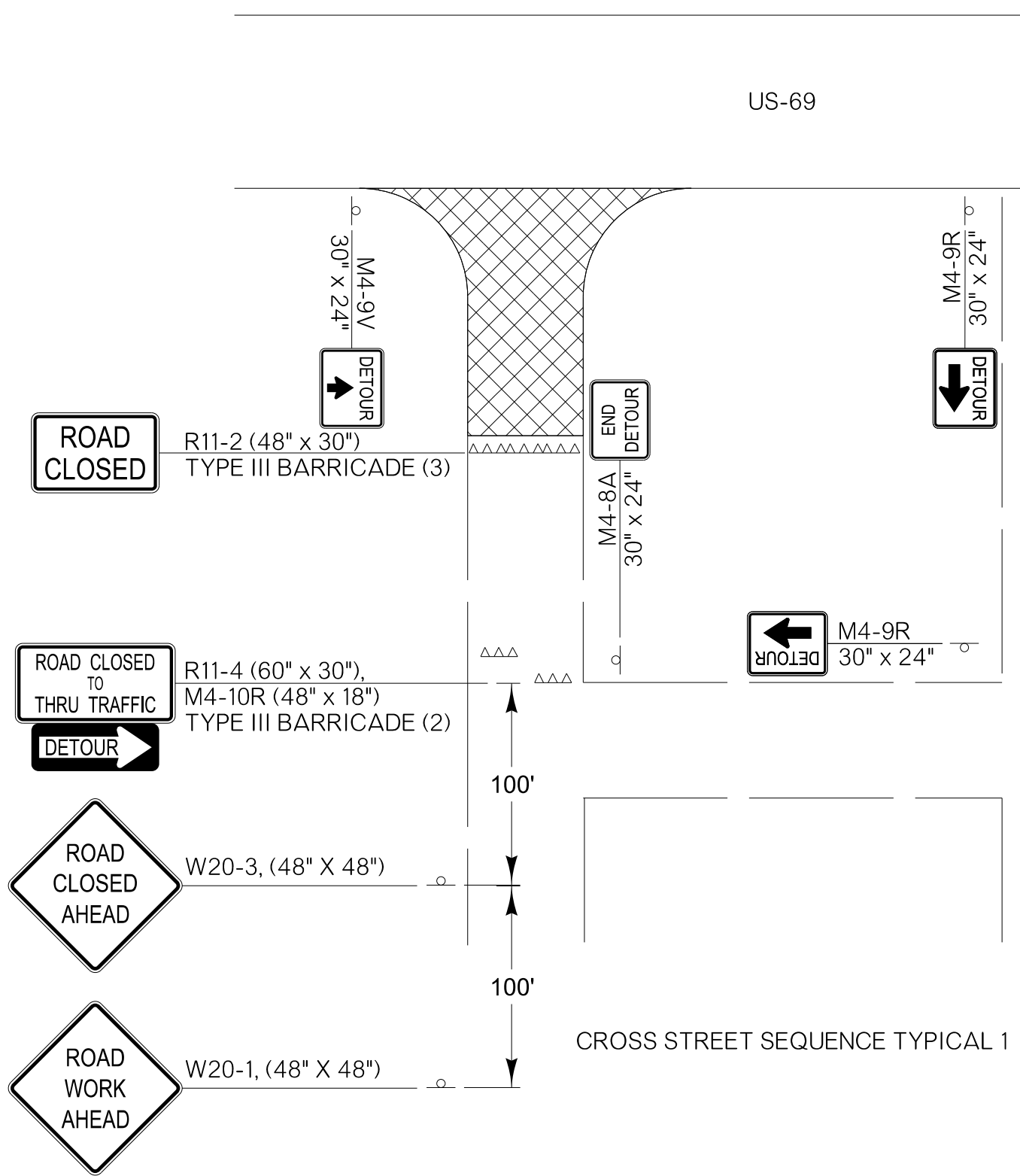


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
DRIVEWAY SEQUENCE OF CONSTRUCTION		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T003	

26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-SeqConstTypical.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



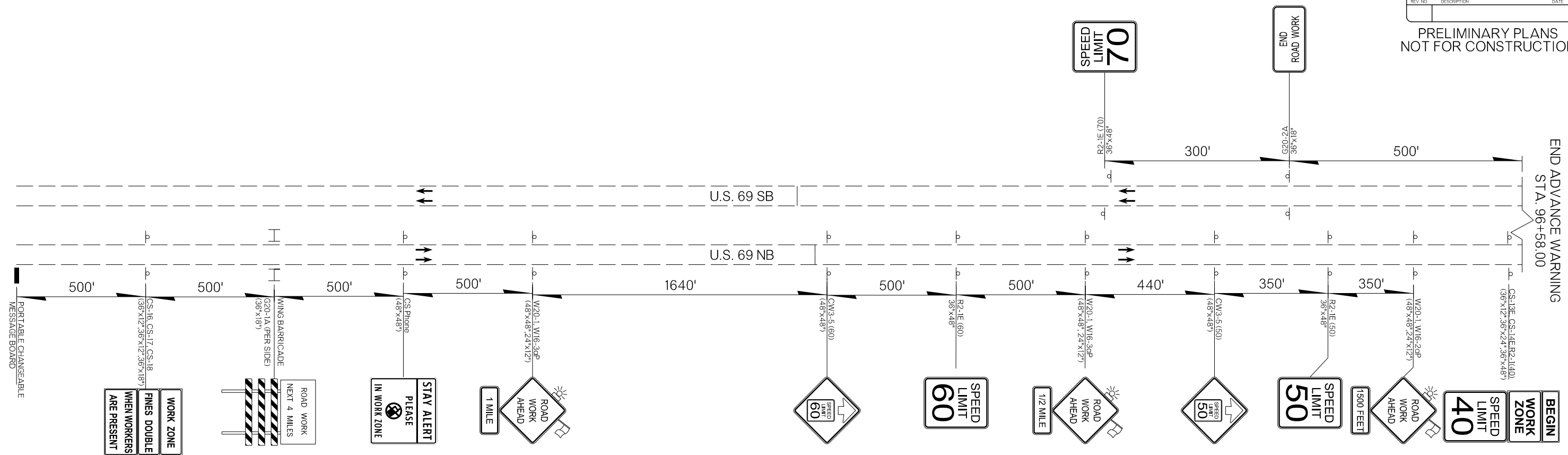
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DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
CROSS STREET SEQUENCE OF CONSTRUCTION		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T004	

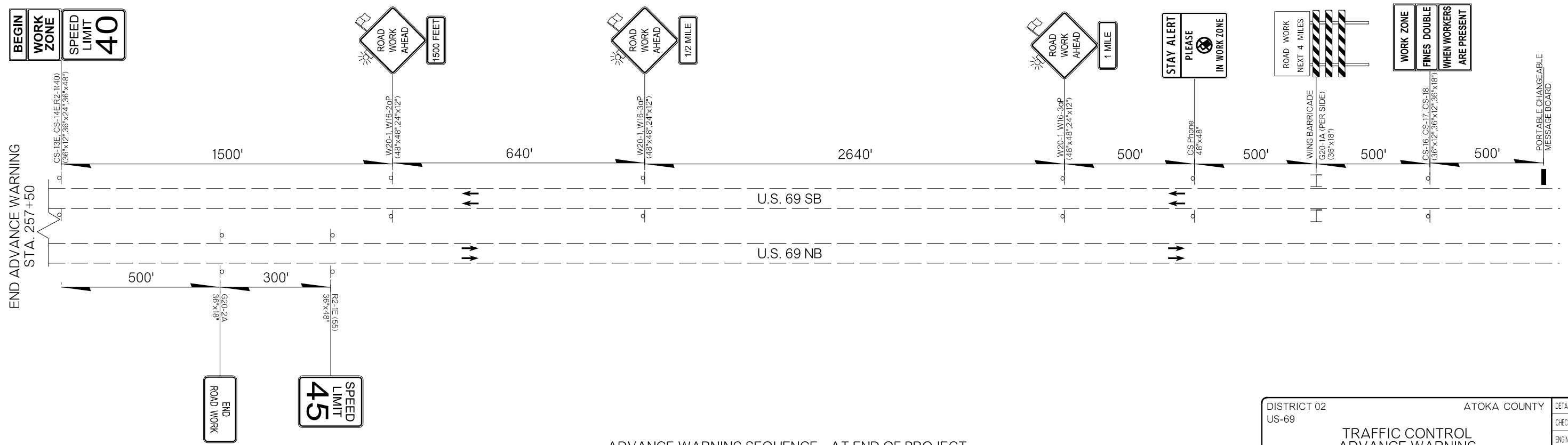


REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



ADVANCE WARNING SEQUENCE - AT BEGINNING OF PROJECT

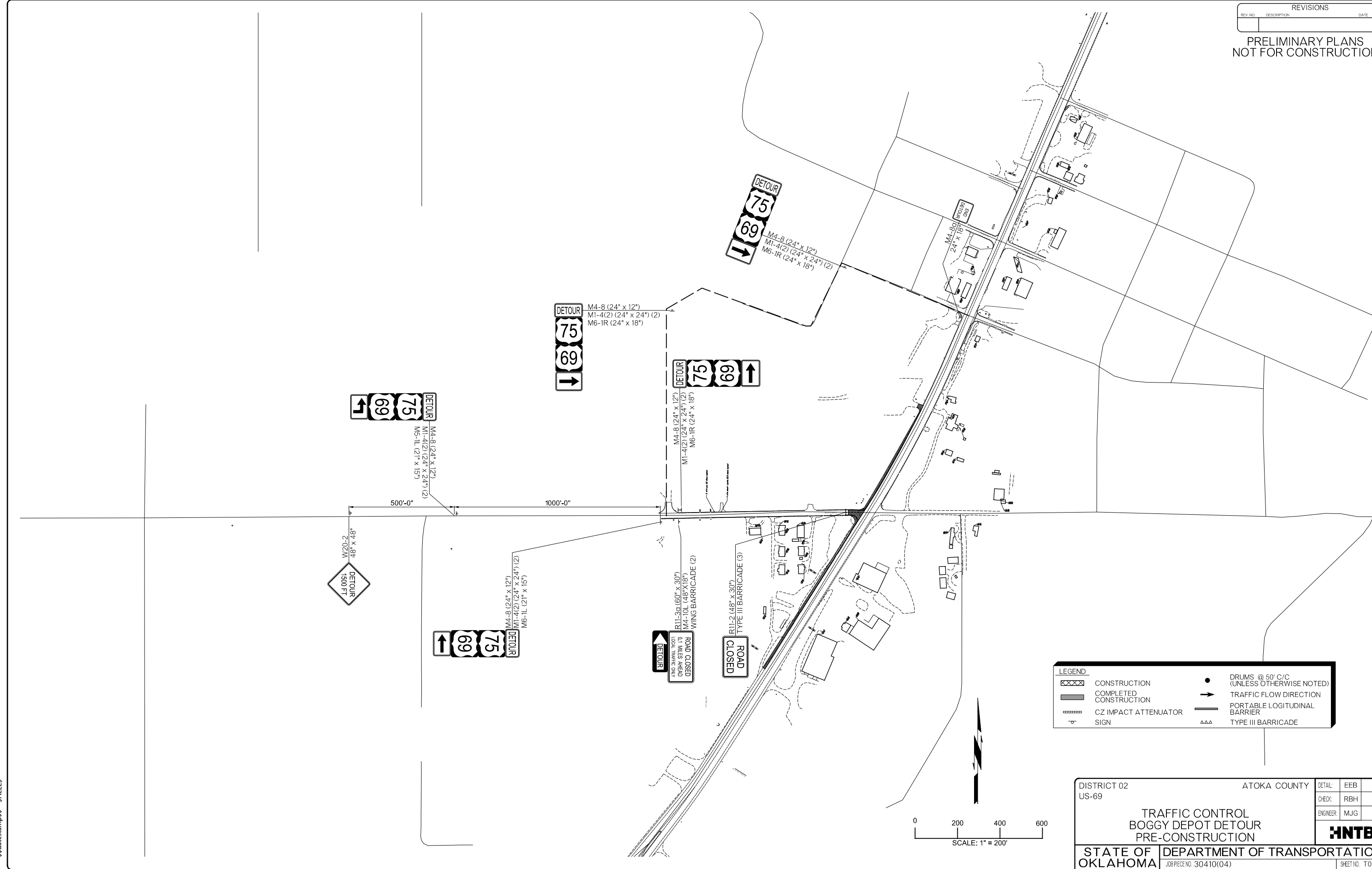


ADVANCE WARNING SEQUENCE - AT END OF PROJECT
ADVANCE WARNING SIGNS TO BE COORDINATED WITH
TRAFFIC CONTROL DEVICES AND SIGNING ON JOB PIECE
NO. 35732(04)

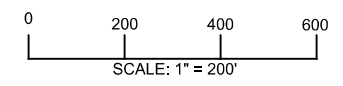
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: GIS
TRAFFIC CONTROL ADVANCE WARNING		CHECK: RBH
		ENGINEER: RDB
STATE OF OKLAHOMA		HNTB
DEPARTMENT OF TRANSPORTATION		
JOB/PIECE NO. 30410(04)		SHEET NO. T005

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS @ 50' C/C (UNLESS OTHERWISE NOTED)
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL BOGGY DEPOT DETOUR PRE-CONSTRUCTION		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		HNTB
DEPARTMENT OF TRANSPORTATION <small>JOB/PIECE NO. 30410(04)</small>		SHEET NO. T006

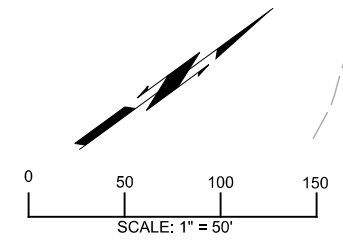
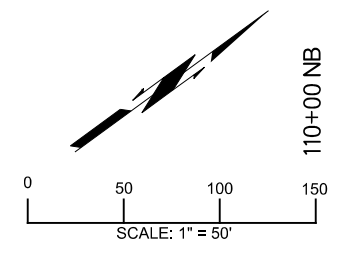
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

LEGEND			
	UNDER CONSTRUCTION		DRUMS
	COMPLETED CONSTRUCTION		TRAFFIC FLOW DIRECTION
	CZ IMPACT ATTENUATOR		PORTABLE LOGITUDINAL BARRIER
	SIGN		TYPE III BARRICADE



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PRE CONSTRUCTION		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T007	



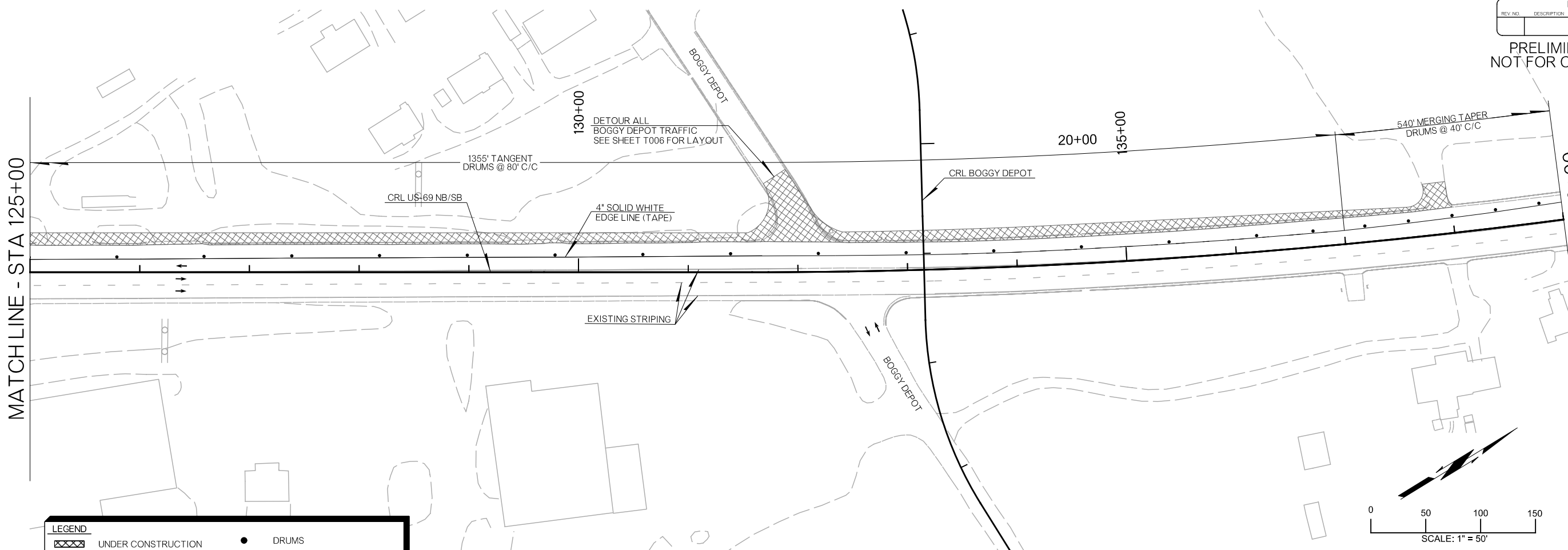
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

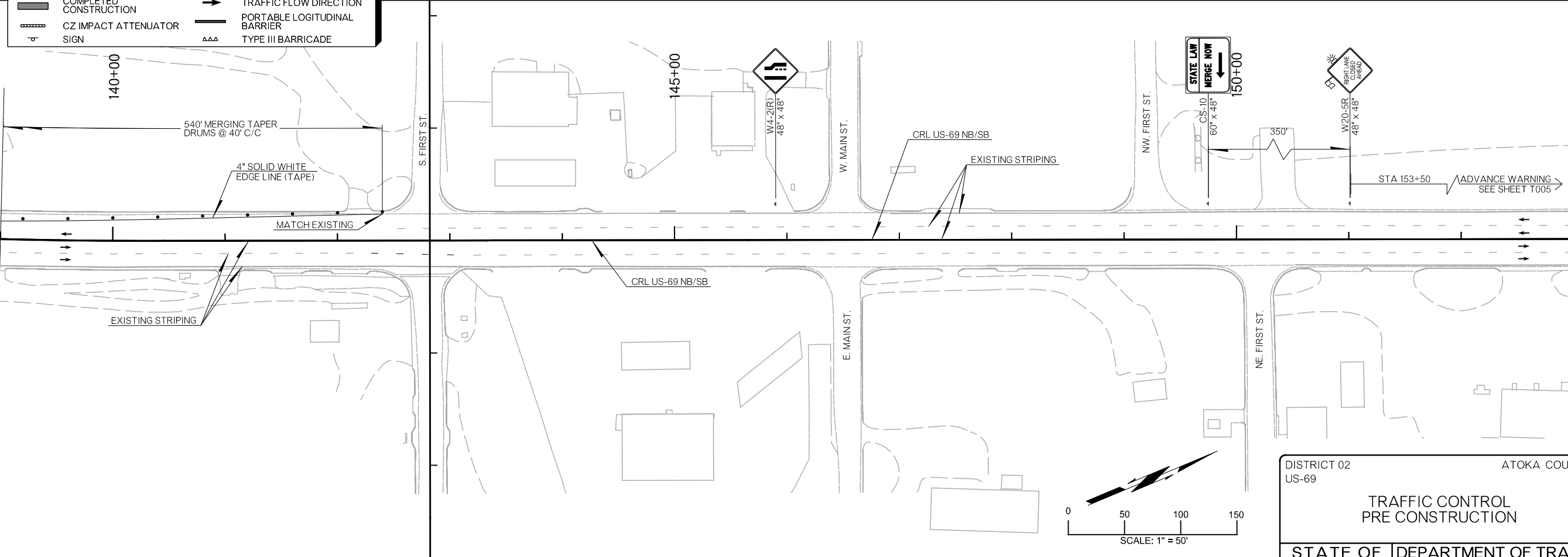
MATCHLINE - STA 125+00

MATCHLINE - STA 139+00



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

MATCHLINE - STA 139+00

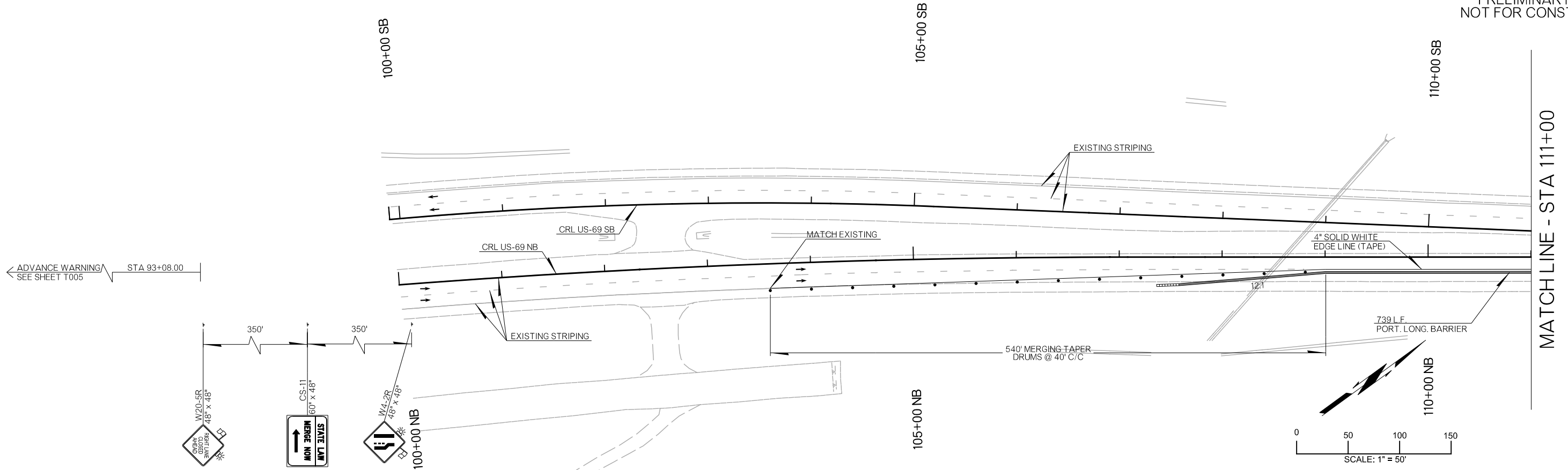


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PRE CONSTRUCTION		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

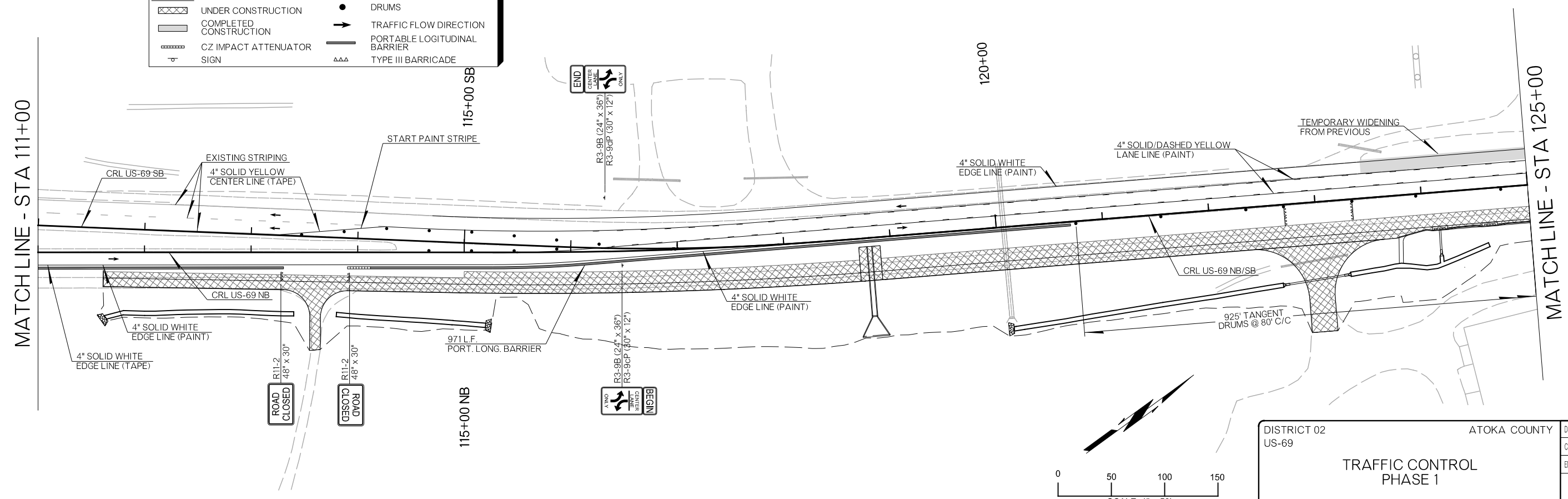
HNTB

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

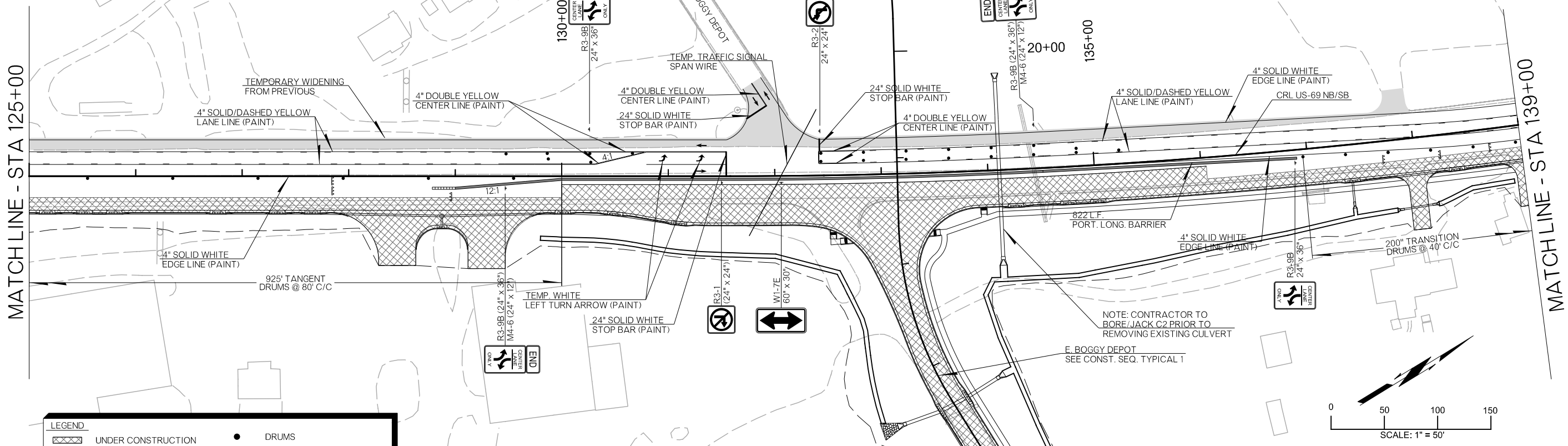


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL PHASE 1		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION
JOBPIECE NO. 30410(04)		SHEET NO. T009

26-JUN-2024 pw://pw-int.hntb.org/PWCentral/Div/Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase1.dgn

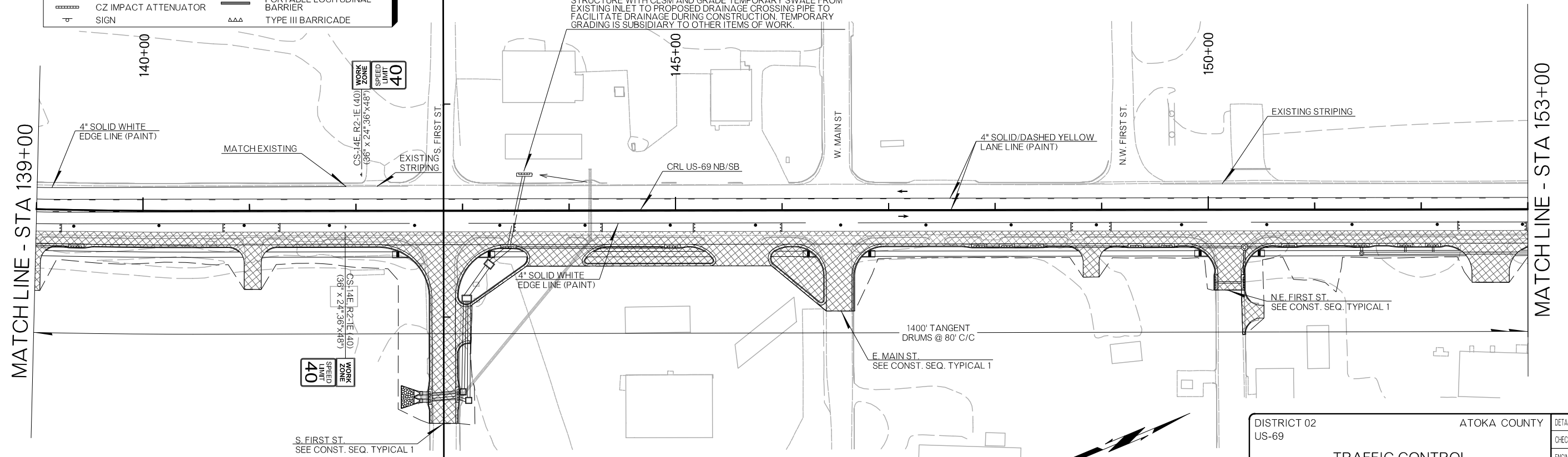
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

NOTE: CONTRACTOR TO FILL EXISTING CROSS DRAINAGE STRUCTURE WITH CLSM AND GRADE TEMPORARY SWALE FROM EXISTING INLET TO PROPOSED DRAINAGE CROSSING PIPE TO FACILITATE DRAINAGE DURING CONSTRUCTION. TEMPORARY GRADING IS SUBSIDIARY TO OTHER ITEMS OF WORK.



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL PHASE 1		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		HNTB
DEPARTMENT OF TRANSPORTATION		
JOB/PIECE NO. 30410(04)		SHEET NO. T010

26-JUN-2024 pw://pw-int.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase 1.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

MATCHLINE - STA 153+00

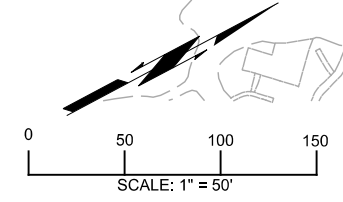
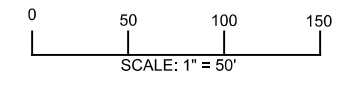
MATCHLINE - STA 167+00

MATCHLINE - STA 167+00

MATCHLINE - STA 181+00

LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

WORK ZONE
LIMIT
40

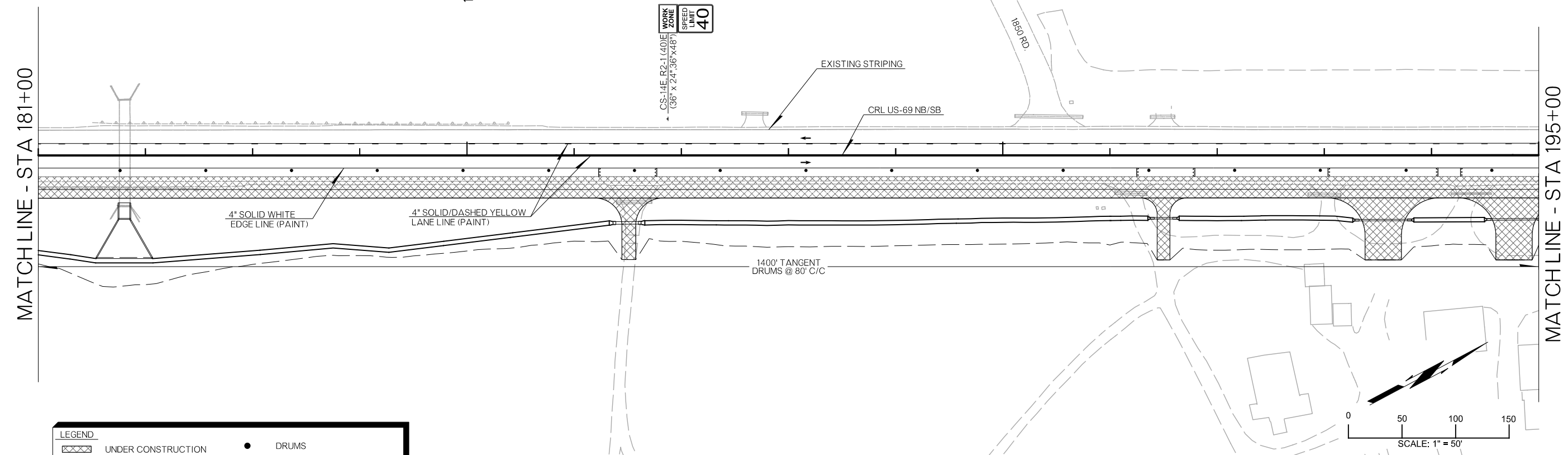


26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-TrafficControl_Phase1.dgn

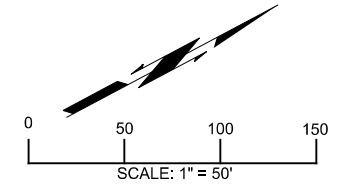
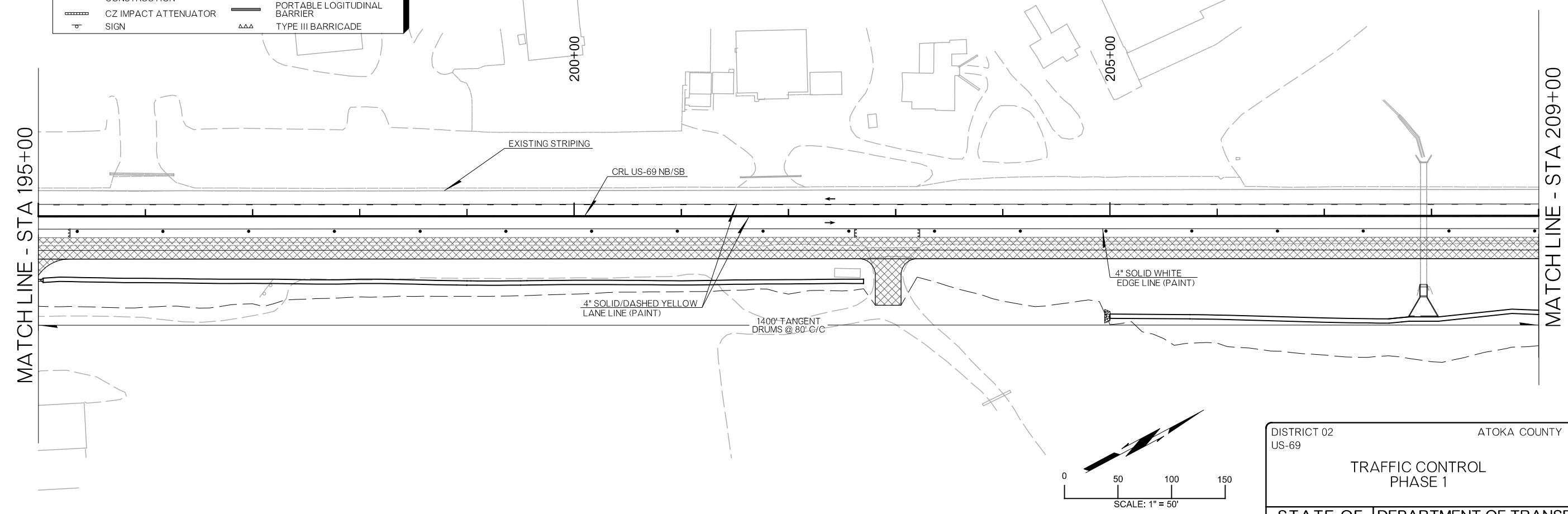
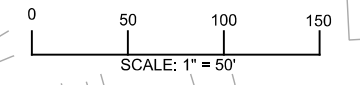
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 1		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T011

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



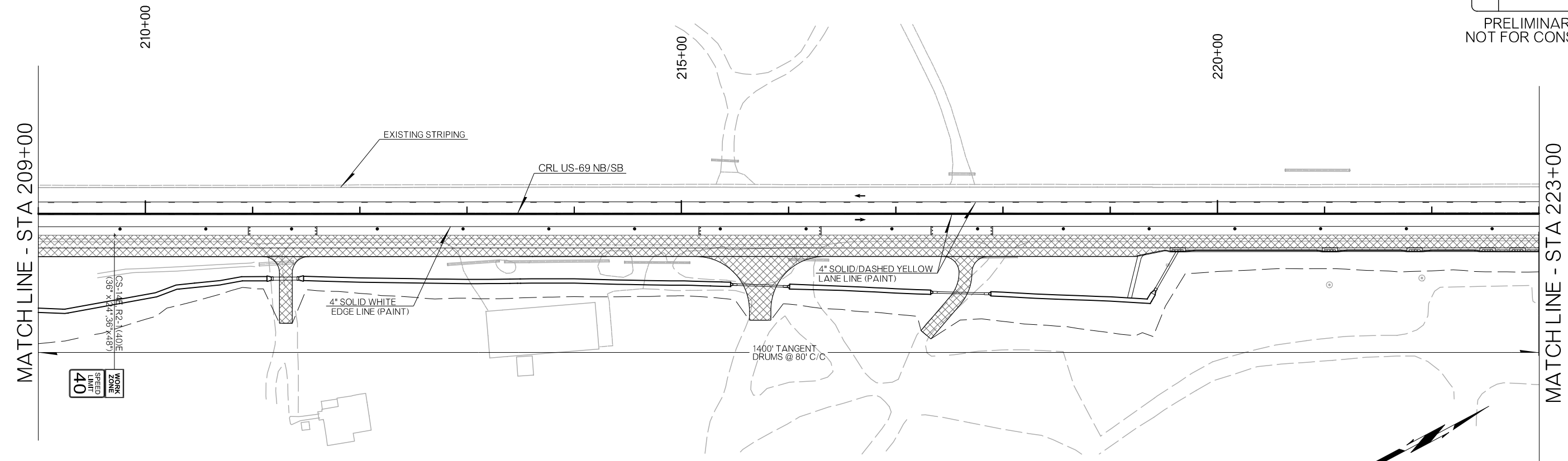
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 1		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(O4)	SHEET NO. T012

26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Roadway\30410(O4)-TrafficControl_Phase 1.dgn

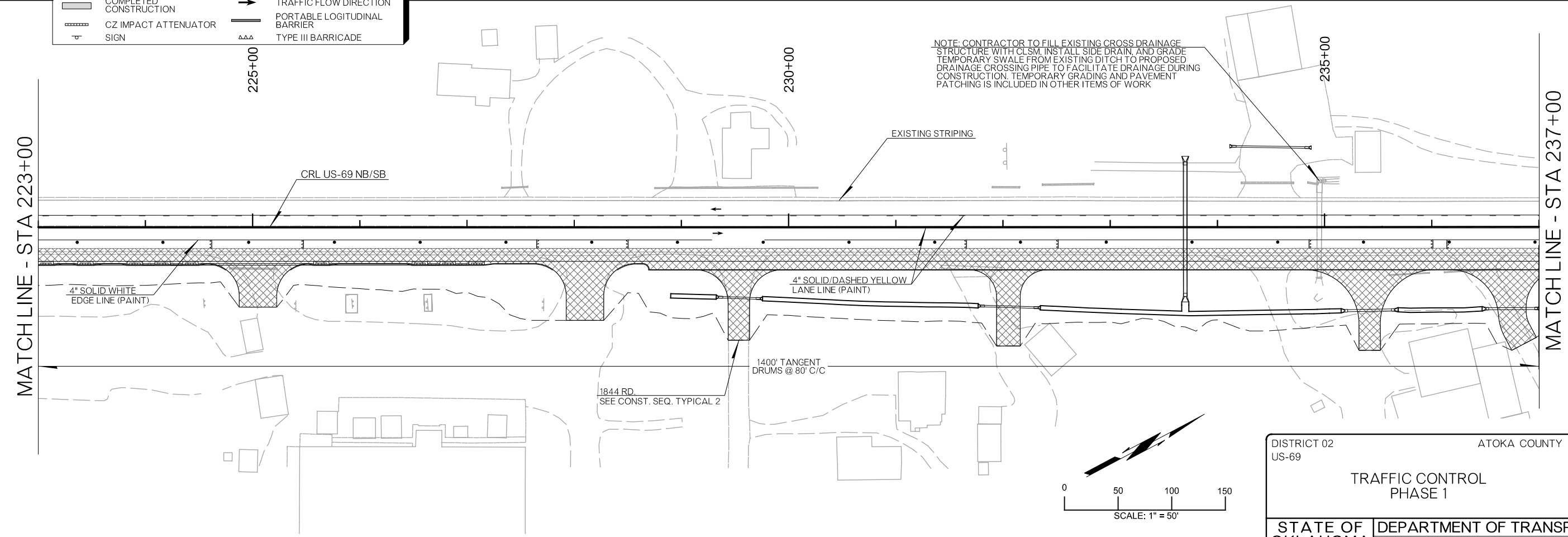
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

26-JUN-2024 pw://pw-int.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase1.dgn



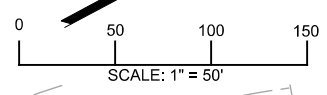
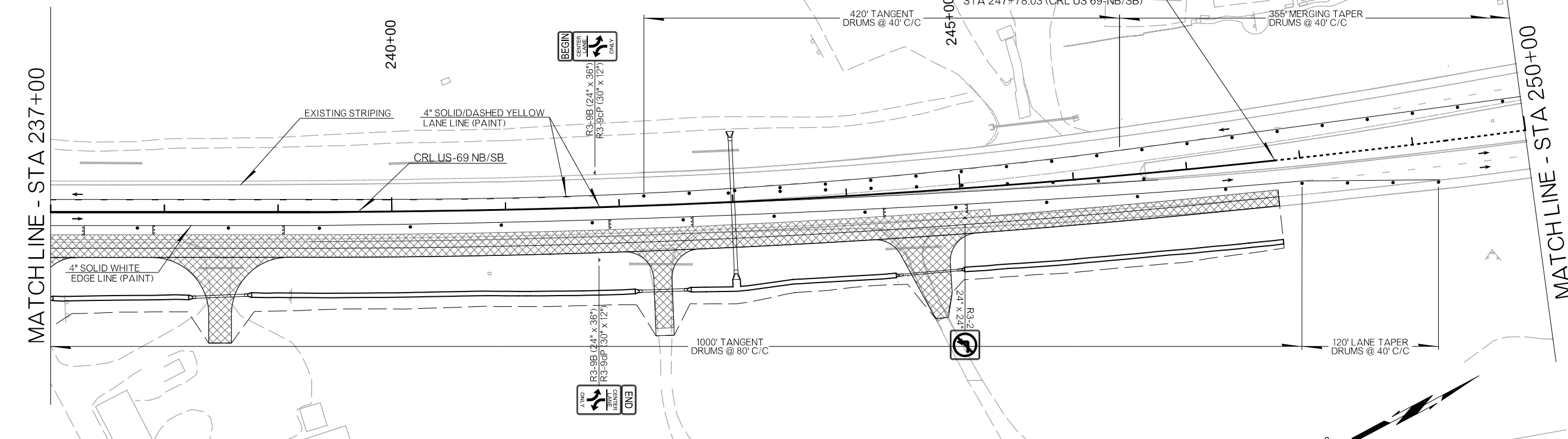
LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



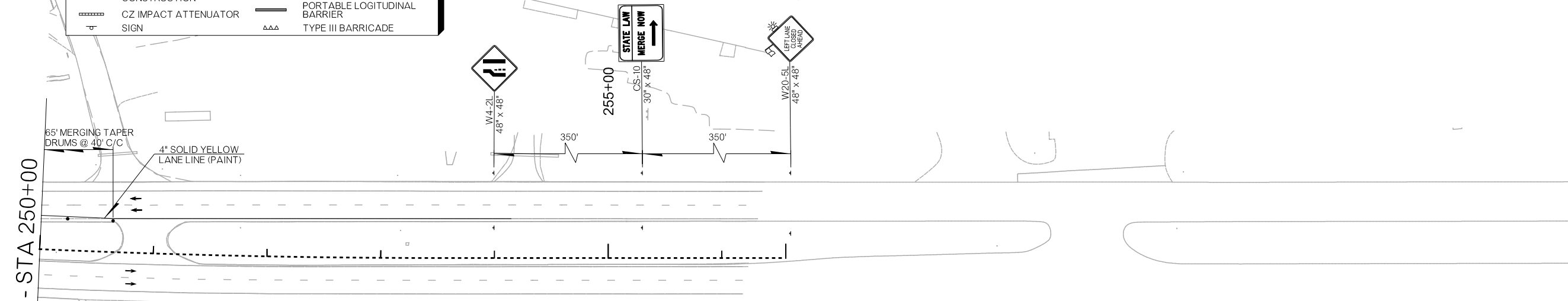
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 1		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T013

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

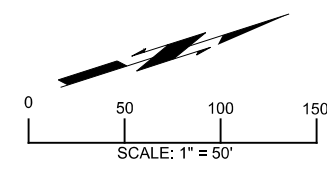


LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



TRAFFIC CONTROL SIGNS AND DEVICES TO BE COORDINATED WITH JOB PIECE NO. 35732(04)

STA 261+00 ADVANCE WARNING SEE SHEET T005

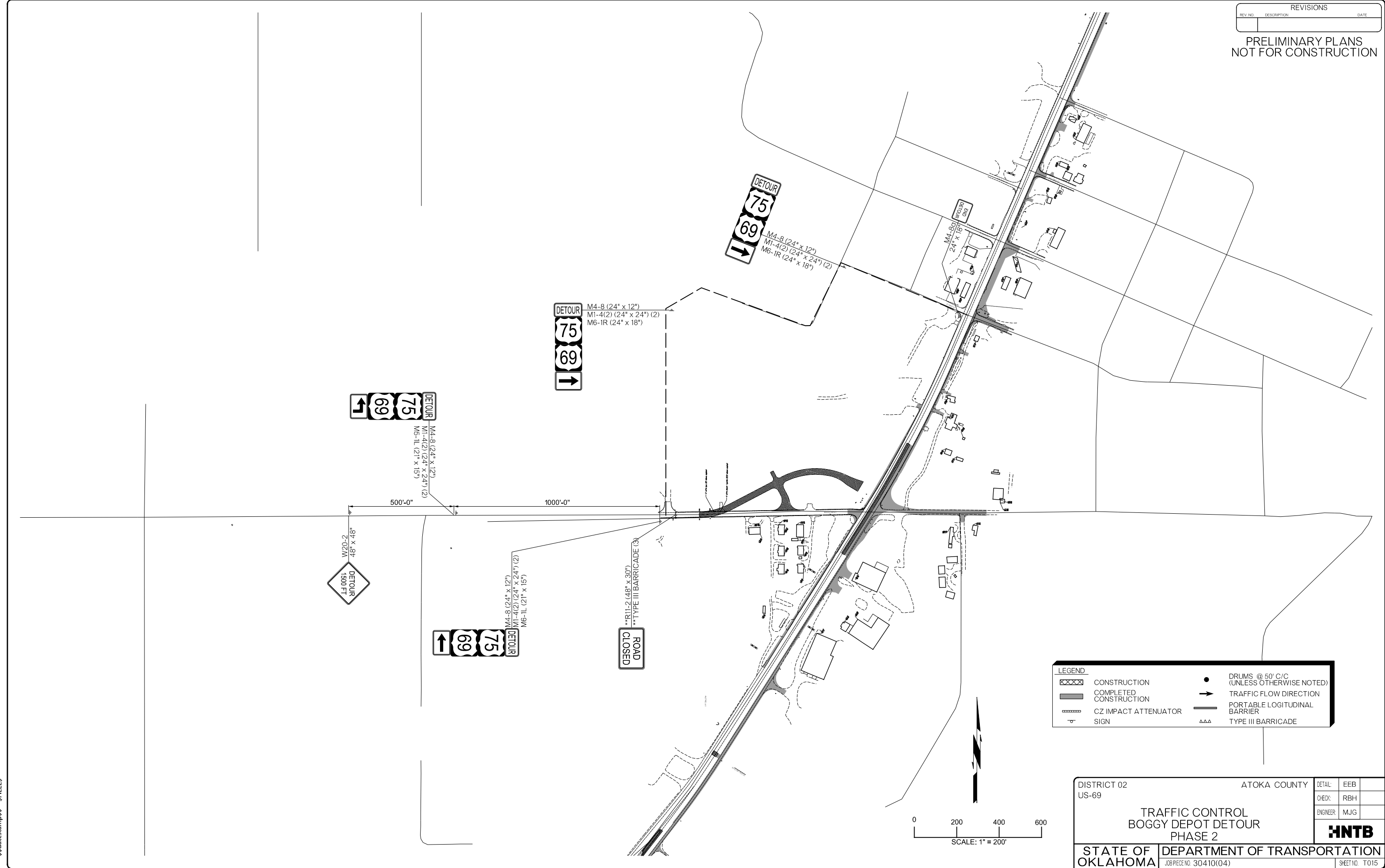


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 1		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION JOB PIECE NO. 30410(04)		HNTB	
		SHEET NO. T014	

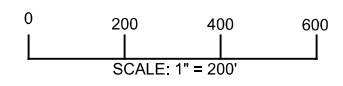
26-JUN-2024 pw://pw-int.hntb.org/PWCentral/Div/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase1.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS @ 50' C/C (UNLESS OTHERWISE NOTED)
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE

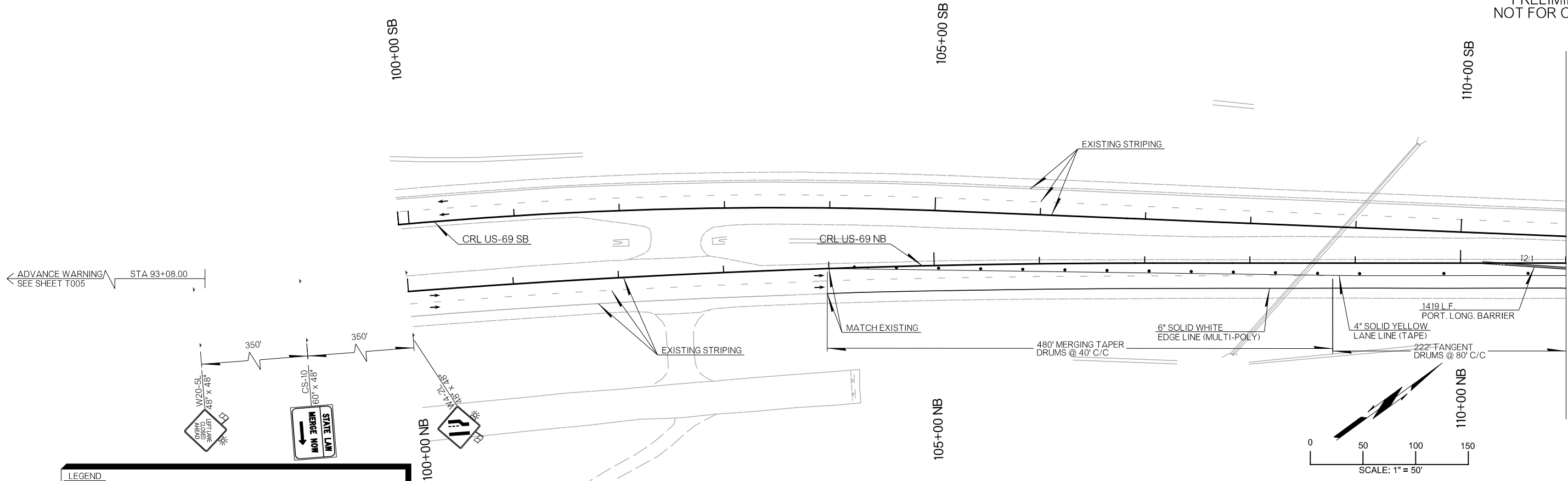


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL BOGGY DEPOT DETOUR PHASE 2		CHECK: RBH
		ENGINEER: MJG
HNTB		
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	SHEET NO. T015

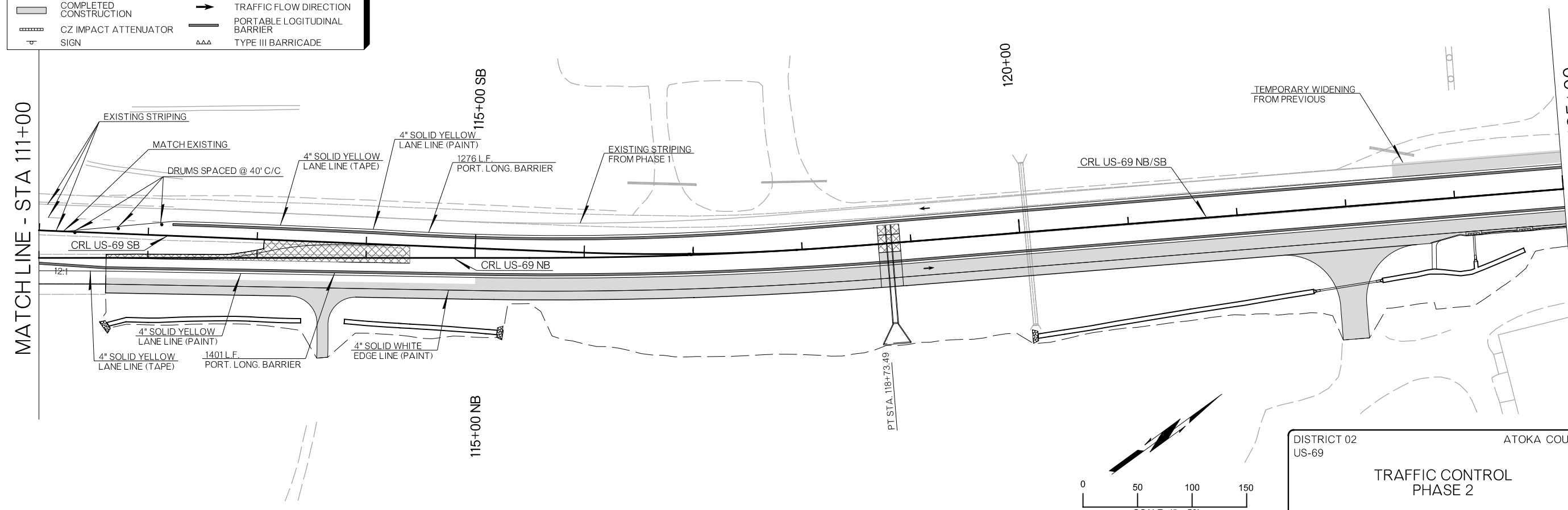
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T016	

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase2.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

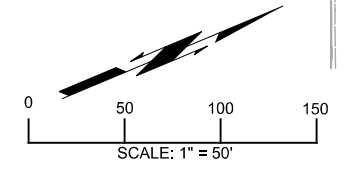
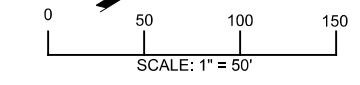
MATCHLINE - STA 125+00

MATCHLINE - STA 139+00

MATCHLINE - STA 139+00

MATCHLINE - STA 153+00

LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

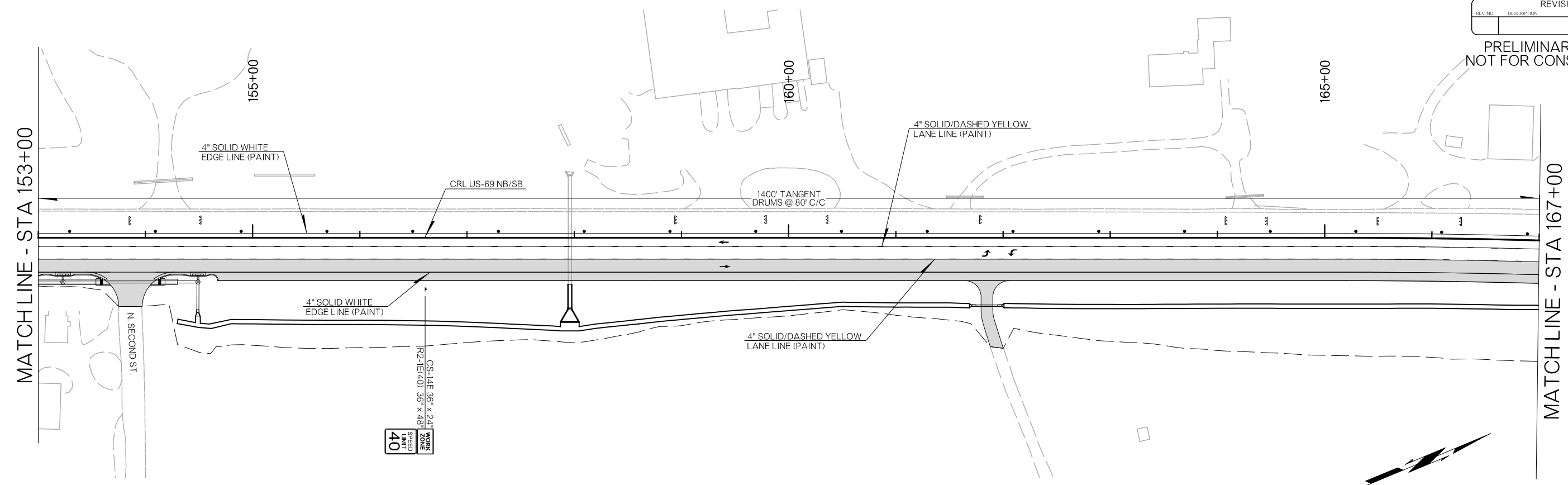


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T017

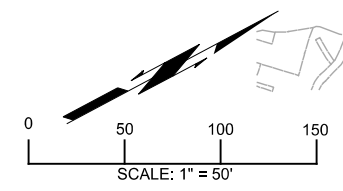
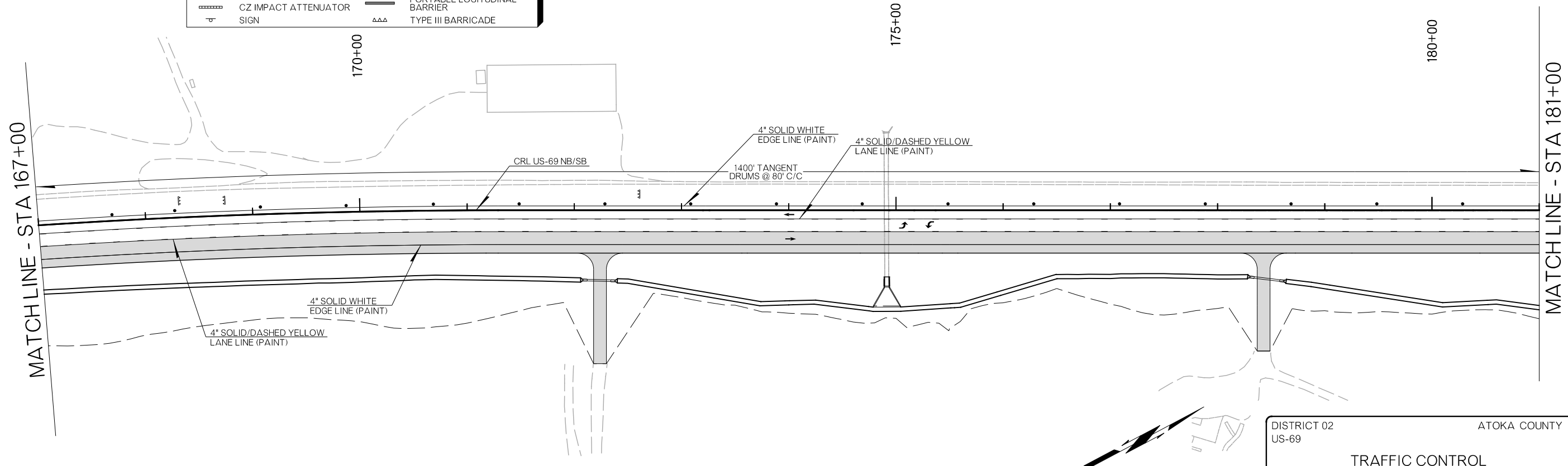
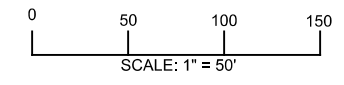
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	
		SHEET NO. T018	

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26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-TrafficControl_Phase2.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

WORK ZONE
SPEED
40

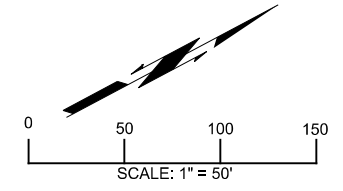
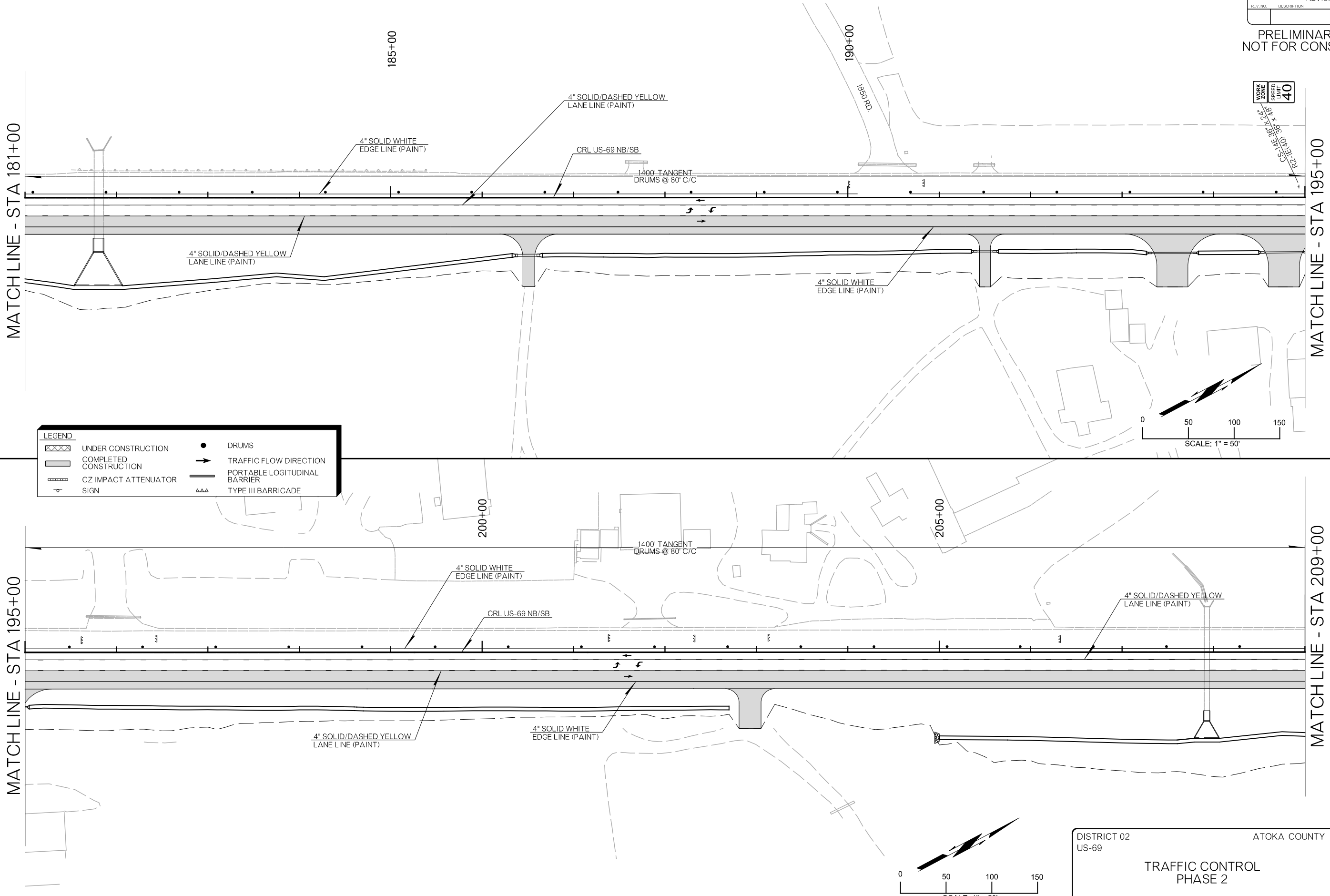
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MATCHLINE - STA 195+00

MATCHLINE - STA 195+00

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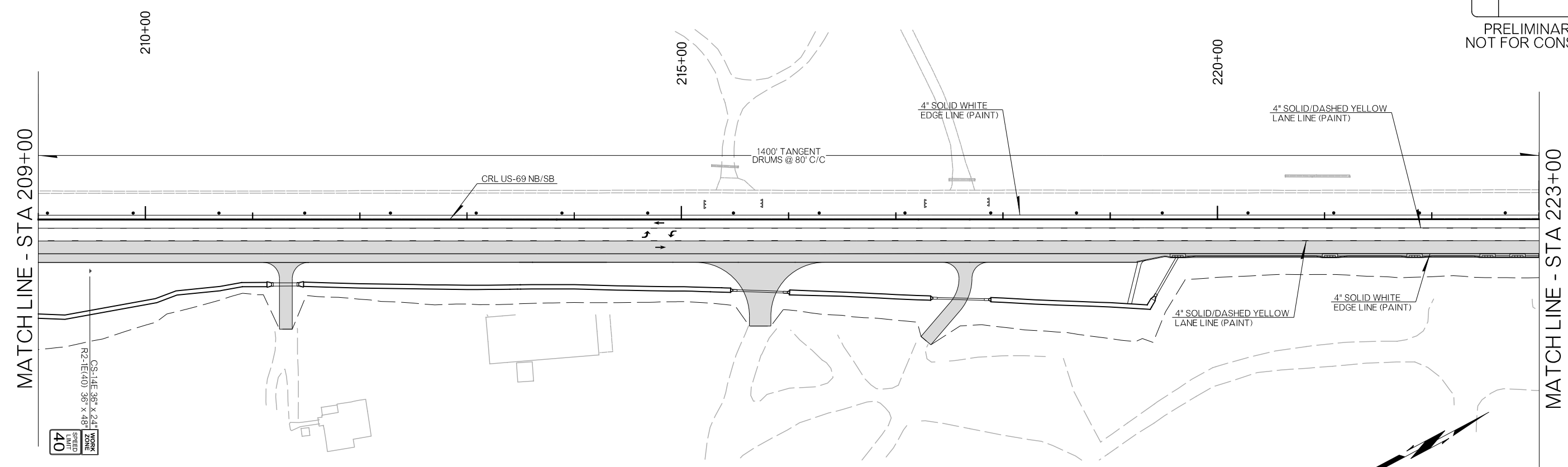
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	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



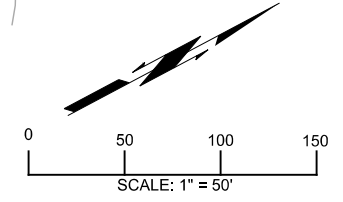
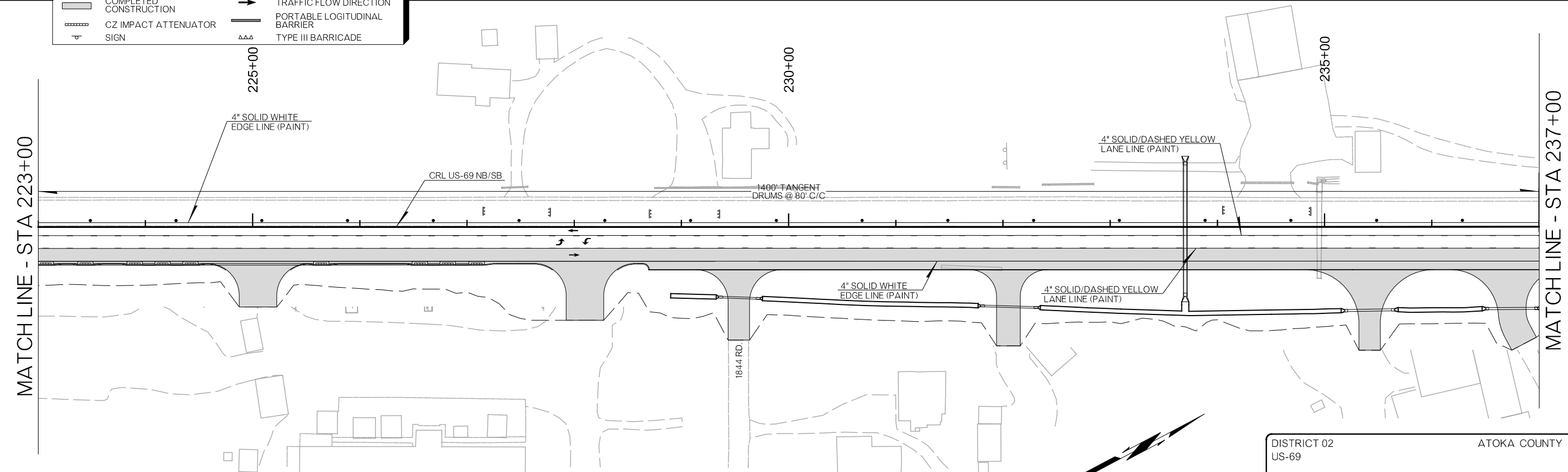
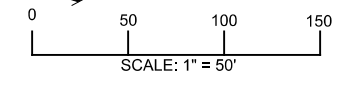
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	
			SHEET NO. T019

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE

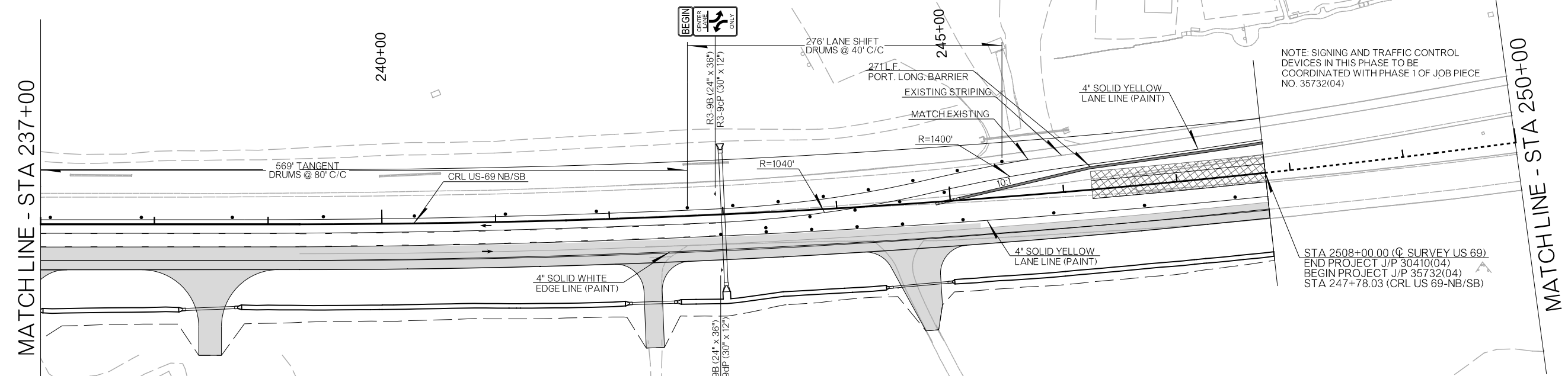


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

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REVISIONS		
REV. NO.	DESCRIPTION	DATE

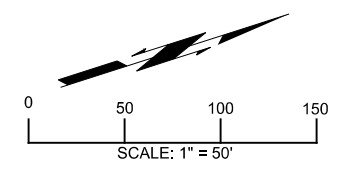
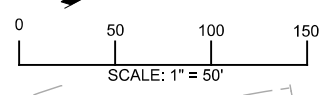
PRELIMINARY PLANS
NOT FOR CONSTRUCTION



NOTE: SIGNING AND TRAFFIC CONTROL DEVICES IN THIS PHASE TO BE COORDINATED WITH PHASE 1 OF JOB PIECE NO. 35732(04)

STA 2508+00.00 (C SURVEY US 69)
END PROJECT J/P 30410(04)
BEGIN PROJECT J/P 35732(04)
STA 247+78.03 (CRL US 69-NB/SB)

LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

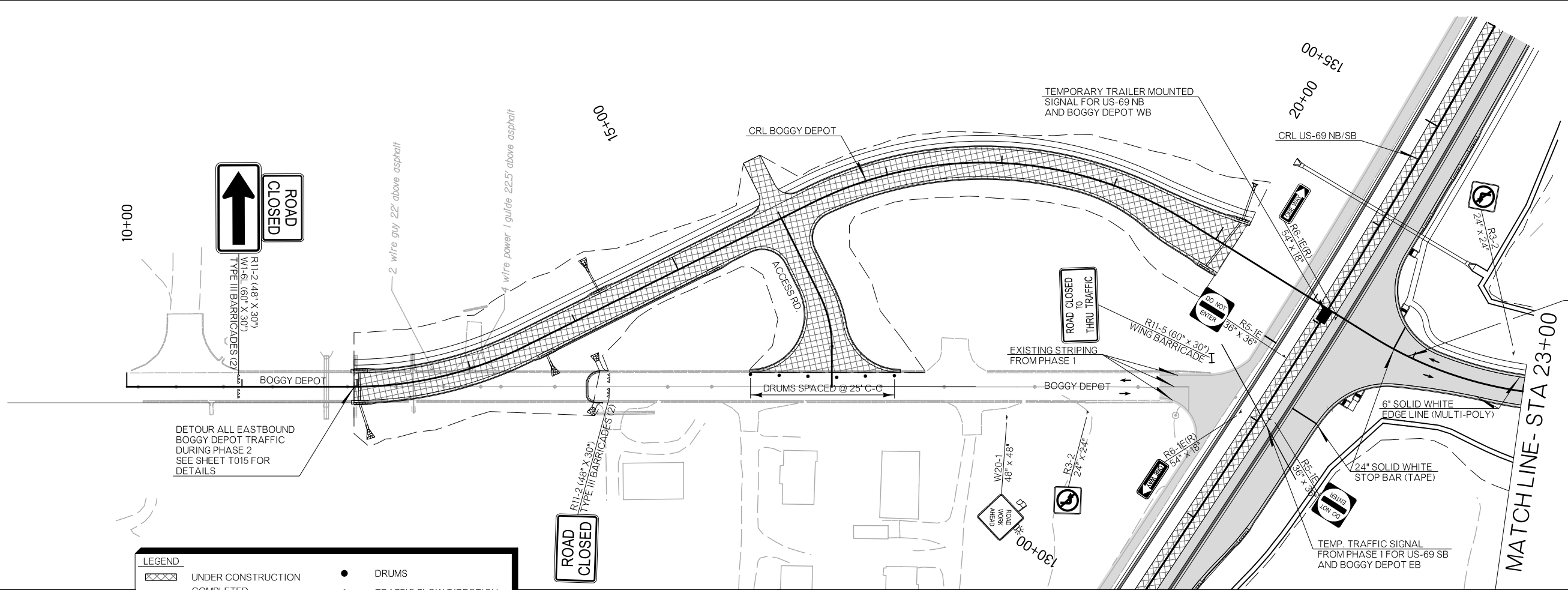


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOBPIECE NO. 30410(04)	SHEET NO. T021

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase2.dgn

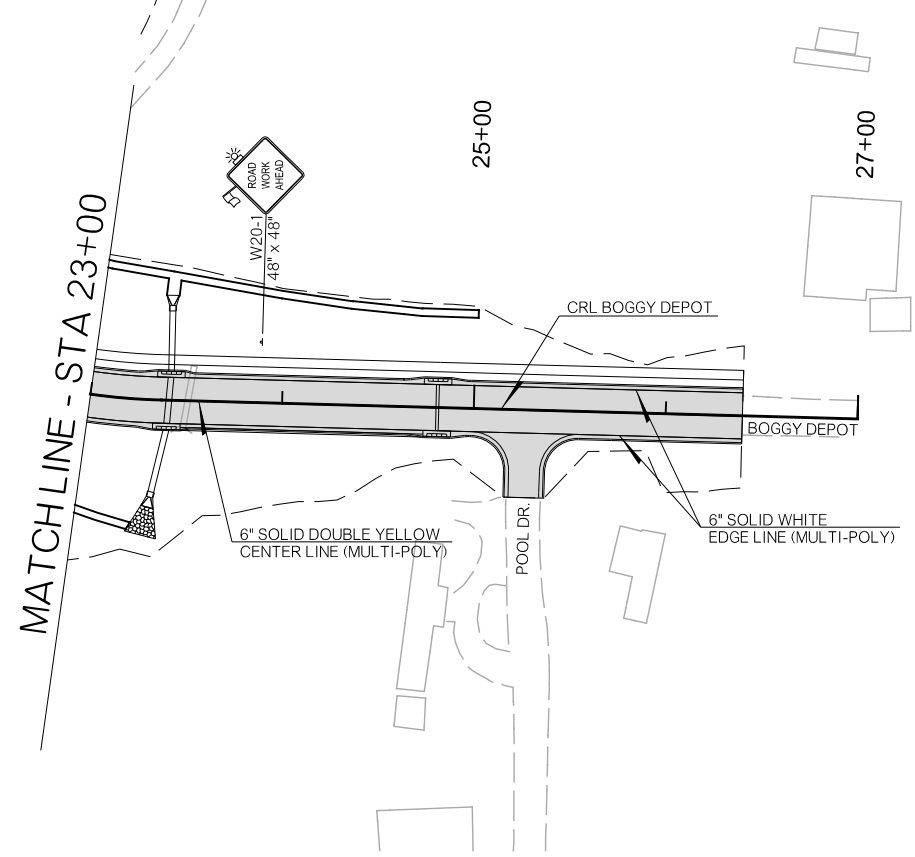
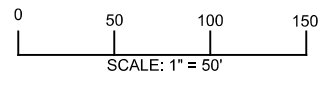
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE

DETOUR ALL EASTBOUND BOGGY DEPOT TRAFFIC DURING PHASE 2 SEE SHEET T015 FOR DETAILS



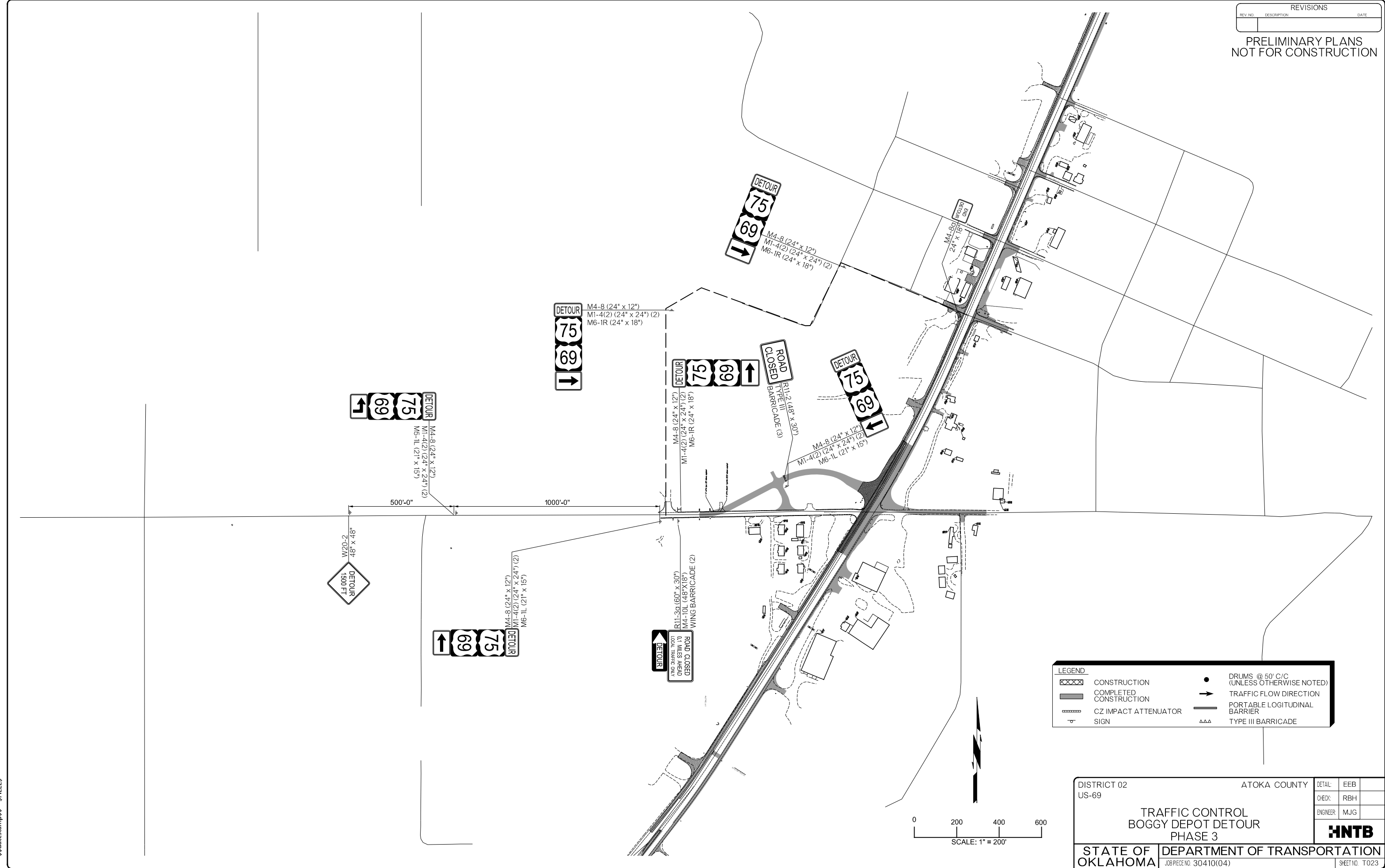
NOTE: MULTI-POLY STRIPING ON BOGGY DEPOT IS FINAL PAVEMENT MARKING AND SHALL BE PAID FOR AS SUCH

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 2		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T022

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REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS @ 50' C/C (UNLESS OTHERWISE NOTED)
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE

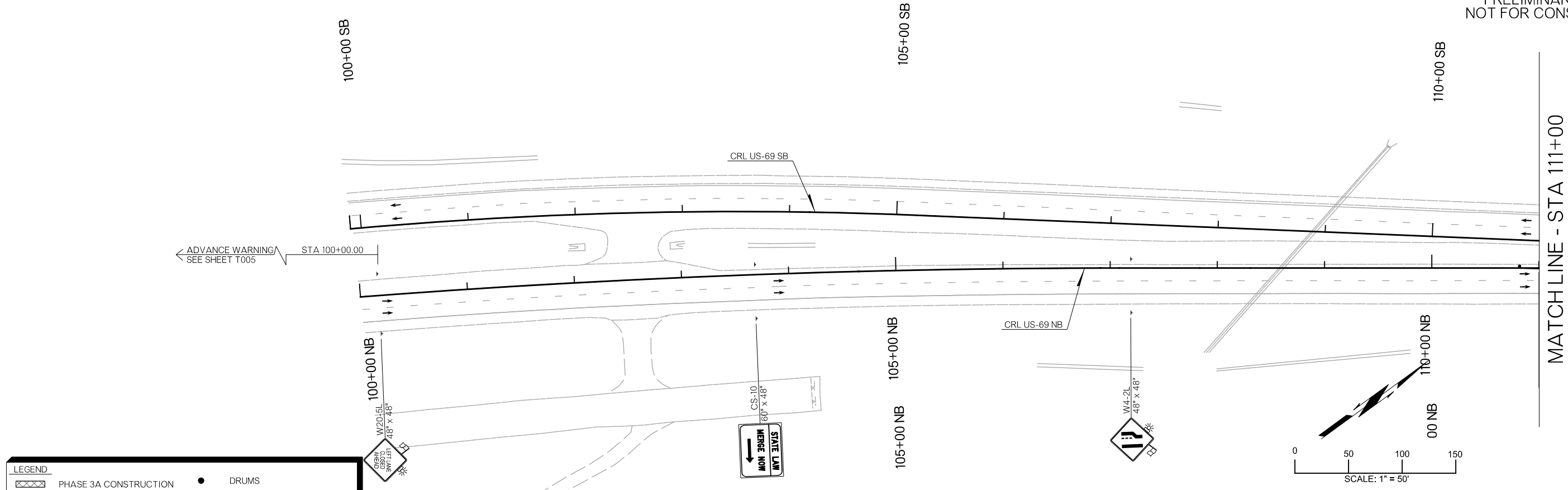
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL BOGGY DEPOT DETOUR PHASE 3		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		HNTB
DEPARTMENT OF TRANSPORTATION <small>JOB/PIECE NO. 30410(04)</small>		SHEET NO. T023

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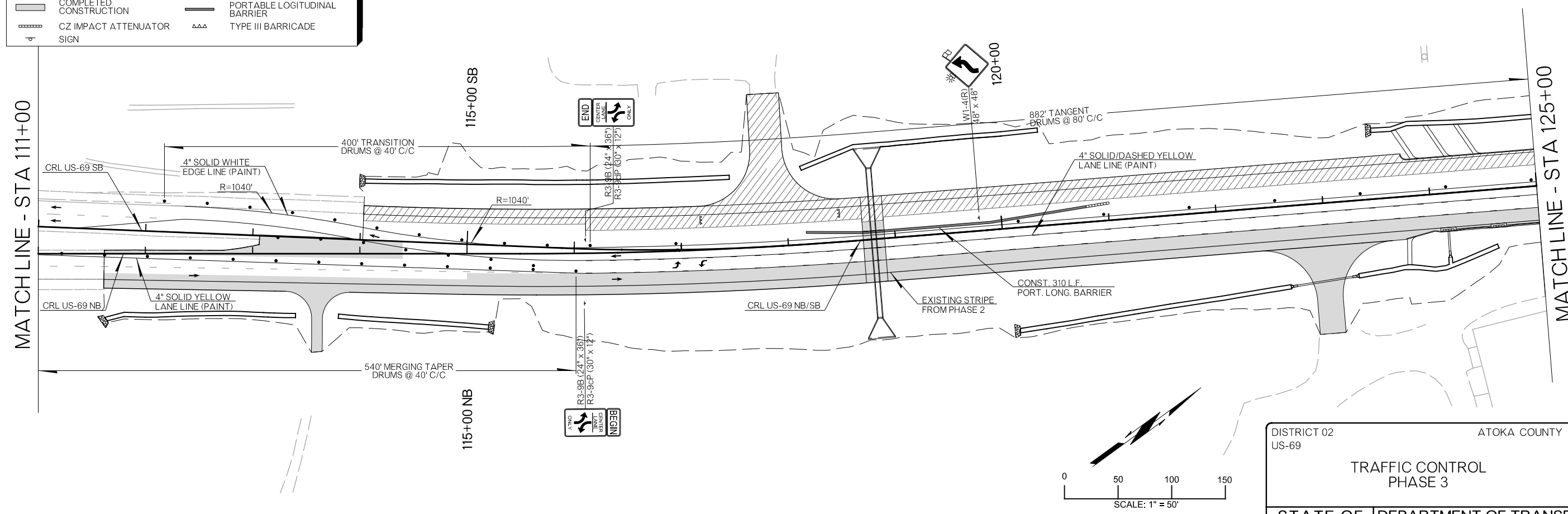
26-JUN-2024 pw://pw-int.hntb.org:PWCentral/Div/Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase3.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

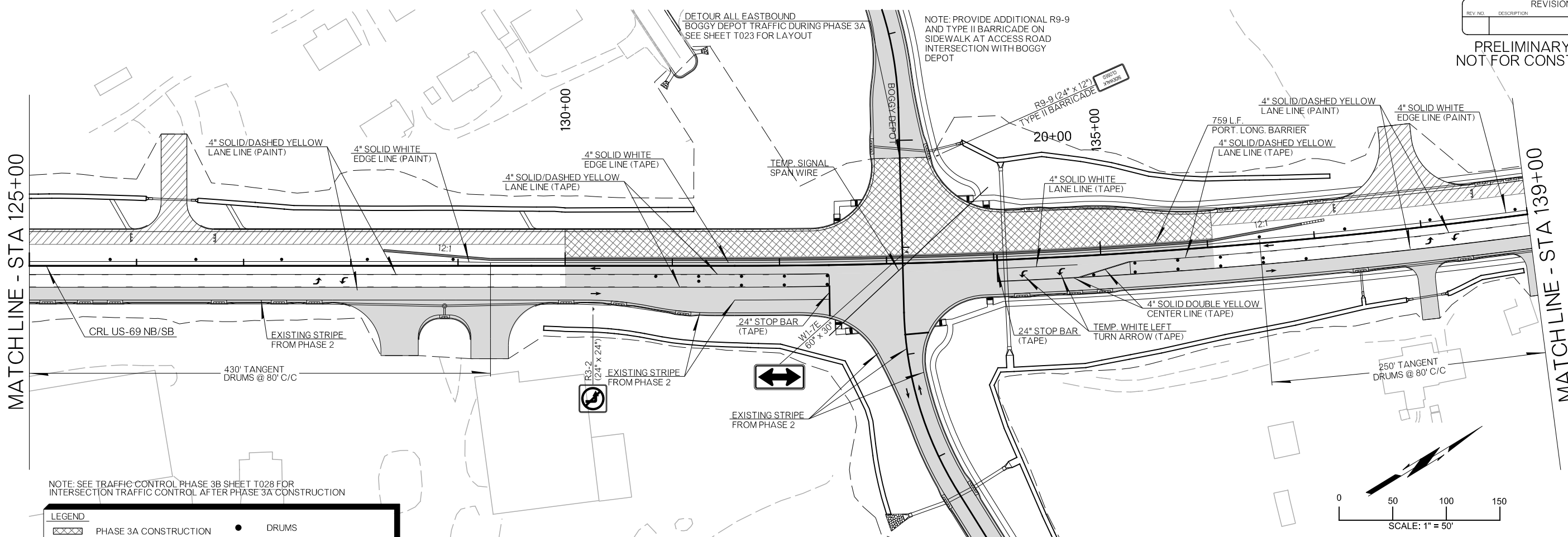


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T024	



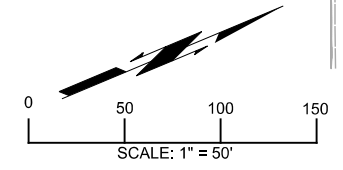
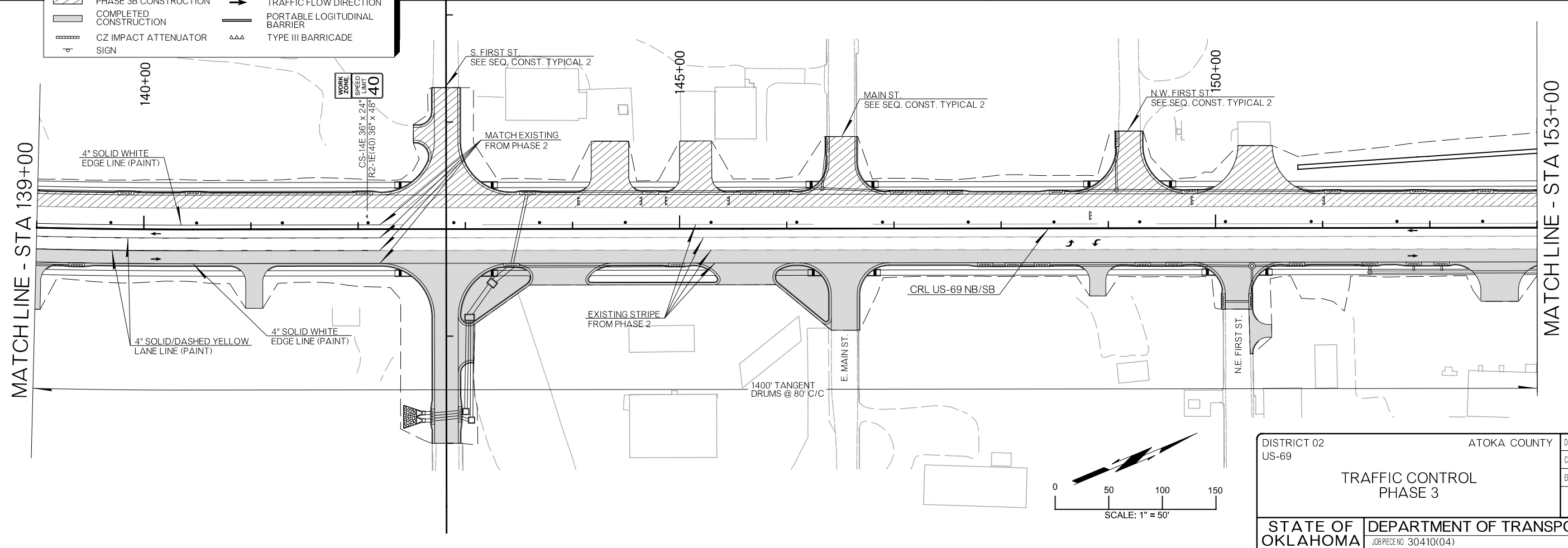
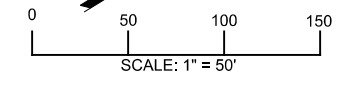
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



NOTE: SEE TRAFFIC CONTROL PHASE 3B SHEET T028 FOR INTERSECTION TRAFFIC CONTROL AFTER PHASE 3A CONSTRUCTION

LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL PHASE 3		CHECK: RBH
		ENGINEER: MJG
HNTB		
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	SHEET NO. T025
JOB/PIECE NO. 30410(04)		

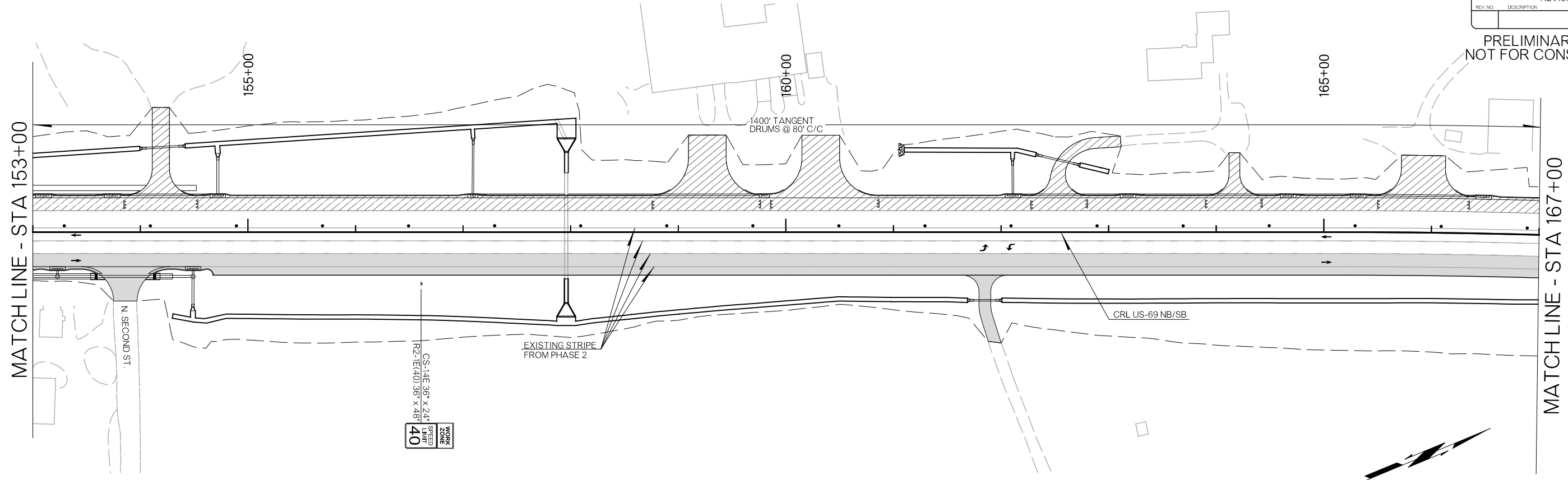
26-JUN-2024 pw://pw-int.hntb.org/PWCentral/Div/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase3.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

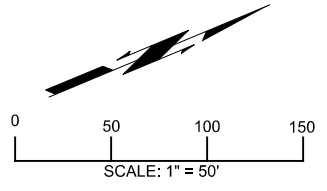
PRELIMINARY PLANS
NOT FOR CONSTRUCTION

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MATCHLINE - STA 167+00

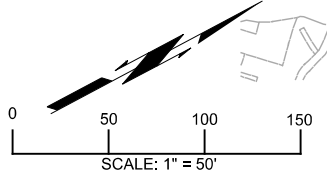
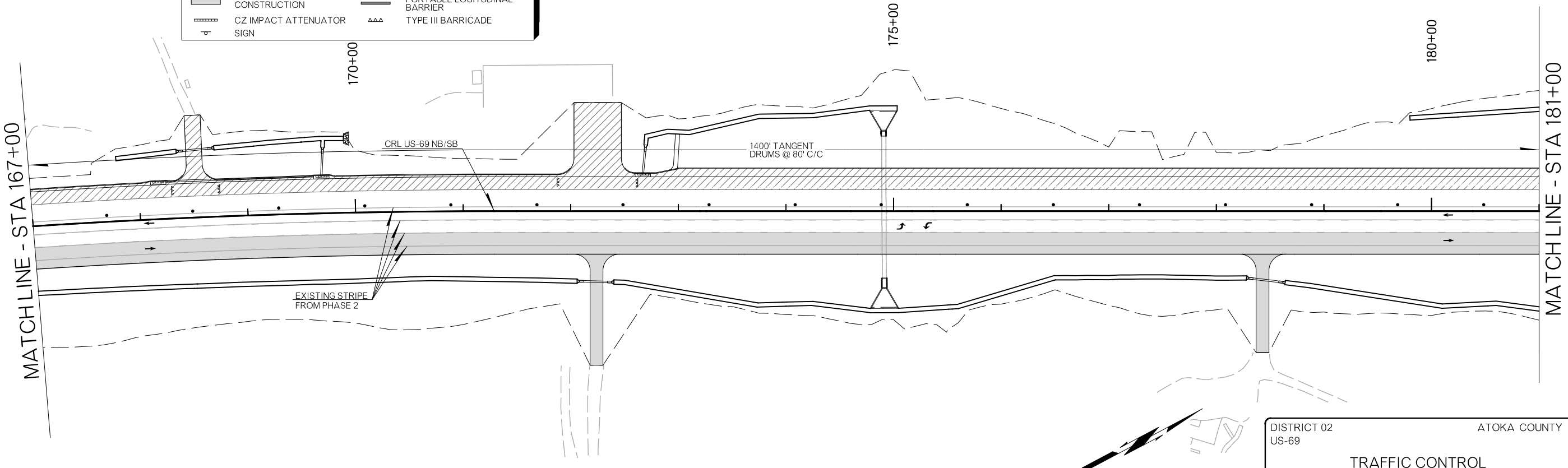


LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE



MATCHLINE - STA 167+00

MATCHLINE - STA 181+00



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	
		SHEET NO. T026	

26-JUN-2024 pw://pw-int.hntb.org/PWCentral/Div/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase3.dgn

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REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

WORK ZONE	40
CS-14E 36" x 24"	
RE-TE(40) 36" x 48"	

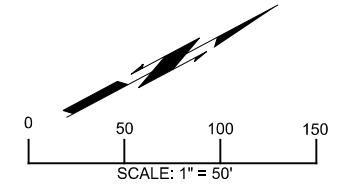
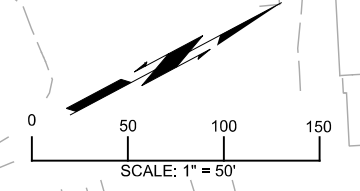
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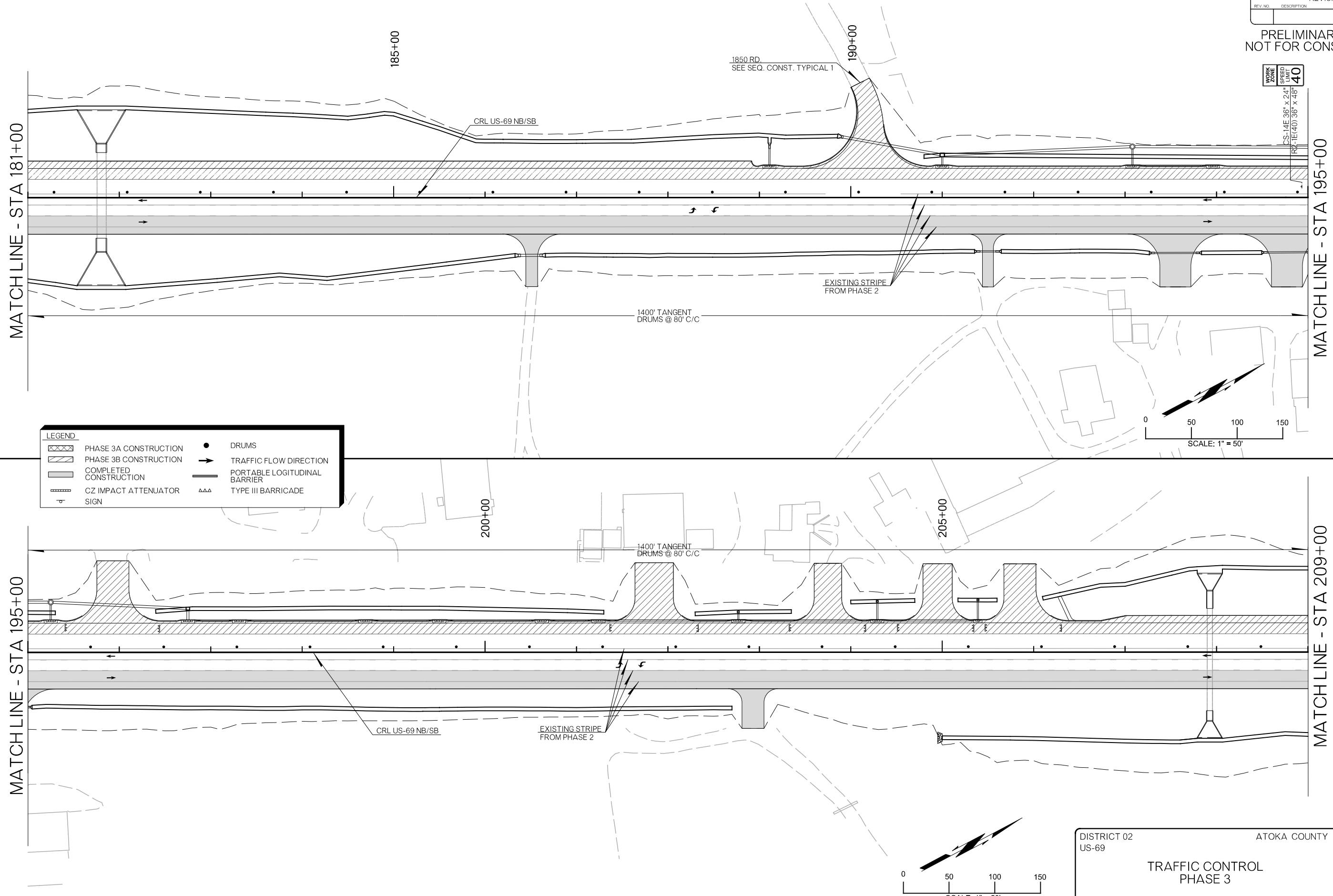
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MATCHLINE - STA 209+00

LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE

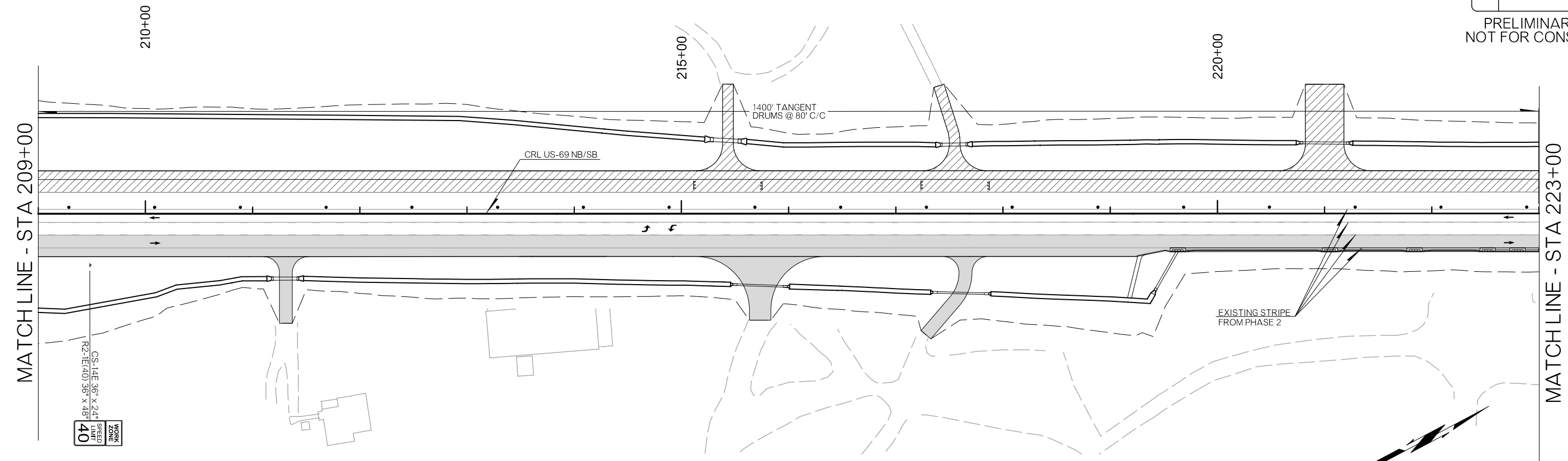


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

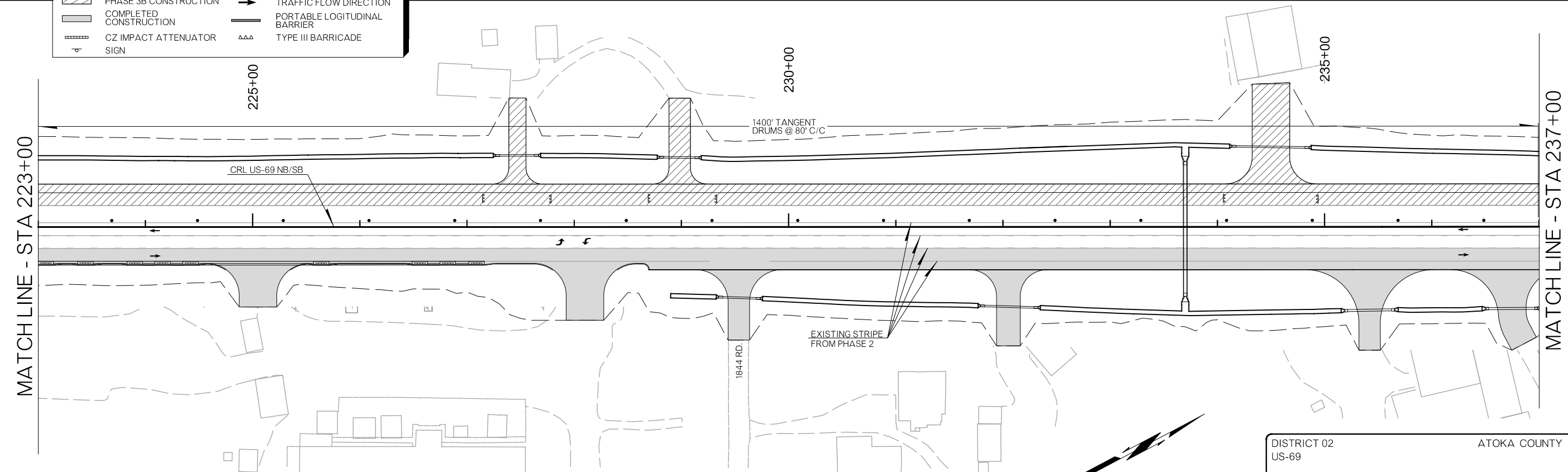


REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LONGITUDINAL BARRIER
	TYPE III BARRICADE SIGN

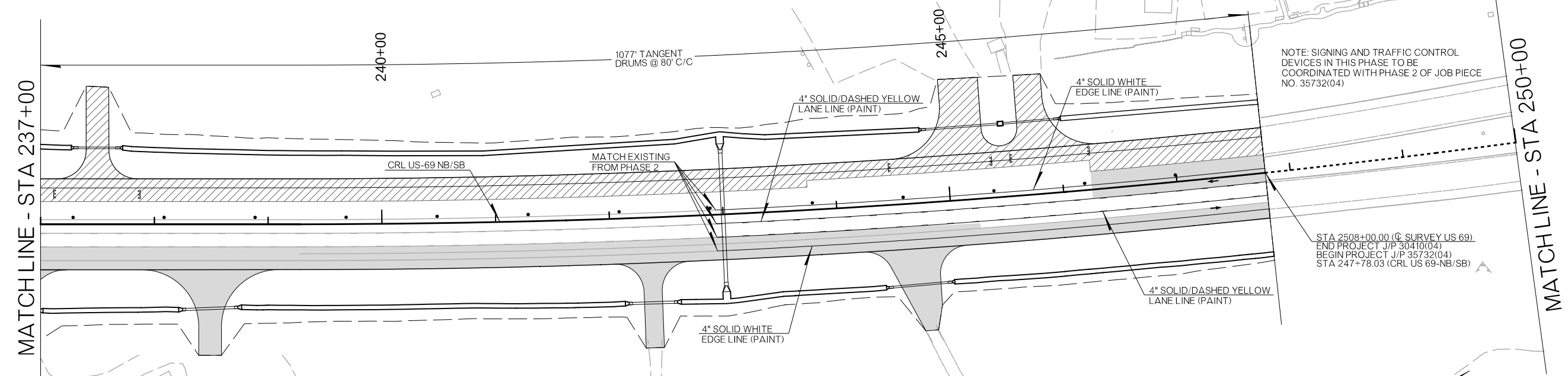


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T028

26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-TrafficControl_Phase3.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

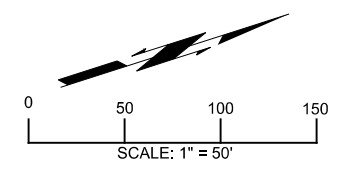
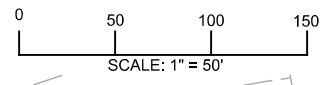
PRELIMINARY PLANS
NOT FOR CONSTRUCTION



NOTE: SIGNING AND TRAFFIC CONTROL DEVICES IN THIS PHASE TO BE COORDINATED WITH PHASE 2 OF JOB PIECE NO. 35732(04)

STA 2508+00.00 (© SURVEY US 69)
END PROJECT J/P 30410(04)
BEGIN PROJECT J/P 35732(04)
STA 247+78.03 (CRL US 69-NB/SB)

LEGEND	
	PHASE 3A CONSTRUCTION
	PHASE 3B CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

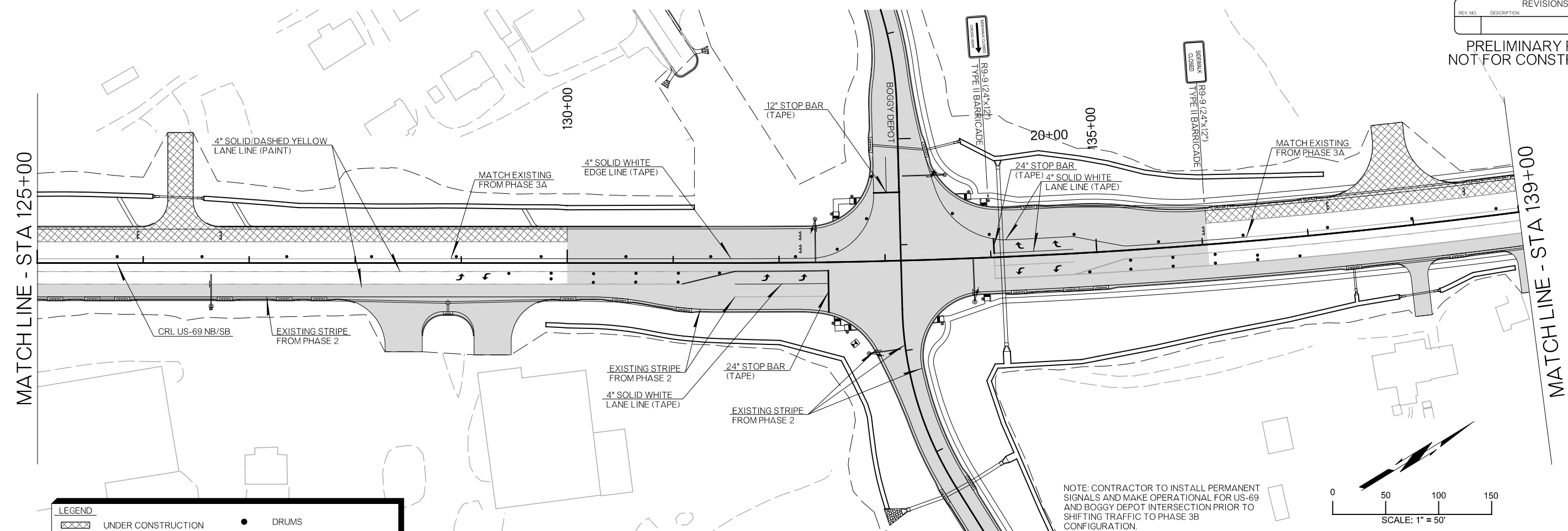


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB PIECE NO. 30410(04)	SHEET NO. T029

26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Roadway\30410(04)-TrafficControl_Phase3.dgn

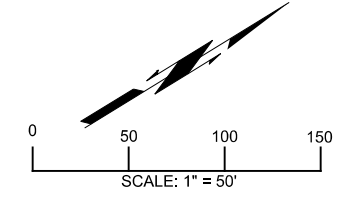
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	UNDER CONSTRUCTION
	COMPLETED CONSTRUCTION
	CZ IMPACT ATTENUATOR
	SIGN
	DRUMS
	TRAFFIC FLOW DIRECTION
	PORTABLE LOGITUDINAL BARRIER
	TYPE III BARRICADE

NOTE: CONTRACTOR TO INSTALL PERMANENT SIGNALS AND MAKE OPERATIONAL FOR US-69 AND BOGGY DEPOT INTERSECTION PRIOR TO SHIFTING TRAFFIC TO PHASE 3B CONFIGURATION.

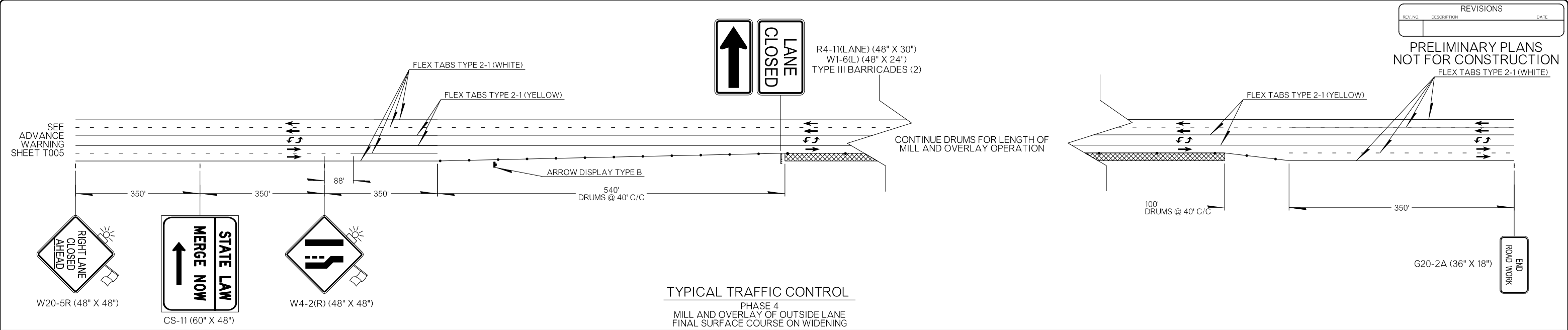


26-JUN-2024 pw://pw-intl.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase3.dgn

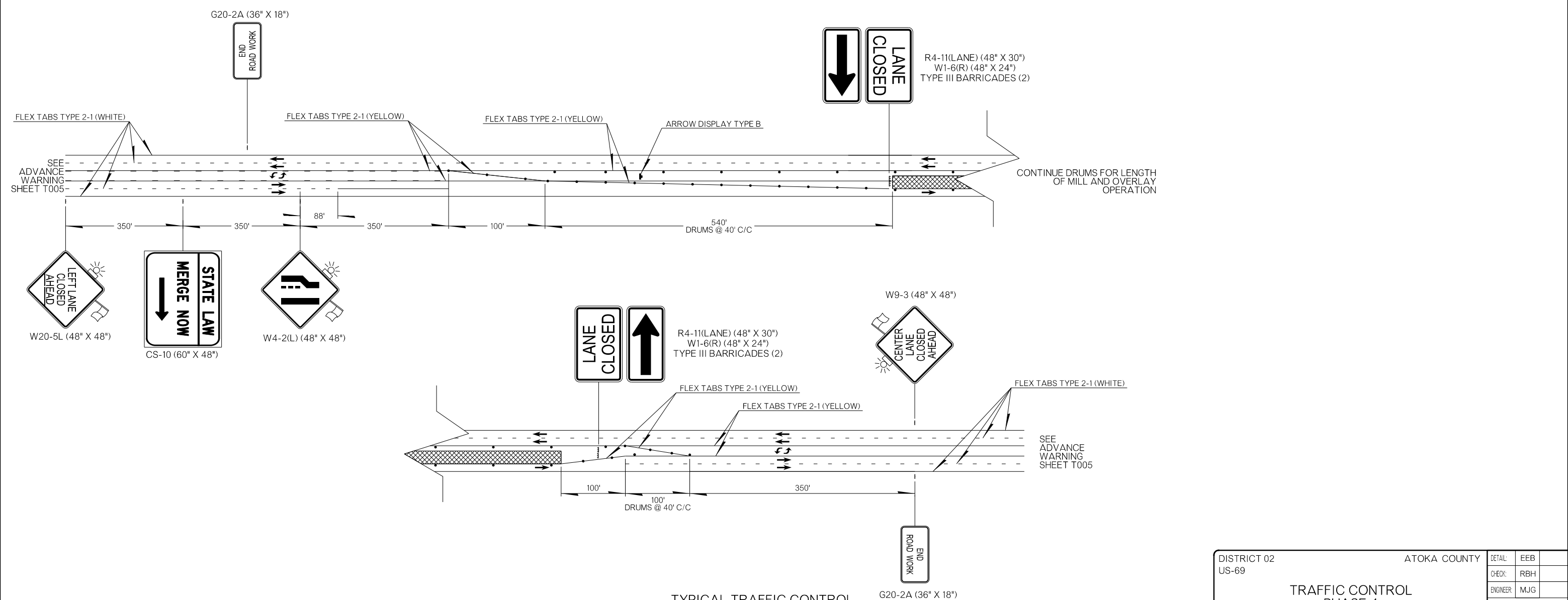
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
TRAFFIC CONTROL PHASE 3B		CHECK:	RBH
		ENGINEER:	MJG
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T030

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



TYPICAL TRAFFIC CONTROL
PHASE 4
MILL AND OVERLAY OF OUTSIDE LANE
FINAL SURFACE COURSE ON WIDENING



TYPICAL TRAFFIC CONTROL
PHASE 4
MILL AND OVERLAY OF INSIDE LANE

NOTE: TRAFFIC CONTROL SIGNS AND DEVICES APPLY TO BOTH DIRECTIONS OF TRAVEL TO PERFORM MILL/OVERLAY OPERATIONS.

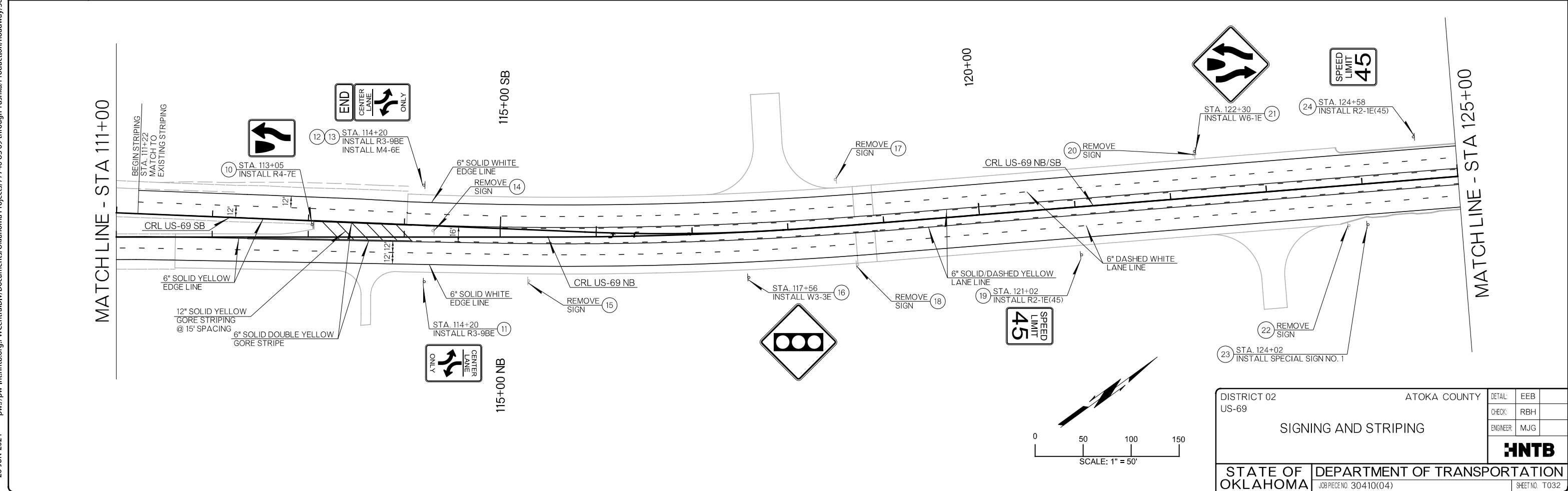
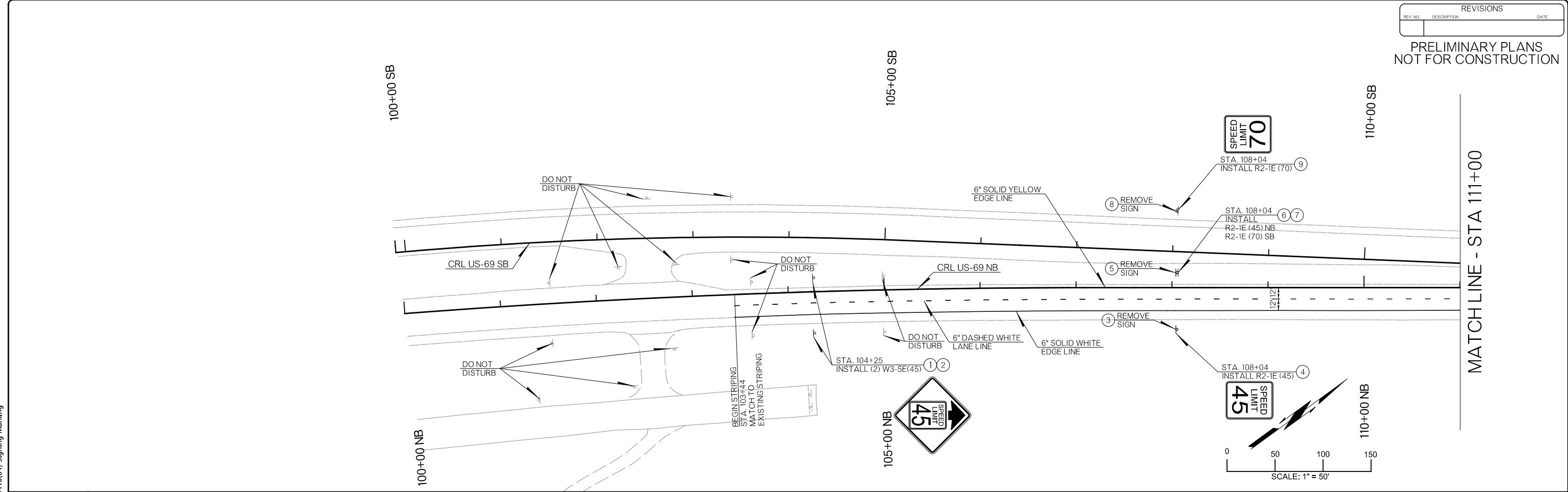
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
TRAFFIC CONTROL PHASE 4		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION
JOB/PIECE NO. 30410(04)		SHEET NO. T031

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-TrafficControl_Phase4.dgn

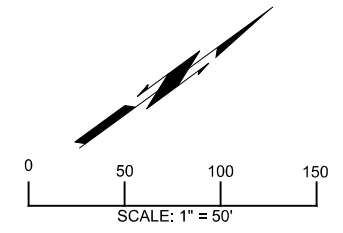
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Signing-Marking



DISTRICT 02 US-69		ATOKA COUNTY		DETAIL:	EEB
SIGNING AND STRIPING				CHECK:	RBH
				ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		HNTB	
				JOB PIECE NO. 30410(04)	

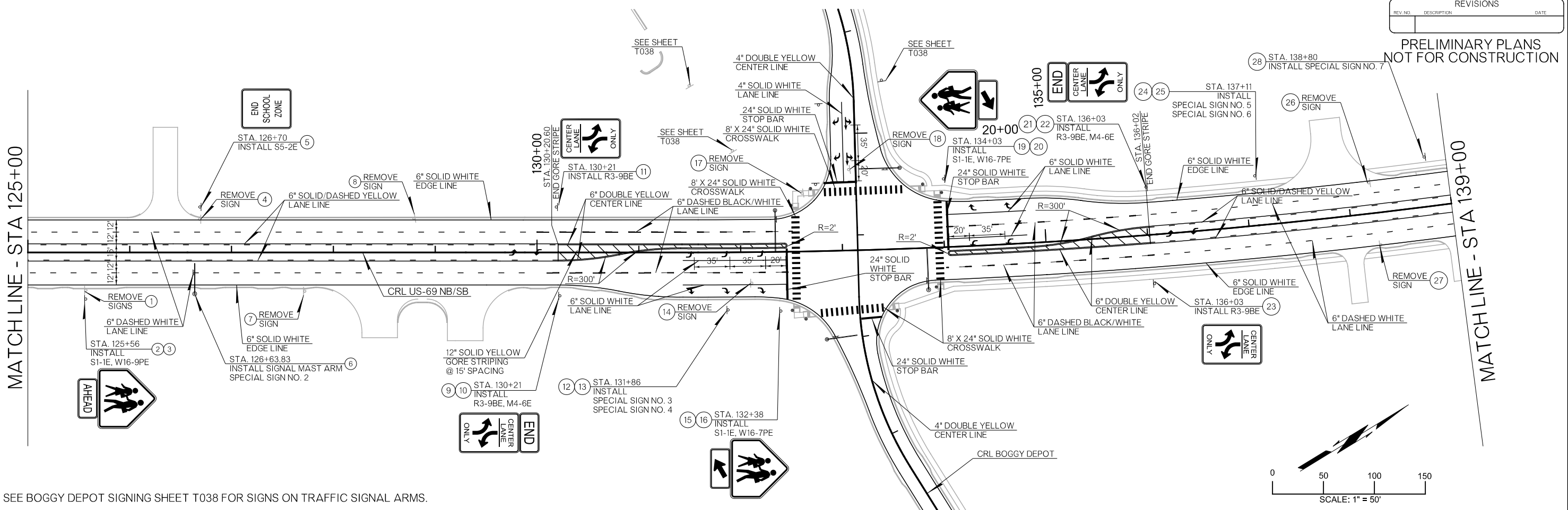


REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

MATCHLINE - STA 125+00

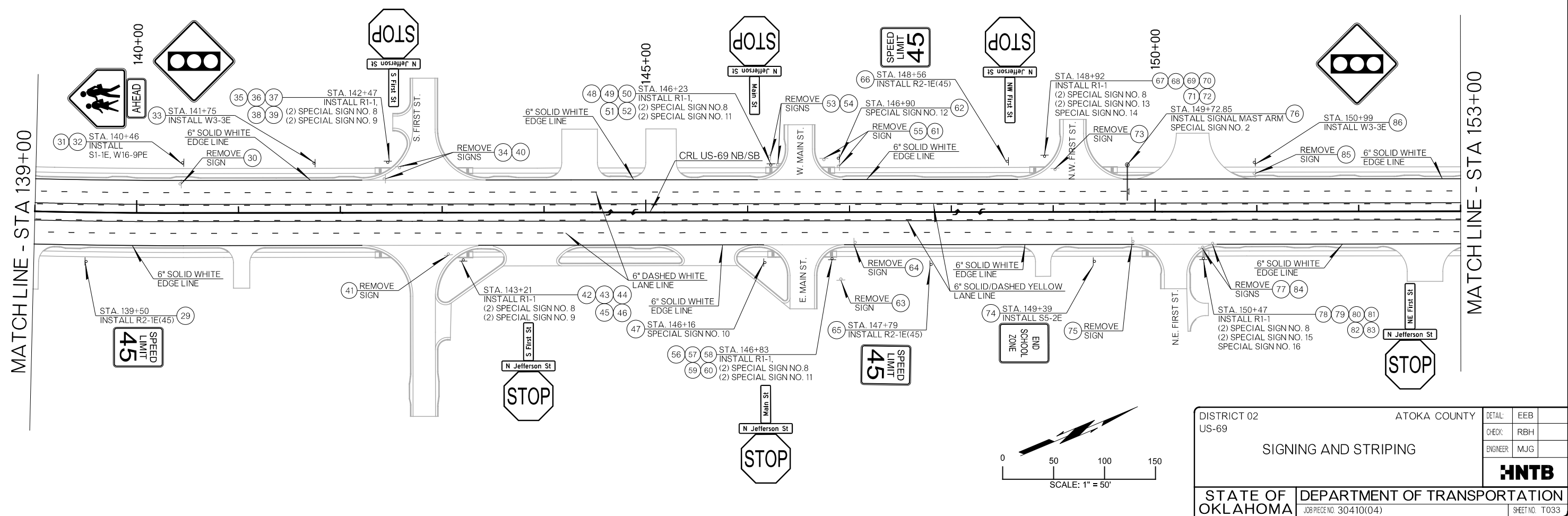
MATCHLINE - STA 139+00



NOTE: SEE BOGGY DEPOT SIGNING SHEET T038 FOR SIGNS ON TRAFFIC SIGNAL ARMS.

MATCHLINE - STA 139+00

MATCHLINE - STA 153+00

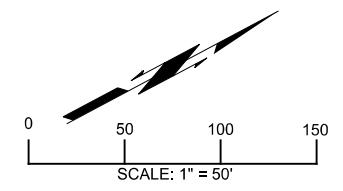
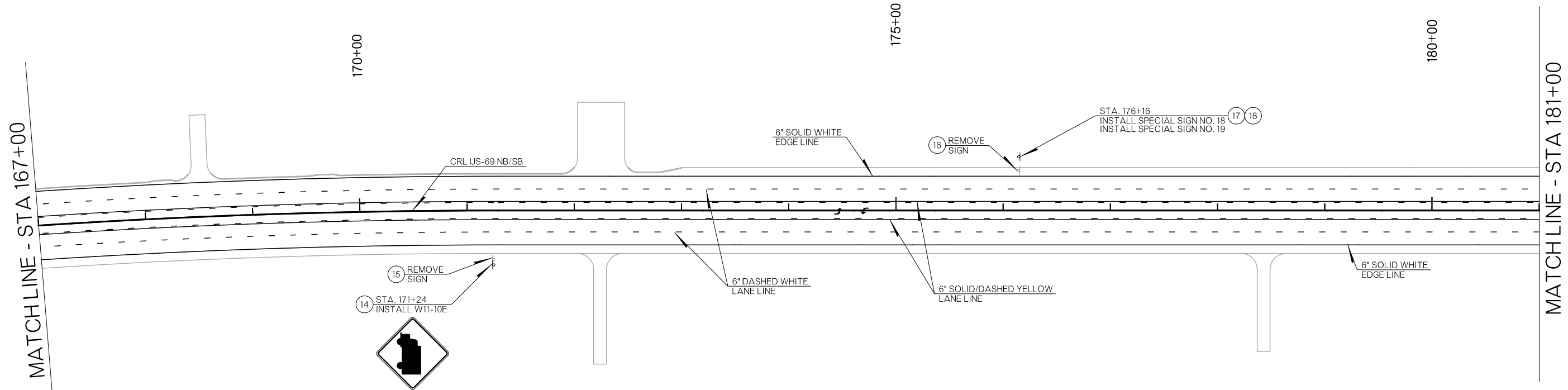
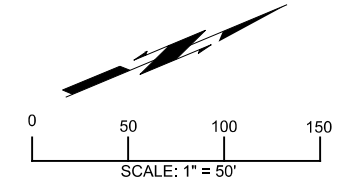
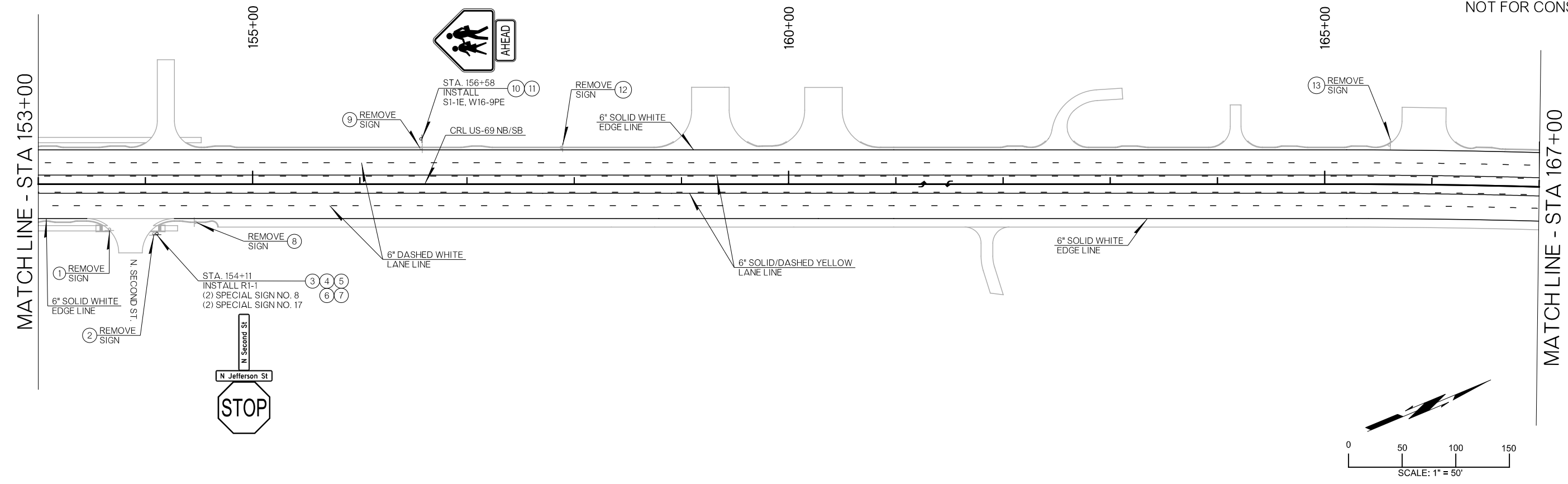


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SIGNING AND STRIPING		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(O4)		SHEET NO. T033	

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(O4)-Signing-Marking

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SIGNING AND STRIPING		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB PIECE NO. 30410(04)		SHEET NO. T034	

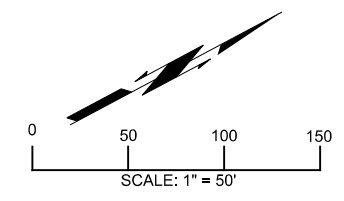
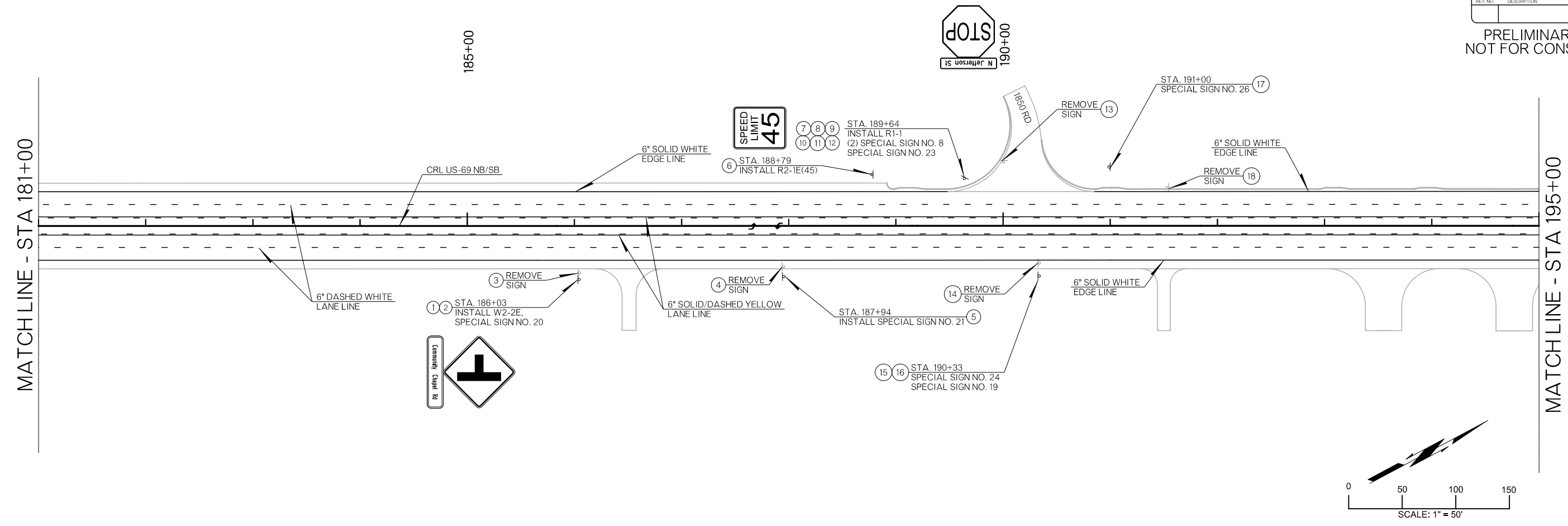
26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Signing-Marking

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

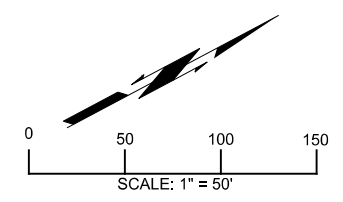
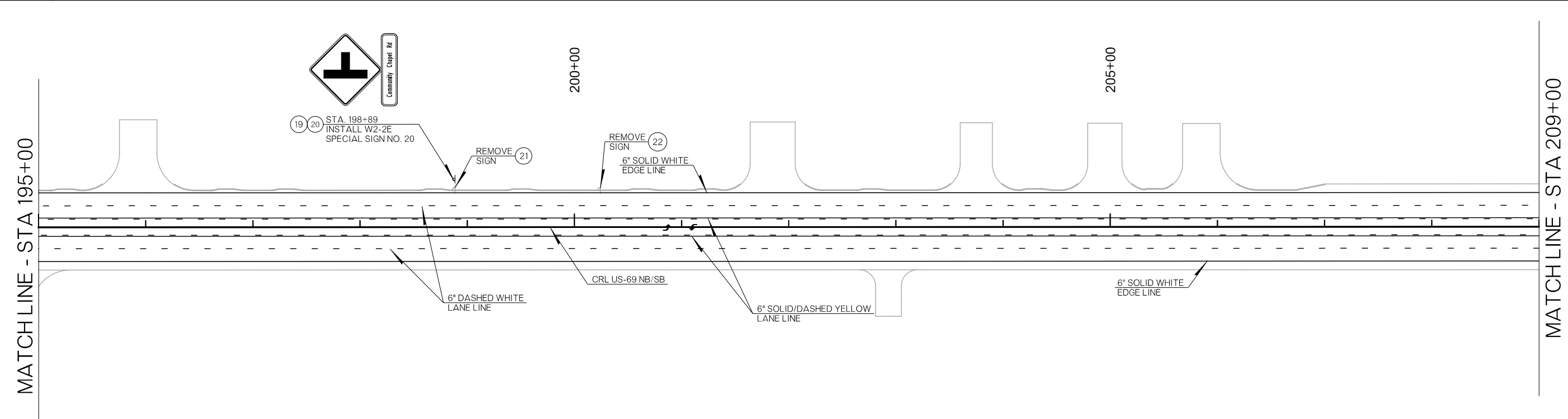
MATCHLINE - STA 181+00

MATCHLINE - STA 195+00



MATCHLINE - STA 195+00

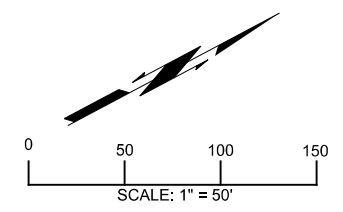
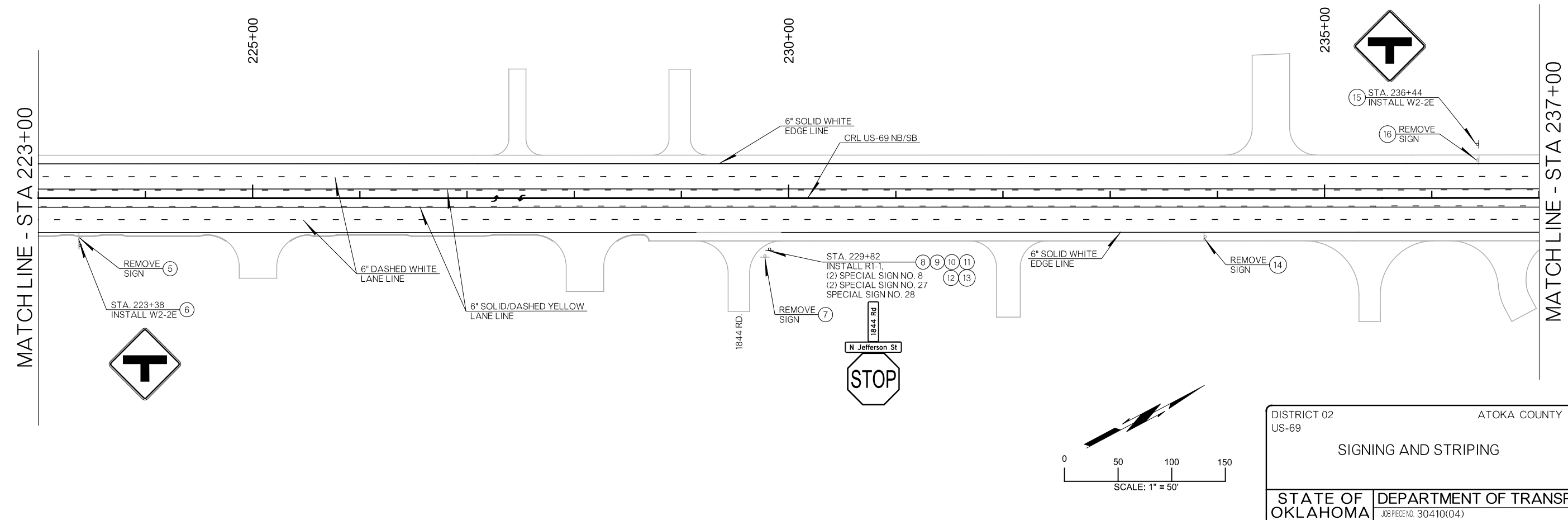
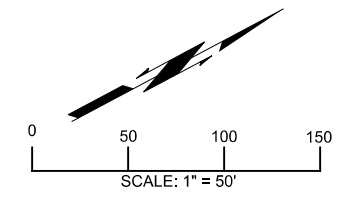
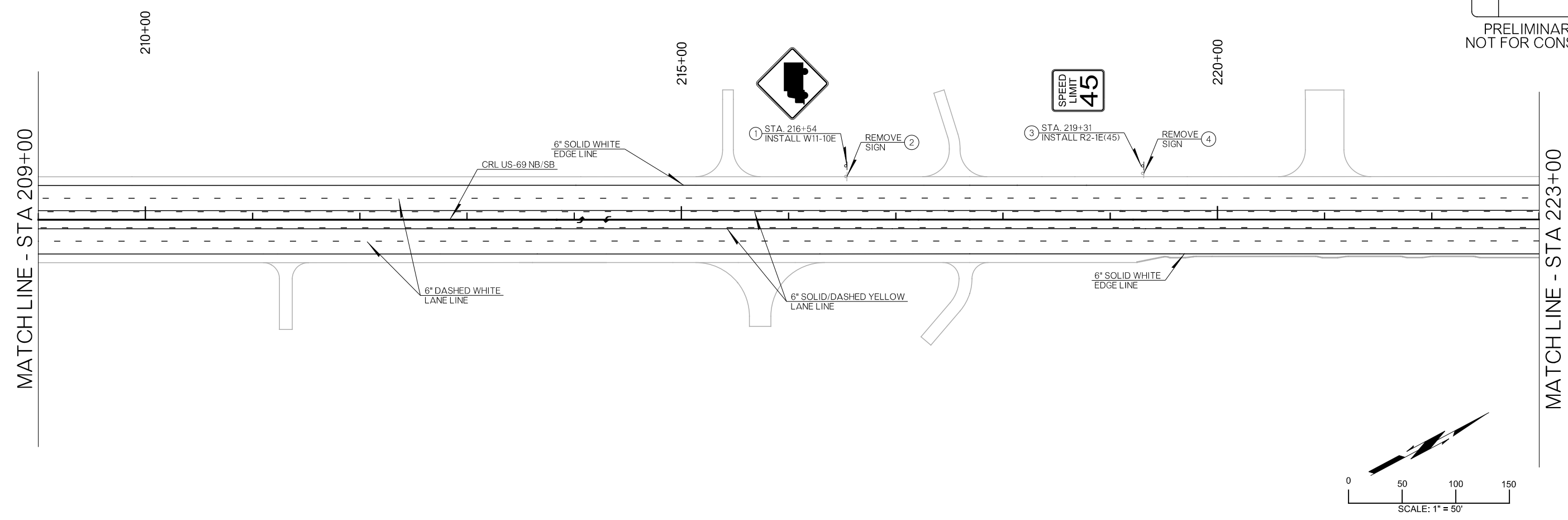
MATCHLINE - STA 209+00



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SIGNING AND STRIPING		CHECK:	RBH
		ENGINEER:	M/JG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB PIECE NO. 30410(04)		SHEET NO. T035	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

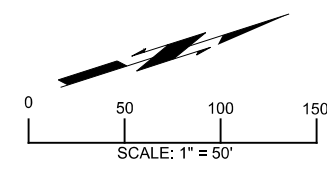
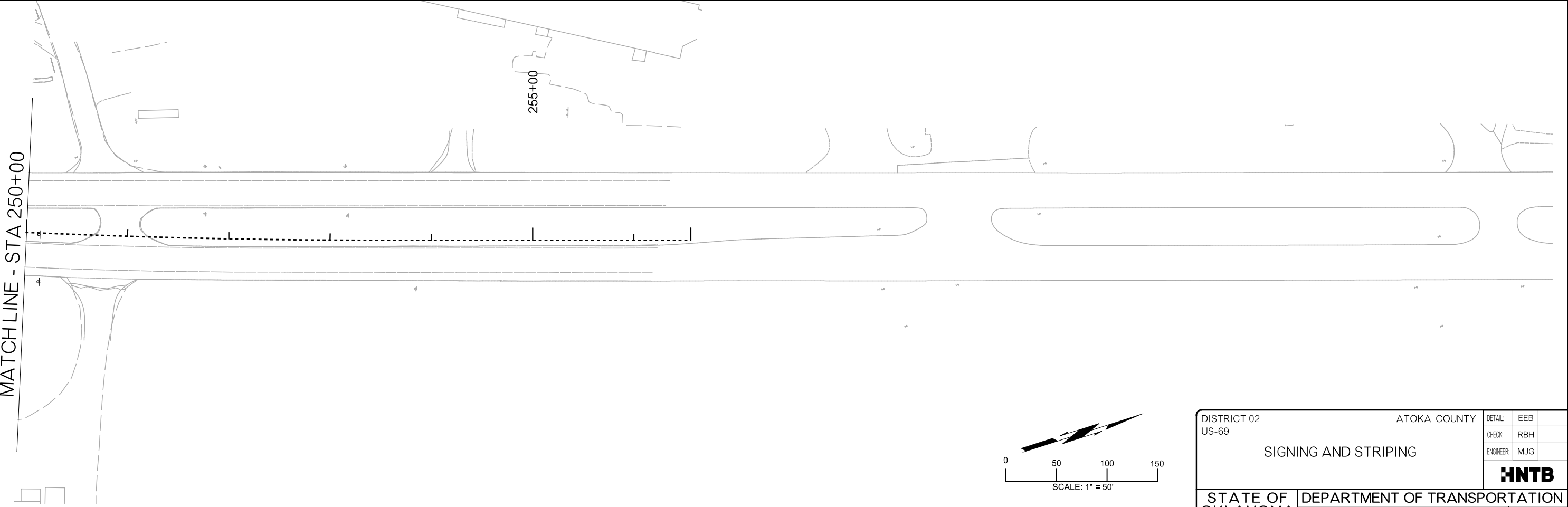
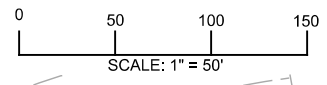
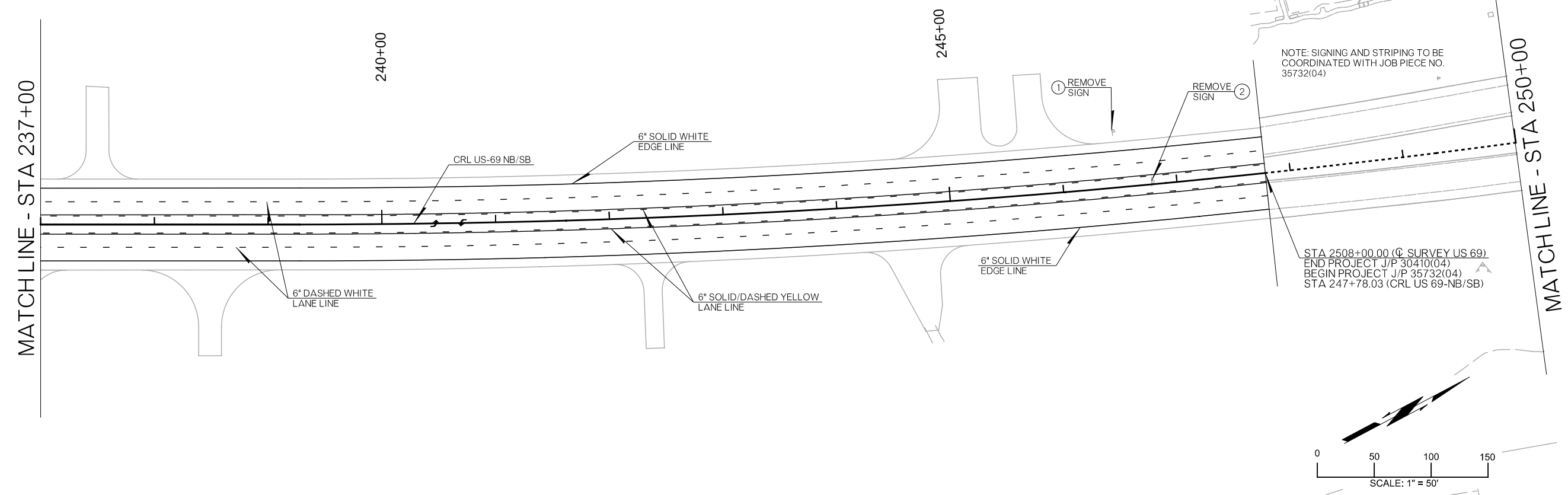


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SIGNING AND STRIPING		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T036	

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Signing-Marking

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

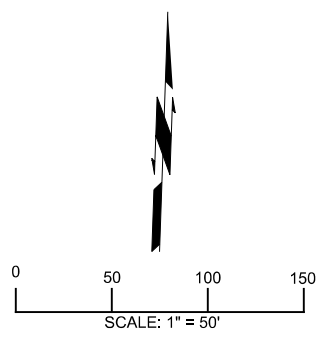
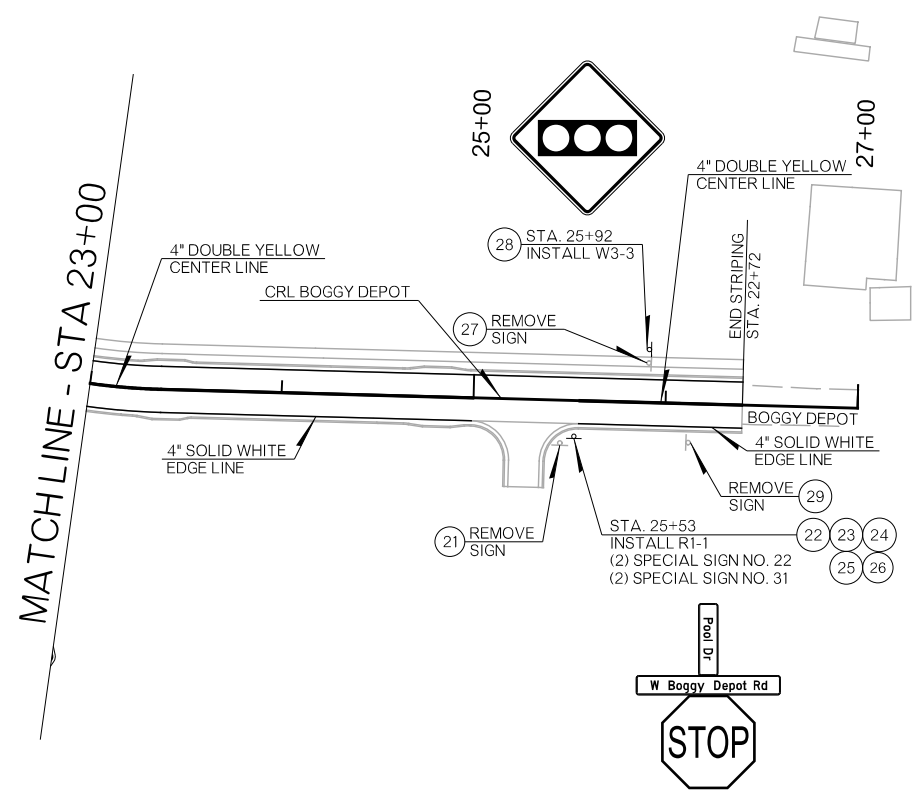
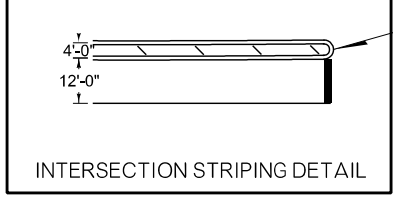
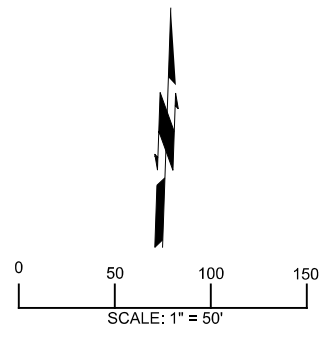
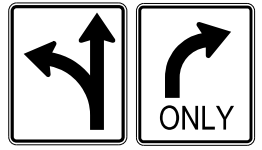
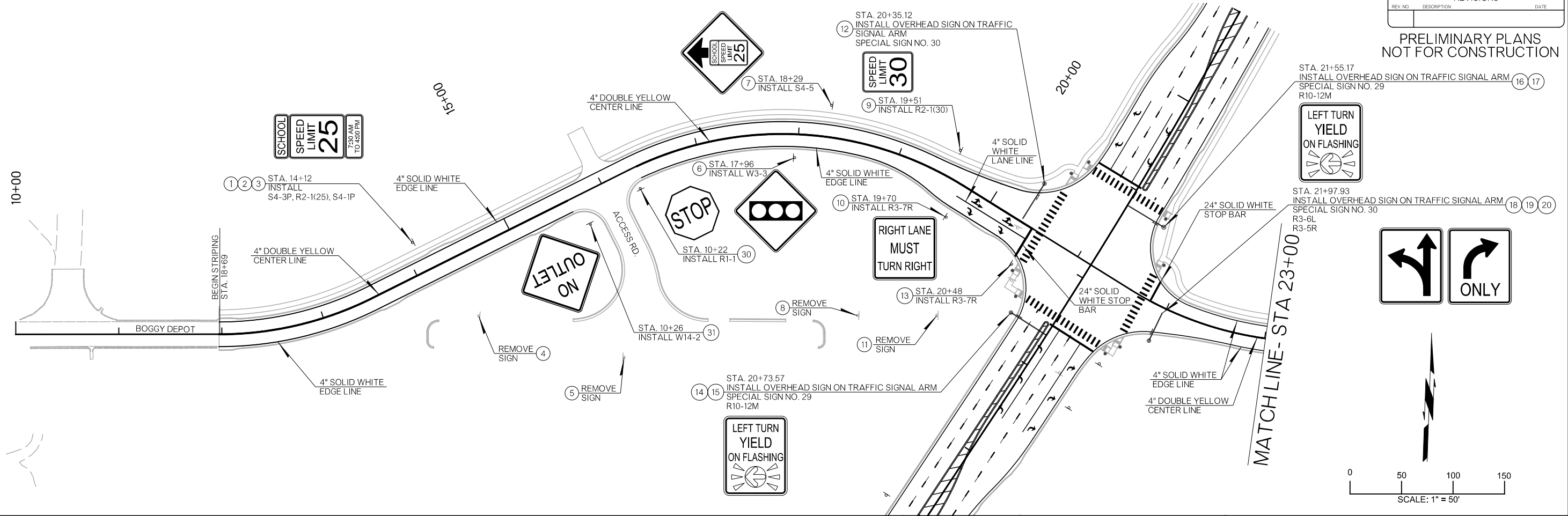


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SIGNING AND STRIPING		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB PIECE NO. 30410(04)		SHEET NO. T037	

26-JUN-2024 pw://pw-int.hntb.org/PWCentral/Div/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Signing-Marking

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



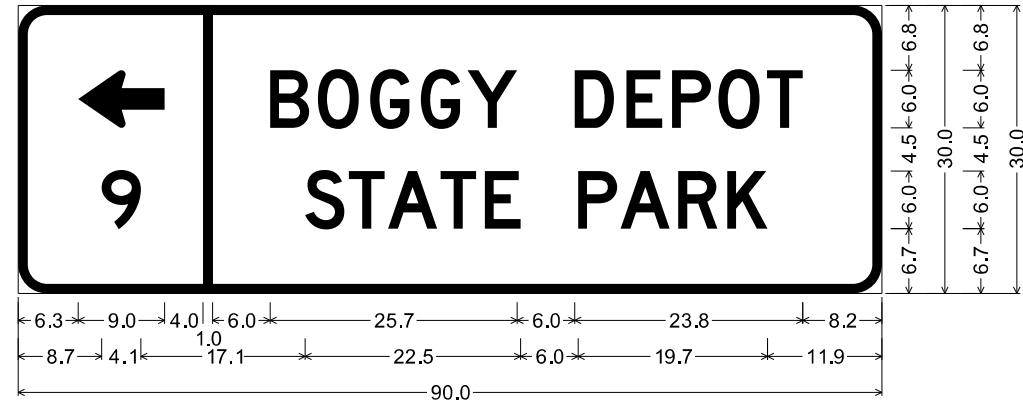
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
SIGNING AND STRIPING		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION
JOB/PIECE NO. 30410(04)		SHEET NO. T038

26-JUN-2024 pw://pw-intl.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-Signing-Marking

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

SPECIAL SIGN NO. 1



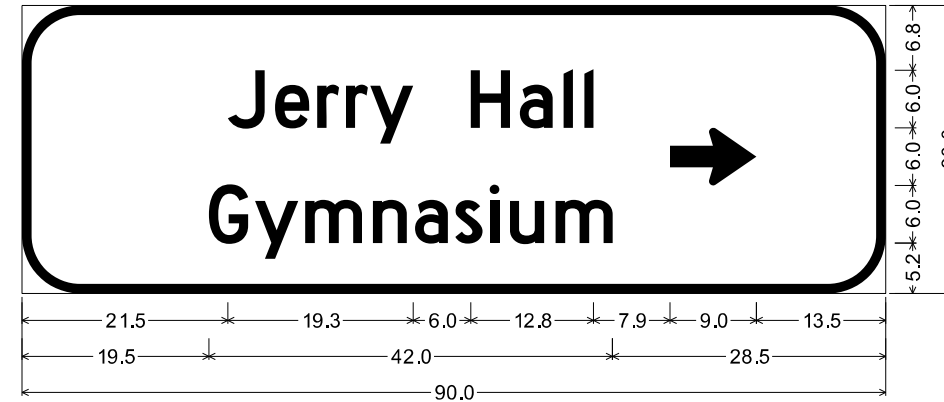
3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; "9", D 2K; "BOGGY DEPOT", D 2K;
"STATE PARK", D 2K;

Table of distances between letter and object lefts

6.3	9.0	4.0	6.0	25.7	6.0	23.8	8.2
8.7	4.1	1.0	17.1	22.5	6.0	19.7	11.9
90.0							

9	S	T	A	T	E	P	A	R	K		
8.7	2.1	4.6	4.1	5.4	4.6	9.8	4.4	6.0	5.1	4.2	11.9

SPECIAL SIGN NO. 3

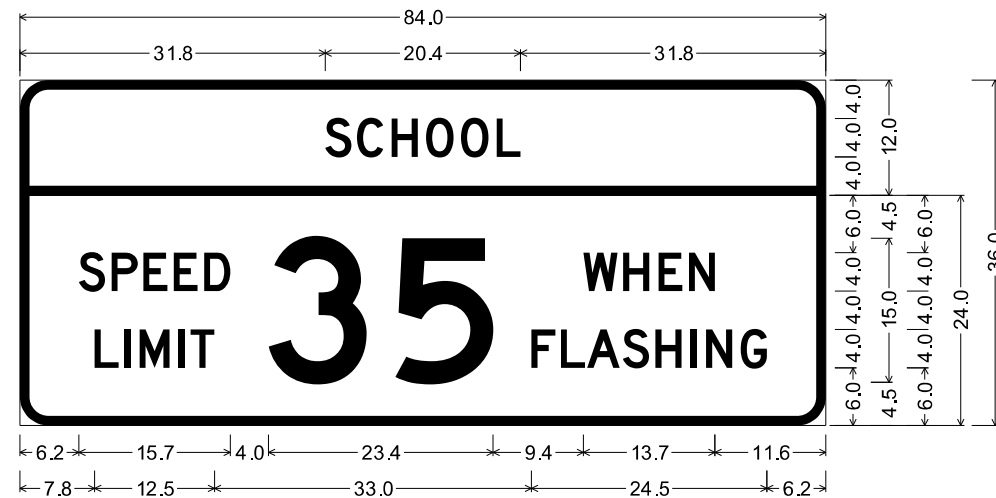


D1-3 ;
6.0" Radius, 1.0" Border, White on Green;
"Jerry Hall", D 2K; "Gymnasium", D 2K; Standard Arrow Custom 9.0" X 6.0" 0°;

Table of distances between letter and object lefts

21.5	J	e	r	r	y	H	a	l	l	→	13.5
4.9	4.4	3.0	2.5	10.5	5.1	4.5	2.2	8.9	9.0	13.5	
19.5	G	y	m	n	a	s	i	u	m		
4.8	4.8	5.2	7.1	4.4	4.2	3.6	2.1	4.7	5.9	28.5	

SPECIAL SIGN NO. 2

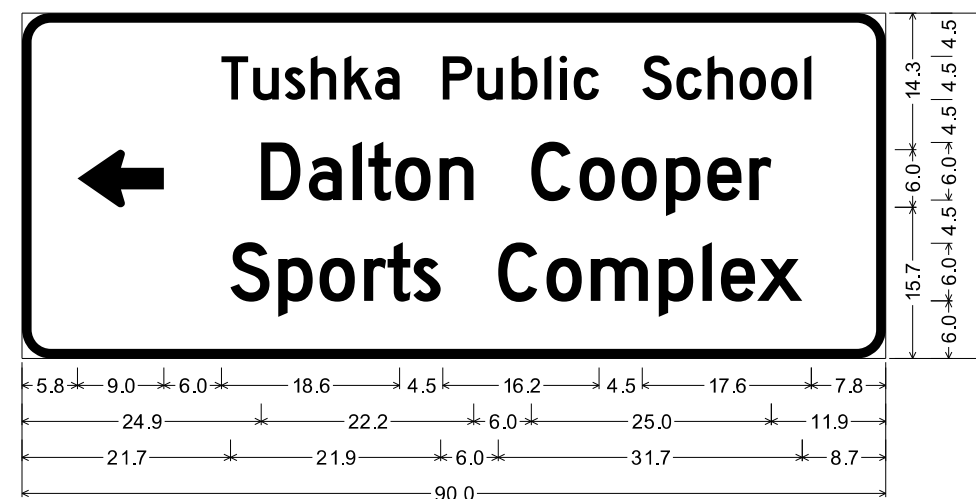


3.0" Radius, 1.0" Border, Black on Yellow;
"SCHOOL", D 2K;
3.0" Radius, 1.0" Border, Black on White;
"SPEED", D 2K; "LIMIT", D 2K; "35", D 2K; "WHEN", D 2K;
"FLASHING", D 2K;

Table of distances between letter and object lefts

31.8	S	C	H	O	O	L		31.8							
3.3	3.6	3.6	3.7	3.7	2.5										
6.2	S	P	E	E	D	3	5	W	H	E	N		11.6		
3.4	3.3	3.1	3.2	6.7	13.2	19.6	4.2	3.7	3.1	2.7					
7.8	L	I	M	I	T	F	L	A	S	H	I	N	G		6.2
3.1	1.6	4.1	1.2	35.5	3.1	2.7	3.7	3.4	3.7	1.6	3.6	2.7			

SPECIAL SIGN NO. 4



3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; "Tushka Public School", D 2K;
"Dalton Cooper", D 2K; "Sports Complex", D 2K;

Table of distances between letter and object lefts

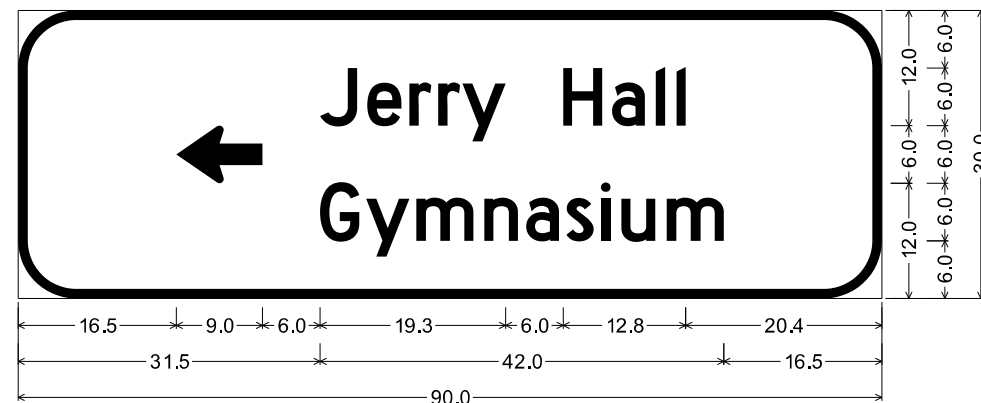
5.8	←	T	u	s	h	k	a	P	u	b	l	i	c	S	c	h	o	o	l		7.8	
15.0	3.3	3.3	2.7	3.5	3.2	7.1	3.6	3.5	3.4	1.6	1.5	7.1	3.6	3.2	3.4	3.3	3.4	0.7				
24.9	D	a	l	t	o	n	C	o	o	p	e	r										
5.0	4.6	1.6	2.8	4.6	9.6	5.0	4.4	4.6	4.3	4.4	2.3	11.9										
21.7	S	p	o	r	t	s	C	o	m	p	l	e	x									
5.0	4.3	4.6	2.5	2.7	8.8	5.1	4.6	7.1	4.5	1.9	3.8	4.7	8.7									

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
SPECIAL SIGN DETAILS		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION
JOB/PIECE NO. 30410(04)		SHEET NO. T039

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

SPECIAL SIGN NO. 5

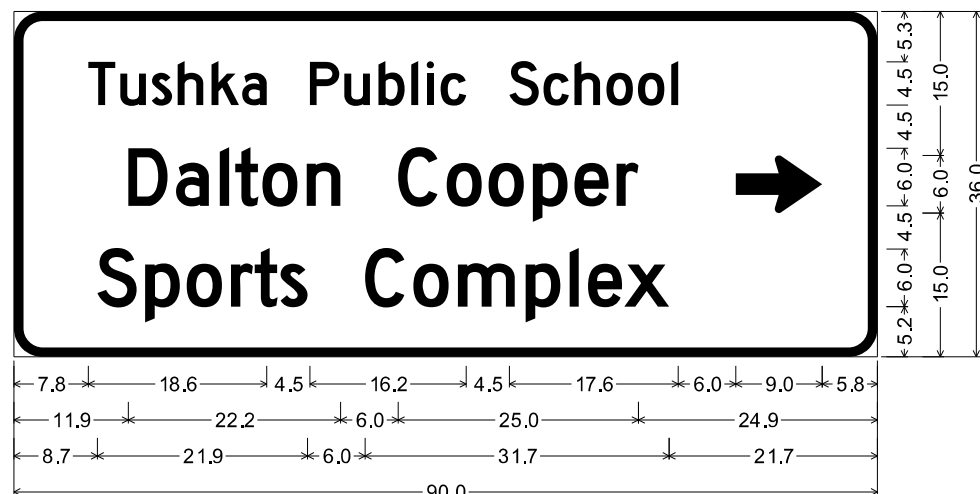


D1-3
6.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; "Jerry Hall", D 2K; "Gymnasium", D 2K;

Table of distances between letter and object lefts

16.5	←	J	e	r	r	y	H	a	l	l	20.4
15.0	4.9	4.4	3.0	2.5	10.5	5.1	4.6	2.1	1.0	20.4	
31.5	G	y	m	n	a	s	i	u	m	16.5	
4.8	5.2	7.1	4.4	4.2	3.6	2.1	4.7	5.9	16.5		

SPECIAL SIGN NO. 6

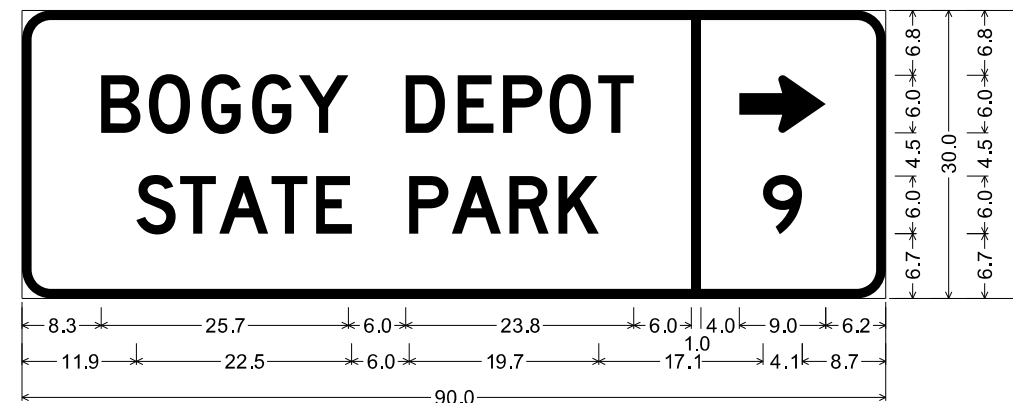


3.0" Radius, 1.0" Border, White on Green;
"Tushka Public School", D 2K; "Dalton Cooper", D 2K; "Sports Complex", D 2K;
Standard Arrow Custom 9.0" X 6.0" 0°;

Table of distances between letter and object lefts

7.8	T	u	s	h	k	a	P	u	b	l	i	c	S	c	h	o	o	l	→	5.8		
3.3	3.3	2.7	3.5	3.2	7.1	3.6	3.5	3.4	1.6	1.5	7.1	3.6	3.2	3.4	3.3	3.4	6.7	9.0	5.8			
11.9	D	a	l	t	o	n	C	o	o	p	e	r	24.9									
5.0	4.6	1.6	2.8	4.6	9.6	5.0	4.4	4.6	4.3	4.4	2.3	24.9										
8.7	S	p	o	r	t	s	C	o	m	p	l	e	x	21.7								
5.0	4.3	4.6	2.5	2.7	8.8	5.1	4.6	7.1	4.5	1.9	3.8	4.7	21.7									

SPECIAL SIGN NO. 7

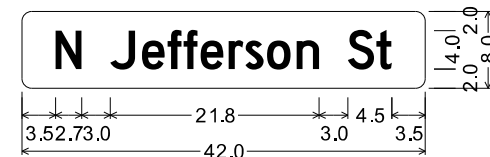


3.0" Radius, 1.0" Border, White on Brown;
"BOGGY DEPOT", D 2K; "STATE PARK", D 2K;
Standard Arrow Custom 9.0" X 6.0" 0°; "9", D 2K;

Table of distances between letter and object lefts

8.3	B	O	G	G	Y	D	E	P	O	T	→	6.2
4.9	5.5	5.3	4.8	11.2	5.4	4.7	4.9	5.0	9.8	5.0	9.0	6.2
11.9	S	T	A	T	E	P	A	R	K	9	8.7	
4.6	4.1	5.4	4.6	9.8	4.4	6.0	5.1	21.3	4.1	8.7		

SPECIAL SIGN NO. 8

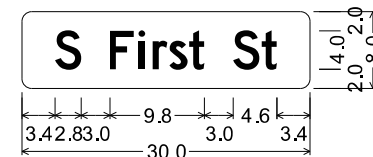


D3-1;
1.0" Radius, No border, White on Green;
"N", D 2K; "Jefferson", D 2K;
"St", D 2K;

Table of distances between letter and object lefts

3.5	N	J	e	f	f	e	r	s	a	n	2.4
2.7	3.0	3.3	2.7	1.6	1.8	2.9	1.8	2.2	3.1	2.4	
3.4	S	t	3.5								
2.9	1.6	3.5									

SPECIAL SIGN NO. 9

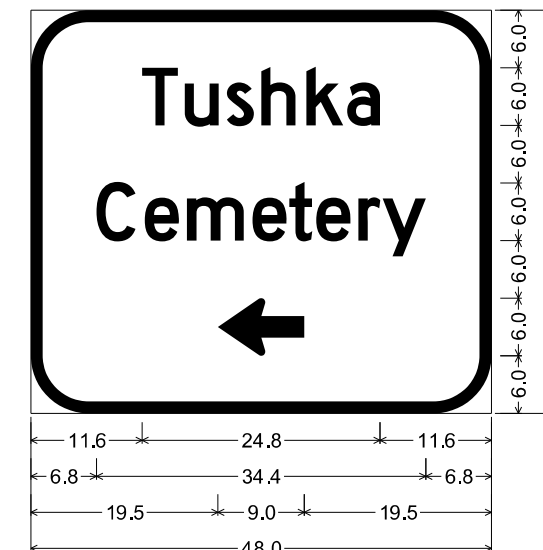


D3-1;
1.0" Radius, No border, White on Green;
"S", D 2K; "First", D 2K;
"St", D 2K;

Table of distances between letter and object lefts

3.4	S	F	i	r	s	t	1.6
5.8	3.0	1.4	1.8	2.0	1.6		
3.0	S	t	3.4				
3.0	3.0	1.6	3.4				

SPECIAL SIGN NO. 10



6.0" Radius, 1.3" Border, White on Green;
"Tushka", D 2K; "Cemetery", D 2K;
Standard Arrow Custom 9.0" X 6.0" 180°;

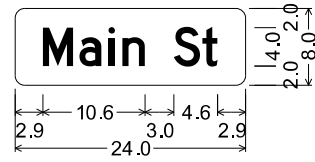
Table of distances between letter and object lefts

11.6	T	u	s	h	k	a	11.6			
4.5	4.3	3.6	4.7	4.3	3.4	11.6				
6.8	C	e	m	e	t	e	r	y	6.8	
5.1	4.4	6.8	3.8	2.9	4.3	2.6	4.5	6.8		
19.5	←	19.5								
9.0		19.5								

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB
SPECIAL SIGN DETAILS		CHECK: RBH
		ENGINEER: MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION
JOB/PIECE NO. 30410(O4)		SHEET NO. T040

REVISIONS		DATE
REV. NO.	DESCRIPTION	

SPECIAL SIGN NO. 11

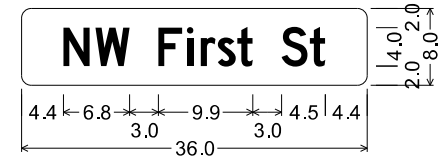


D3-1;
1.0" Radius, No border, White on Green;
"Main St", D 2K;

Table of distances between letter and object lefts

M	a	i	n	S	t
2.9	3.8	3.0	1.5	2.3	3.0
3.0	3.0	1.6	2.9		

SPECIAL SIGN NO. 13

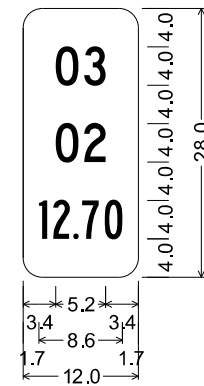


D3-1;
1.0" Radius, No border, White on Green;
"NW", D 2K; "First", D 2K;
"St", D 2K;

Table of distances between letter and object lefts

N	W	F	i	r	s	t	S	t
4.4	3.3	6.5	3.0	1.5	1.7	2.1	1.6	3.0
2.9	1.6	4.4						

SPECIAL SIGN NO. 16

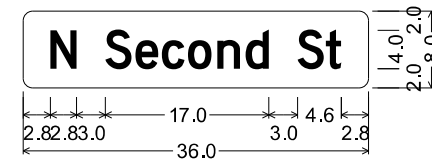


2.0" Radius, 0.0" Border, White on Green;
"03", C 2K;
"02", C 2K;
"12.70", B 2K;

Table of distances between letter and object lefts

0	3		
3.4	3.0	2.2	3.4
0	2		
3.4	3.0	2.2	3.4
1	2	7	0
1.7	1.4	2.1	0.9
2.4	1.8	1.7	

SPECIAL SIGN NO. 17

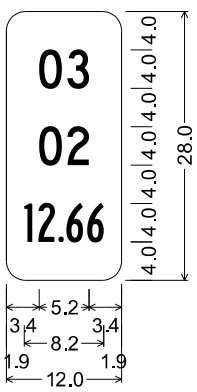


D3-1;
1.0" Radius, No border, White on Green;
"N Second St", D 2K 98% spacing;

Table of distances between letter and object lefts

N	S	e	c	o	n	d	S	t
2.8	5.8	3.1	2.8	2.7	3.1	2.9	2.4	3.0
3.0	3.0	1.6	2.8					

SPECIAL SIGN NO. 14

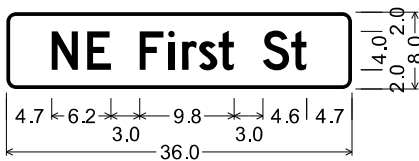


2.0" Radius, 0.0" Border, White on Green;
"03", C 2K;
"02", C 2K;
"12.66", B 2K;

Table of distances between letter and object lefts

0	3		
3.4	3.0	2.2	3.4
0	2		
3.4	3.0	2.2	3.4
1	2	6	6
1.9	1.4	2.1	0.9
2.1	1.7	1.9	

SPECIAL SIGN NO. 15

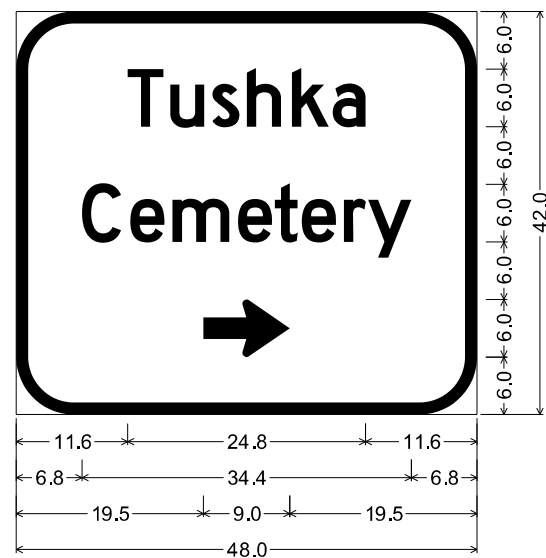


D3-1;
1.0" Radius, 0.4" Border, White on Green;
"NE", D 2K; "First", D 2K;
"St", D 2K;

Table of distances between letter and object lefts

N	E	F	i	r	s	t	S	t
4.7	3.7	5.5	3.0	1.4	1.8	2.0	4.6	3.0
1.6	4.7							

SPECIAL SIGN NO. 12

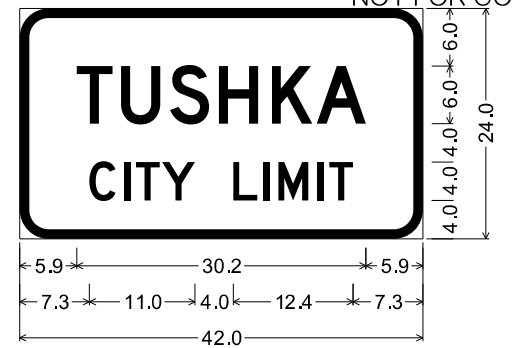


6.0" Radius, 1.3" Border, White on Green;
"Tushka", D 2K; "Cemetery", D 2K;
Standard Arrow Custom 9.0" X 6.0" 0°;

Table of distances between letter and object lefts

T	u	s	h	k	a		
11.6	4.5	4.3	3.6	4.7	4.3	3.4	11.6
C	e	m	e	t	e	r	y
6.8	5.1	4.4	6.8	3.8	2.9	4.3	2.6
4.5	6.8						
19.5	9.0	19.5					

SPECIAL SIGN NO. 18

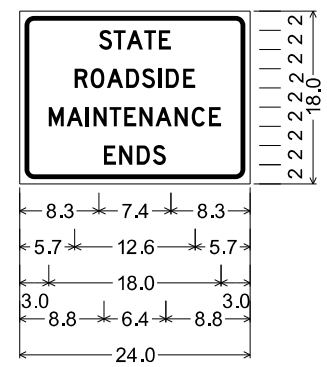


3.0" Radius, 1.0" Border, White on Green;
"TUSHKA", D 2K;
"CITY LIMIT", D 2K;

Table of distances between letter and object lefts

T	U	S	H	K	A		
5.9	4.7	5.1	5.1	5.5	4.7	5.1	5.9
C	I	T	Y	L	I	M	I
7.3	3.6	1.2	2.7	7.5	3.0	1.6	4.1
1.3	2.4	7.3					

SPECIAL SIGN NO. 19



1.5" Radius, 0.5" Border, 0.5" Indent, Black on White;
"STATE", D 2K;
"ROADSIDE", D 2K;
"MAINTENANCE", D 2K;
"ENDS", D 2K;

Table of distances between letter and object lefts

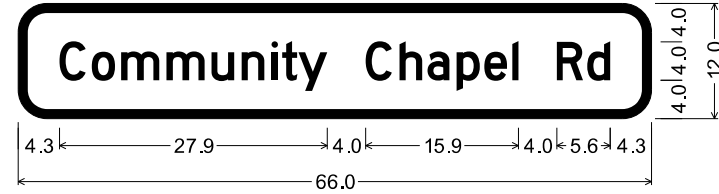
S	T	A	T	E		
8.3	1.5	1.3	1.9	1.5	1.2	8.3
R	O	A	D	S	I	D
5.7	1.7	1.7	2.0	1.6	1.7	0.8
1.8	1.3	5.7				
M	A	I	N	T	E	N
3.0	1.9	2.0	0.8	1.7	1.5	1.6
1.6	2.0	1.8	1.8	1.3	3.0	
E	N	D	S			
8.8	1.6	1.8	1.7	1.3	8.8	

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: EEB	
SPECIAL SIGN DETAILS		CHECK: RBH	
		ENGINEER: MJG	
		HNTB	
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	SHEET NO. T041	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

SPECIAL SIGN NO. 20

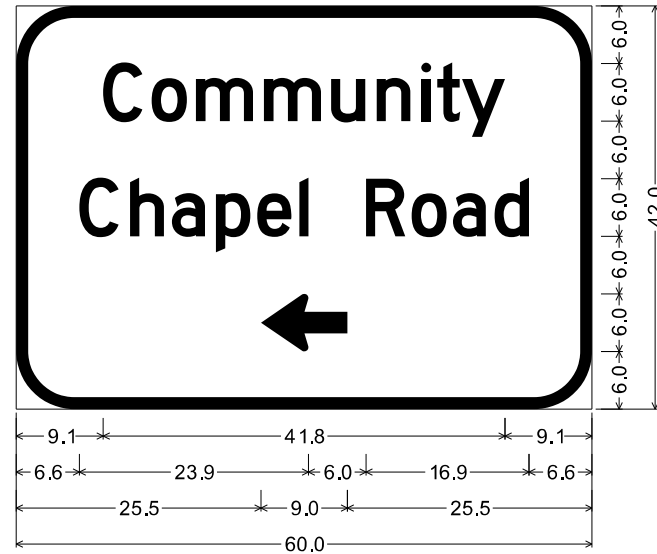


3.0" Radius, 1.0" Border, Black on Yellow;
"Community Chapel Rd", D 2K;

Table of distances between letter and object lefts

4.3	C	o	m	m	u	n	i	t	y	C	h	a	p	e	l
3.4	3.4	3.0	4.8	4.6	3.2	3.1	1.1	1.7	7.0	3.5	3.0	3.0	2.9	2.9	0.6
	R	d													
4.0	3.2	2.4	4.3												

SPECIAL SIGN NO. 21

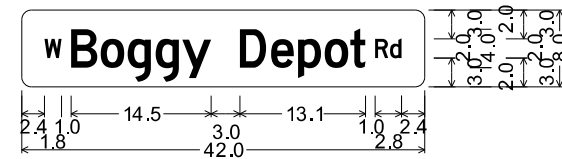


6.0" Radius, 1.3" Border, White on Green;
"Community", D 2K; "Chapel Road", D 2K;
Standard Arrow Custom 9.0" X 6.0" 180°;

Table of distances between letter and object lefts

9.1	C	o	m	m	u	n	i	t	y	9.1	
5.0	5.0	4.6	7.1	7.0	4.8	4.6	1.7	2.5	4.5	5.0	
6.6	C	h	a	p	e	l	R	o	a	d	
5.3	5.3	4.3	4.6	4.3	4.4	7.0	4.7	4.3	4.3	3.6	6.6
25.5	←	25.5									

SPECIAL SIGN NO. 22



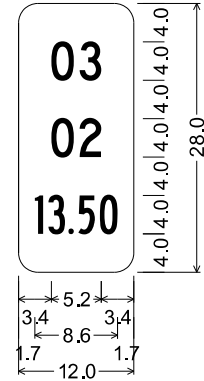
D3-1;

1.0" Radius, No border, White on Green;
"W Boggy Depot Rd", D 2K 80% spacing;

Table of distances between letter and object lefts

2.4	W	B	o	g	g	y	D	e	p	o	t	R	d	2.4	
2.8	2.8	3.0	2.9	2.9	2.7	3.0	3.0	3.3	2.8	2.8	2.6	2.6	1.6	1.2	2.4

SPECIAL SIGN NO. 23



2.0" Radius, 0.0" Border, White on Green;

"03", C 2K;

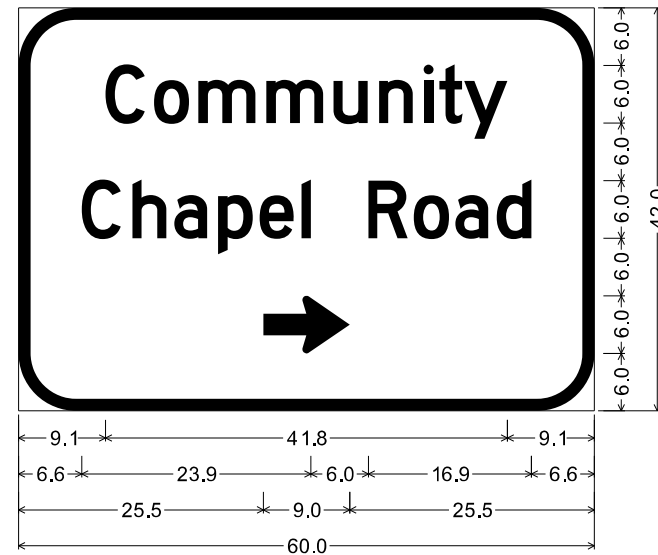
"02", C 2K;

"13.50", B 2K;

Table of distances between letter and object lefts

3.4	0	3	2.2	3.4		
3.4	3.0	2.2	3.4			
1.7	1.4	2.1	1.0	2.3	1.8	1.7

SPECIAL SIGN NO. 26



6.0" Radius, 1.3" Border, White on Green;

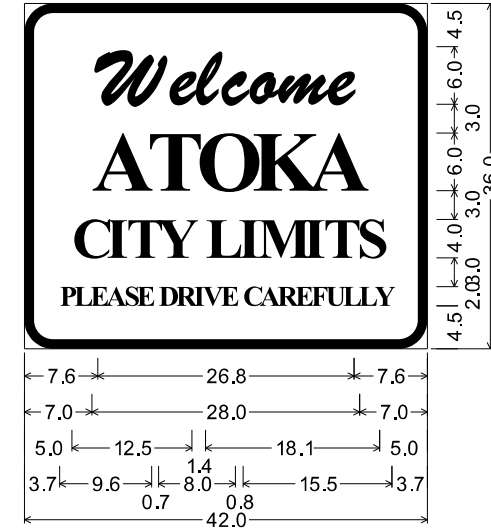
"Community", D 2K; "Chapel Road", D 2K;

Standard Arrow Custom 9.0" X 6.0" 0°;

Table of distances between letter and object lefts

9.1	C	o	m	m	u	n	i	t	y	9.1	
5.0	5.0	4.6	7.1	7.0	4.8	4.6	1.7	2.5	4.5	5.0	
6.6	C	h	a	p	e	l	R	o	a	d	
5.3	5.3	4.3	4.6	4.3	4.4	7.0	4.7	4.3	4.3	3.6	6.6
25.5	→	25.5									

SPECIAL SIGN NO. 24



3.0" Radius, 1.0" Border, White on Blue;

"Welcome", Brush Script MT, Italic, Bold 1% spacing;

"ATOKA", Times New Roman, Bold;

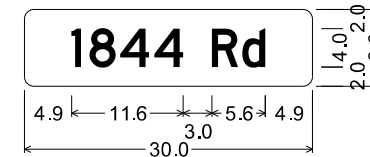
"CITY LIMITS", Times New Roman, Bold;

"PLEASE DRIVE CAREFULLY", Times New Roman, Bold 75% spacing;

Table of distances between letter and object lefts

7.6	W	e	l	e	a	m	e	7.6													
7.5	7.5	2.8	2.6	2.9	3.0	5.2	2.8	7.6													
7.0	A	T	O	K	A																
5.8	5.1	5.8	5.9	5.4	7.0																
5.0	C	I	T	Y	L	I	M	I	T	S	5.0										
3.6	2.0	3.3	5.0	3.4	2.0	4.8	2.1	3.5	2.3	5.0											
3.7	P	L	E	A	S	E	D	R	I	V	E	C	A	R	E	F	U	L	L	Y	3.7
1.5	1.5	1.7	1.6	1.9	1.3	2.3	1.8	1.9	0.9	1.9	2.3	1.7	1.9	1.8	1.7	1.5	1.8	1.7	1.6	1.8	3.7

SPECIAL SIGN NO. 27



D3-1;

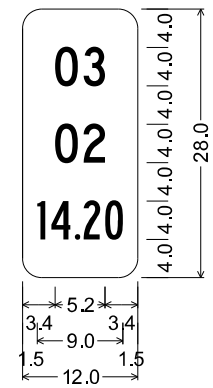
1.0" Radius, No border, White on Green;

"1844 Rd", D 2K;

Table of distances between letter and object lefts

4.9	1	8	4	4	R	d	4.9
1.9	3.2	3.5	6.0	3.2	2.4	4.9	

SPECIAL SIGN NO. 28



2.0" Radius, 0.0" Border, White on Green;

"03", C 2K;

"02", C 2K;

"14.20", B 2K;

Table of distances between letter and object lefts

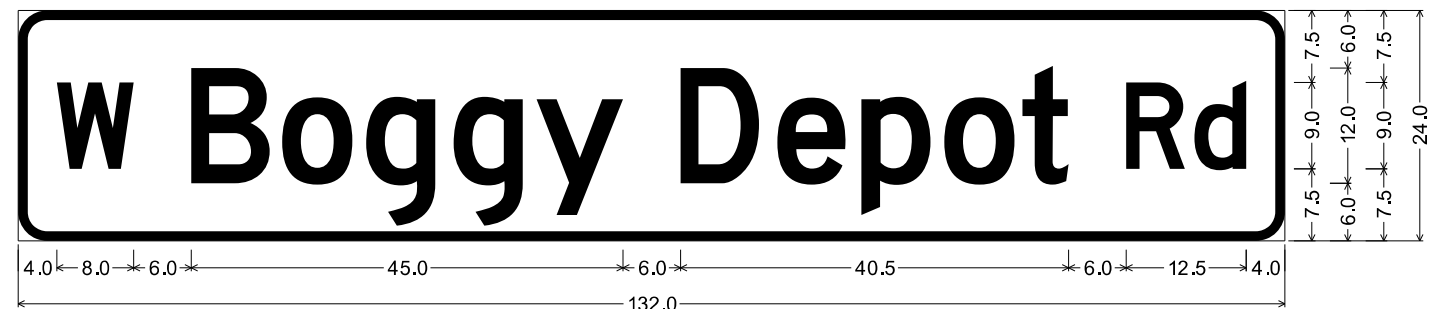
3.4	0	3	2.2	3.4		
3.4	3.0	2.2	3.4			
1.5	1.5	2.5	0.9	2.2	1.9	1.5

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	EEB
SPECIAL SIGN DETAILS		CHECK:	RBH
		ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
		JOB/PIECE NO. 30410(04)	
		SHEET NO. T042	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

SPECIAL SIGN NO. 29



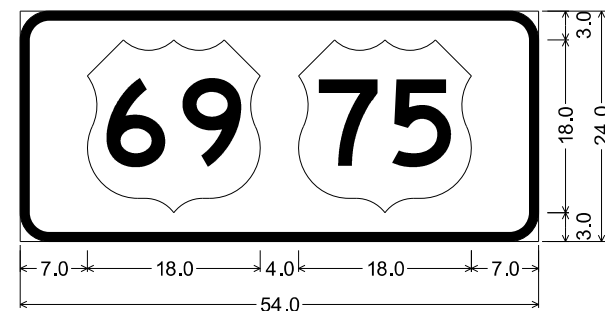
D3-1;
3.0" Radius, 1.0" Border, White on Green;

"W Boggy Depot Rd", D 2K;

Table of distances between letter and object lefts

W	B	o	g	g	y	D	e	p	o	t	R	d	R	d
4.0	14.0	9.5	8.8	9.1	8.6	15.0	10.1	8.8	8.6	8.2	10.8	7.1	5.4	4.0

SPECIAL SIGN NO. 30

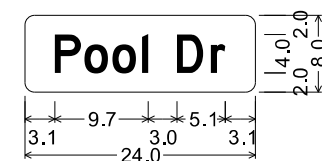


3.0" Radius, 1.0" Border, White on Green;

Table of distances between letter and object lefts

69	75
7.0	22.0
18.0	7.0

SPECIAL SIGN NO. 31



D3-1;
1.0" Radius, No border, White on Green;

"Pool Dr", D 2K;

Table of distances between letter and object lefts

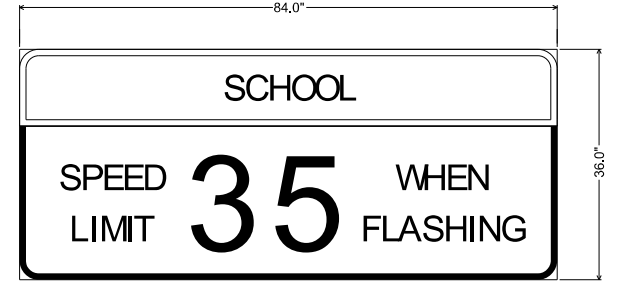
P	o	o	l	i	D	r	P	o	o	l	i	D	r
3.1	3.1	2.9	3.1	0.6	3.0	3.6	1.5	3.1	3.1	2.9	3.1	0.6	3.0

DISTRICT 02 US-69		ATOKA COUNTY		DETAIL:	EEB
SPECIAL SIGN DETAILS				CHECK:	RBH
				ENGINEER:	MJG
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION			
JOB/PIECE NO. 30410(04)		SHEET NO. T043			

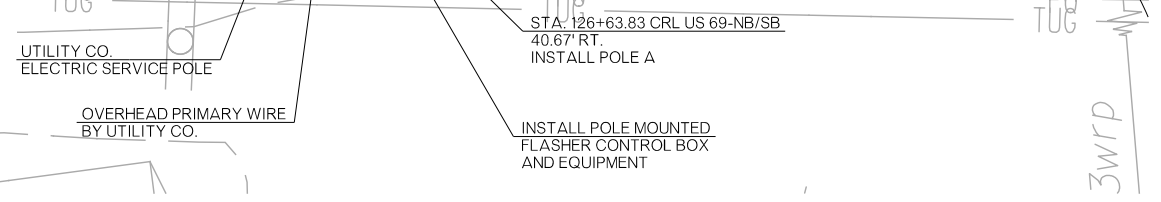
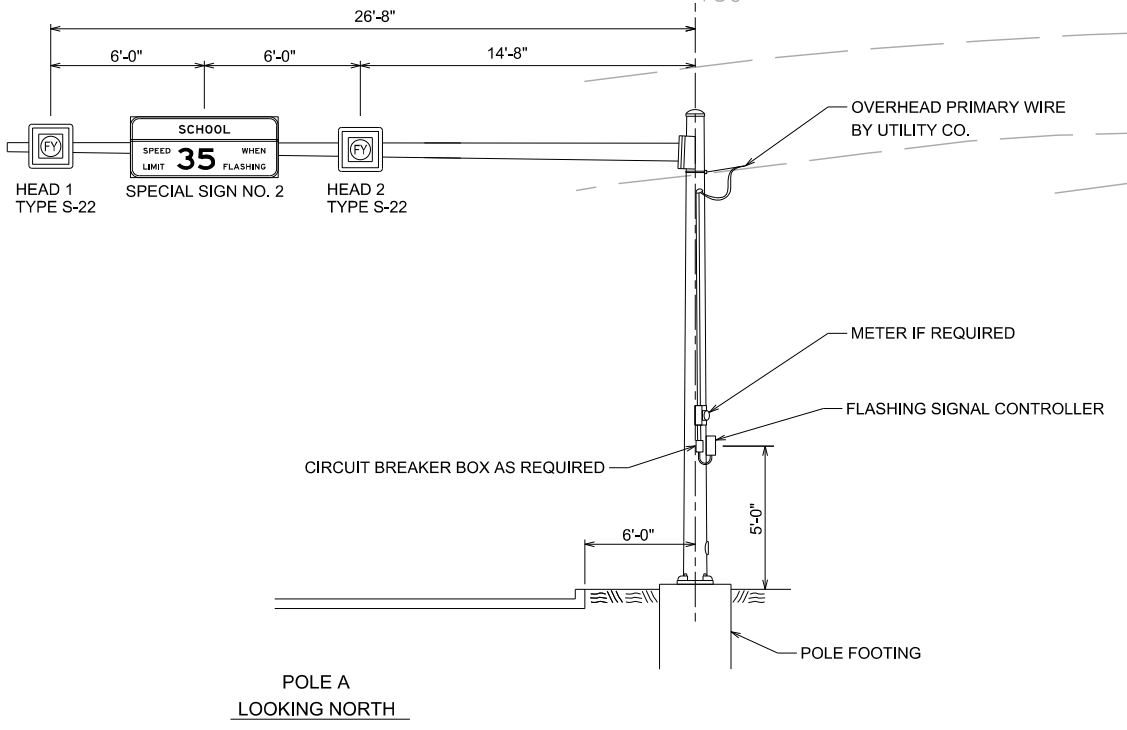
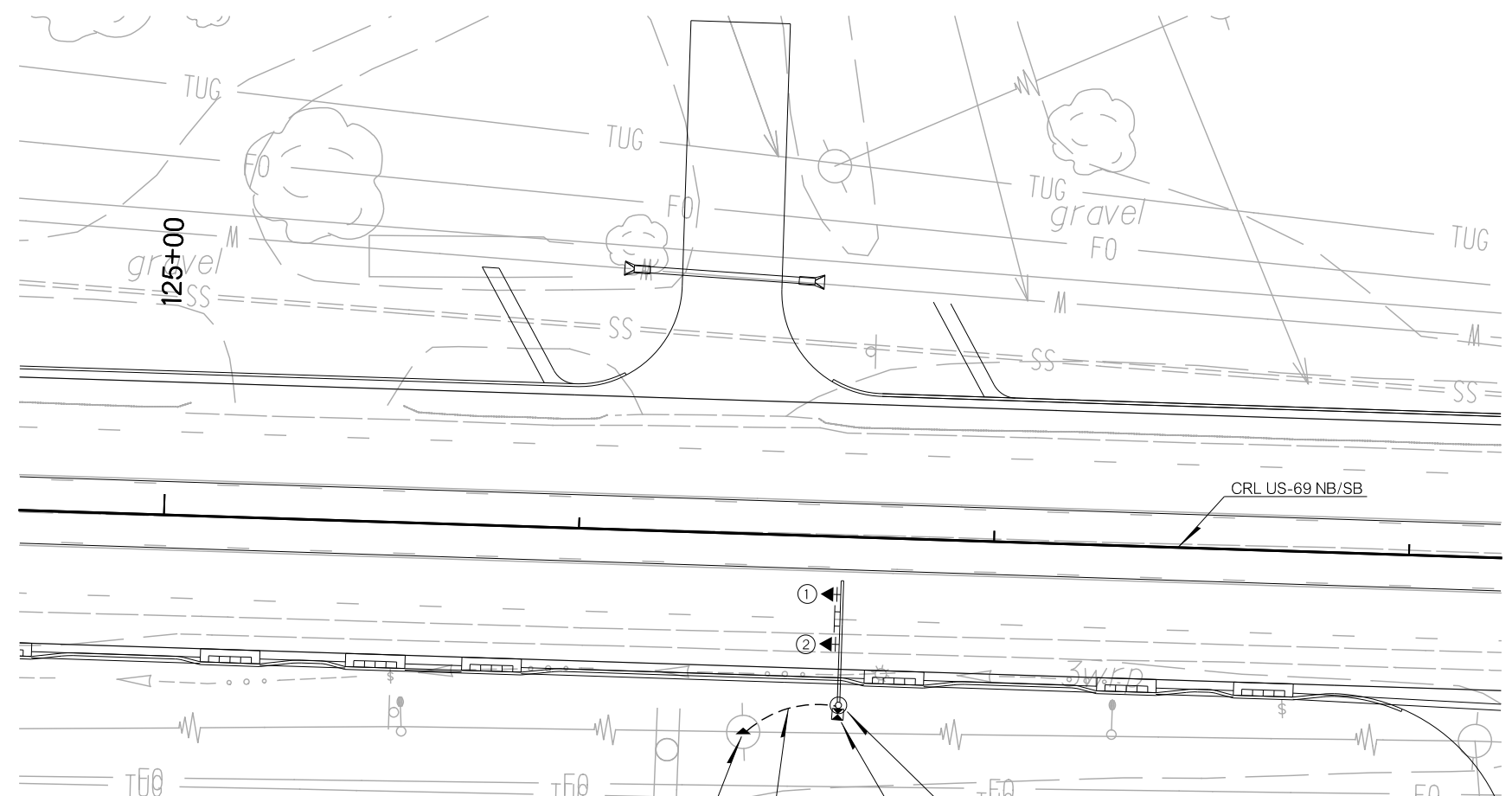
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

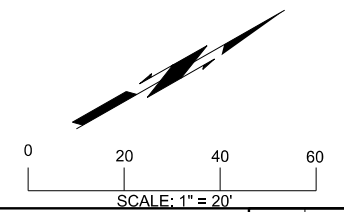
LEGEND	
	AERIAL SERVICE
	SERVICE POLE
	CONTROL BOX (POLE MOUNTED)
	SIGNAL HEAD WITH BACKPLATE
	MAST ARM SIGNAL POLE
	SIGNAL HEAD NUMBER
	TRAFFIC SIGN (MAST ARM MOUNTED) SEE SIGNING PLANS FOR DETAILS



NOTE:
SEE SPECIAL SIGN DETAILS FOR MORE INFORMATION.



POLE SCHEDULE							
POLE NUMBER	POLE ASSEMBLY				FOOTING		
	TYPE	MOUNTING HEIGHT	MAST ARM	10' ARM LUMINAIRE	DESIGN NO.	REINFORCING STEEL	STRUCTURAL CONCRETE
		FT		EA		LBS	CY
A	MAST ARM	21.5'	30'	NONE	S-40	670.40	4.50
TOTALS						670.40	4.50



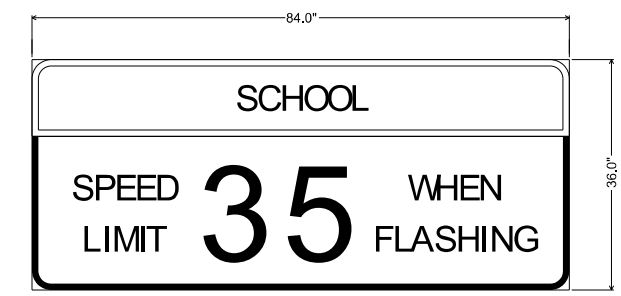
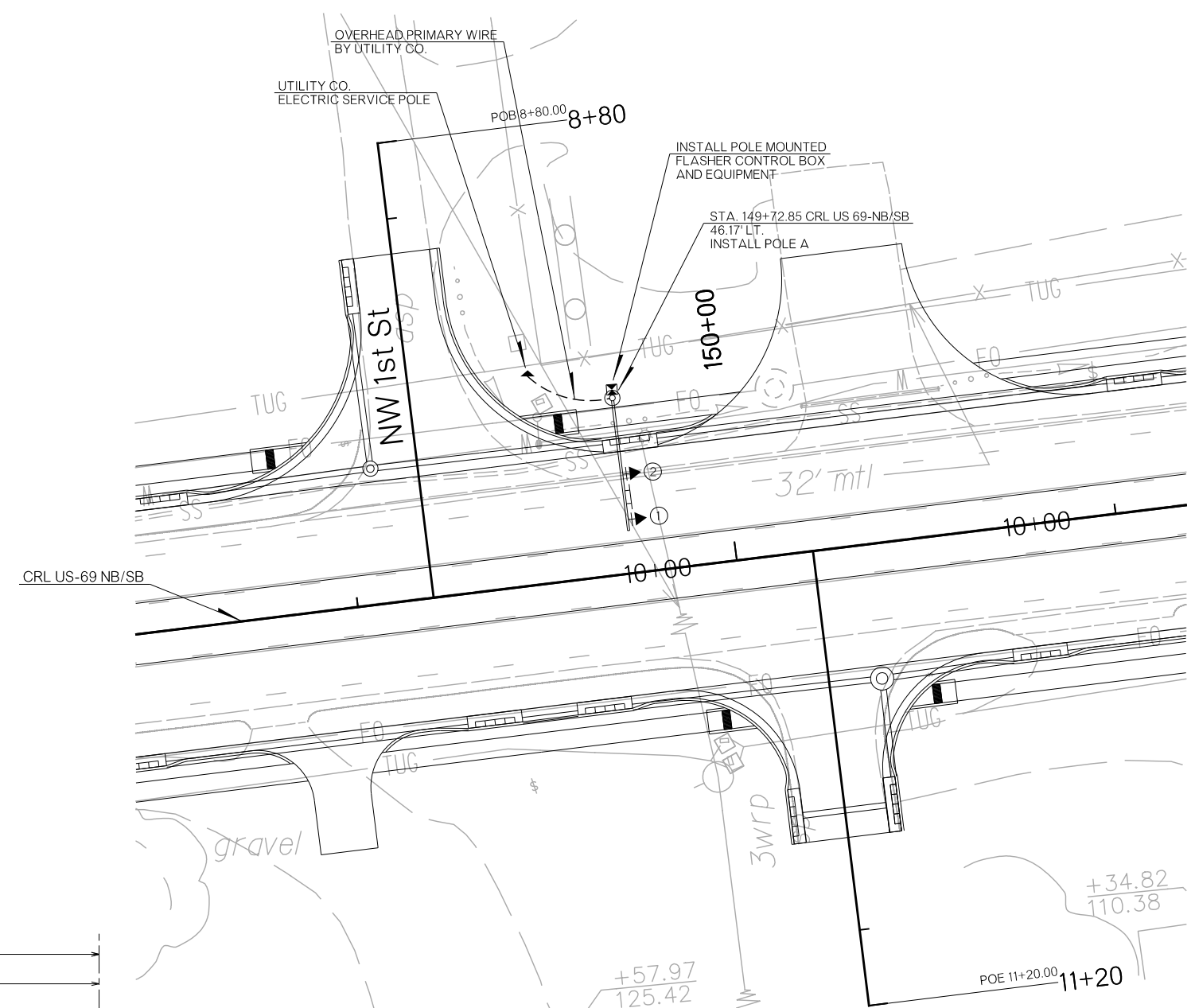
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
NORTHBOUND US-69 SCHOOL FLASHING BEACON SIGNAL PLAN		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION JOB/PIECE NO. 30410(04)		HNTB	
		SHEET NO. T044	

26-JUN-2024 pw://pw-int.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)+Signals.dgn

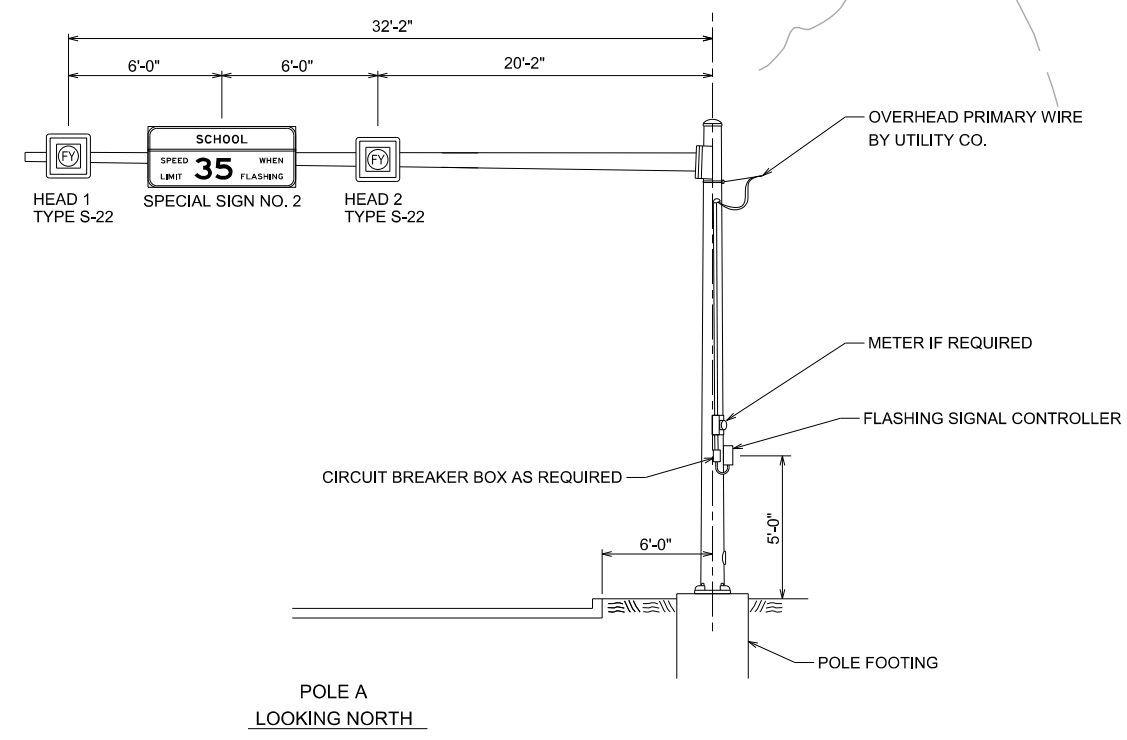
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

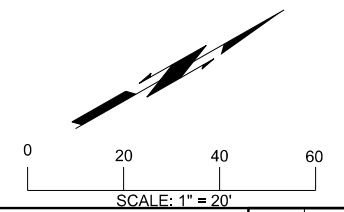
LEGEND	
	AERIAL SERVICE
	SERVICE POLE
	CONTROL BOX (POLE MOUNTED)
	SIGNAL HEAD WITH BACKPLATE
	MAST ARM SIGNAL POLE
	SIGNAL HEAD NUMBER
	TRAFFIC SIGN (MAST ARM MOUNTED) SEE SIGNING PLANS FOR DETAILS



NOTE:
SEE SPECIAL SIGN DETAILS FOR MORE INFORMATION.



POLE NUMBER	POLE ASSEMBLY				FOOTING		
	TYPE	MOUNTING HEIGHT	MAST ARM	10' ARM LUMINAIRE	DESIGN NO.	REINFORCING STEEL	STRUCTURAL CONCRETE
						FT	EA
A	MAST ARM	21.5'	35'	NONE	S-40	670.40	4.50
TOTALS						670.40	4.50



DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
SOUTHBOUND US-69 SCHOOL FLASHING BEACON SIGNAL PLAN		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)-Signals.dgn

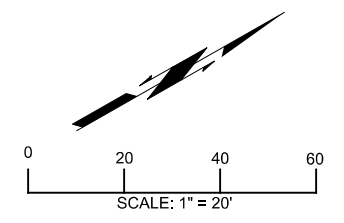
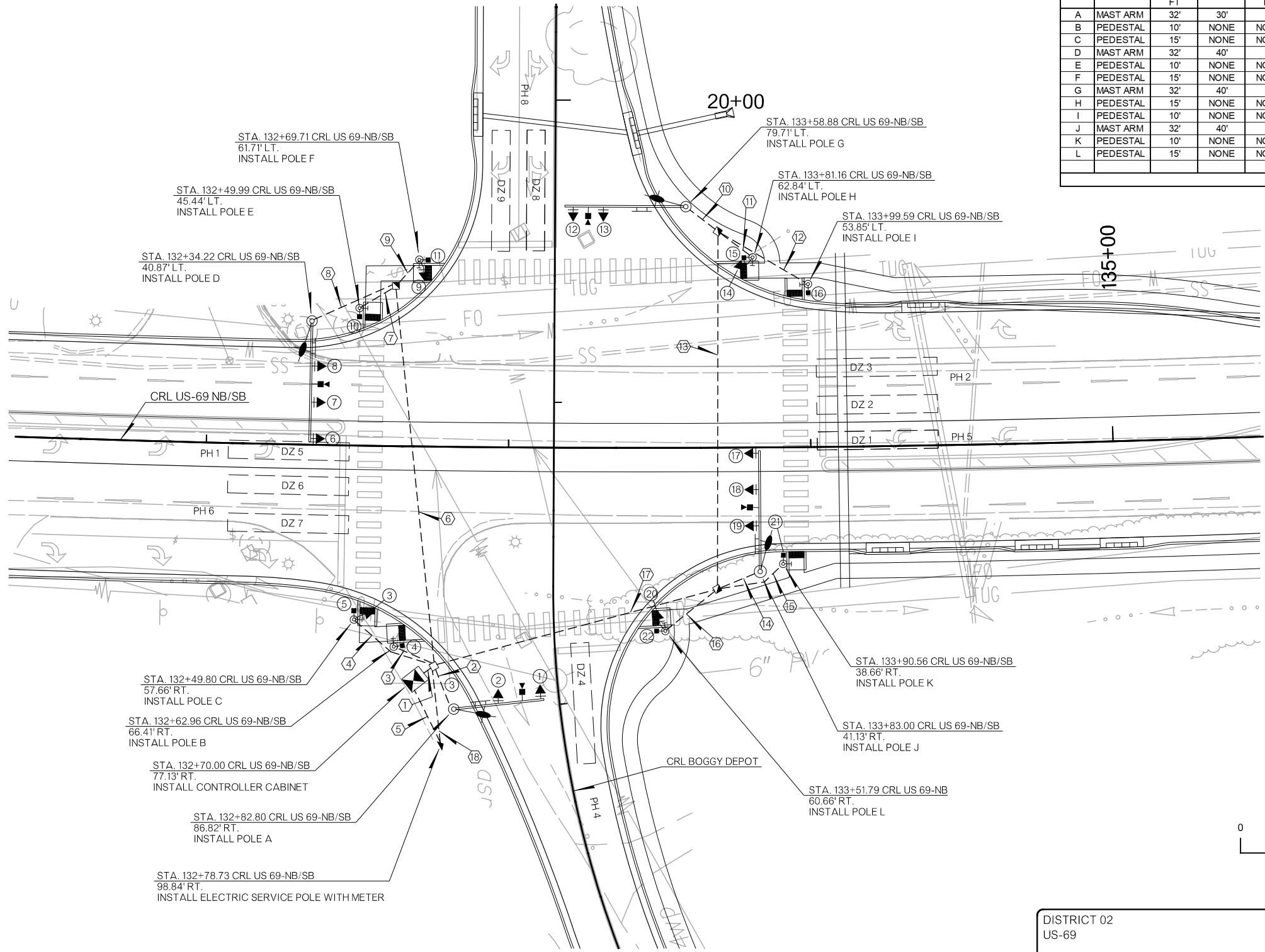
REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

LEGEND	
	CONDUIT RUN (TRENCHED TYP.)
	SIZE I PULL BOX
	SIZE II PULL BOX
	SERVICE POLE
	CONTROLLER
	PEDESTRIAN PUSH BUTTON WITH EXTENSION BRACKET
	PEDESTRIAN SIGNAL HEAD
	SIGNAL HEAD WITH BACKPLATE
	VIDEO DETECTION UNIT
	DETECTION ZONE
	PEDESTAL POLE
	COMBINATION MAST ARM SIGNAL & LIGHT POLE
	SIGNAL HEAD NUMBER
	STREET NAME SIGN

DETECTOR SETUP					
ZONE	LENGTH	CHANNEL	PHASE	SWITCH	DELAY
DZ 1	40 FT	1	5	6	NONE
DZ 2	40 FT	2	2	NONE	NONE
DZ 3	40 FT	2	2	NONE	NONE
DZ 4	40 FT	3	4	NONE	NONE
DZ 5	40 FT	4	1	2	NONE
DZ 6	40 FT	5	6	NONE	NONE
DZ 7	40 FT	5	6	NONE	NONE
DZ 8	40 FT	6	8	NONE	NONE
DZ 9	40 FT	6	8	NONE	NONE

POLE SCHEDULE							
POLE NUMBER	TYPE	POLE ASSEMBLY			FOOTING		
		MOUNTING HEIGHT	MAST ARM	10' ARM LUMINAIRE	DESIGN NO.	REINFORCING STEEL	STRUCTURAL CONCRETE
		FT	EA	EA	LBS	CY	
A	MAST ARM	32'	30'	1	S-40	670.40	4.50
B	PEDESTAL	10'	NONE	NONE	P-3	43.40	0.45
C	PEDESTAL	15'	NONE	NONE	P-3	43.40	0.45
D	MAST ARM	32'	40'	1	S-40	670.40	4.50
E	PEDESTAL	10'	NONE	NONE	P-3	43.40	0.45
F	PEDESTAL	15'	NONE	NONE	P-3	43.40	0.45
G	MAST ARM	32'	40'	1	S-40	670.40	4.50
H	PEDESTAL	15'	NONE	NONE	P-3	43.40	0.45
I	PEDESTAL	10'	NONE	NONE	P-3	43.40	0.45
J	MAST ARM	32'	40'	1	S-40	670.40	4.50
K	PEDESTAL	10'	NONE	NONE	P-3	43.40	0.45
L	PEDESTAL	15'	NONE	NONE	P-3	43.40	0.45
TOTALS						3028.80	21.60

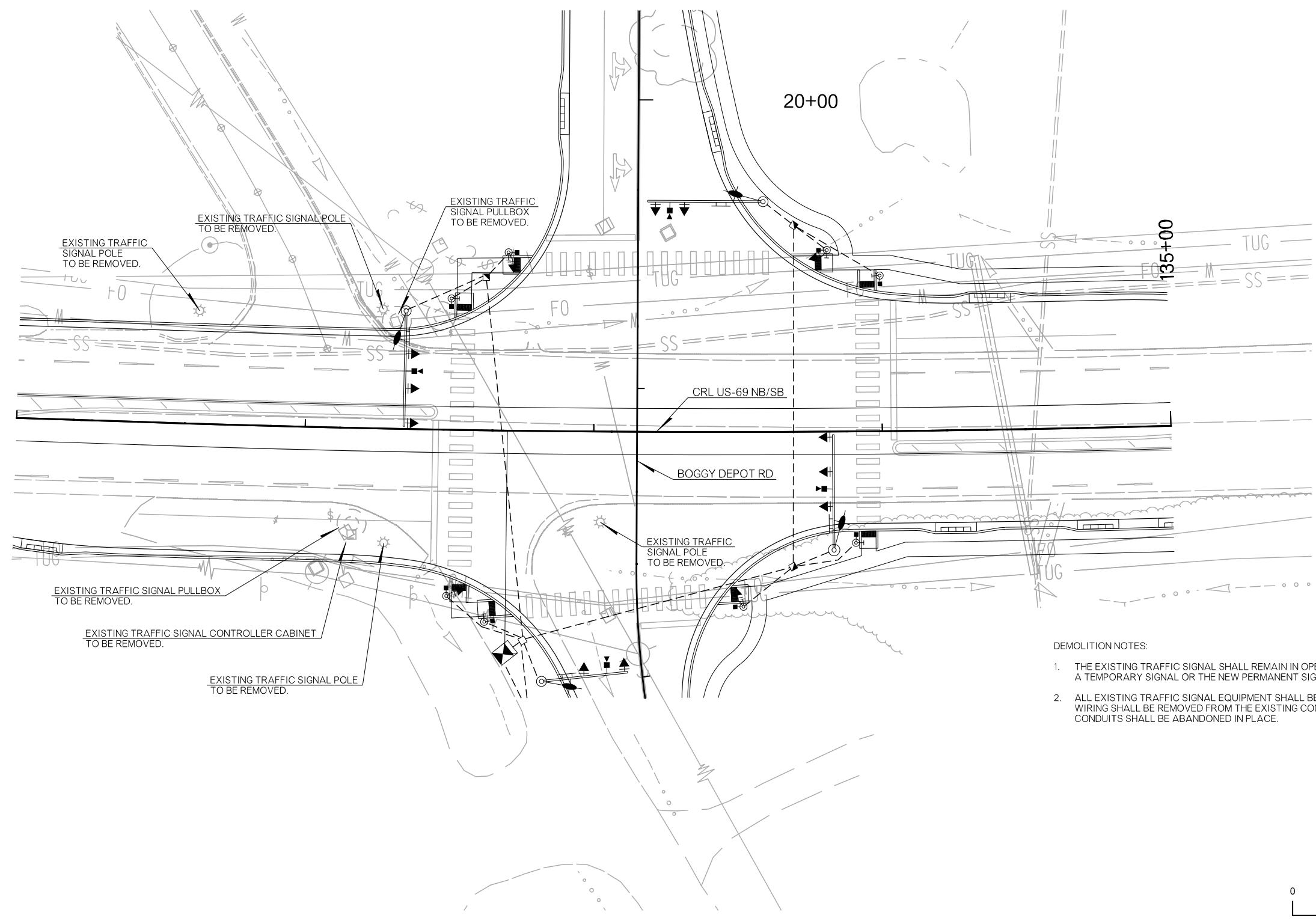


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
BOGGY DEPOT RD. SIGNAL PLAN		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

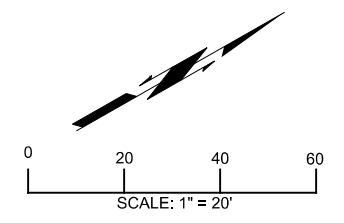
26-JUN-2024 pw://pw-int.hmtb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)-Signals.dgn

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



- DEMOLITION NOTES:
1. THE EXISTING TRAFFIC SIGNAL SHALL REMAIN IN OPERATION UNTIL A TEMPORARY SIGNAL OR THE NEW PERMANENT SIGNAL IS OPERATIONAL.
 2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED. EXISTING WIRING SHALL BE REMOVED FROM THE EXISTING CONDUITS AND THE CONDUITS SHALL BE ABANDONED IN PLACE.

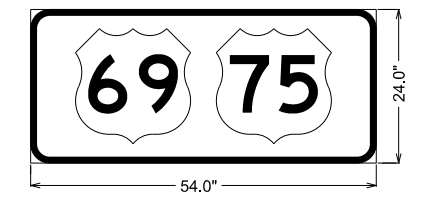
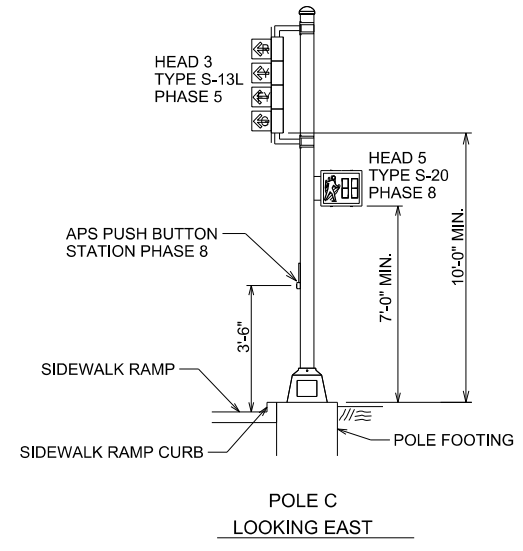
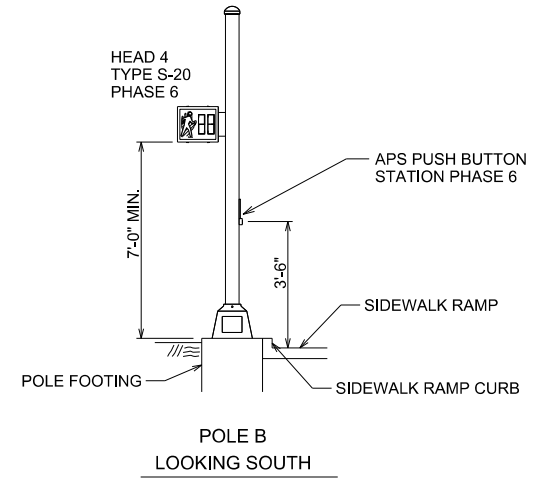
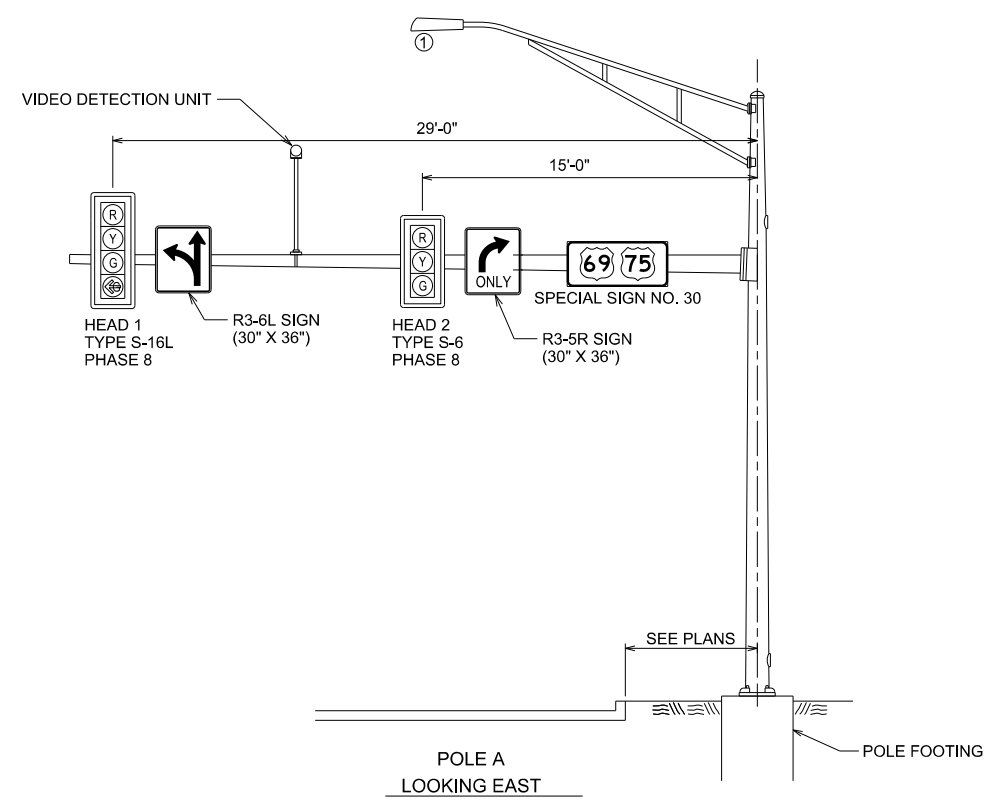


26-JUN-2024 pw://pw-intl.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)+Signals.dgn

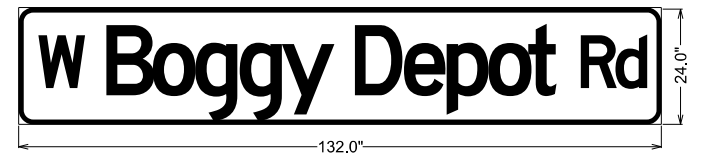
DISTRICT 02 US-69		ATOKA COUNTY		DETAIL:	SMS
BOGGY DEPOT RD. SIGNAL DEMOLITION PLAN				CHECK:	RBH
				ENGINEER:	PDH
HNTB					
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 30410(04)	
				SHEET NO. T047	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

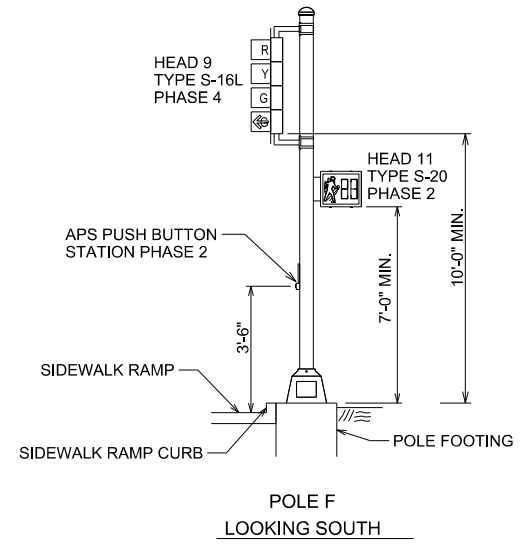
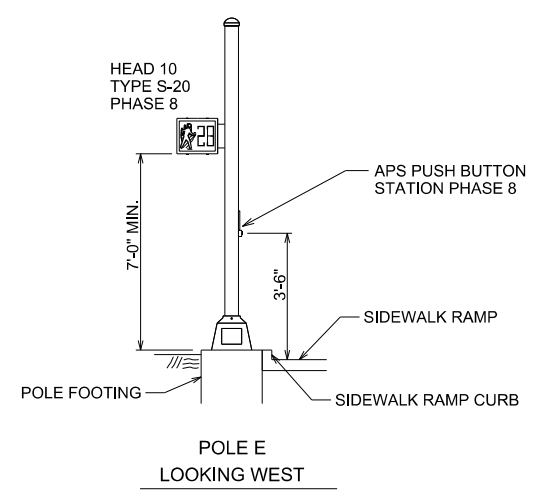
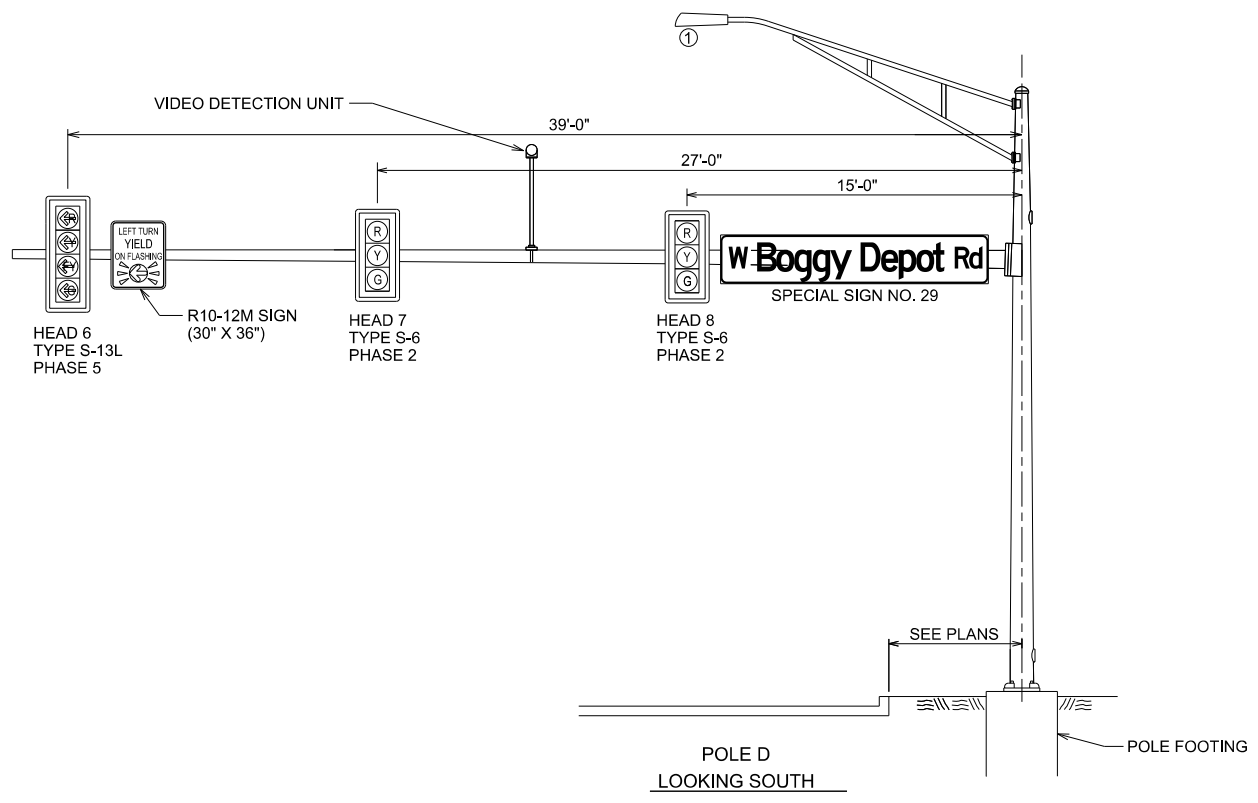
PRELIMINARY PLANS
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SPECIAL SIGN NO. 30
D3-1A



SPECIAL SIGN NO. 29
D3-1A



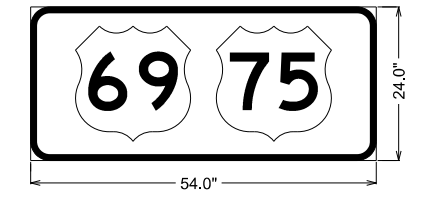
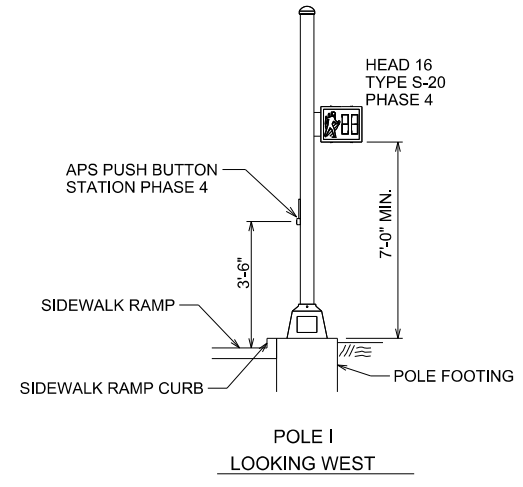
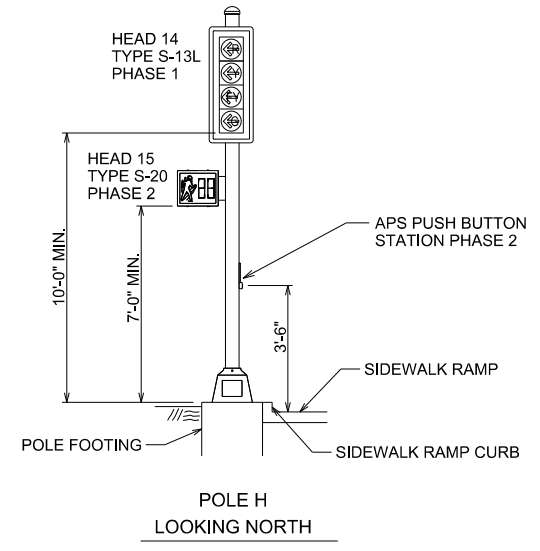
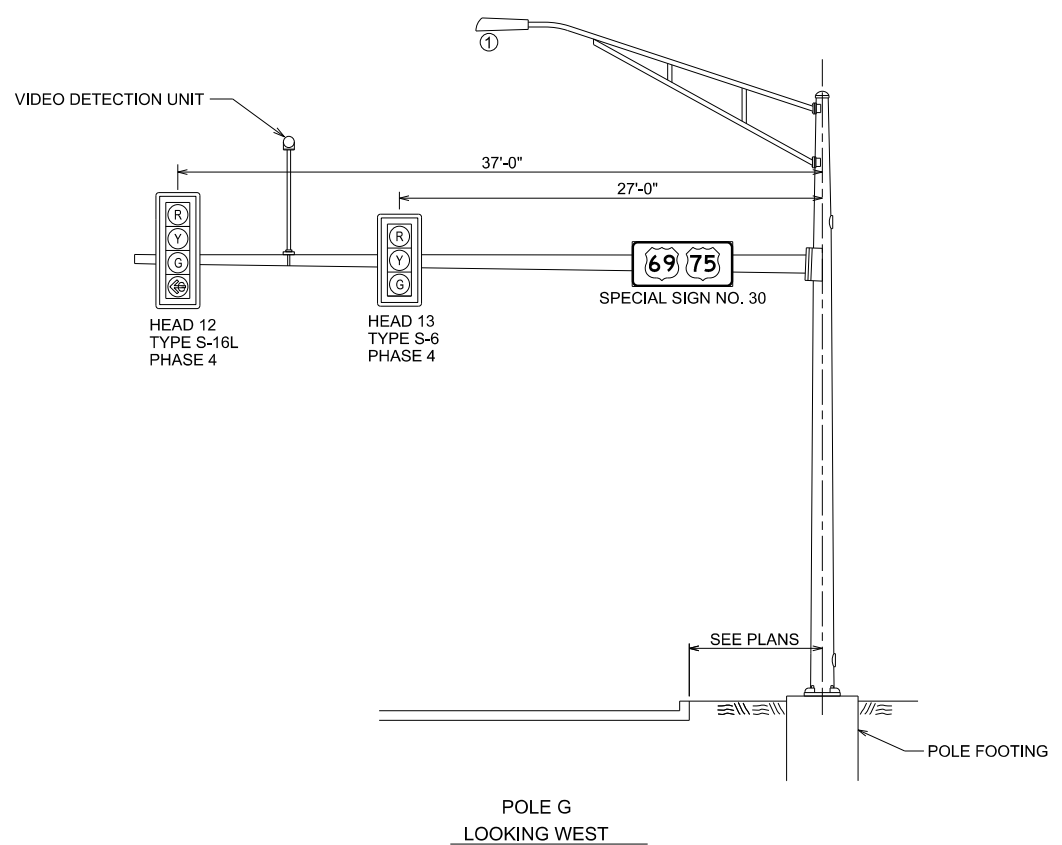
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DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
BOGGY DEPOT RD. SIGNAL ELEVATIONS (SHEET 1 OF 2)		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA		HNTB	
JOB/PIECE NO. 30410(04)		SHEET NO. T048	

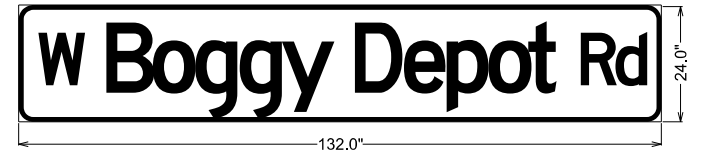
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

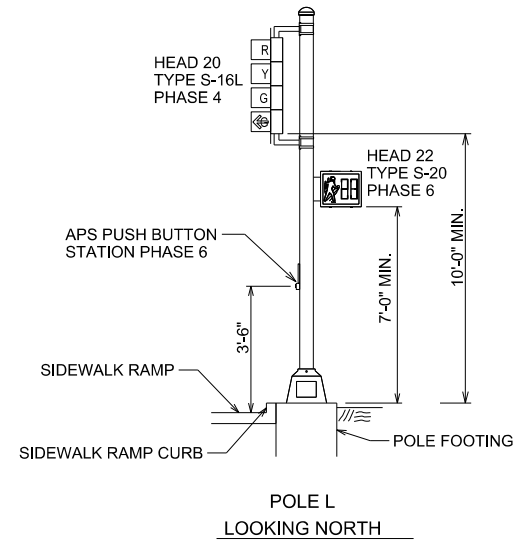
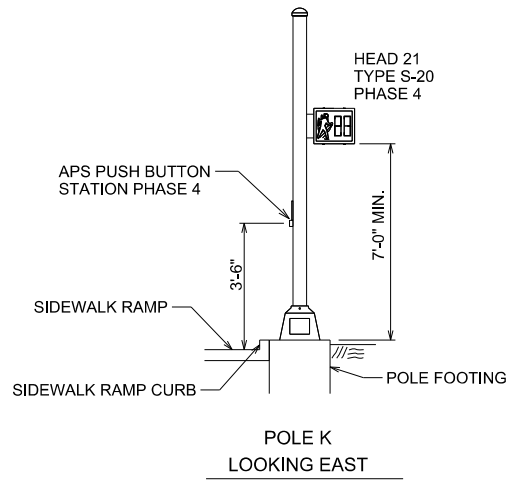
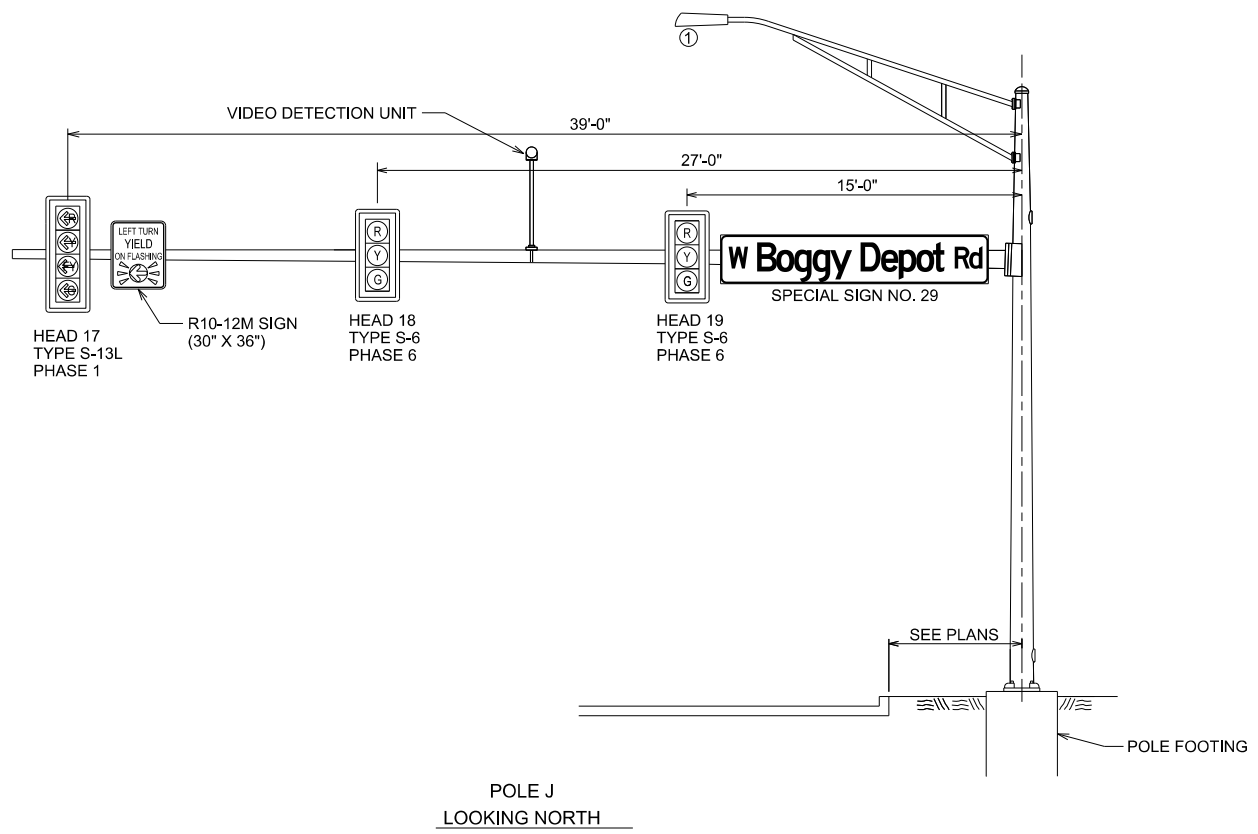
PRELIMINARY PLANS
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SPECIAL SIGN NO. 30
D3-1A



SPECIAL SIGN NO. 29
D3-1A



① LUMINAIRE TO BE INSTALLED BY OG&E.

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
BOGGY DEPOT RD. SIGNAL ELEVATIONS (SHEET 2 OF 2)		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA JOB/PIECE NO. 30410(04)		HNTB	
		DEPARTMENT OF TRANSPORTATION SHEET NO. T049	

26-JUN-2024 pw://pw-intl.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)+Signals.dgn

26-JUN-2024 10:41:04 PW:PW-INTL.HMTB.ORG:PW-CENTRAL-DIV/DOCUMENTS/OKLAHOMA PROJECTS/77746 US 69 THROUGH TUSHKA/PRODUCTION/ELECTRICAL/30410(04)-SIGNALS.DGN

CABLE TERMINATION CHART - LINE SIDE

CABLE NUMBER	DESC.	BLACK	WHITE	RED	GREEN	ORANGE	BLUE	WHITE /BLACK	RED /BLACK	GREEN /BLACK	ORANGE /BLACK	BLUE /BLACK	BLACK /WHITE	RED /WHITE	GREEN /WHITE	BLUE /WHITE	CABLE TYPE	CABLE LENGTH	5/C 14 GA QTY	12/C 14 GA QTY	15/C 14 GA QTY	2/C SHIELD 14 GA QTY		
1	CNTRL TO POLE A	SPARE	SIGNAL COMMON	HEAD 1,2 RED BALL PH 8	HEAD 1*,2 GRN BALL PH 8	HEAD 1,2 YLW BALL PH 8	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	15/C 14 GA	27		27				
2	CNTRL TO POLE B	SPARE	SIGNAL COMMON	HEAD 4 HAND PH 6	HEAD 4 PERSON PH 6	SPARE											5/C 14 GA	24	24					
3	CNTRL TO POLE B	APS BUTTON PH 6	SIGNAL COMMON														2/C SHLD 14 GA	24				24		
4	CNTRL TO POLE C	SPARE	SIGNAL COMMON	HEAD 5 HAND PH 8	HEAD 5 PERSON PH 8	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	HEAD 3 RED ARW PH 5	HEAD 3 YLW ARW PH 5	HEAD 3 GRN ARW PH 5	SPARE	HEAD 3 FLSH YLW ARW PH 2	15/C 14 GA	42			42			
5	CNTRL TO POLE C	APS BUTTON PH 8	SIGNAL COMMON														2/C SHLD 14 GA	42				42		
6	CNTRL TO POLE D	SPARE	SIGNAL COMMON	HEAD 7,8 RED BALL PH 2	HEAD 7,8 GRN BALL PH 2	HEAD 7,8 YLW BALL PH 2	SPARE	SPARE	SPARE	SPARE	SPARE	HEAD 6 RED ARW PH 5	HEAD 6 YLW ARW PH 5	HEAD 6 GRN ARW PH 5	SPARE	HEAD 6 FLSH YLW ARW PH 2	15/C 14 GA	167			167			
7	CNTRL TO POLE E	SPARE	SIGNAL COMMON	HEAD 10 HAND PH 8	HEAD 10 PERSON PH 8	SPARE											5/C 14 GA	151	151					
8	CNTRL TO POLE E	APS BUTTON PH 8	SIGNAL COMMON														2/C SHLD 14 GA	151				151		
9	CNTRL TO POLE F	SPARE	SIGNAL COMMON	HEAD 9 RED BALL PH 4	HEAD 9* GRN BALL PH 4	HEAD 9 YLW BALL PH 4	SPARE	SPARE	SPARE	HEAD 11 HAND PH 2	HEAD 11 PERSON PH 2	SPARE	SPARE	SPARE	SPARE	SPARE	15/C 14 GA	148			148			
10	CNTRL TO POLE F	APS BUTTON PH 2	SIGNAL COMMON														2/C SHLD 14 GA	148				148		
11	CNTRL TO POLE G	SPARE	SIGNAL COMMON	HD 12,13 RED BALL PH 4	HD 12*,13 GRN BALL PH 4	HD 12,13 YLW BALL PH 4	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	12/C 14 GA	240		240				
12	CNTRL TO POLE H	SPARE	SIGNAL COMMON	HEAD 15 HAND PH 2	HEAD 15 PERSON PH 2	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	HEAD 14 RED ARW PH 1	HEAD 14 YLW ARW PH 1	HEAD 14 GRN ARW PH 1	SPARE	HEAD 14 FLSH YLW ARW PH 6	15/C 14 GA	241			241			
13	CNTRL TO POLE H	APS BUTTON PH 2	SIGNAL COMMON														2/C SHLD 14 GA	241				241		
14	CNTRL TO POLE I	SPARE	SIGNAL COMMON	HEAD 16 HAND PH 4	HEAD 16 PERSON PH 4	SPARE											5/C 14 GA	261	261					
15	CNTRL TO POLE I	APS BUTTON PH 4	SIGNAL COMMON														2/C SHLD 14 GA	261				261		
16	CNTRL TO POLE J	SPARE	SIGNAL COMMON	HD 18,19 RED BALL PH 6	HD 18,19 GRN BALL PH 6	HD 18,19 YLW BALL PH 6	SPARE	SPARE	SPARE	SPARE	SPARE	HEAD 17 RED ARW PH 1	HEAD 17 YLW ARW PH 1	HEAD 17 GRN ARW PH 1	SPARE	HEAD 17 FLSH YLW ARW PH 6	15/C 14 GA	123			123			
17	CNTRL TO POLE K	SPARE	SIGNAL COMMON	HEAD 21 HAND PH 4	HEAD 21 PERSON PH 4	SPARE											5/C 14 GA	132	132					
18	CNTRL TO POLE K	APS BUTTON PH 4	SIGNAL COMMON														2/C SHLD 14 GA	132				132		
19	CNTRL TO POLE L	SPARE	SIGNAL COMMON	HEAD 20 RED BALL PH 8	HEAD 20* GRN BALL PH 8	HEAD 20 YLW BALL PH 8				HEAD 22 HAND PH 6	HEAD 22 PERSON PH 6						5/C 14 GA	129	129					
20	CNTRL TO POLE L	APS BUTTON PH 6	SIGNAL COMMON														2/C SHLD 14 GA	129				129		
TOTALS THIS TABLE																					697	267	721	1128

*INSTALL JUMPER WIRE BETWEEN GREEN BALL AND GREEN ARROW.

REVISIONS
 REV. NO. DESCRIPTION DATE
 PRELIMINARY PLANS
 NOT FOR CONSTRUCTION

DISTRICT 02 US-69		ATOKA COUNTY		DETAIL:	SMS
				CHECK:	RBH
				ENGINEER:	PDH
				HNTB	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION			
		JOB/PIECE NO. 30410(04)		SHEET NO. T050	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

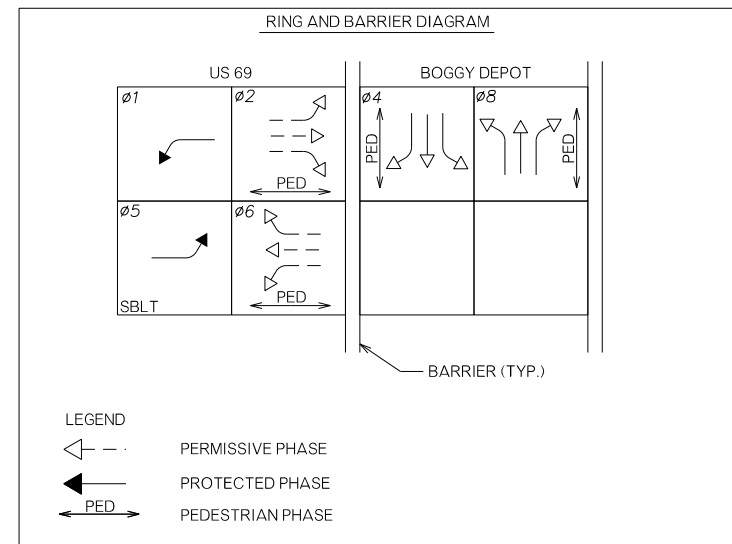
SCHEDULE OF CABLES IN POLES				
ENDPOINT	7/C 14 GA QTY	5/C 14 GA QTY	2/C SHIELD 14 GA QTY	1/C 10 GA QTY
SIGNAL HEAD 1	55			
SIGNAL HEAD 2		40		
SIGNAL HEAD 3	15			
SIGNAL HEAD 4		10		
SIGNAL HEAD 5		10		
SIGNAL HEAD 6	65			
SIGNAL HEAD 7		50		
SIGNAL HEAD 8		40		
SIGNAL HEAD 9	15			
SIGNAL HEAD 10		10		
SIGNAL HEAD 11		10		
SIGNAL HEAD 12	62			
SIGNAL HEAD 13				
SIGNAL HEAD 14	52			
SIGNAL HEAD 15		10		
SIGNAL HEAD 16		10		
SIGNAL HEAD 17	65			
SIGNAL HEAD 18		55		
SIGNAL HEAD 19		40		
SIGNAL HEAD 20		15		
SIGNAL HEAD 21		10		
SIGNAL HEAD 22		10		
POLE B PUSHBUTTON			5	
POLE C PUSHBUTTON			5	
POLE E PUSHBUTTON			5	
POLE F PUSHBUTTON			5	
POLE H PUSHBUTTON			5	
POLE I PUSHBUTTON			5	
POLE K PUSHBUTTON			5	
POLE L PUSHBUTTON			5	
POLE A LUMINAIRE				90
POLE D LUMINAIRE				90
POLE G LUMINAIRE				90
POLE J LUMINAIRE				90
TOTAL THIS TABLE	329	320	40	360

SCHEDULE OF CONDUIT				
RUN NO	RUN LENGTH	CONDUIT REQUIRED	2" TRENCH QTY	3" TRENCH QTY
1	9	2 x 3"		18
2	18	2 x 2"	36	
3	15	2"	15	
4	33	2"	33	
5	24	3"		24
6	127	2", 3"	127	127
7	15	2"	15	
8	31	2 x 2"	62	
9	12	2"	12	
10	14	2 x 2"	28	
11	15	2"	15	
12	35	2"	35	
13	119	2", 3"	119	119
14	16	2 x 2"	32	
15	25	2"	25	
16	22	2"	22	
17	98	2", 3"	98	98
18	27	2"	27	
TOTAL PLAN QUANTITY			701	396

SUMMARY OF CONDUCTORS							
	5/C 14 GA QTY	7/C 14 GA QTY	12/C 14 GA QTY	15/C 14 GA QTY	2/C SHIELD 14 GA QTY	1/C 10 GA QTY	1/C 6 GA QTY
CABLE TERMINATION CHART	697		267	721	1128		
SCHEDULE OF CABLES IN POLES	365	247			40	360	
SCHEDULE OF OTHER CONDUCTORS						2465	48
TOTAL QUANTITY THIS INTERSECTION	1062	247	267	721	1168	2825	48

SCHEDULE OF OTHER CONDUCTORS				
PATH	CABLE TYPE	RUN LENGTH	1/C 6 GA QTY	1/C 10 GA QTY
ELECTRIC SERVICE TO CONTROLLER	1/C 6 GA	24	48	
ELECTRIC SERVICE TO POLE A	1/C 10 GA	45		90
ELECTRIC SERVICE TO POLE D	1/C 10 GA	185		370
ELECTRIC SERVICE TO POLE G	1/C 10 GA	258		516
ELECTRIC SERVICE TO POLE J	1/C 10 GA	141		282
EQUIPMENT GROUNDING CONDUCTOR	1/C 10 GA	*		1207
TOTAL THIS TABLE			48	2465

*INSTALL 1/C 10 GA IN EACH CONDUIT AND BOND PER NEC REQUIREMENTS.



NOTE:
PHASES 4 AND 8 SHALL OPERATE EXCLUSIVE TO EACH OTHER.

CABLE TERMINATION CHART - LOAD SIDE								
ENDPOINT	CABLE TYPE	BLACK	WHITE	RED	GREEN	ORANGE	BLUE	WHITE/BLACK
S-6	5/C	SPARE	NEUT.	RED	GREEN	YELLOW		
S-16L	7/C	SPARE	NEUT.	RED	GREEN*	YELLOW	SPARE	SPARE
S-13L	7/C	SPARE	NEUT.	RED ARROW	GRN. ARROW	STDY. YLW. ARW	SPARE	FLSH. YLW. ARROW
S-20	5/C	SPARE	NEUT.	SPARE	PERSON	HAND		
APS BUTTON	2/C SH	BUTTON	NEUT.					

*INSTALL JUMPER WIRE BETWEEN GREEN BALL AND GREEN ARROW.

Signal and Timing Parameters						
Phase	1	2	4	5	6	8
Minimum Green	5	10	5	5	10	5
Vehicle Extension	3	3	2	3	3	2
Maximum Green 1	30	50	30	30	50	30
Walk	0	7	7	0	7	7
Ped Clearance	0	25	26	0	25	26
Yellow Change	4.3	4.3	3.2	4.3	4.3	3.2
Red Clearance	1	1	2	1	1	2
Red Revert	No	No	No	No	No	No
Recall Mode	None	Min	None	None	Min	None
Dual Entry	No	Yes	Yes	No	Yes	Yes

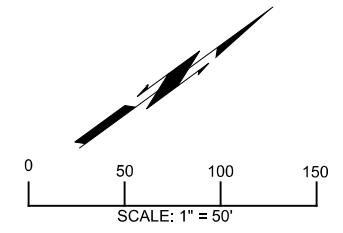
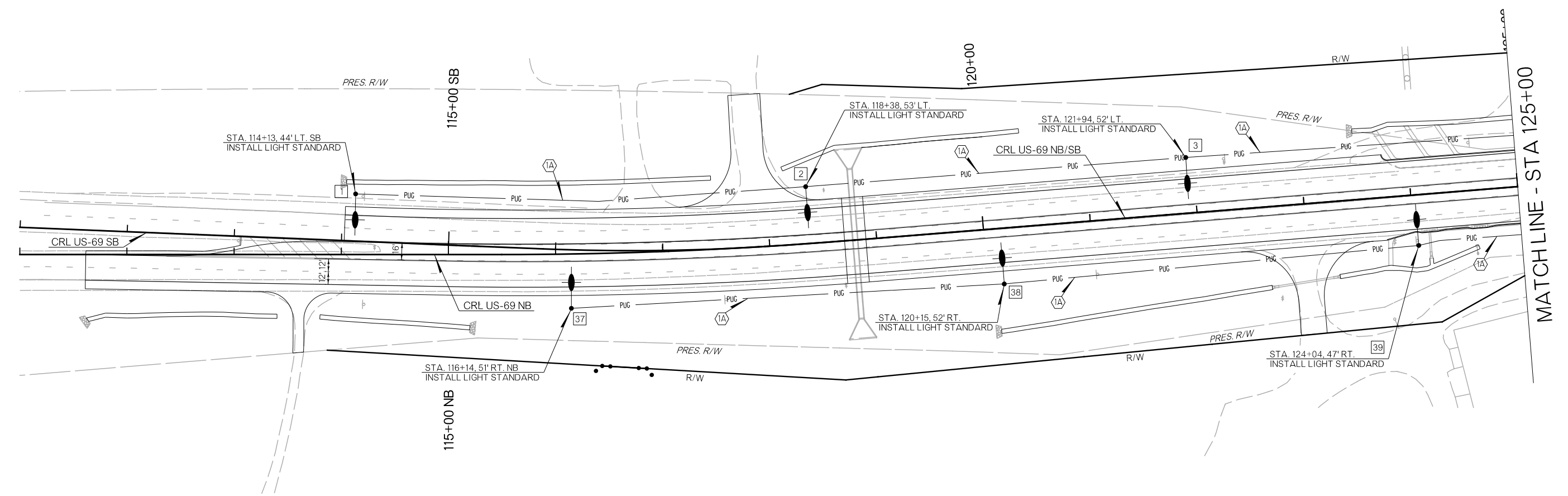
DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
BOGGY DEPOT RD. SIGNAL WIRING & DETAILS (SHEET 2 OF 2)		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

LEGEND	
1	LIGHTPOLE ID NUMBER
— PUG —	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
PB	PULL BOX
	SERVICE POLE
2A	CIRCUIT DESIGNATION ("2" IS THE SERVICE NO. & "A" IS THE CIRCUIT). 2-#4 XHHW, 1-#4 GND. PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

LIGHTING CALCULATION SUMMARY							
CALCULATION AREA	CALC TYPE	UNITS	AVG.	MAX.	MIN.	AVG./MIN.	MAX. LV RATIO
BOGGY DEPOT INTERSECTION	ILLUMINANCE	FC	2.29	3.0	0.9	2.54/1.0	N.A.
NB SOUTH OF BOGGY DEPOT	LUMINANCE	CD/SQ. M.	0.64	1.8	0.3	2.13/1.0	0.32
SB SOUTH OF BOGGY DEPOT	LUMINANCE	CD/SQ. M.	0.60	1.7	0.3	2.00/1.0	0.51
NB NORTH OF BOGGY DEPOT	LUMINANCE	CD/SQ. M.	0.58	1.7	0.2	2.90/1.0	0.34
SB NORTH OF BOGGY DEPOT	LUMINANCE	CD/SQ. M.	0.60	1.8	0.3	2.00/1.0	0.27

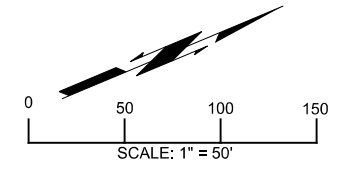
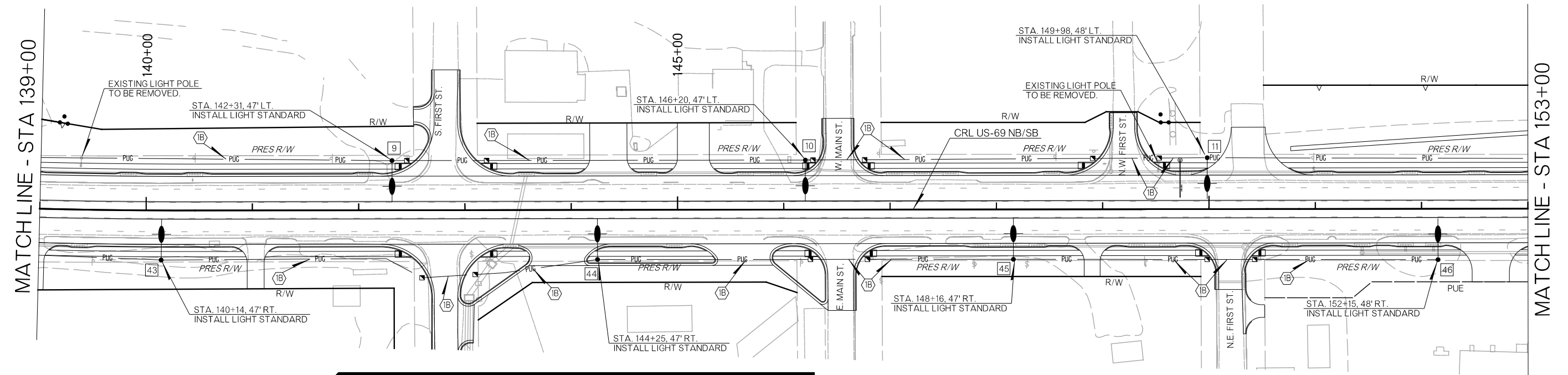
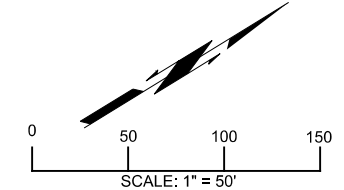
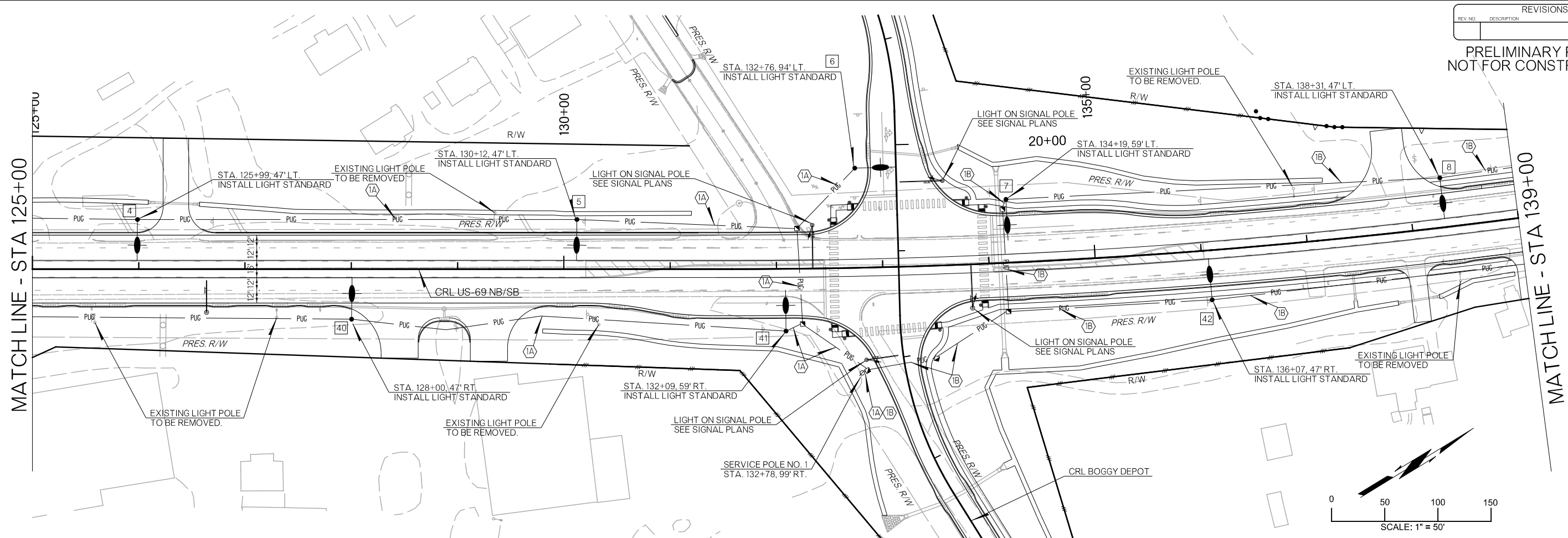


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
LIGHTING PLAN (SHEET 1 OF 6)		CHECK:	RBH
		ENGINEER:	PDH
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION		
JOB/PIECE NO. 30410(04)		SHEET NO. T052	

26-JUN-2024 p:\pw-int\hntb.org\pwc\central\div\documents\oklahoma projects\77746 US 69 through Tushka\Production\Electrical\30410(04)-Lighting

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



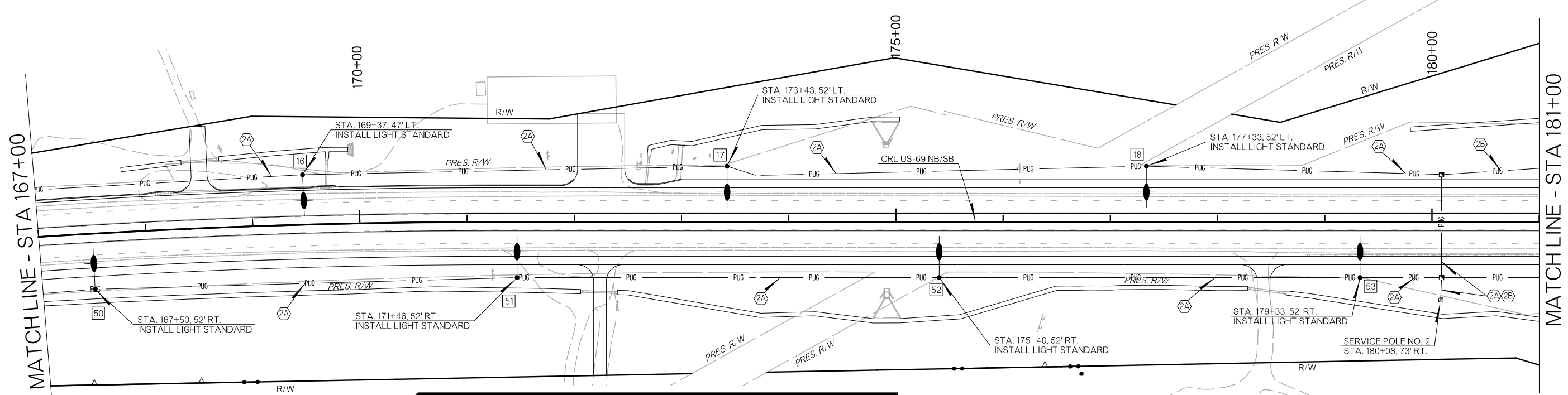
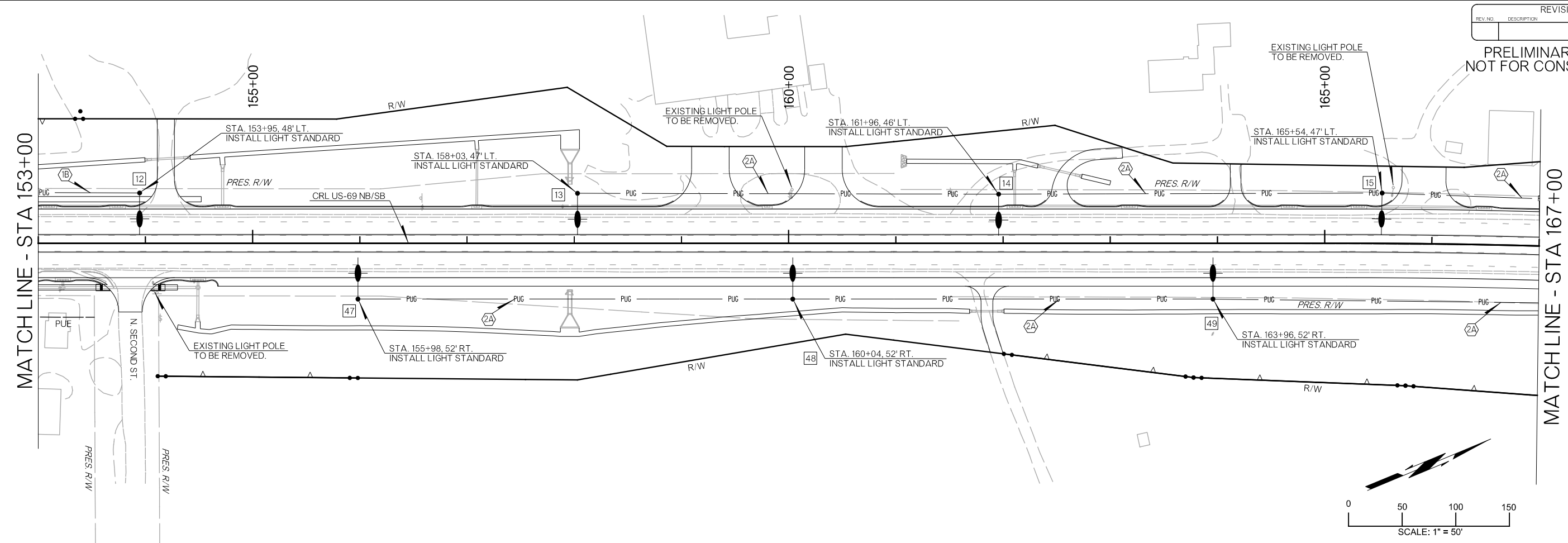
LEGEND	
[1]	LIGHTPOLE ID NUMBER
—	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
⊙	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
□	PULL BOX
○	SERVICE POLE
⊕	CIRCUIT DESIGNATION (*2" IS THE SERVICE NO. & *A" IS THE CIRCUIT). 2-#4 XH-HW, 1-#4 GND. PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
LIGHTING PLAN (SHEET 2 OF 6)		CHECK:	RBH
		ENGINEER:	PDH
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T053

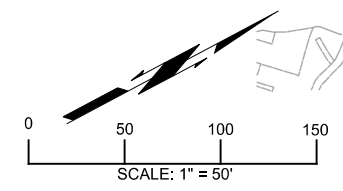
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REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
	LIGHTPOLE ID NUMBER
	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
	PULL BOX
	SERVICE POLE
	CIRCUIT DESIGNATION ("2" IS THE SERVICE NO. & "A" IS THE CIRCUIT), 2-#4 XHHW, 1-#4 GND, PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

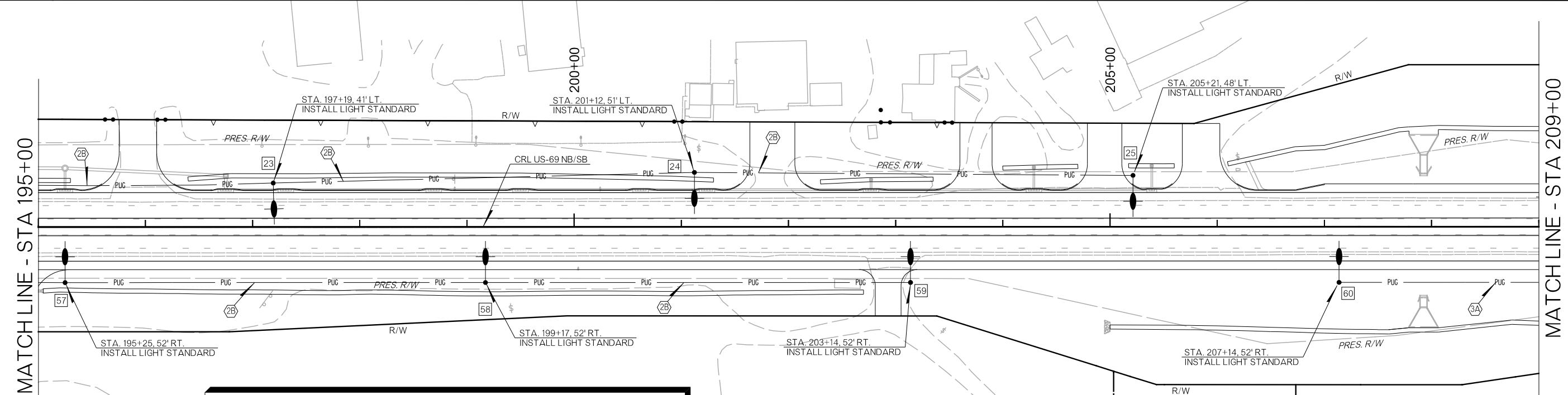
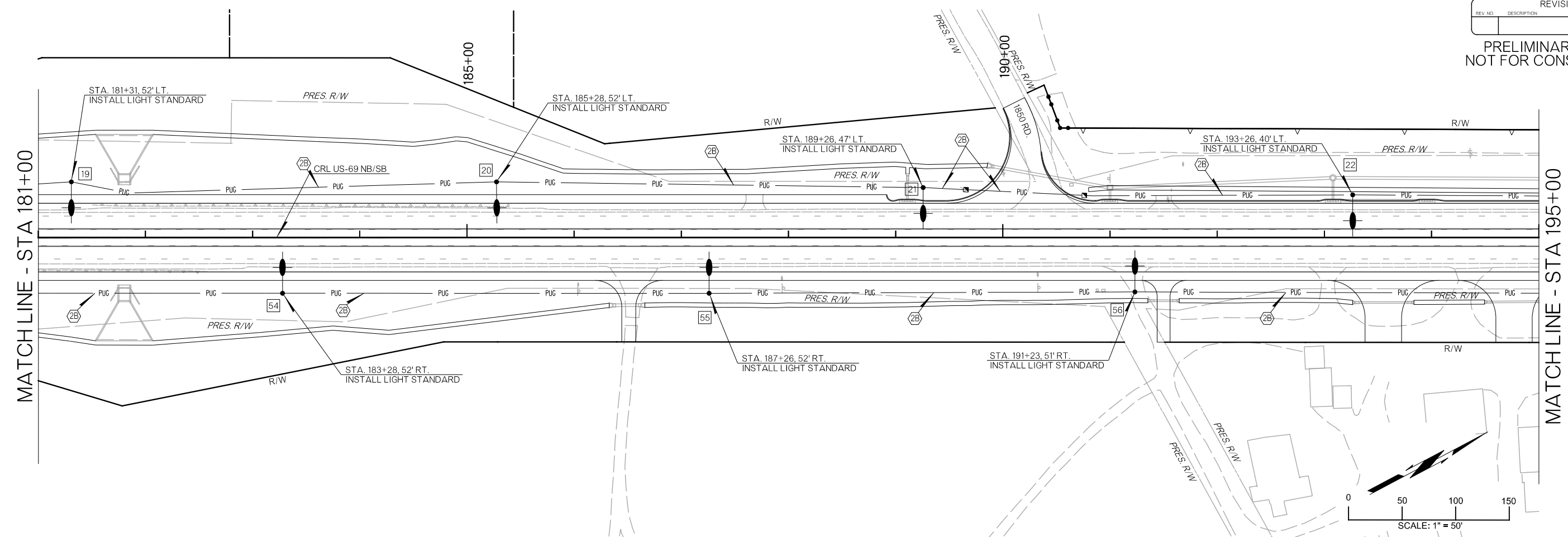


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
LIGHTING PLAN (SHEET 3 OF 6)		CHECK:	RBH
		ENGINEER:	PDH
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	
JOB/PIECE NO. 30410(04)		SHEET NO. T054	

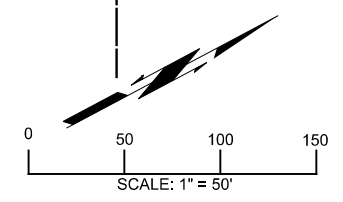
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
[1]	LIGHTPOLE ID NUMBER
— PUC —	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
⊕	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
▣	PULL BOX
⊘	SERVICE POLE
⊘ 2A	CIRCUIT DESIGNATION ("2" IS THE SERVICE NO. & "A" IS THE CIRCUIT), 2-#4 XHHW, 1-#4 GND. PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

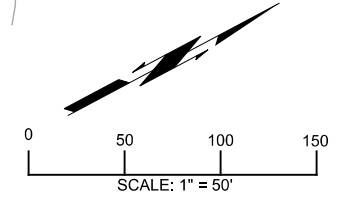
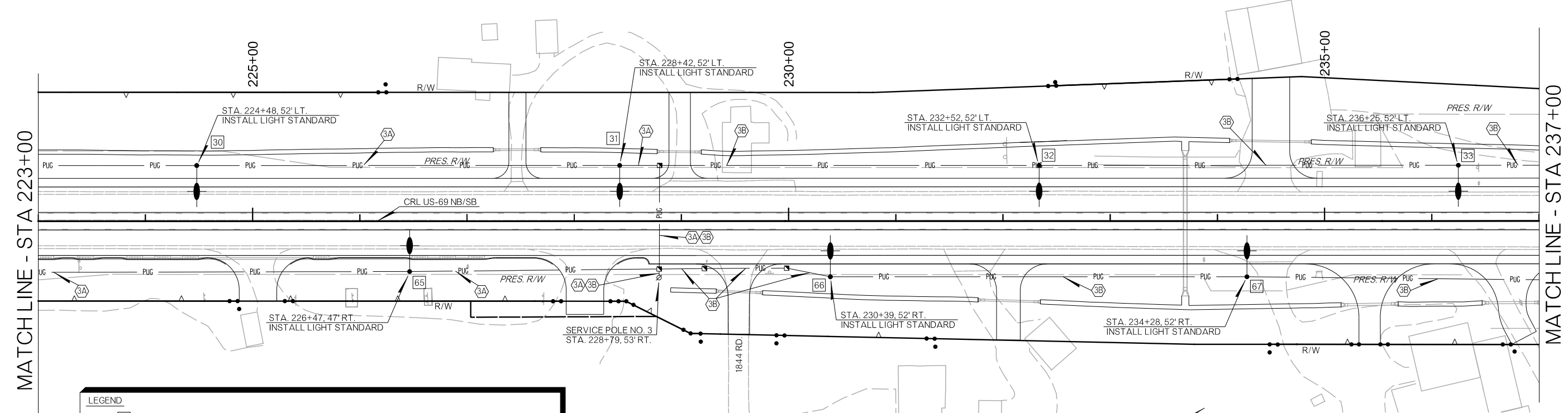
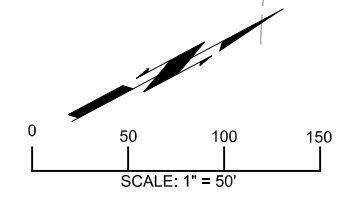
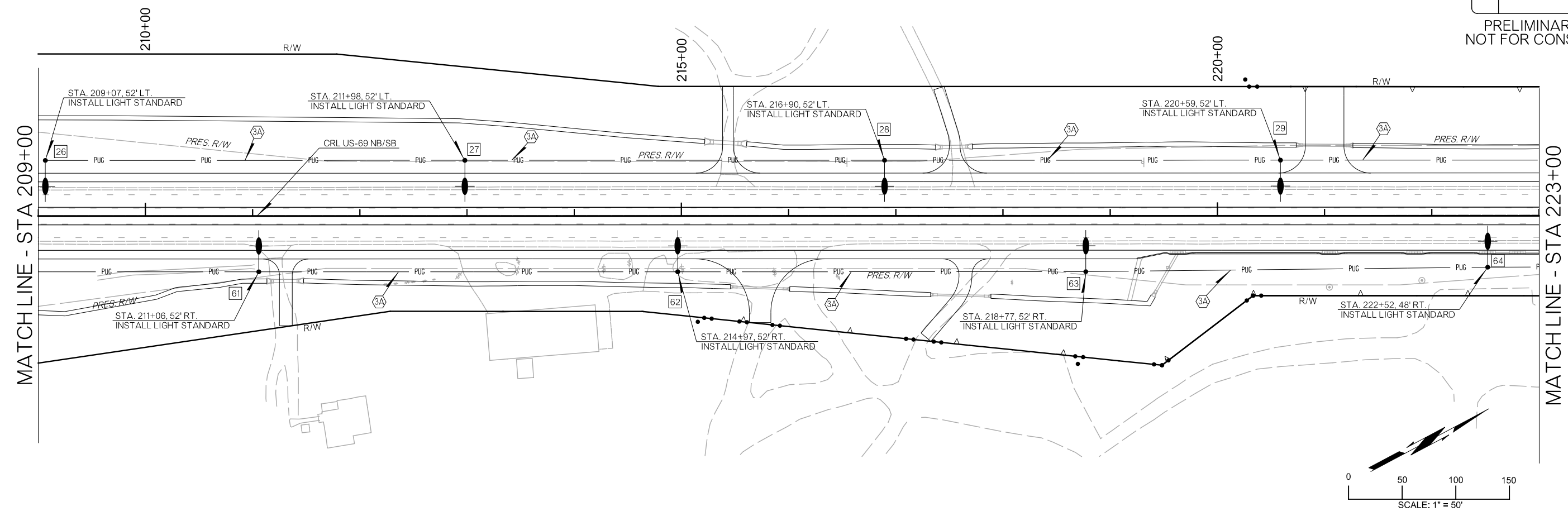


DISTRICT 02 US-69		ATOKA COUNTY		DETAIL:	SMS
LIGHTING PLAN (SHEET 4 OF 6)				CHECK:	RBH
				ENGINEER:	PDH
HNTB					
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 30410(04)	
				SHEET NO. T055	

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REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



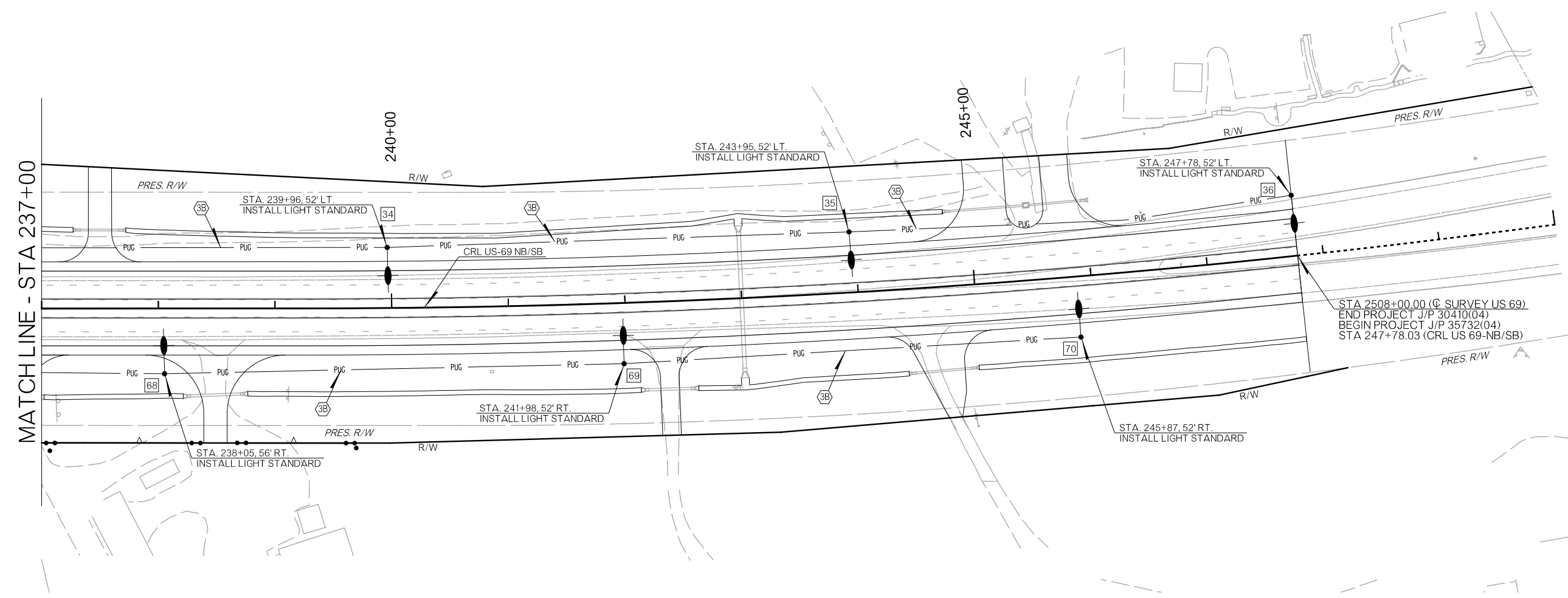
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	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
	PULL BOX
	SERVICE POLE
	CIRCUIT DESIGNATION ("2" IS THE SERVICE NO. & "A" IS THE CIRCUIT). 2-#4 XHHW, 1-#4 GND. PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
LIGHTING PLAN (SHEET 5 OF 6)		CHECK:	RBH
		ENGINEER:	PDH
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04)	SHEET NO. T056

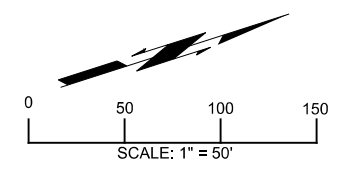
26-JUN-2024 pw://pw-int.hntb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)-Lighting

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



LEGEND	
1	LIGHTPOLE ID NUMBER
---	LIGHTING POWER UNDERGROUND CONDUIT, 2" PVC CONDUIT UNLESS OTHERWISE NOTED ON WIRING DIAGRAMS.
⊕	PROPOSED LIGHT STANDARD, SEE LIGHT POLE SCHEDULE
▣	PULL BOX
⊙	SERVICE POLE
ⓐ	CIRCUIT DESIGNATION ("2" IS THE SERVICE NO. & "A" IS THE CIRCUIT), 2-#4 XH-HW, 1-#4 GND. PER CIRCUIT. SEE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

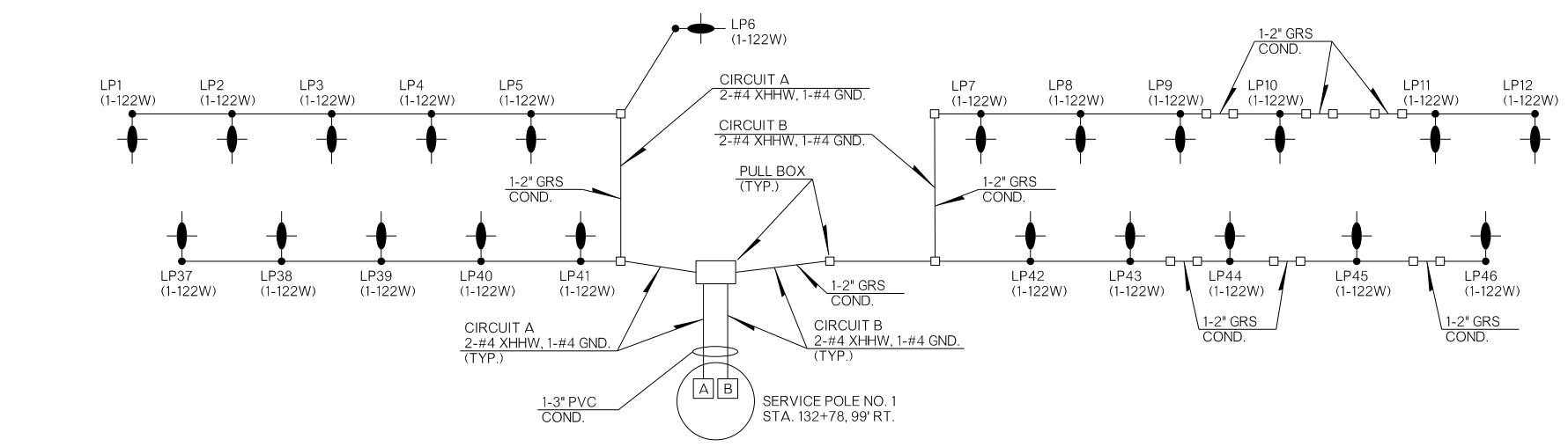


DISTRICT 02 US-69	ATOKA COUNTY	DETAIL:	SMS
LIGHTING PLAN (SHEET 6 OF 6)		CHECK:	RBH
		ENGINEER:	PDH
HNTB			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	JOB/PIECE NO. 30410(04) SHEET NO. T057	

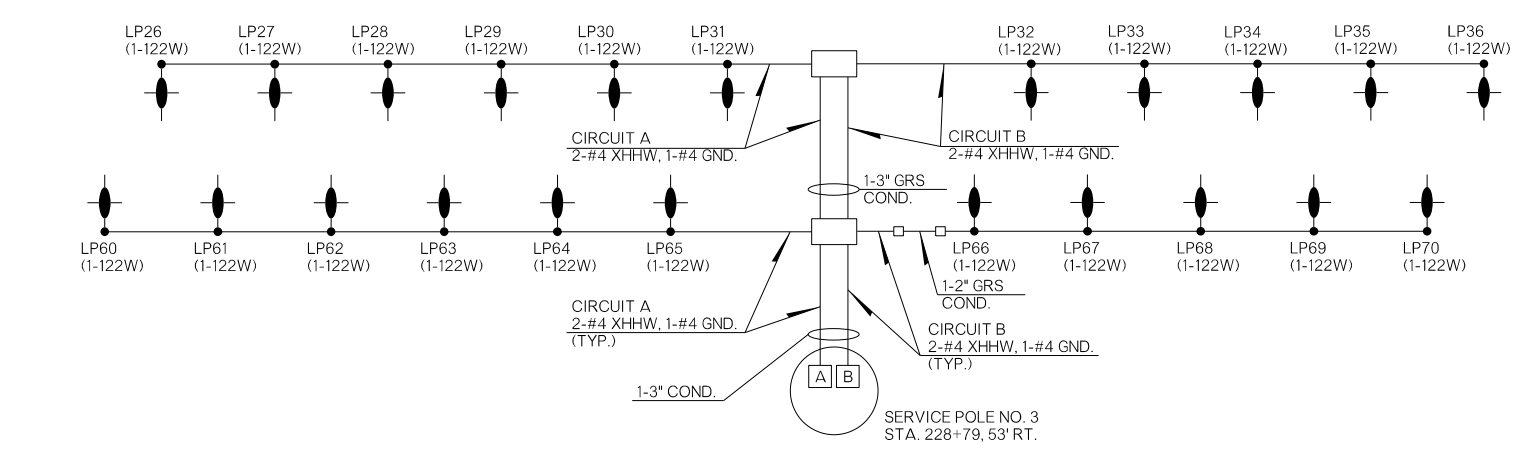
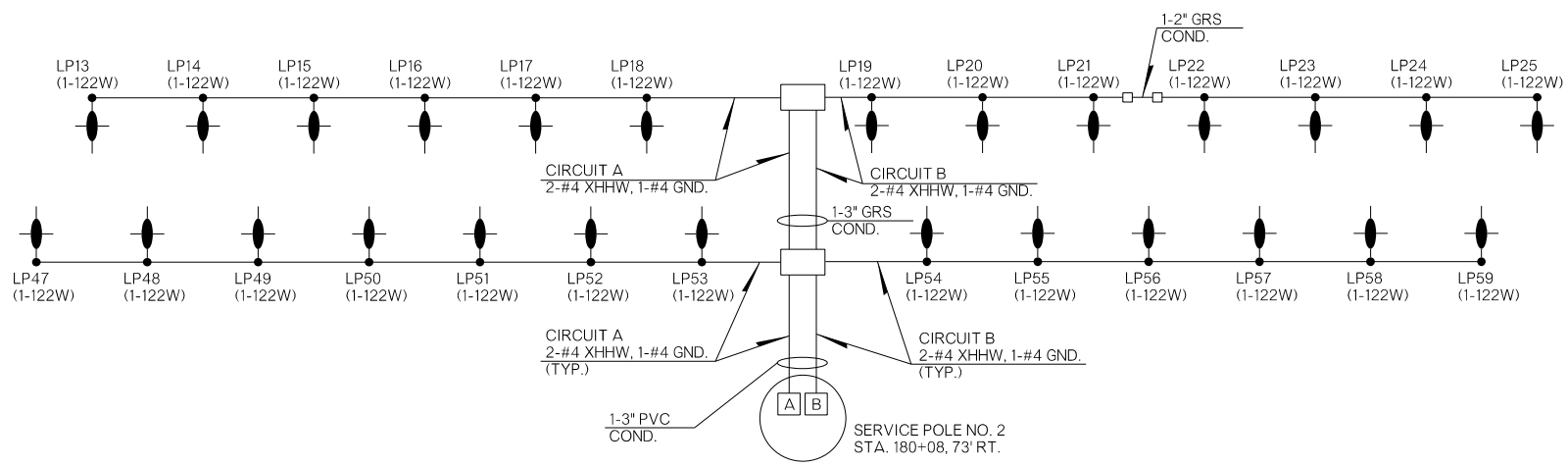
26-JUN-2024 pw://pw-int.hntb.org/PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Electrical/30410(04)-Lighting

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PRELIMINARY PLANS
NOT FOR CONSTRUCTION



- NOTES:
1. ALL CIRCUIT CONDUCTORS SHALL BE #4 XHHW.
 2. ALL CONDUITS UNDER STREETS SHALL BE GALV. STEEL. ALL OTHER CONDUITS SHALL BE 2" PVC UNLESS OTHERWISE NOTED.
 3. REFER TO LIGHTING PLANS FOR EQUIPMENT LOCATIONS.



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DISTRICT 02 US-69	ATOKA COUNTY	DETAIL: SMS
LIGHTING WIRING DIAGRAM (SHEET 1 OF 1)		CHECK: RBH
		ENGINEER: PDH
HNTB		
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	SHEET NO. T058
JOB/PIECE NO. 30410(04)		

PRE-CONSTRUCTION

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OKLAHOMA DEPARTMENT OF TRANSPORTATION

FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

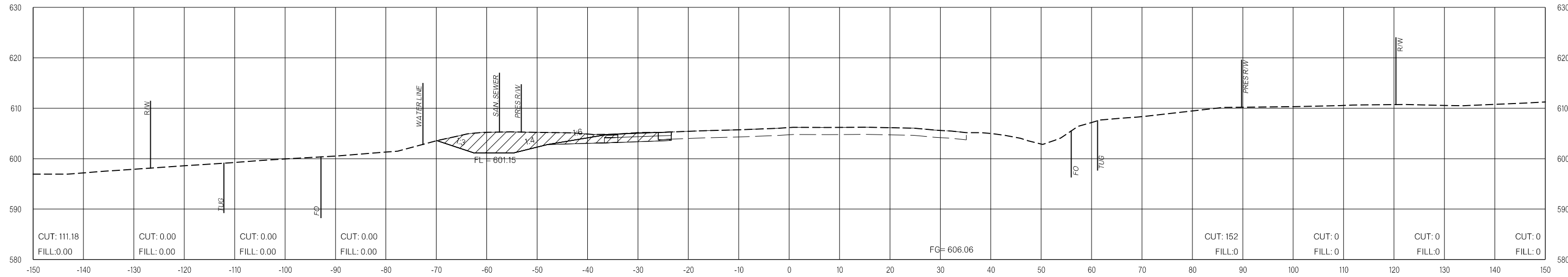
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PRE-CONSTRUCTION

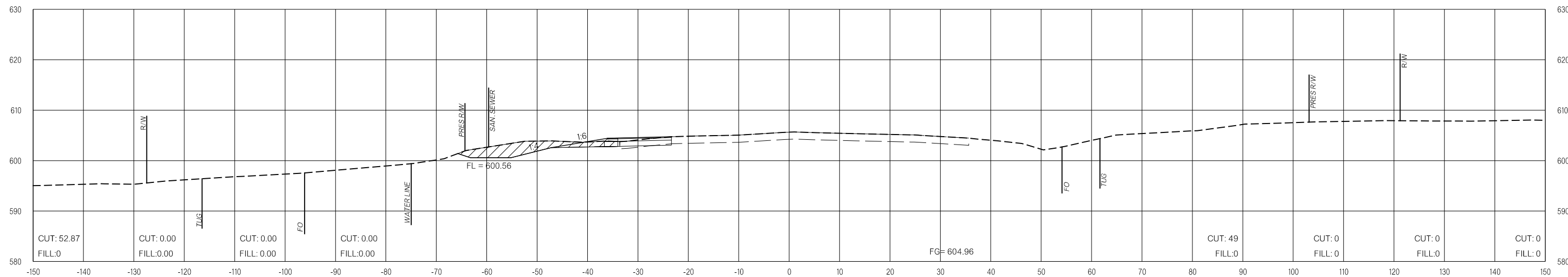
PHASE 1

PHASE 2

PHASE 3



124+00.00



123+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn

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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

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PHASE 2

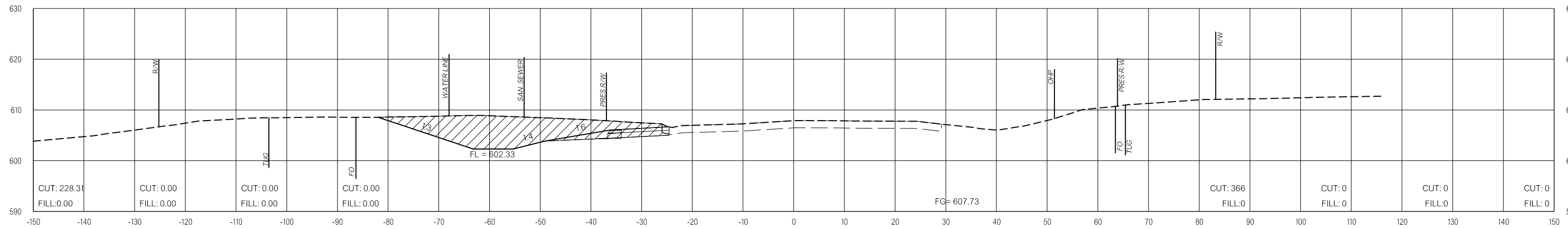
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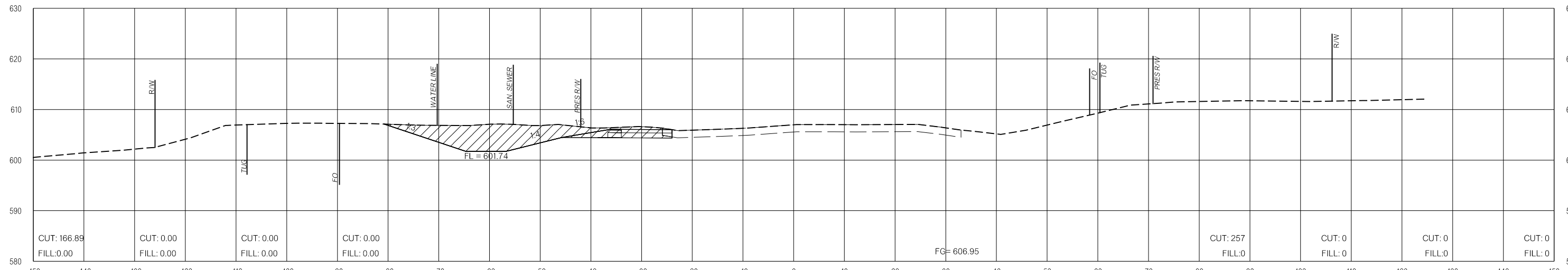
PHASE 1

PHASE 2

PHASE 3



125+00.00



124+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

PRE-CONSTRUCTION

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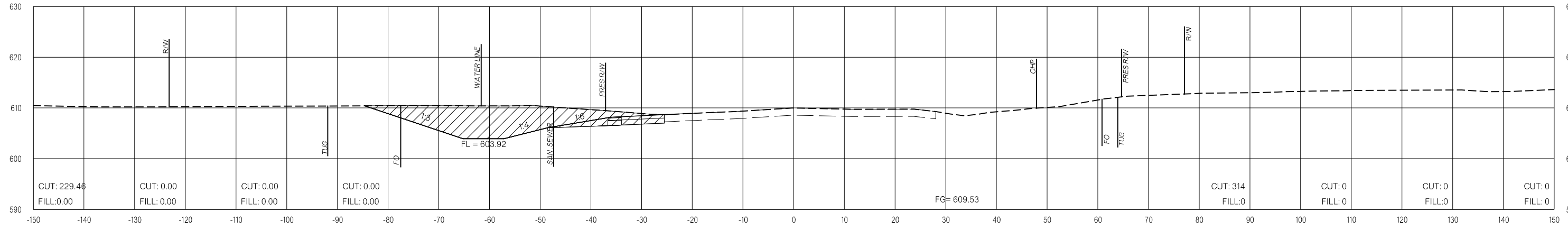
OKLAHOMA DEPARTMENT OF TRANSPORTATION

FINAL FIELD MEETING
26-JUN-2024

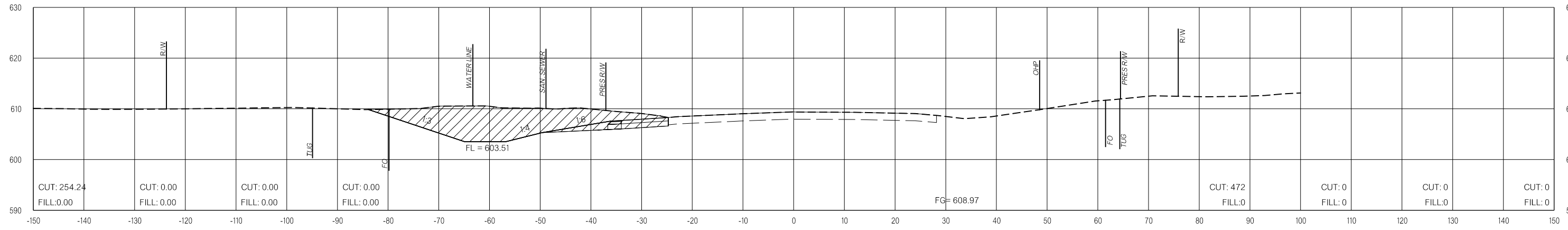
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VOLUMES (CY)

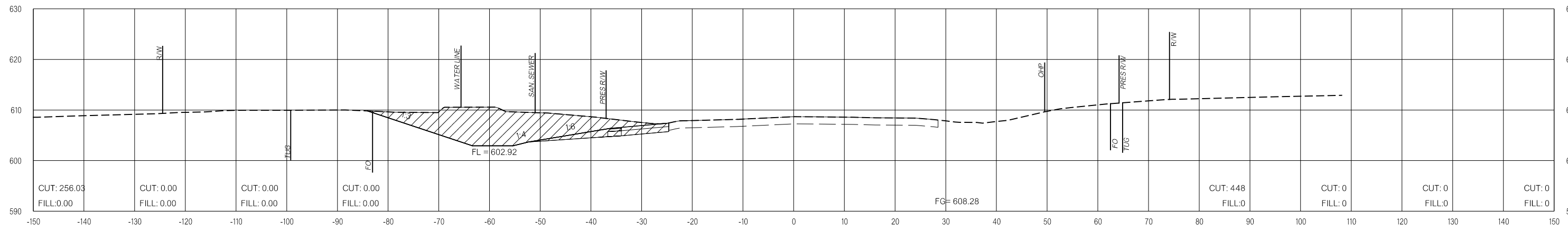
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126+35.00



126+00.00



125+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

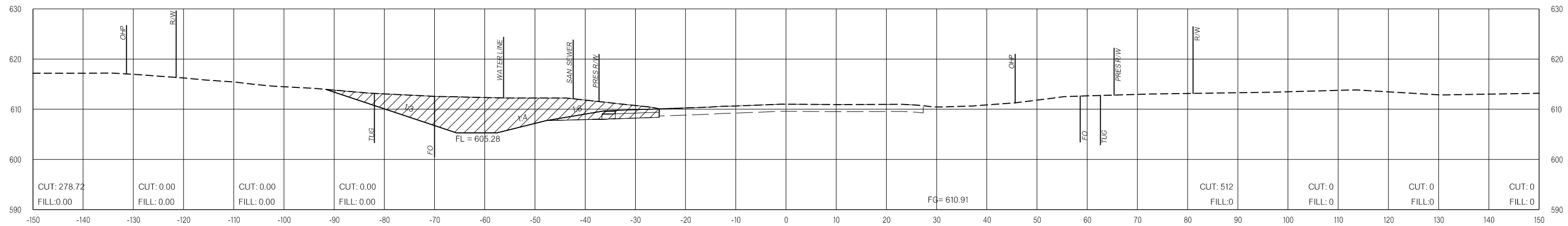
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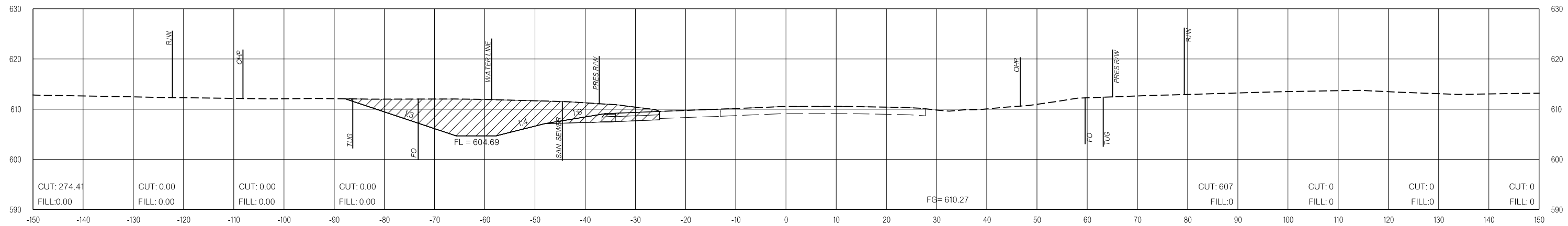
PHASE 1

PHASE 2

PHASE 3



127+50.00



127+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

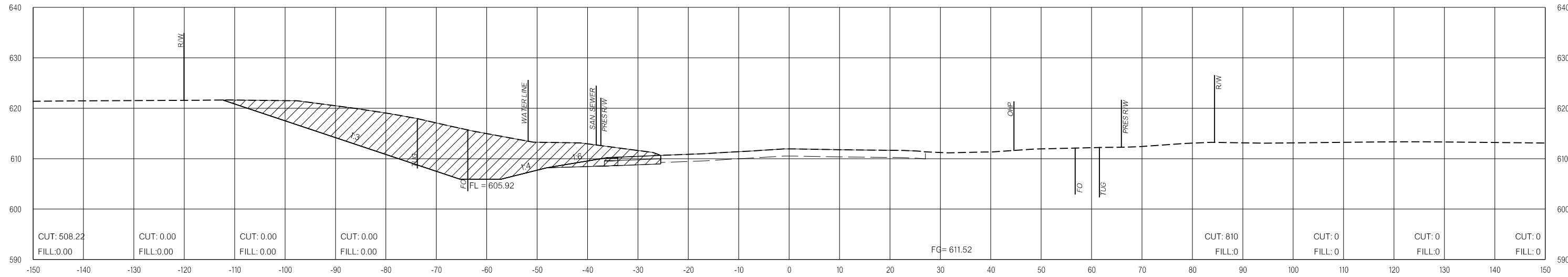
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PRE-CONSTRUCTION

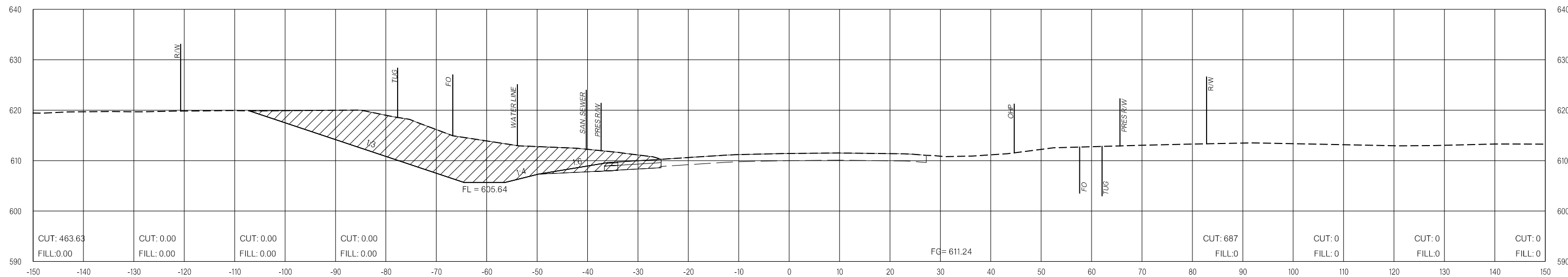
PHASE 1

PHASE 2

PHASE 3



128+45.50



128+00.00

LEGEND			
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	PHASE 2		PHASE 3

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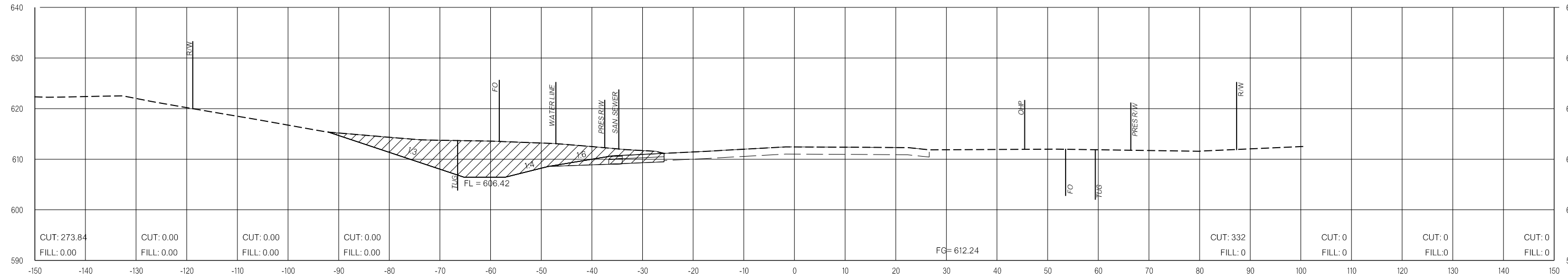
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FINAL FIELD MEETING
 26-JUN-2024

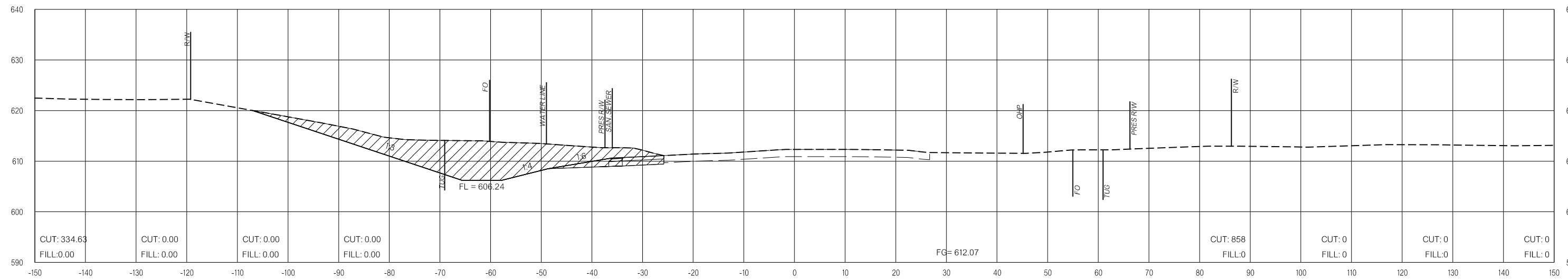
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



129+29.50



129+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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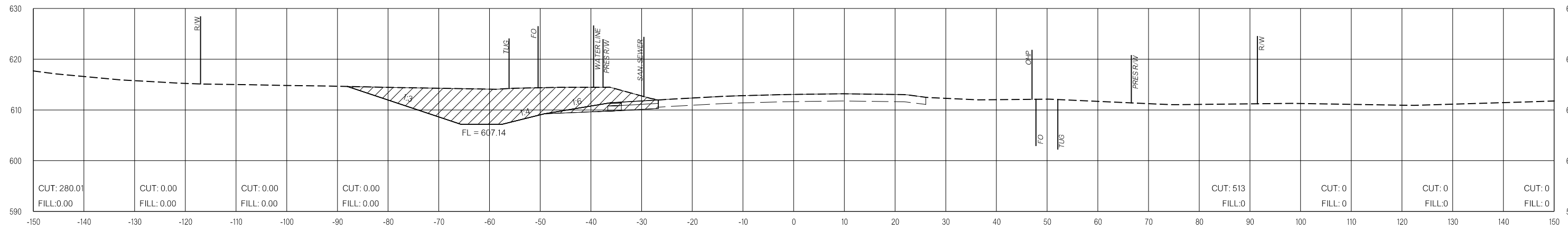
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FINAL FIELD MEETING
 26-JUN-2024

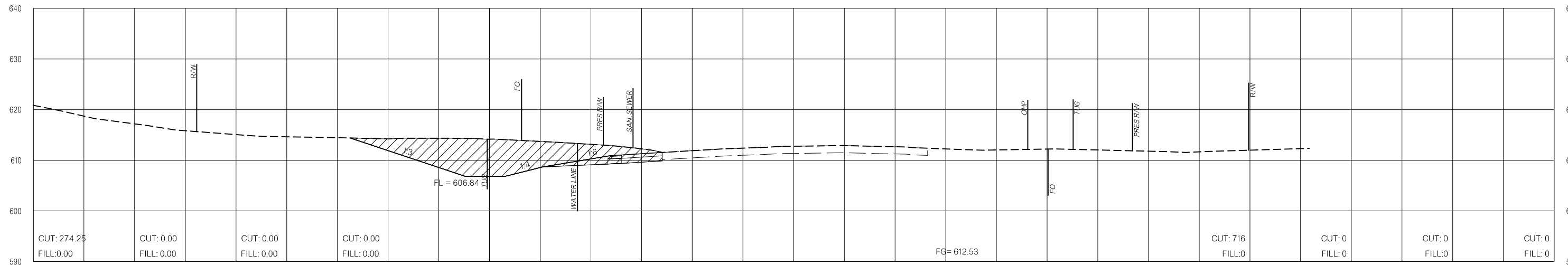
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



130+50.00



130+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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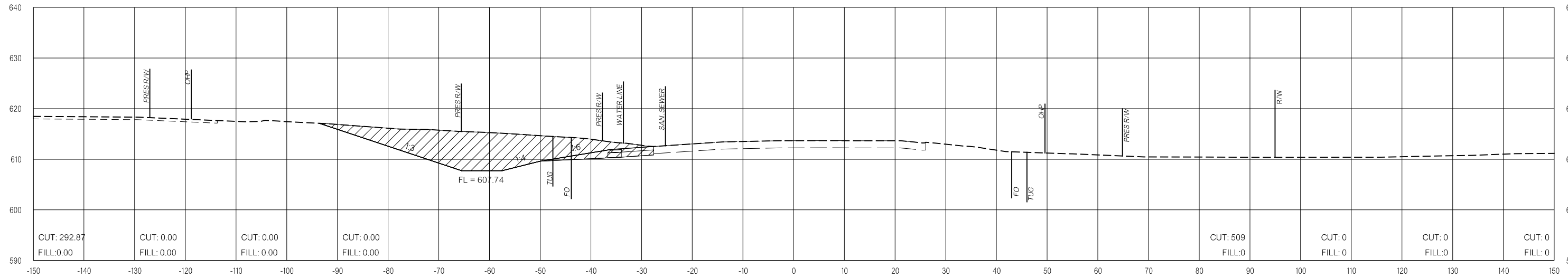
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FINAL FIELD MEETING
 26-JUN-2024

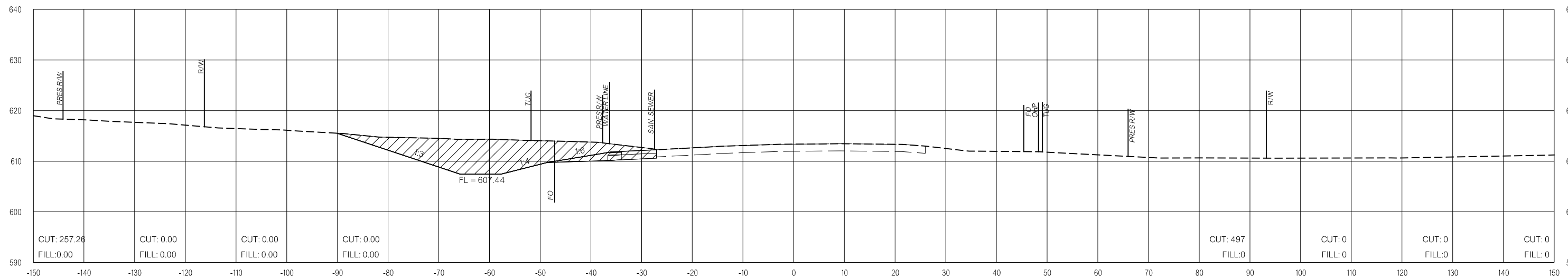
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



131+50.00



131+00.00

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	PHASE 2		PHASE 3

PRE-CONSTRUCTION

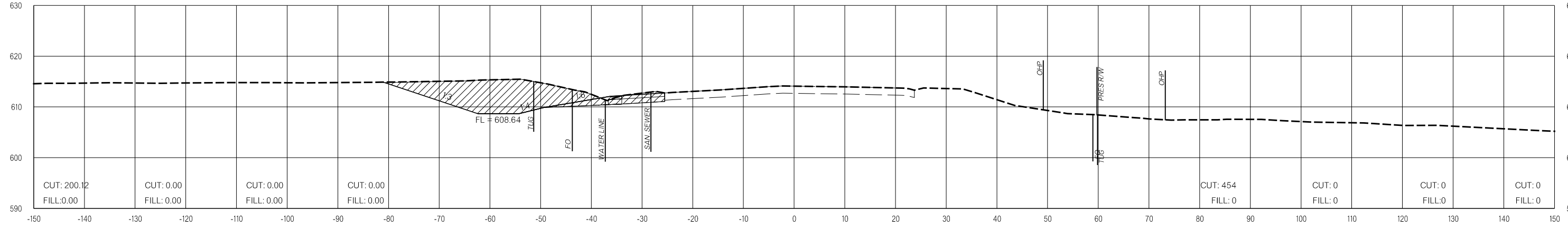
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FINAL FIELD MEETING
 26-JUN-2024

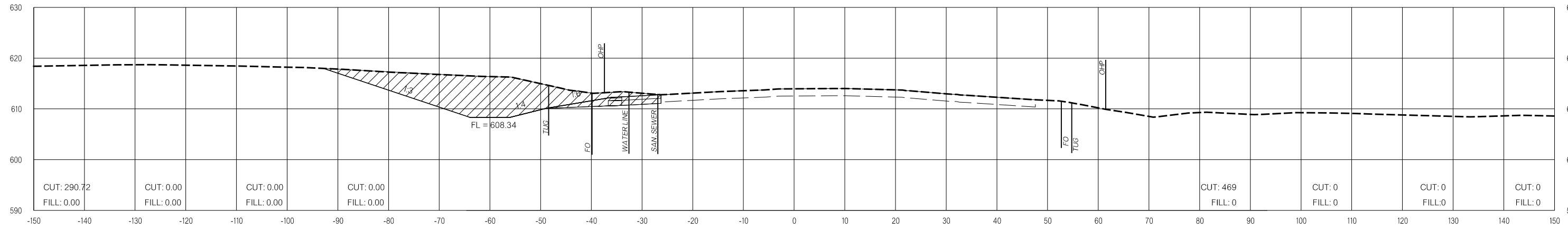
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VOLUMES (CY)

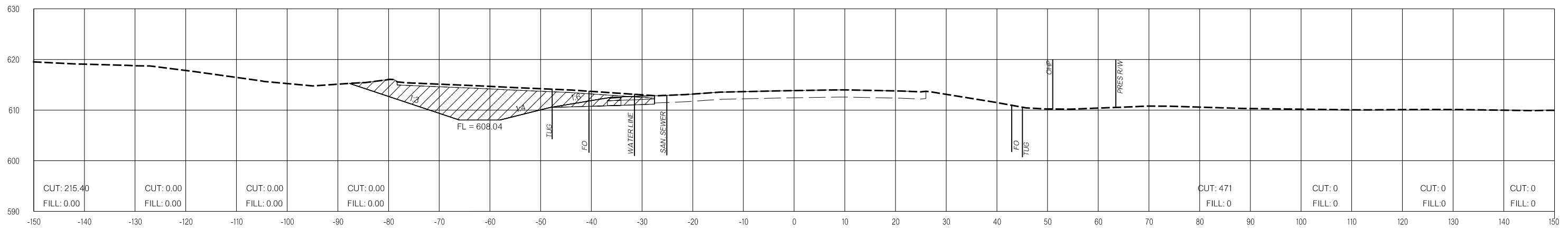
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133+00.00



132+50.00



132+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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PRE-CONSTRUCTION

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

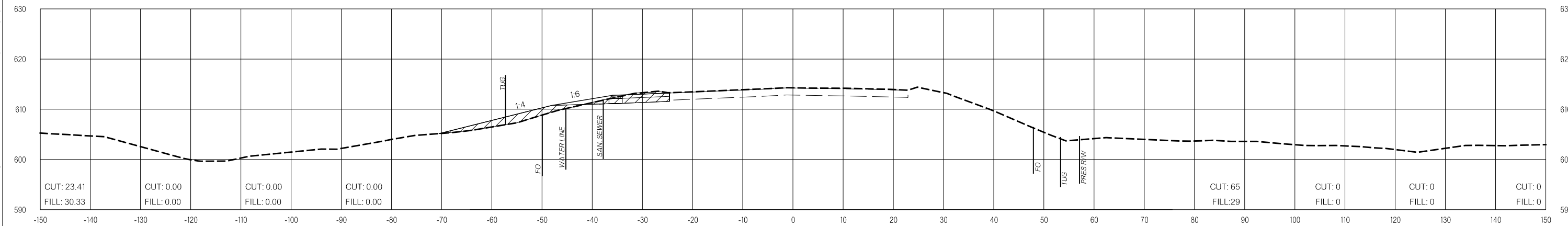
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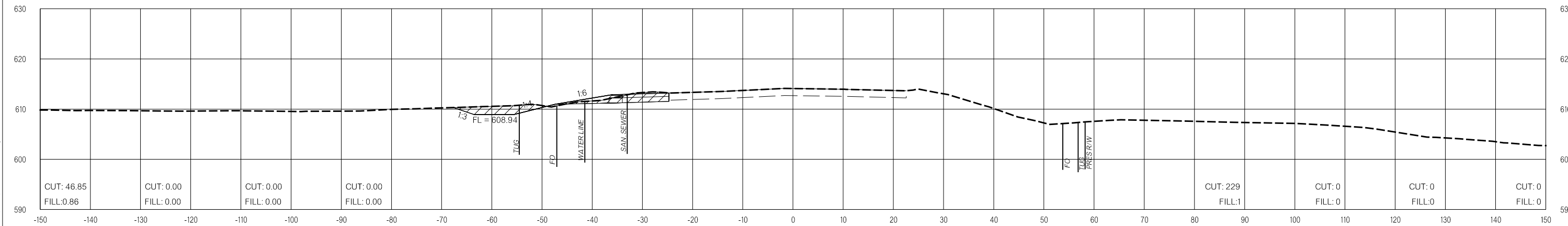
PHASE 1

PHASE 2

PHASE 3



134+10.00



133+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn

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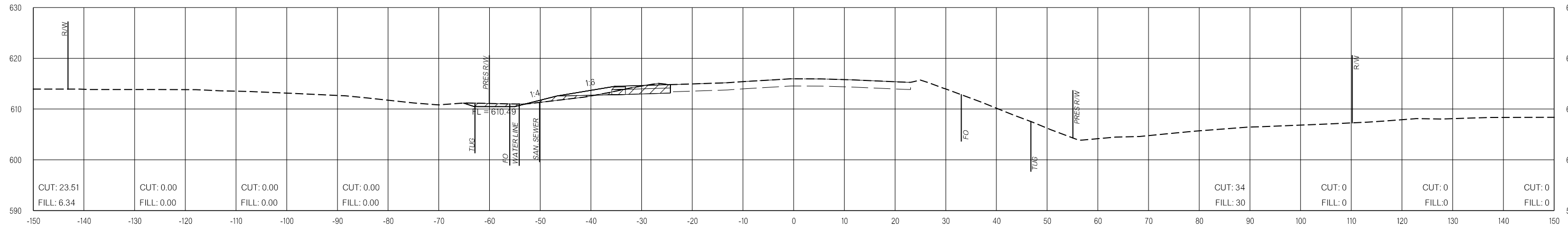
OKLAHOMA DEPARTMENT OF TRANSPORTATION

FINAL FIELD MEETING
26-JUN-2024

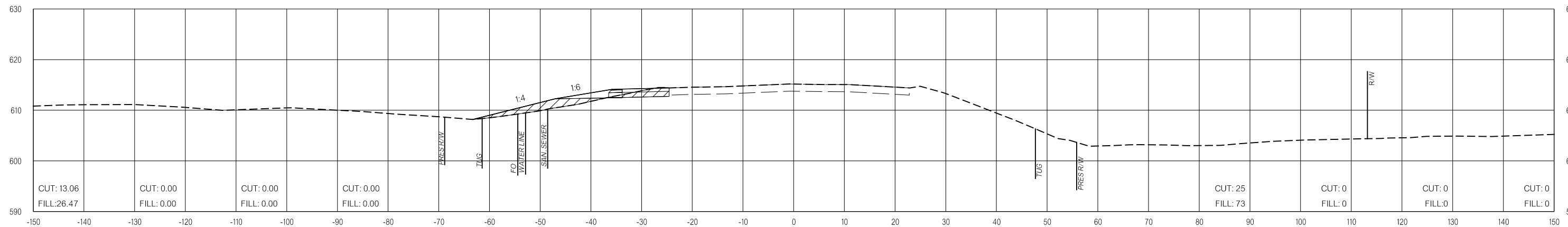
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VOLUMES (CY)

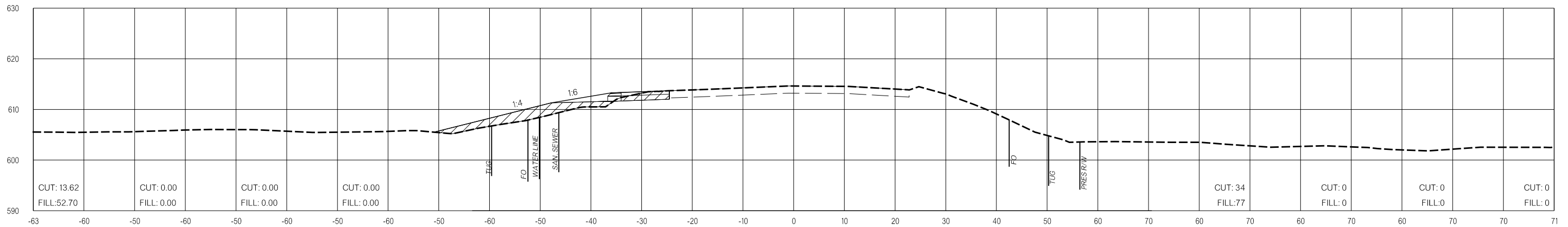
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135+50.00



135+00.00



134+50.00



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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

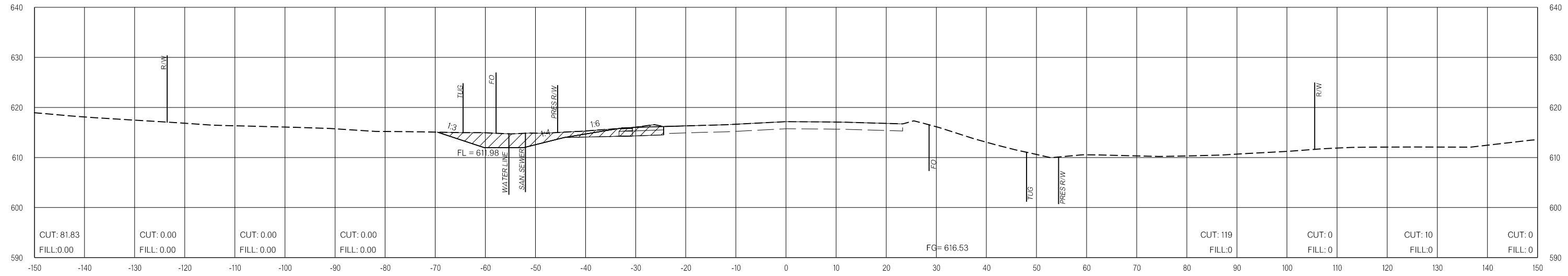
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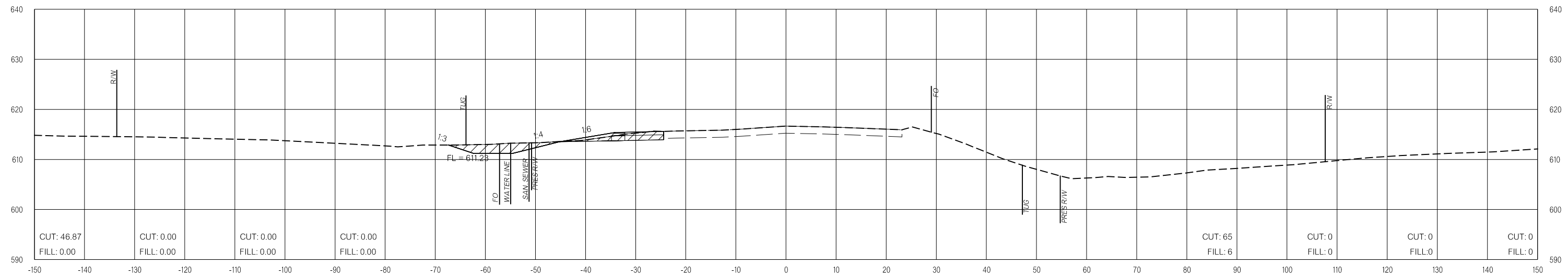
PHASE 1

PHASE 2

PHASE 3



136+50.00



136+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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OKLAHOMA DEPARTMENT OF TRANSPORTATION

FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

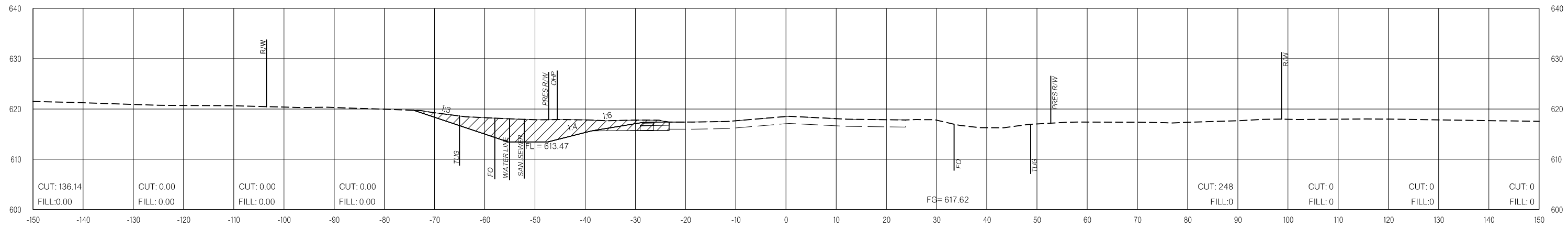
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PRE-CONSTRUCTION

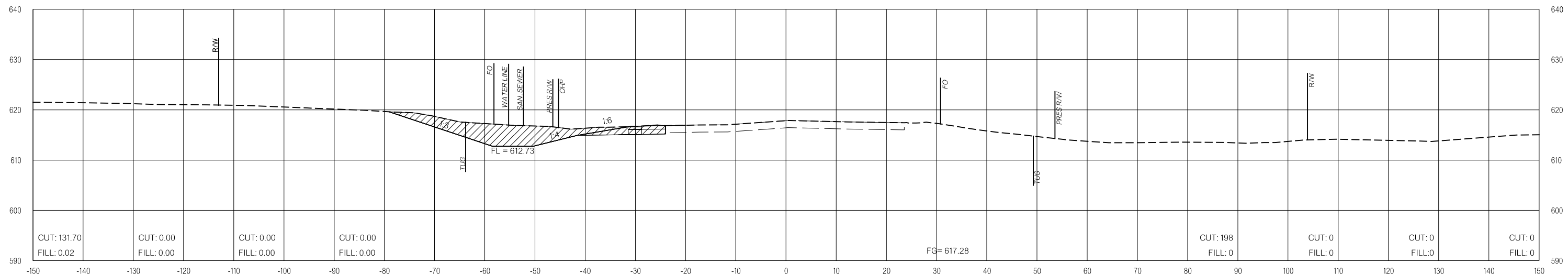
PHASE 1

PHASE 2

PHASE 3



137+50.00



137+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

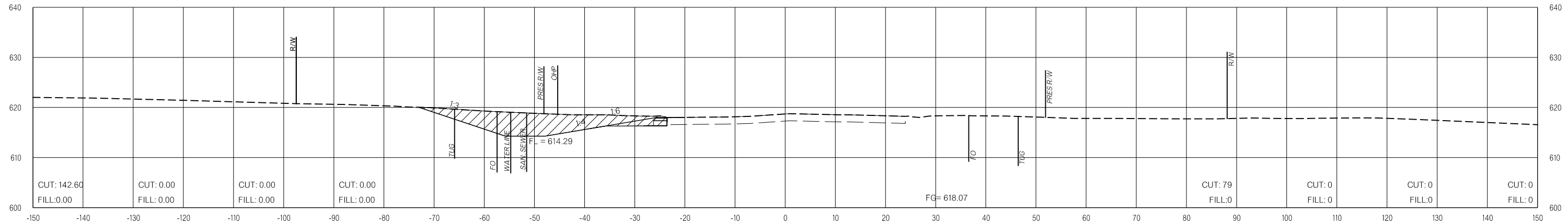
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PRE-CONSTRUCTION

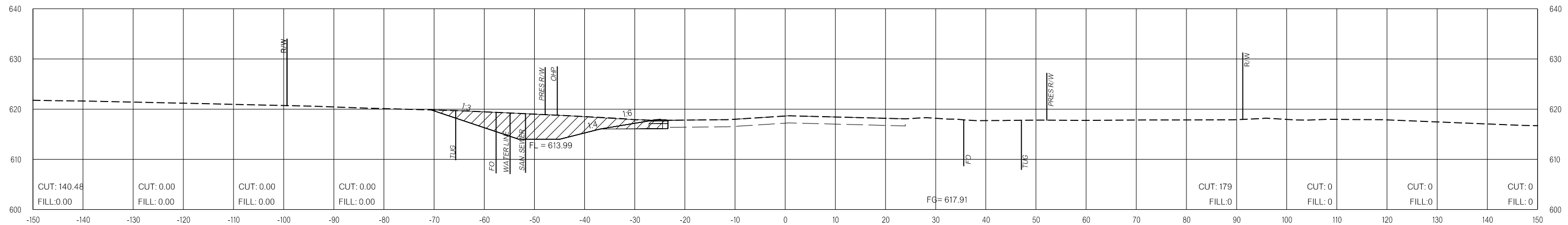
PHASE 1

PHASE 2

PHASE 3



138+00.00



137+85.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

NOTE: CROSS SECTIONS ARE CUT OFF CRL US 69 NB

US-69

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

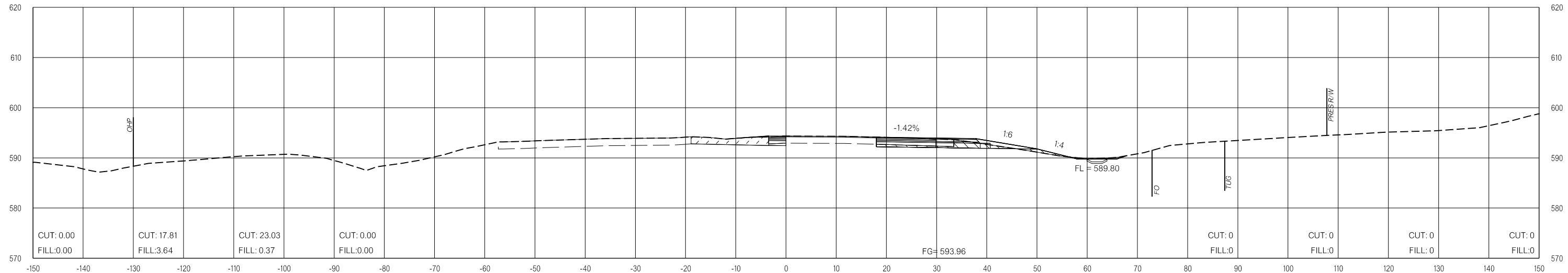
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PRE-CONSTRUCTION

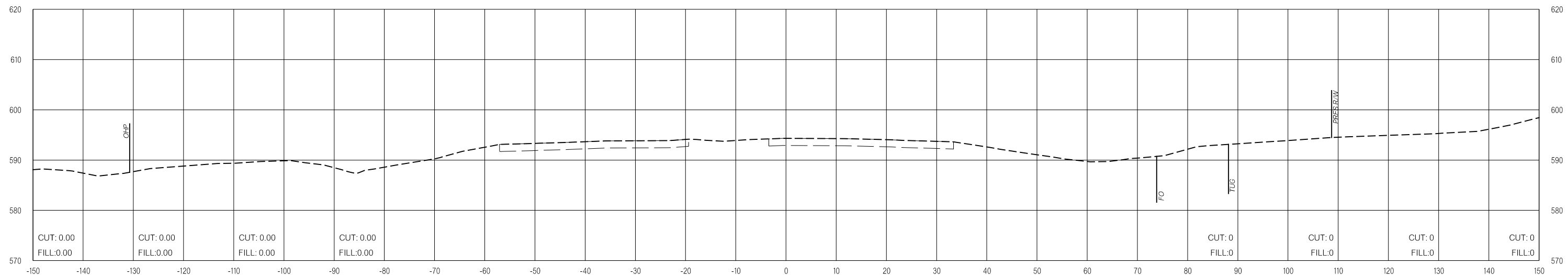
PHASE 1

PHASE 2

PHASE 3



BEGIN CONSTRUCTION
111+61.64



111+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

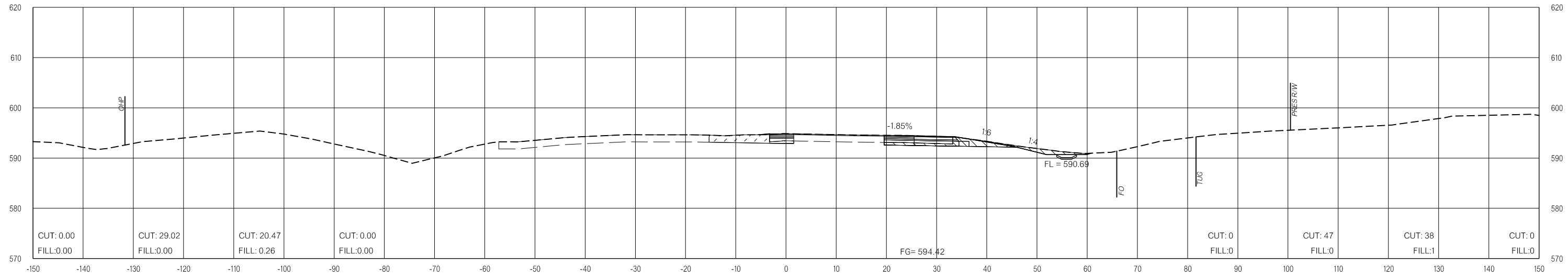
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PRE-CONSTRUCTION

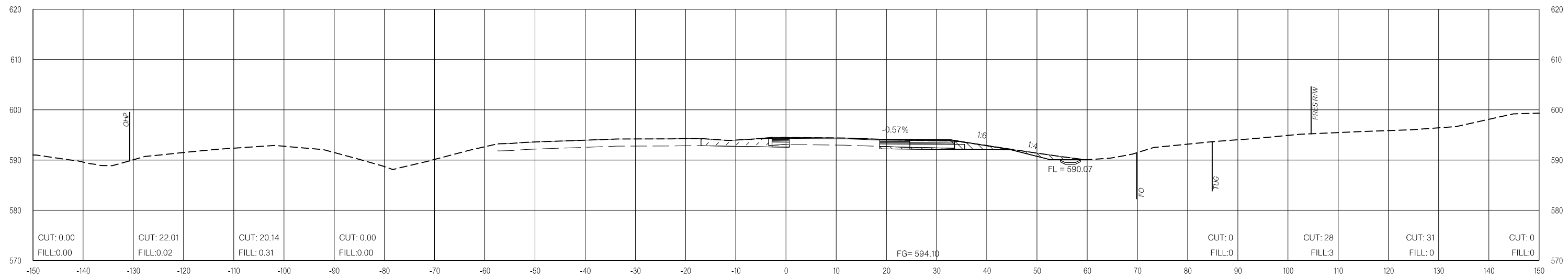
PHASE 1

PHASE 2

PHASE 3



112+50.00



112+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

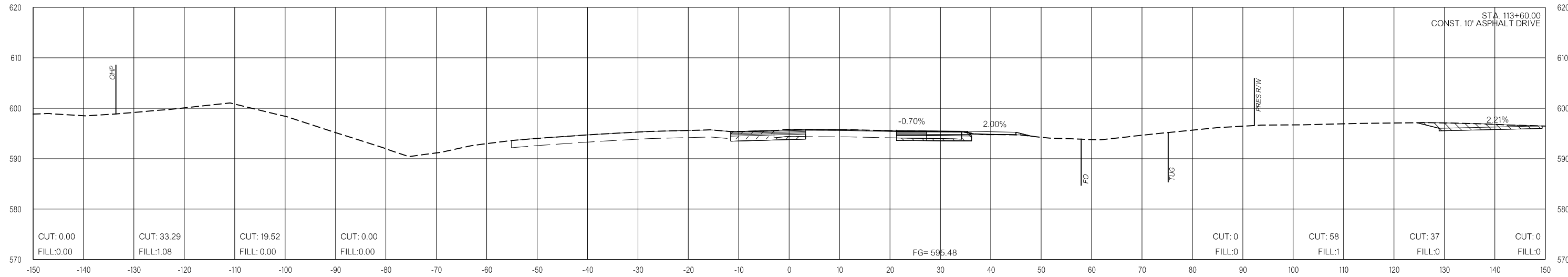
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PRE-CONSTRUCTION

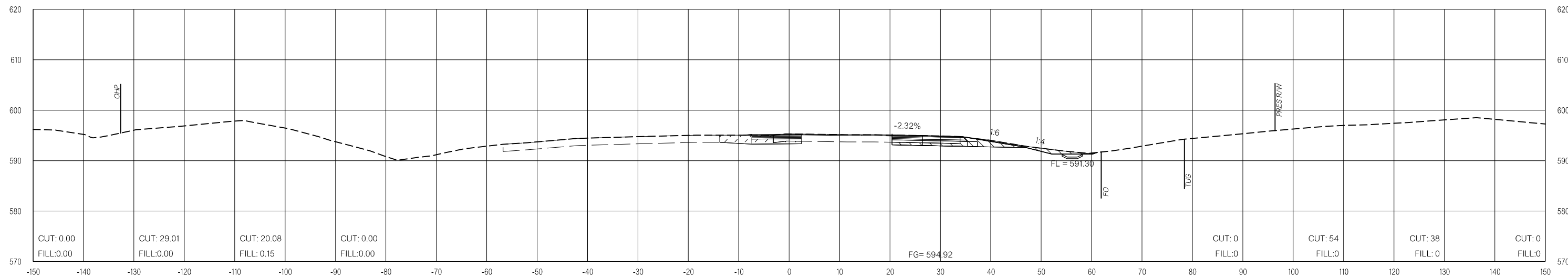
PHASE 1

PHASE 2

PHASE 3



113+50.00



113+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

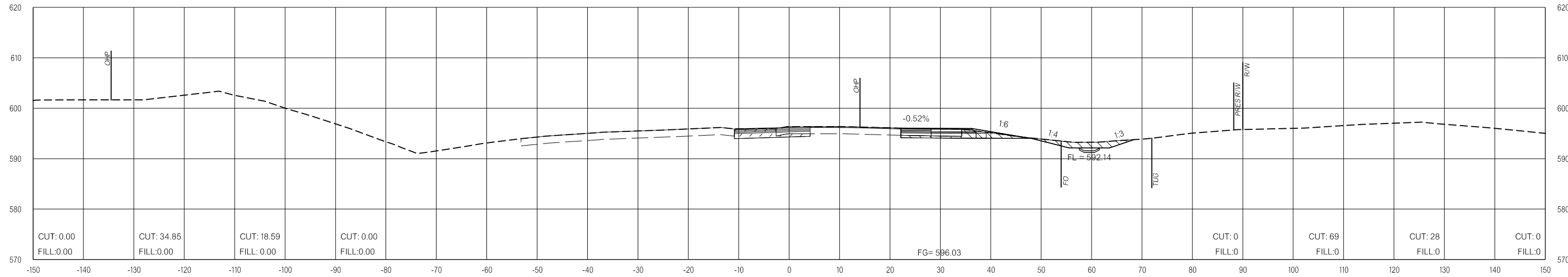
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PRE-CONSTRUCTION

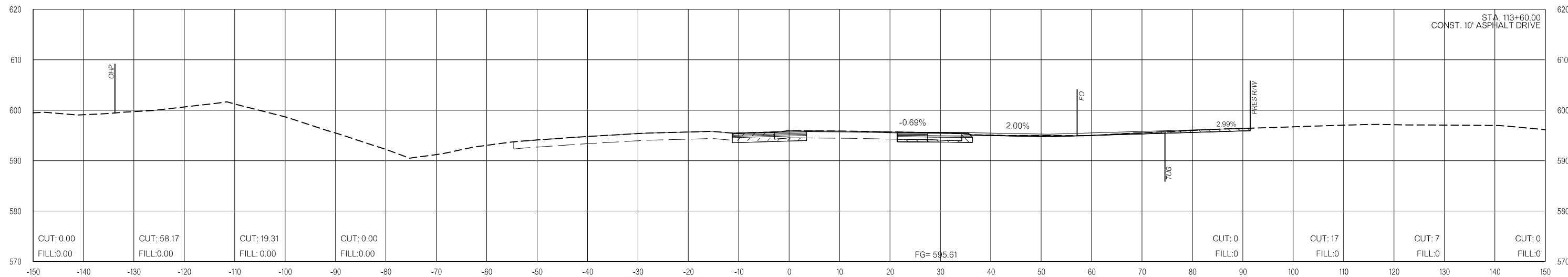
PHASE 1

PHASE 2

PHASE 3



114+00.00



113+60.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

US-69

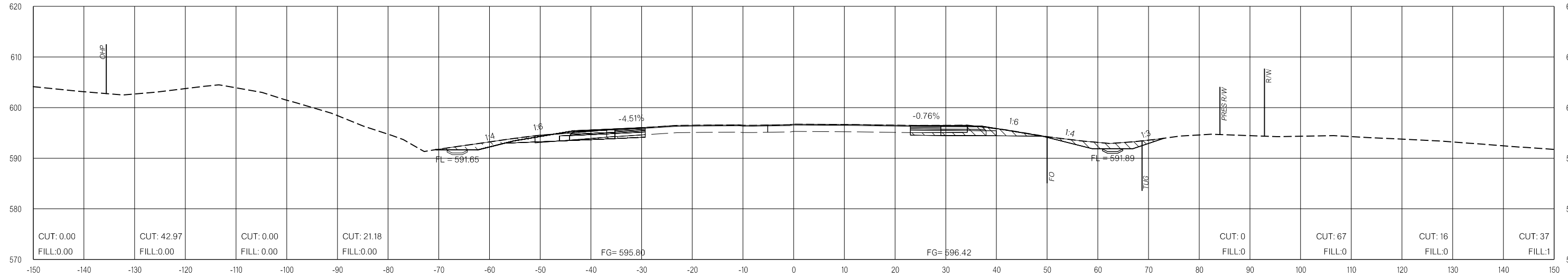
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FINAL FIELD MEETING
 26-JUN-2024

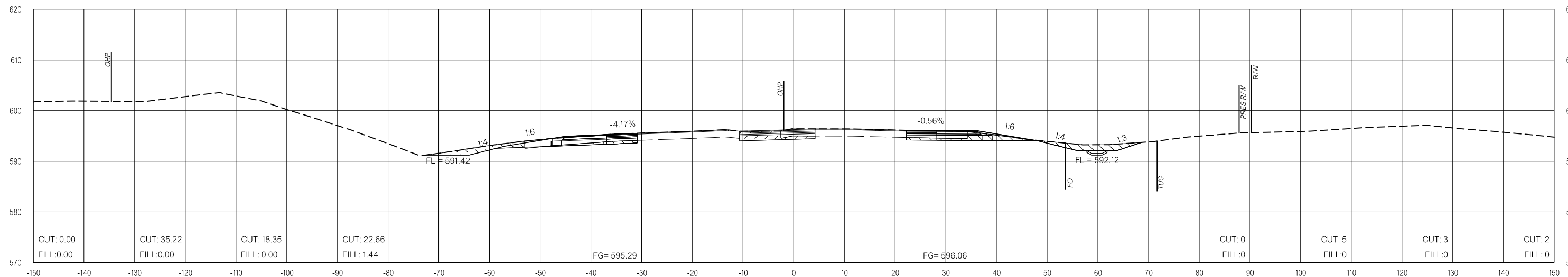
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



114+50.00



114+04.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

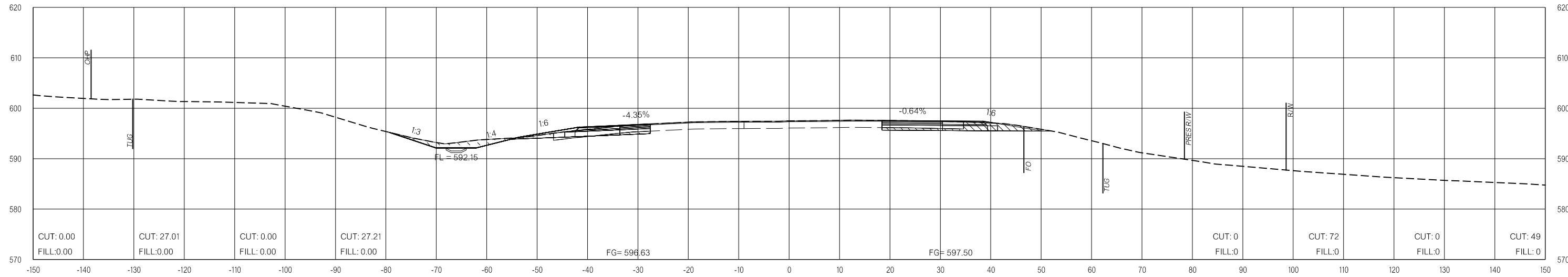
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PRE-CONSTRUCTION

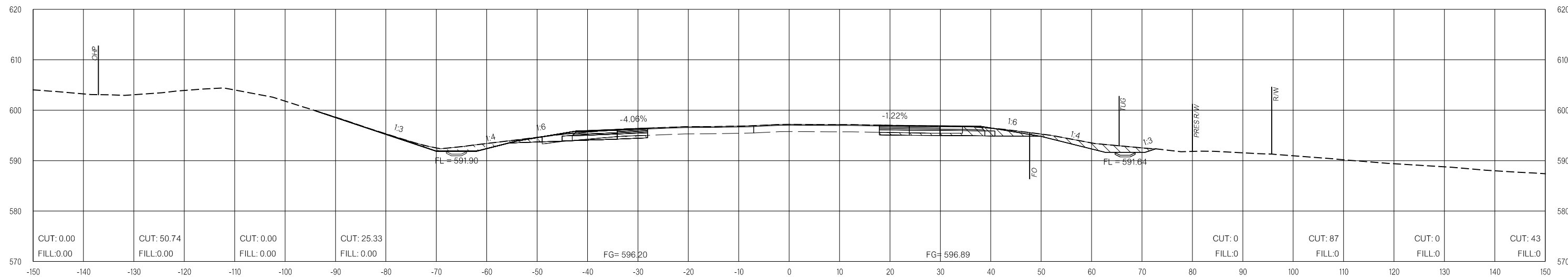
PHASE 1

PHASE 2

PHASE 3



115+50.00



115+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

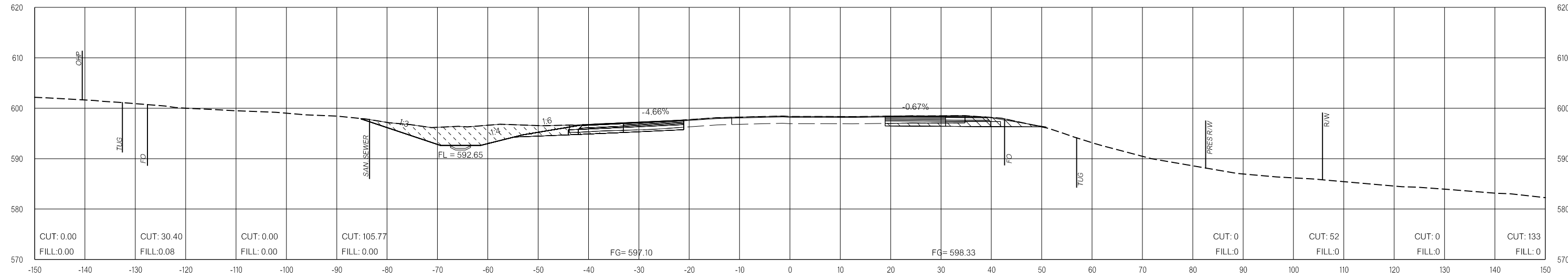
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 26-JUN-2024

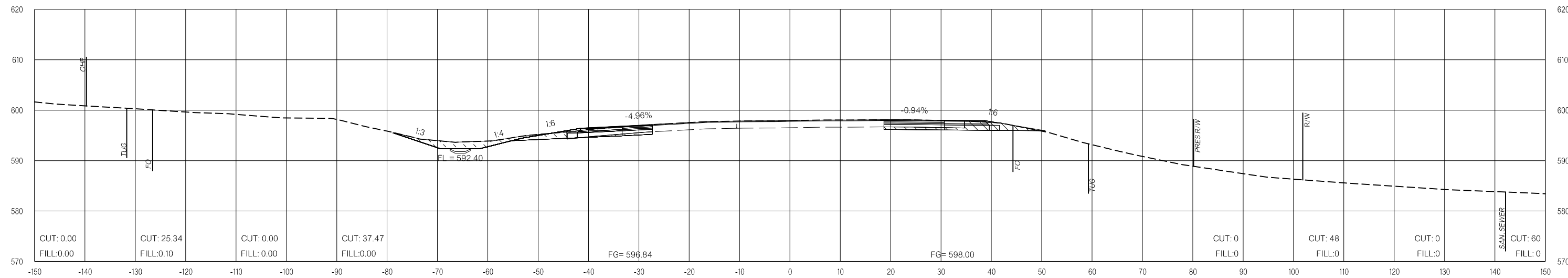
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



116+50.00



116+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 p:\pw-int.hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

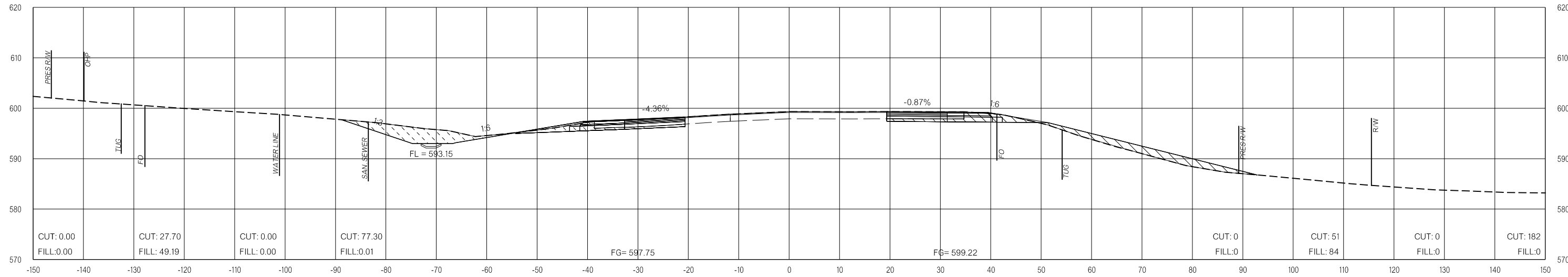
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PRE-CONSTRUCTION

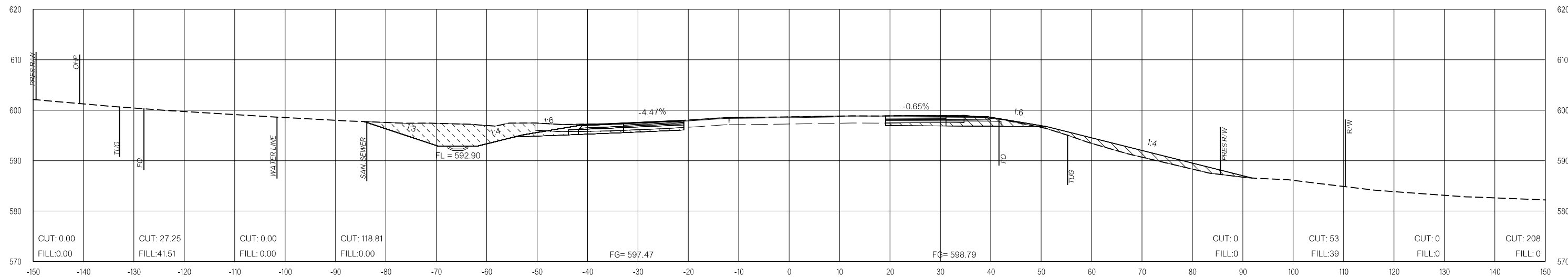
PHASE 1

PHASE 2

PHASE 3



117+50.00



117+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

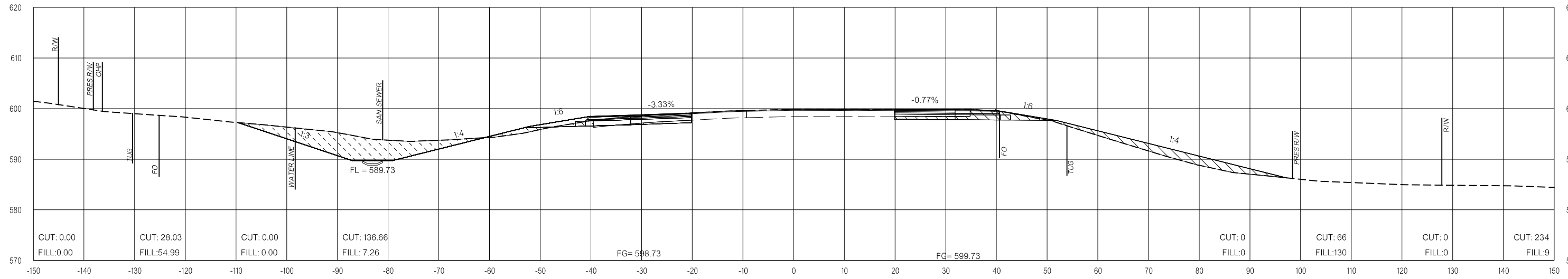
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 26-JUN-2024

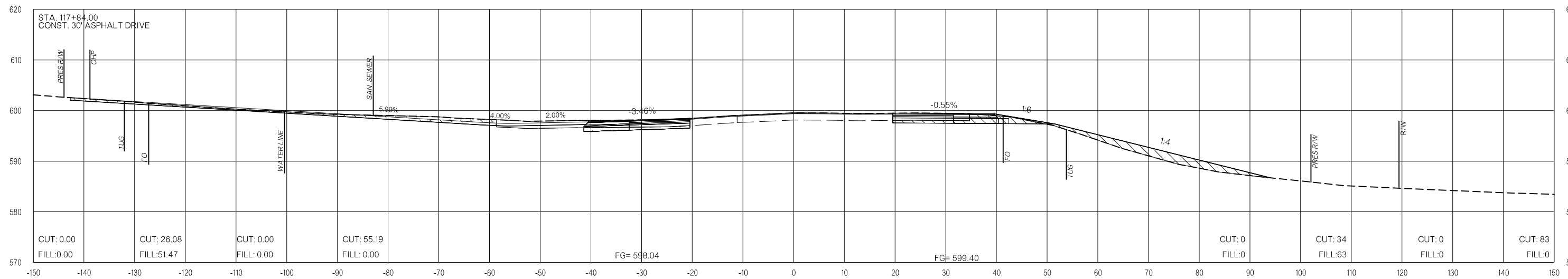
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



118+50.00



117+84.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

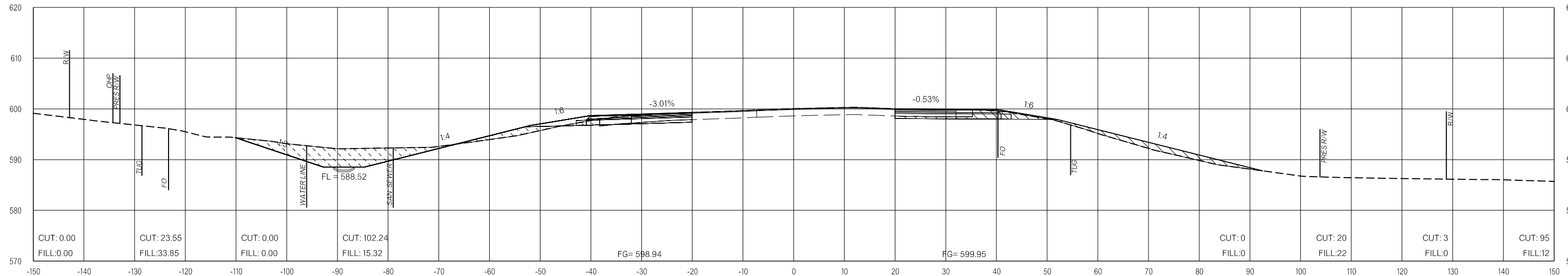
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FINAL FIELD MEETING
 26-JUN-2024

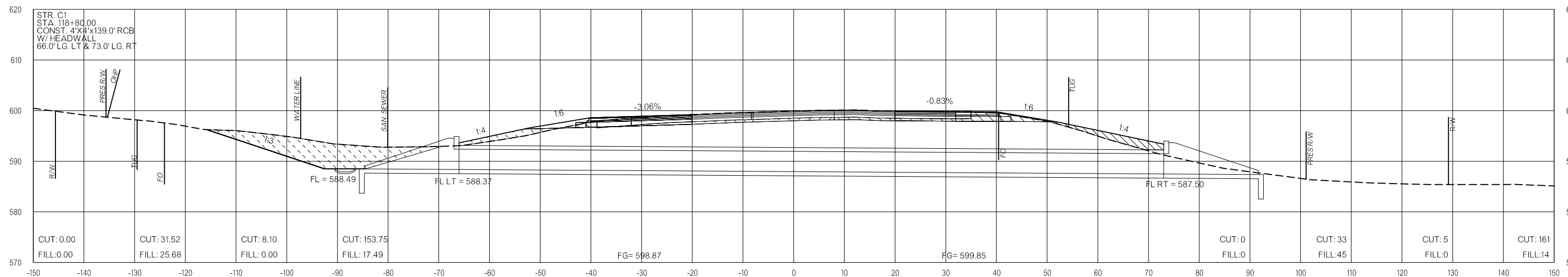
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



119+00.00



118+80.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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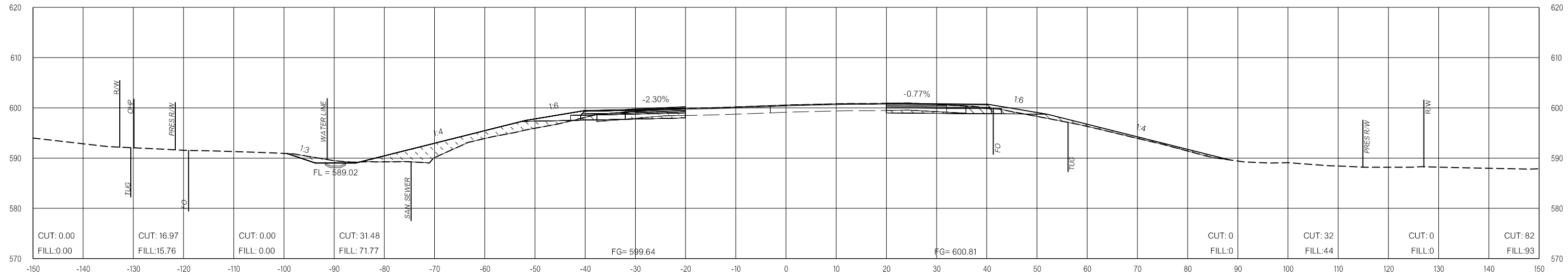
OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

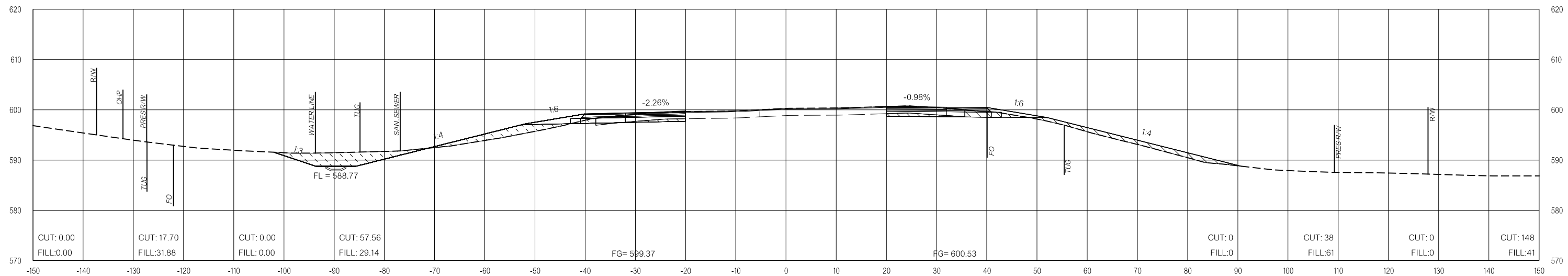
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



120+00.00



119+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

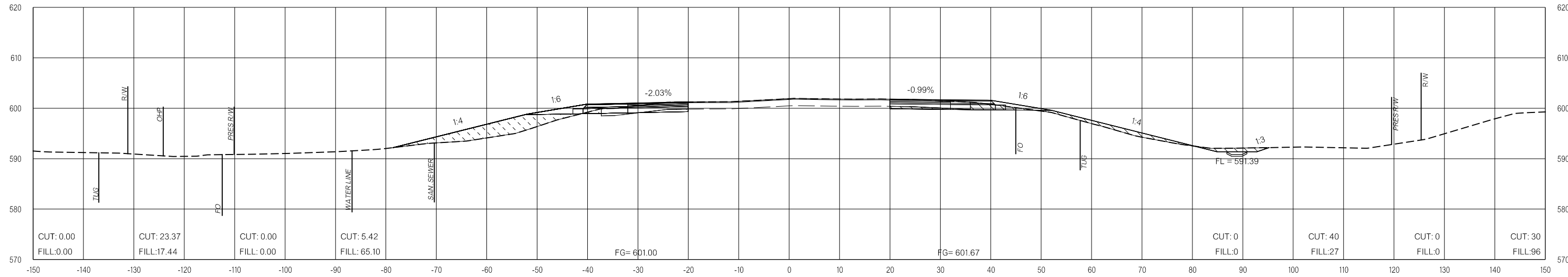
PHASE 3

PRE-CONSTRUCTION

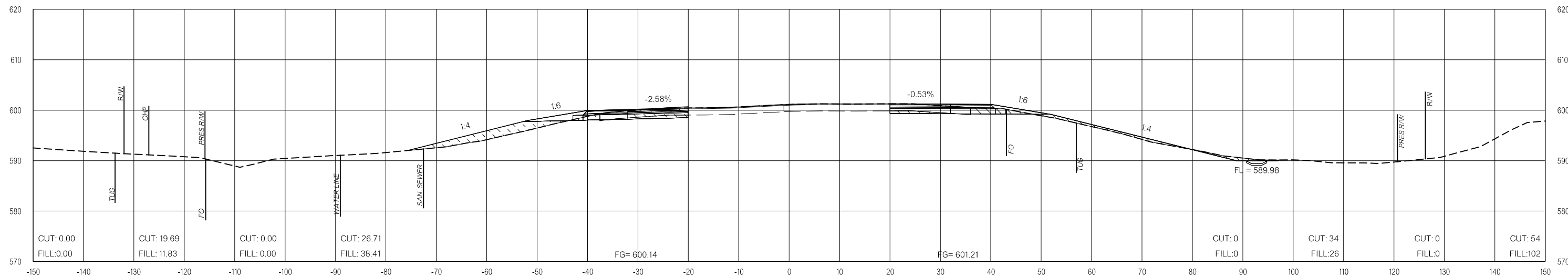
PHASE 1

PHASE 2

PHASE 3



121+00.00



120+50.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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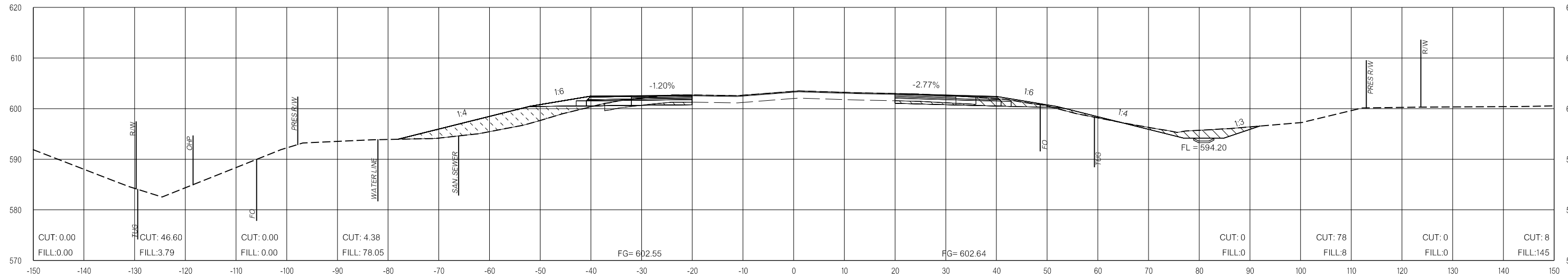
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

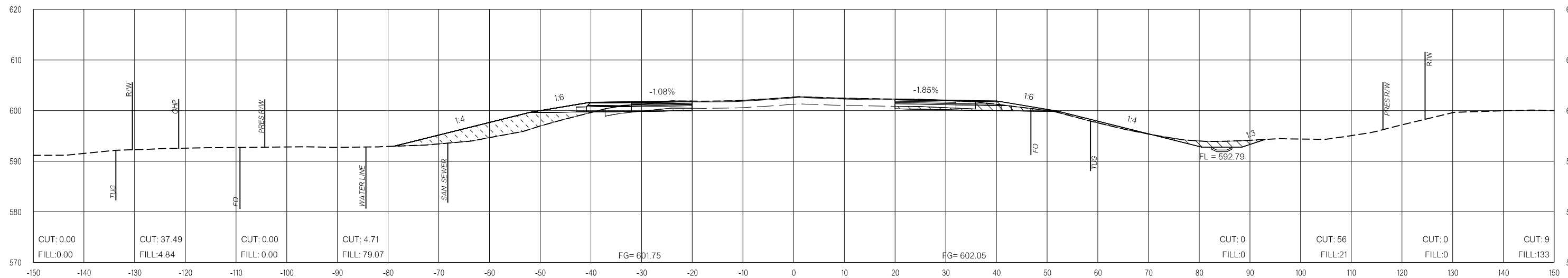
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



122+00.00



121+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

PHASE 3

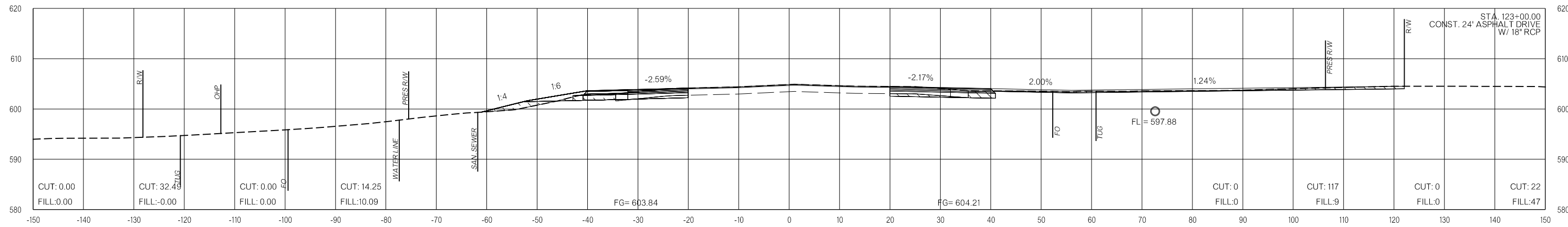
PRE-CONSTRUCTION

PHASE 1

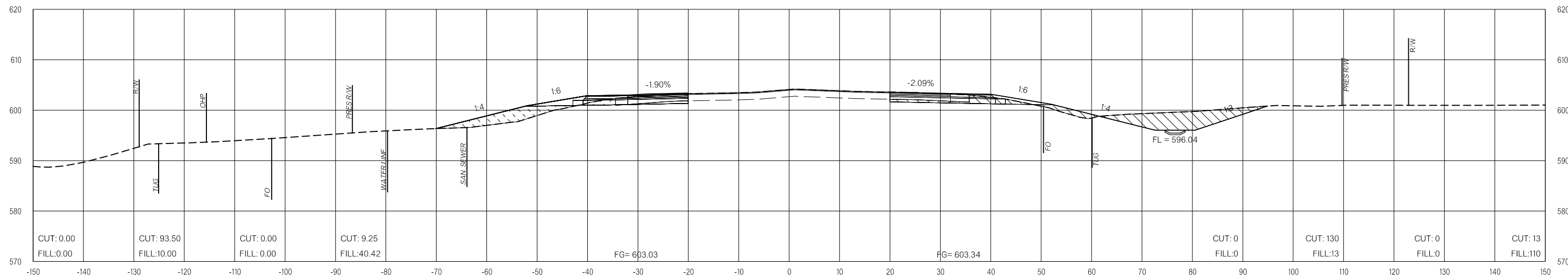
PHASE 2

PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410(04)-CrossSections.dgn



123+00.00



122+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

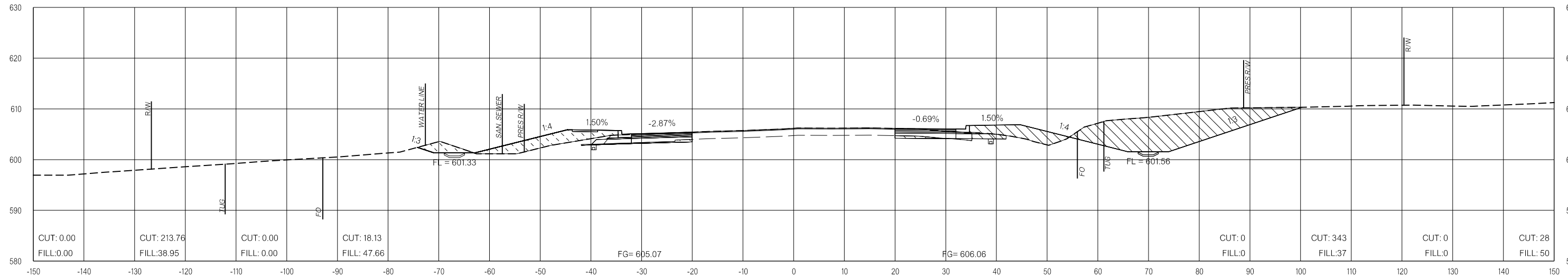
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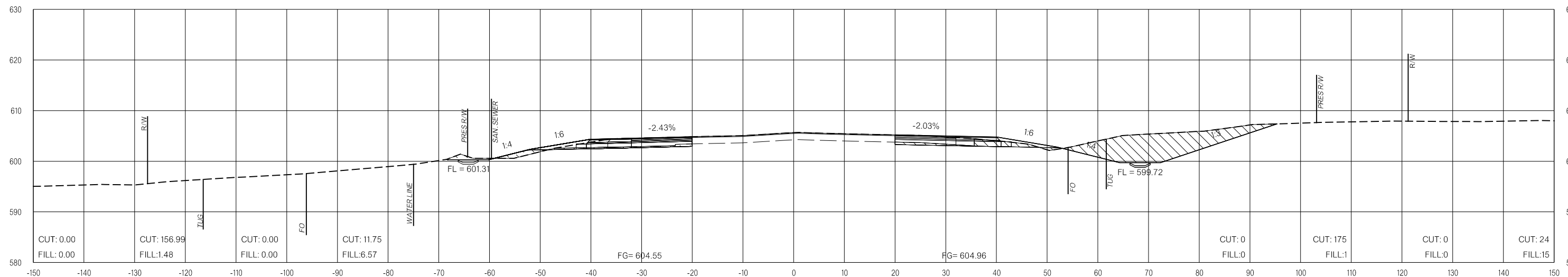
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



124+00.00



123+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

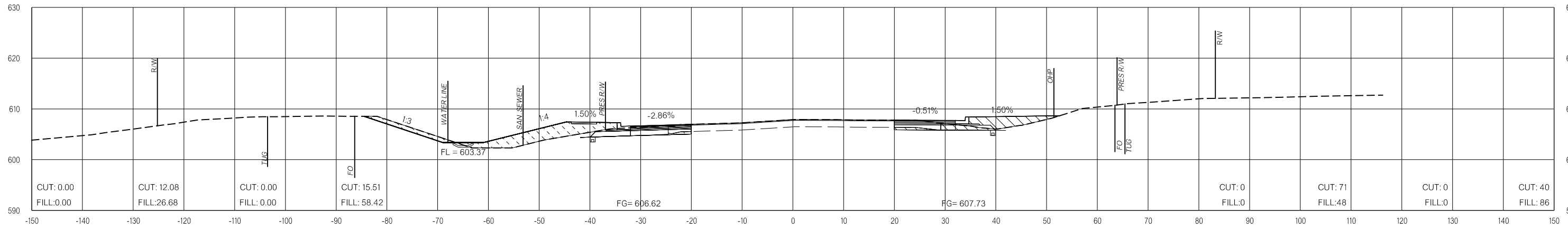
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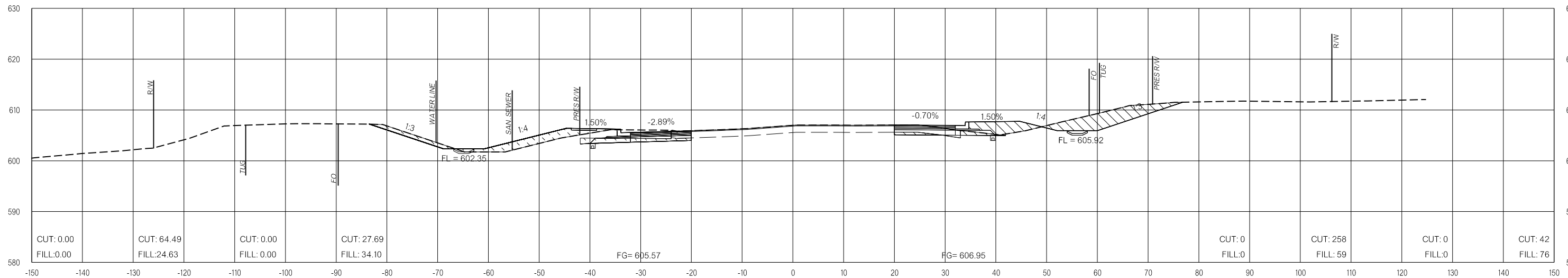
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



125+00.00



124+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

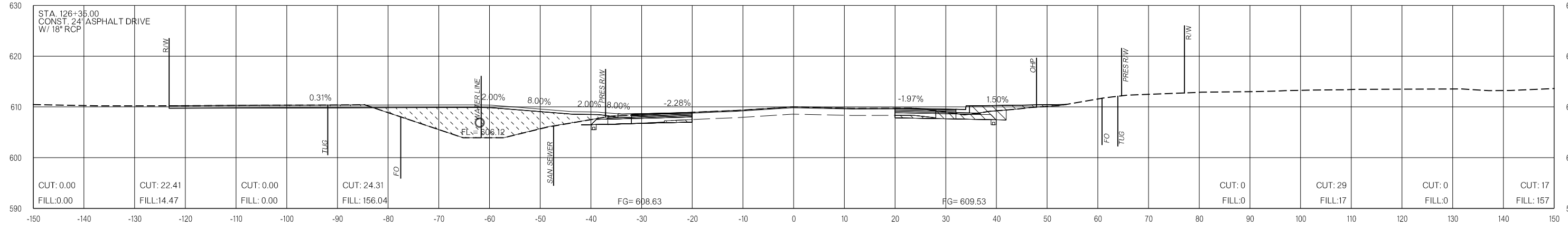
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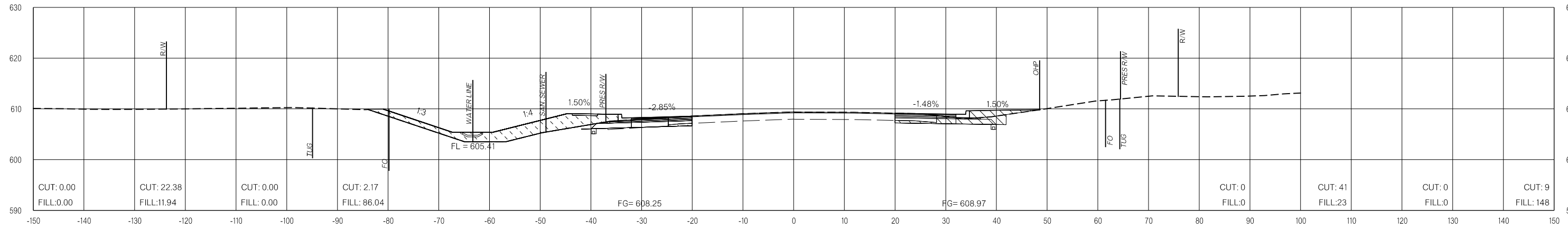
END AREAS (SF)

VOLUMES (CY)

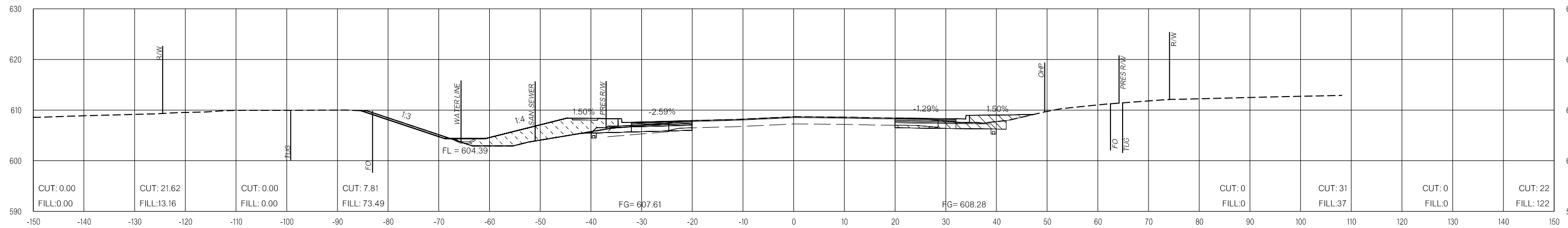
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



126+35.00



126+00.00



125+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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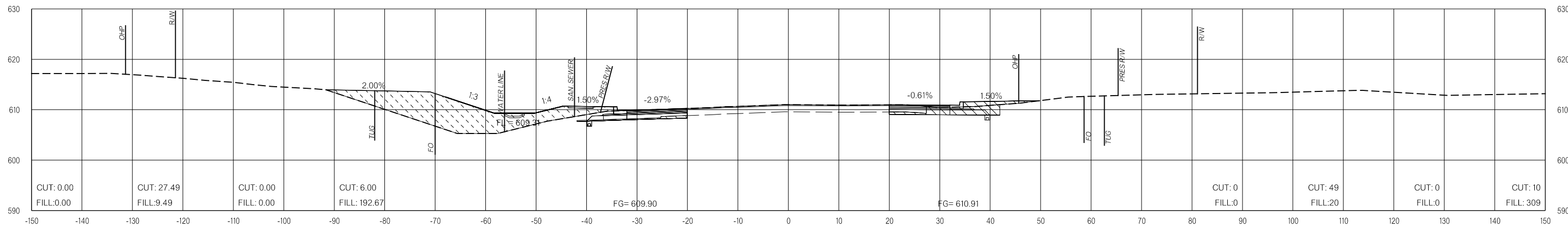
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

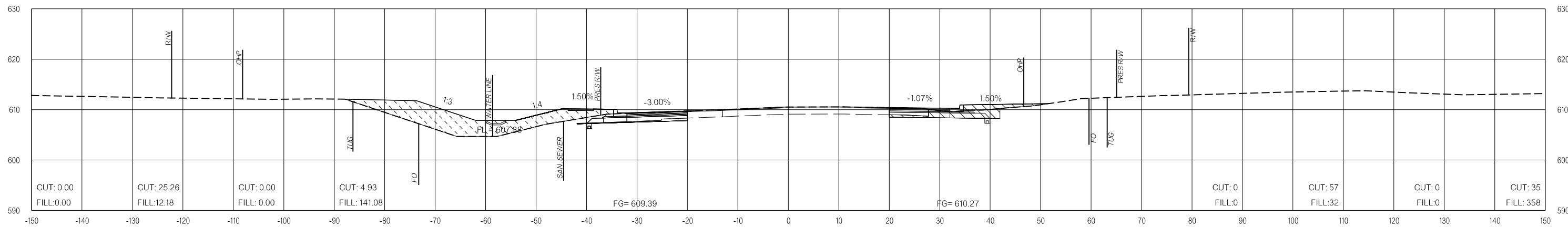
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



127+50.00



127+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

US-69

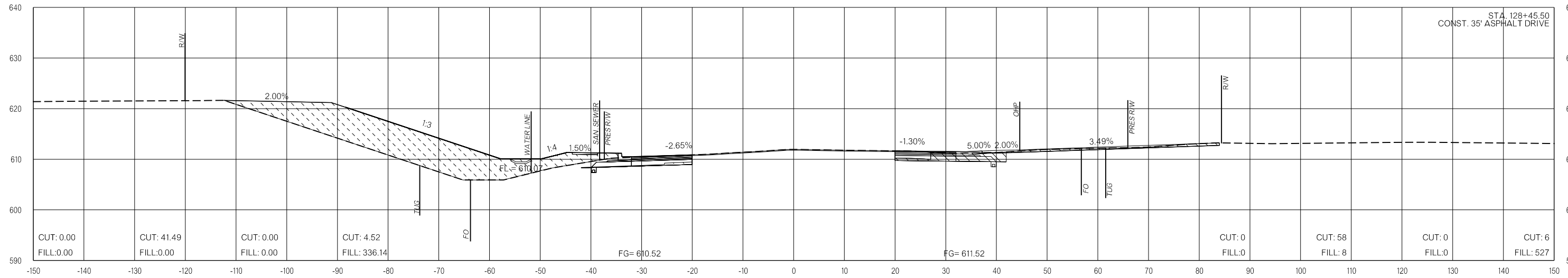
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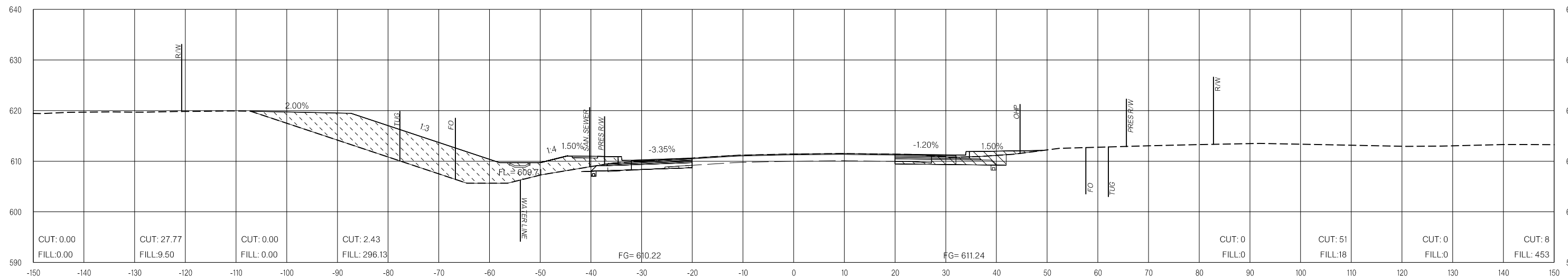
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



128+45.50



128+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

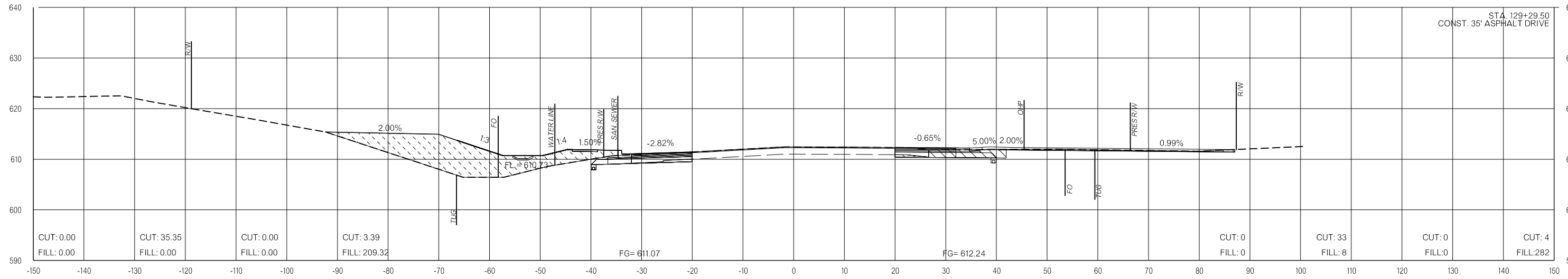
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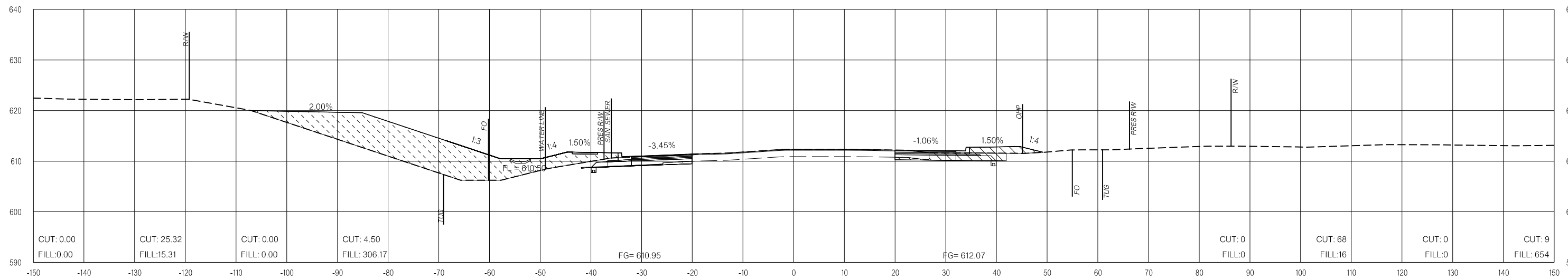
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



129+29.50



129+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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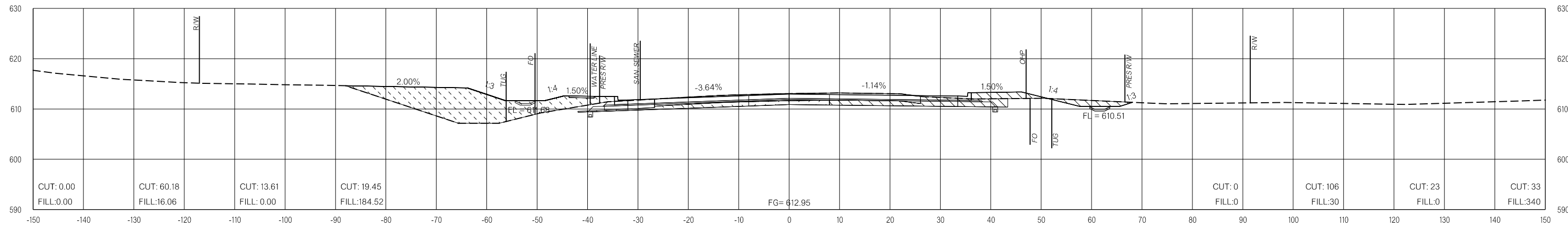
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26-JUN-2024

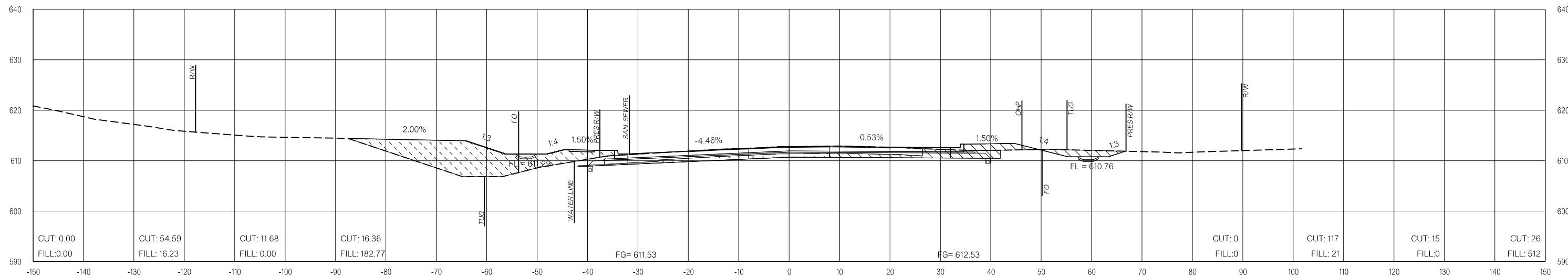
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



130+50.00



130+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

US-69

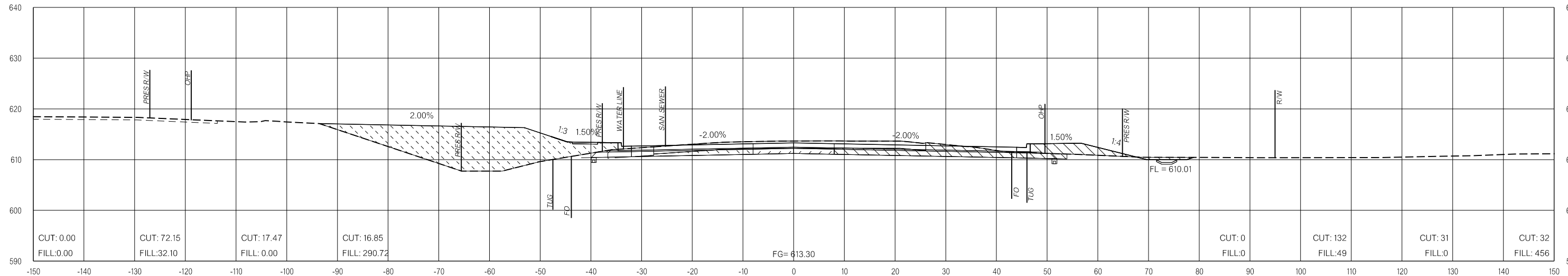
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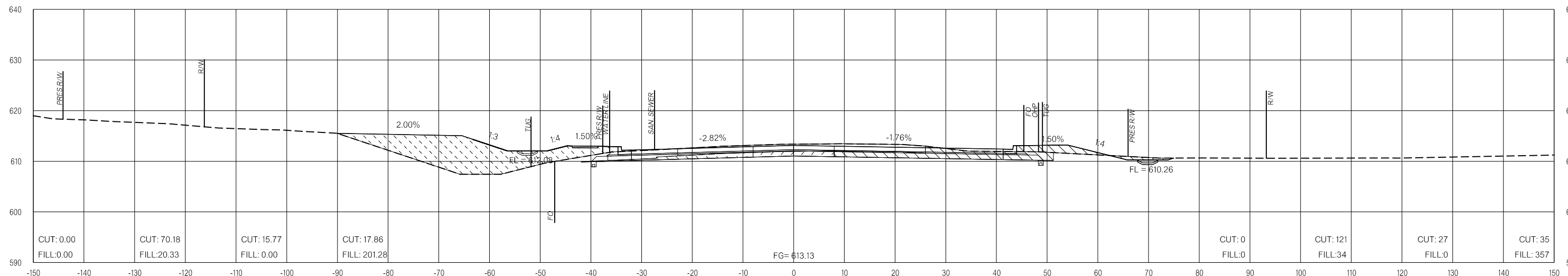
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



131+50.00



131+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

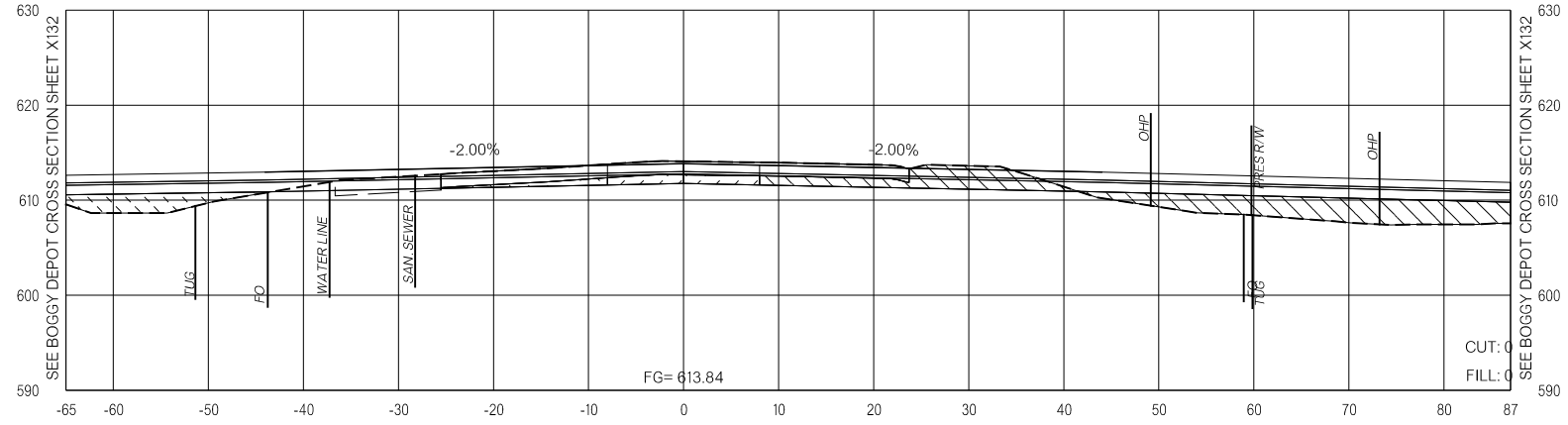
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

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 CUT: 7.06 FILL: 30.18

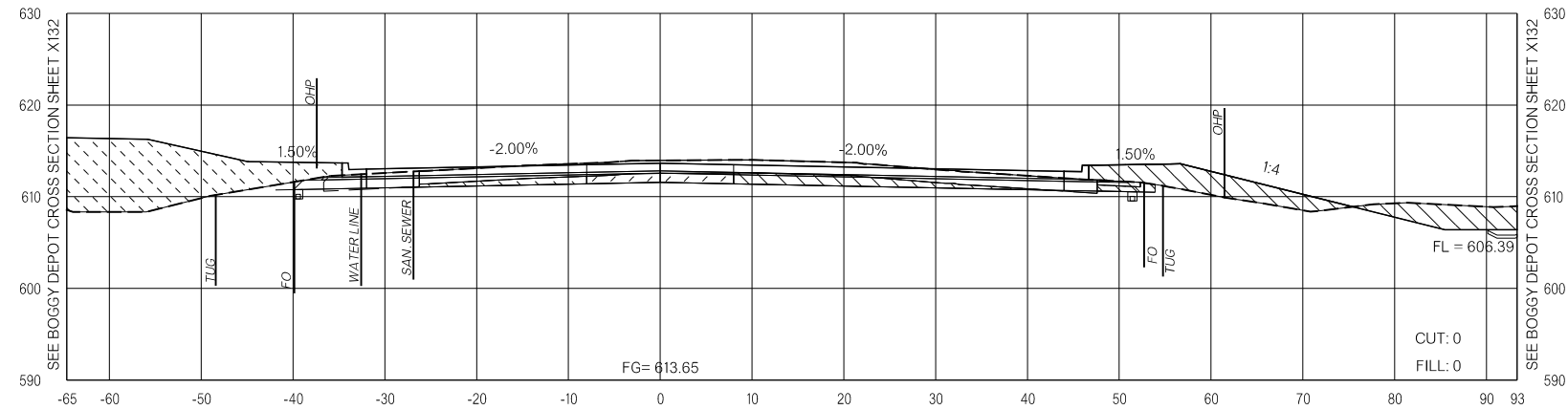
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133+00.00

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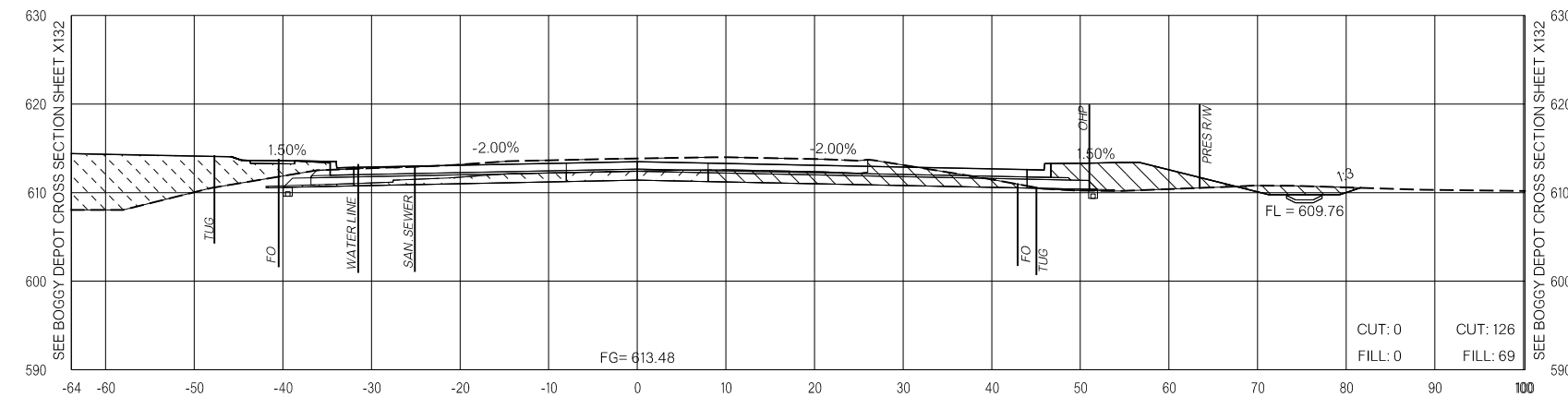
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132+50.00

CUT: 0.00 FILL: 0.00
 CUT: 64.09 FILL: 42.94
 CUT: 17.84 FILL: 0.00
 CUT: 19.67 FILL: 111.08

CUT: 0 FILL: 0
 CUT: 126 FILL: 69
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 CUT: 34 FILL: 372



132+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

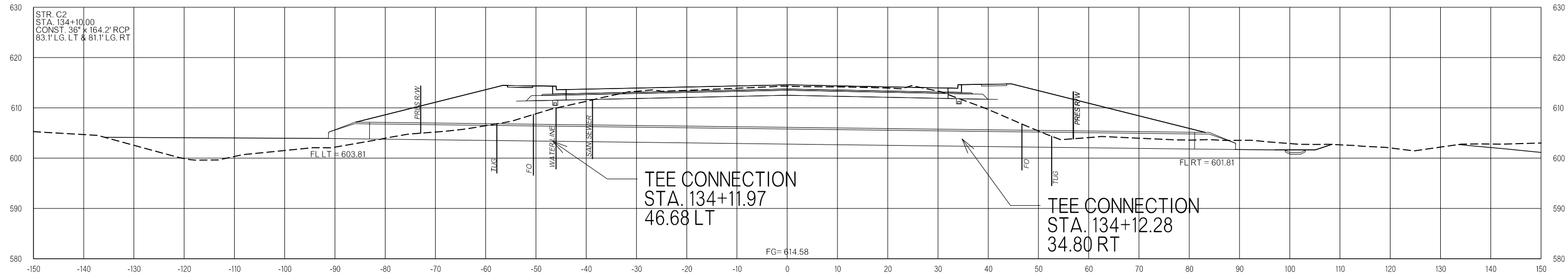
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US-69

END AREAS (SF)

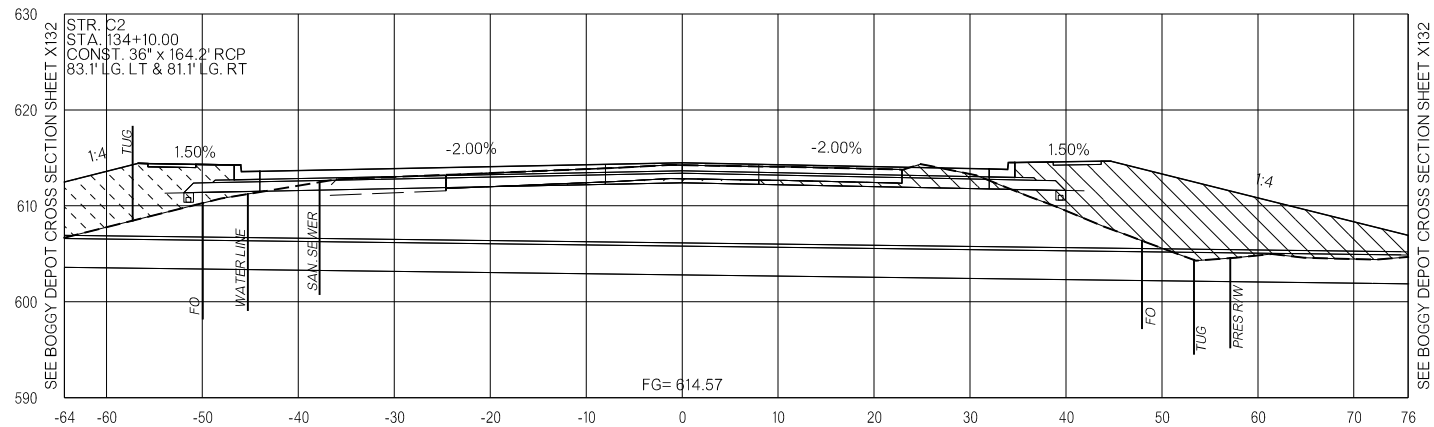
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



134+10.65
FOR INFORMATION ONLY

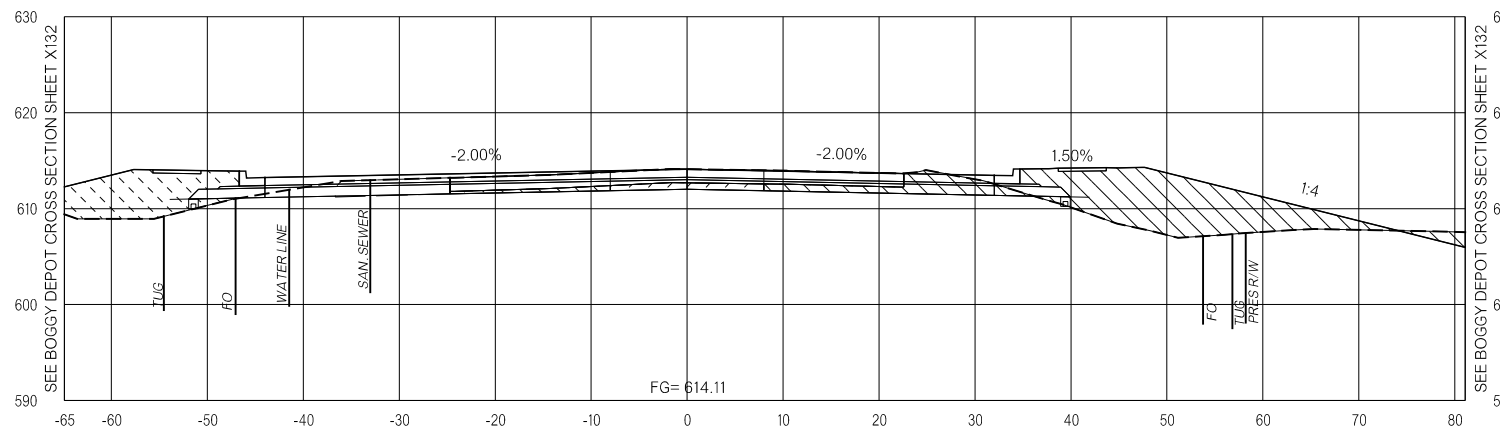
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CUT: 0	CUT: 62	CUT: 16	CUT: 8
FILL: 0	FILL: 407	FILL: 0	FILL: 169

134+10.00

CUT: 0.00	CUT: 31.10	CUT: 10.52	CUT: 5.96
FILL: 0.00	FILL: 143.27	FILL: 0.00	FILL: 68.78



CUT: 0	CUT: 73	CUT: 23	CUT: 12
FILL: 0	FILL: 218	FILL: 0	FILL: 92

133+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

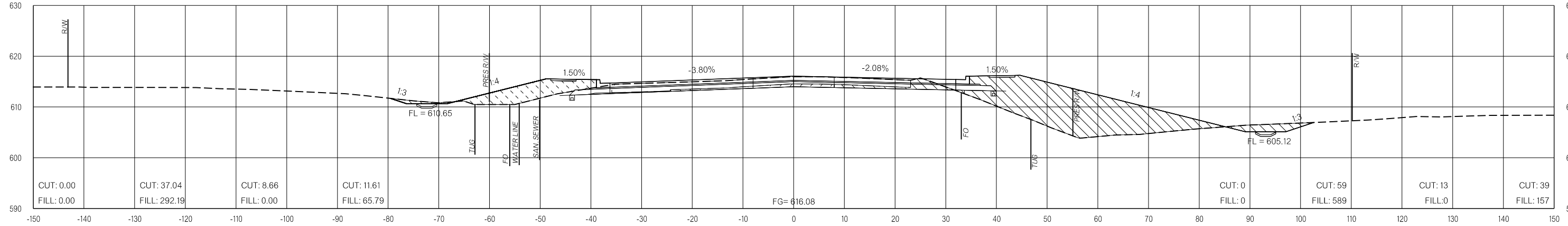
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FINAL FIELD MEETING
 26-JUN-2024

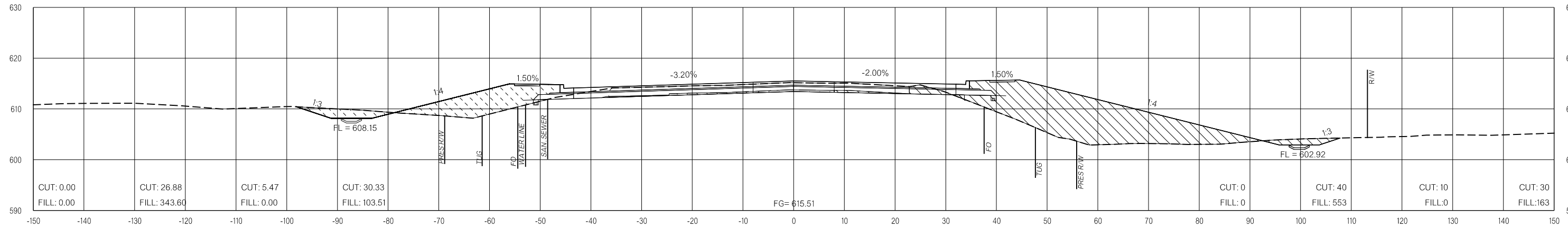
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VOLUMES (CY)

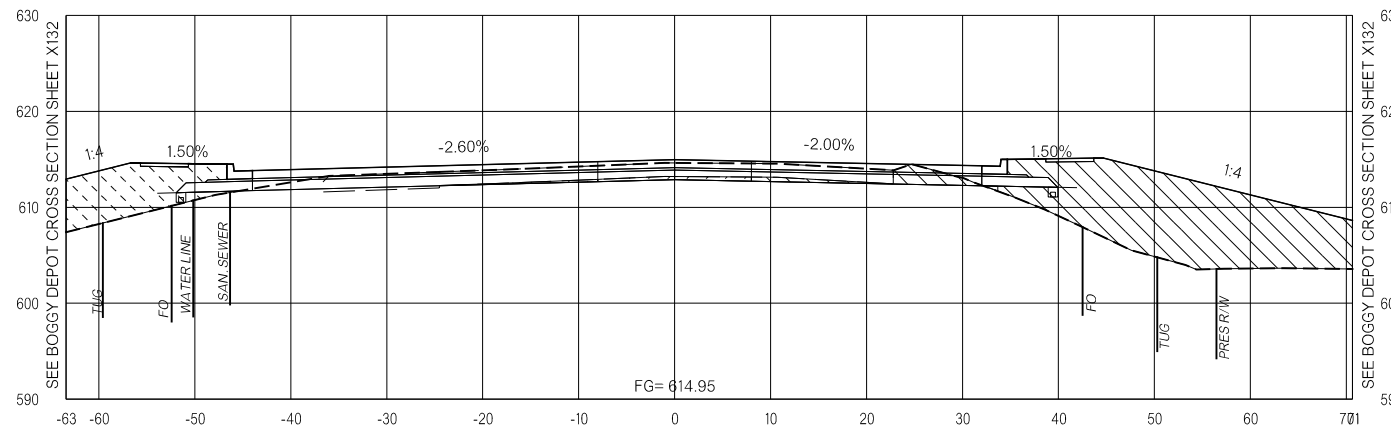
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



135+50.00



135+00.00



134+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

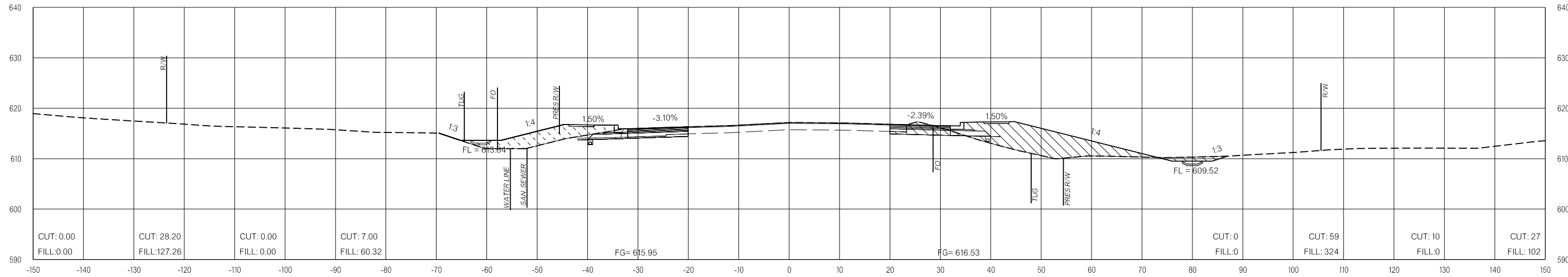
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PRE-CONSTRUCTION

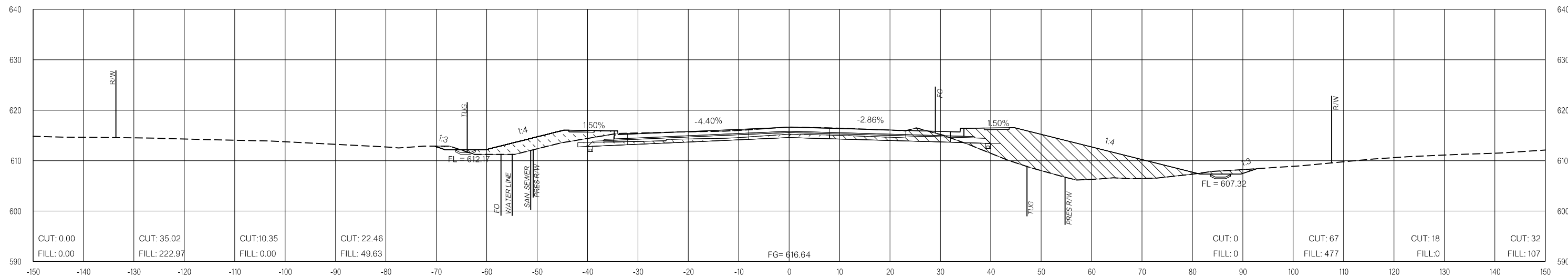
PHASE 1

PHASE 2

PHASE 3



136+50.00



136+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

PHASE 3

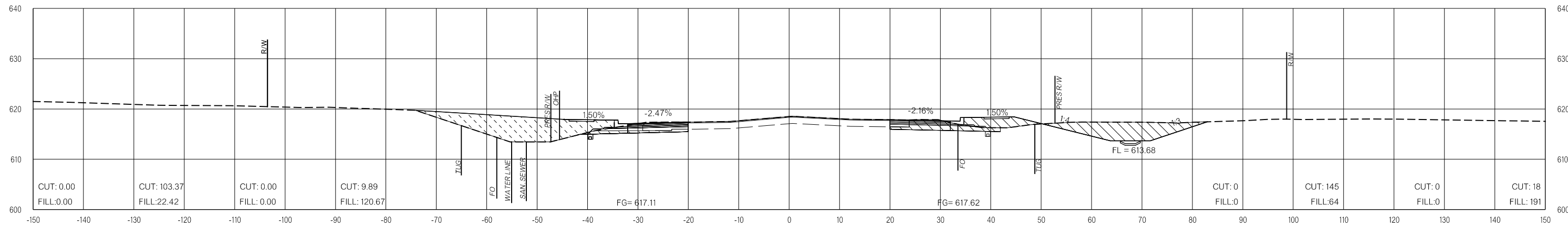
PRE-CONSTRUCTION

PHASE 1

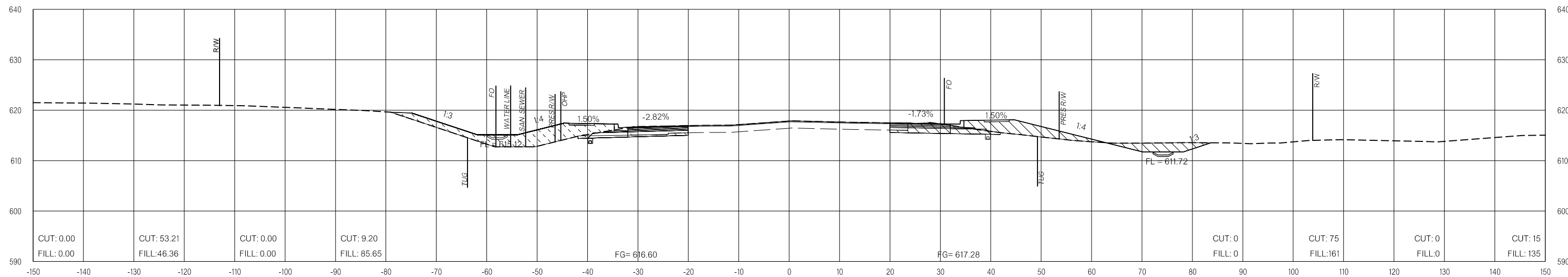
PHASE 2

PHASE 3

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137+50.00



137+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

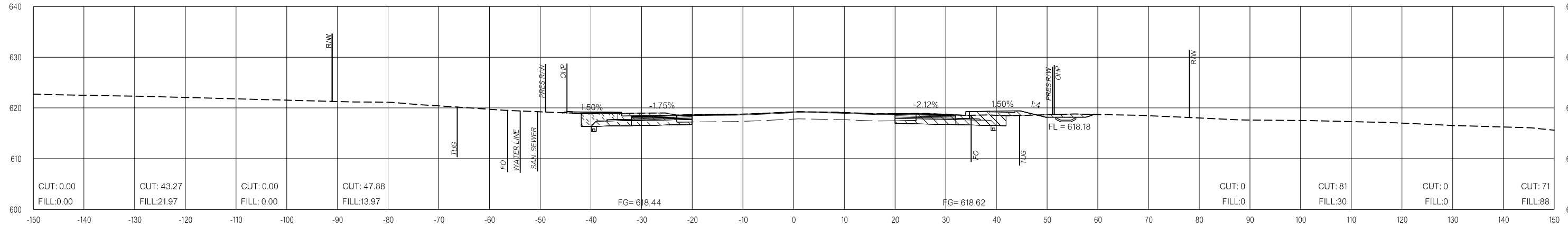
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MEETING**
26-JUN-2024

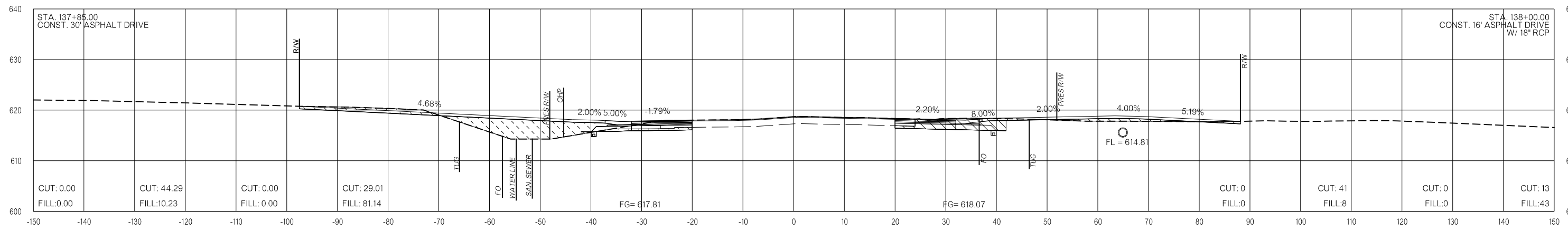
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VOLUMES (CY)

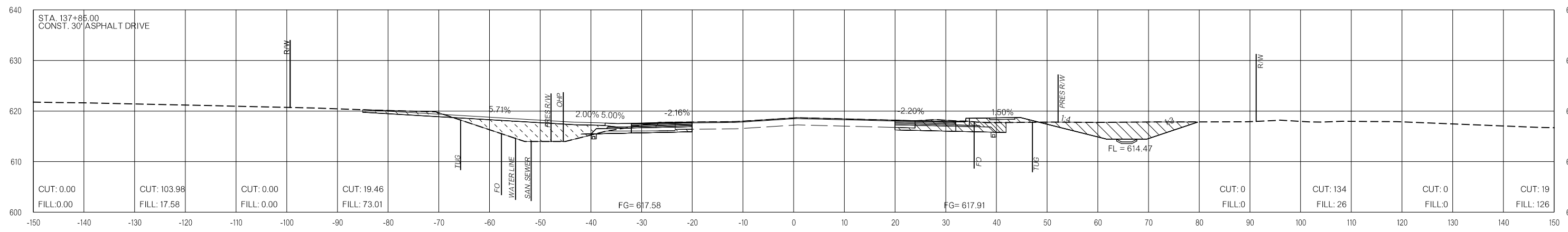
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



138+50.00



138+00.00



137+85.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

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US-69

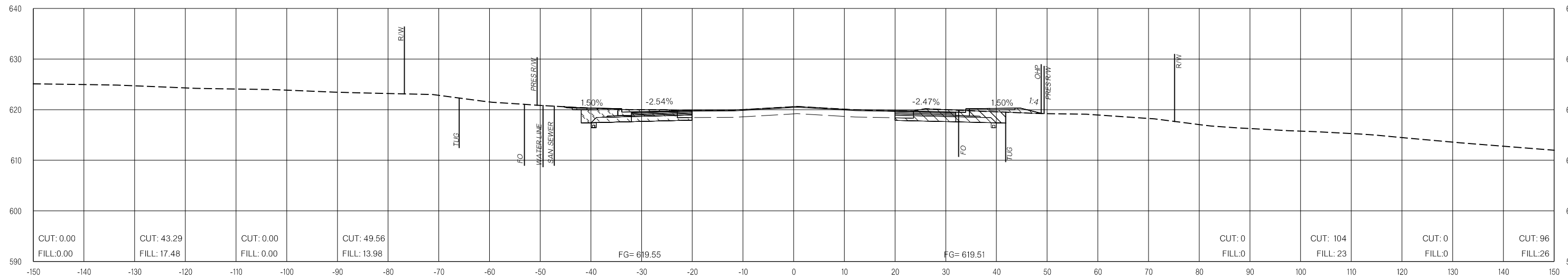
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FINAL FIELD MEETING
 26-JUN-2024

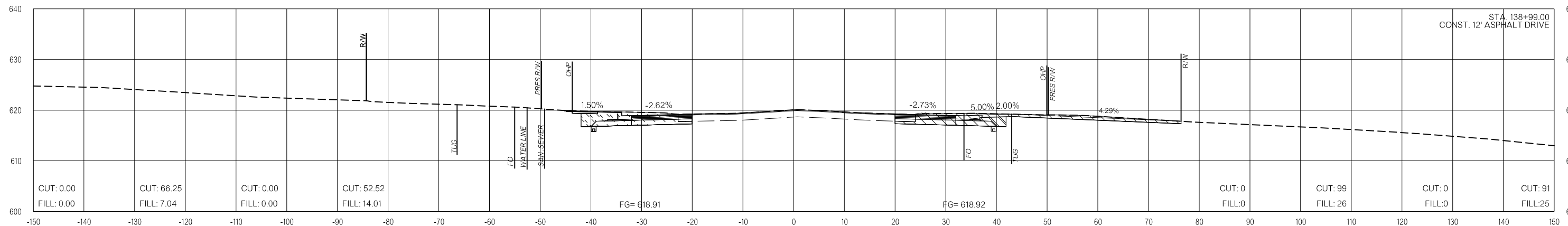
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



139+50.00



138+98.97

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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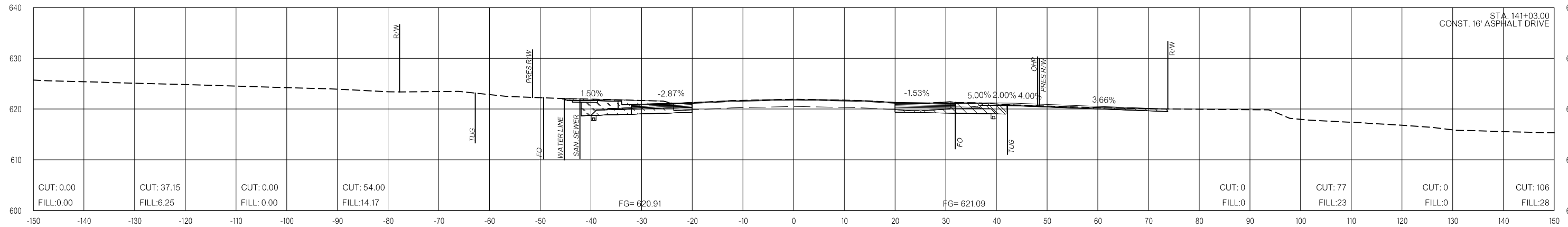
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FINAL FIELD MEETING
26-JUN-2024

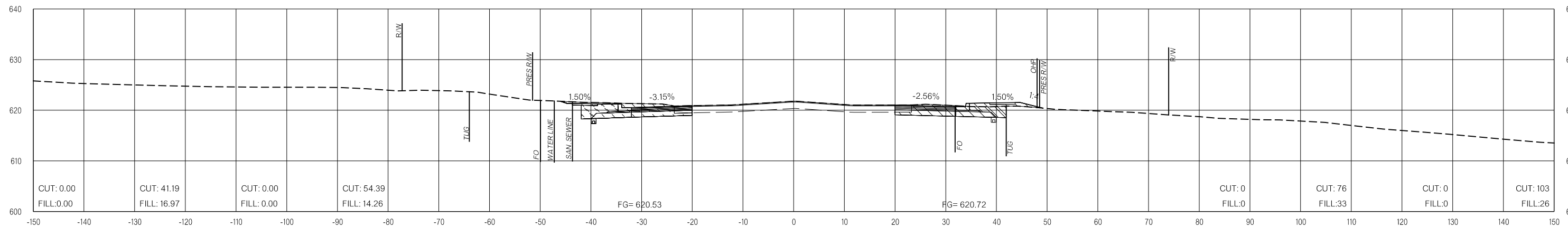
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VOLUMES (CY)

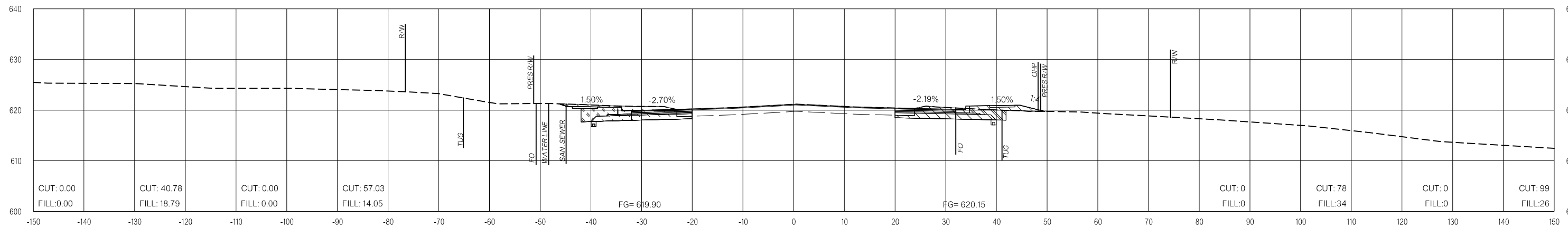
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



141+03.00



140+50.00



140+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

US-69

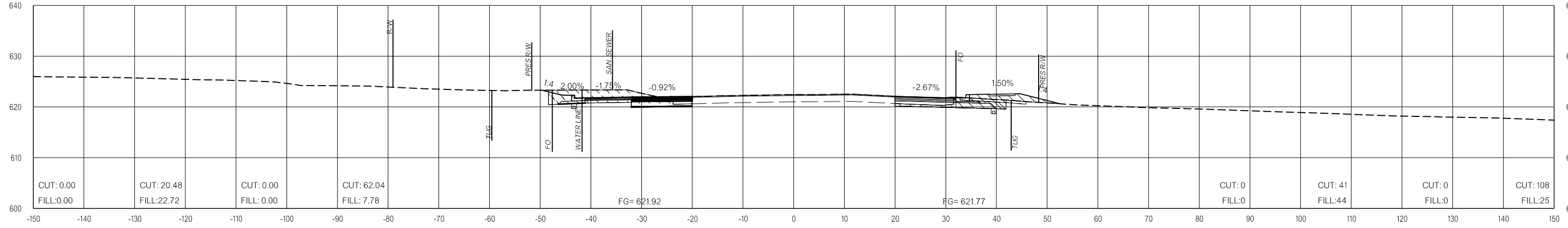
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FINAL FIELD MEETING
 26-JUN-2024

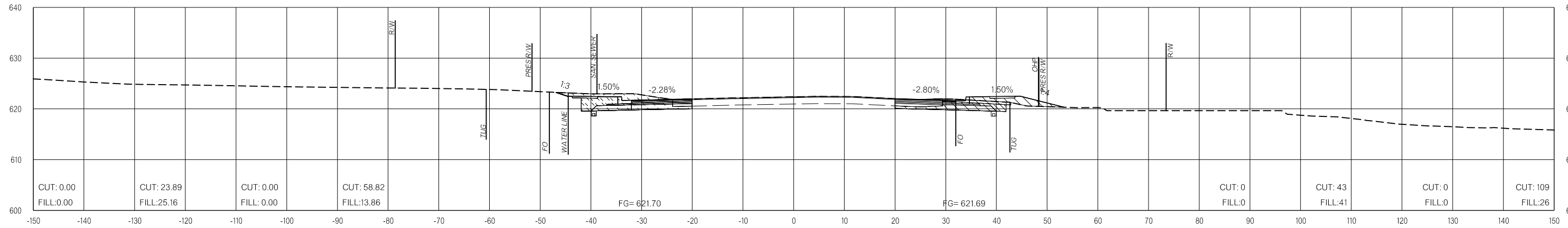
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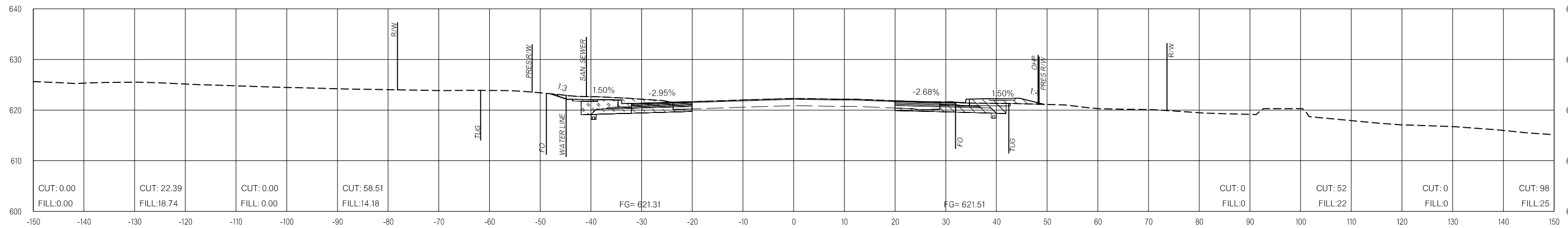
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



142+50.00



142+00.00



141+50.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

US-69

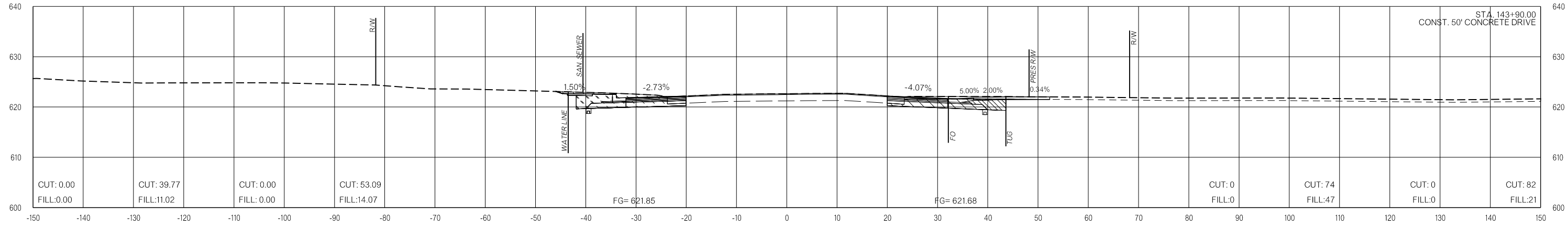
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FINAL FIELD MEETING
 26-JUN-2024

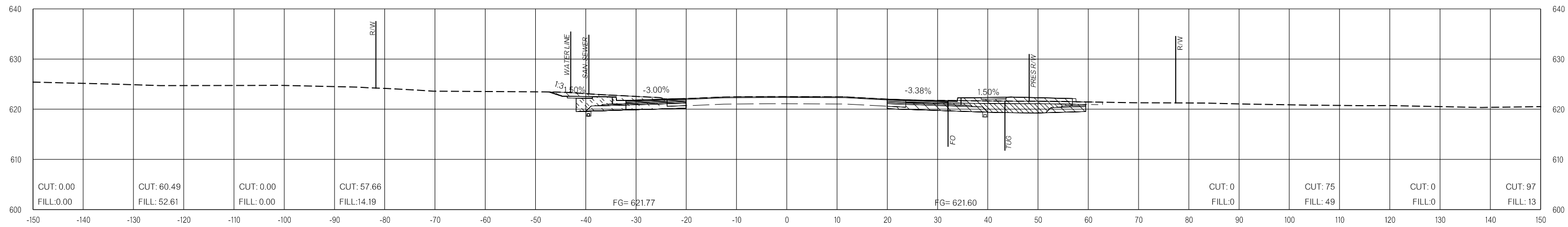
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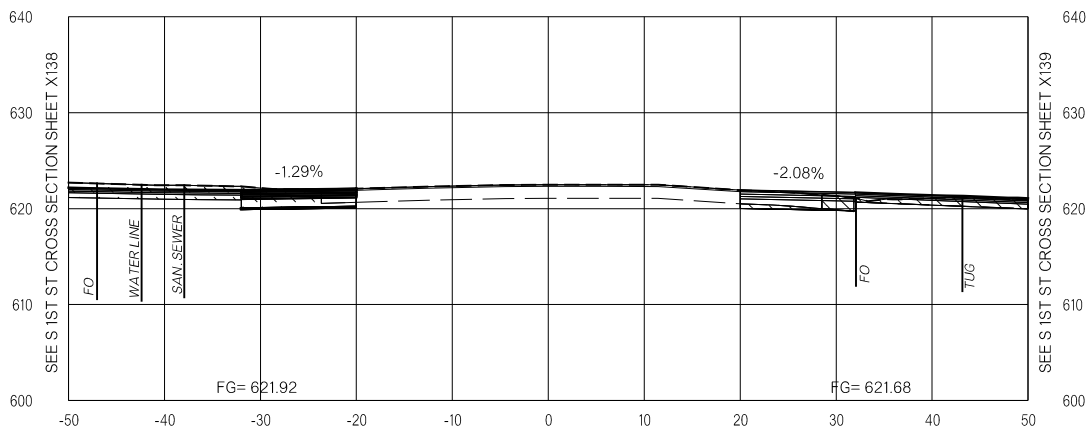
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143+90.00



143+50.00



143+00.00

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 CUT: 20.97 FILL: 0.00
 CUT: 0.00 FILL: 0.00
 CUT: 45.83 FILL: 0.00

CUT: 0 FILL: 0
 CUT: 38 FILL: 21
 CUT: 0 FILL: 0
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LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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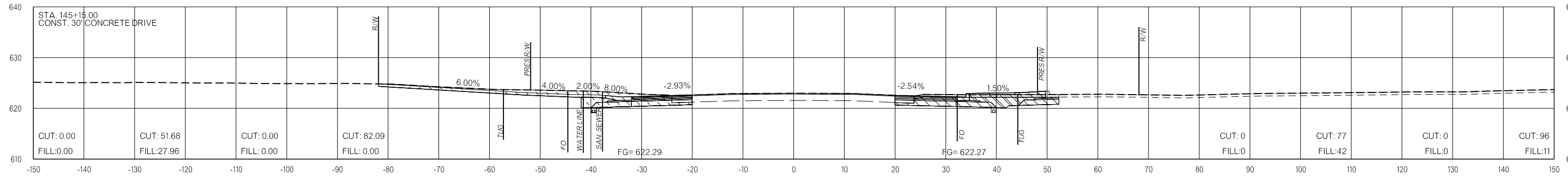
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US-69

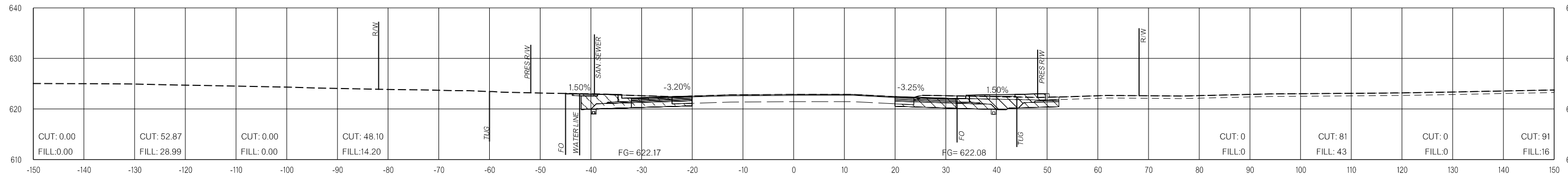
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VOLUMES (CY)

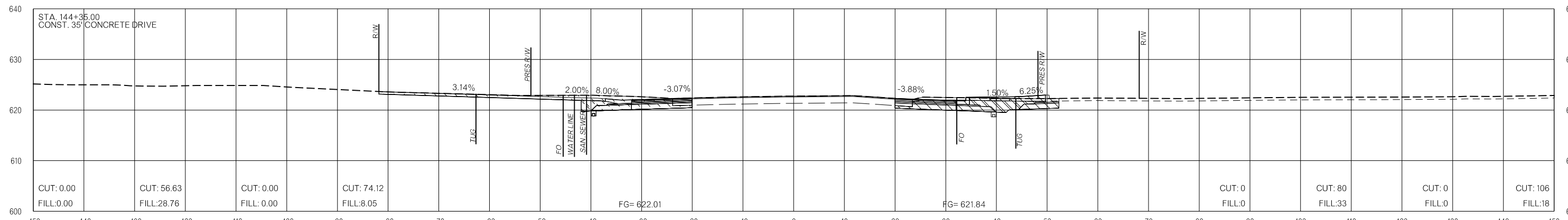
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145+15.00



144+75.00



144+35.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn

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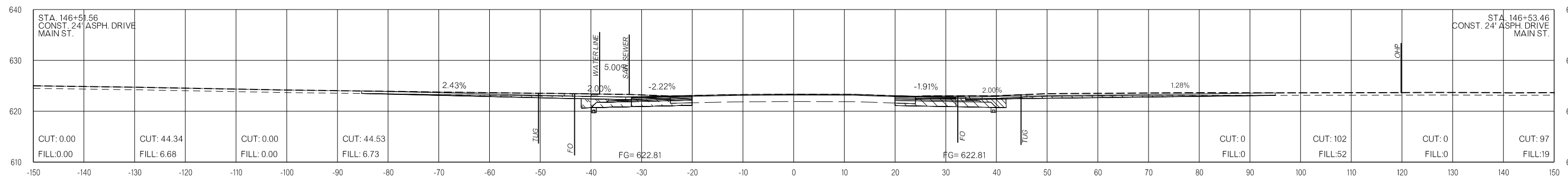
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26-JUN-2024

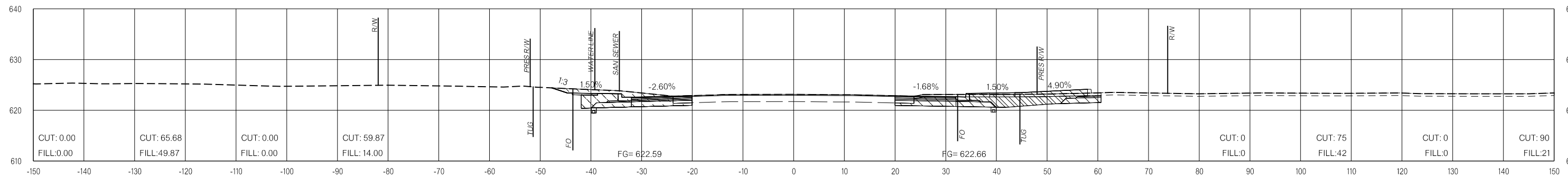
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VOLUMES (CY)

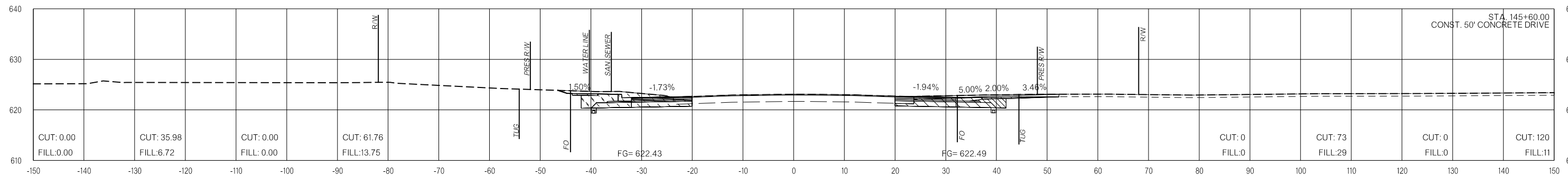
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146+50.00



146+00.00



145+60.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

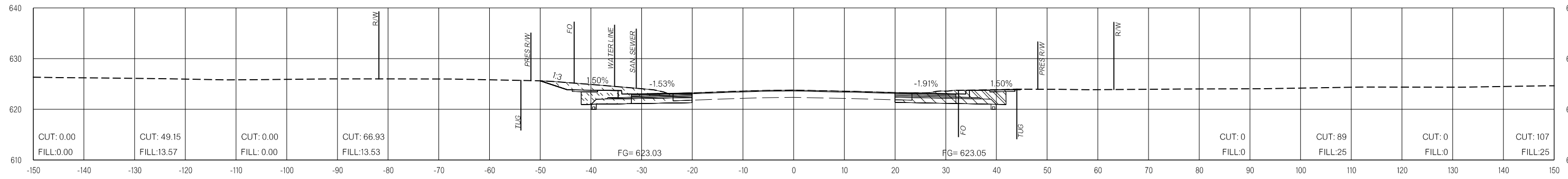
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FINAL FIELD MEETING
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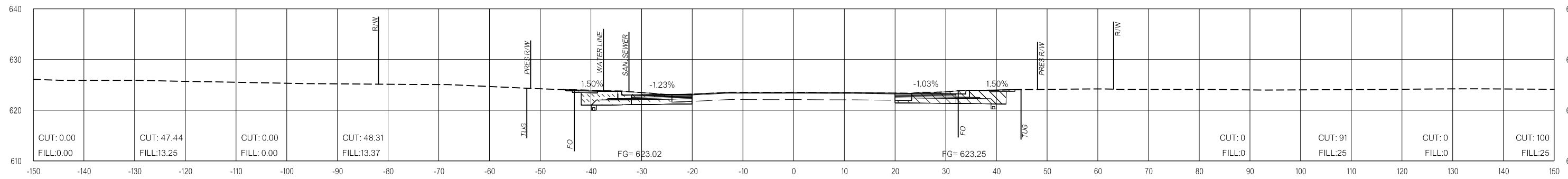
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VOLUMES (CY)

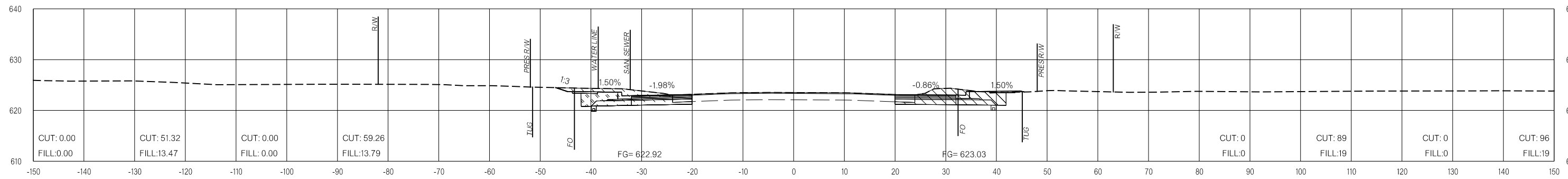
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148+00.00



147+50.00



147+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

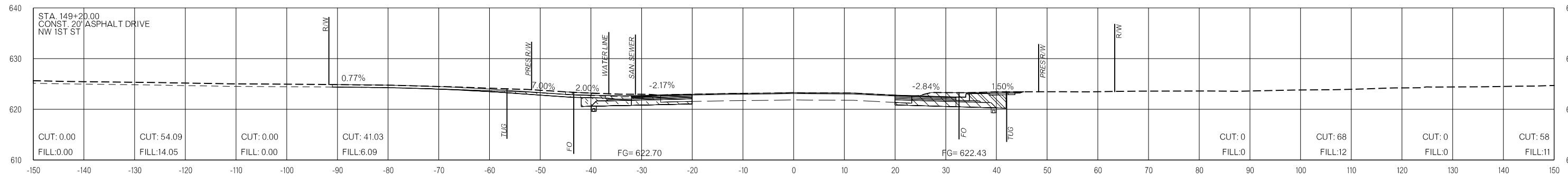
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**FINAL FIELD
MEETING**
26-JUN-2024

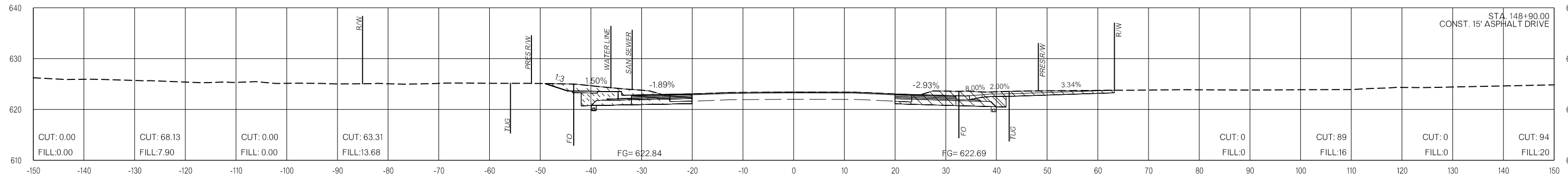
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VOLUMES (CY)

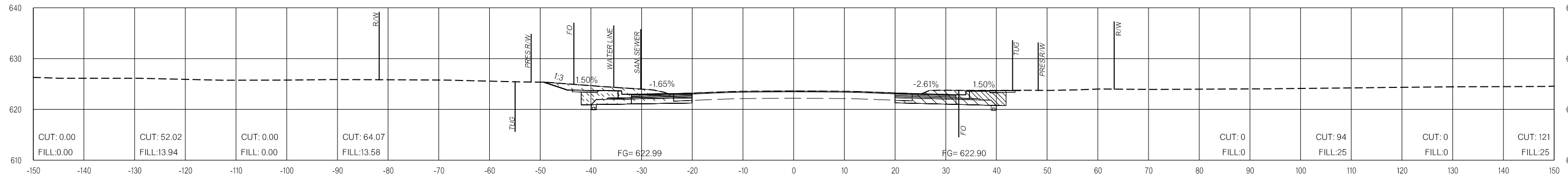
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



149+20.00



148+90.00



148+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

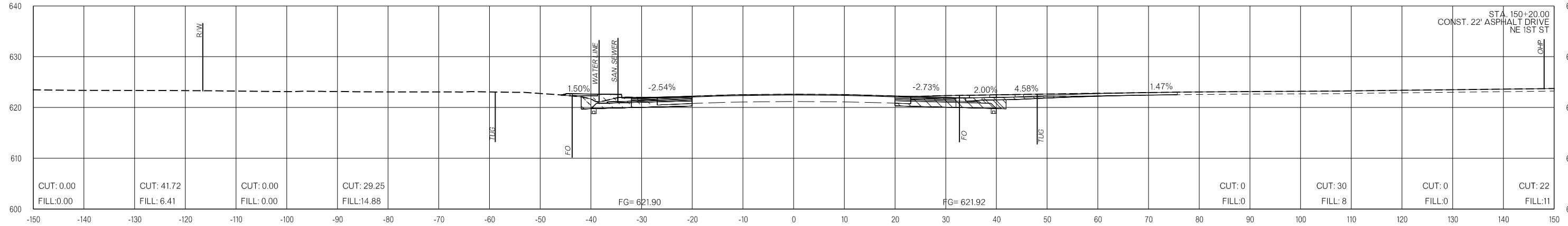
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FINAL FIELD MEETING
 26-JUN-2024

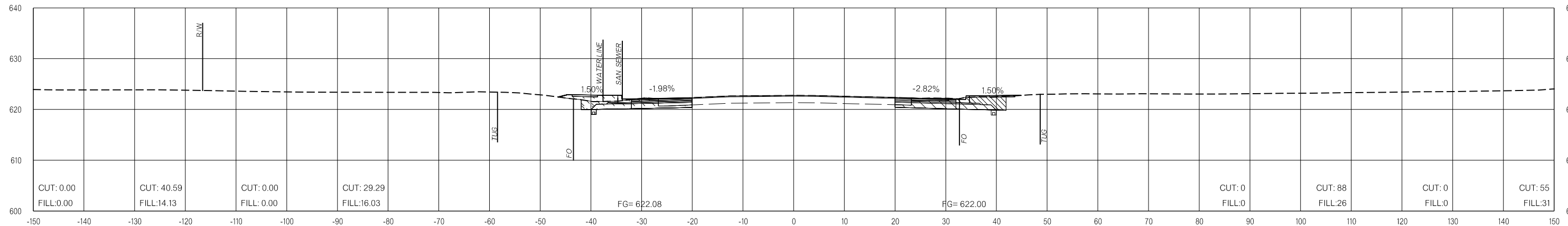
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VOLUMES (CY)

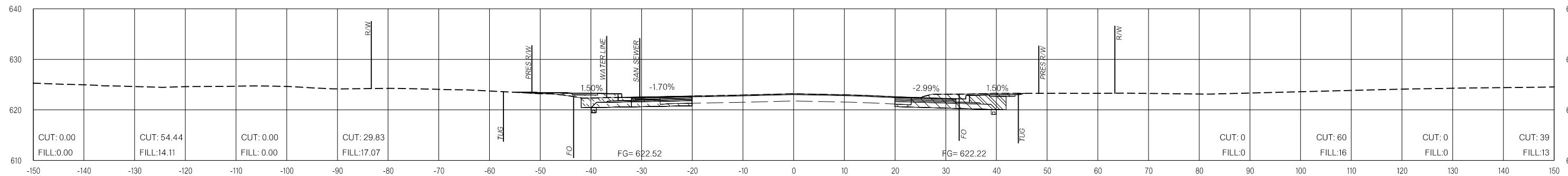
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



150+20.00



150+00.00



149+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04\CrossSections.dgn

US-69

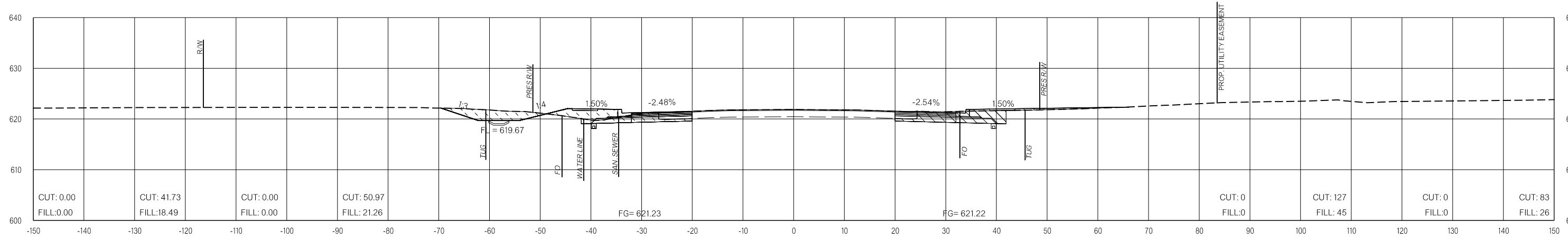
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FINAL FIELD MEETING
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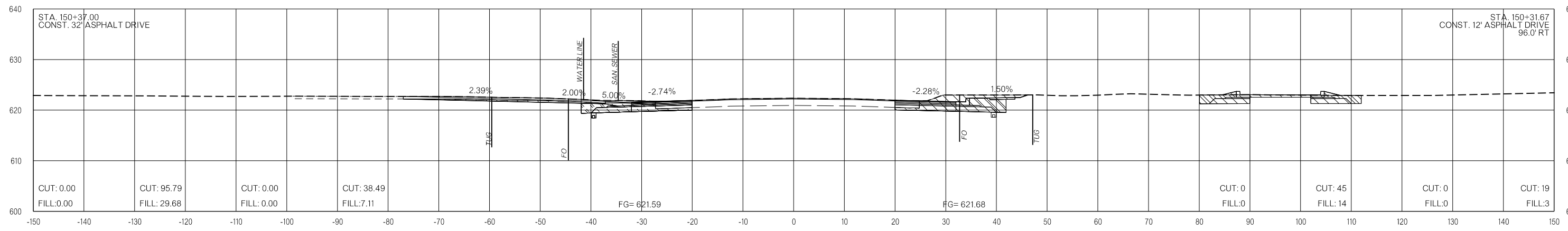
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VOLUMES (CY)

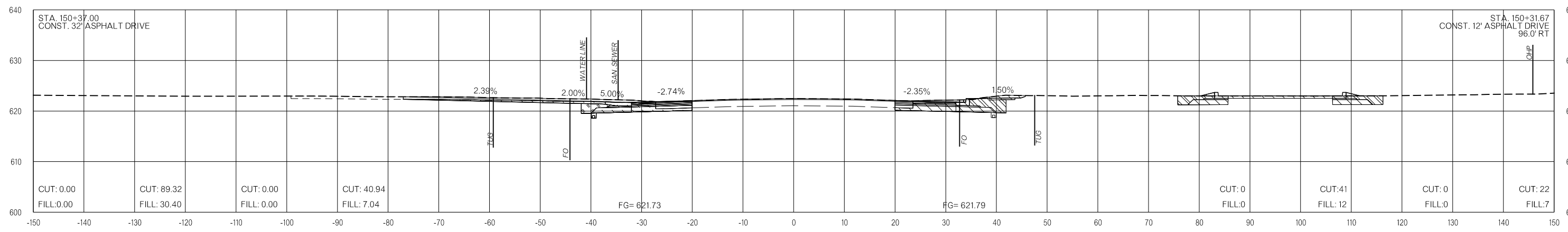
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



151+00.00



150+50.00



150+37.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/3041004-CrossSections.dgn

US-69

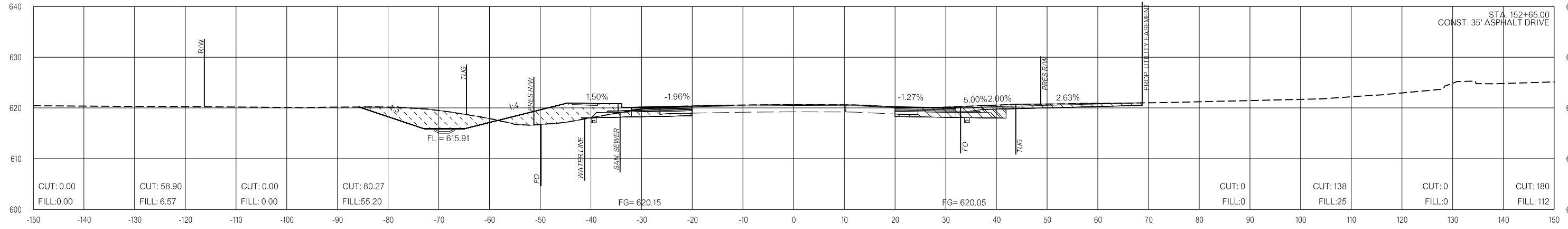
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**FINAL FIELD
MEETING**
26-JUN-2024

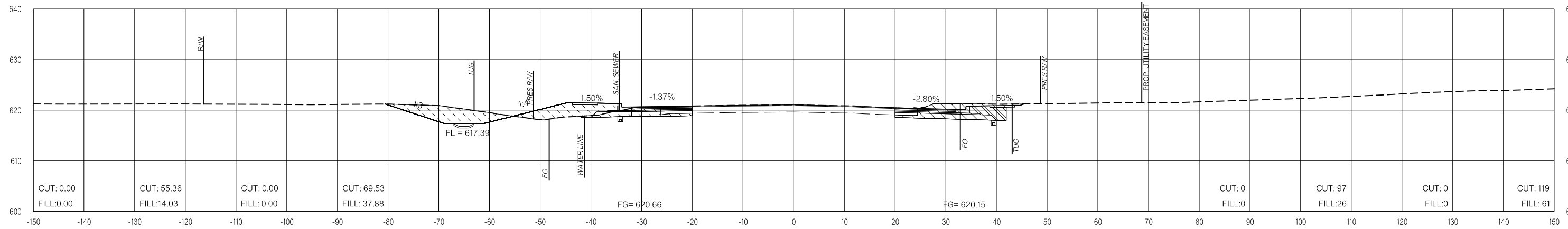
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VOLUMES (CY)

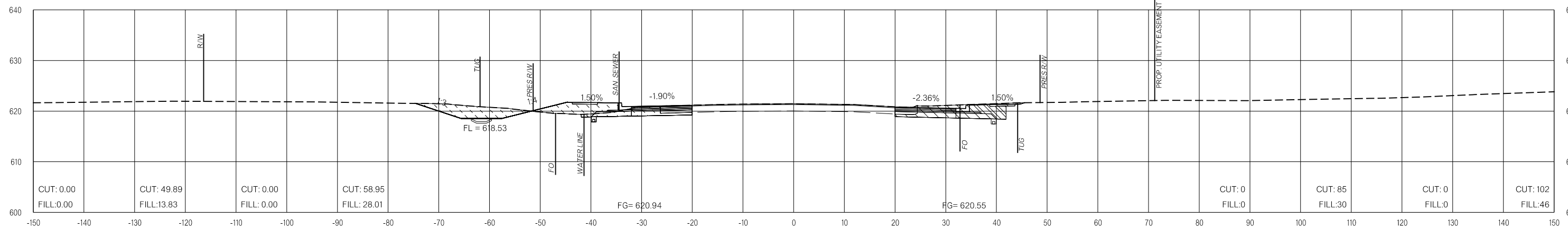
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



152+65.00



152+00.00



151+50.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

US-69

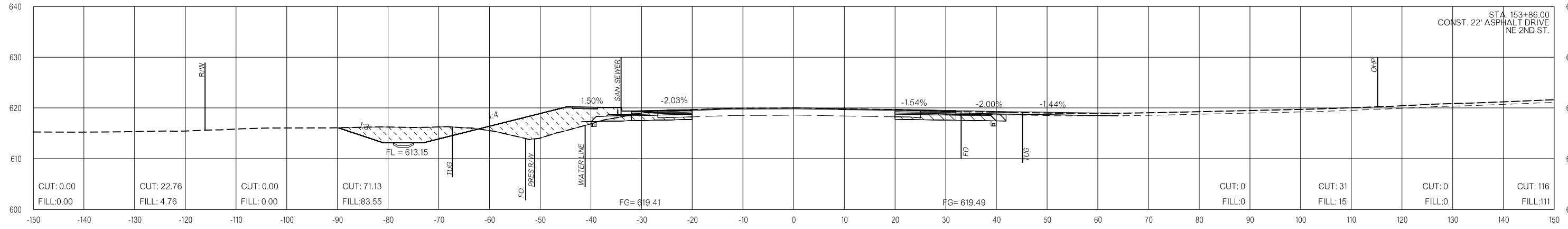
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FINAL FIELD MEETING
 26-JUN-2024

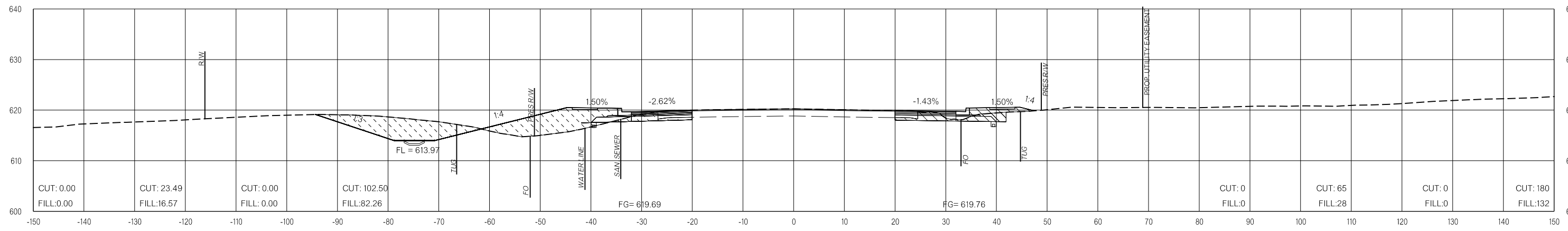
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VOLUMES (CY)

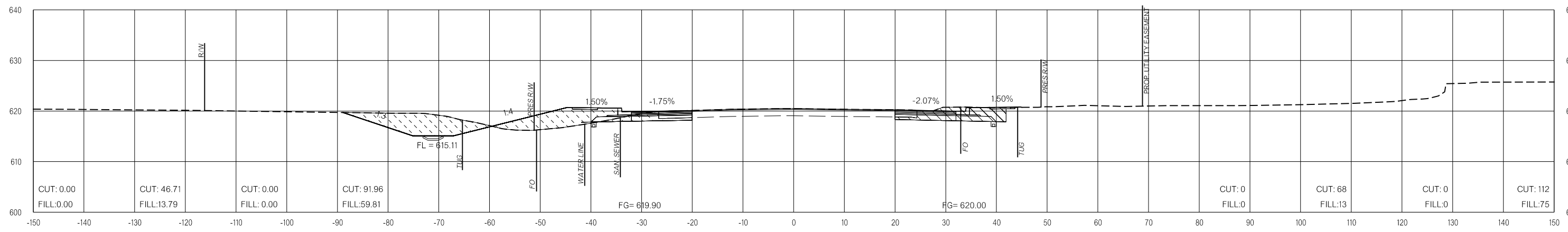
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



153+86.00



153+50.00



153+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

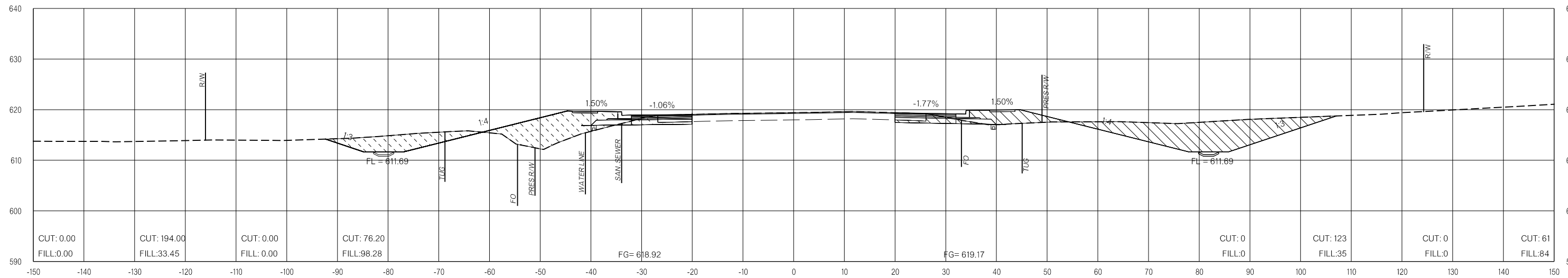
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FINAL FIELD MEETING
 26-JUN-2024

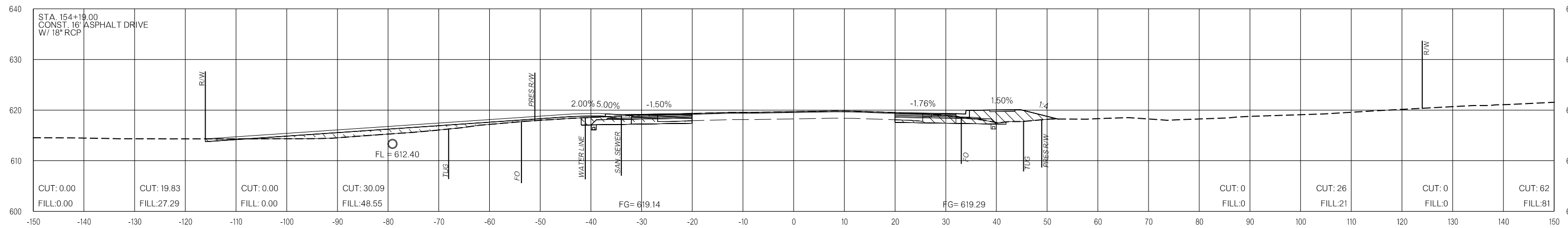
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



154+50.00



154+19.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

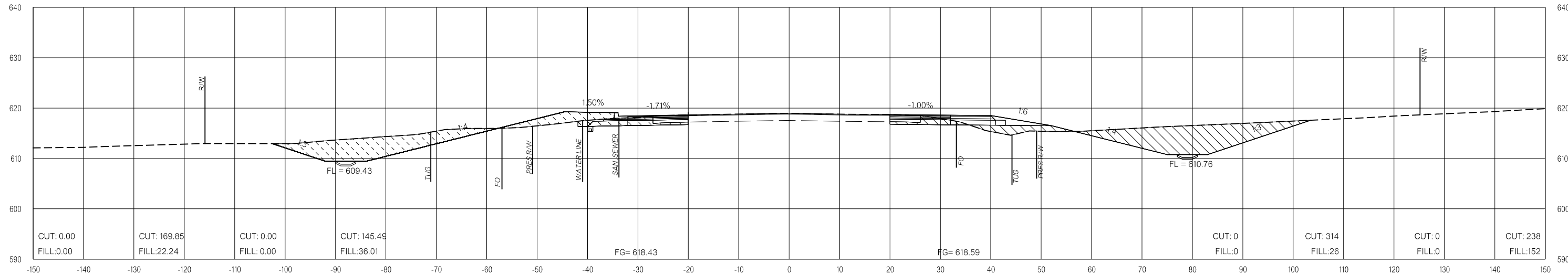
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PRE-CONSTRUCTION

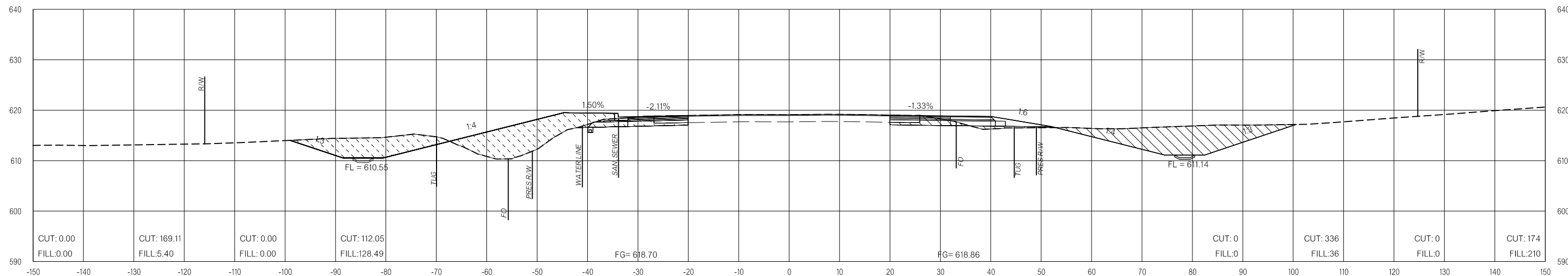
PHASE 1

PHASE 2

PHASE 3



155+50.00



155+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

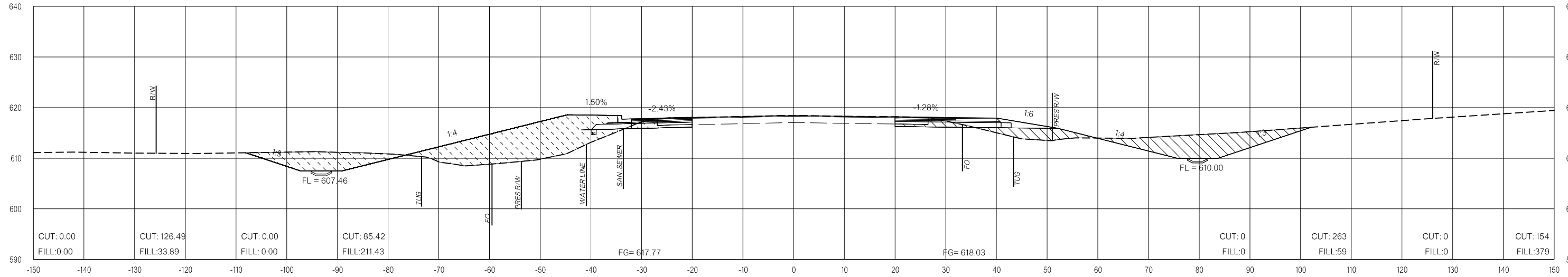
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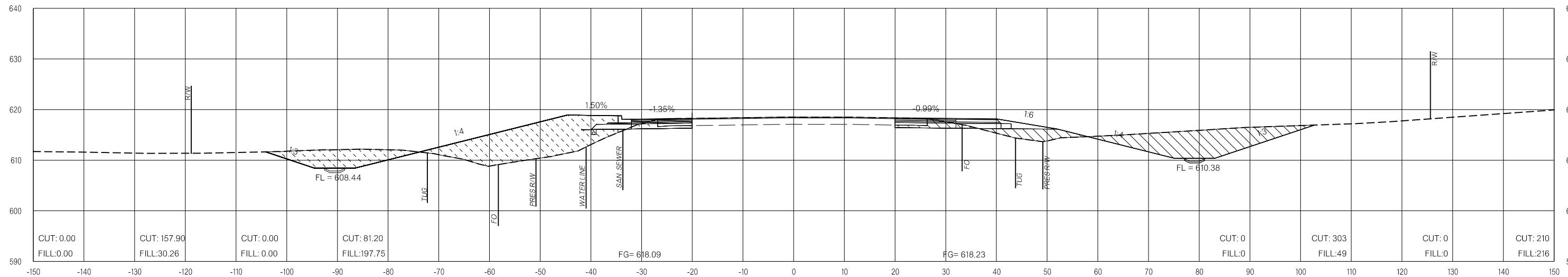
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



156+50.00



156+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

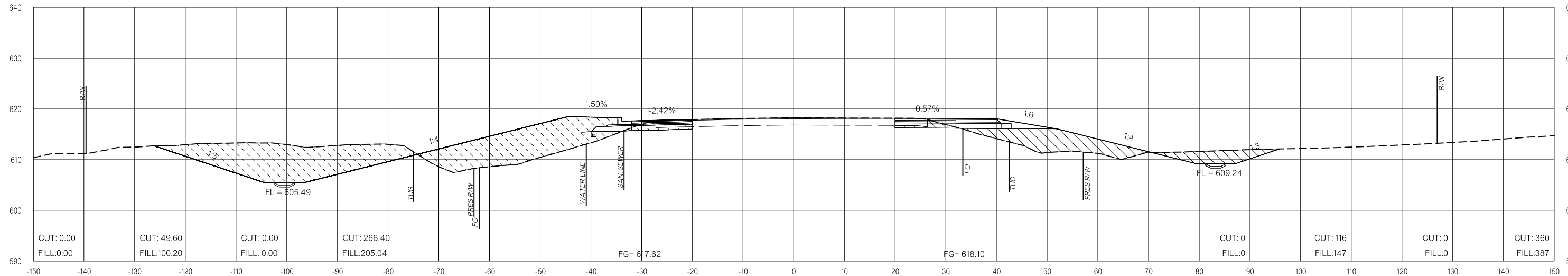
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 26-JUN-2024

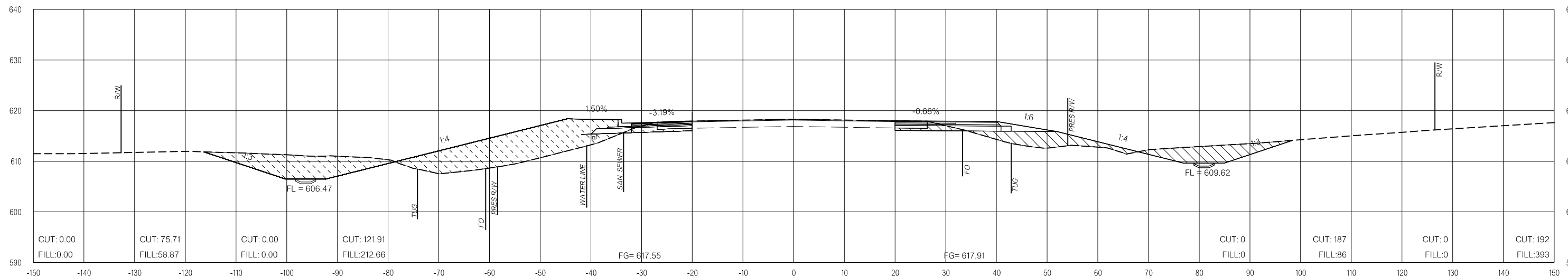
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



157+50.00



157+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

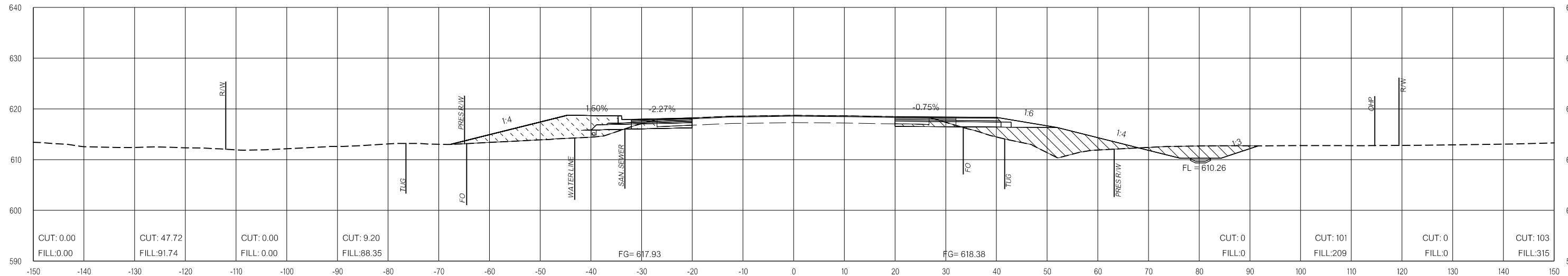
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**FINAL FIELD
MEETING**
26-JUN-2024

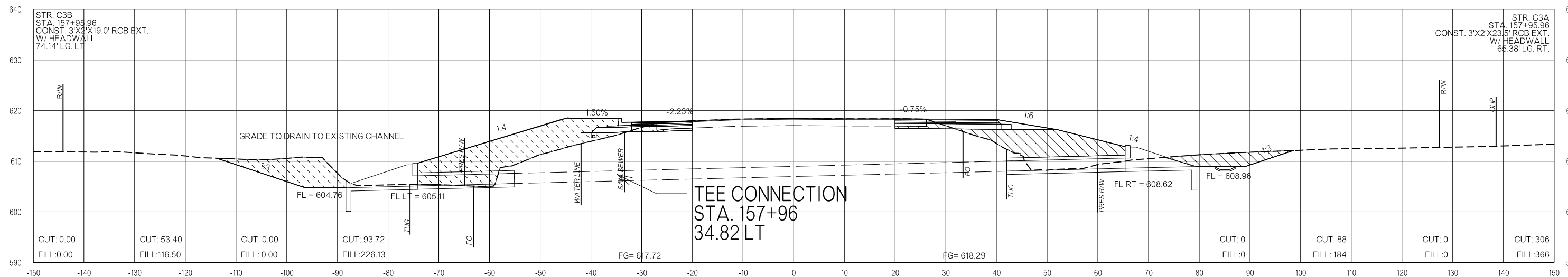
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



158+50.00



157+95.89

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

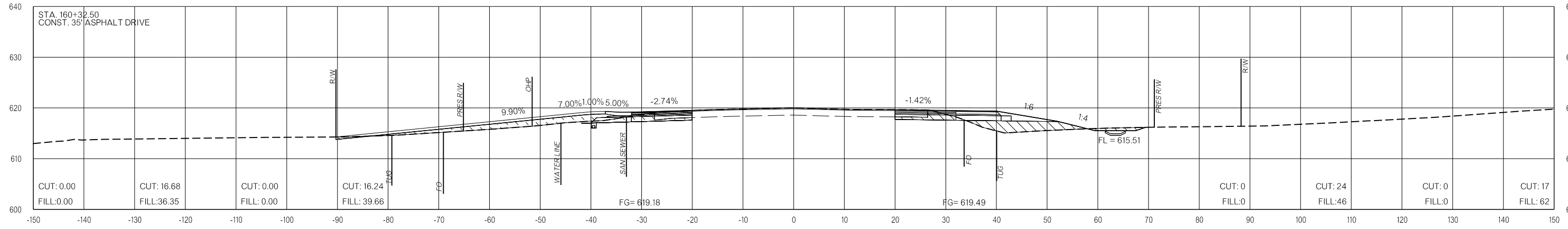
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26-JUN-2024

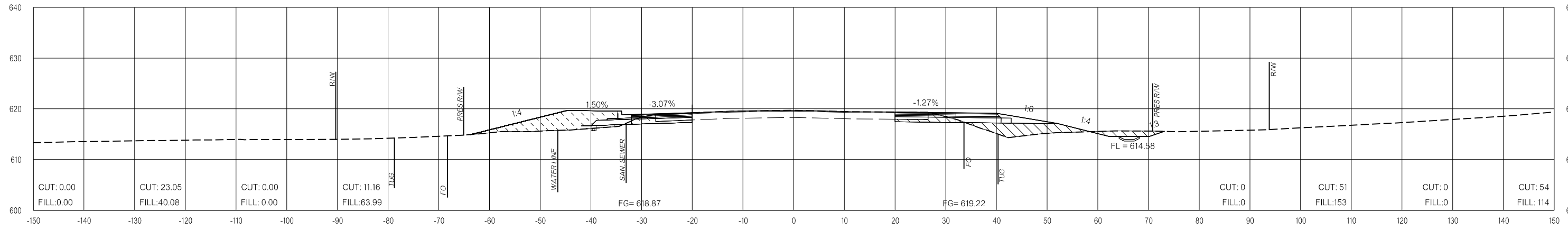
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VOLUMES (CY)

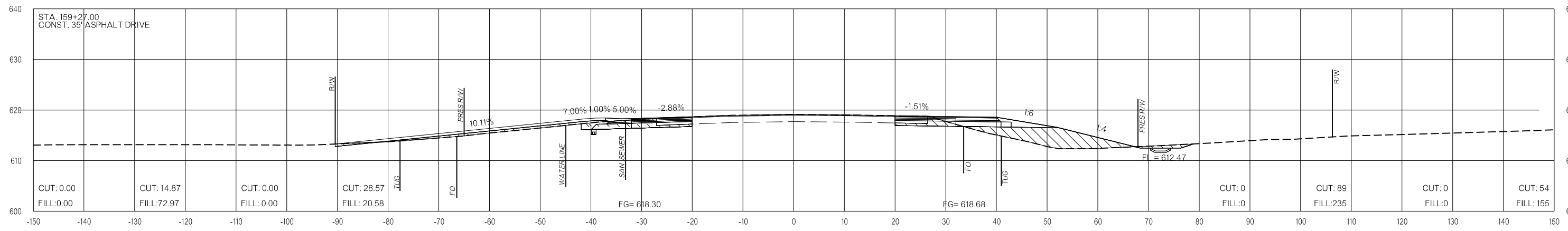
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160+32.50



160+00.00



159+27.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

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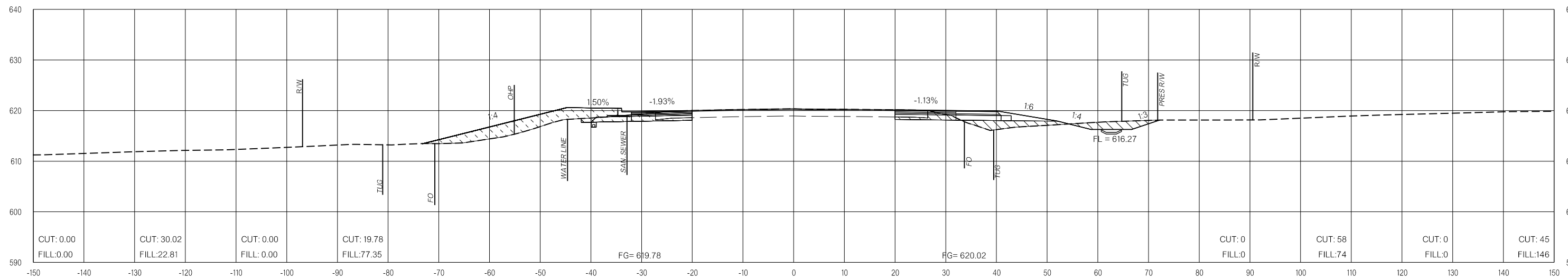
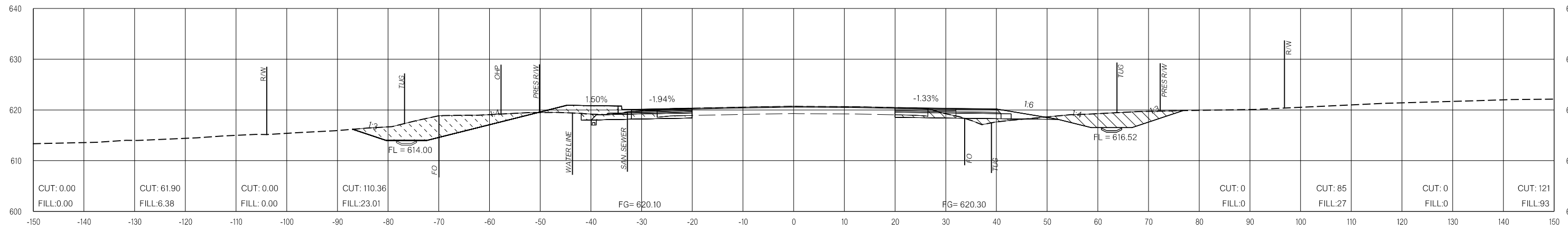
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

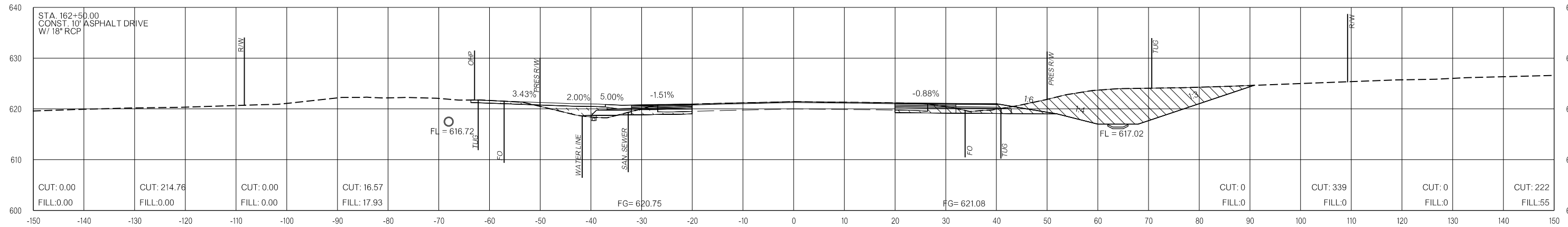
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 MEETING**
 26-JUN-2024

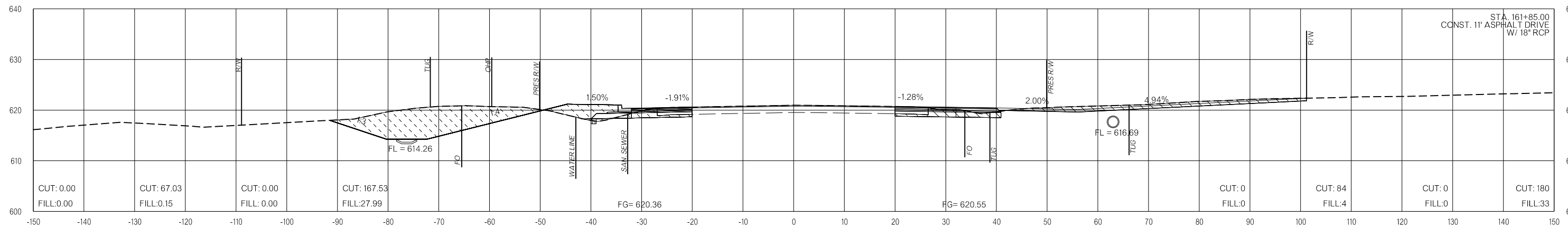
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



162+50.00



161+85.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

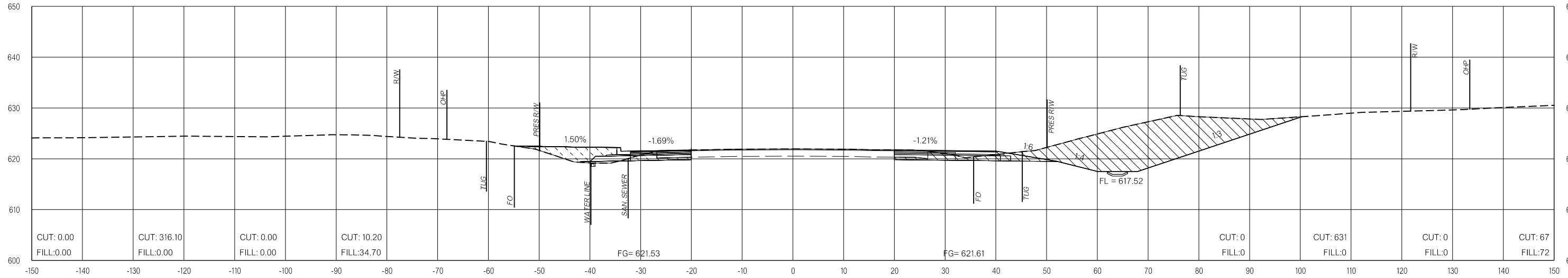
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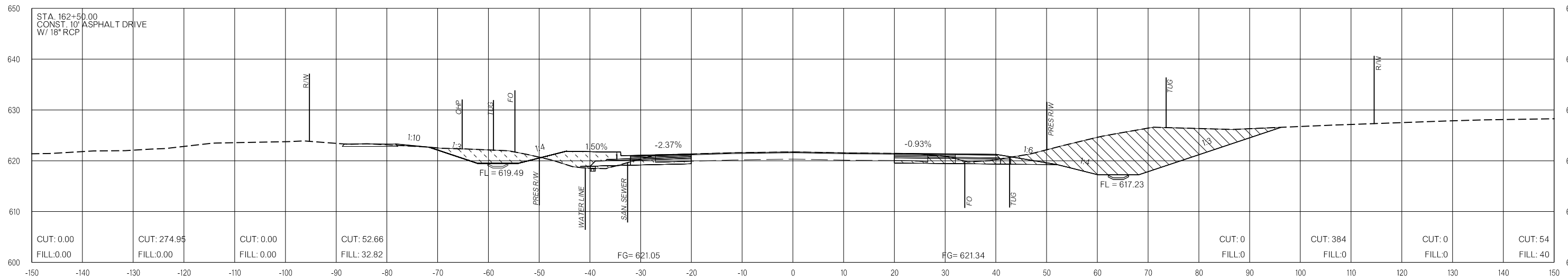
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



163+50.00



162+92.38

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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US-69

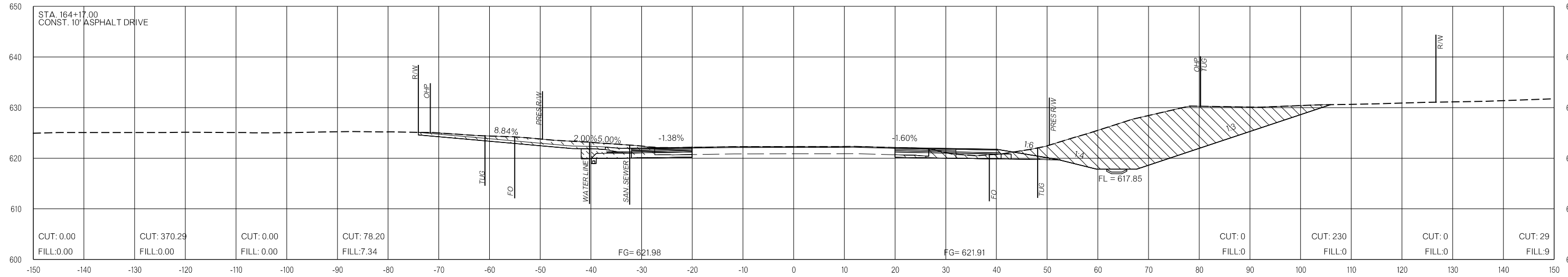
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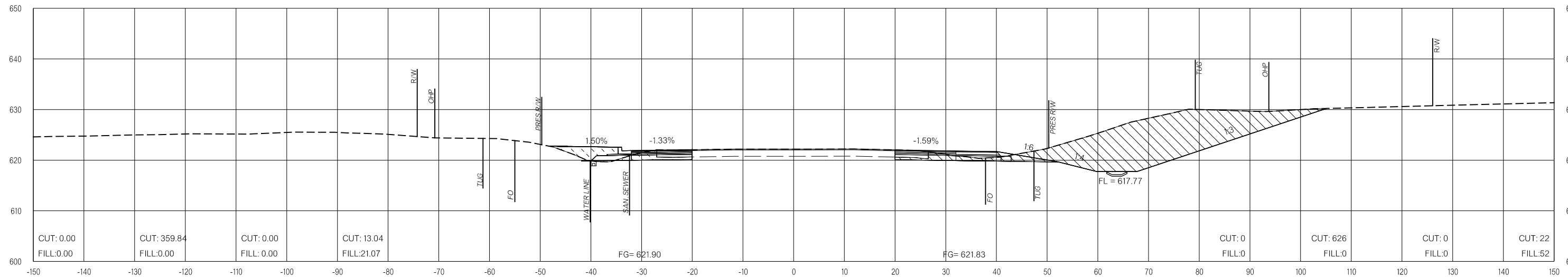
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



164+17.00



164+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

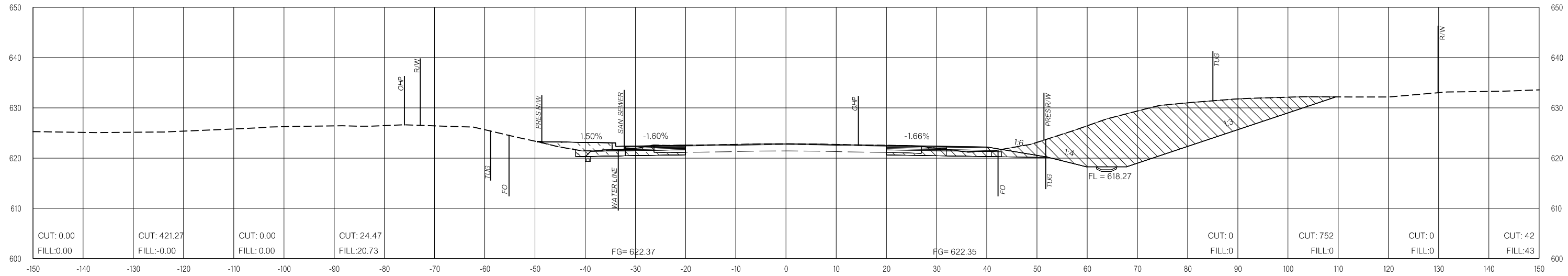
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PRE-CONSTRUCTION

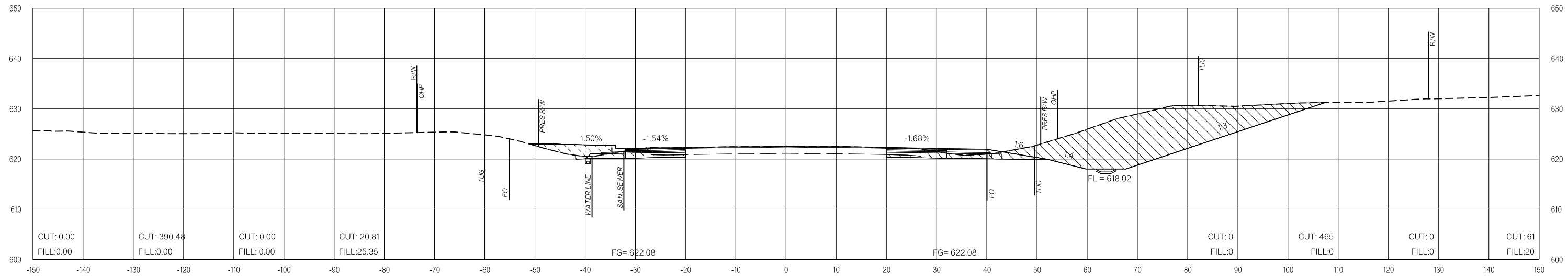
PHASE 1

PHASE 2

PHASE 3



165+00.00



164+50.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

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US-69

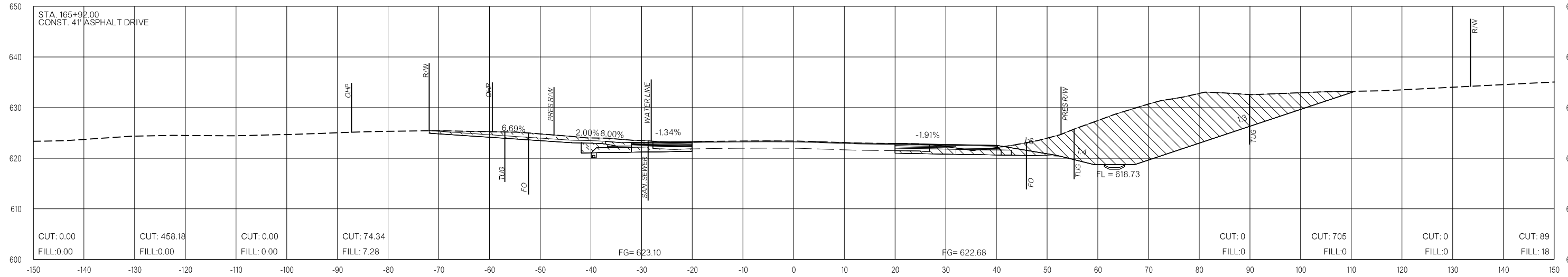
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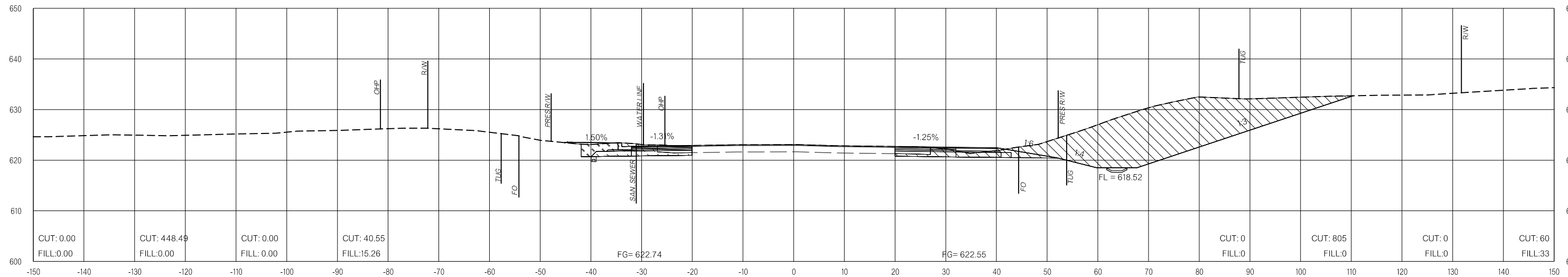
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



165+92.00



165+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

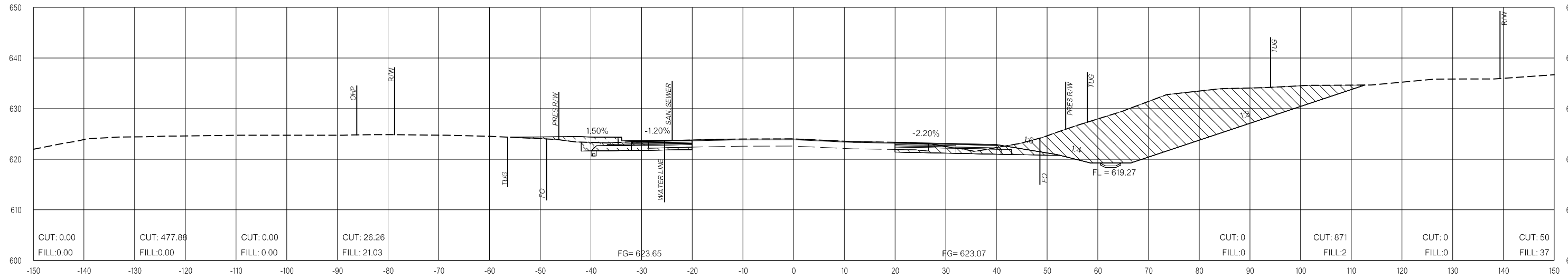
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 26-JUN-2024

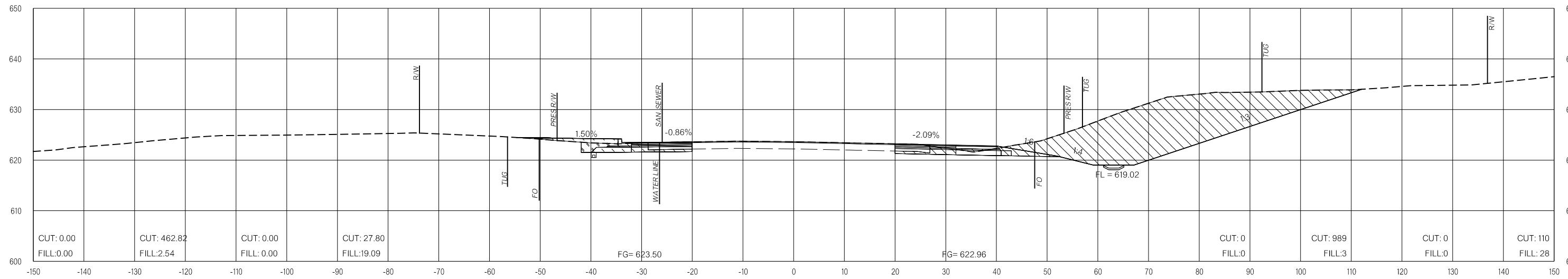
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



167+00.00



166+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

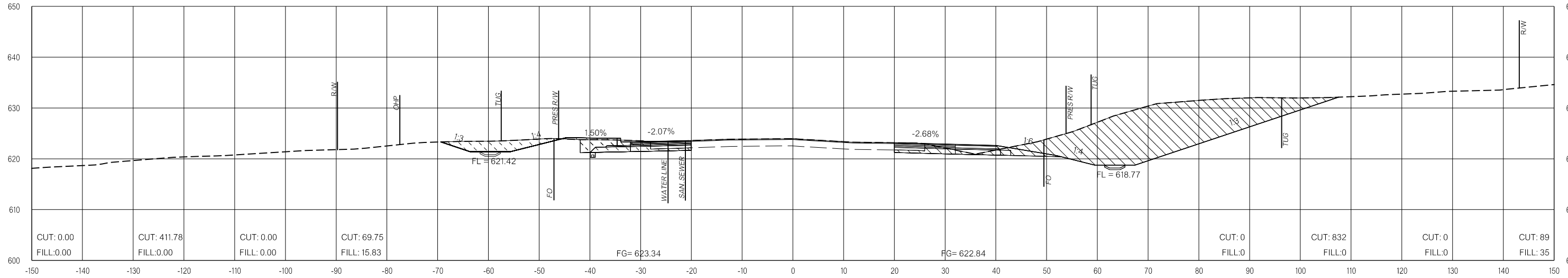
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 26-JUN-2024

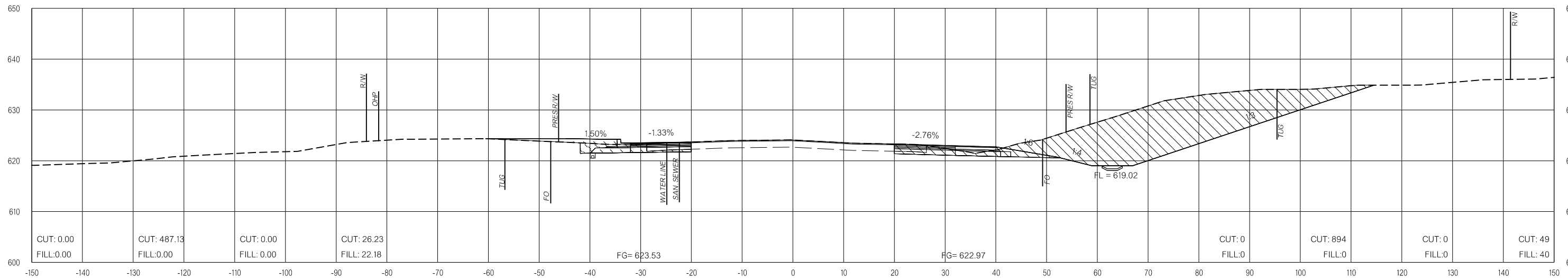
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



168+00.00



167+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int.hmb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

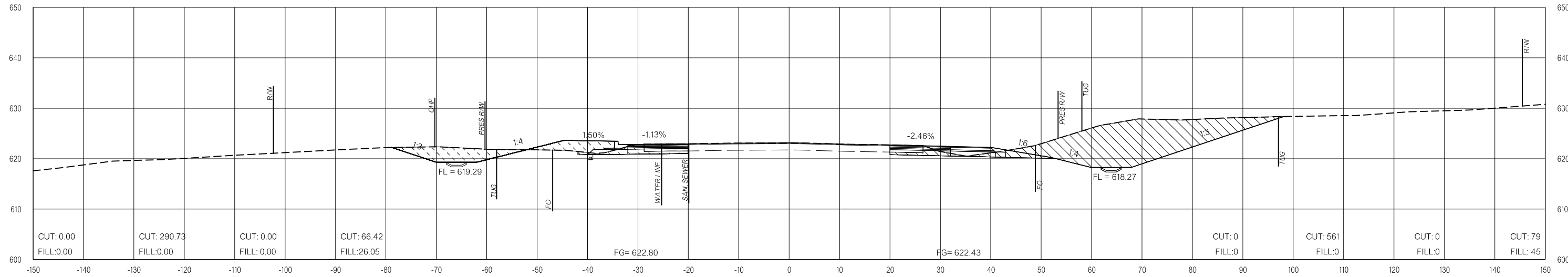
PHASE 3

PRE-CONSTRUCTION

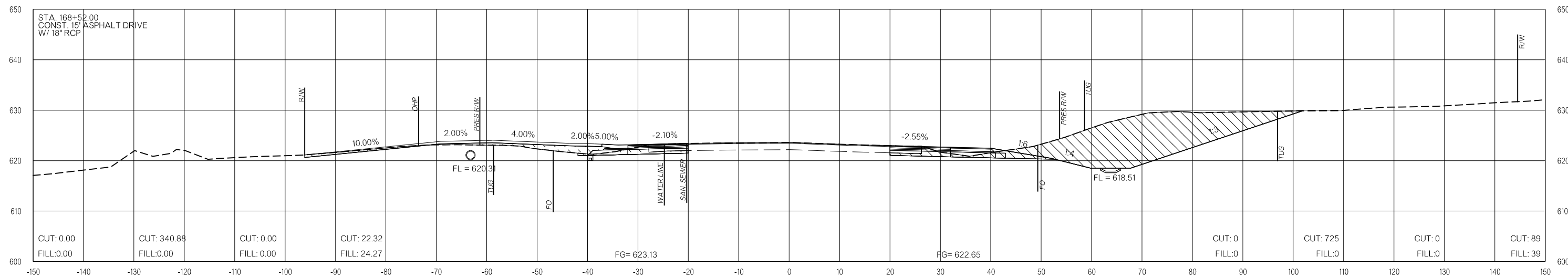
PHASE 1

PHASE 2

PHASE 3



169+00.00



168+52.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

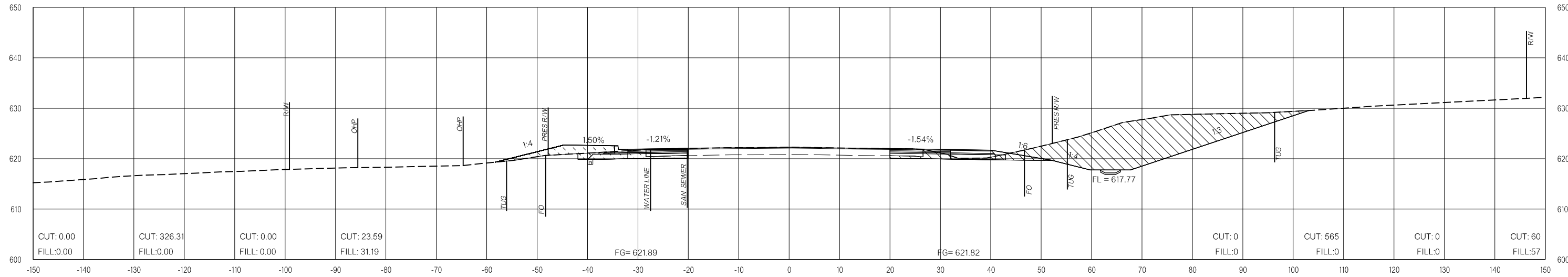
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PRE-CONSTRUCTION

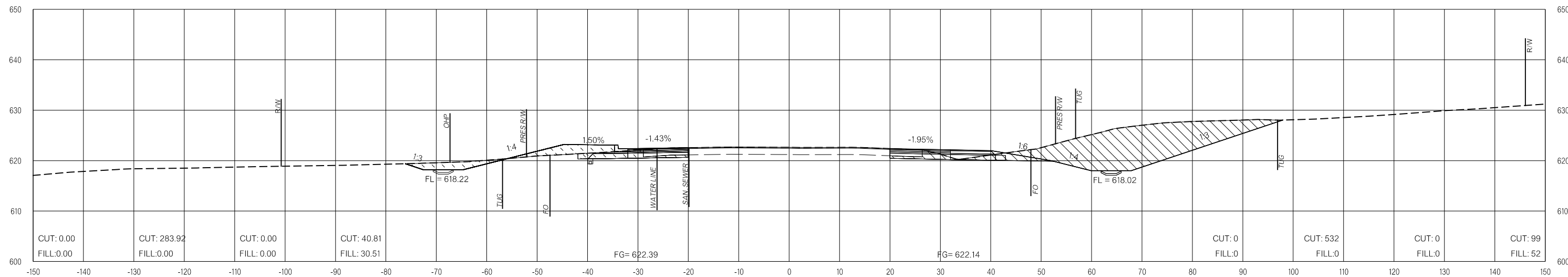
PHASE 1

PHASE 2

PHASE 3



170+00.00



169+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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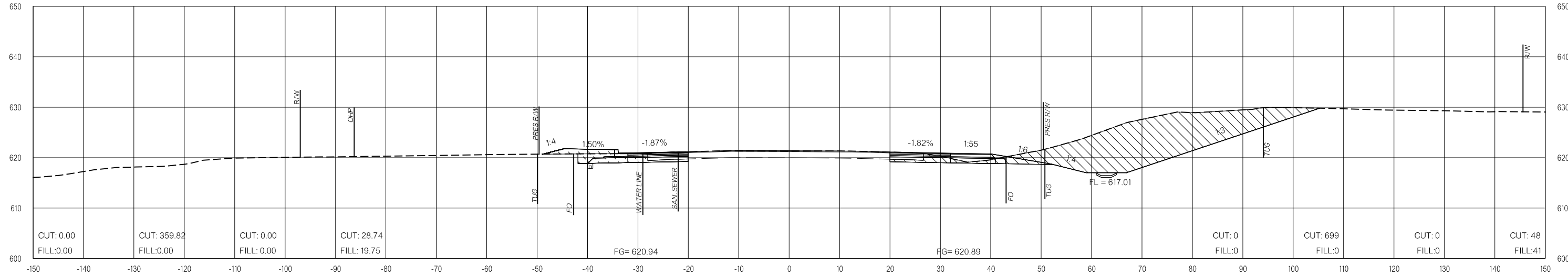
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FINAL FIELD MEETING
 26-JUN-2024

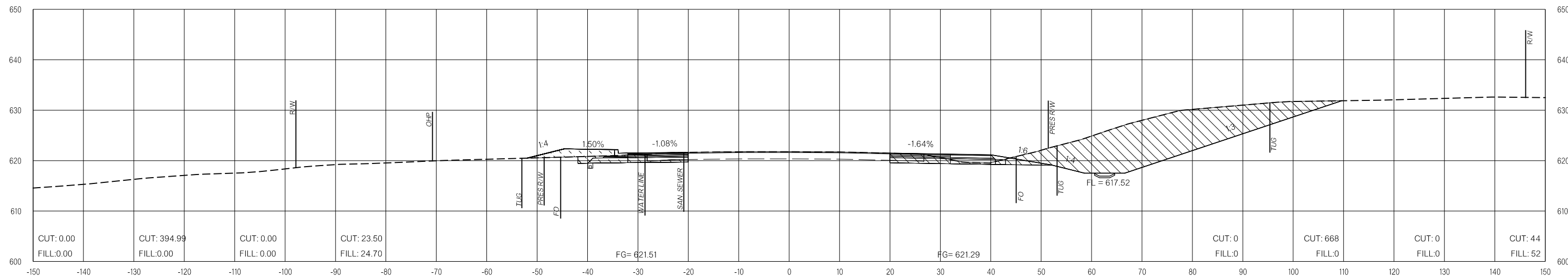
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



171+00.00



170+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004-CrossSections.dgn

US-69

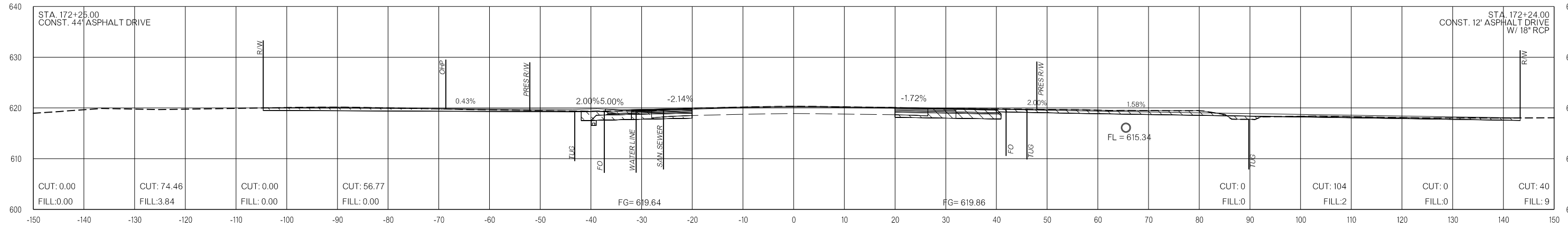
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**FINAL FIELD
MEETING**
26-JUN-2024

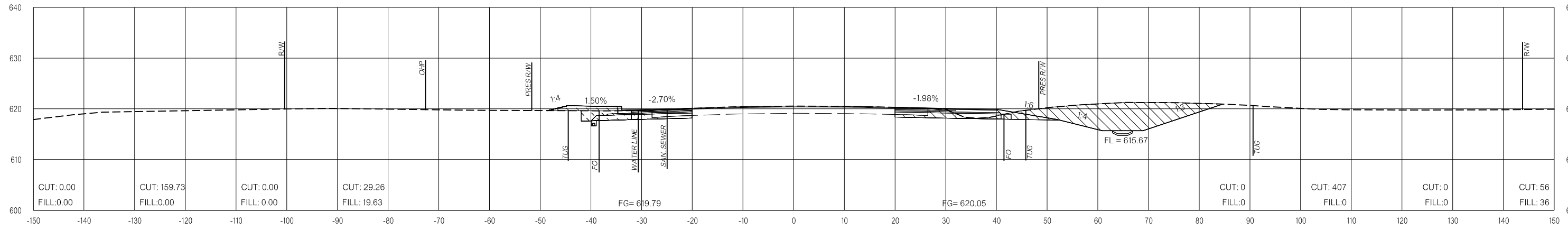
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VOLUMES (CY)

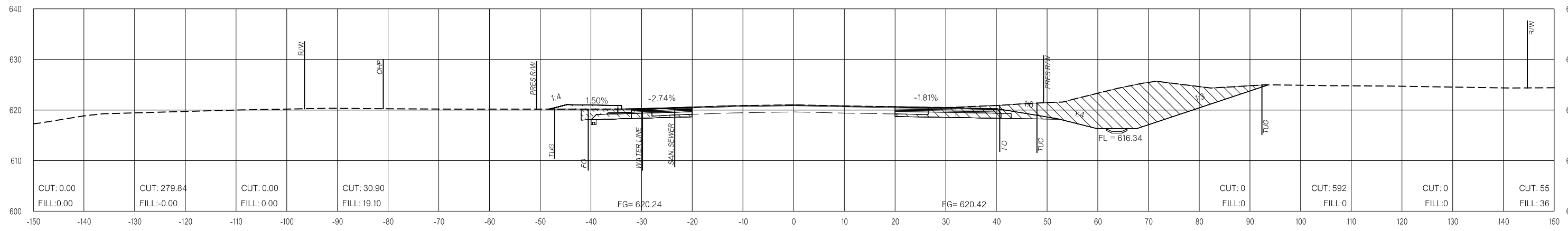
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



172+25.00



172+00.00



171+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/3041004-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

PHASE 3

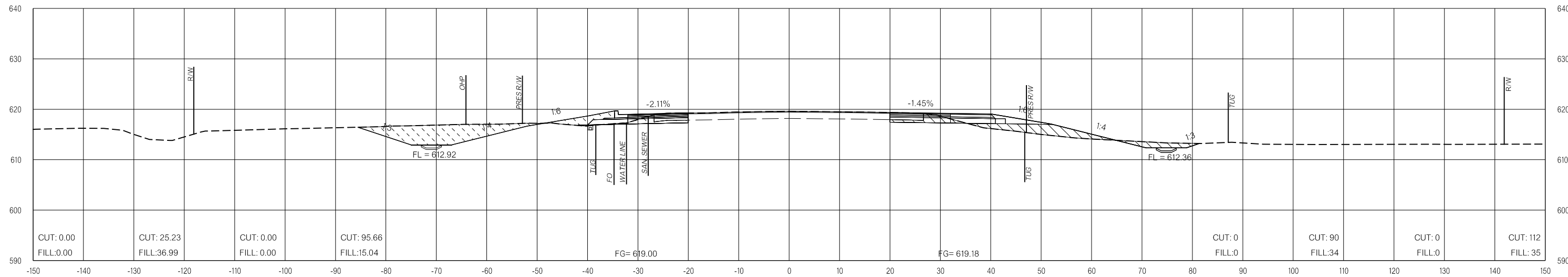
PRE-CONSTRUCTION

PHASE 1

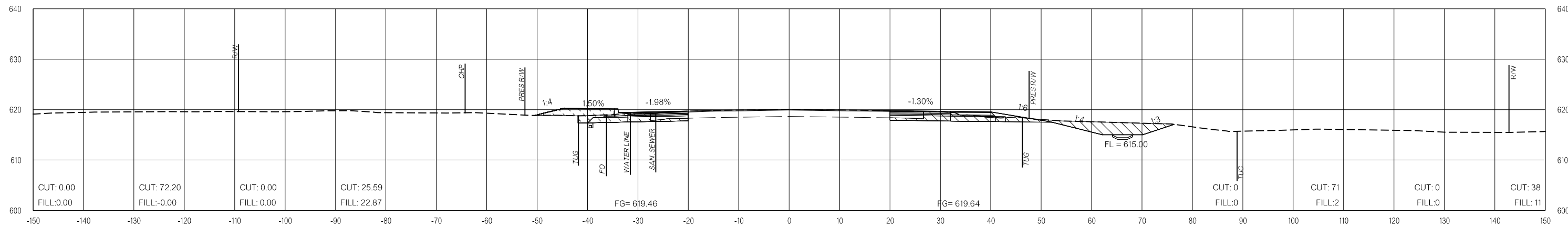
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PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



173+00.00



172+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

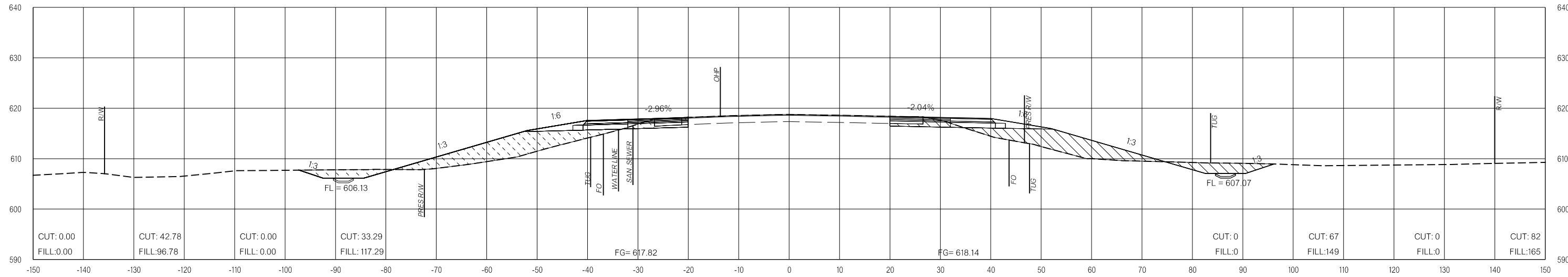
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PRE-CONSTRUCTION

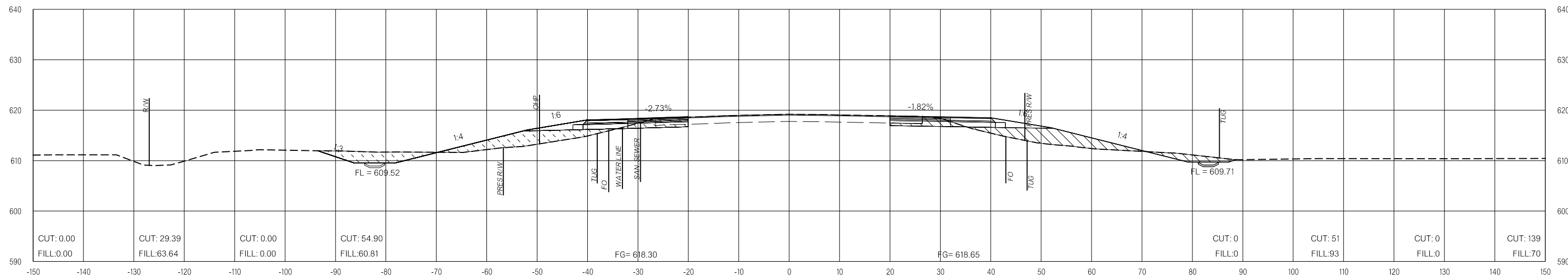
PHASE 1

PHASE 2

PHASE 3



174+00.00



173+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

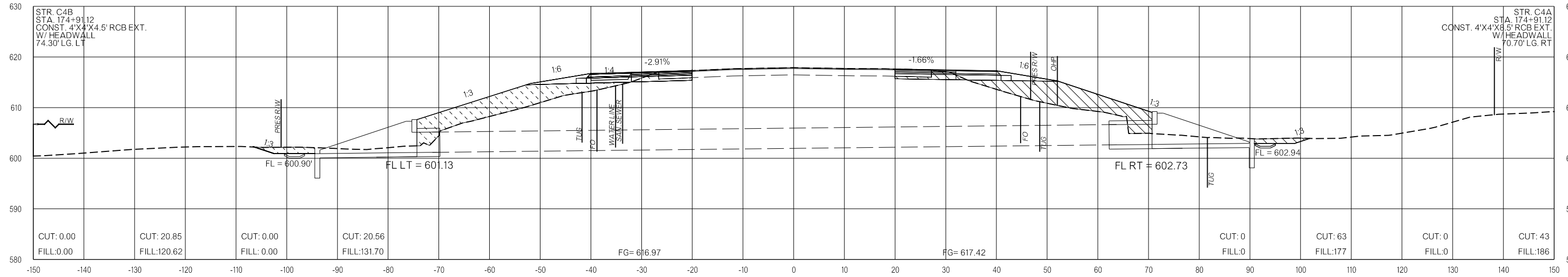
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FINAL FIELD MEETING
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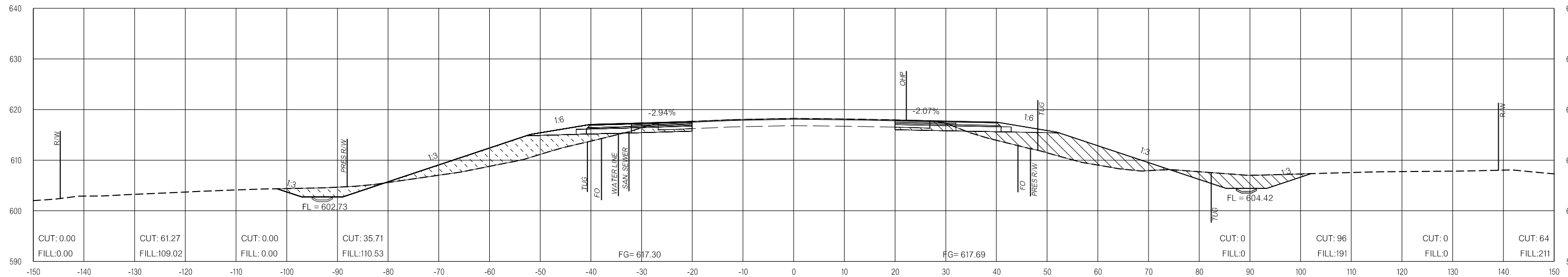
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



174+91.54



174+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

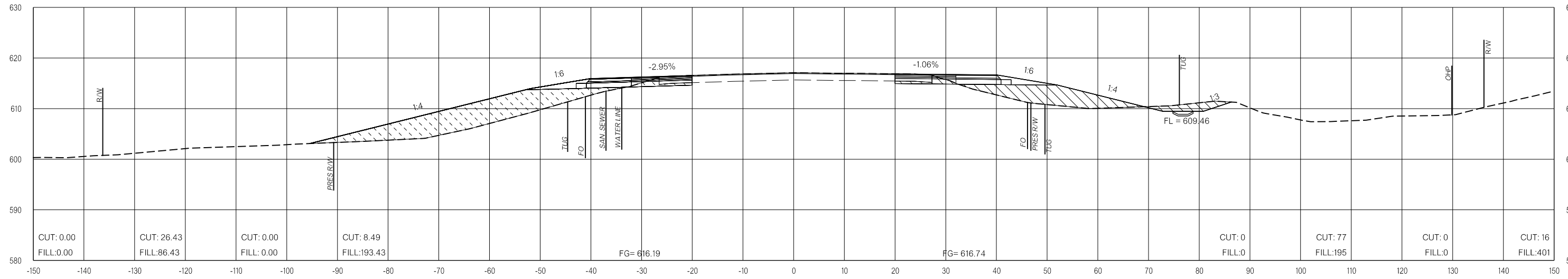
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 26-JUN-2024

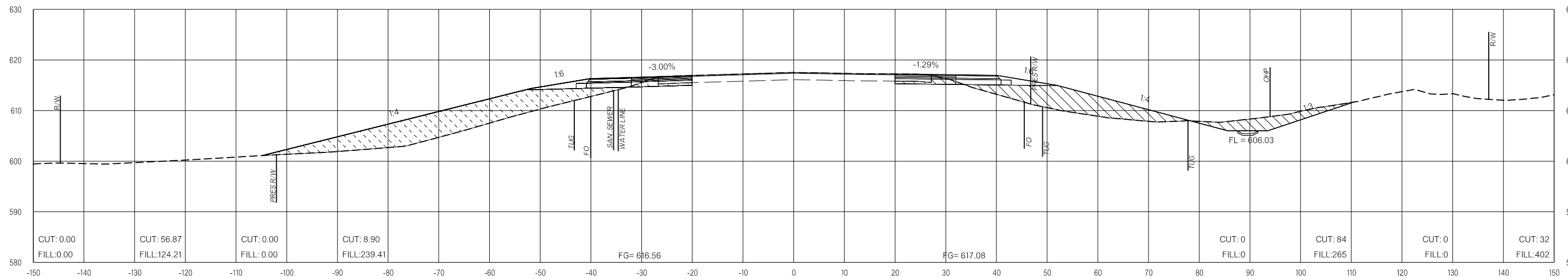
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



176+00.00



175+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

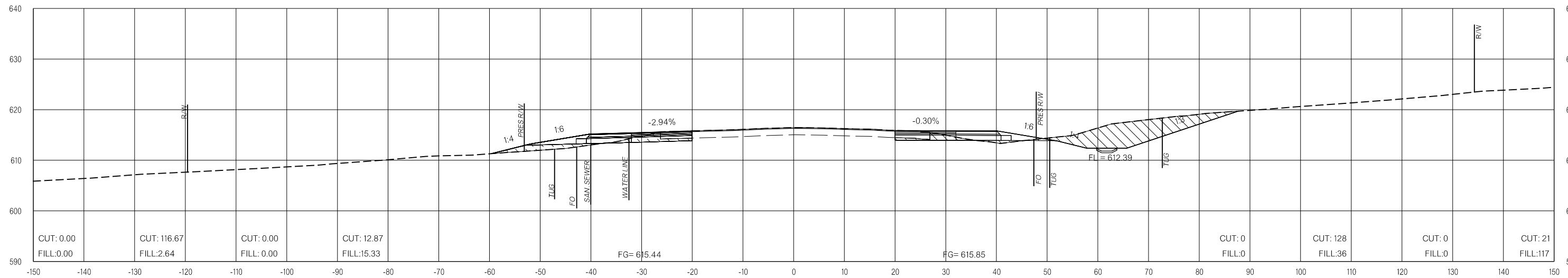
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**FINAL FIELD
 MEETING**
 26-JUN-2024

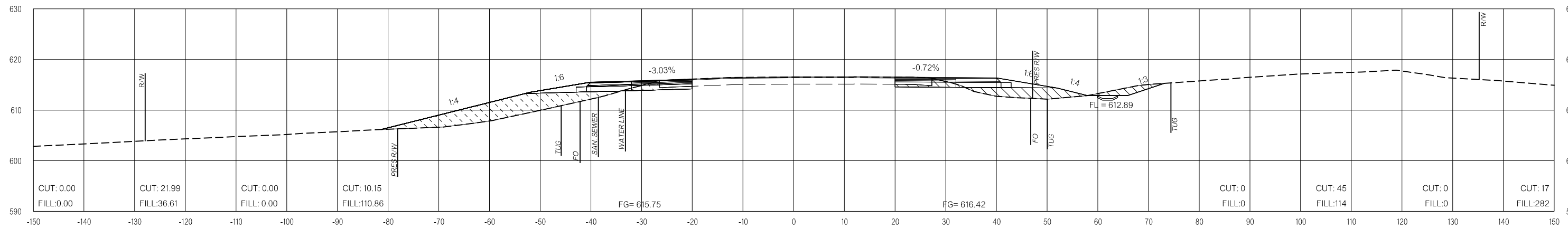
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



177+00.00



176+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn

US-69

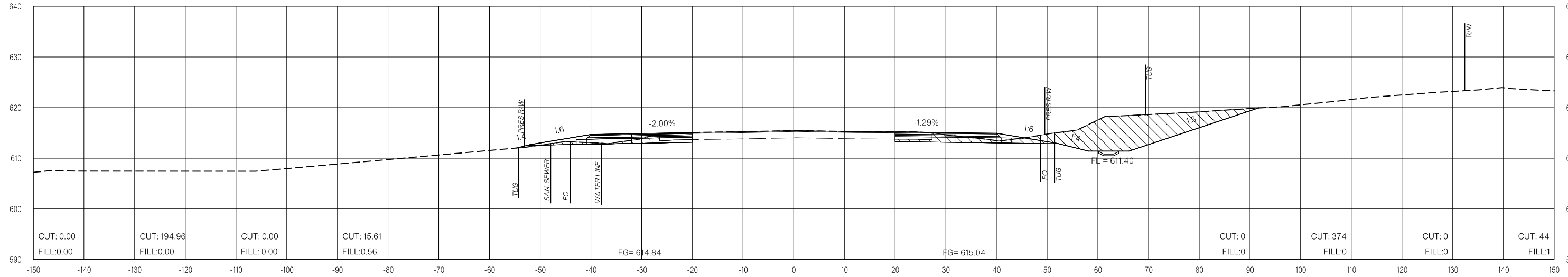
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FINAL FIELD MEETING
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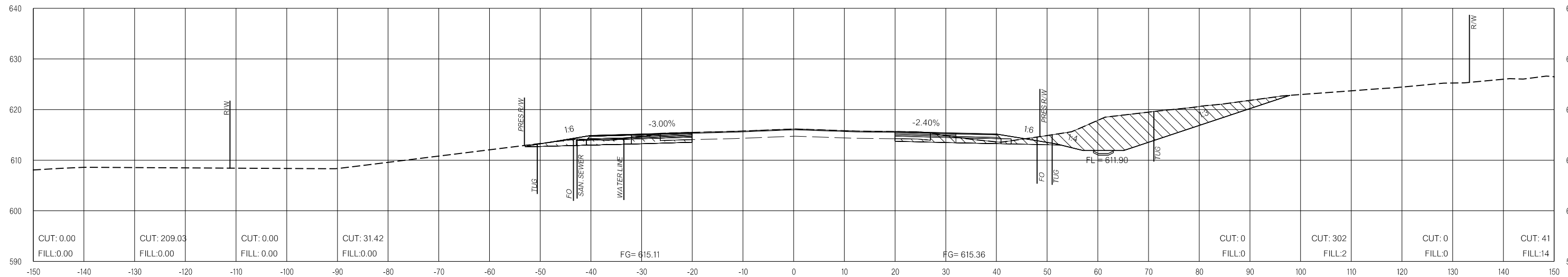
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



178+00.00



177+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/3041004-CrossSections.dgn

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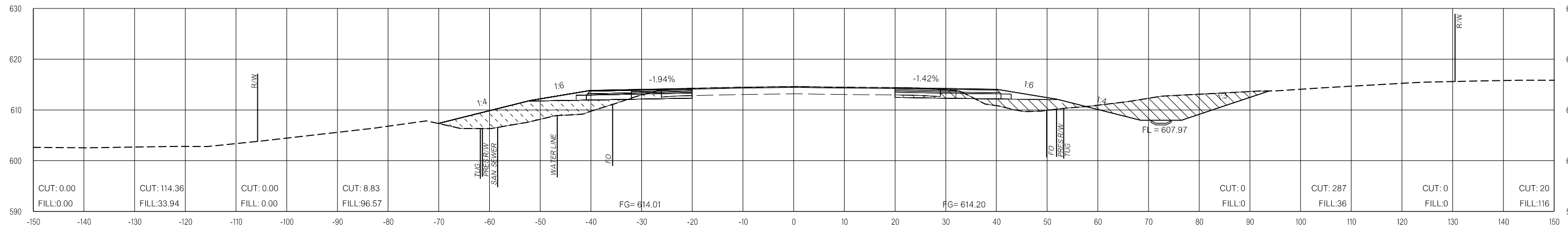
OKLAHOMA DEPARTMENT OF TRANSPORTATION
**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

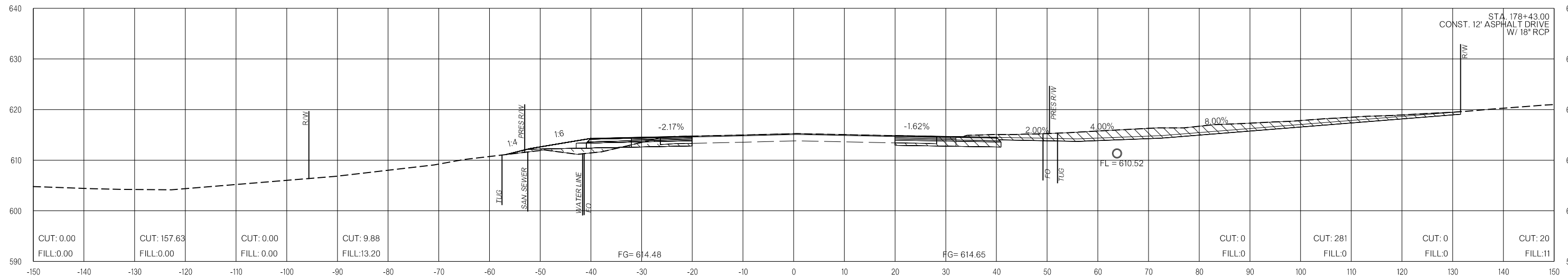
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PW/CentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



179+00.00



178+43.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

US-69

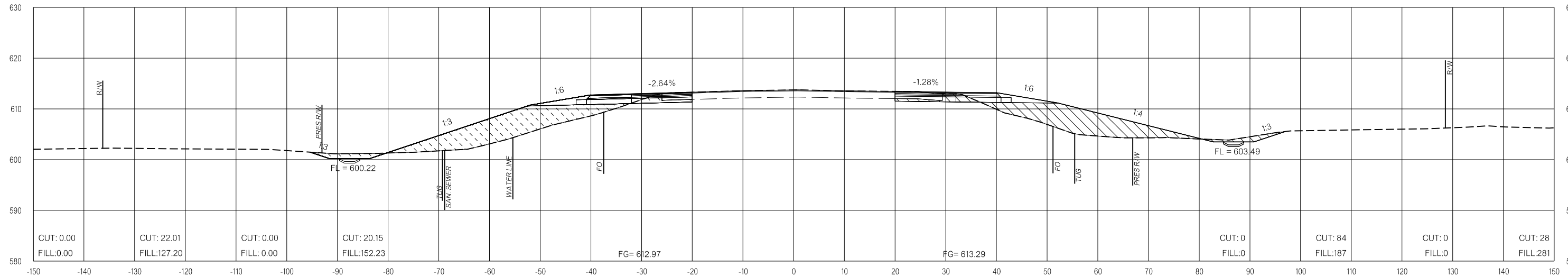
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FINAL FIELD MEETING
 26-JUN-2024

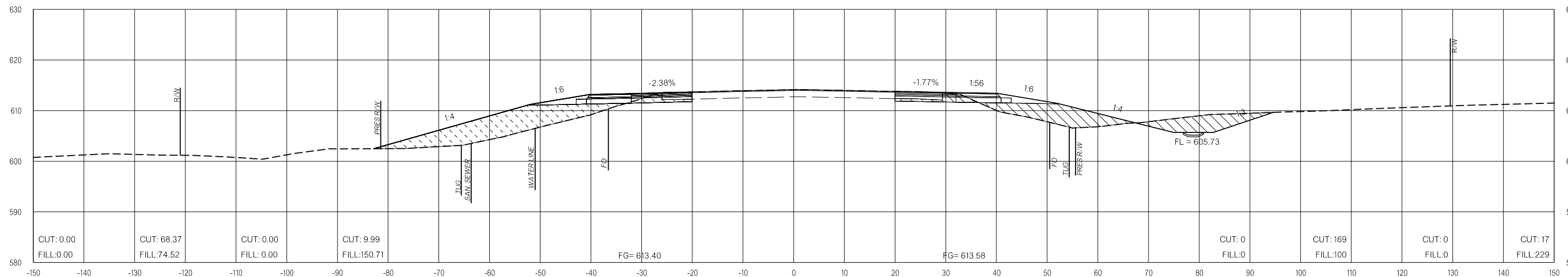
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



180+00.00



179+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

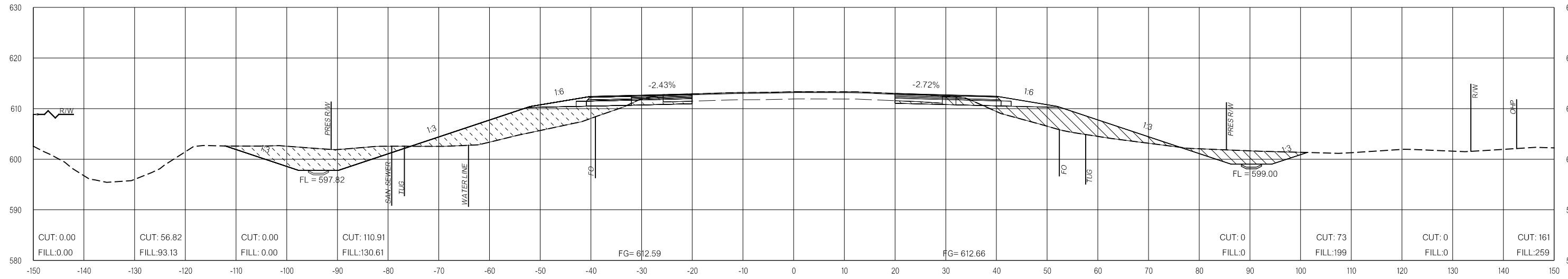
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FINAL FIELD MEETING
 26-JUN-2024

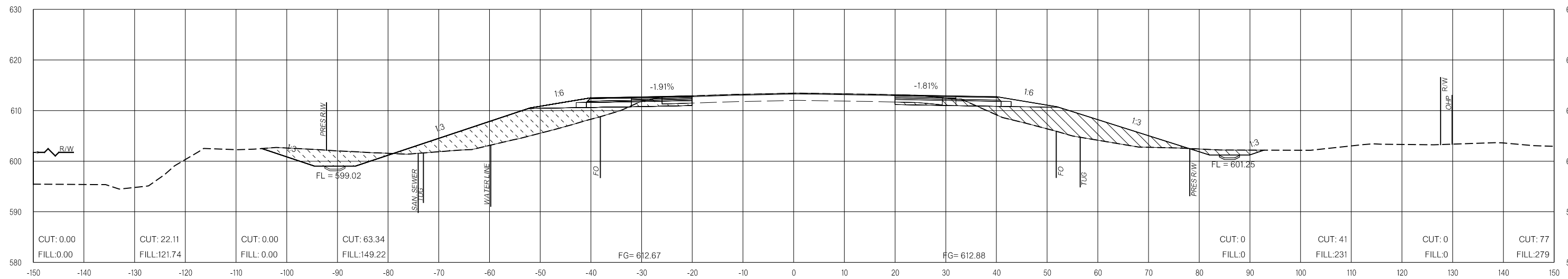
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



181+00.00



180+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/3041004-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

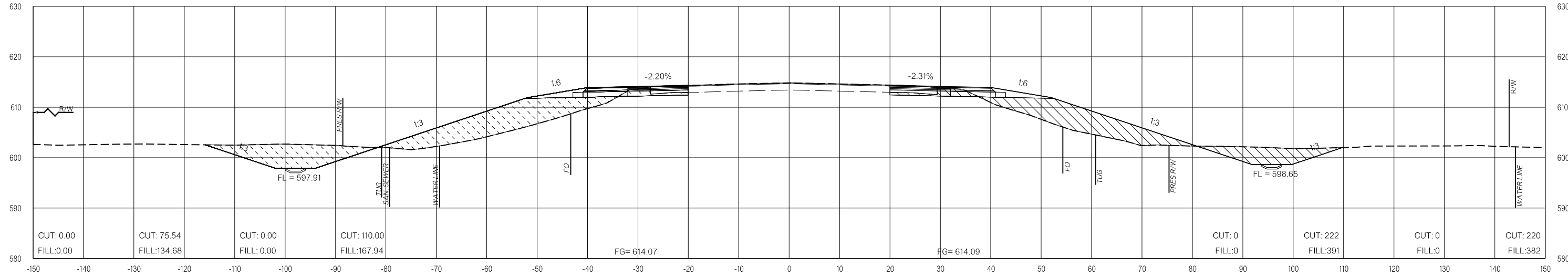
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PRE-CONSTRUCTION

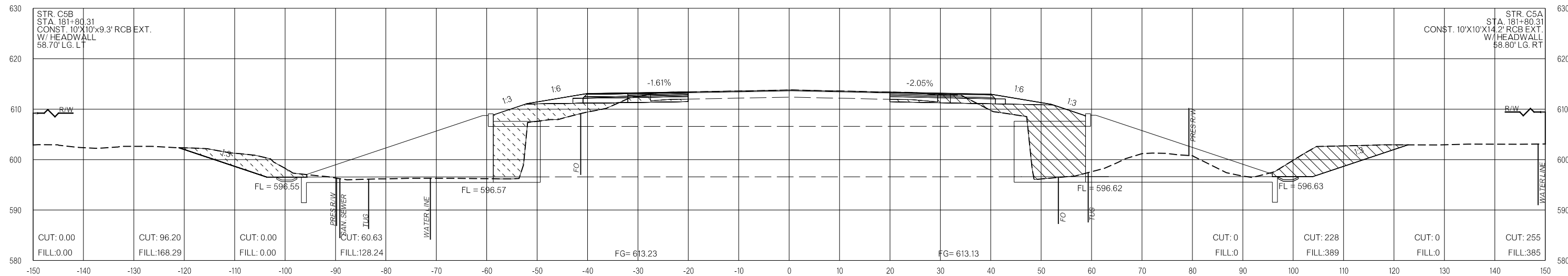
PHASE 1

PHASE 2

PHASE 3



182+50.00



181+80.31

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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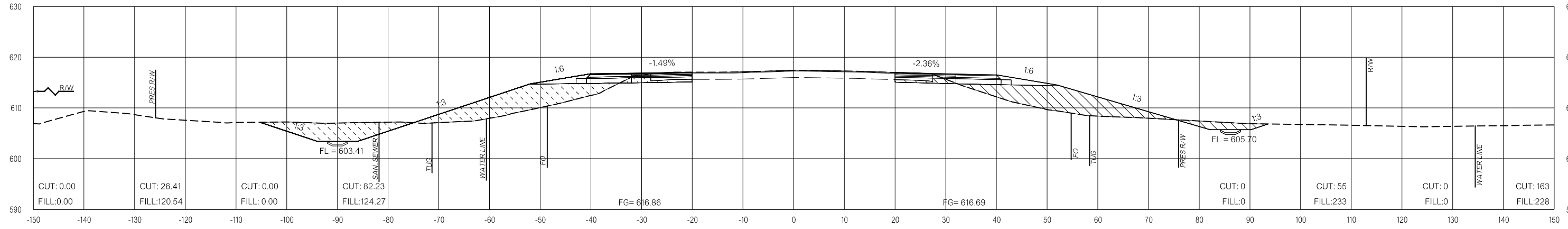
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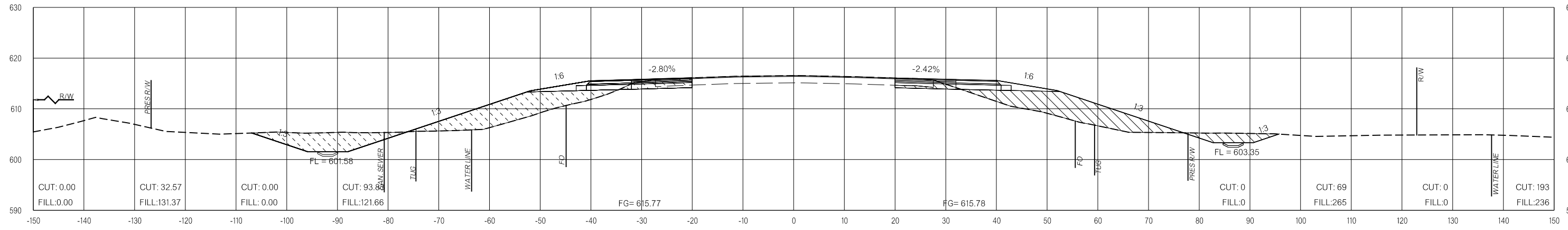
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VOLUMES (CY)

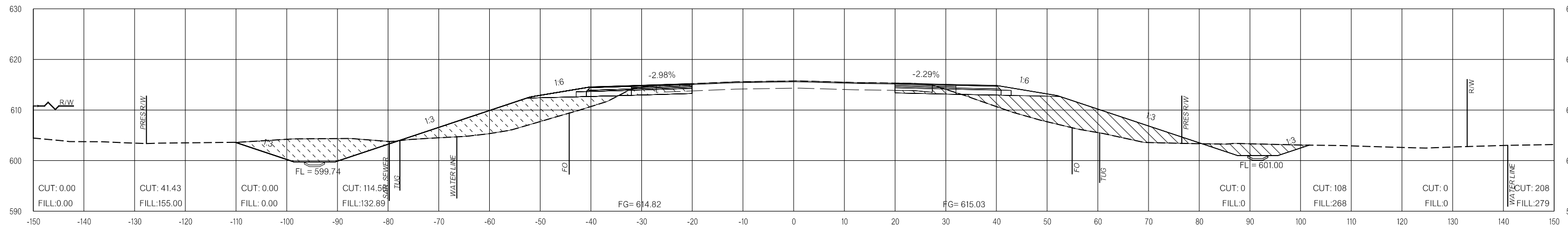
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



184+00.00



183+50.00



183+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

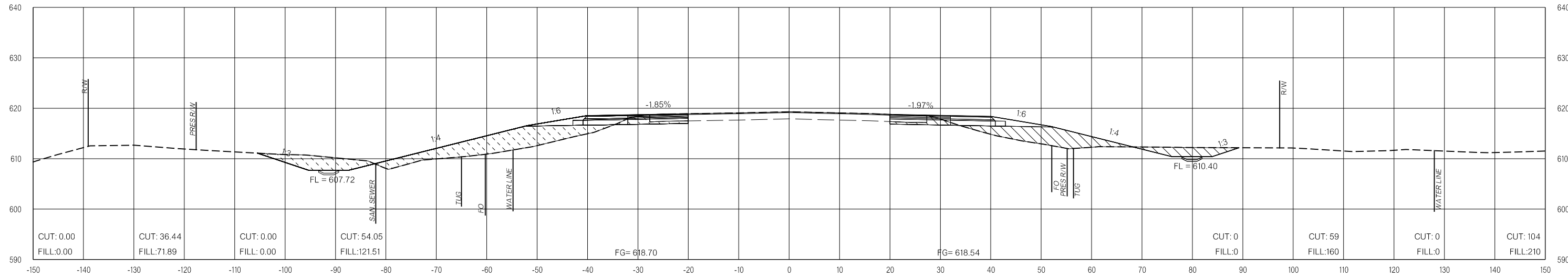
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PRE-CONSTRUCTION

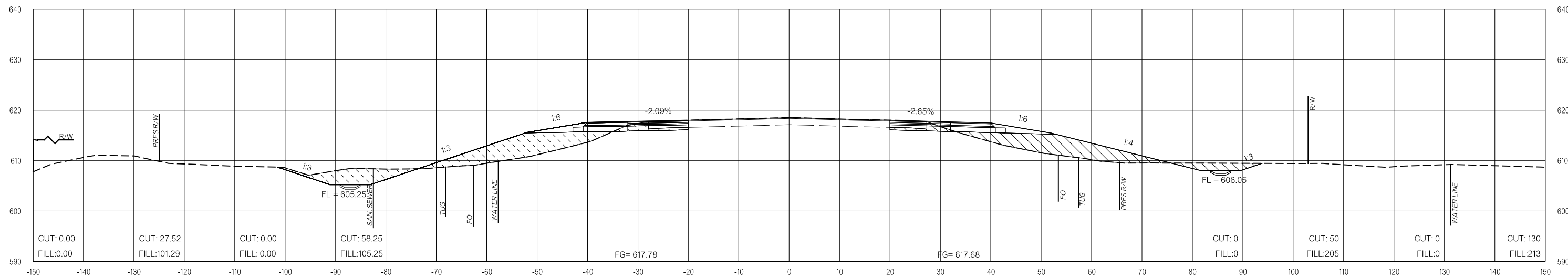
PHASE 1

PHASE 2

PHASE 3



185+00.00



184+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

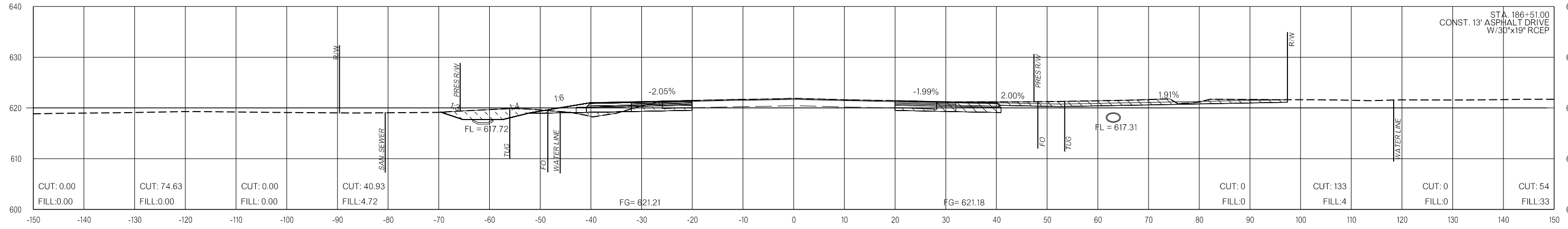
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**FINAL FIELD
MEETING**
26-JUN-2024

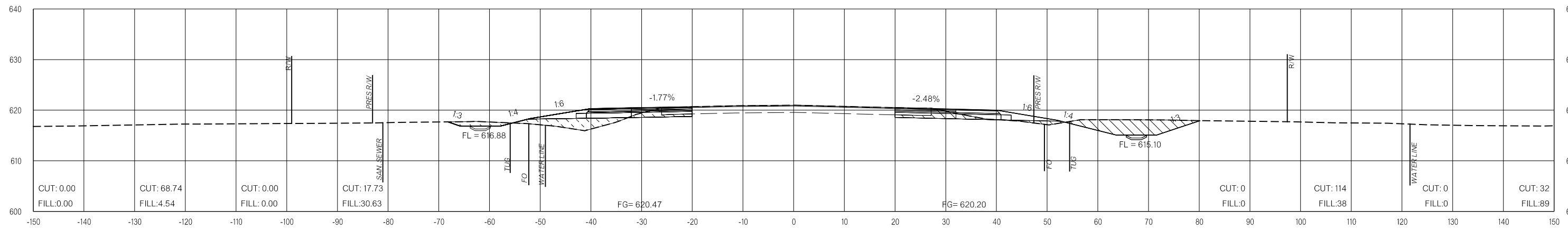
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VOLUMES (CY)

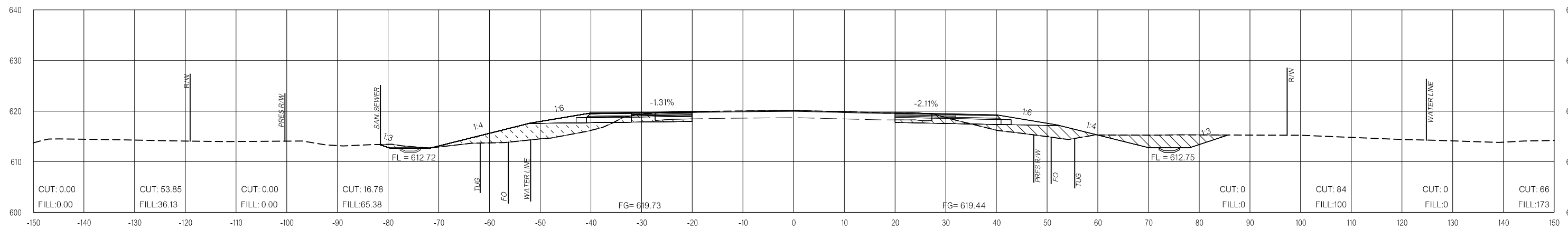
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



186+50.00



186+00.00



185+50.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

US-69

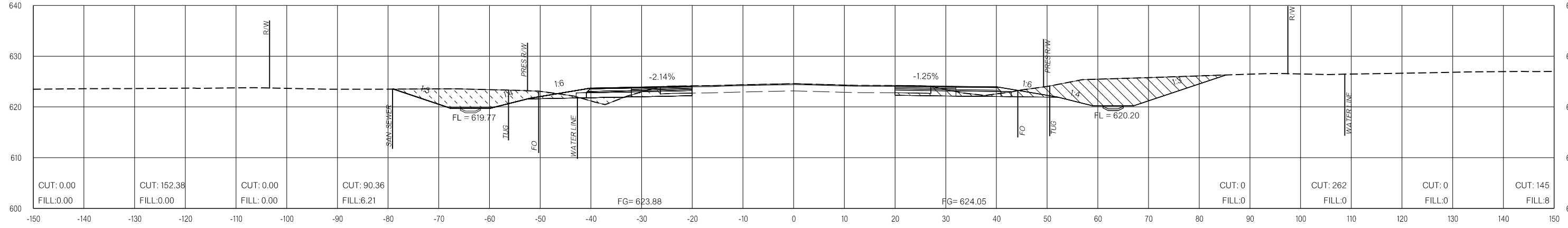
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FINAL FIELD MEETING
 26-JUN-2024

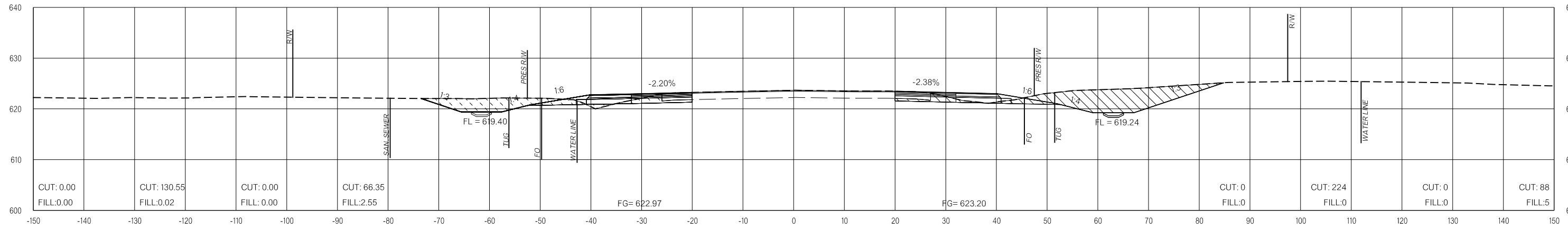
END AREAS (SF)

VOLUMES (CY)

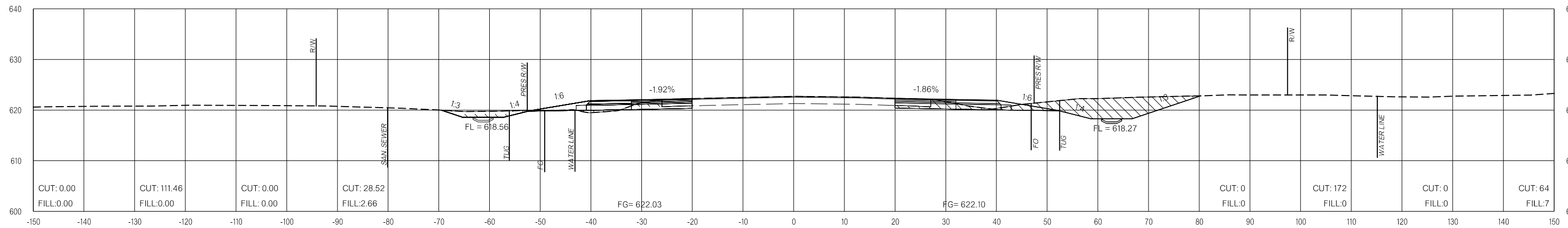
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



188+00.00



187+50.00



187+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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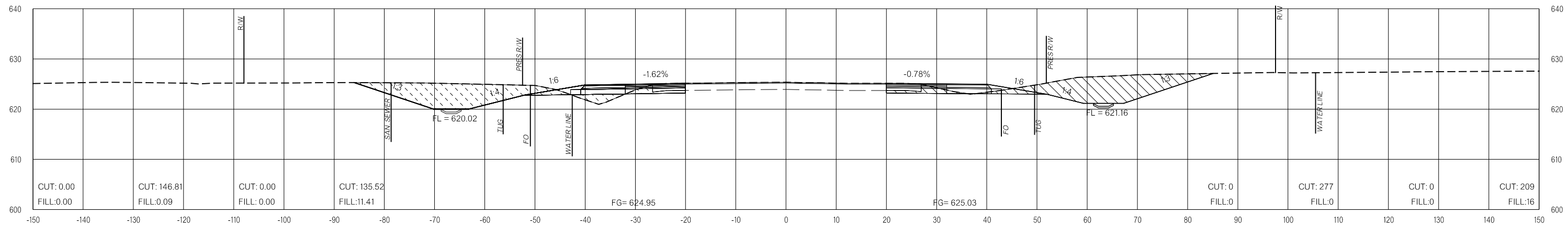
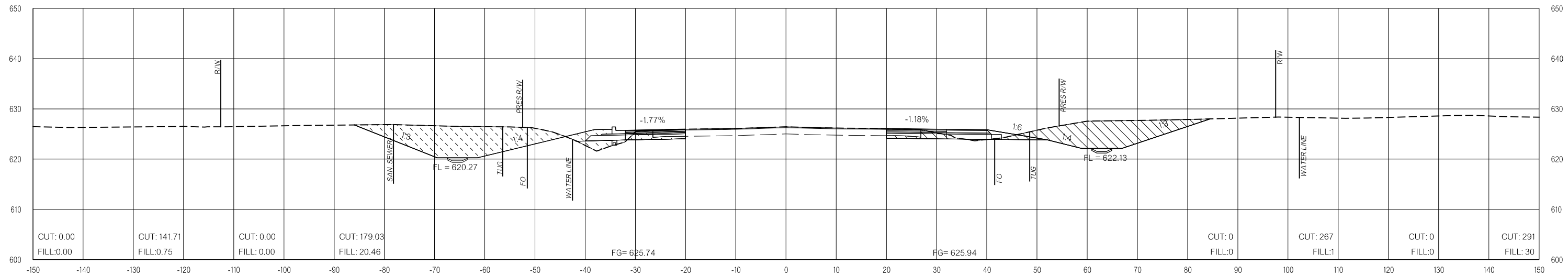
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

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LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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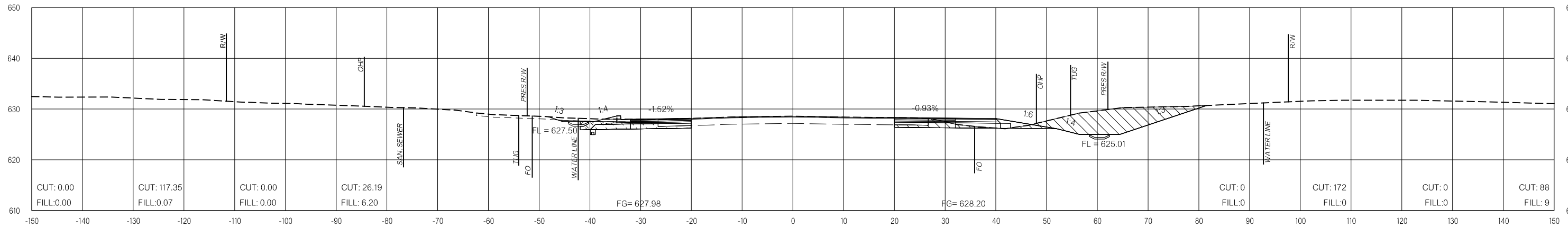
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FINAL FIELD MEETING
26-JUN-2024

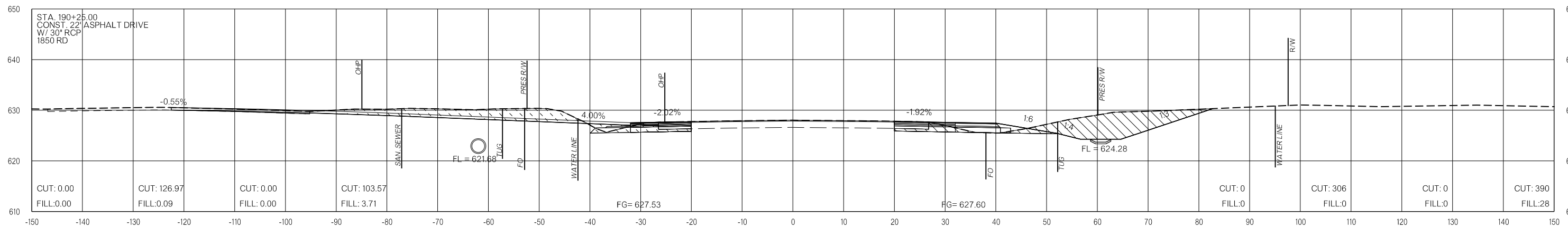
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VOLUMES (CY)

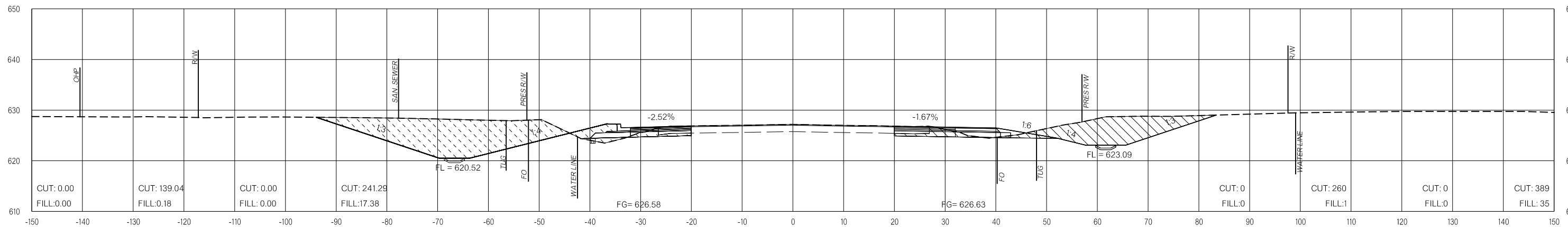
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



190+50.00



190+12.00



189+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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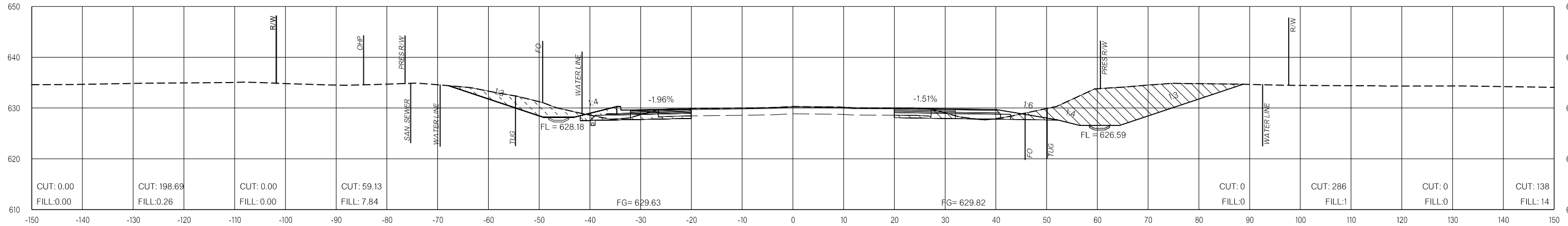
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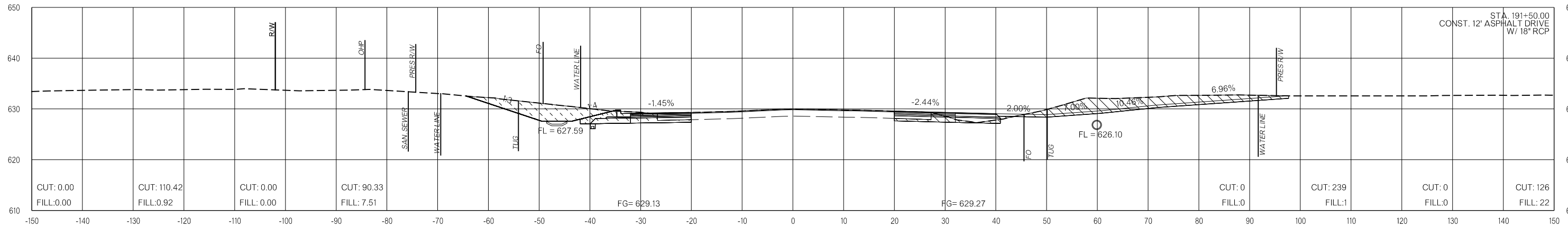
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VOLUMES (CY)

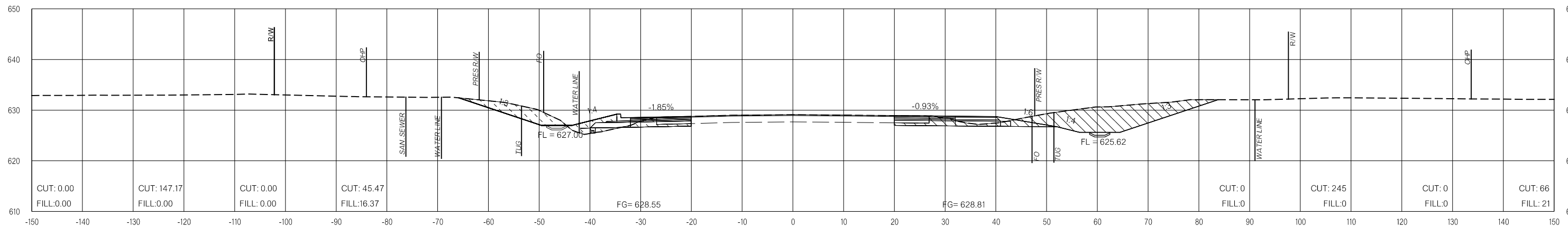
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



192+00.00



191+50.00



191+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\PW\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

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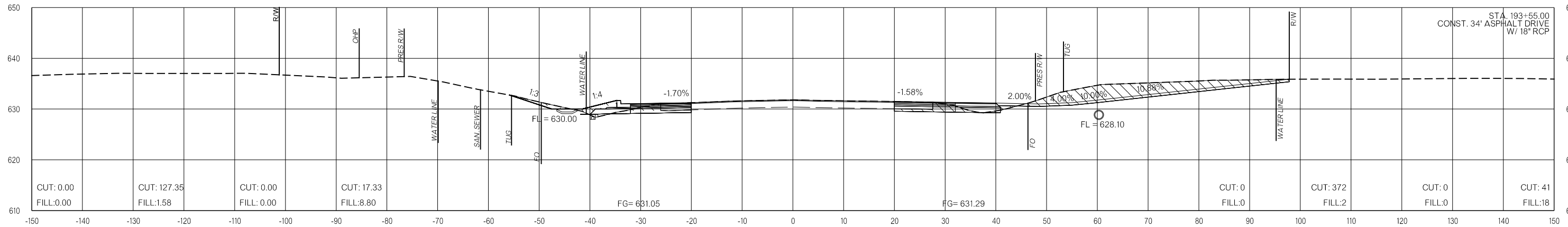
OKLAHOMA DEPARTMENT OF TRANSPORTATION

FINAL FIELD MEETING
26-JUN-2024

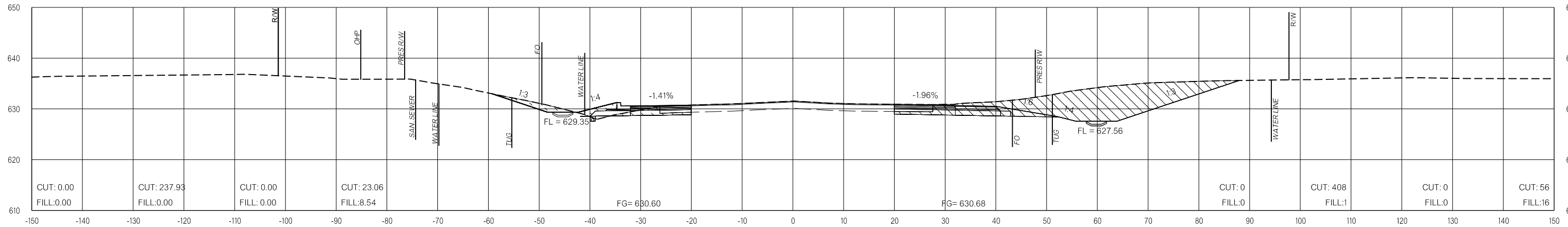
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VOLUMES (CY)

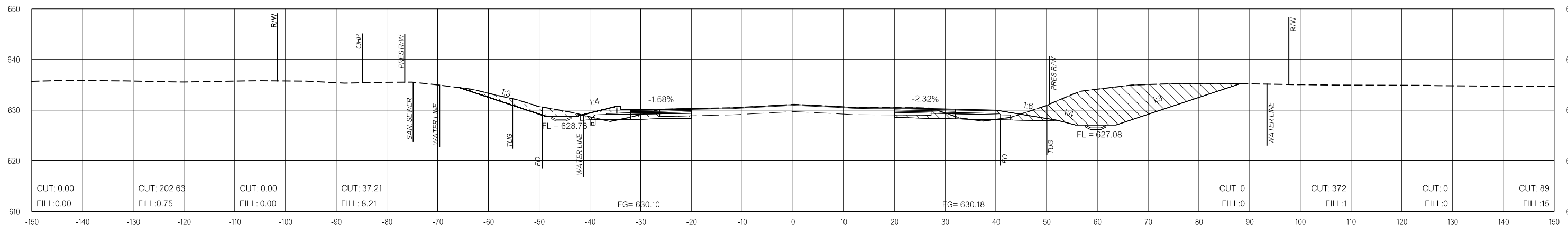
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



193+55.00



193+00.00



192+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

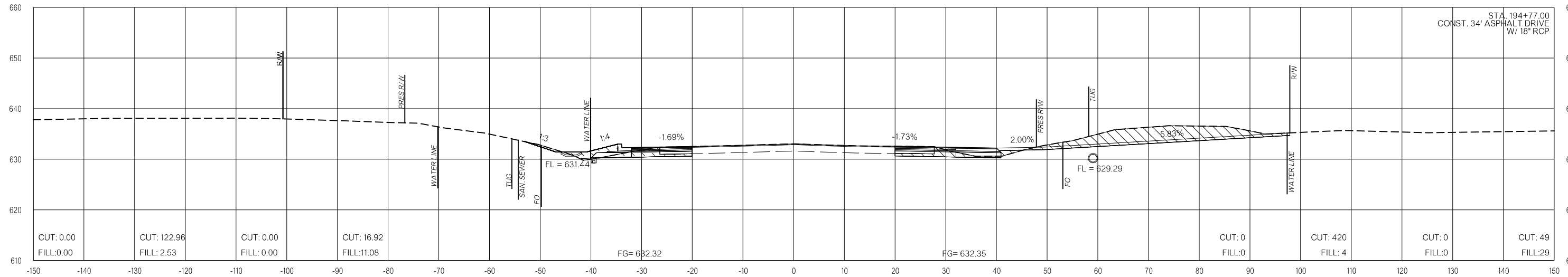
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FINAL FIELD MEETING
 26-JUN-2024

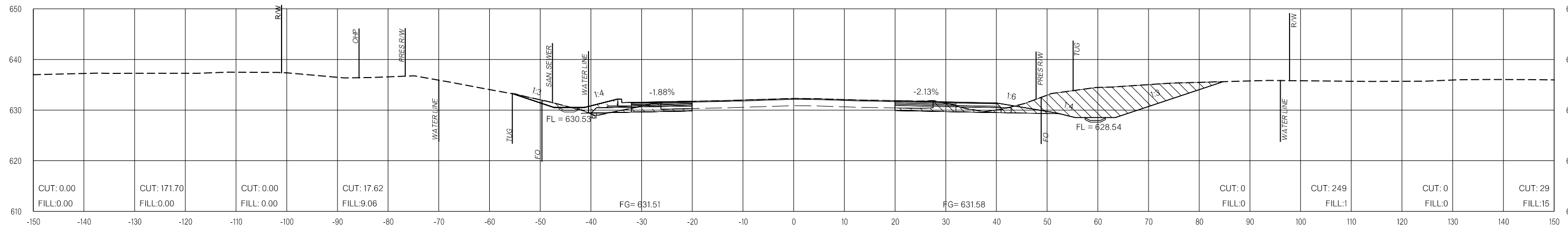
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



194+77.00



194+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

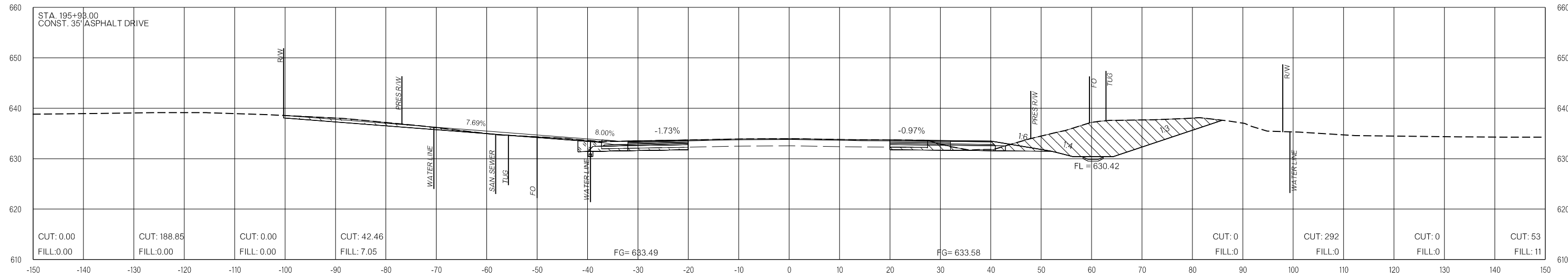
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PRE-CONSTRUCTION

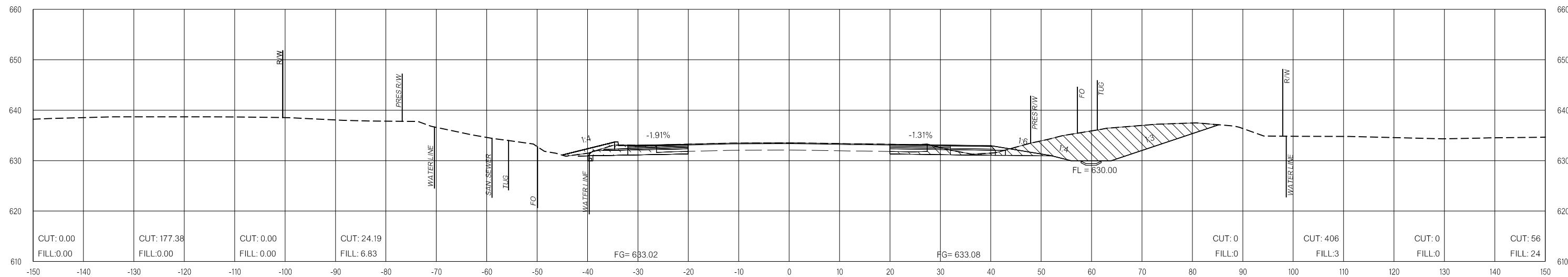
PHASE 1

PHASE 2

PHASE 3



195+93.00



195+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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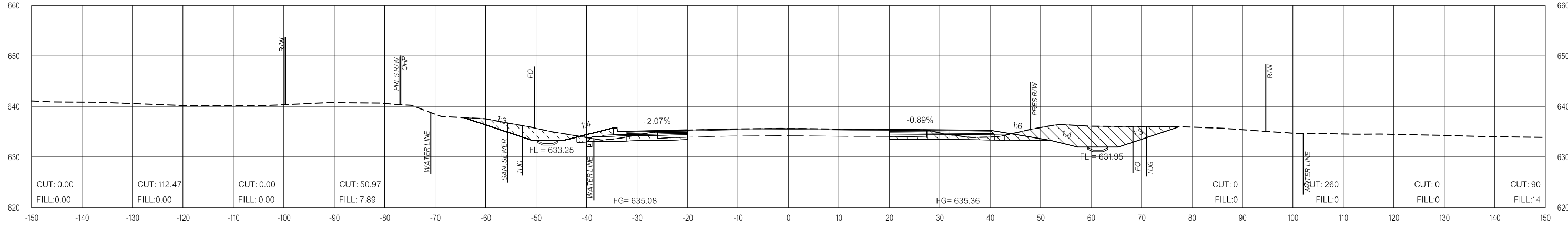
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**FINAL FIELD
MEETING**
26-JUN-2024

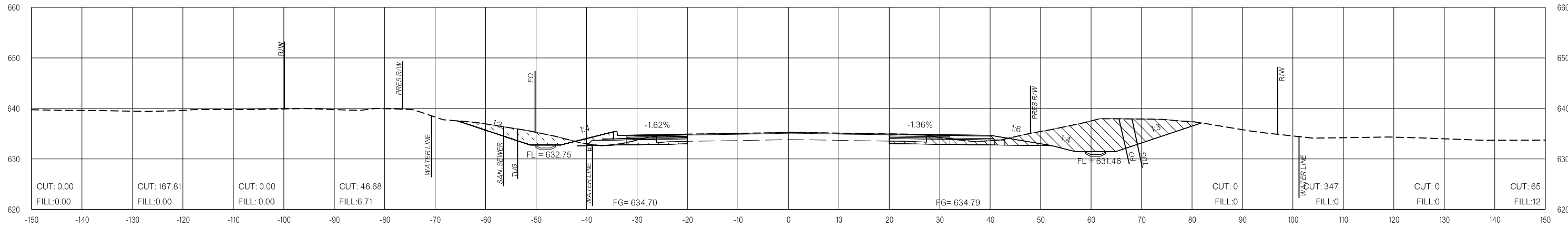
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VOLUMES (CY)

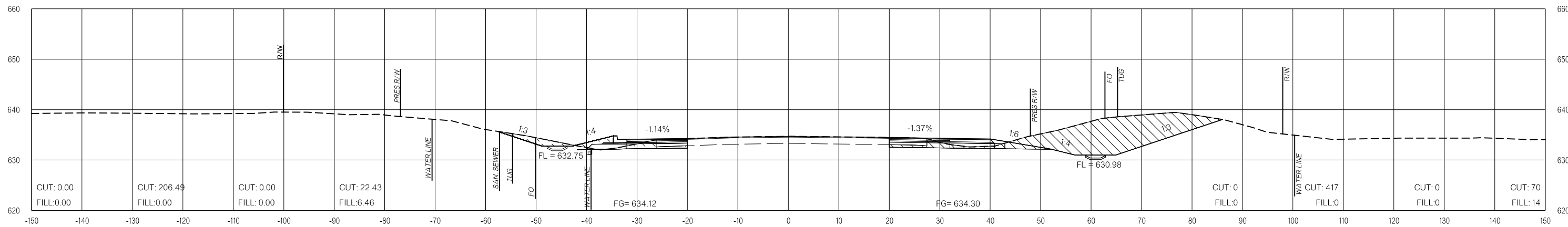
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197+50.00



197+00.00



196+50.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

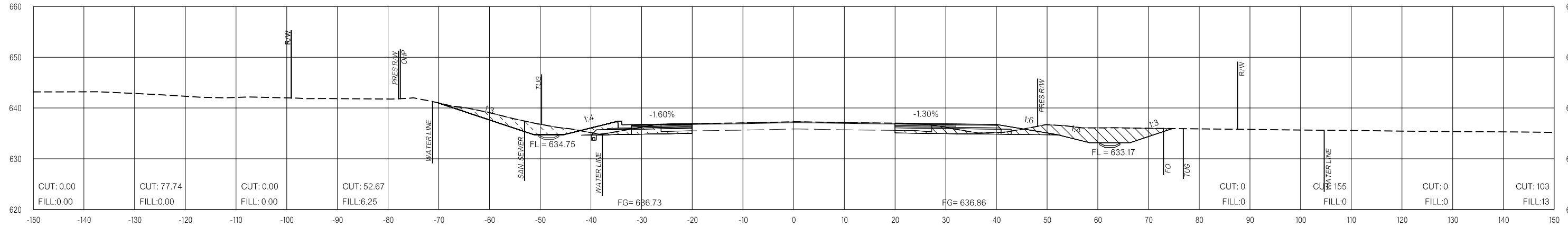
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US-69

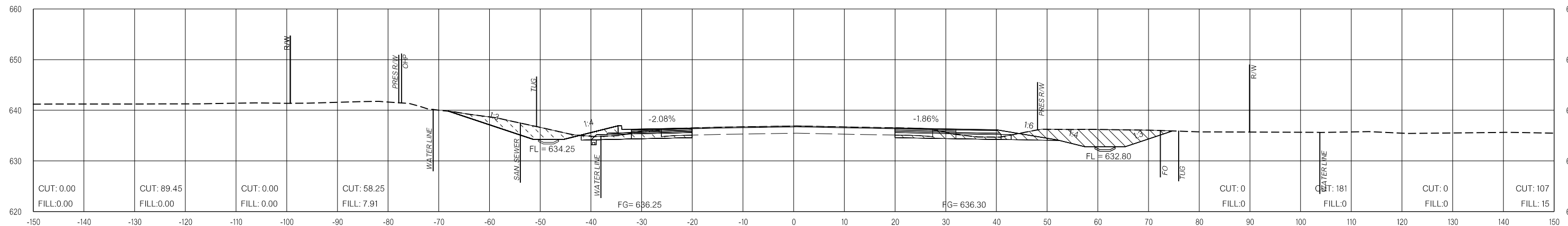
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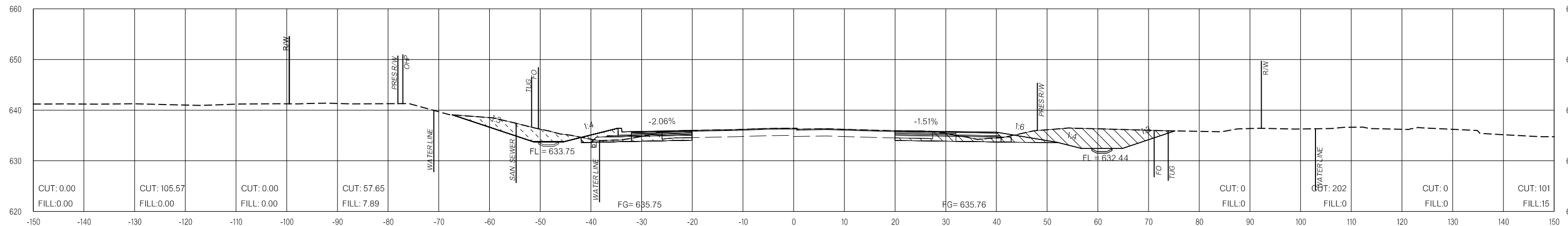
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199+00.00



198+50.00



198+00.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

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US-69

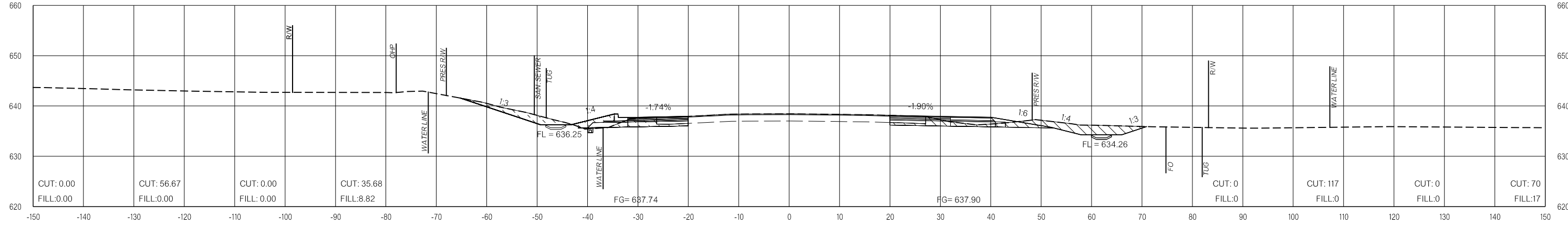
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FINAL FIELD MEETING
 26-JUN-2024

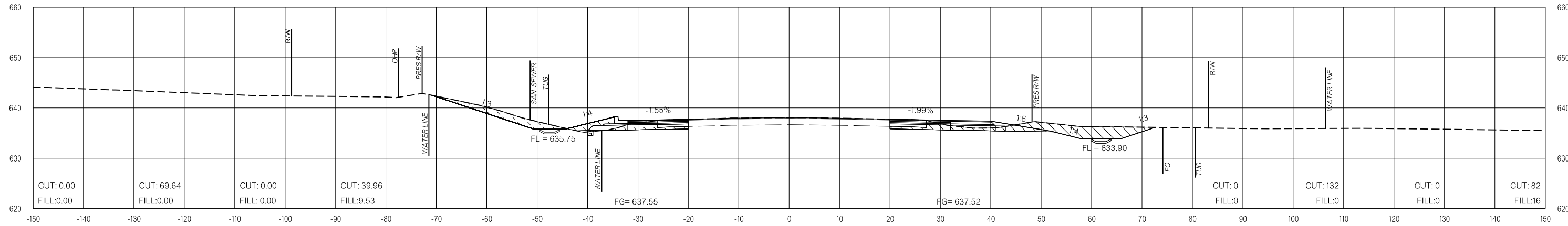
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VOLUMES (CY)

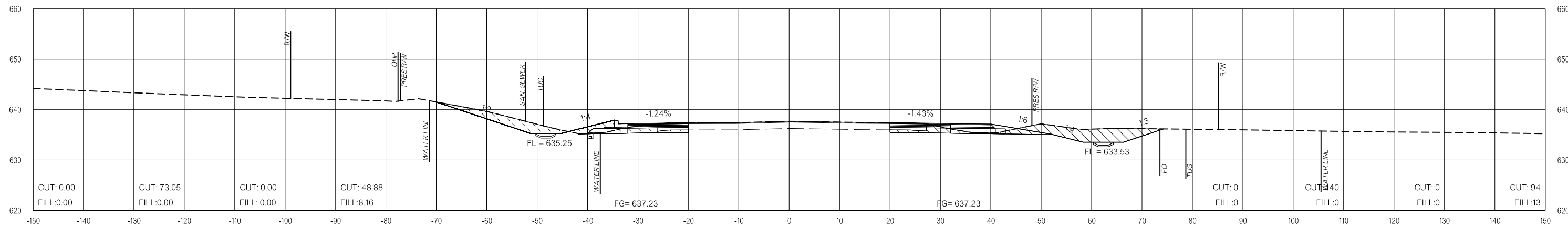
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200+50.00



200+00.00



199+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

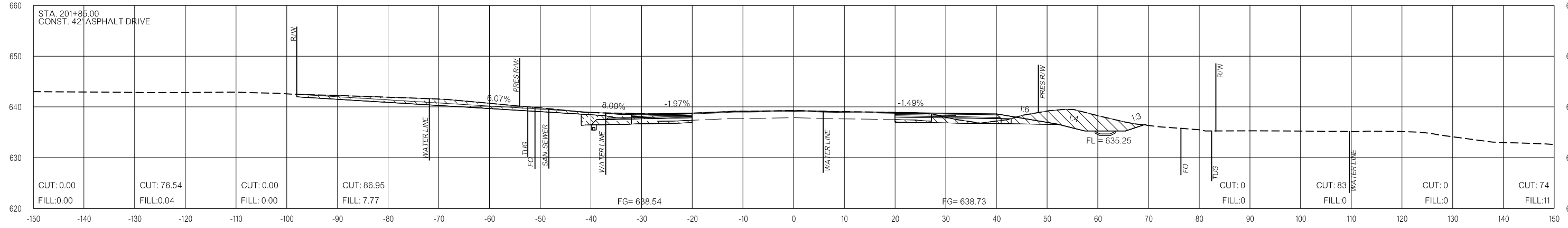
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**FINAL FIELD
MEETING**
26-JUN-2024

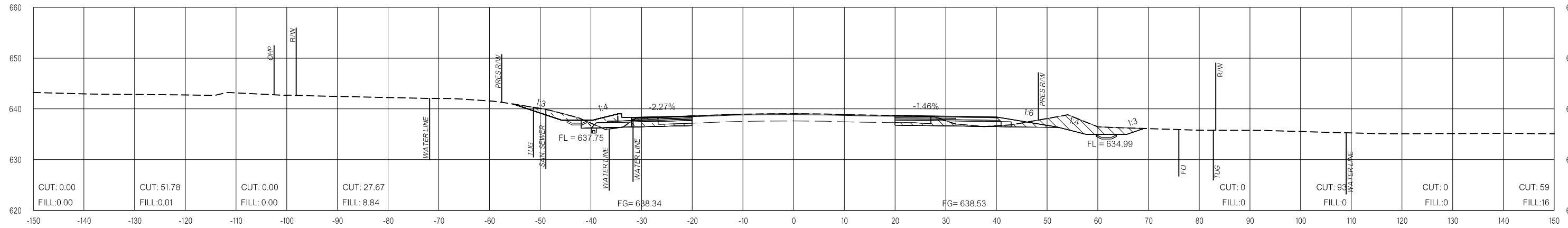
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VOLUMES (CY)

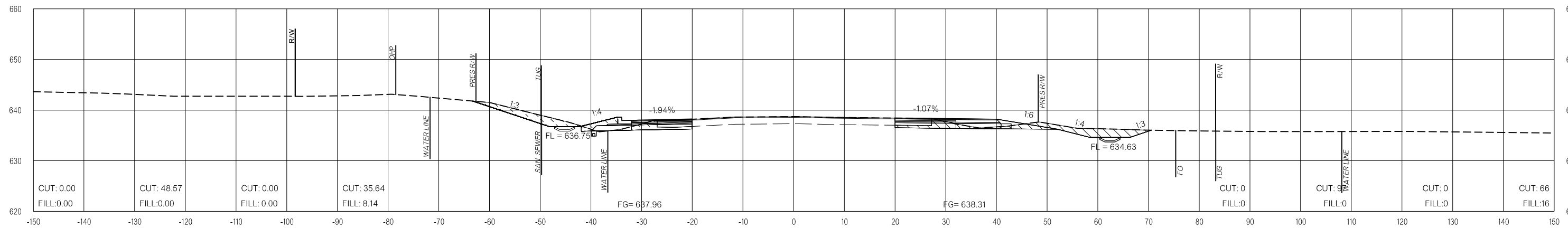
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



201+85.00



201+50.00



201+00.00

LEGEND

	PRE-CONSTRUCTION
	PHASE 1
	PHASE 2
	PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\77746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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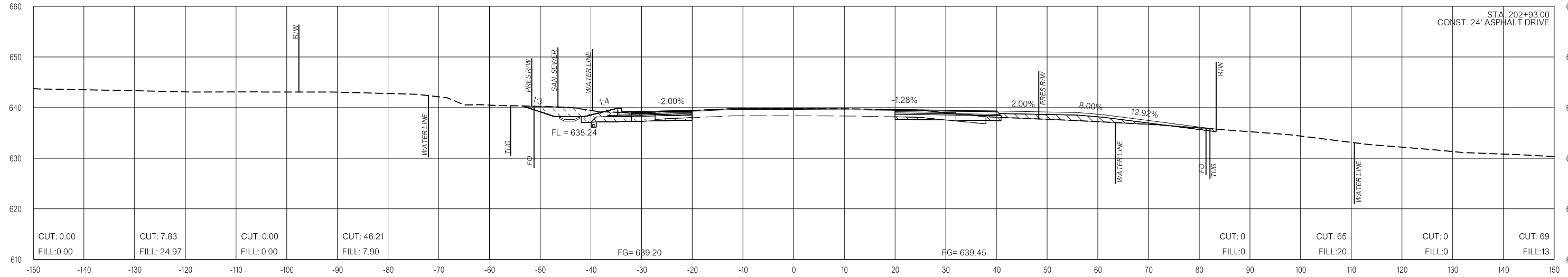
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**FINAL FIELD
MEETING**
26-JUN-2024

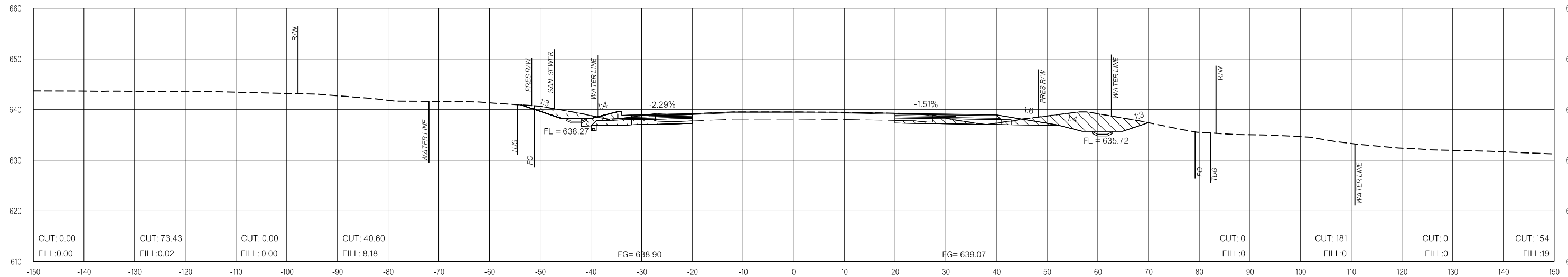
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PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



202+93.00



202+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

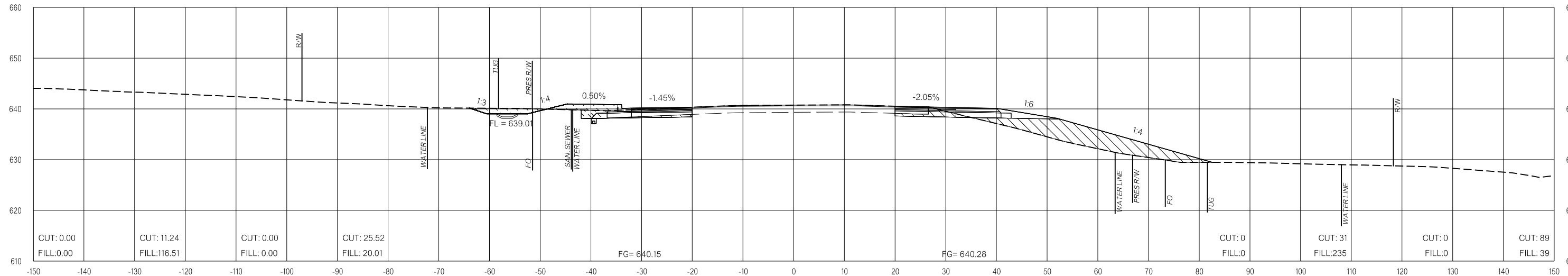
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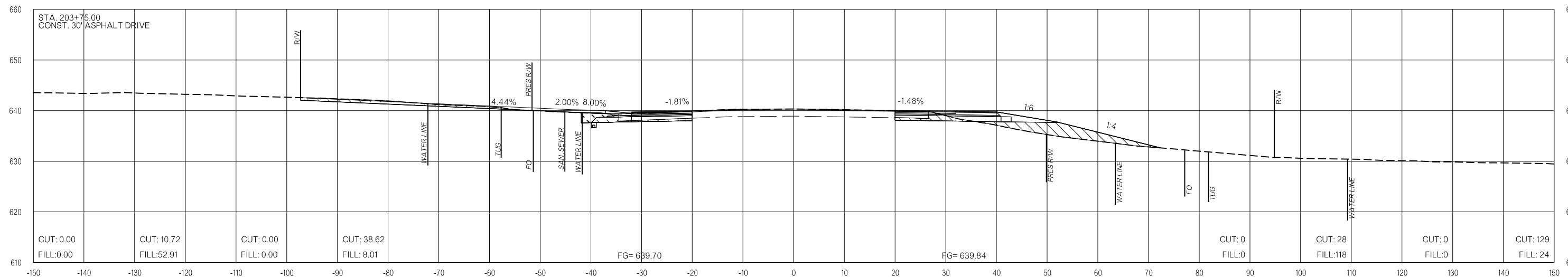
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



204+50.00



203+75.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

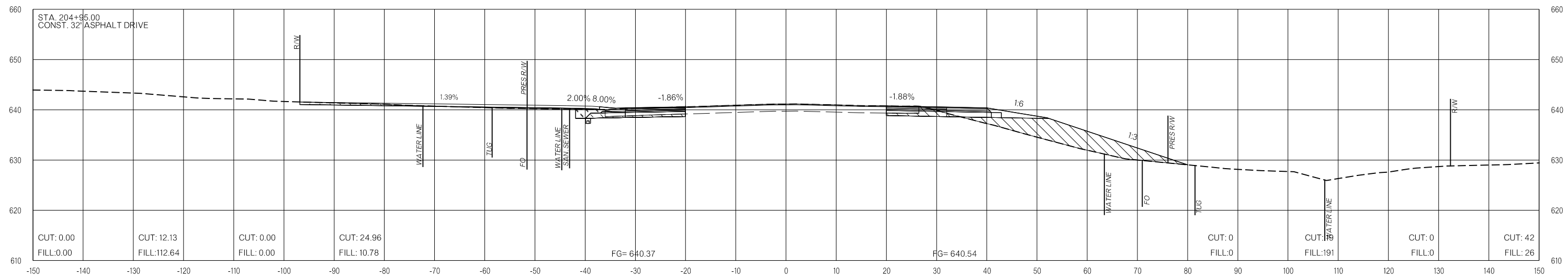
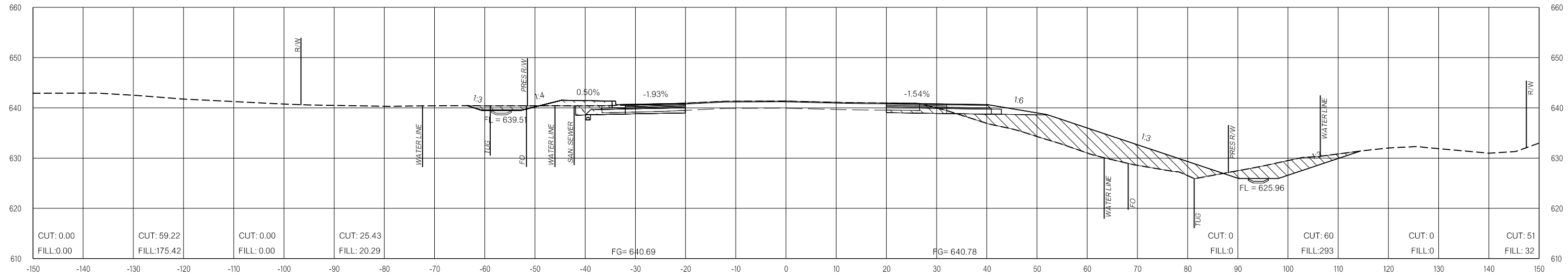
PHASE 3

PRE-CONSTRUCTION

PHASE 1

PHASE 2

PHASE 3



LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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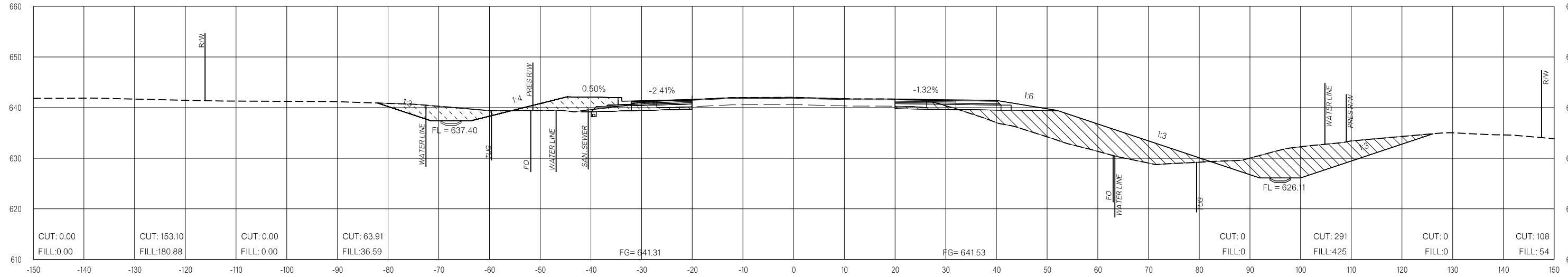
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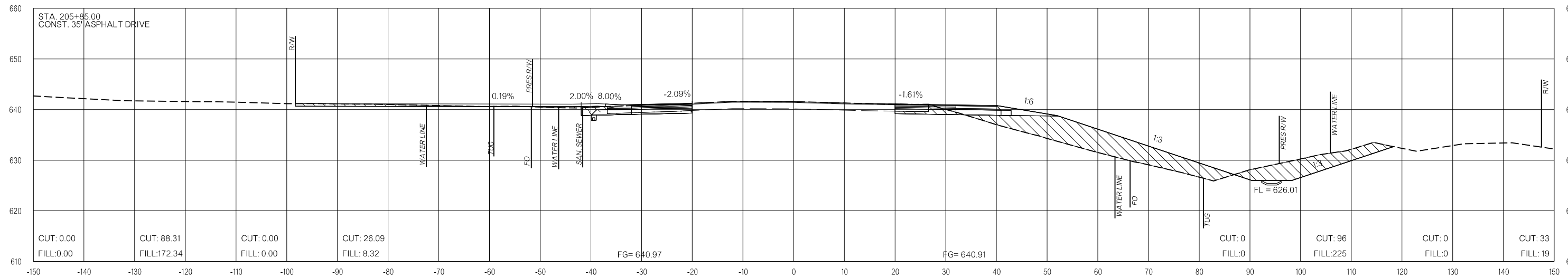
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



206+50.00



205+85.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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FINAL FIELD MEETING
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END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

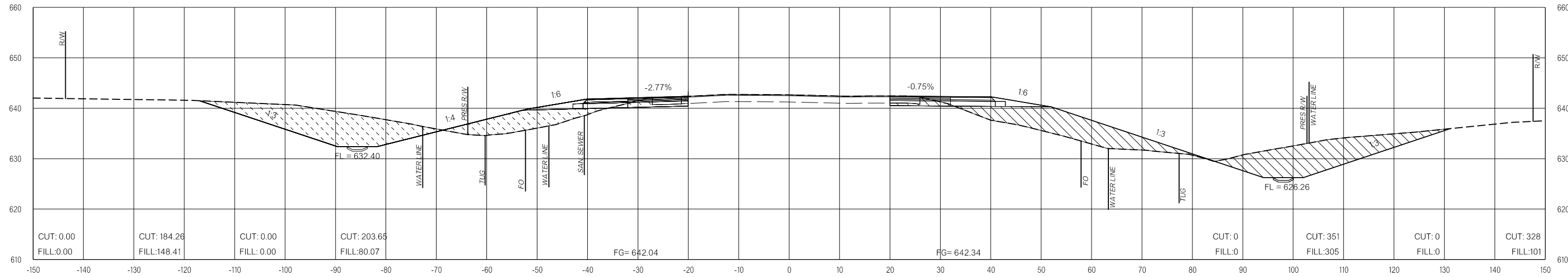
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PRE-CONSTRUCTION

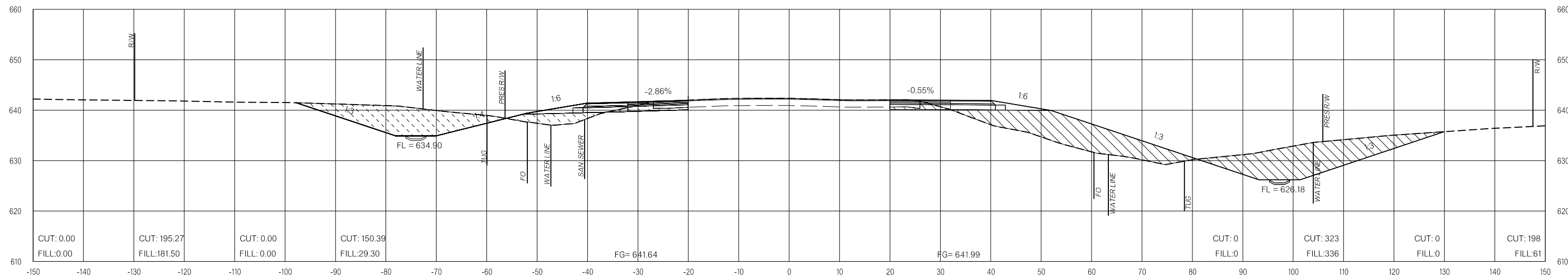
PHASE 1

PHASE 2

PHASE 3



207+50.00



207+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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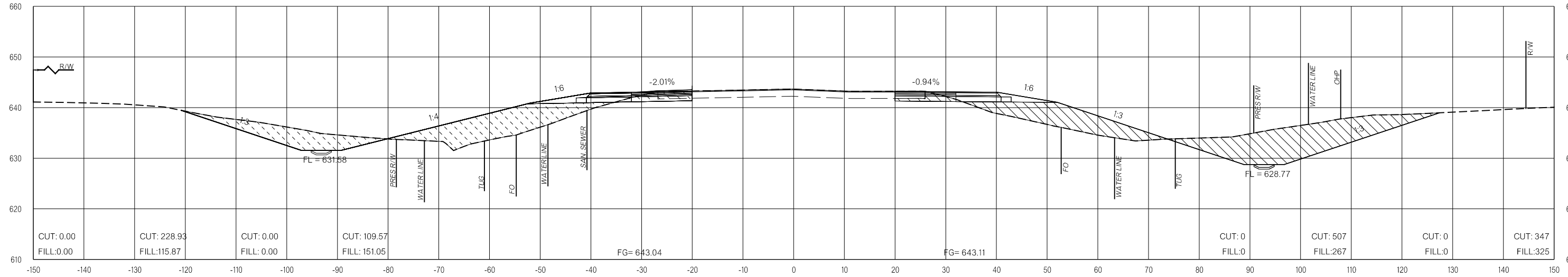
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 26-JUN-2024

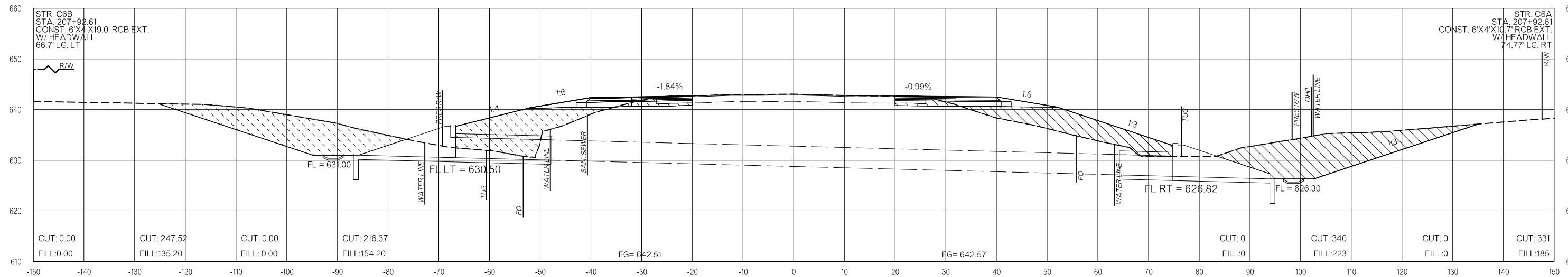
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



208+50.00



207+92.61

LEGEND

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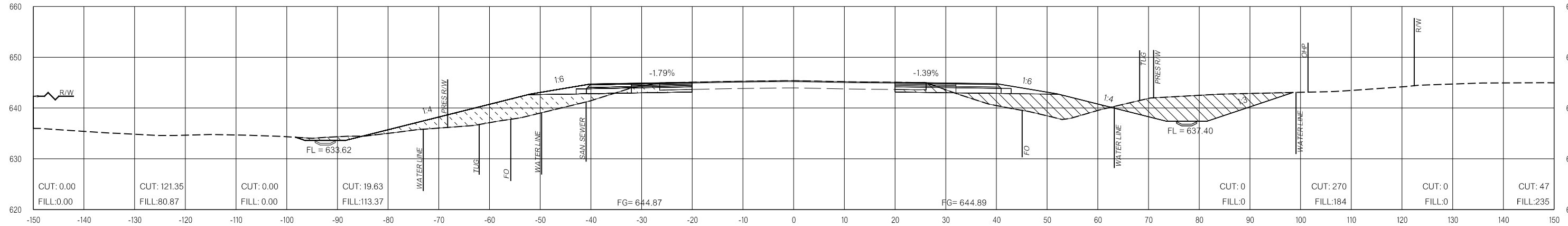
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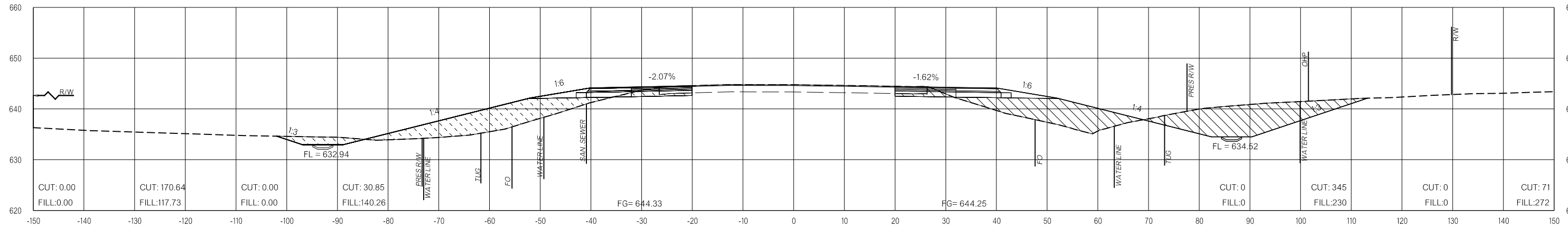
END AREAS (SF)

VOLUMES (CY)

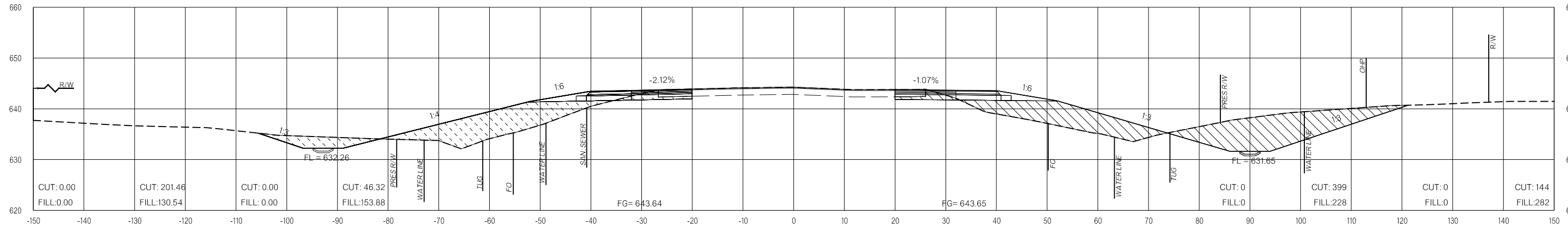
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



210+00.00



209+50.00



209+00.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

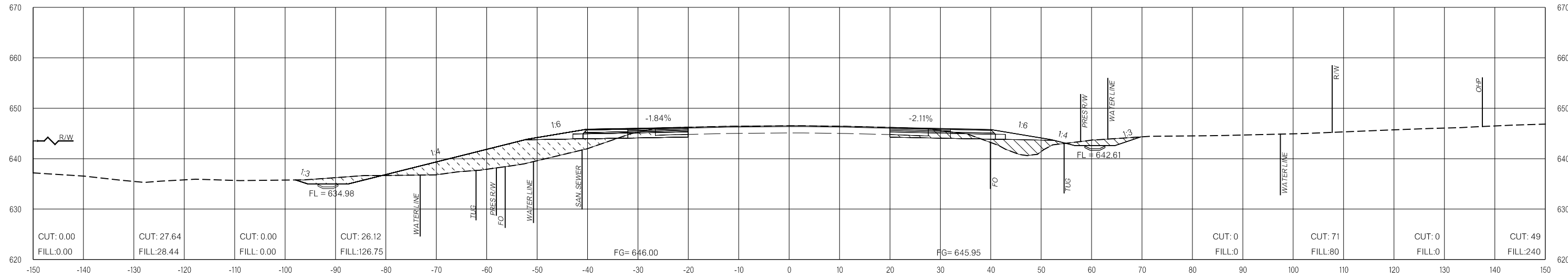
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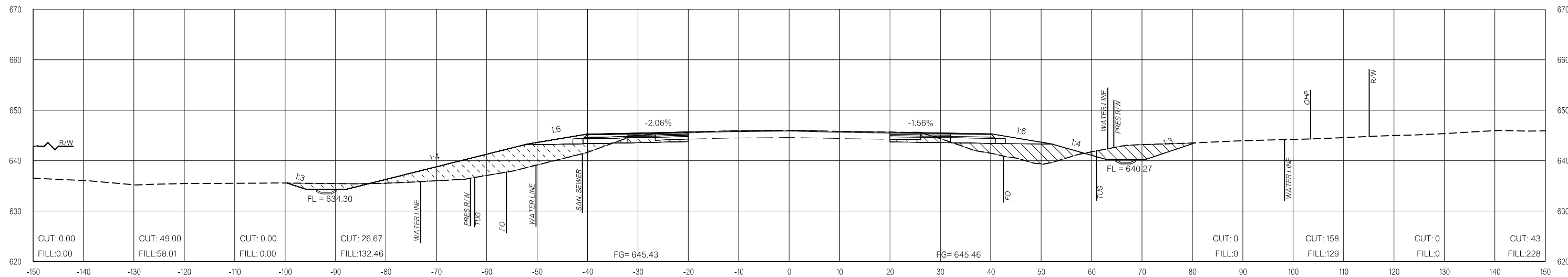
PHASE 1

PHASE 2

PHASE 3



211+00.00



210+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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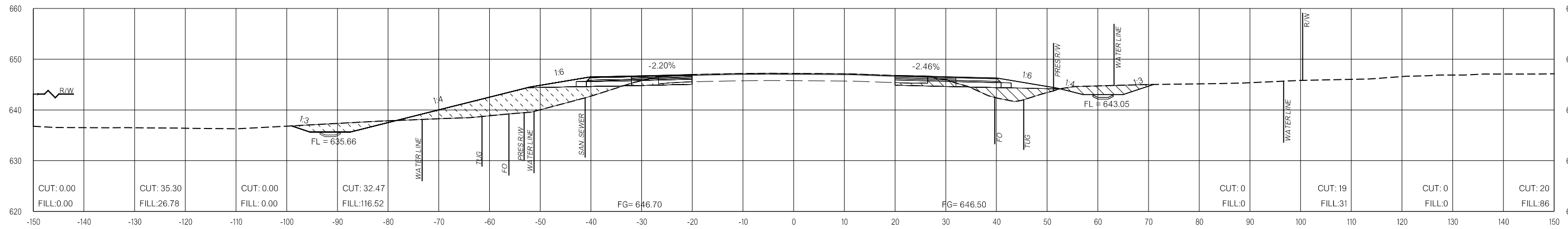
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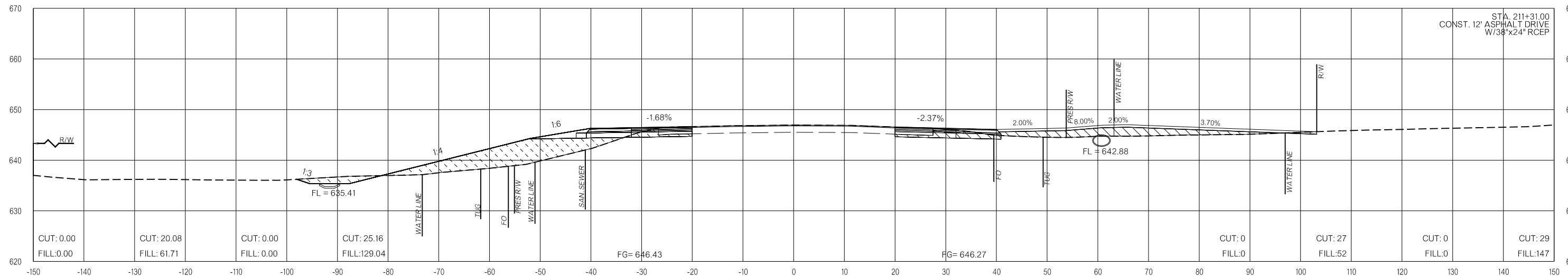
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



211+50.00



211+31.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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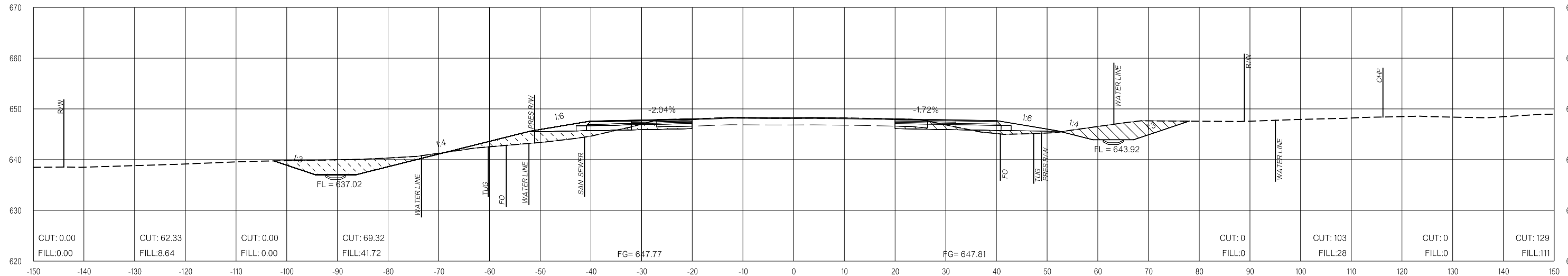
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 26-JUN-2024

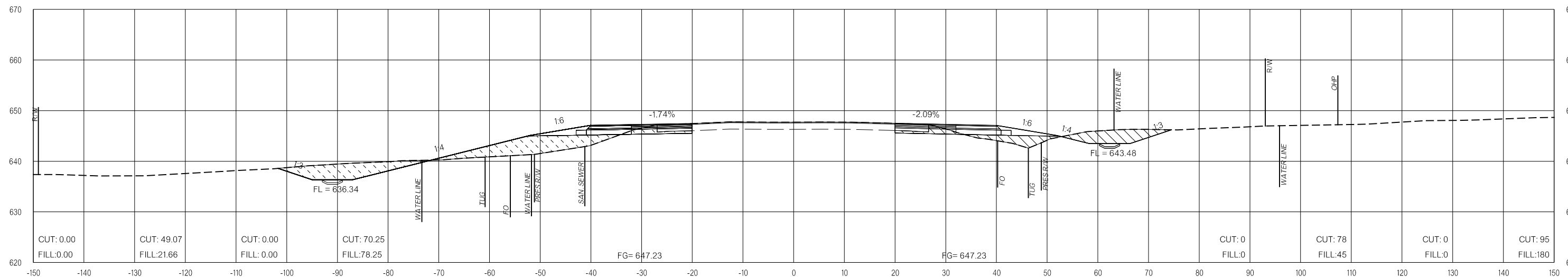
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VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



212+50.00



212+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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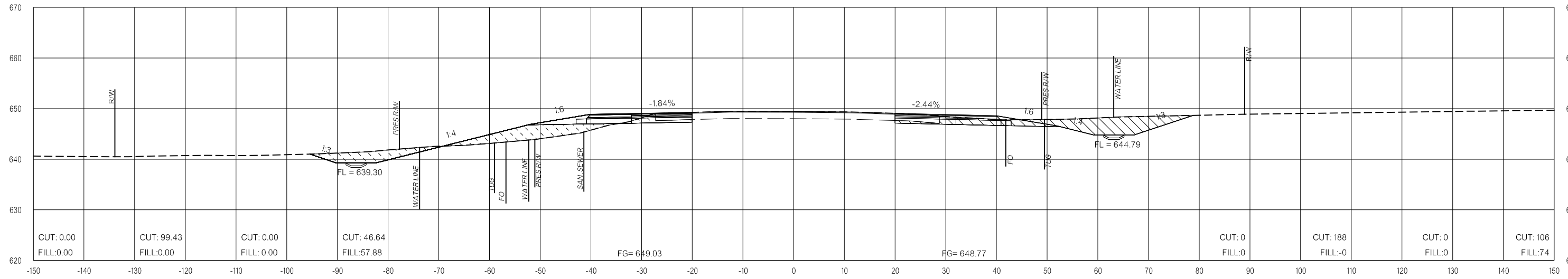
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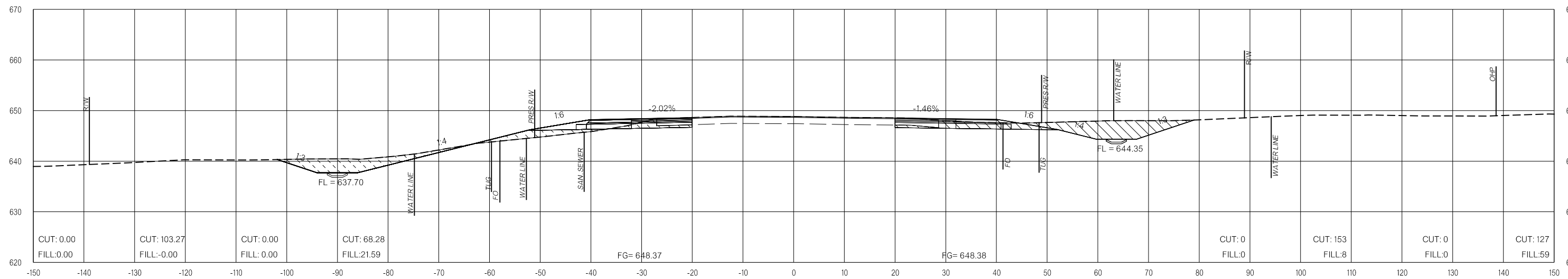
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



213+50.00



213+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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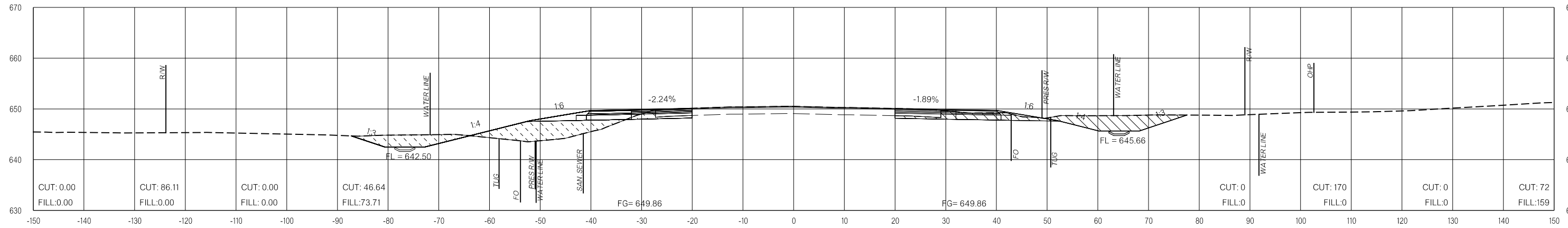
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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

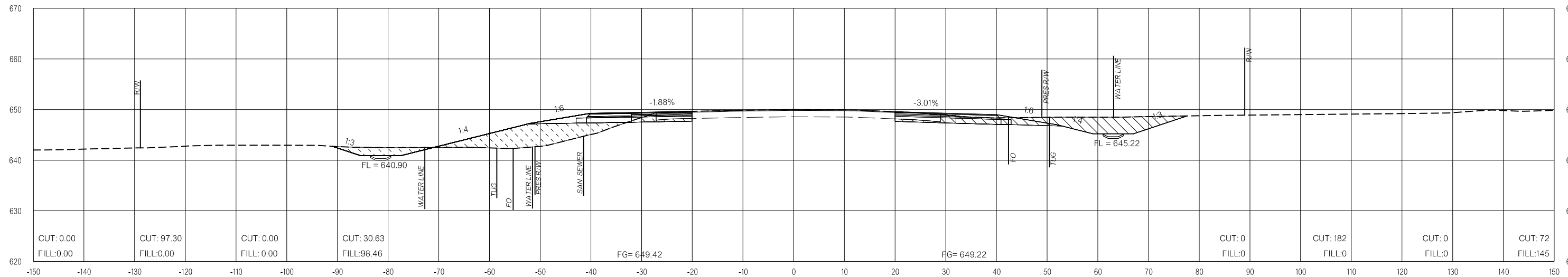
VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/77746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



214+50.00



214+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

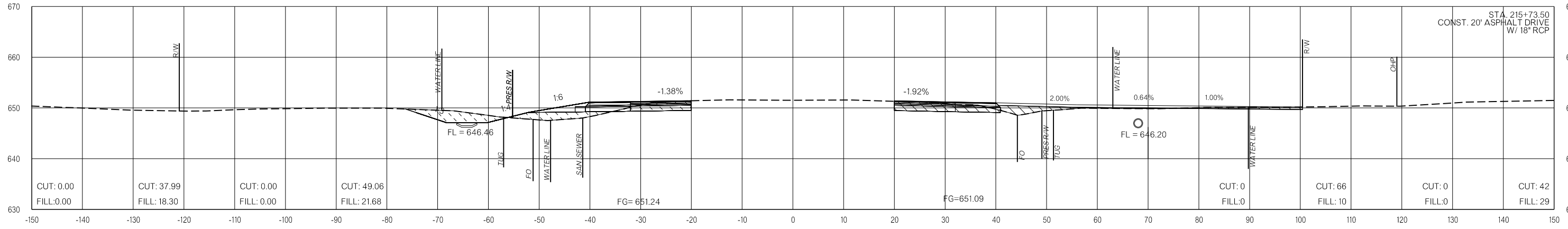
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MEETING**
26-JUN-2024

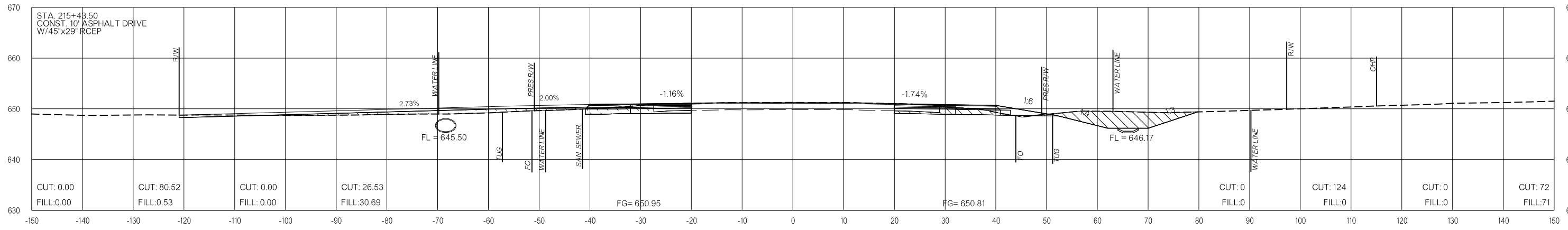
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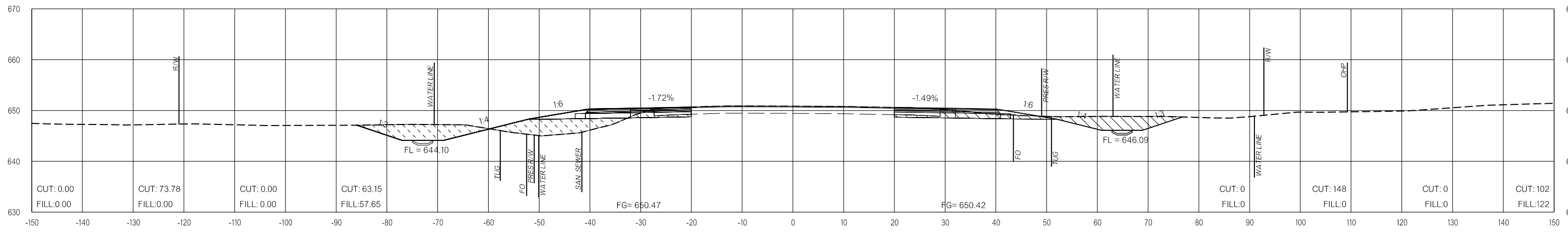
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



215+73.50



215+43.50



215+00.00

LEGEND

- PRE-CONSTRUCTION
- PHASE 1
- PHASE 2
- PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/3041004-CrossSections.dgn

US-69

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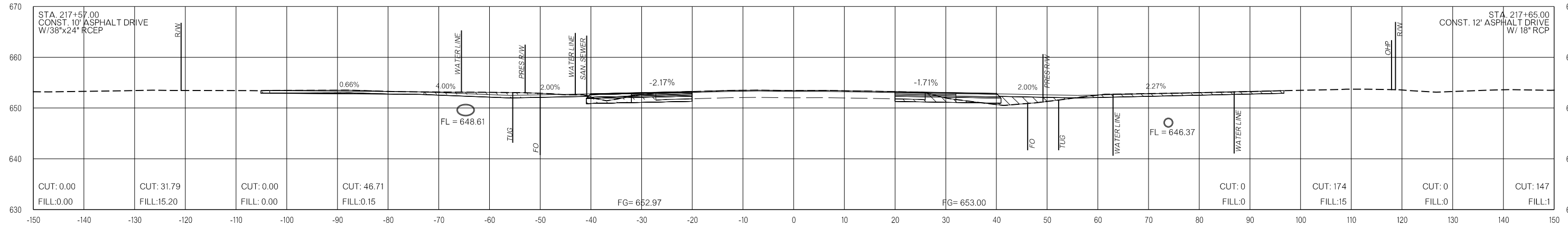
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**FINAL FIELD
MEETING**
26-JUN-2024

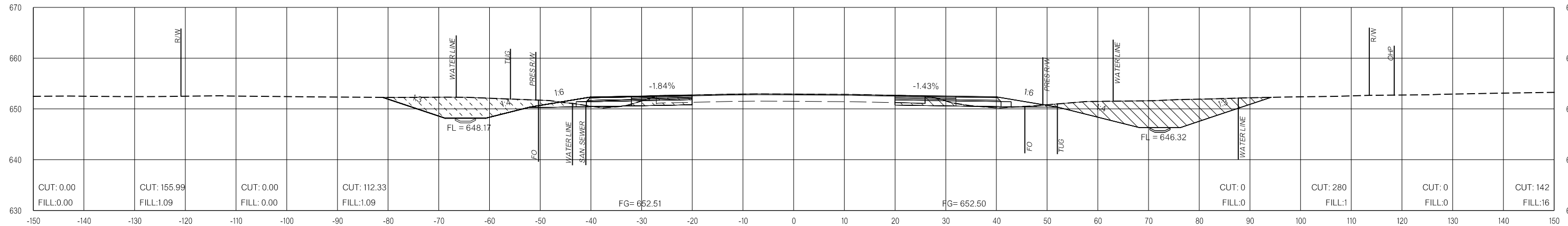
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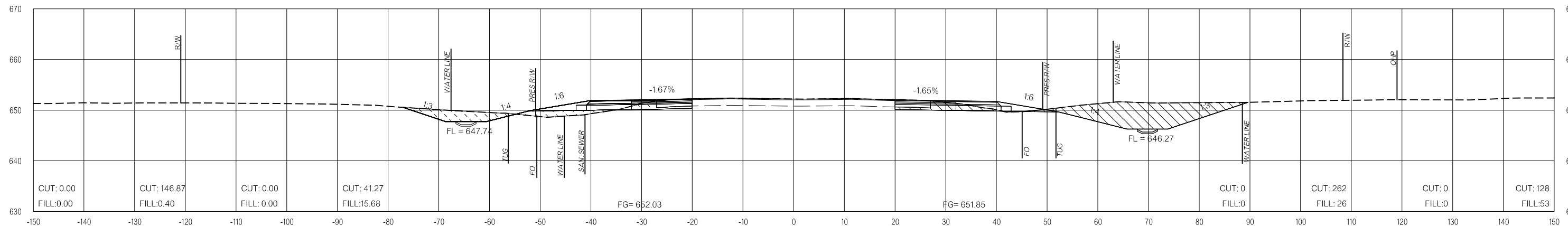
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217+50.00



217+00.00



216+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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US-69

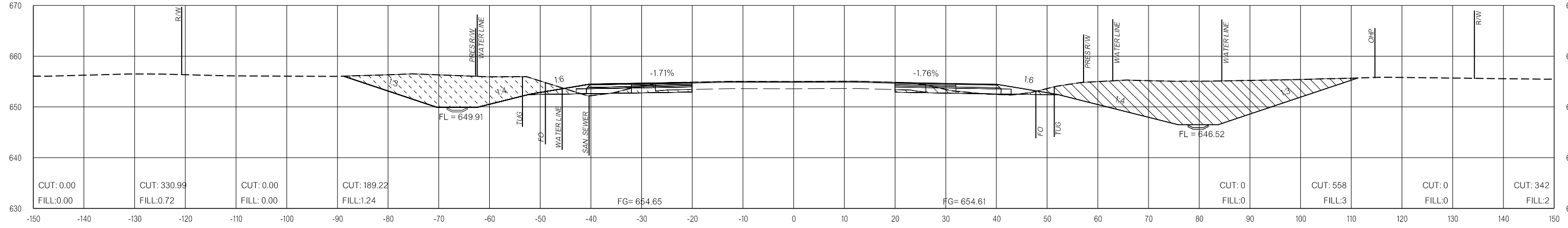
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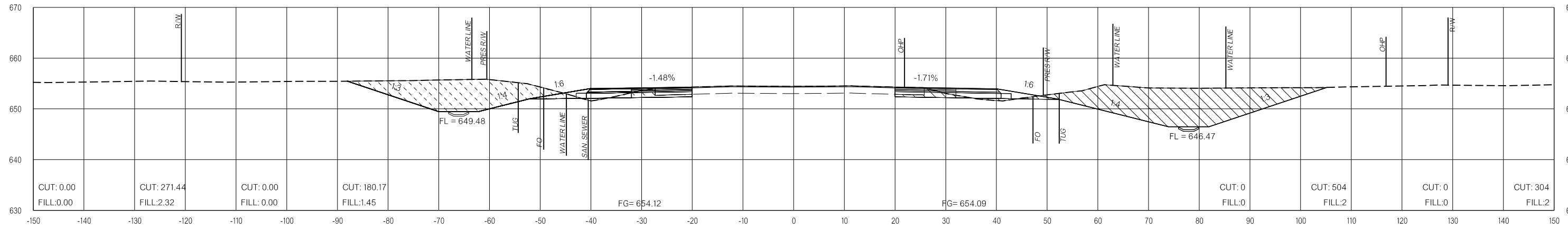
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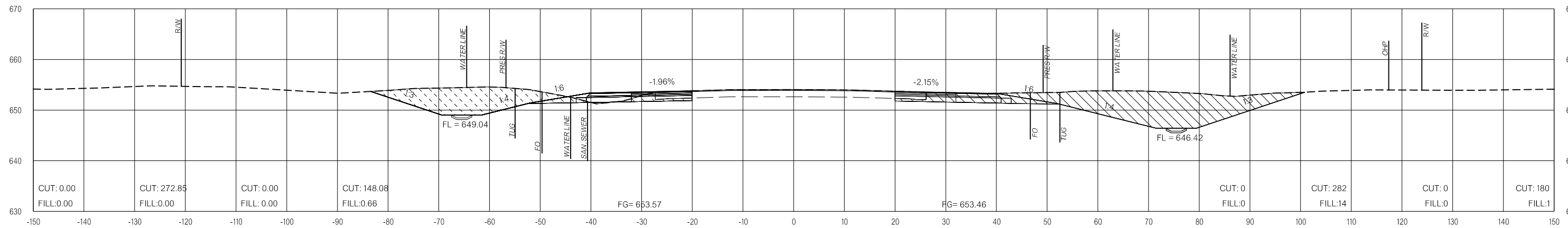
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219+00.00



218+50.00



218+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

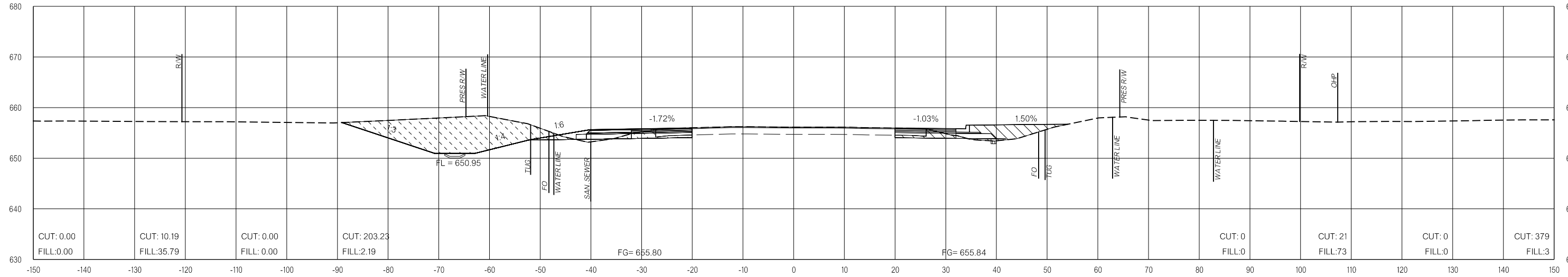
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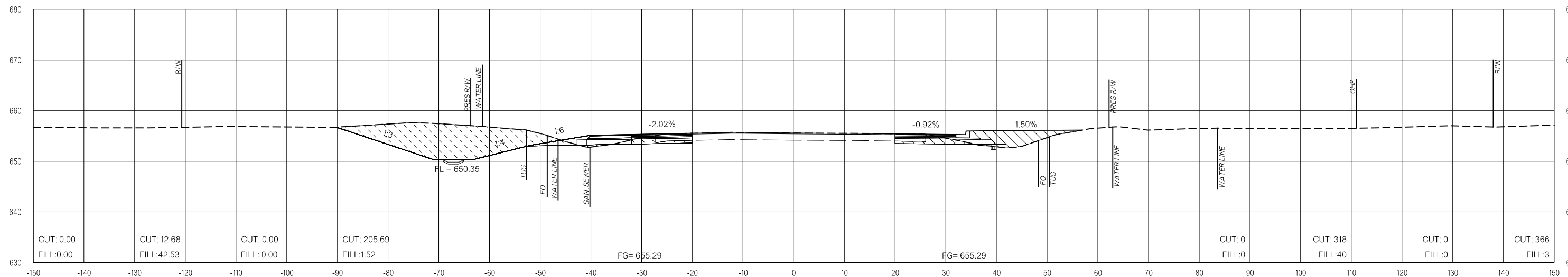
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VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



220+00.00



219+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

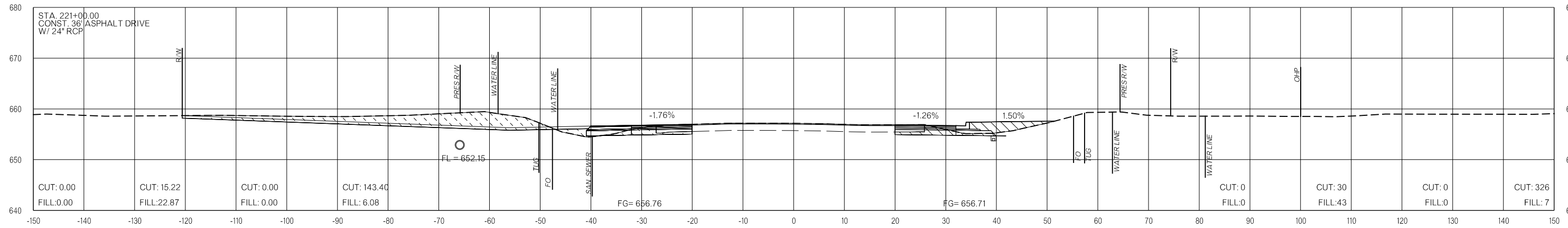
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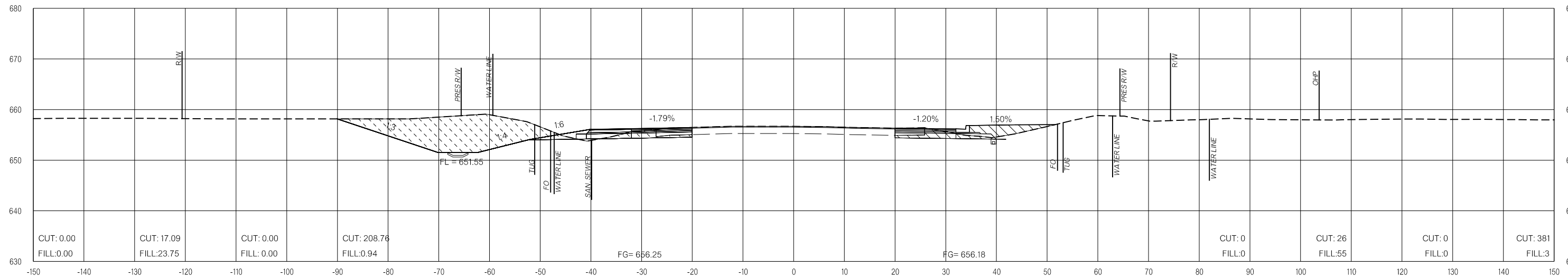
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VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



221+00.00



220+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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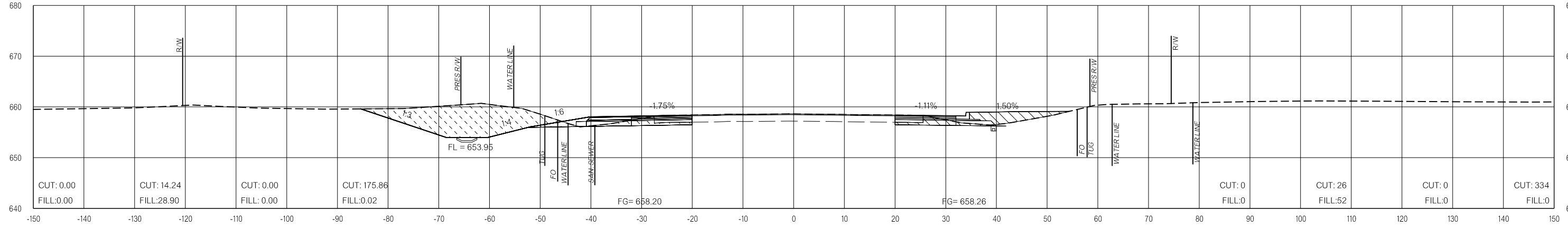
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US-69

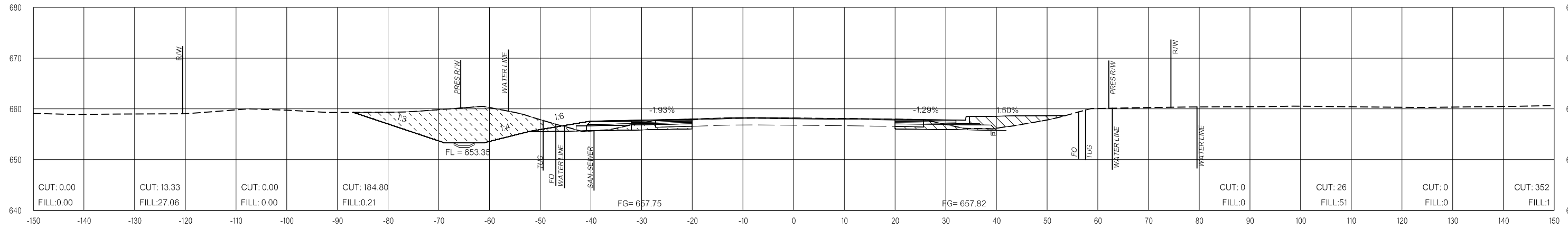
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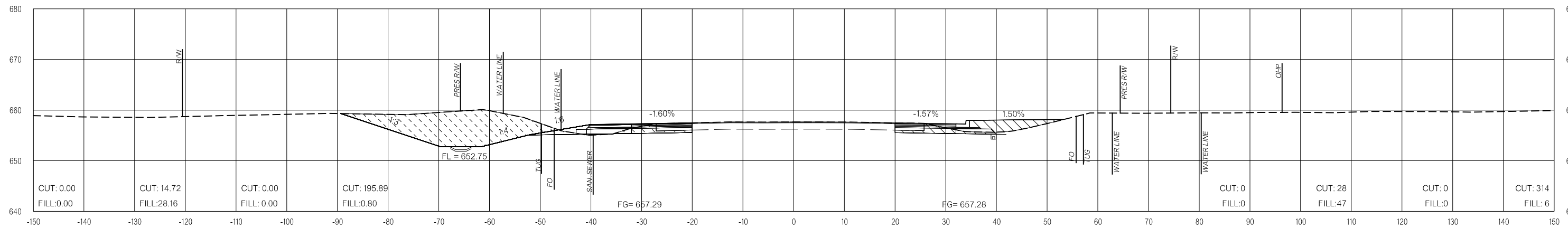
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222+50.00



222+00.00



221+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

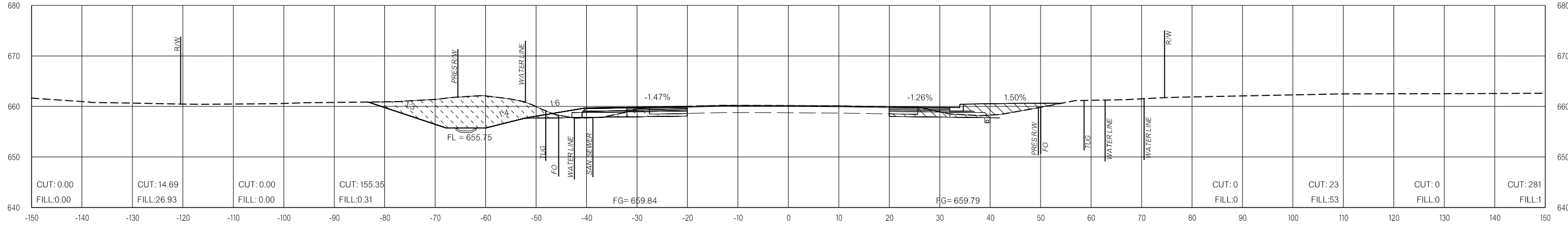
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26-JUN-2024

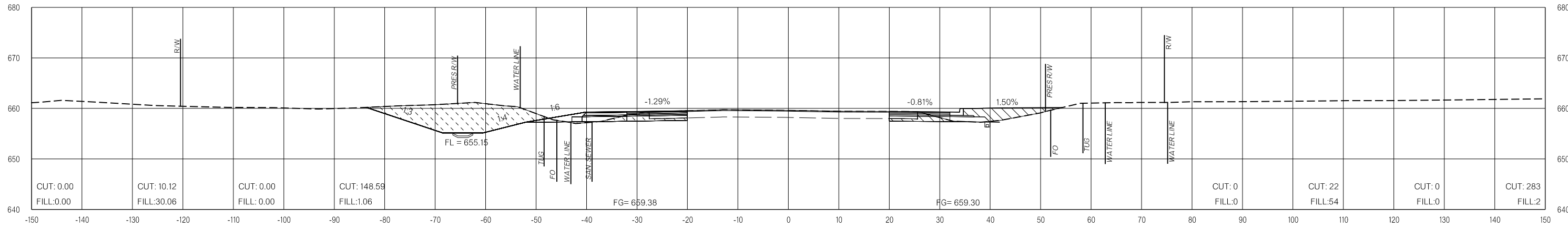
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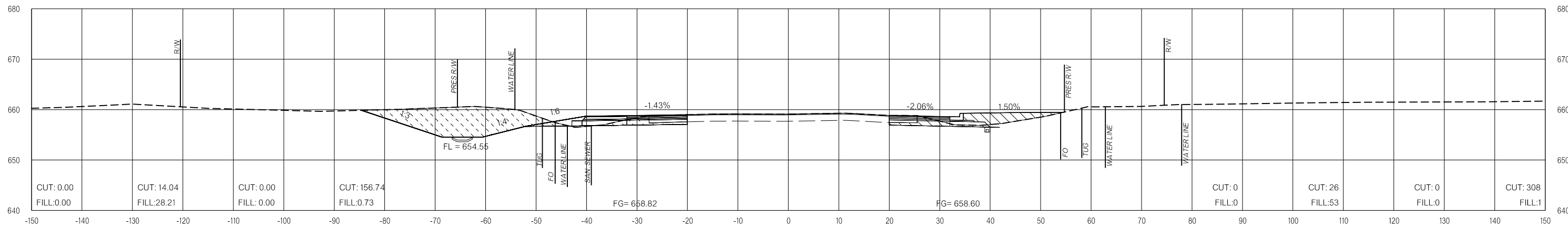
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224+00.00



223+50.00



223+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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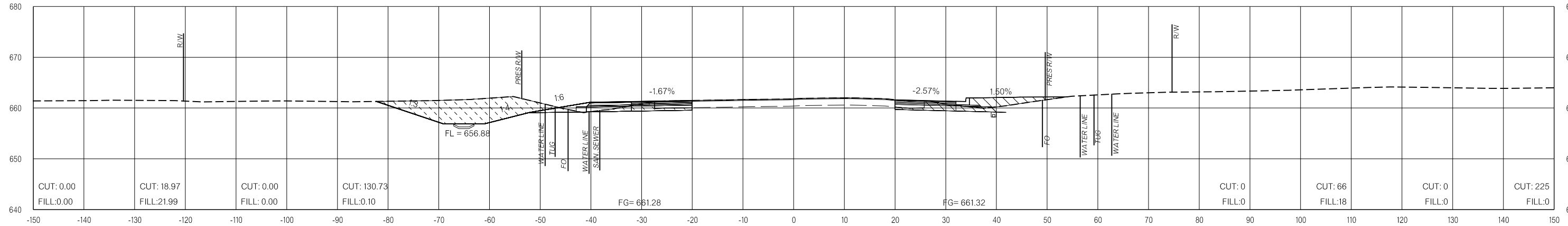
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US-69

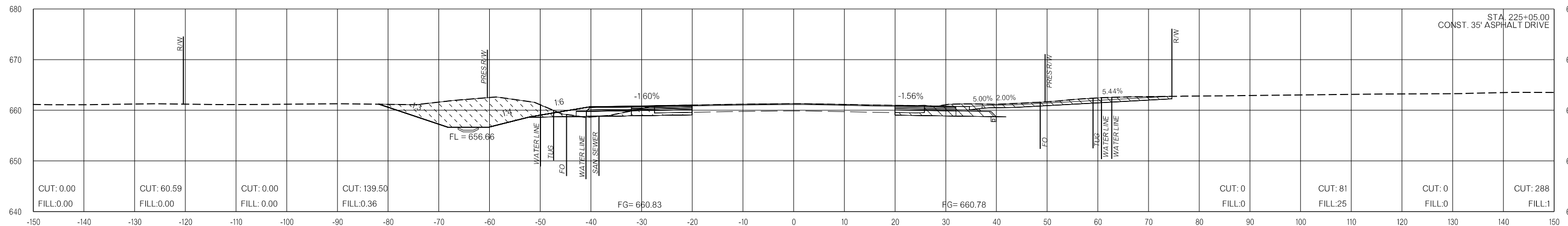
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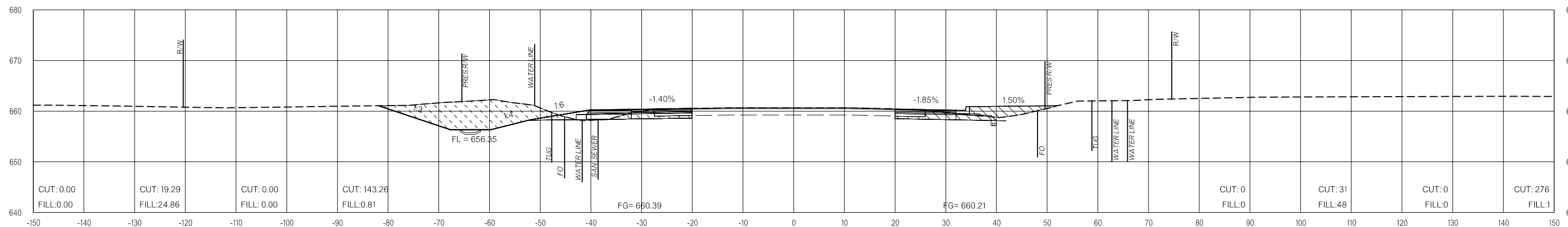
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225+50.00



225+05.00



224+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

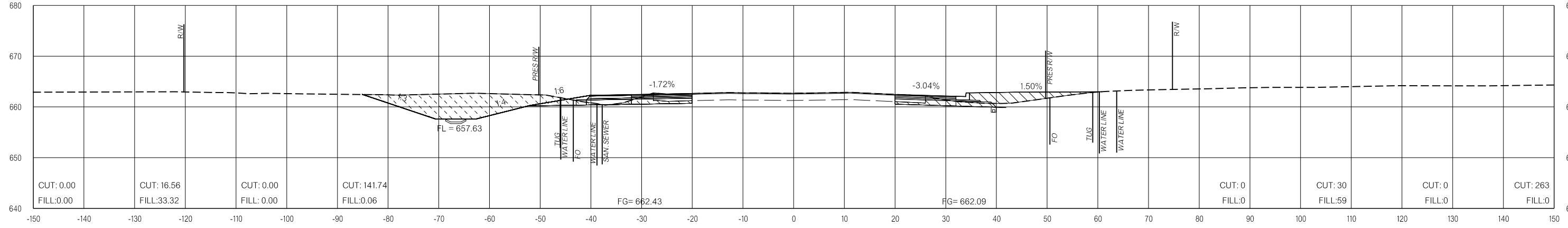
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 26-JUN-2024

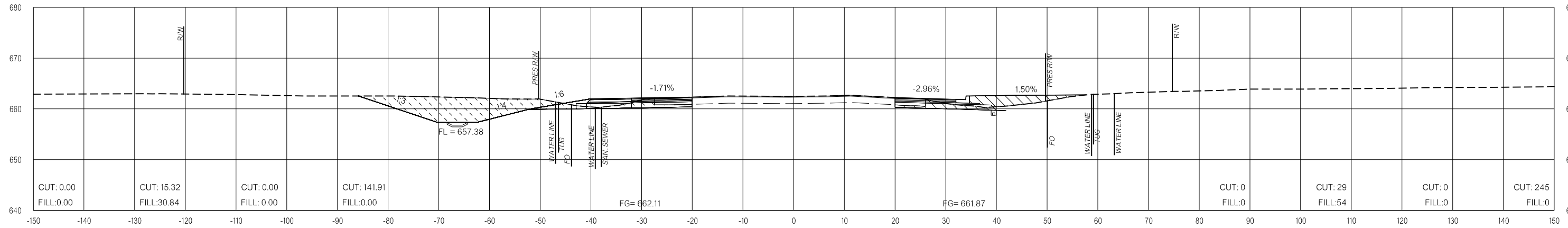
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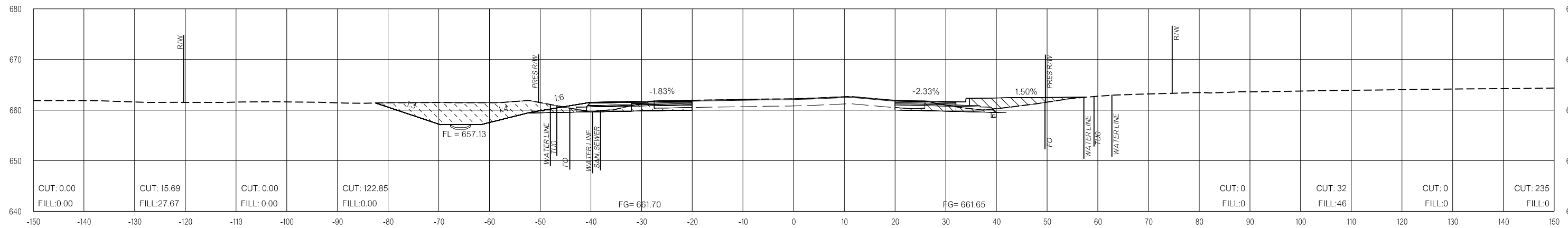
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227+00.00



226+50.00



226+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04\CrossSections.dgn

US-69

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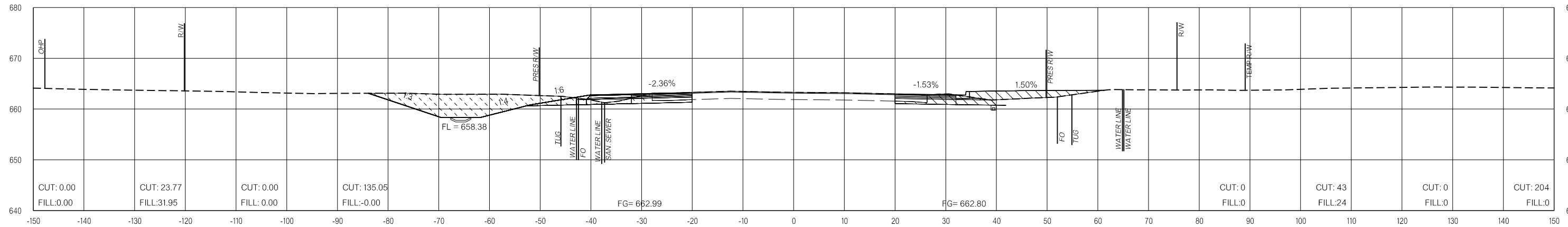
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**FINAL FIELD
MEETING**
26-JUN-2024

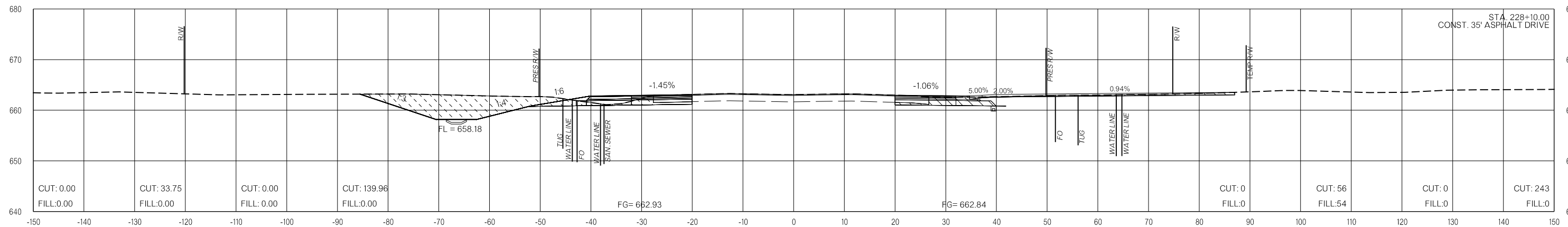
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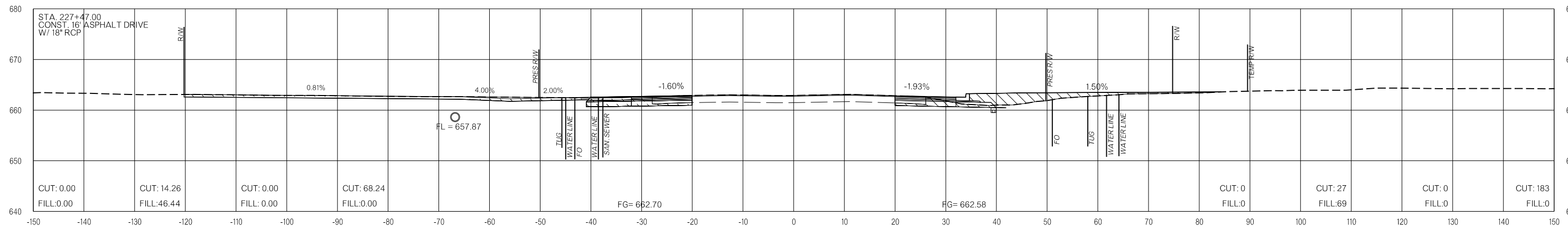
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228+50.00



228+10.00



227+47.00

LEGEND			
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	PHASE 2		PHASE 3

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US-69

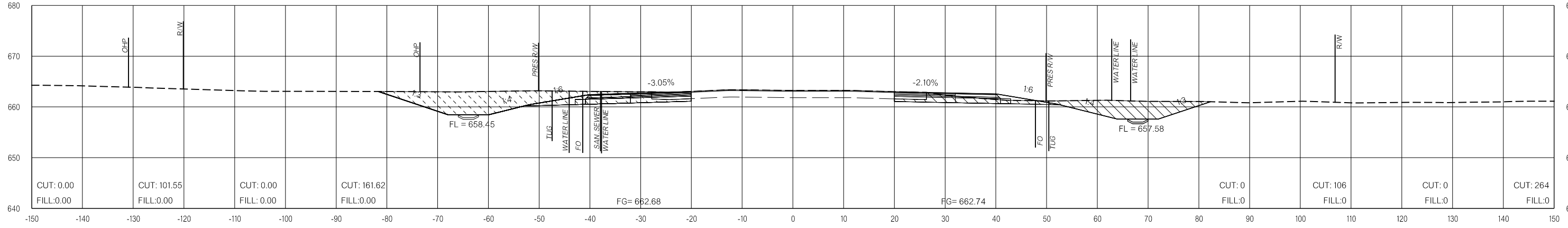
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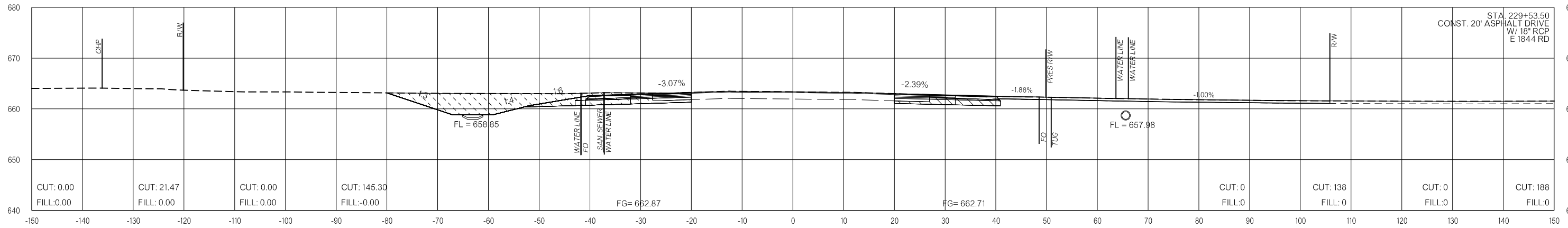
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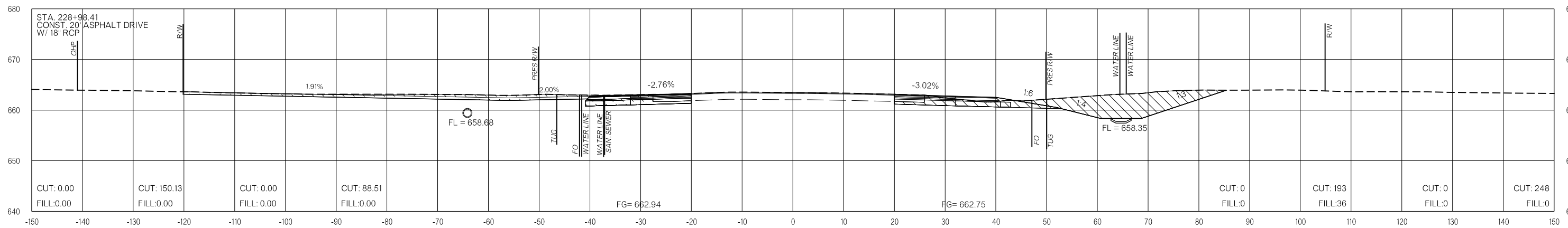
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230+00.00



229+53.50



229+10.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

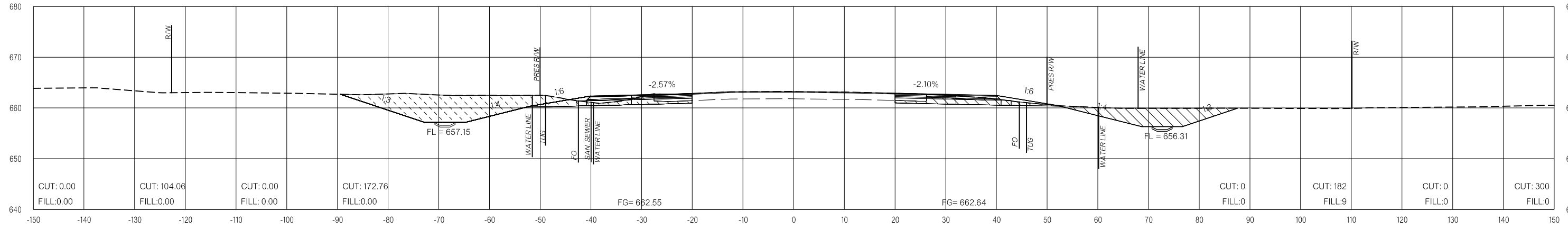
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26-JUN-2024

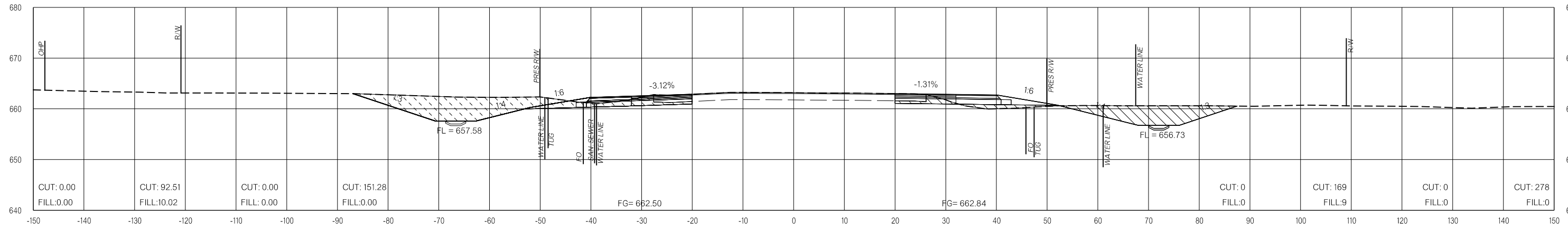
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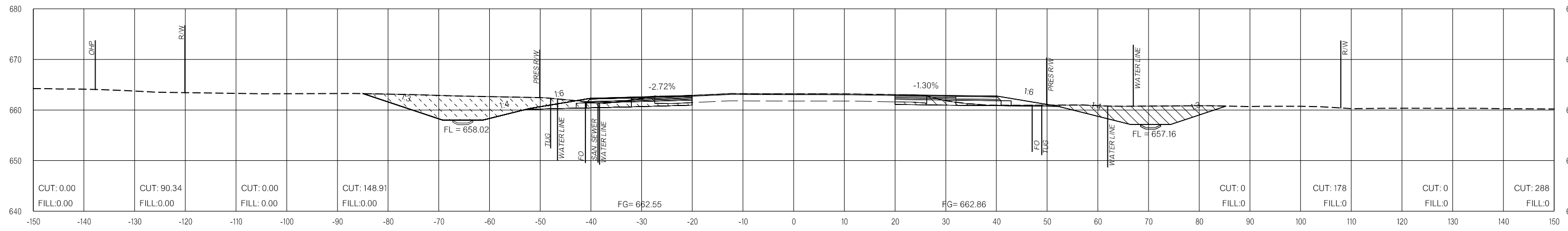
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231+50.00



231+00.00



230+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

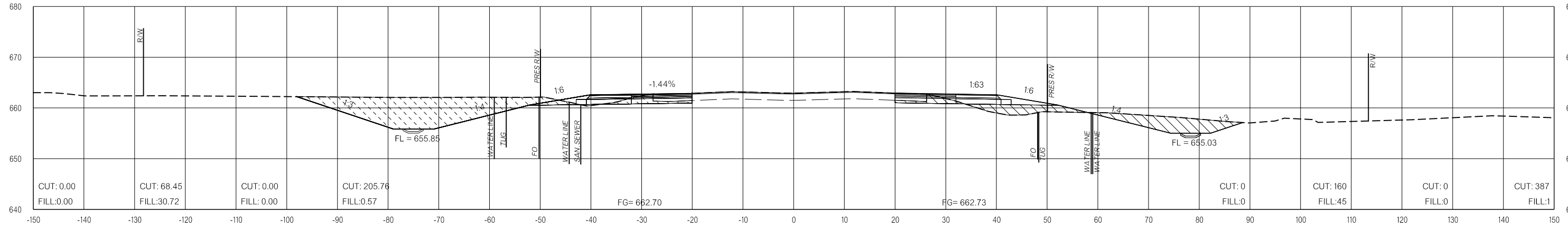
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**FINAL FIELD
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26-JUN-2024

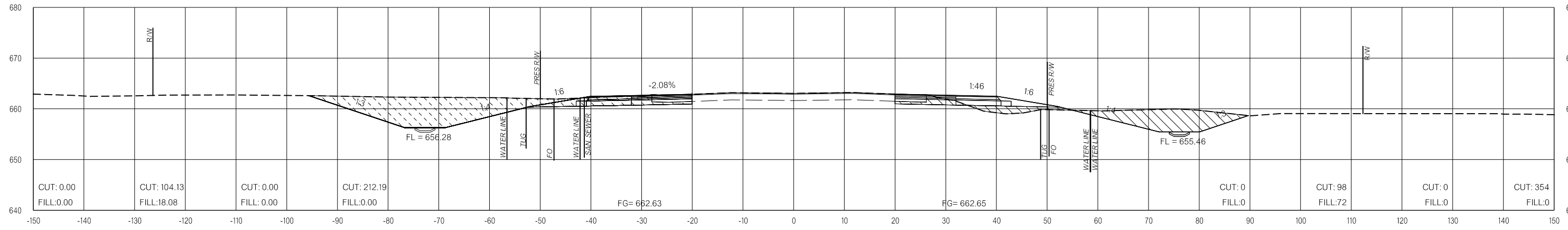
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VOLUMES (CY)

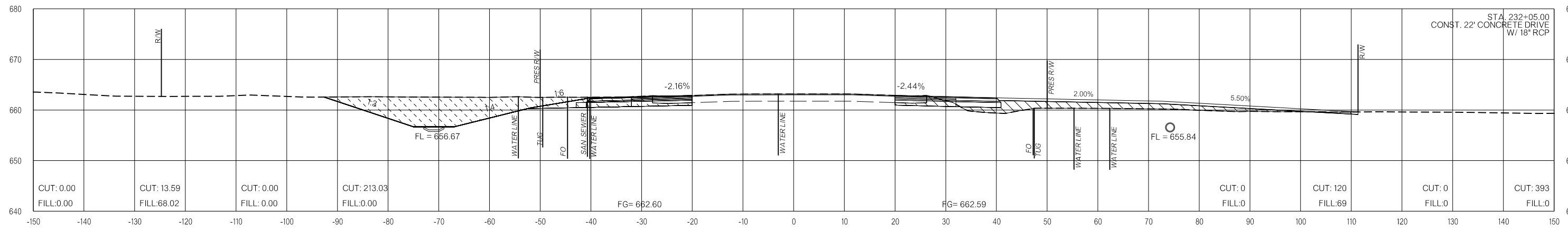
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233+00.00



232+50.00



232+05.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

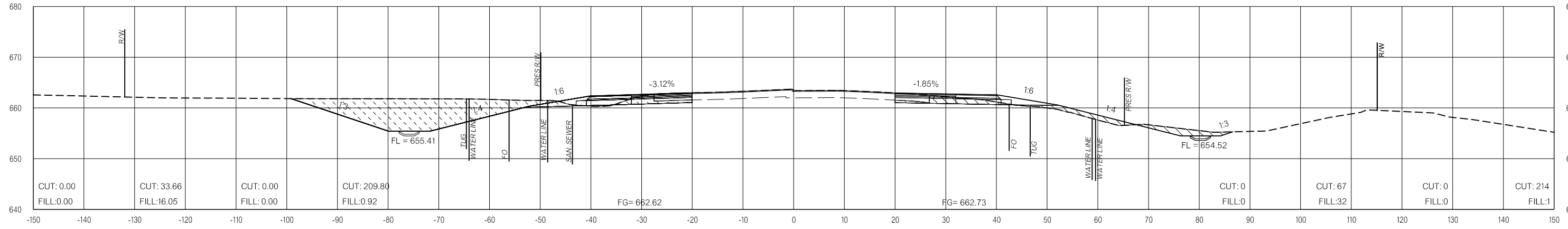
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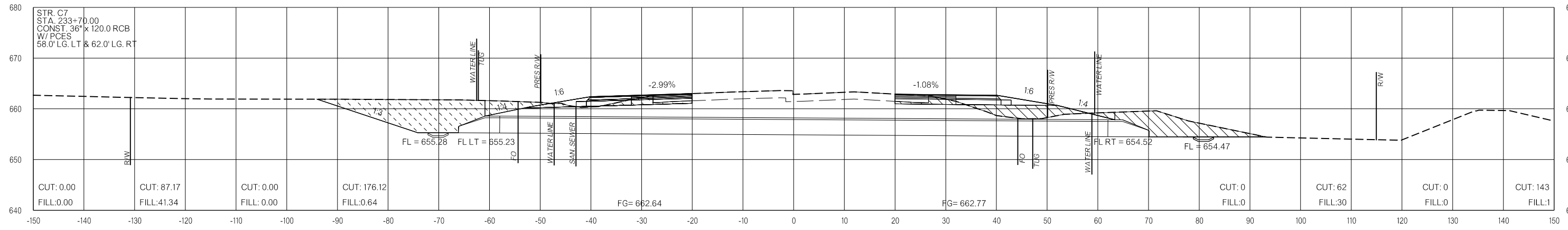
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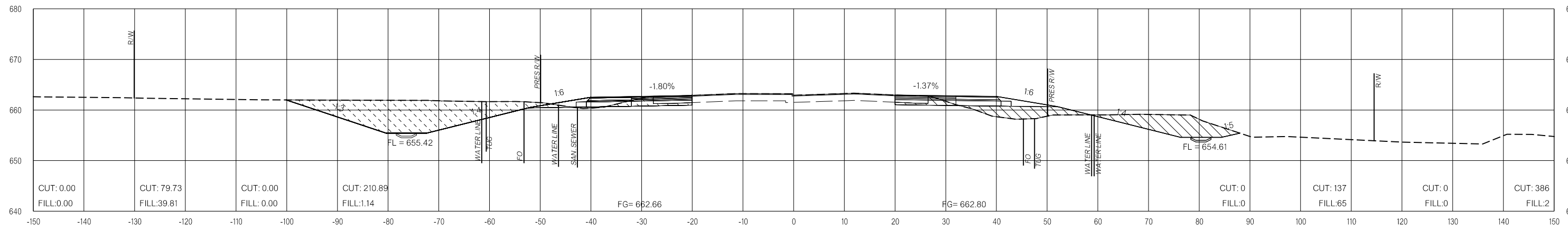
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234+00.00



233+70.00



233+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

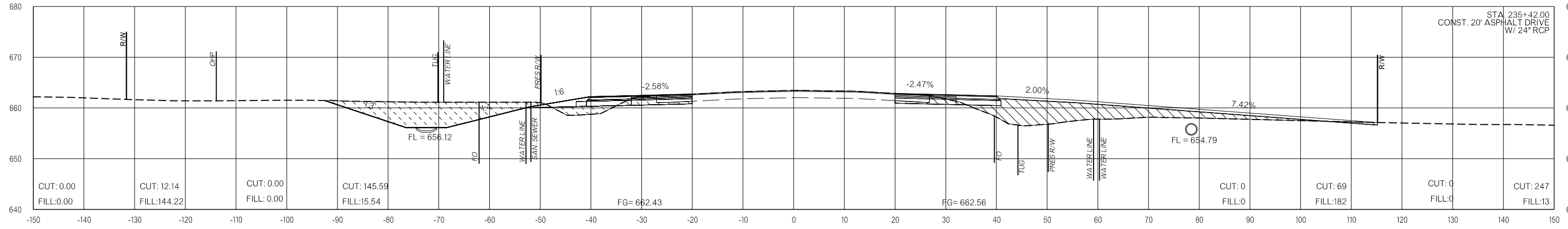
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26-JUN-2024

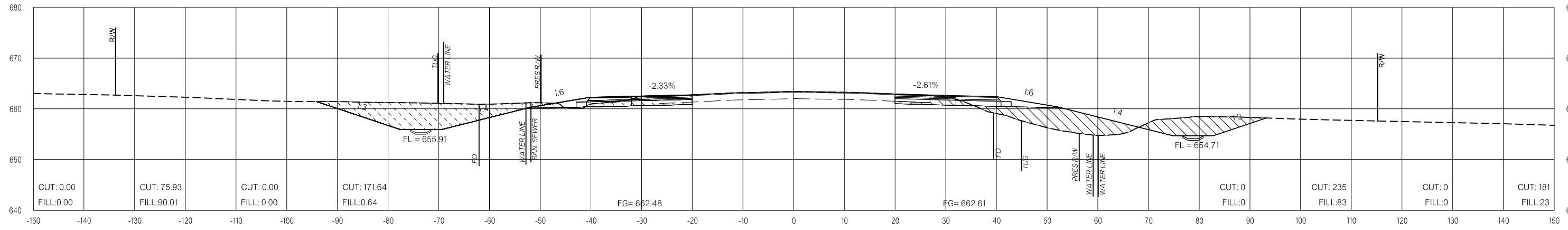
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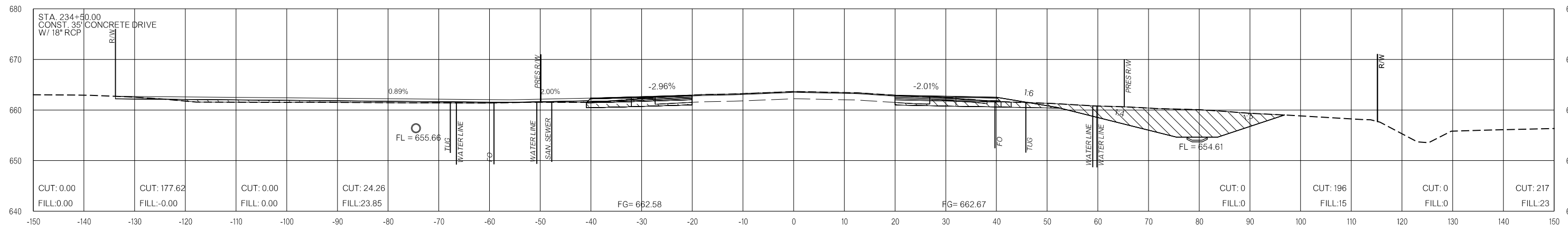
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



235+42.00



235+00.00



234+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

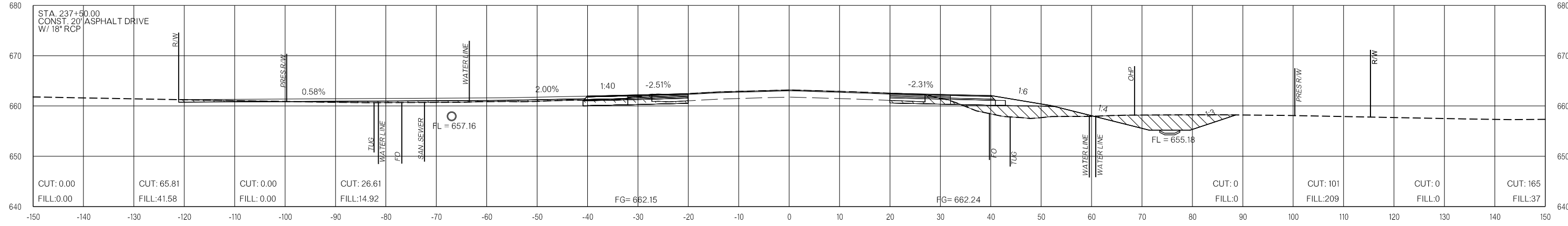
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26-JUN-2024

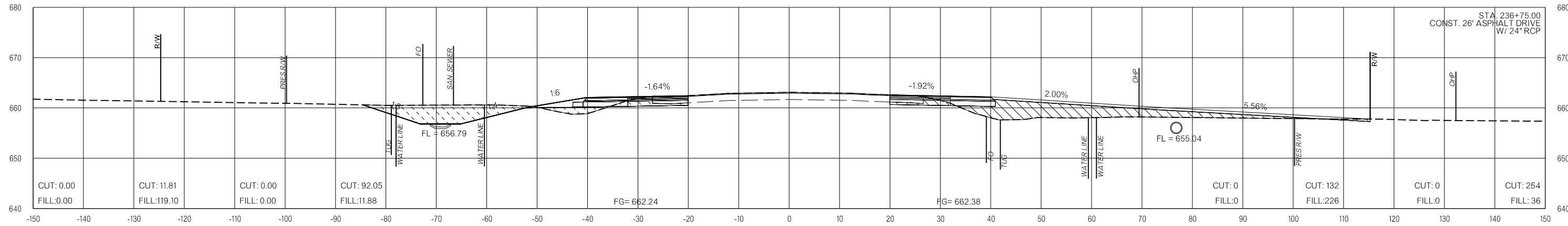
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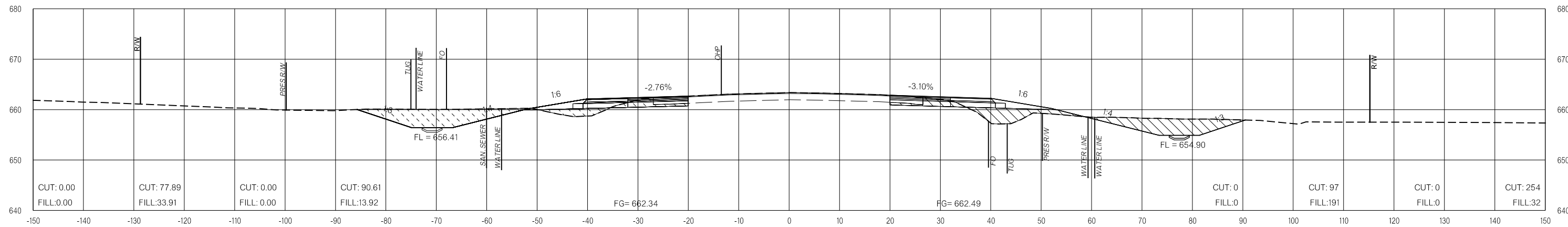
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



237+50.00



236+75.00



236+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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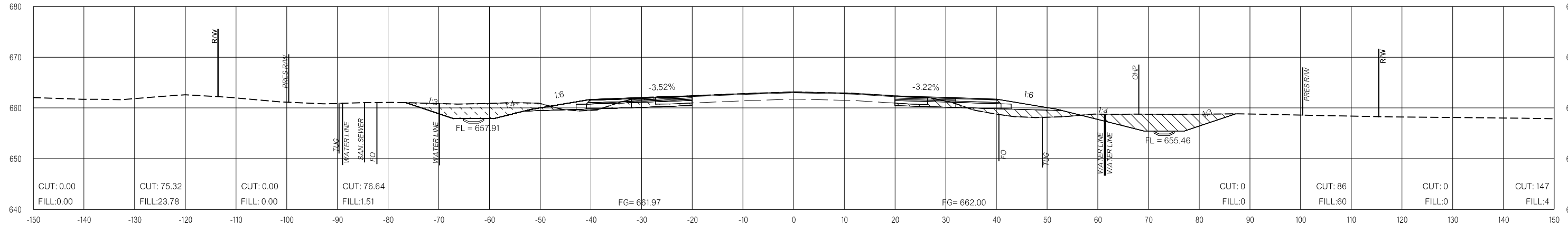
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MEETING**
26-JUN-2024

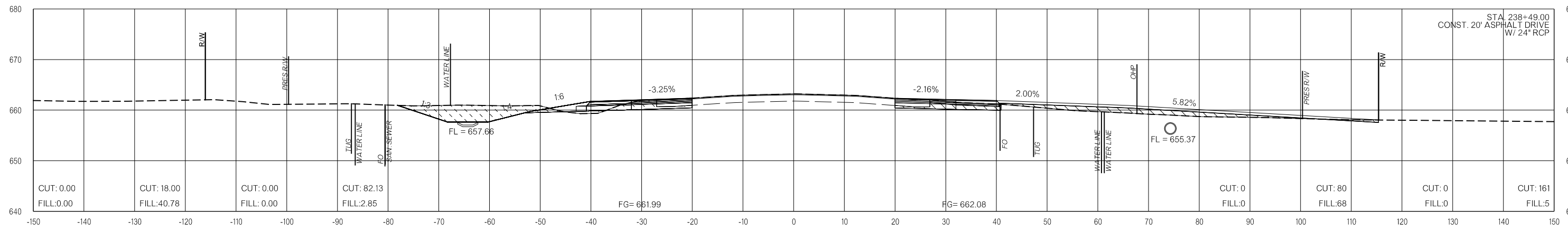
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VOLUMES (CY)

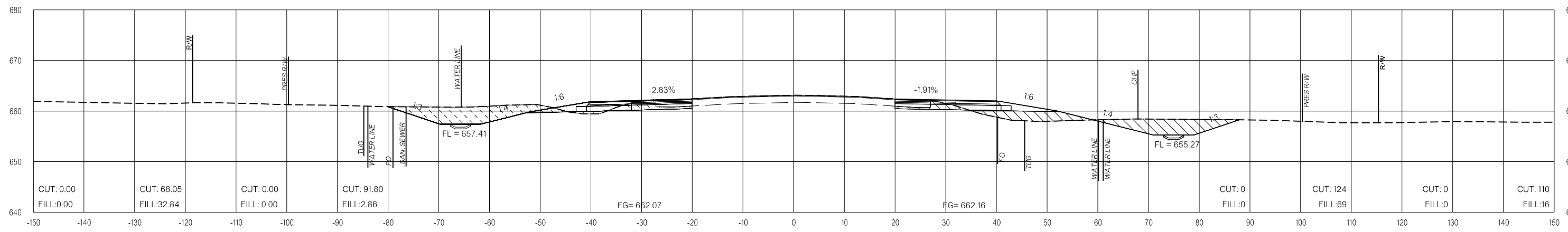
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



239+00.00



238+50.00



238+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

US-69

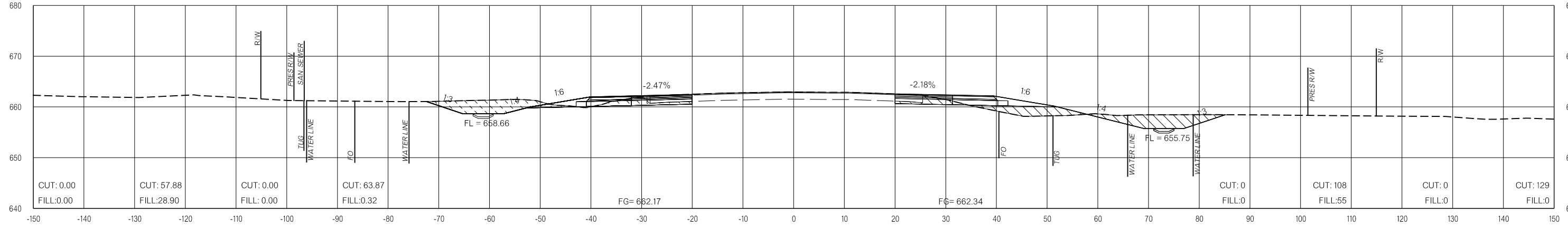
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**FINAL FIELD
MEETING**
26-JUN-2024

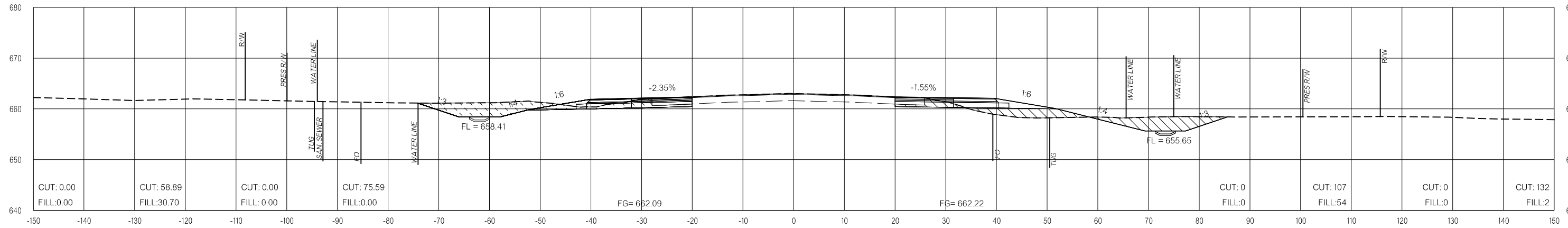
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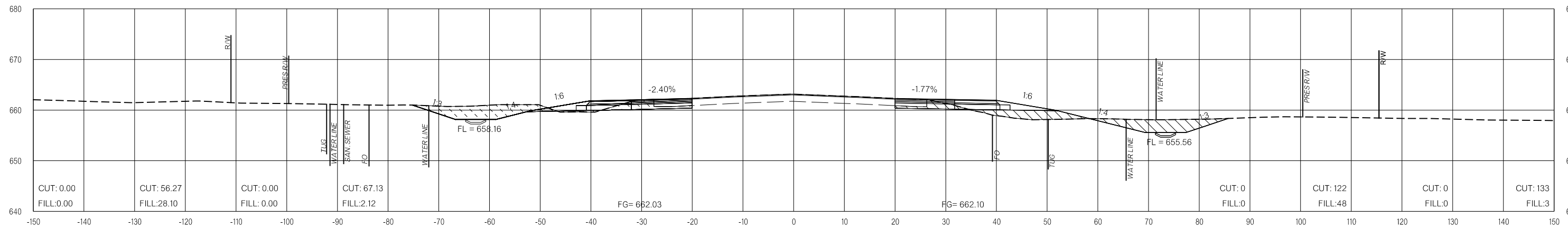
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240+50.00



240+00.00



239+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

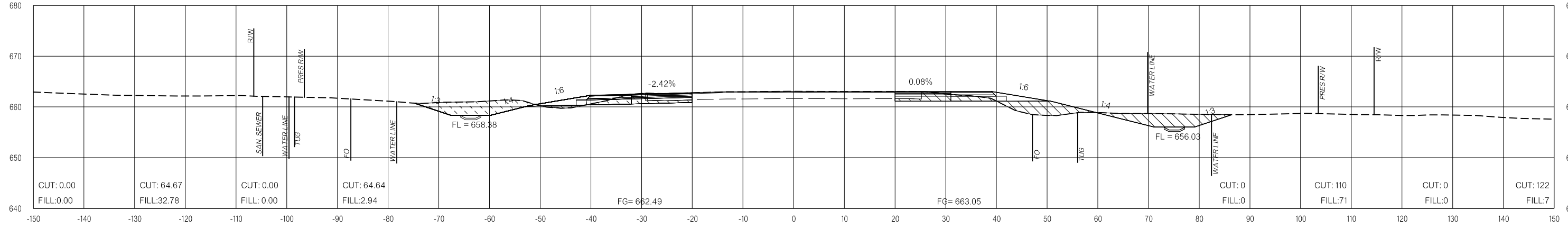
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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

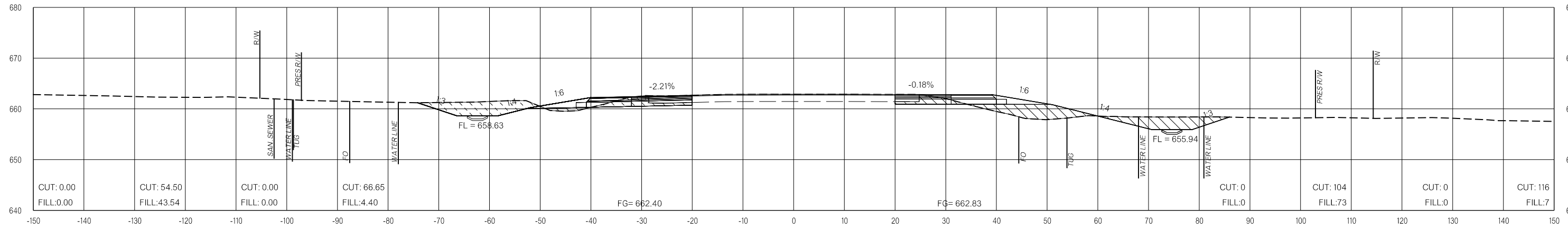
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VOLUMES (CY)

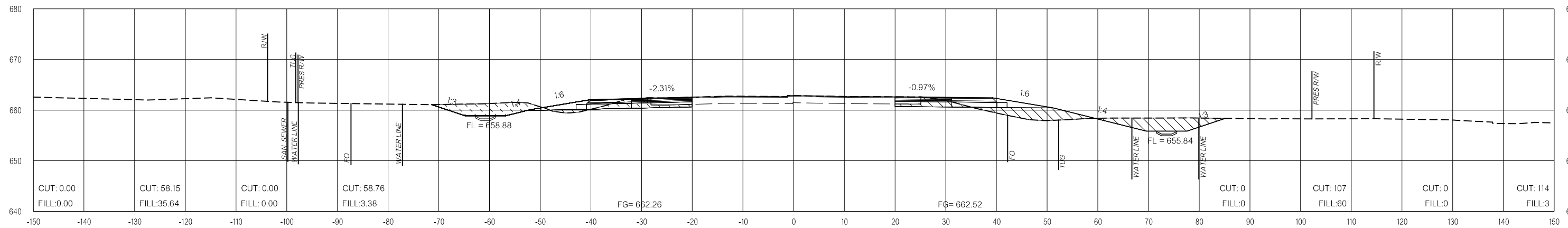
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242+00.00



241+50.00



241+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

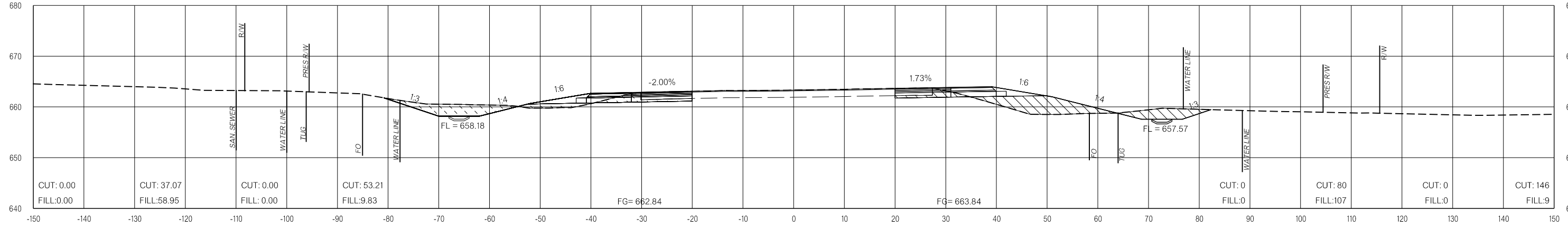
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FINAL FIELD MEETING
 26-JUN-2024

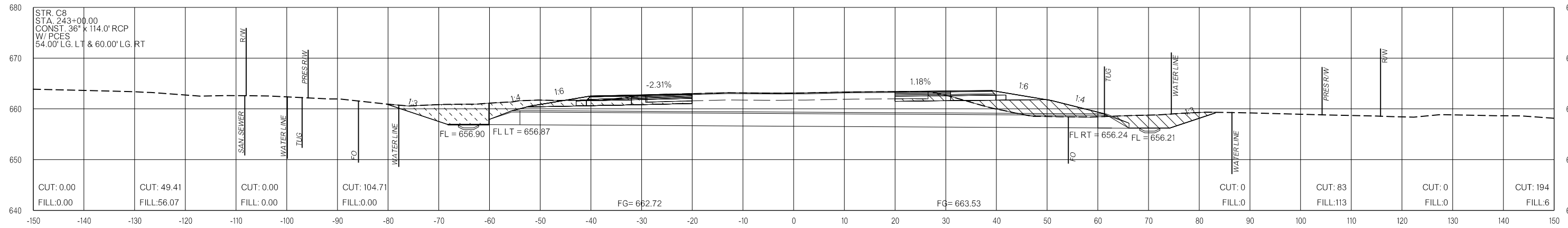
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VOLUMES (CY)

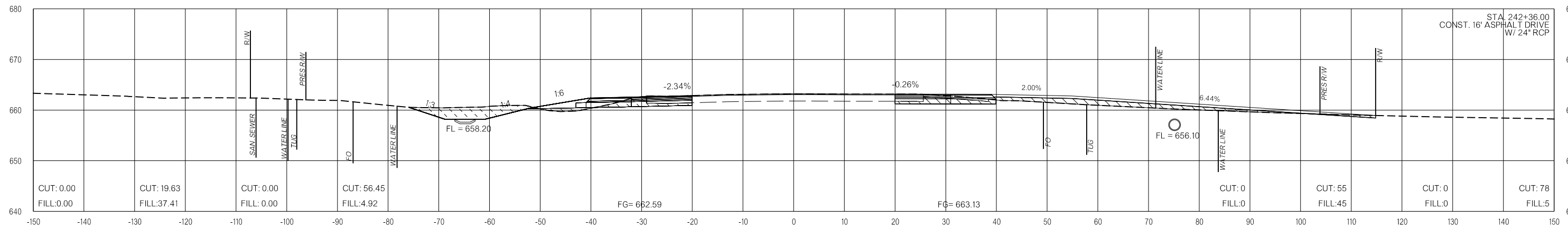
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243+50.00



243+00.00



242+35.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

US-69

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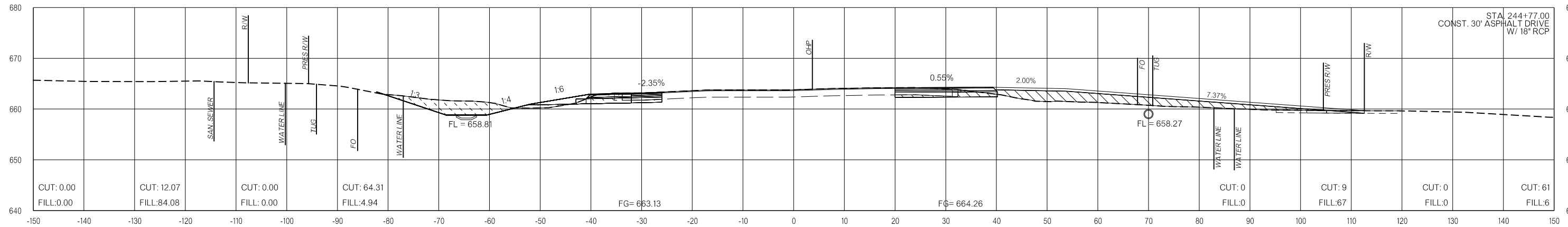
OKLAHOMA DEPARTMENT OF TRANSPORTATION

**FINAL FIELD
MEETING**
26-JUN-2024

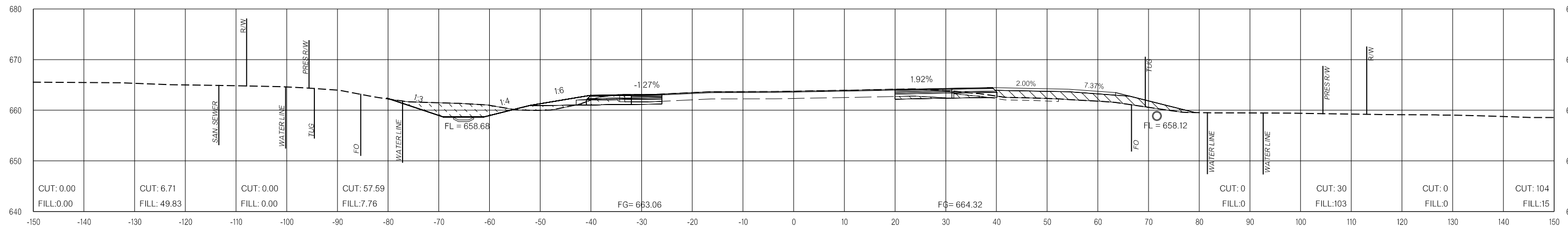
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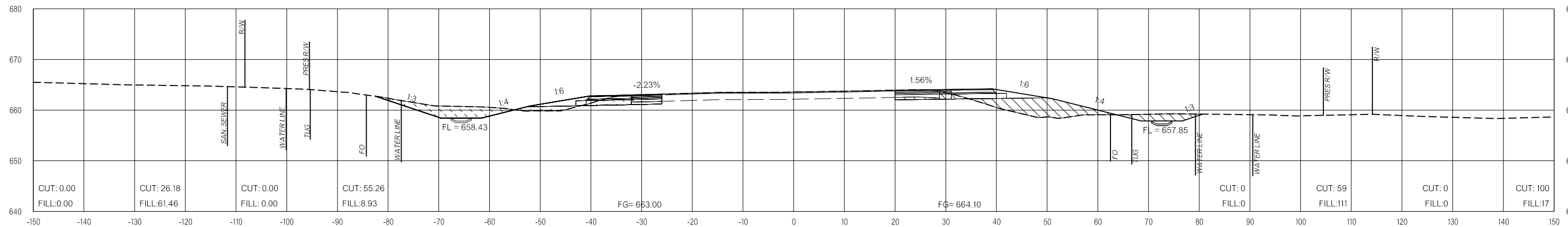
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244+77.00



244+50.00



244+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

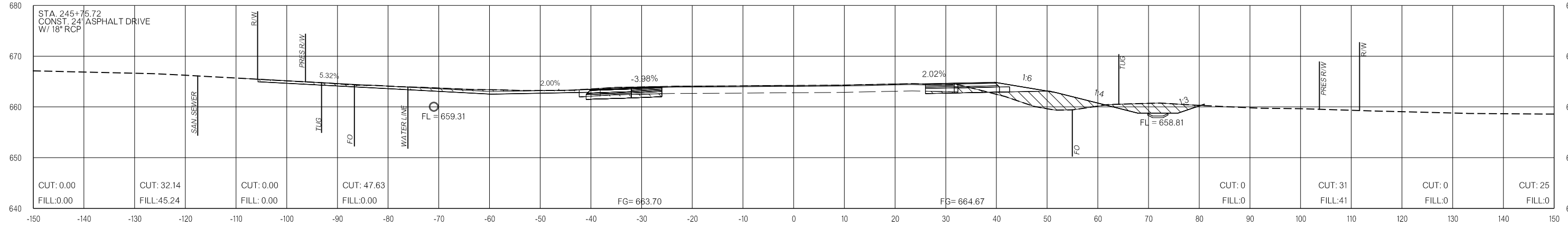
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FINAL FIELD MEETING
 26-JUN-2024

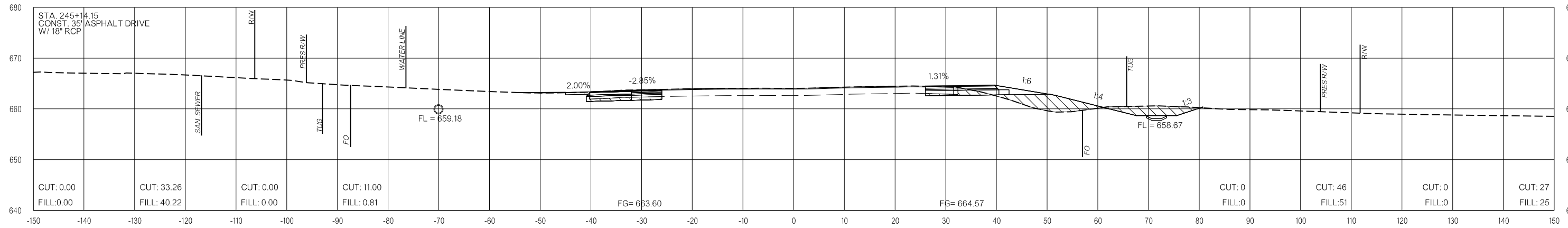
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VOLUMES (CY)

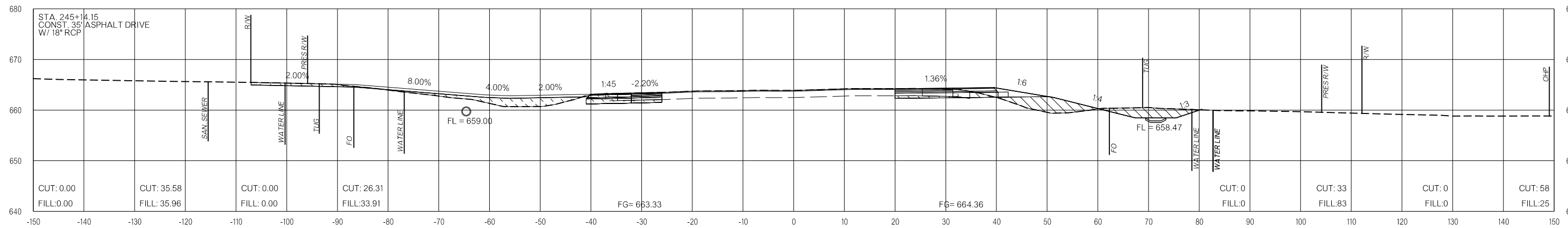
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245+75.72



245+50.00



245+14.15

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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US-69

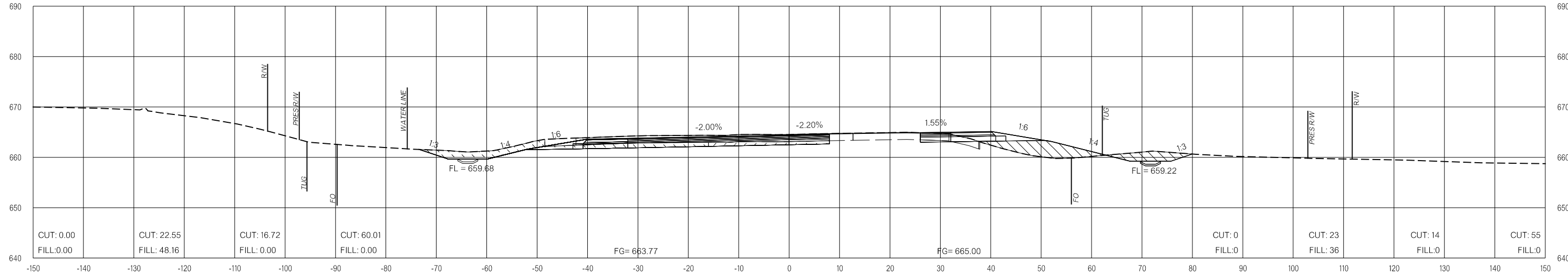
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**FINAL FIELD
MEETING**
26-JUN-2024

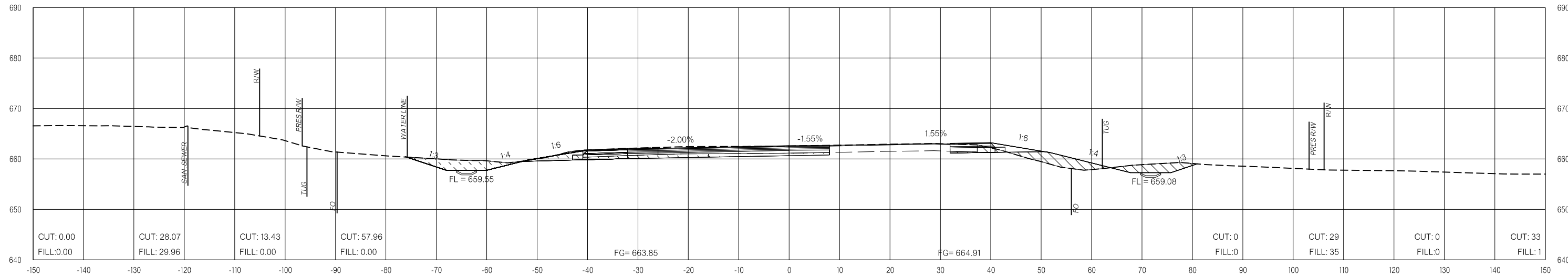
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VOLUMES (CY)

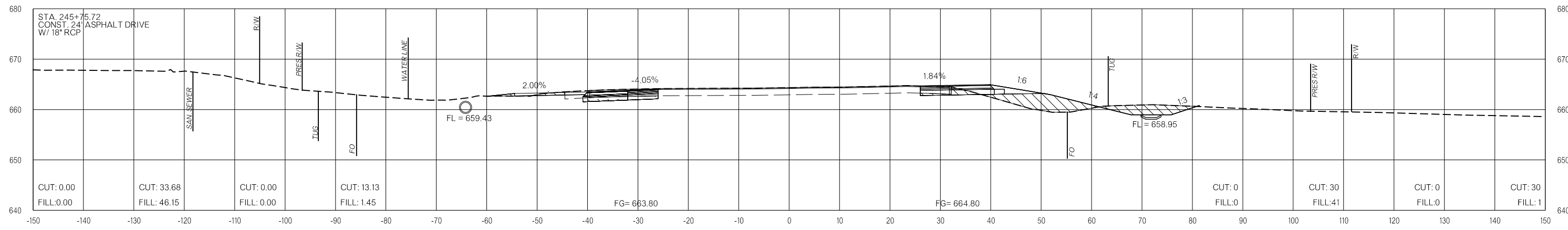
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246+50.00



246+25.00



246+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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**FINAL FIELD
MEETING**
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

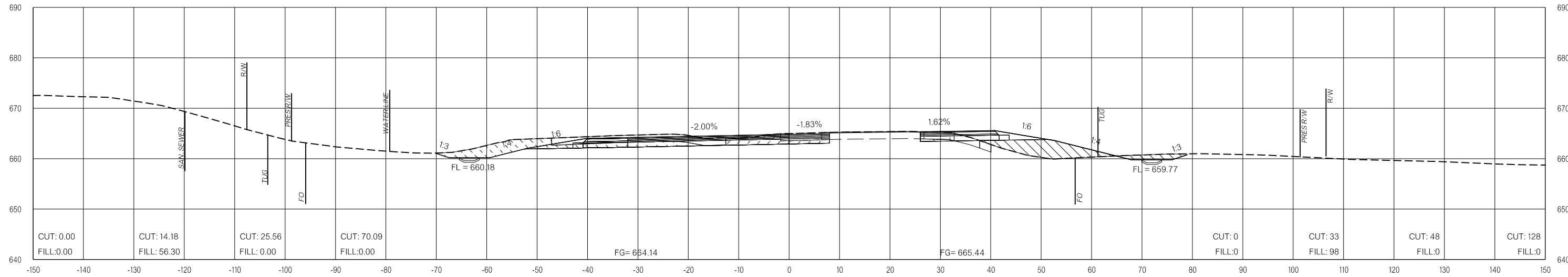
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PRE-CONSTRUCTION

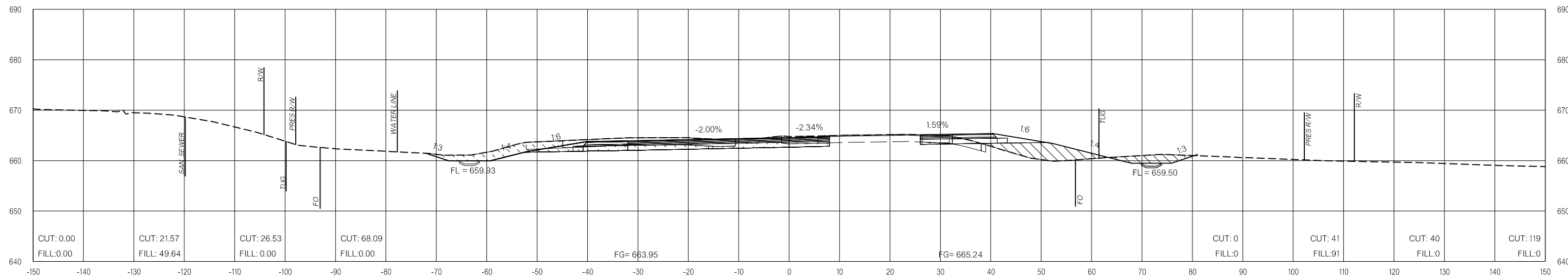
PHASE 1

PHASE 2

PHASE 3



247+50.00



247+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\3041004\CrossSections.dgn

US-69

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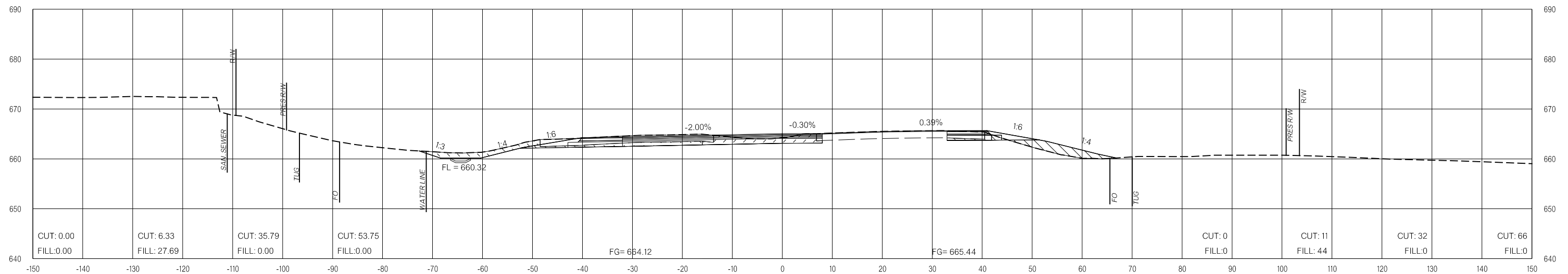
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 3 PHASE 3

26-JUN-2024 pw://pw-int.hmb.org:PWCentralDiv/Documents/Oklahoma Projects/7746 US 69 through Tushka/Production/Roadway/30410(04)-CrossSections.dgn



LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

247+78.03
END PROJECT & BEGIN PROJECT JP 35732(04)

BOGGY DEPOT

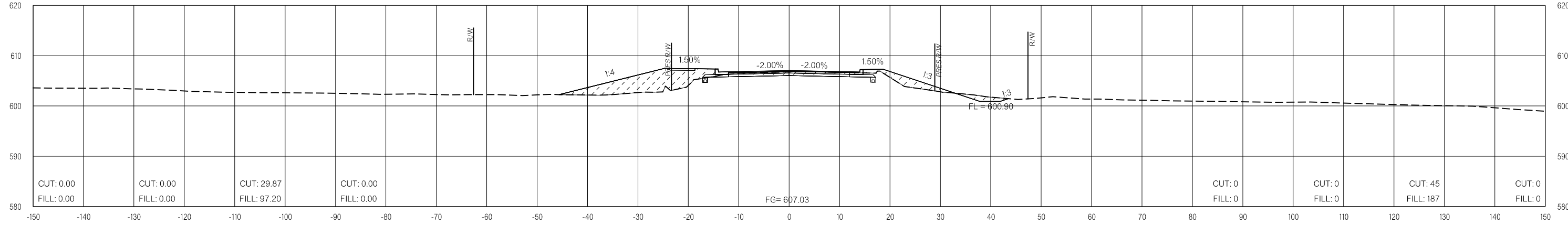
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 26-JUN-2024

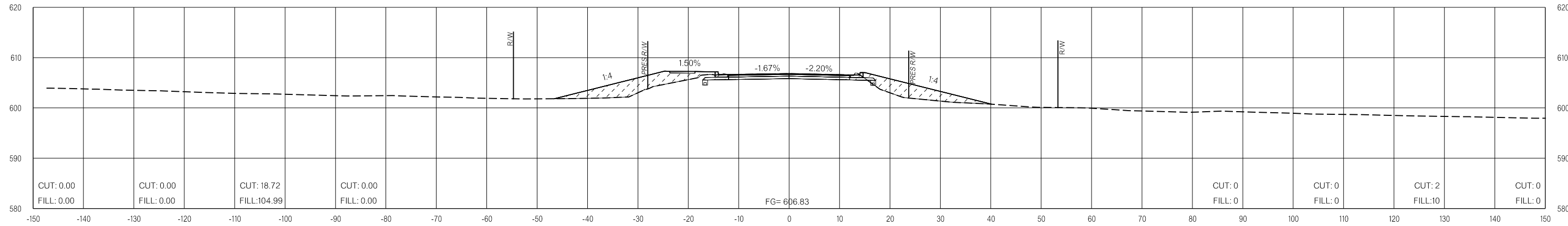
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VOLUMES (CY)

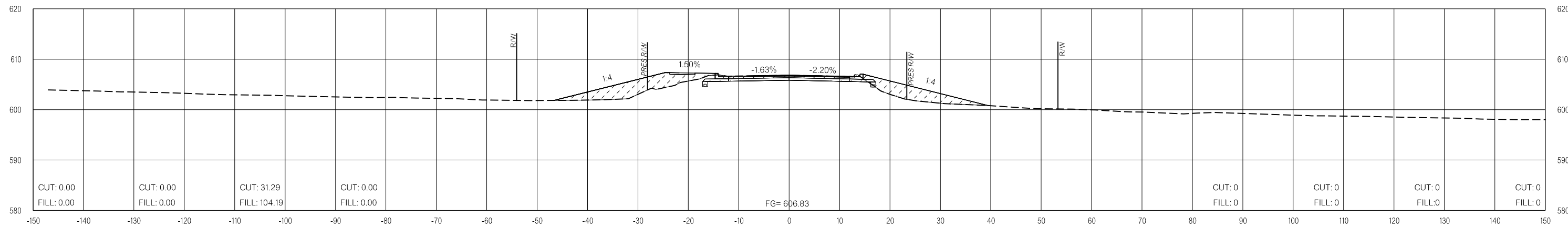
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12+50.00



12+00.00



11+97.31

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

BOGGY DEPOT

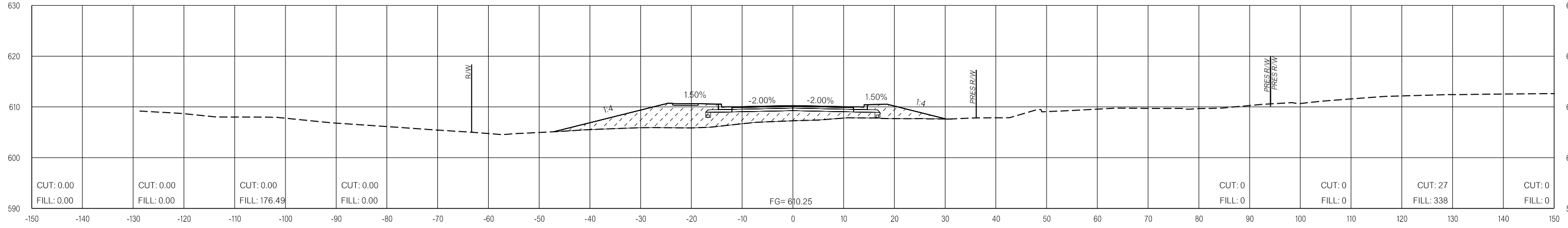
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FINAL FIELD MEETING
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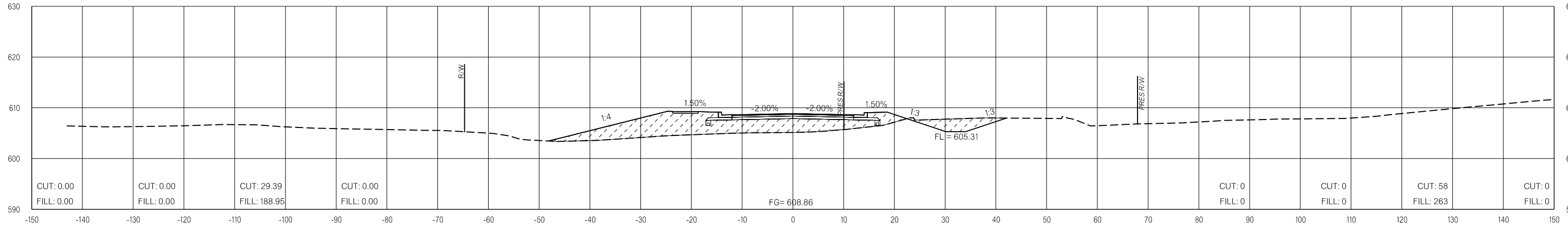
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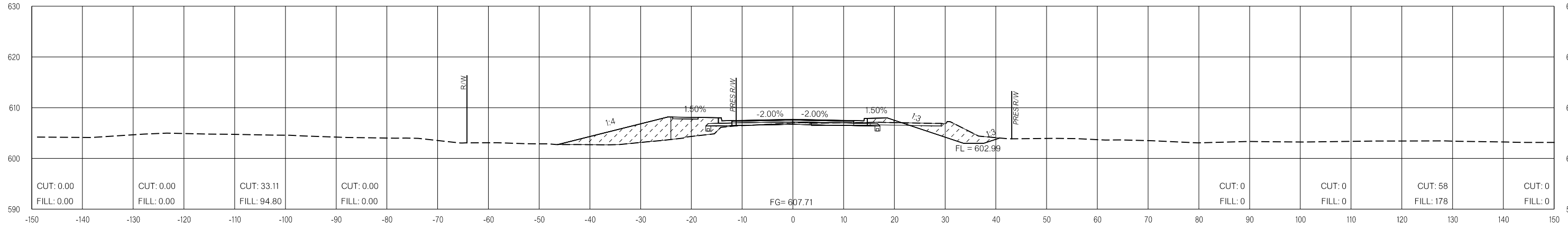
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14+00.00



13+50.00



13+00.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

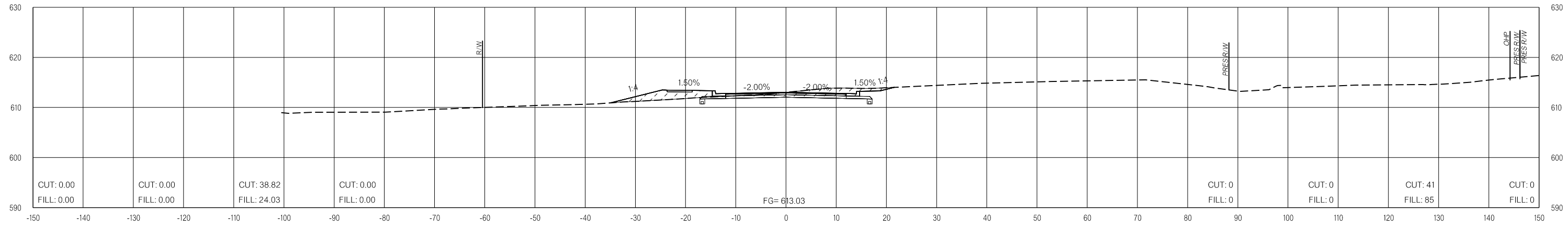
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PRE-CONSTRUCTION

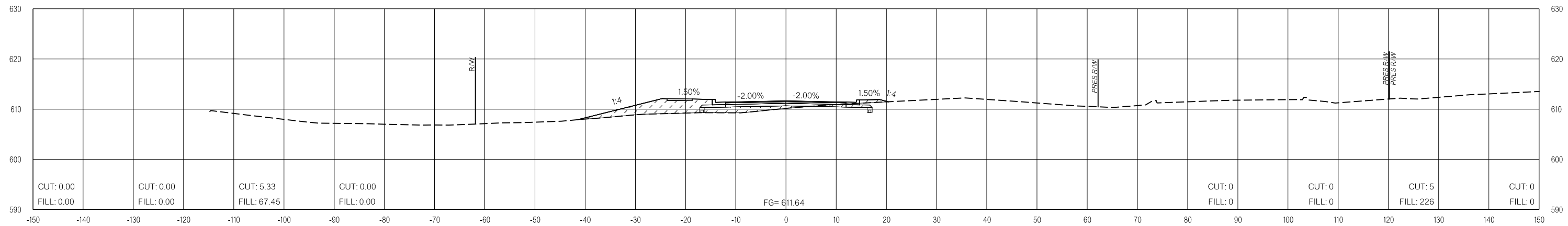
PHASE 1

PHASE 2

PHASE 3



15+00.00



14+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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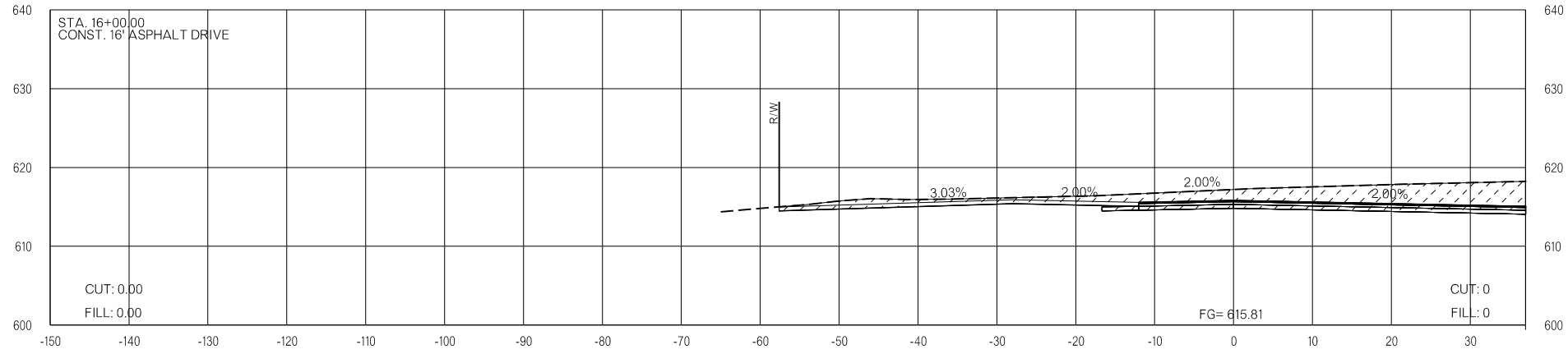
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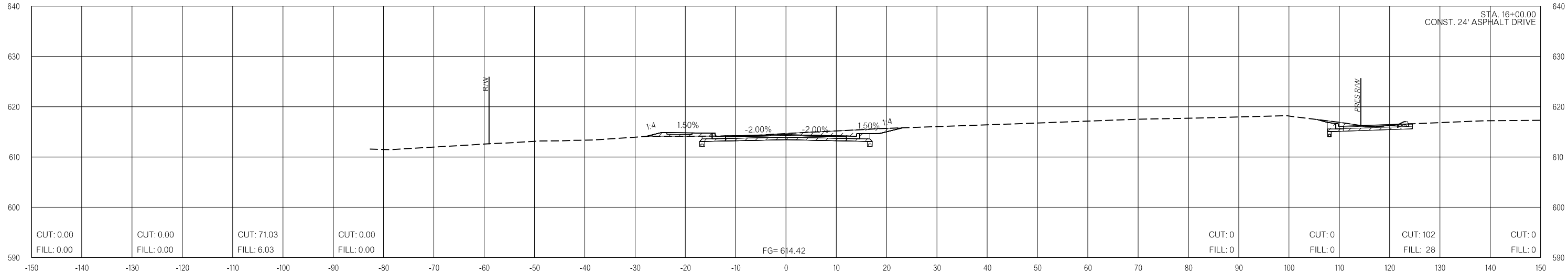
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PHASE 3 PHASE 2 PHASE 1 PRE-CONSTRUCTION



16+00.00



15+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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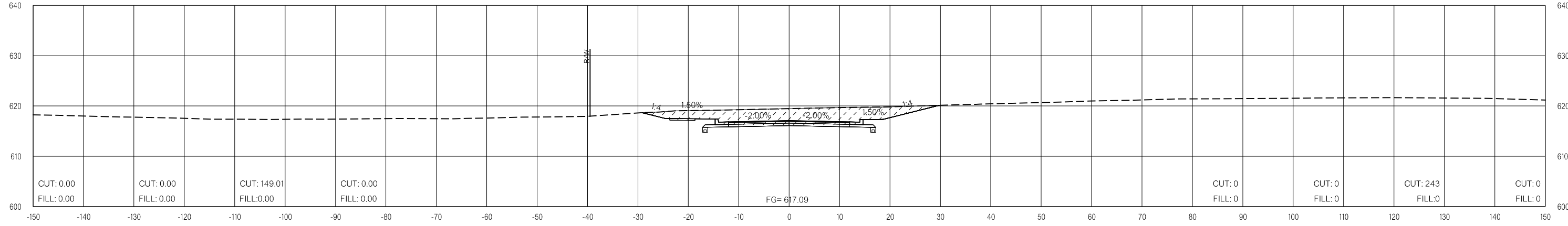
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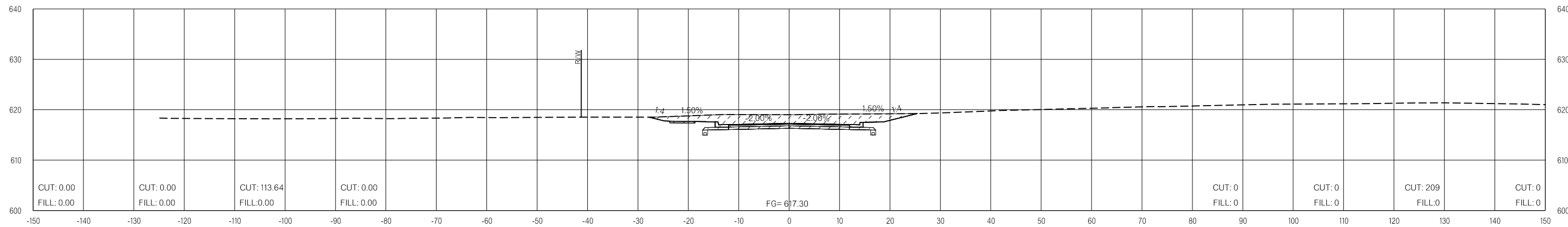
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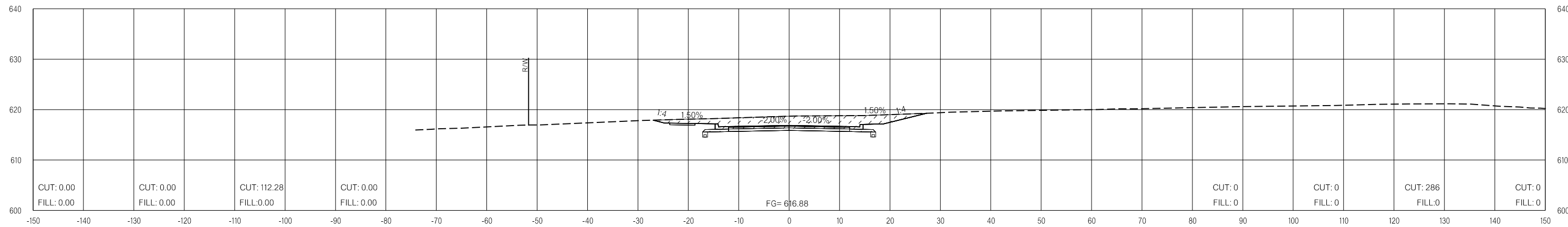
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17+50.00



17+00.00



16+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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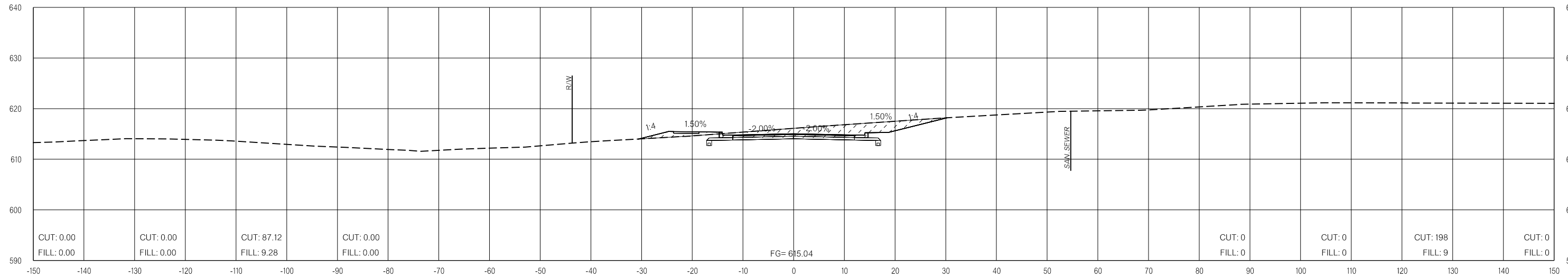
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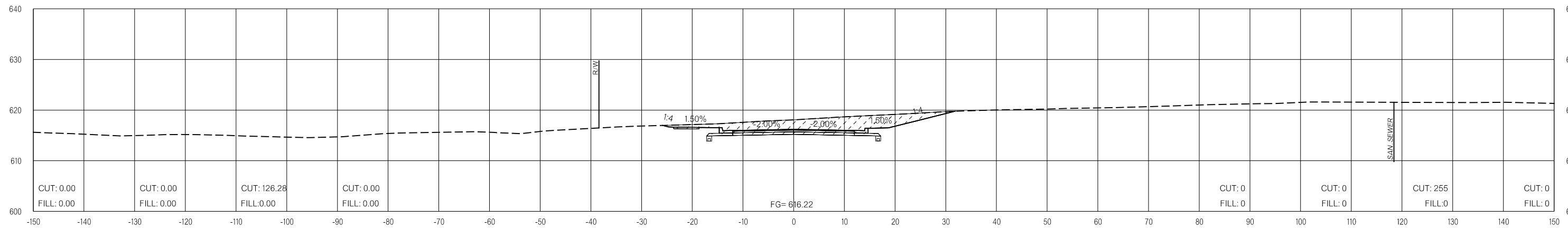
END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



18+50.00



18+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

26-JUN-2024 p:\pw-int.hmb.org\PWCentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

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FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

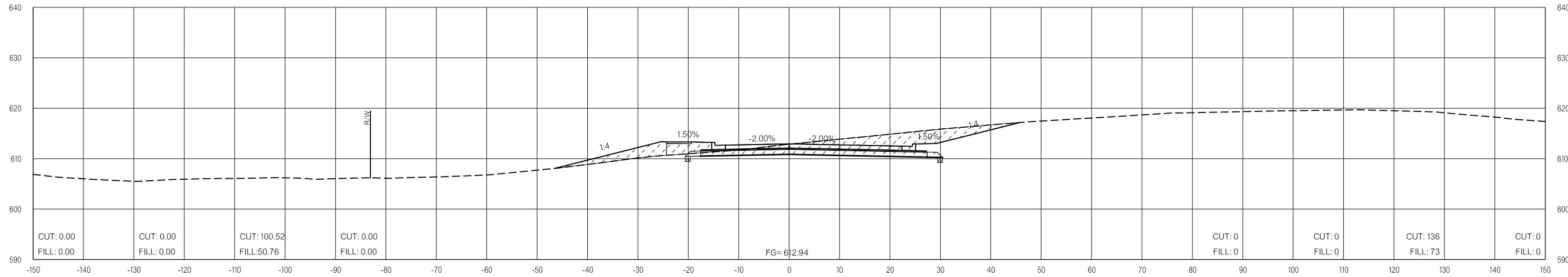
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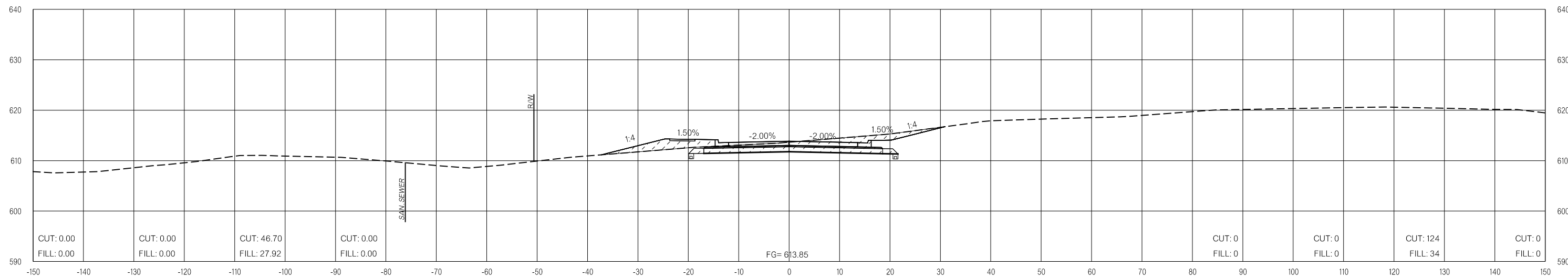
PHASE 1

PHASE 2

PHASE 3



19+50.00



19+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

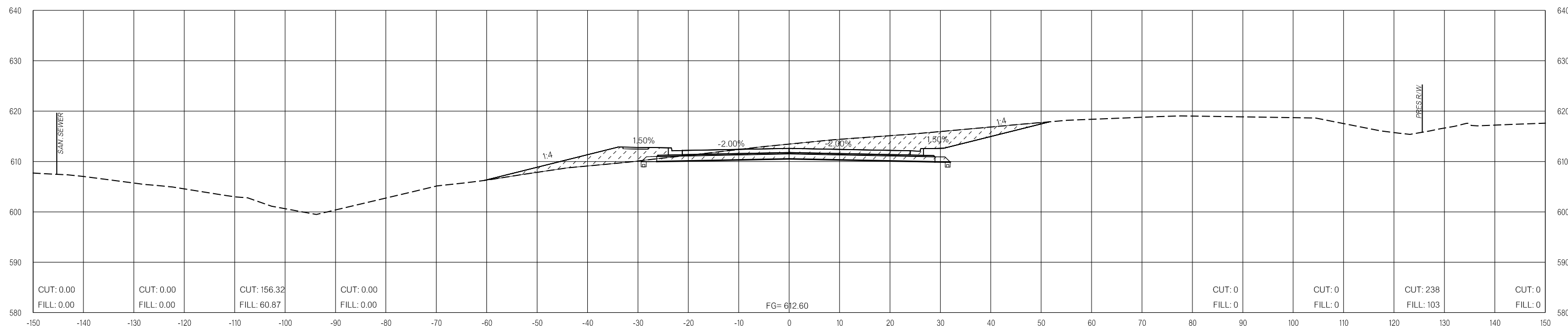
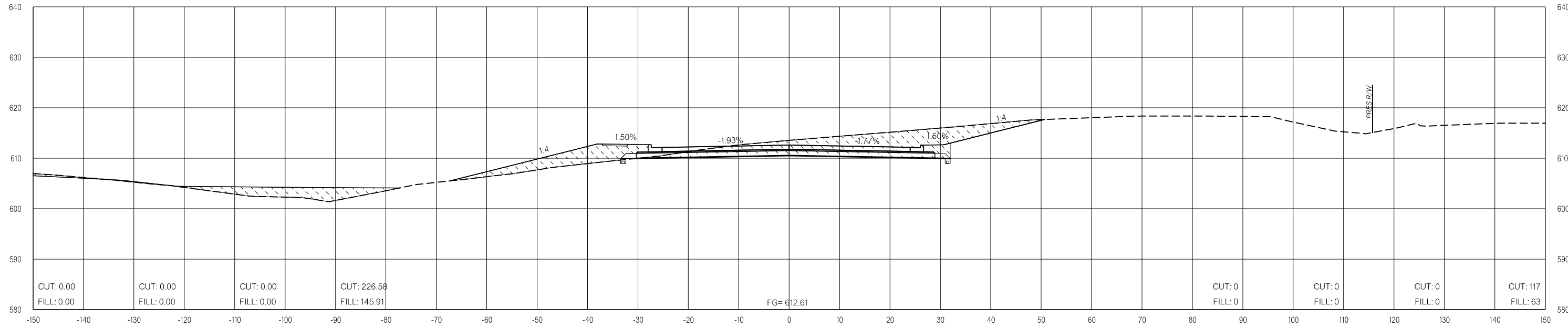
PHASE 3

PRE-CONSTRUCTION

PHASE 1

PHASE 2

PHASE 3



LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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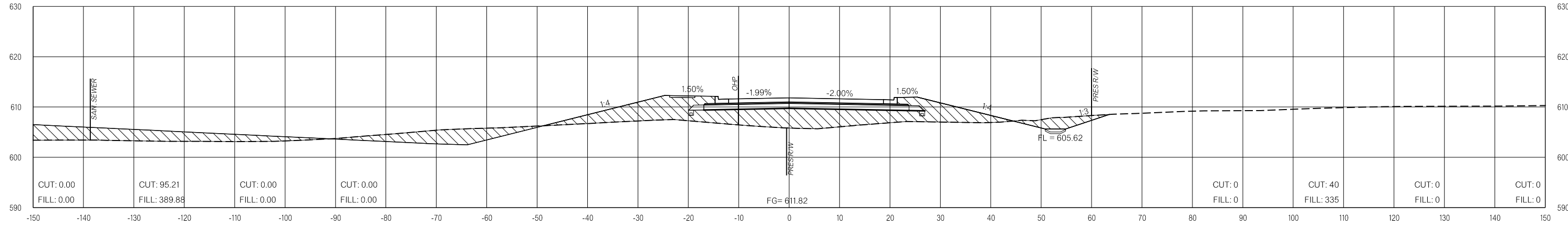
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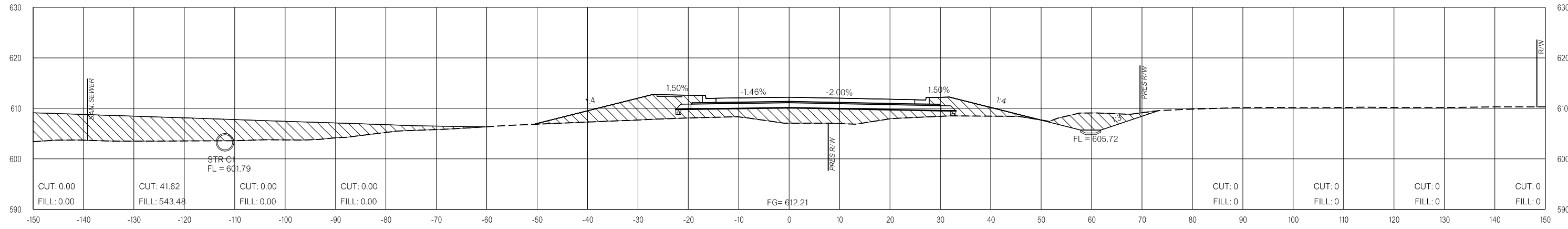
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VOLUMES (CY)

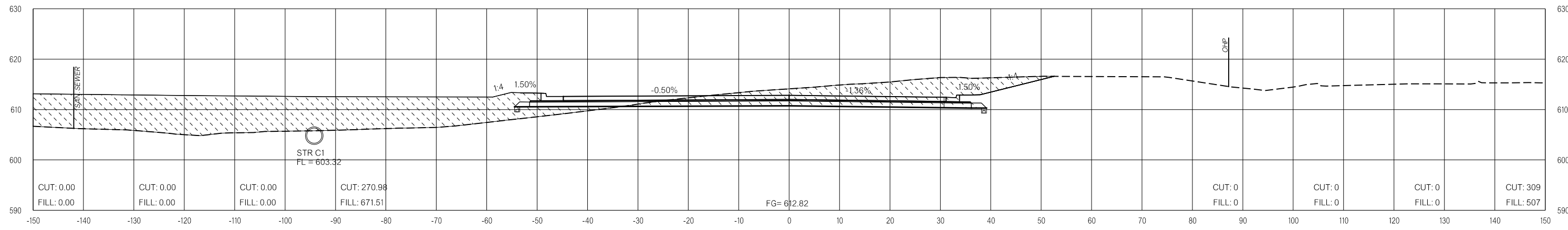
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



22+19.40



22+00.00



20+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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26-JUN-2024 p:\pw-int\hmb.org\p\CentralDiv\Documents\Oklahoma Projects\7746 US 69 through Tushka\Production\Roadway\30410\04-CrossSections.dgn

BOGGY DEPOT

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OKLAHOMA DEPARTMENT OF TRANSPORTATION
FINAL FIELD MEETING
 26-JUN-2024

END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

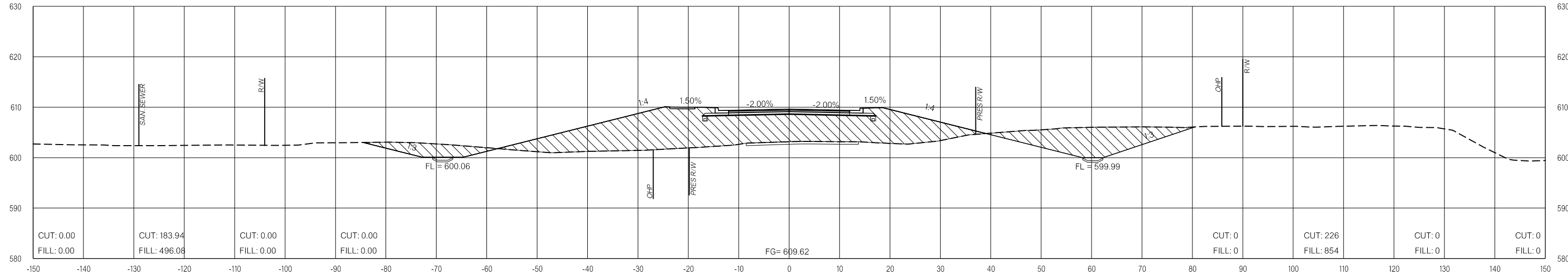
PHASE 3

PRE-CONSTRUCTION

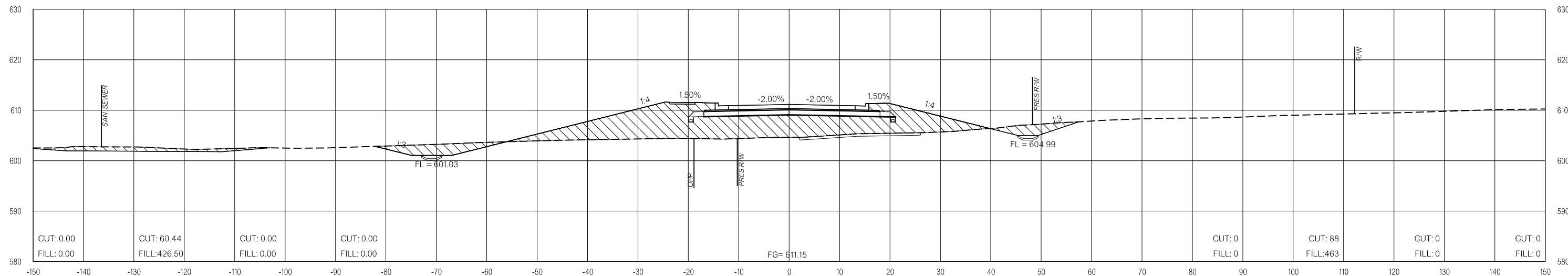
PHASE 1

PHASE 2

PHASE 3



23+00.00



22+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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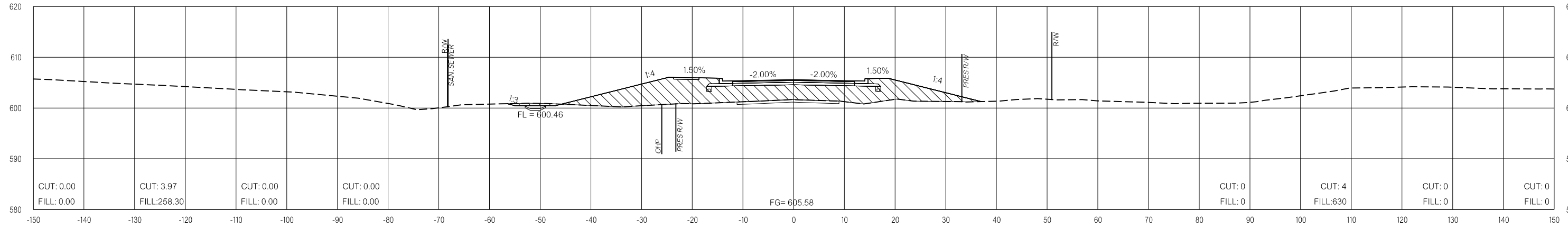
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 26-JUN-2024

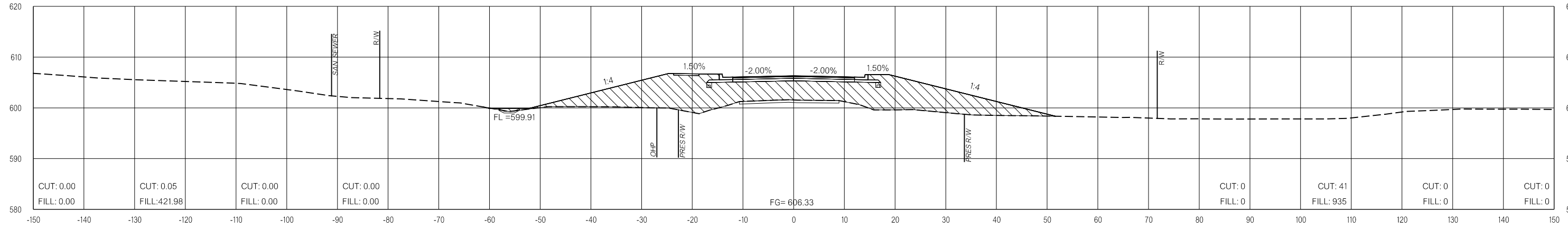
END AREAS (SF)

VOLUMES (CY)

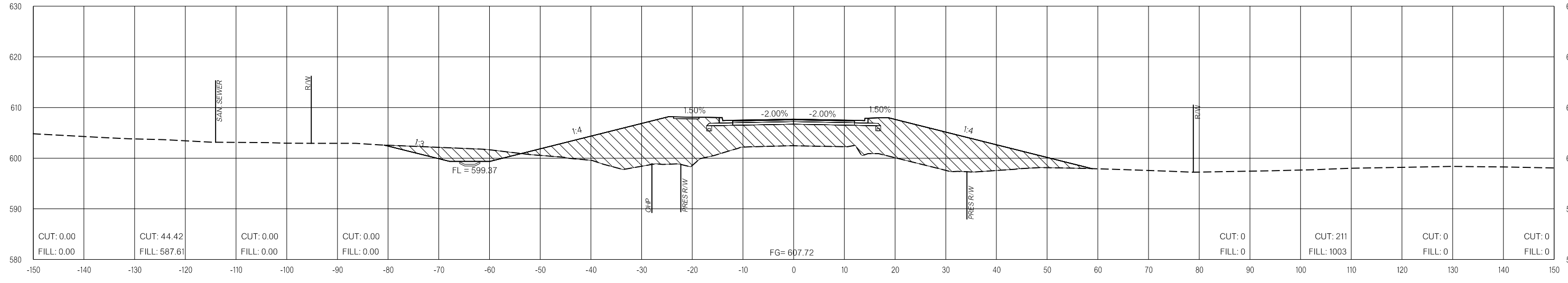
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3 PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



24+50.00



24+00.00



23+50.00

LEGEND

	PRE-CONSTRUCTION		PHASE 1		PHASE 2		PHASE 3
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END AREAS (SF)

VOLUMES (CY)

PRE-CONSTRUCTION

PHASE 1

PHASE 2

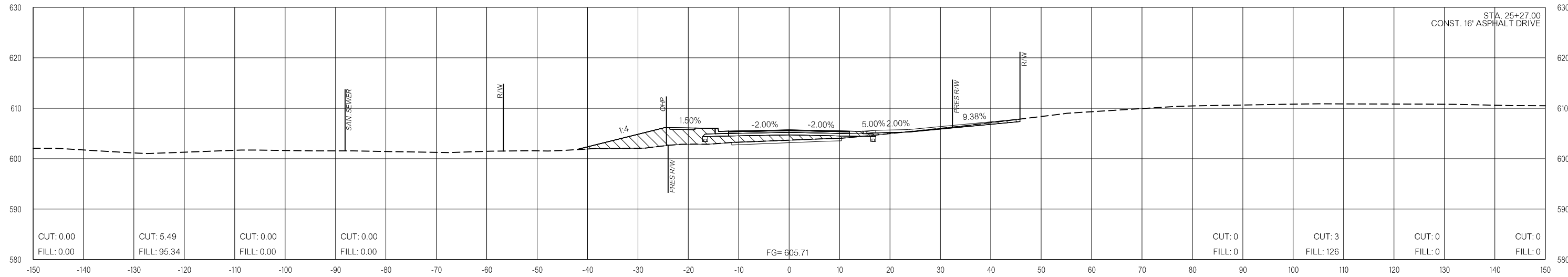
PHASE 3

PRE-CONSTRUCTION

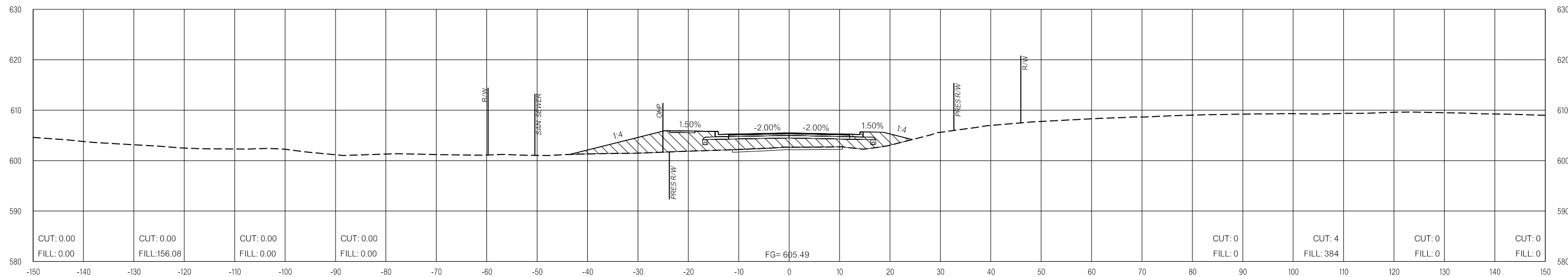
PHASE 1

PHASE 2

PHASE 3



25+27.00



25+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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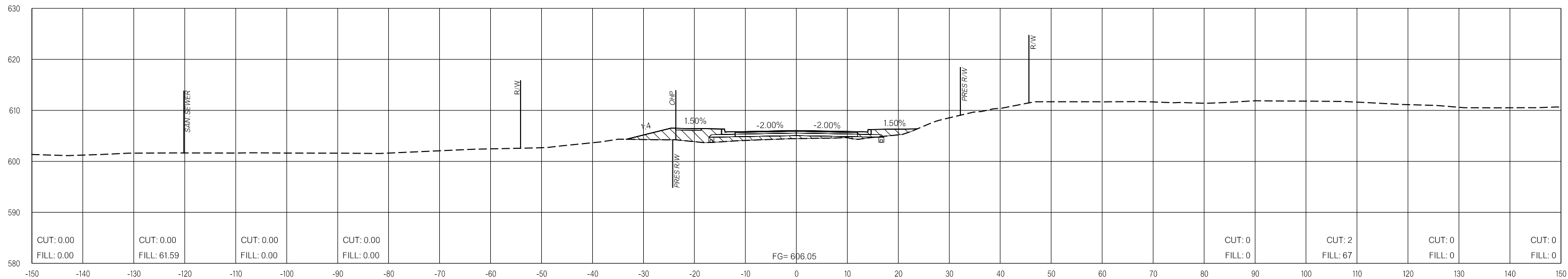
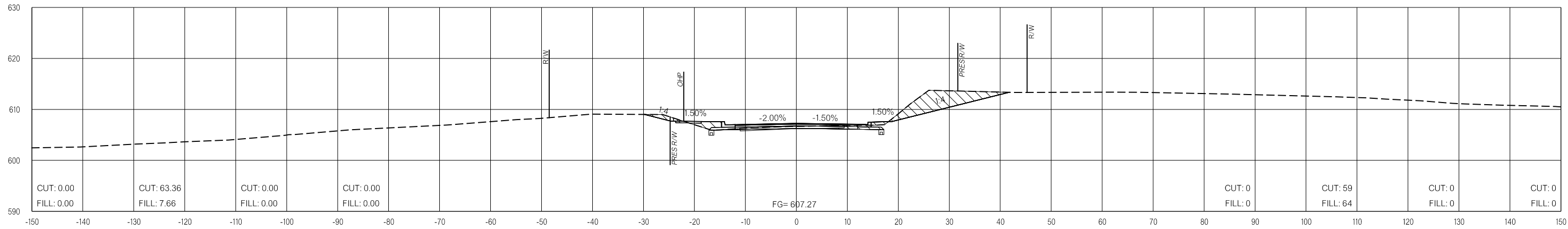
FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3



LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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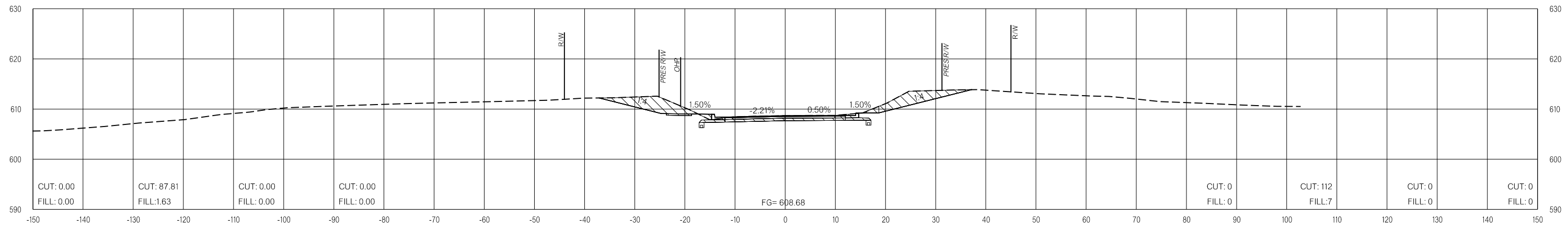
END AREAS (SF)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

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26+40.00

ACCESS RD

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FINAL FIELD MEETING
26-JUN-2024

END AREAS (SF)

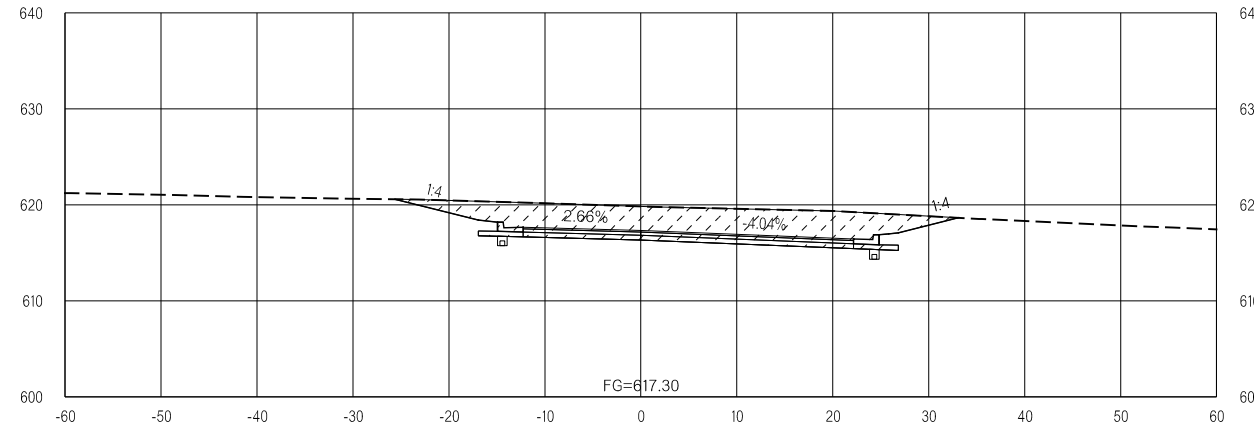
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

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FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 0.00

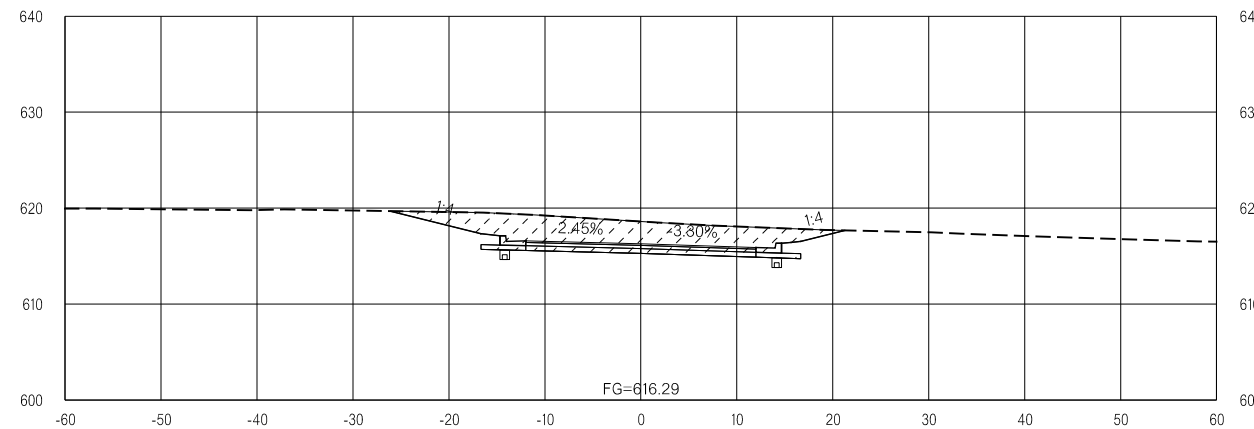
CUT: 0 CUT: 0 CUT: 289 CUT: 0
FILL: 0 FILL: 0 FILL: 0 FILL: 0



11+03.58

CUT: 0.00 CUT: 0.00 CUT: 121.96 CUT: 0.00
FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 0.00

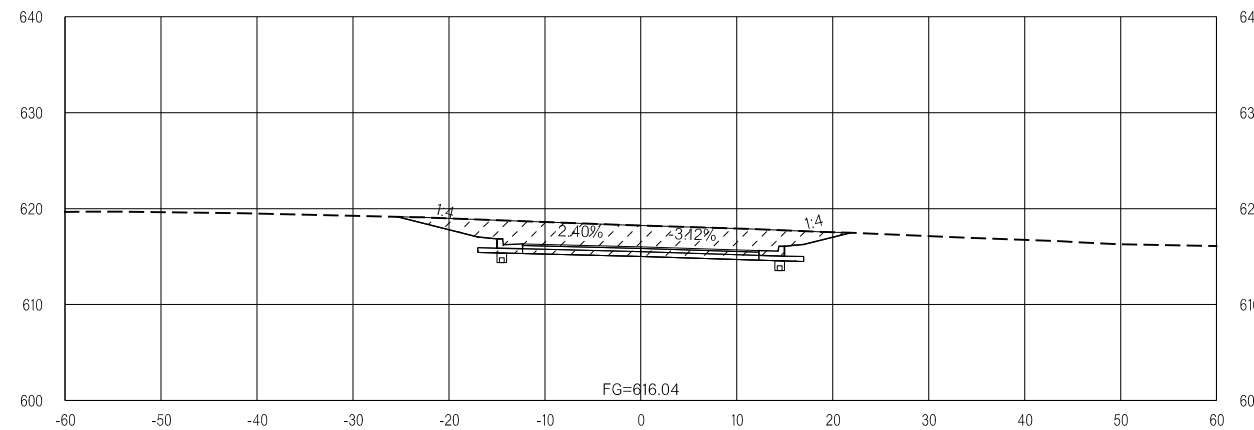
CUT: 0 CUT: 0 CUT: 58 CUT: 0
FILL: 0 FILL: 0 FILL: 0 FILL: 0



10+50.00

CUT: 0.00 CUT: 0.00 CUT: 117.88 CUT: 0.00
FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 0.00

CUT: 0 CUT: 0 CUT: 0 CUT: 0
FILL: 0 FILL: 0 FILL: 0 FILL: 0



10+37.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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END AREAS (SF)

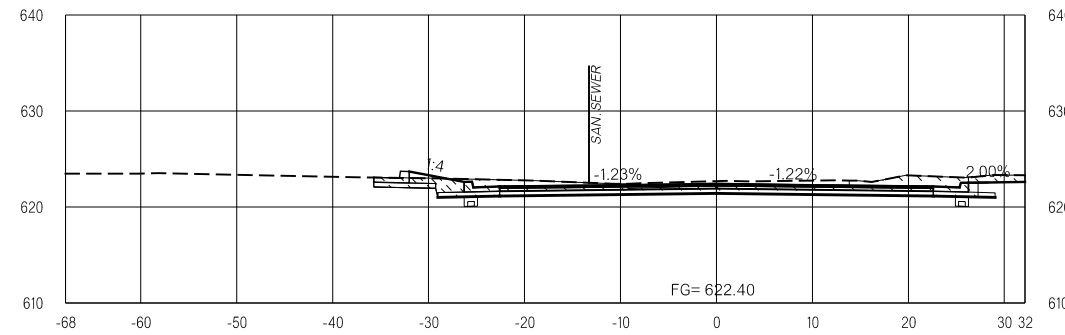
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

CUT: 0.00 CUT: 0.00 CUT: 0.00 CUT: 81.37
 FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 6.73

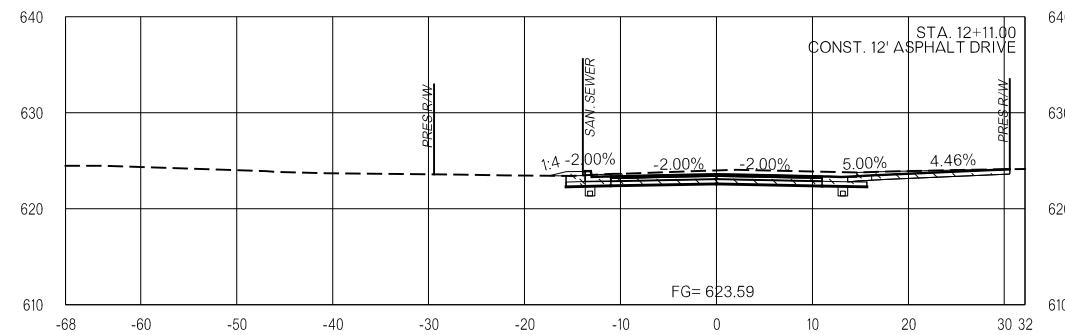
CUT: 0 CUT: 0 CUT: 0 CUT: 93
 FILL: 0 FILL: 0 FILL: 0 FILL: 9



9+50.00

CUT: 0.00 CUT: 0.00 CUT: 0.00 CUT: 41.92
 FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 3.56

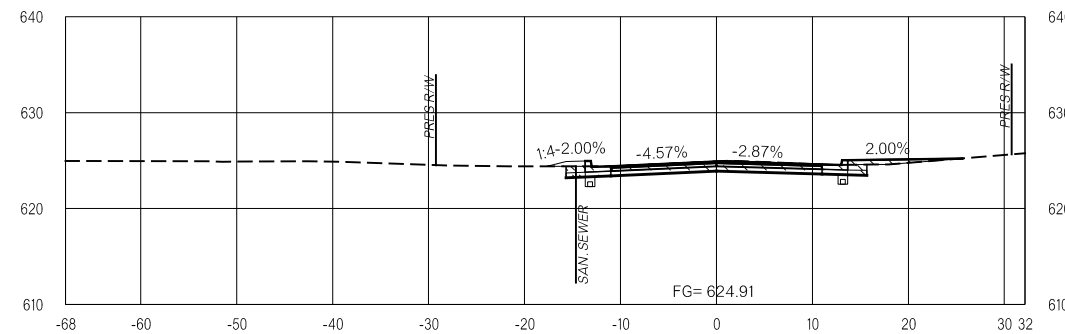
CUT: 0 CUT: 0 CUT: 0 CUT: 59
 FILL: 0 FILL: 0 FILL: 0 FILL: 13



9+11.00

CUT: 0.00 CUT: 0.00 CUT: 0.00 CUT: 32.51
 FILL: 0.00 FILL: 0.00 FILL: 0.00 FILL: 10.09

CUT: 0 CUT: 0 CUT: 0 CUT: 0
 FILL: 0 FILL: 0 FILL: 0 FILL: 0



8+68.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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END AREAS (SF)

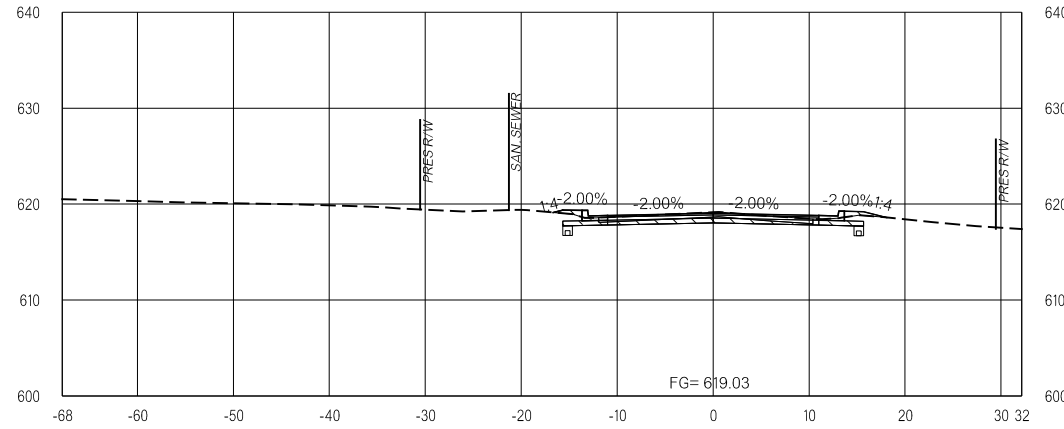
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

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 FILL: 0.00 FILL: 2.48 FILL: 0.00 FILL: 0.00

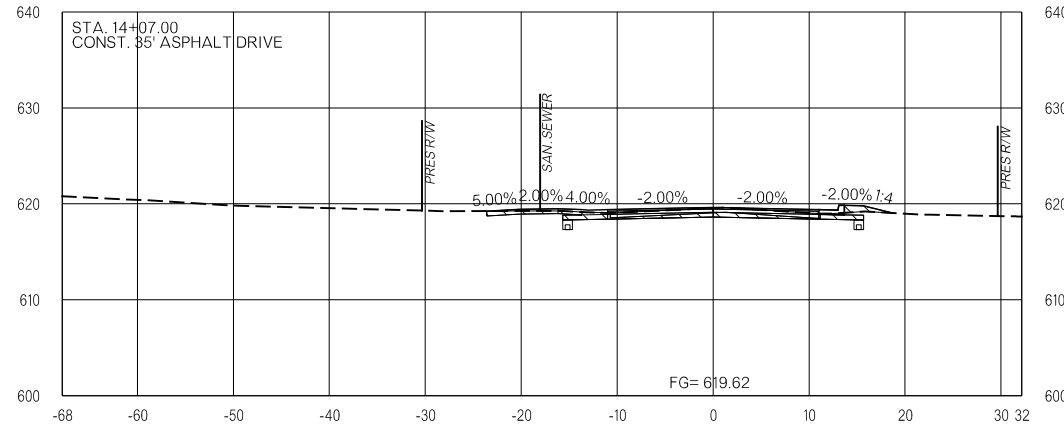
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 FILL: 0 FILL: 4 FILL: 0 FILL: 0



11+50.00

CUT: 0.00 CUT: 15.31 CUT: 0.00 CUT: 0.00
 FILL: 0.00 FILL: 2.30 FILL: 0.00 FILL: 0.00

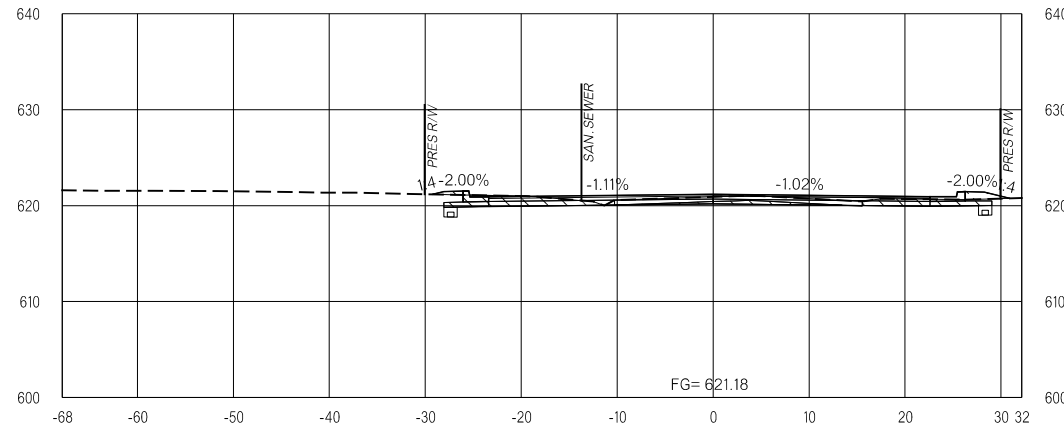
CUT: 0 CUT: 45 CUT: 0 CUT: 0
 FILL: 0 FILL: 6 FILL: 0 FILL: 0



11+07.00

CUT: 0.00 CUT: 27.20 CUT: 0.00 CUT: 0.00
 FILL: 0.00 FILL: 3.44 FILL: 0.00 FILL: 0.00

CUT: 0 CUT: 0 CUT: 0 CUT: 0
 FILL: 0 FILL: 0 FILL: 0 FILL: 0



10+50.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3

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END AREAS (SF)

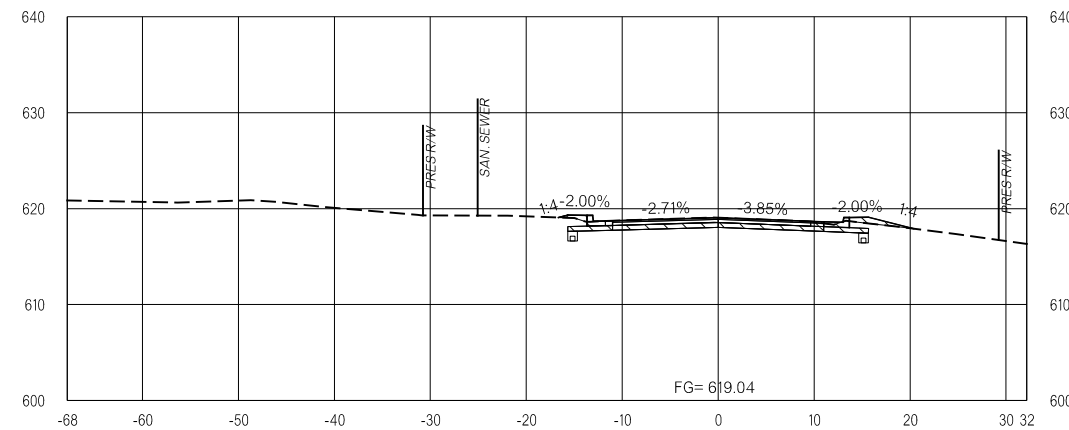
PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

VOLUMES (CY)

PRE-CONSTRUCTION PHASE 1 PHASE 2 PHASE 3

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FILL: 0.00	FILL: 3.47	FILL: 0.00	FILL: 0.00

CUT: 0	CUT: 27	CUT: 0	CUT: 0
FILL: 0	FILL: 6	FILL: 0	FILL: 0



12+00.00

LEGEND			
	PRE-CONSTRUCTION		PHASE 1
	PHASE 2		PHASE 3