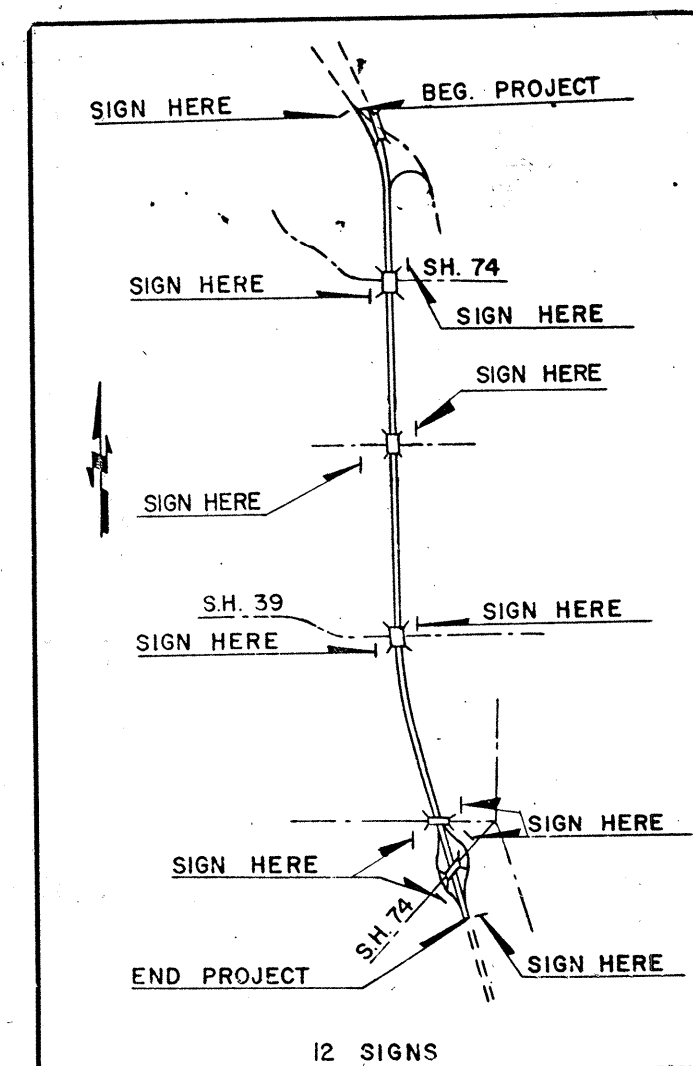


Sub 5-15-69

STATE OF OKLAHOMA
DEPARTMENT OF HIGHWAYS

PLAN OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT NO. 1-35-2(13) 091
SURFACING PLANS
INTERSTATE HIGHWAY NO. 35 REVISED AS BUILT
MCCLAIN COUNTY
CONTROL SECTION NO. 44-05



LOCATION OF CONSTRUCTION IDENTIFICATION SIGNS
(SIGNS IN PLACE, SEE STD. CIS-1, REVISE AMOUNTS)

DESIGN DATA

ADT - 1969 = 7,280
ADT - 1989 = 18,300
DHV = 2,196
D = 55 %
T (ADT) = 15 %
V = 70 MPH

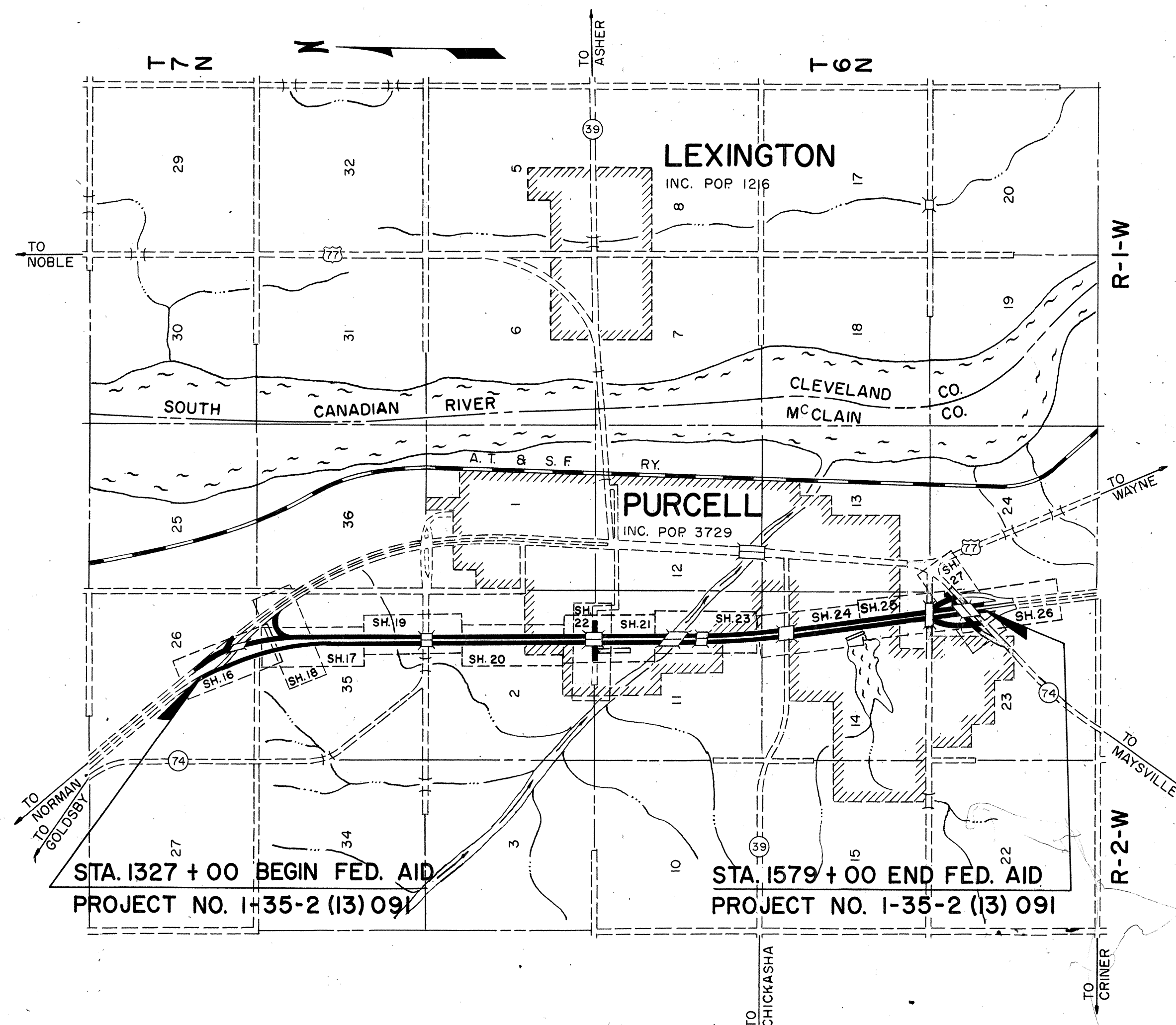
SCALES

PLAN 1" = 100'
PROFILE HOR. 1" = 100'
VER. 1" = 10'
LAYOUT MAP 1" = 3000'
LEVEL DATUM IS MEAN SEA LEVEL (U.S.C. & G.S.)
BEARINGS ARE FROM OBSERVATIONS ON POLARIS.

CONVENTIONAL SIGNS

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

1967 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN.
APPROVED BY FEDERAL HIGHWAY ADMINISTRATION, BUREAU OF PUBLIC ROADS, JUNE 2, 1967.
SPECIAL PROVISIONS GOVERN OVER STANDARD SPECIFICATIONS.



ROADWAY LENGTH 24,134.64 FT. 4.570 MI.
BRIDGE LENGTH 0.00 FT. 0.000 MI.
OVERPASS LENGTH (HWY.-HWY.) 0.00 FT. 0.000 MI.
UNDERPASS LENGTH (HWY.-HWY.) 0.00 FT. 0.000 MI.
PROJECT LENGTH 4.570 MI.

EXCEPTIONS: 3 OVERPASS & APPROACHES = 442.00 FT.
2 BRIDGES & APPROACHES = 623.36 FT.
EQUATIONS NONE

PROJECT LENGTH BASED ON RT. LANE

INDEX OF SHEETS

SHEET NO.	TITLE SHEET
1	TYPICAL SECTIONS
2-8	SUMMARY SHEETS
9-11	SUMMARY OF PAY QUANTITIES
12	STD. TCD-1-0
13	STD. TCD-2-1
14	STD. CIS-1-1
15	PLAN & PROFILE SHEETS
16-28	GEOMETRICS & SPECIAL DETAILS (LINE "F")
29	GEOMETRICS (LINE "E")
30	RAMP DETAILS (LINE "E")
31	GEOMETRICS LAYOUT (INTERCHANGE)
32	GEOMETRICS & SPECIAL DETAILS (S.H. 74)
33	SPECIAL DETAILS (RAMP "A" & "B")
34	STD. MD-2-21
35	STD. SU-EL-3-0
36	STD. ASCD-2-13
37	STD. PUD-1-10
38	CROSS SECTIONS
39-43	

For Sheets No. 16-28, 30, 31 & 32 This Project
See Sheets No. 15-21, 23-25, 27, 29, 30, 32,
34 & 36 on F.A.P. No. 1-35-2(12)091.

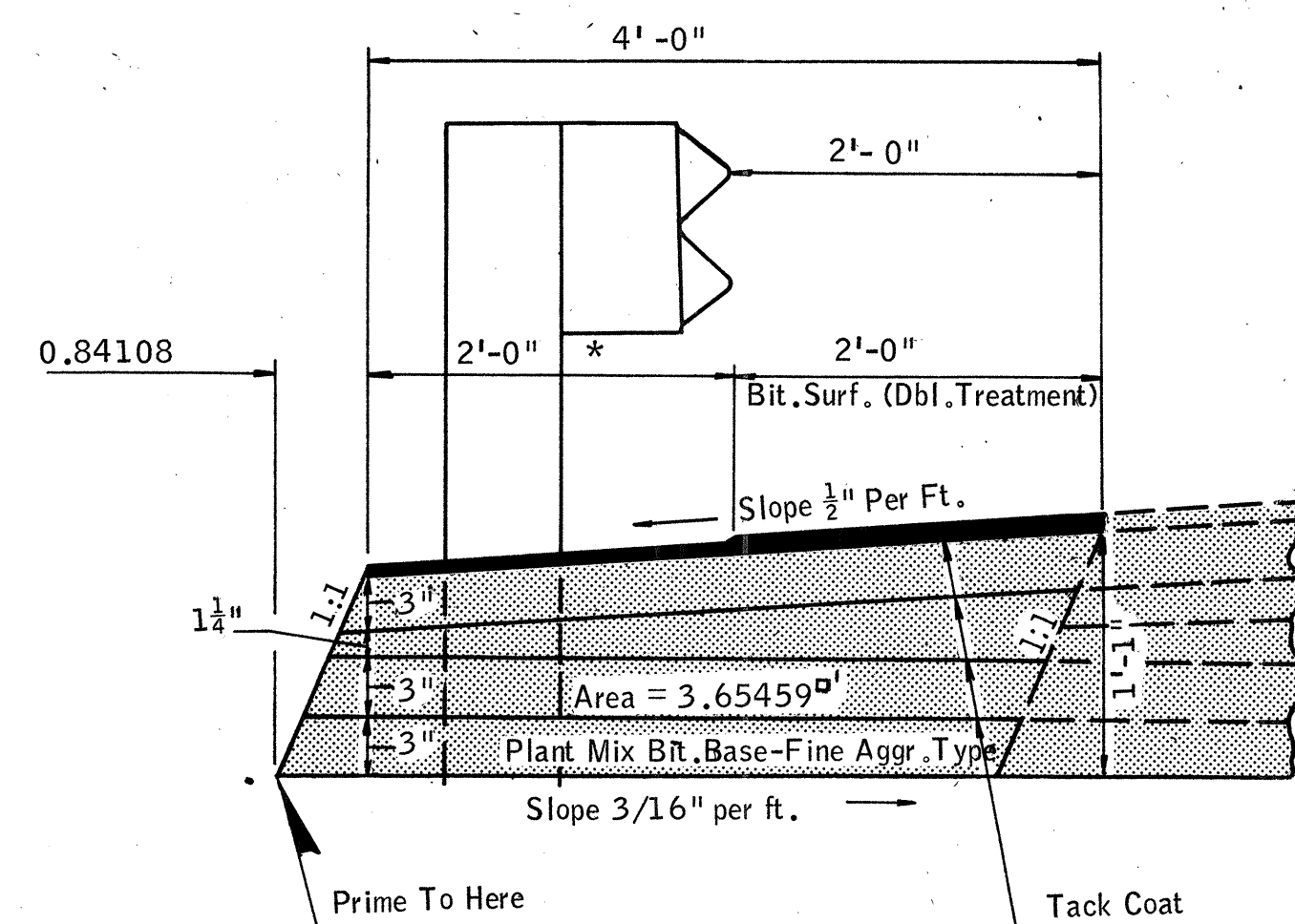
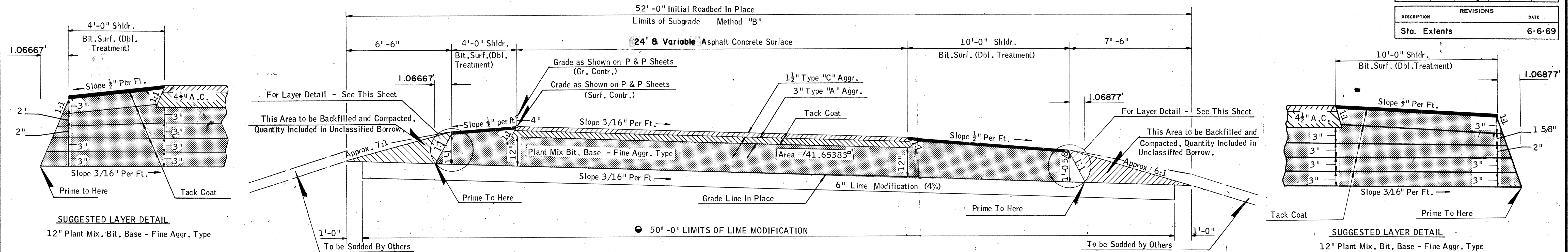
Under the rules and regulations of
the Bureau of Public Roads, any
changes in the design, including en-
trances to through lanes or location
of median openings shall first have
written approval from the Department
of Highways and the Bureau of Public
Roads before executing any work.

- 17 STA. 1399+85.20 BEGIN EXCEPTION
OVERPASS & APPROACH SLAB EXCEPTION = 147.00 FT.
STA. 1401+32.20 END EXCEPTION
- 25 STA. 1452+58.31 BEGIN EXCEPTION
OVERPASS & APPROACH SLAB EXCEPTION = 147.00 FT.
STA. 1454+05.31 END EXCEPTION
- 38 STA. 1475+64.92 BEGIN EXCEPTION
BRIDGE & APPROACH SLAB EXCEPTION = 456.16 FT.
STA. 1480+21.08 END EXCEPTION
- 41 STA. 1483+56.19 BEGIN EXCEPTION
BRIDGE & APPROACH SLAB EXCEPTION = 167.20 FT.
STA. 1485+23.39 END EXCEPTION
- 44 STA. 1512+77.85 BEGIN EXCEPTION
OVERPASS & APPROACH SLAB EXCEPTION = 148.00 FT.
STA. 1514+25.85 END EXCEPTION
- 47 STA. 1529+39.96 BEGIN BR.
BRIDGE BOX IN PLACE
STA. 1529+88.04 END BR.

REVIEWED BY	
PROJ. ENGR. (BR.)	
PROJ. ENGR. (RDY.)	S.N.D. 5-14-69
GEOMETRIC DES. ENGR.	R.W.J. 5-14-69
ROADSIDE DEVOP. ENGR.	
APPROVED BY	
ROADWAY ENGR.	S.E.B. 5-14-69
BRIDGE ENGR.	W.C.Z. 5-14-69
SURVEY ENGR.	G.H.S. 5-14-69
CONSTRUCTION ENGR.	PAC 5-14-69
Oklahoma Department of Highways	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION BUREAU OF PUBLIC ROADS	
APPROVED	APPROVED
DATE	DATE
CHIEF ENGINEER	DIVISION ENGINEER
S.W.O. No. 2170(1)	FA Project No. 1-35-2(13) 091 Sheet No. 1

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13) 091		2	

REVISIONS	
DESCRIPTION	DATE
Sta. Extents	6-6-69



TYPICAL 1/2 SURFACING SECTION NO. 1

LT. LANE		RT. LANE	
STA. 1324 + 90.17 TO	STA. 1347 + 00	STA. 1347 + 00 TO	STA. 1358 + 00
STA. 1347 + 00 TO	STA. 1364 + 00 ●	STA. 1358 + 00 TO	STA. 1377 + 00 ●
STA. 1364 + 00 TO	STA. 1372 + 00	STA. 1377 + 00 TO	STA. 1421 + 00
STA. 1372 + 00 TO	STA. 1387 + 00 ●	STA. 1485 + 23.39 TO	STA. 1579 + 00
STA. 1387 + 00 TO	STA. 1407 + 00		
STA. 1407 + 00 TO	STA. 1421 + 00 ●		
STA. 1452 + 58.31 TO	STA. 1476 + 34.92		
STA. 1503 + 00 TO	STA. 1558 + 00		
STA. 1530 + 00 TO	STA. 1550 + 00		
	LINE F		
STA. 1333 + 00 TO	STA. 1340 + 79.06		

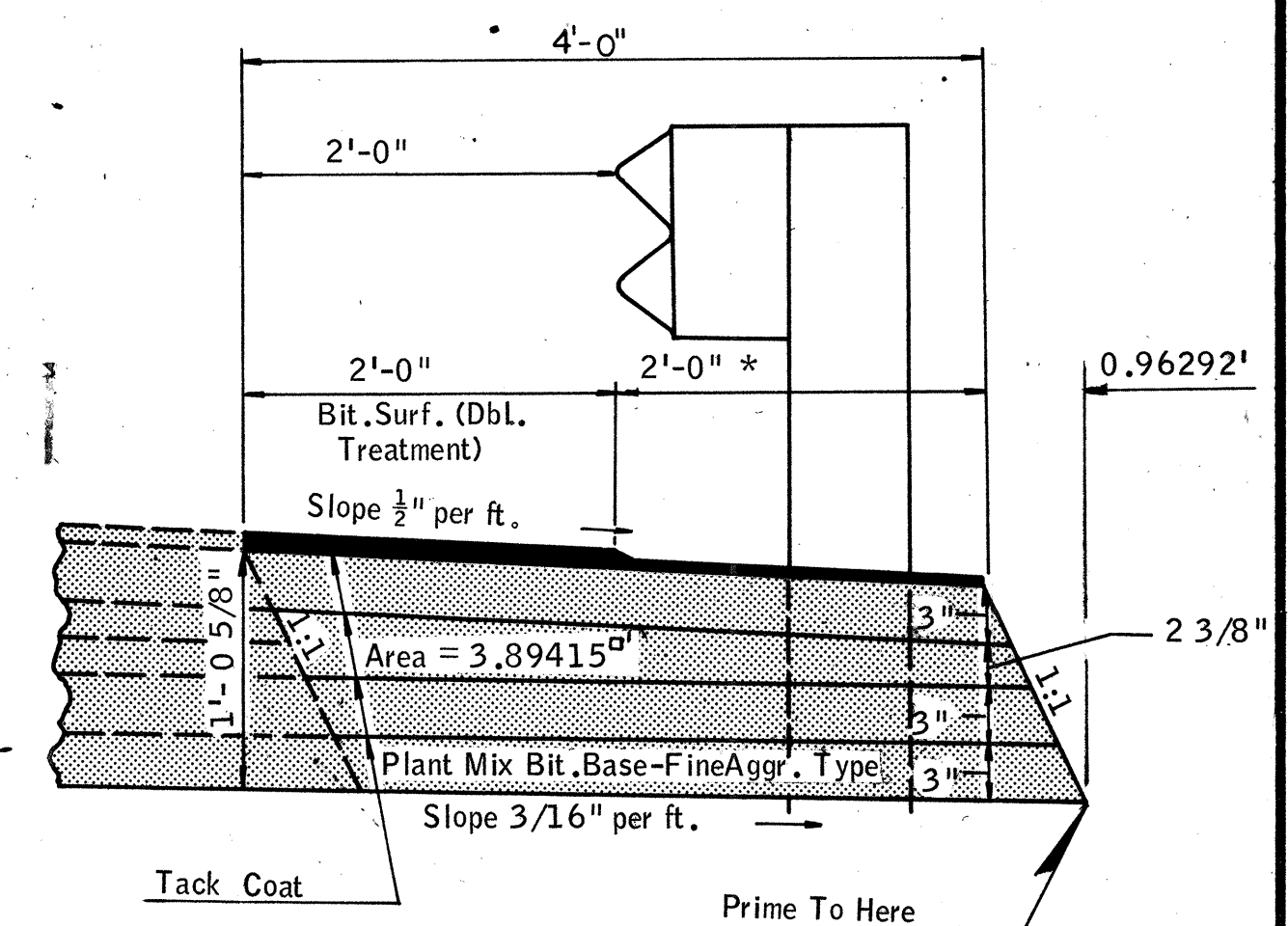
← Exception: Page 3

NOTE: WIDENING FOR GUARD RAIL
BY SURFACING CONTRACTOR. GUARD
RAIL TO BE CONSTRUCTED BY OTHERS.

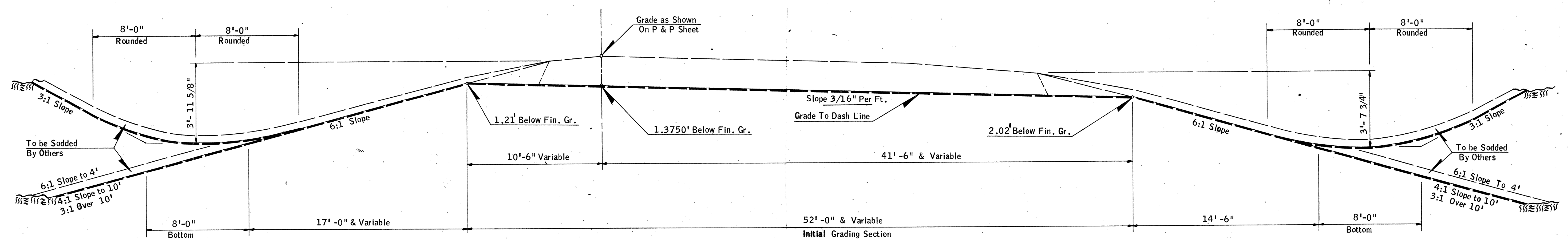
THICKNESS DIMENSIONS ARE APPROXIMATE
THE TOLERANCES OF THE GOVERNING SPEC-
IFICATIONS WILL CONTROL.

DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

*NOTE: Use 2nd application of No. 2 Cover Material on this Area. No. 2 Cover Material Est. at 1 Cu.Yd. per 120 Sq.Yds. of Area & Asph. Binder at 0.2 Gal. per Sq.Yd. of Area.



TYPICAL WIDENING FOR GUARD RAIL
& SUGGESTED LAYER DETAIL
OUTSIDE SHOULDER - MAINLINE (Where Guard Rail Is Used)



TYPICAL 1/2 GRADING SECTION

LT. LANE		RT. LANE	
STA. 1324 + 90.17 TO	STA. 1335 + 00 ①	STA. 1327 + 00 TO	STA. 1335 + 00 ②
LINE F			
STA. 1333 + 00 TO	STA. 1340 + 79.06 ①		

- ① SEE TYPICAL NO.1 FOR SURFACING SECTION
② SEE TYPICAL NO.2 FOR SURFACING SECTION

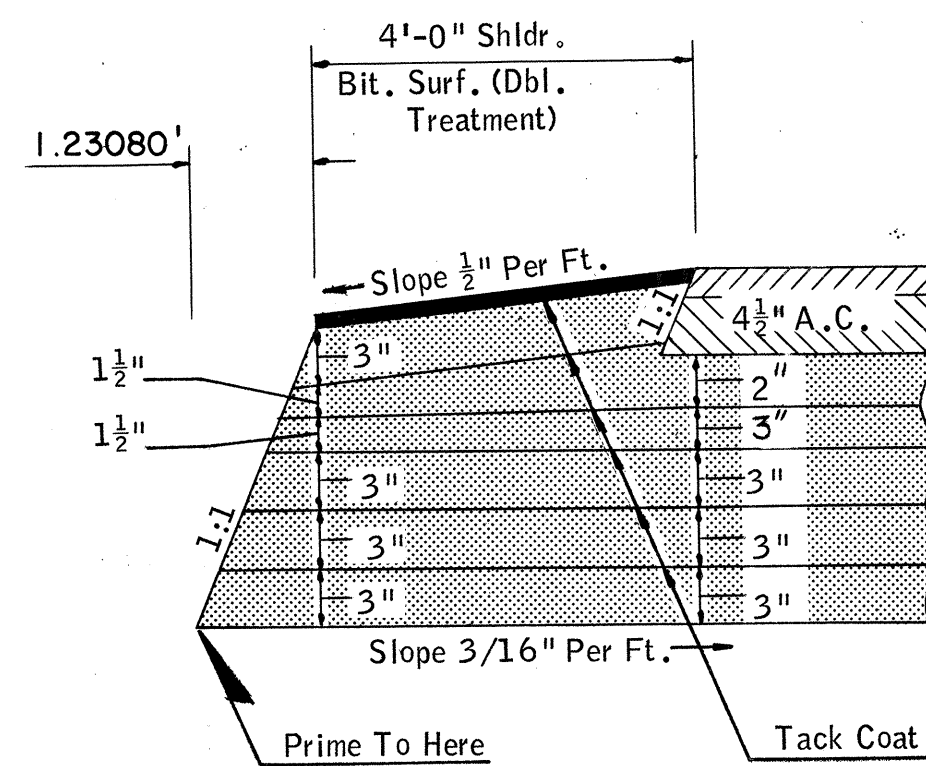
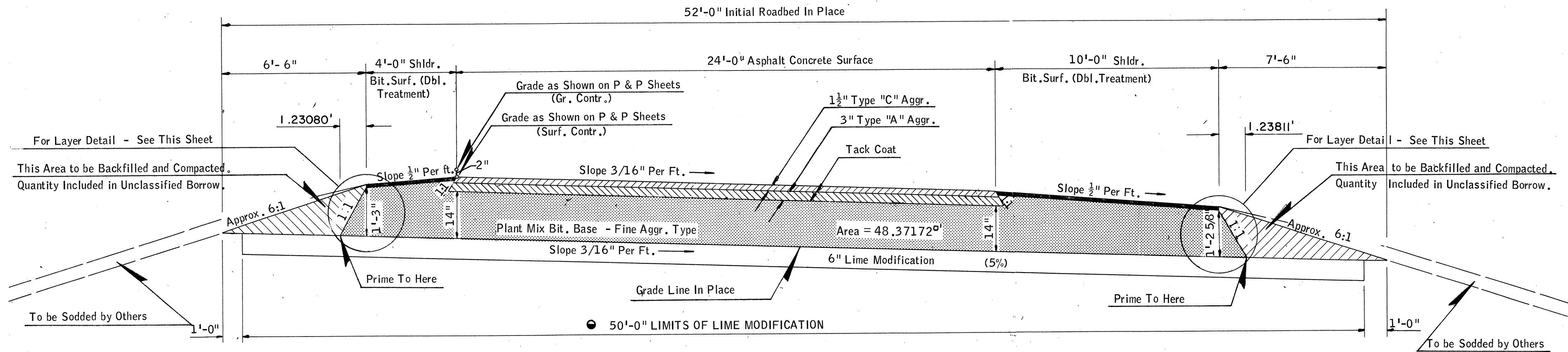
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Design		
Drawn		
Checked		
Approved		
Squad		

TYPICAL SECTIONS

F.A.Project No. 1-35-2 (13)091 Sheet No. 2

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13)091		3	
REVISIONS					
DESCRIPTION	DATE				



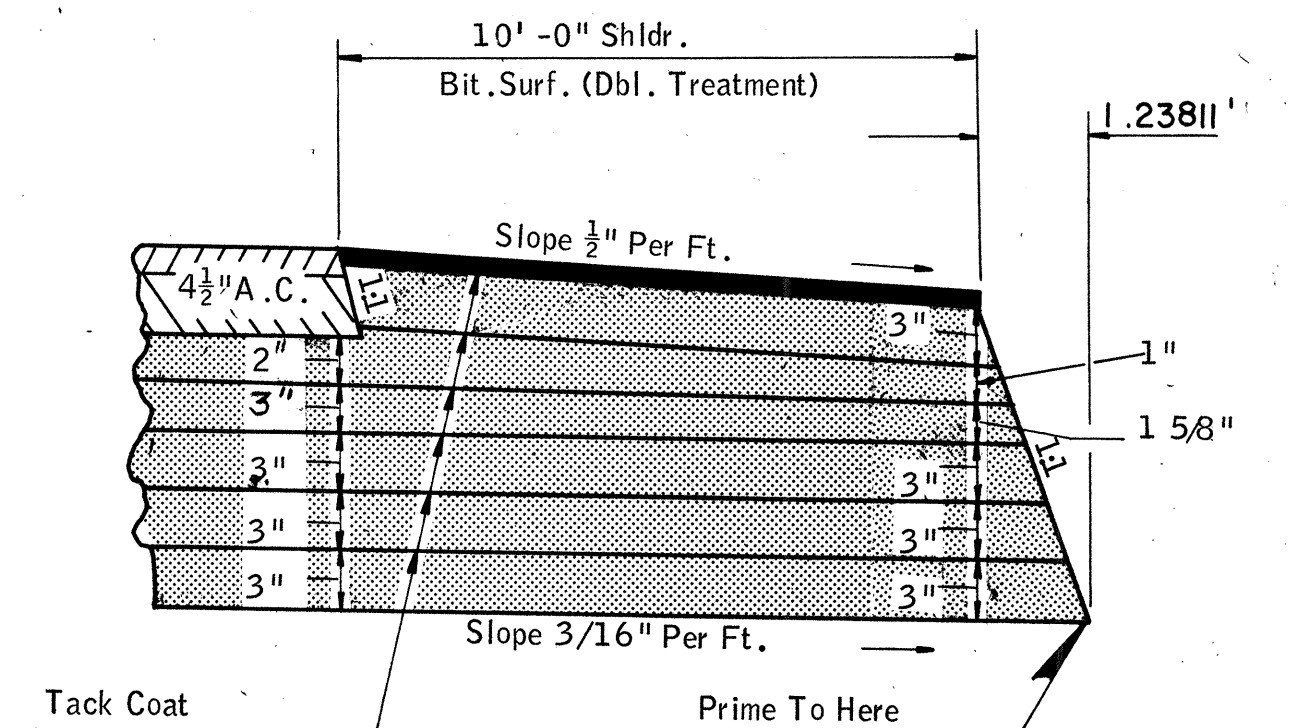
SUGGESTED LAYER DETAIL
14" Plant Mix. Bit. Base - Fine Aggr. Type

TYPICAL 1/2 SURFACING SECTION NO. 2

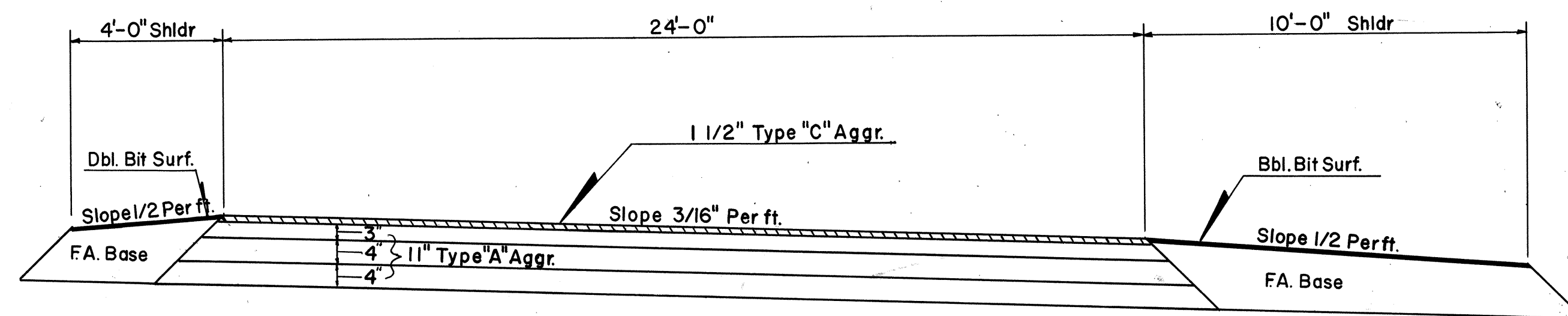
RT. LANE
STA. 1327 + 00 TO STA. 1347 + 00

DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

THICKNESS DIMENSIONS ARE APPROXIMATE. THE TOLERANCES OF THE GOVERNING SPECIFICATIONS WILL CONTROL.



SUGGESTED LAYER DETAIL
14" Plant Mix. Bit. Base - Fine Aggr. Type



CHANGE IN PLAN NO 1

LT. LANE
STA. 1530 + 00 TO STA. 1550 + 00

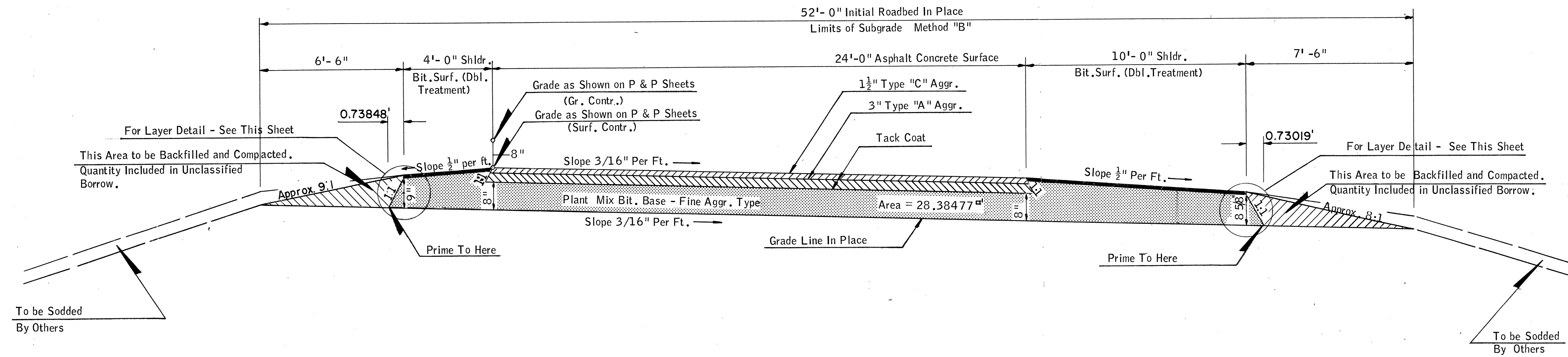
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Design			
Drawn			
Checked			
Approved			
Squad			

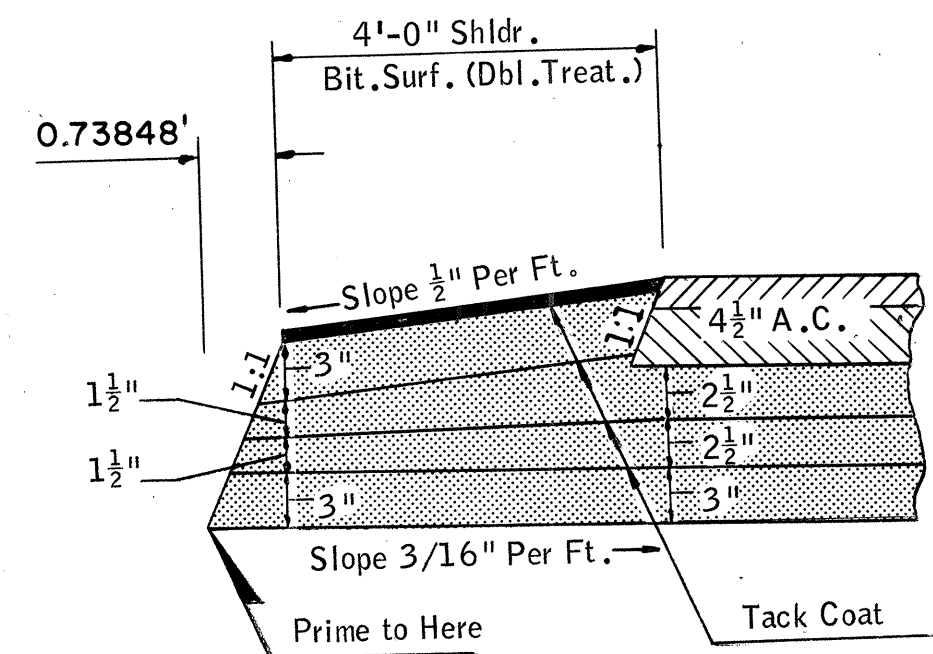
TYPICAL SECTIONS

F.A. Project No. 1-35-2(13)091 Sheet No. 3

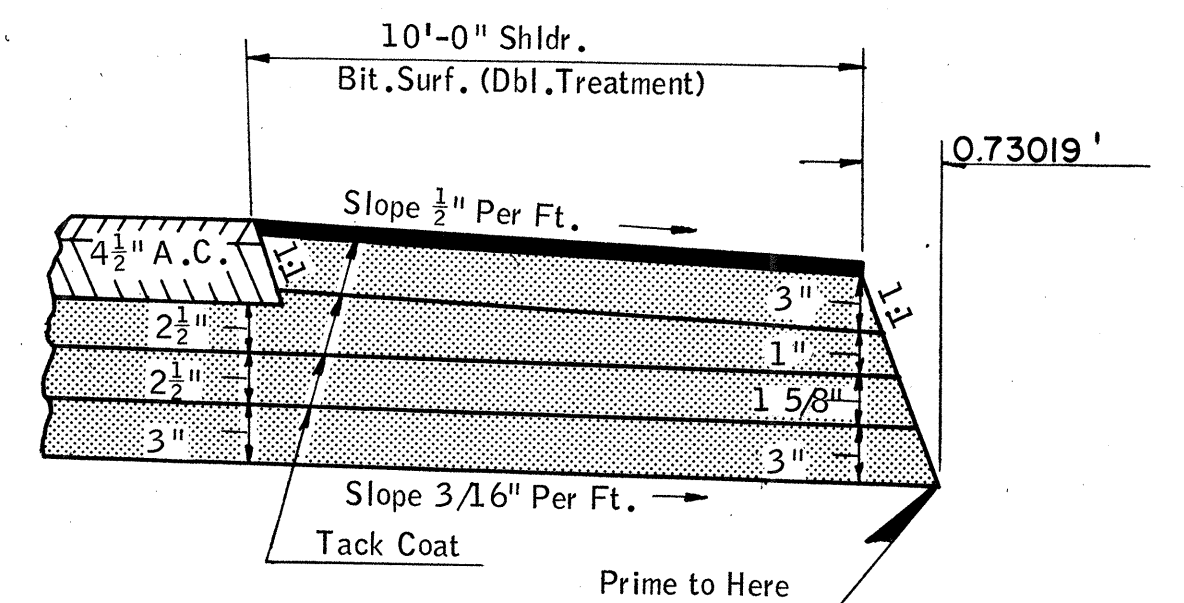
FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA	1-35-2(13)091		4	
DESCRIPTION		REVISIONS		DATE	



TYPICAL 1/2 SURFACING SECTION NO. 3
RT. LANE
STA. 1421 + 00 TO STA. 1485 + 23.39



SUGGESTED LAYER DETAIL
8" Plant Mix, Bit. Base - Fine Aggr. Type



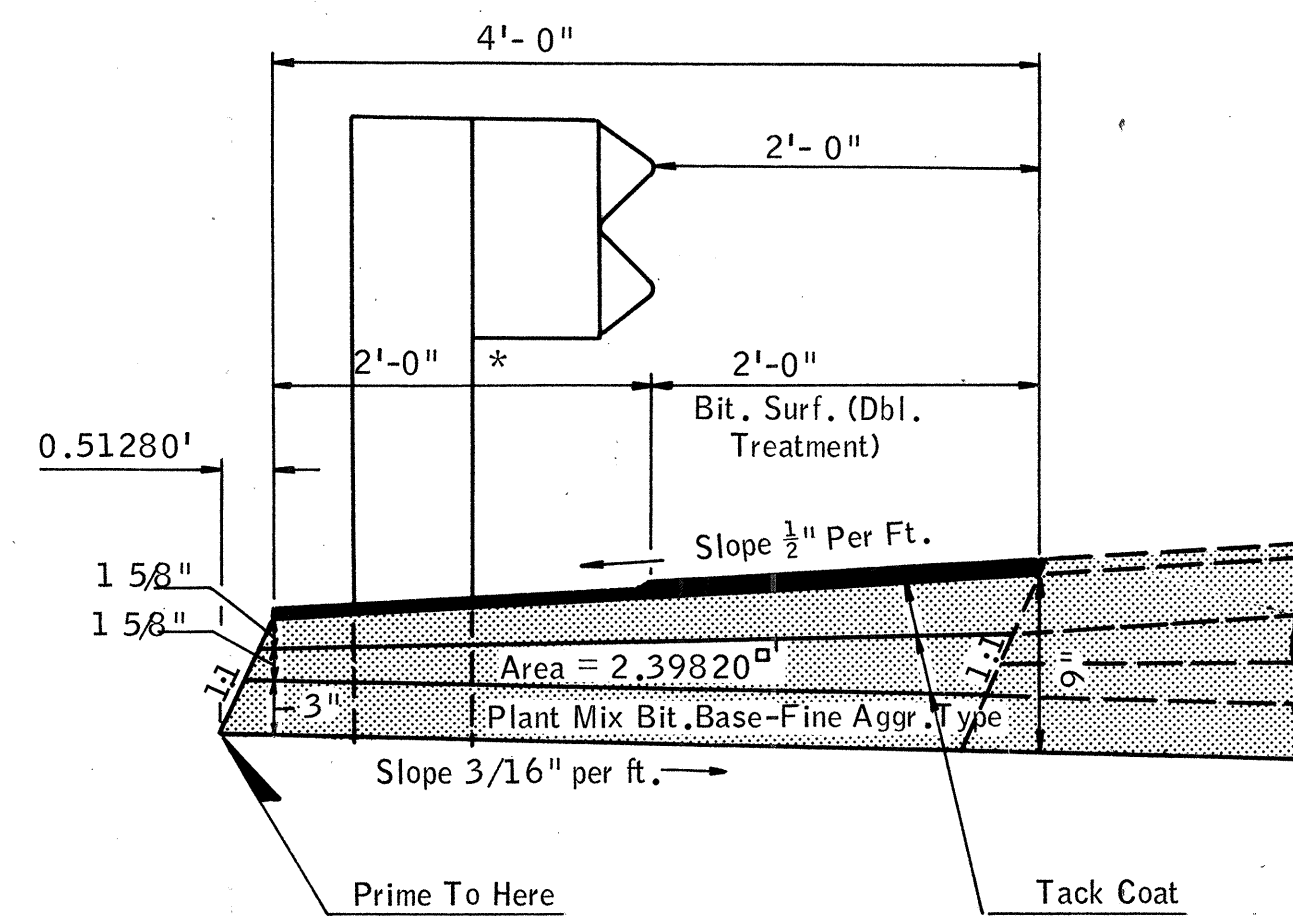
SUGGESTED LAYER DETAIL
8" Plant Mix, Bit. Base - Fine Aggr. Type

*NOTE: Use 2nd application of No. 2 Cover Material on this Area, No. 2 Cover Material Est. at 1 Cu. Yd. per 120 Sq. Yds. of Area & Asph. Binder at 0.2 Gal. per Sq. Yd. of Area.

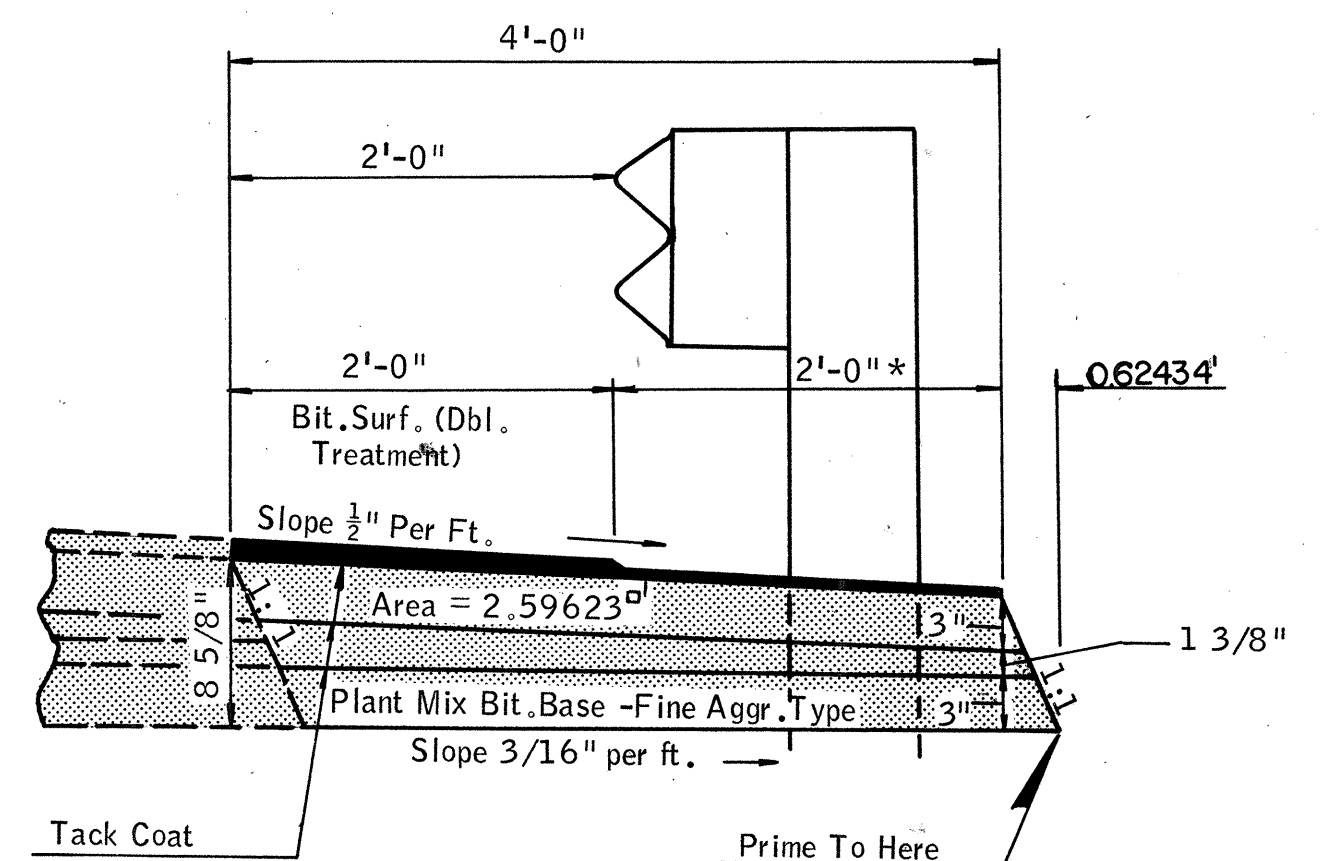
DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

NOTE: WIDENING FOR GUARD RAIL BY SURFACING CONTRACTOR. GUARD RAIL TO BE CONSTRUCTED BY OTHERS.

THICKNESS DIMENSIONS ARE APPROXIMATE THE TOLERANCES OF THE GOVERNING SPECIFICATIONS WILL CONTROL.



TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL INSIDE SHOULDER-MAINLINE (Where Guard Rail Is Used)



TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL OUTSIDE SHOULDER - MAINLINE (Where Guard Rail Is Used)

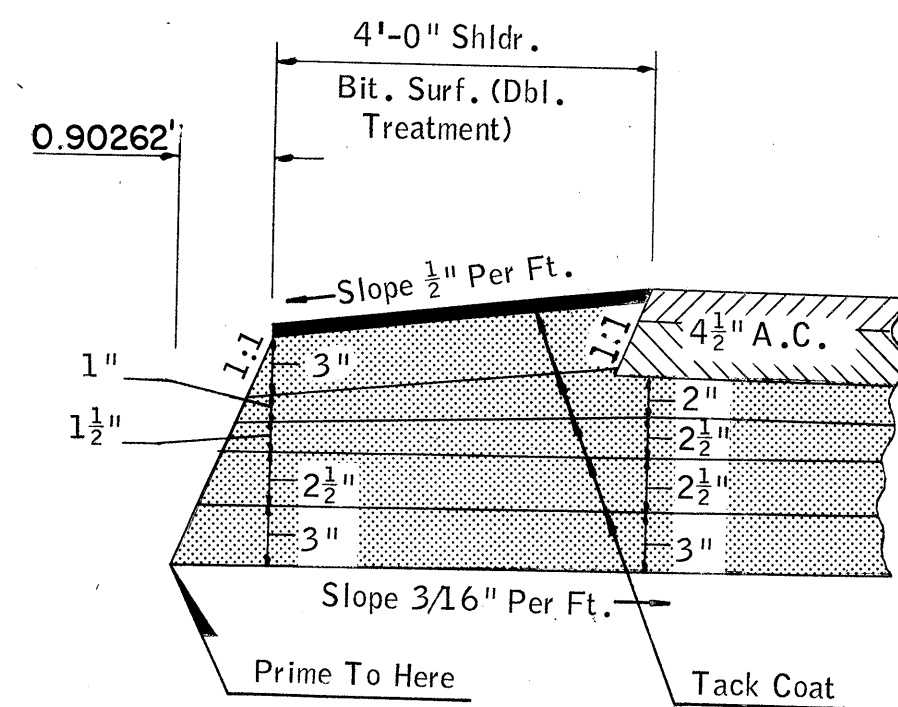
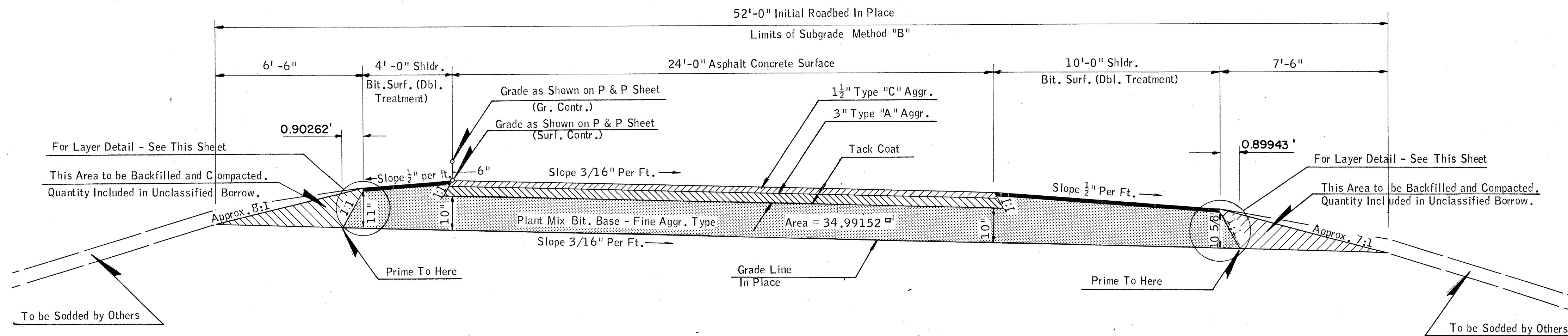
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Design	Drawn	Checked	Approved	Squad

TYPICAL SECTIONS

F.A. Project No. 1-35-2(13)091 Sheet No. 4

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	I-35-2(13)091		5	
REVISIONS					
DESCRIPTION					DATE



SUGGESTED LAYER DETAIL
10" Plant Mix. Bit. Base - Fine Aggr. Type

*NOTE: Use 2nd application of No. 2 Cover Material on this Area. No. 2 Cover Material Est. at 1 Cu.Yd. per 120 Sq.Yds. of Area & Asph. Binder at 0.2 Gal. per Sq.Yd. of Area.

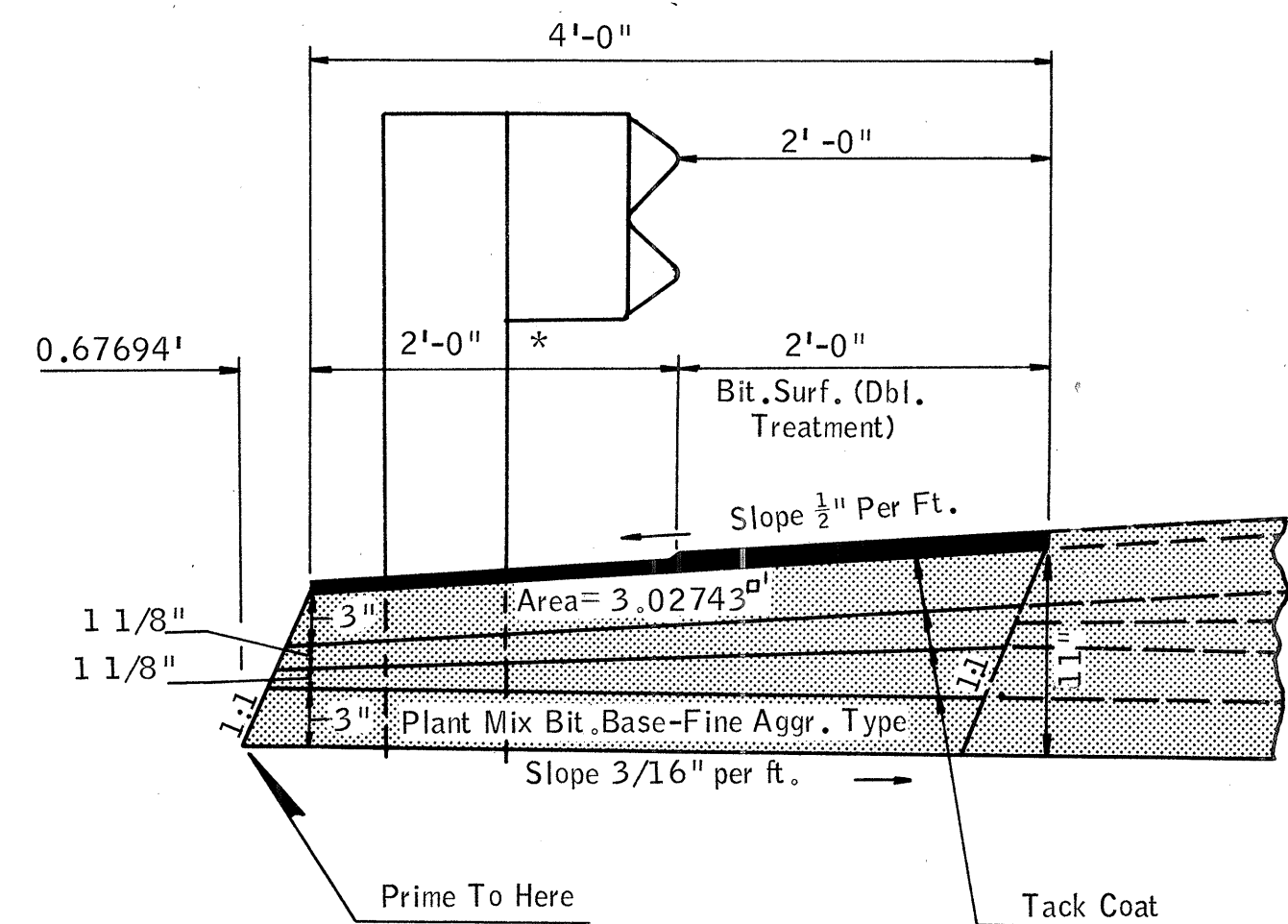
TYPICAL 1/2 SURFACING SECTION NO. 4

LT. LANE
STA. 1421 + 00 TO STA. 1452 + 58.31
STA. 1476 + 34.92 TO STA. 1503 + 00
STA. 1558 + 00 TO STA. 1579 + 00

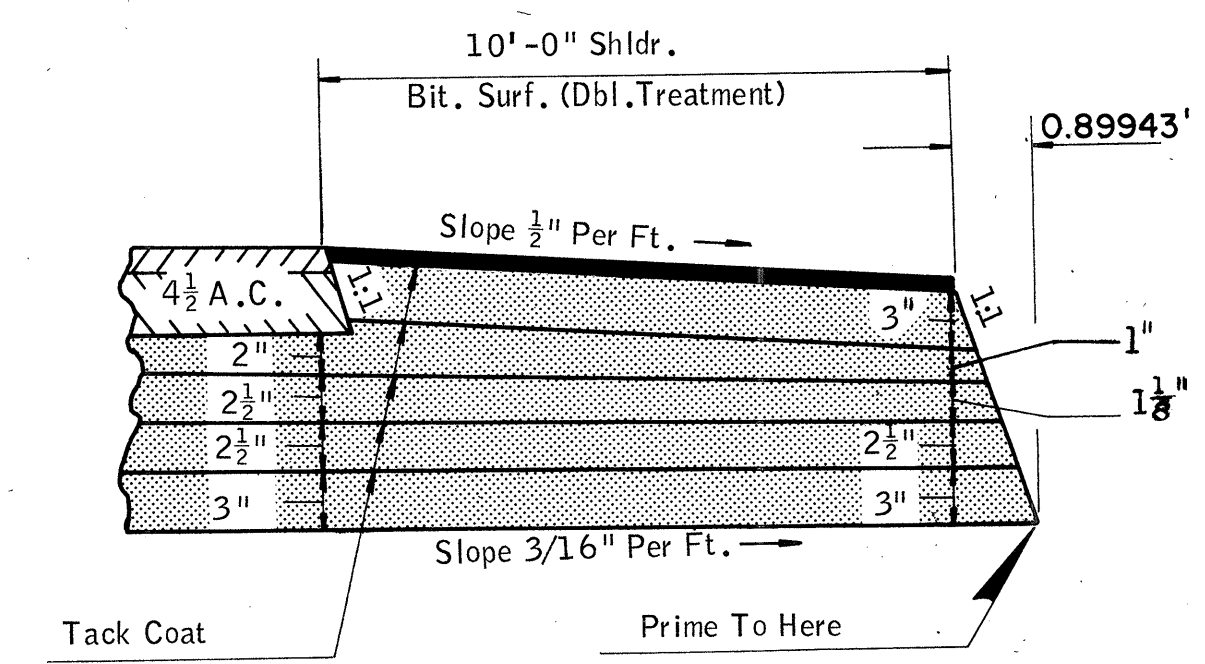
THICKNESS DIMENSIONS ARE APPROXIMATE
THE TOLERANCES OF THE GOVERNING SPECIFICATIONS WILL CONTROL.

DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

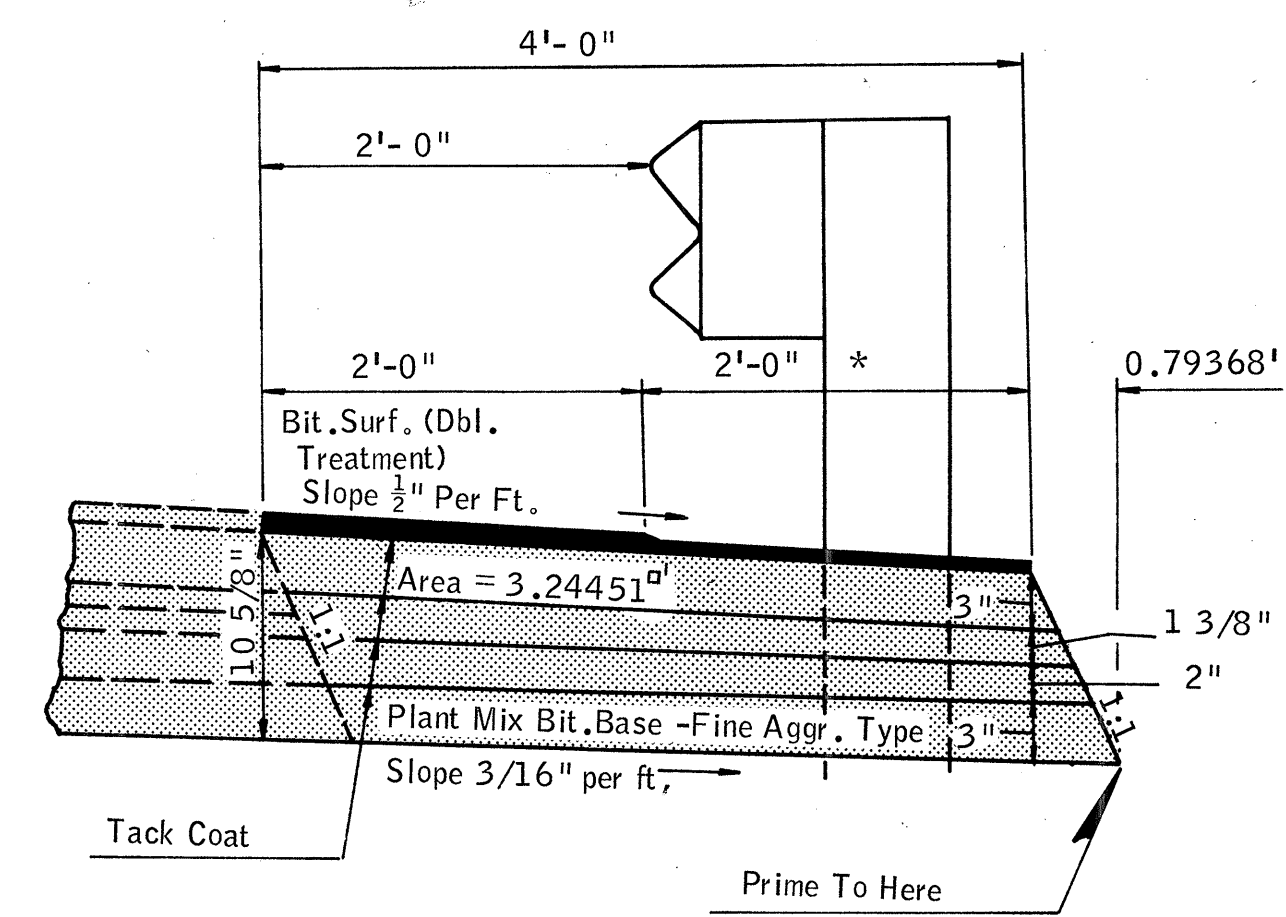
NOTE: WIDENING FOR GUARD RAIL BY SURFACING CONTRACTOR. GUARD RAIL TO BE CONSTRUCTED BY OTHERS.



TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL
INSIDE SHOULDER-MAINLINE (Where Guard Rail Is Used)



SUGGESTED LAYER DETAIL
10" Plant Mix. Bit. Base - Fine Aggr. Type



TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL
OUTSIDE SHOULDER MAIN LINE (Where Guard Rail Is Used)

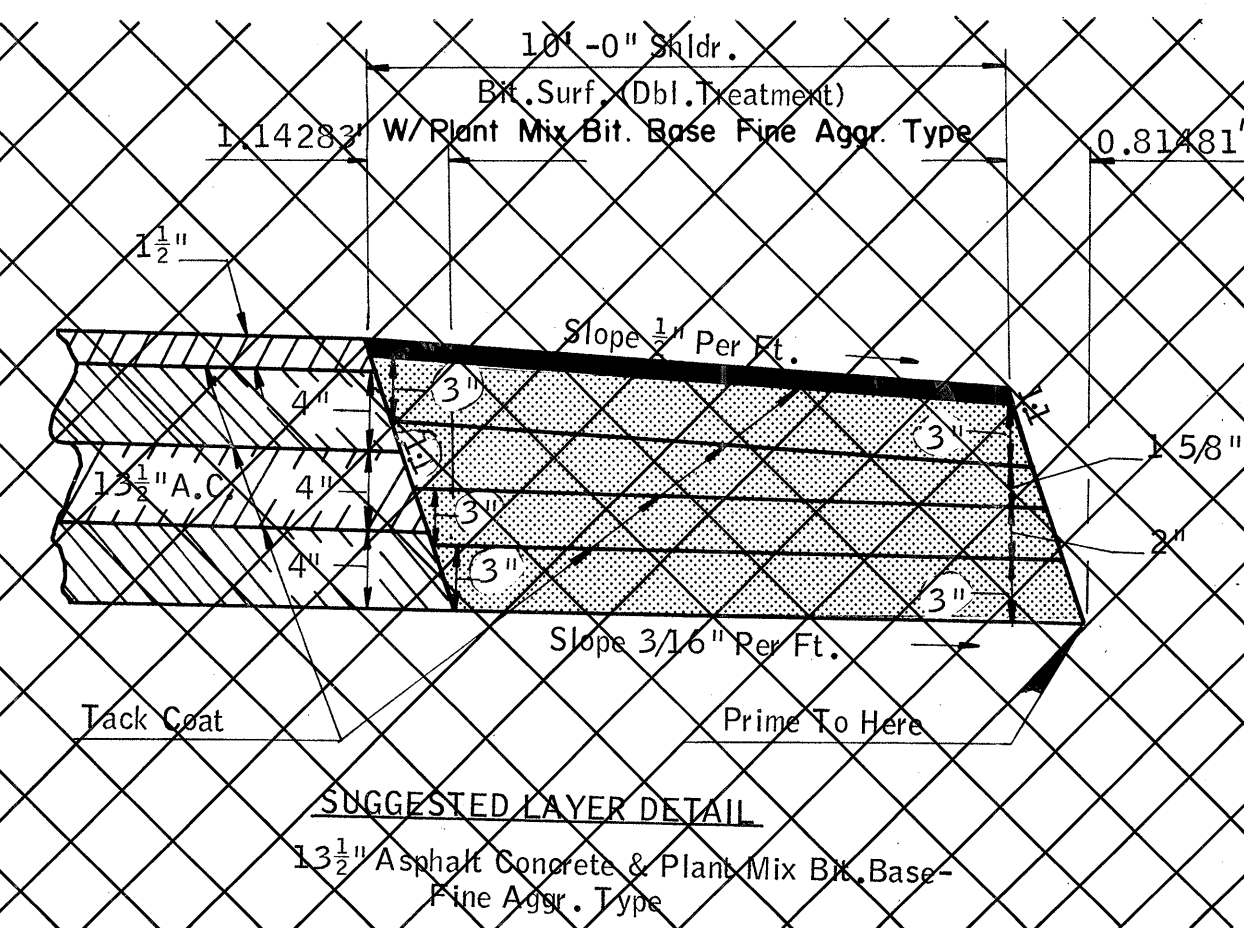
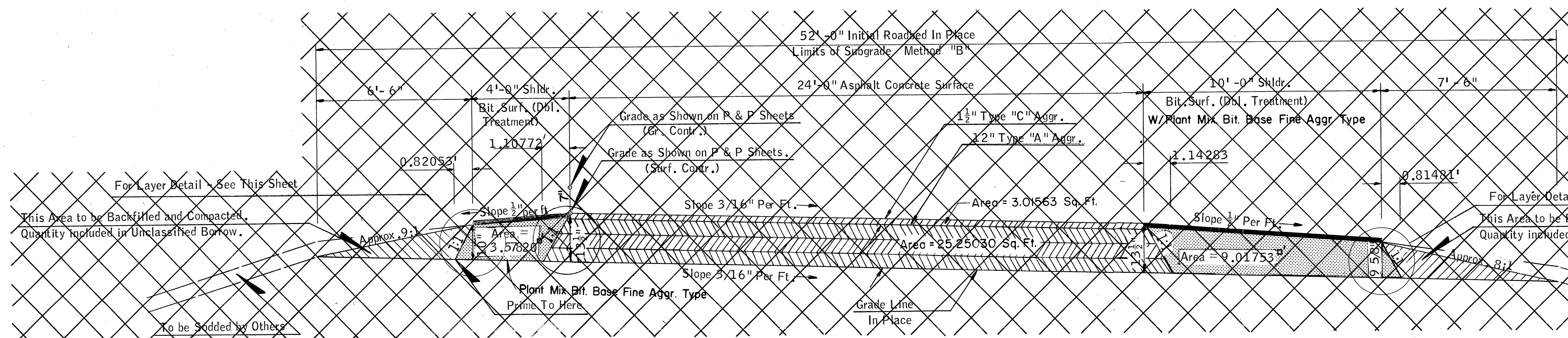
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Design		
Drawn		
Checked		
Approved		
Squad		

TYPICAL SECTIONS

F.A. Project No. I-35-2(13)091 Sheet No. 5

FED. ROAD DIST. NO.	STATE	F.A. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13) (3)		6	
DESCRIPTION			REVISIONS	DATE	
Ram Type No. 5				6-6-69	



TYPICAL 1/2 SURFACING SECTION NO. 5

LT. LANE
STA. 1538 + 00 TO STA. 1558 + 00

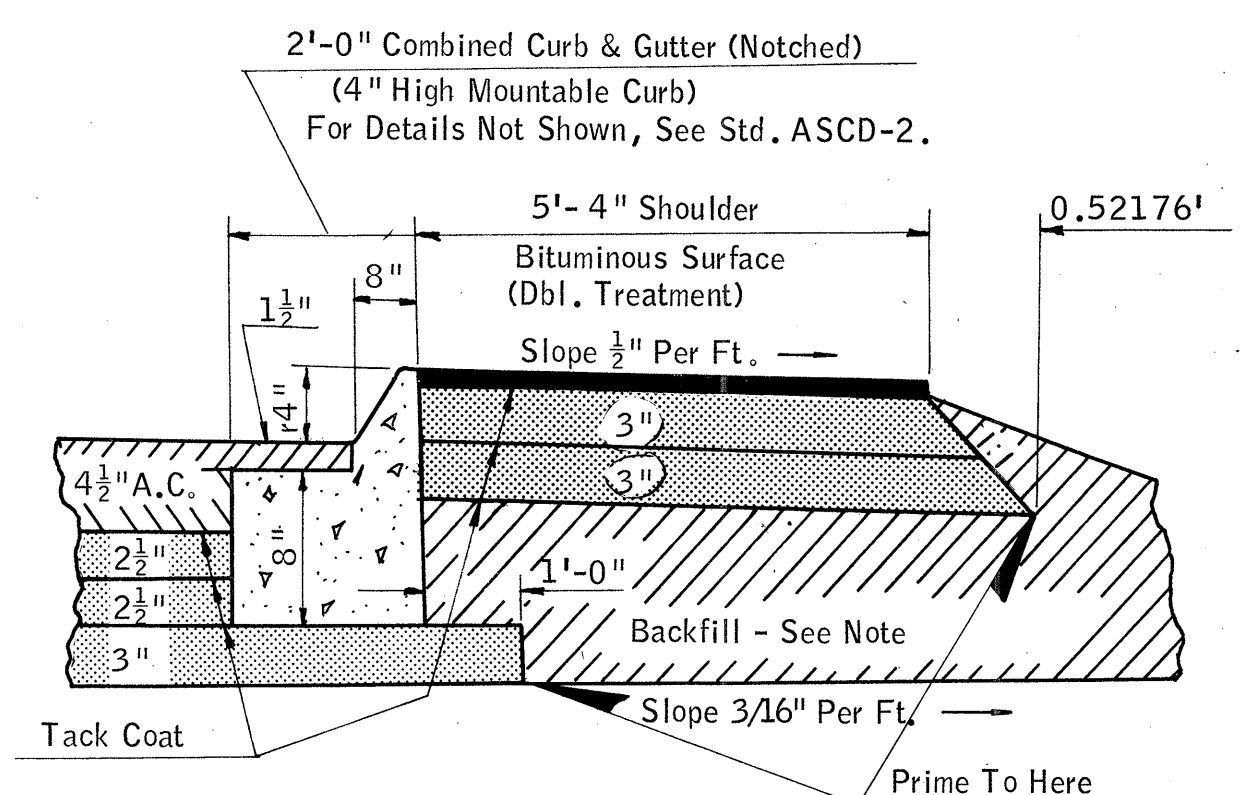
DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

NOTE: WIDENING FOR GUARD RAIL BY SURFACING CONTRACTOR. GUARD RAIL TO BE CONSTRUCTED BY OTHERS.

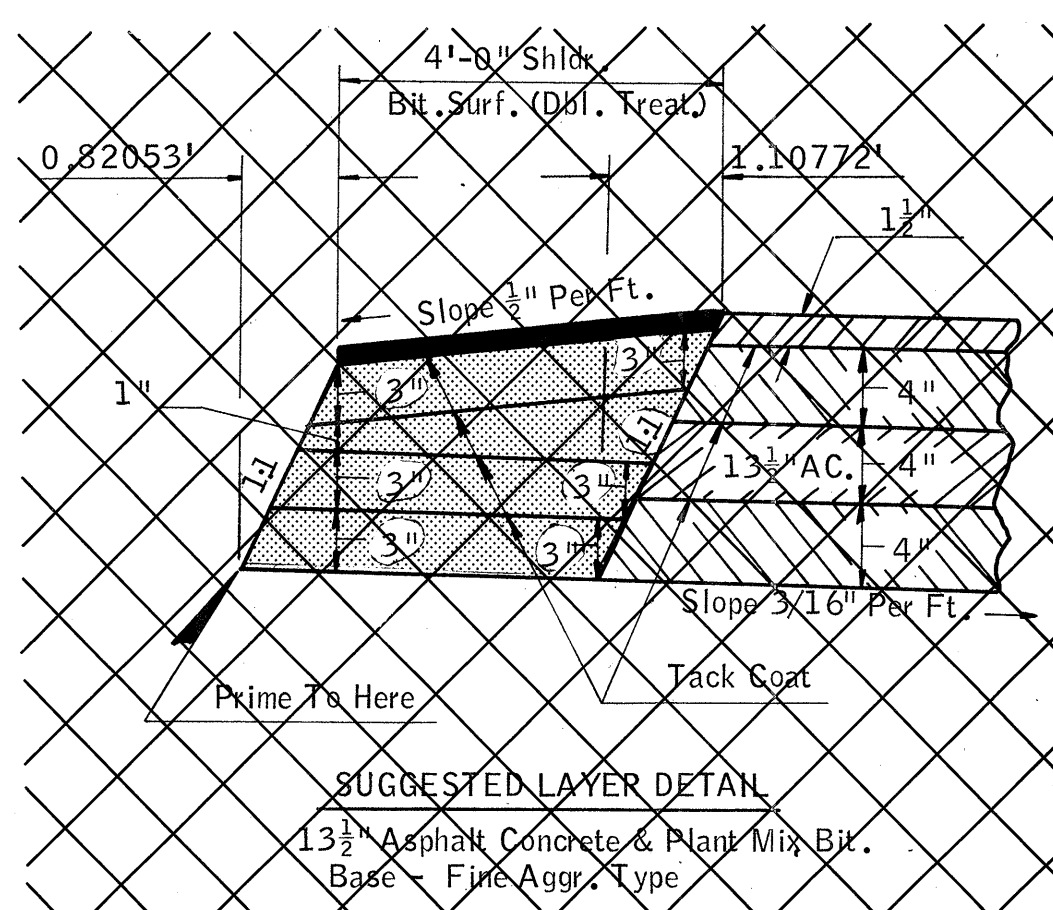
THICKNESS DIMENSIONS ARE APPROXIMATE THE TOLERANCES OF THE GOVERNING SPECIFICATIONS WILL CONTROL.

Wood Strips up to 7/8" depth will be permitted on the bottom of curb & gutter forms in order to obtain the exact planned thickness.

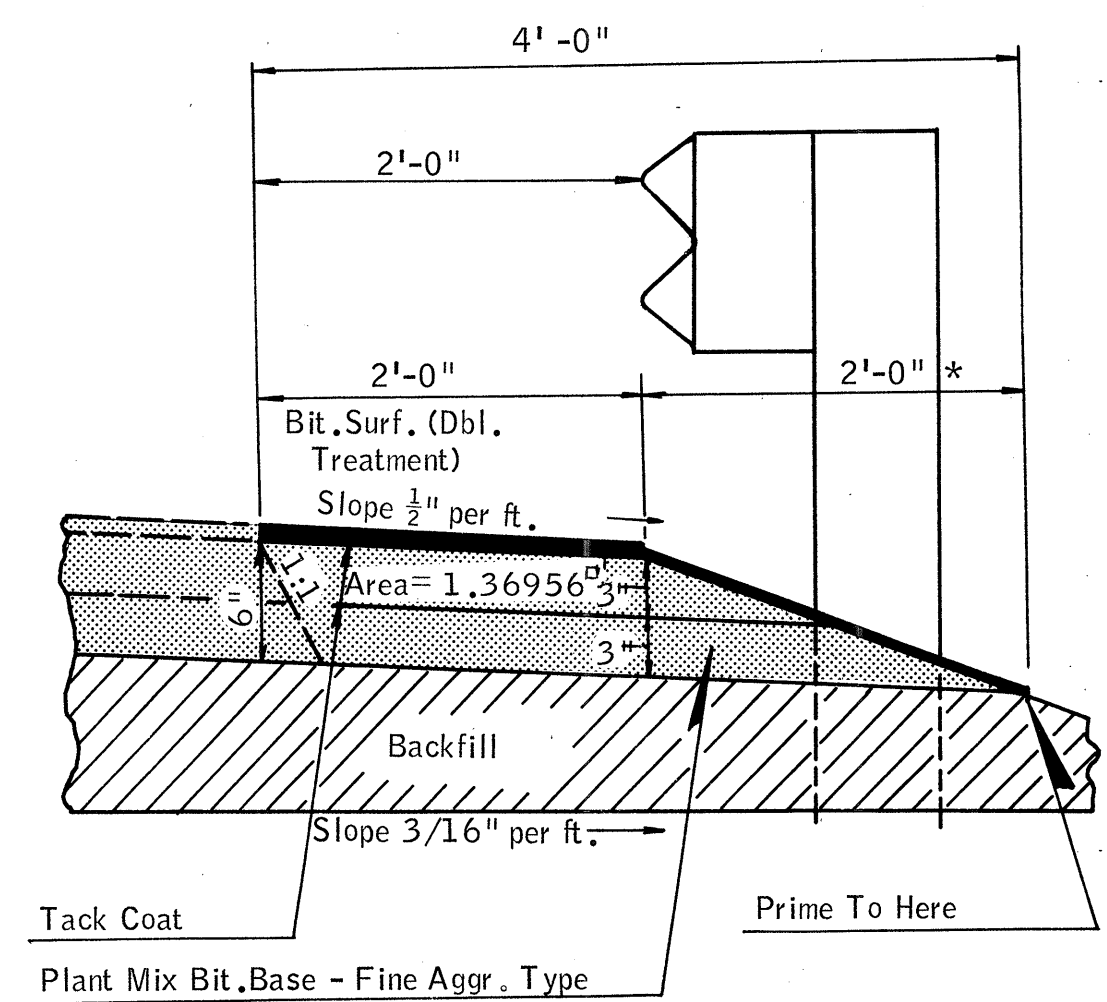
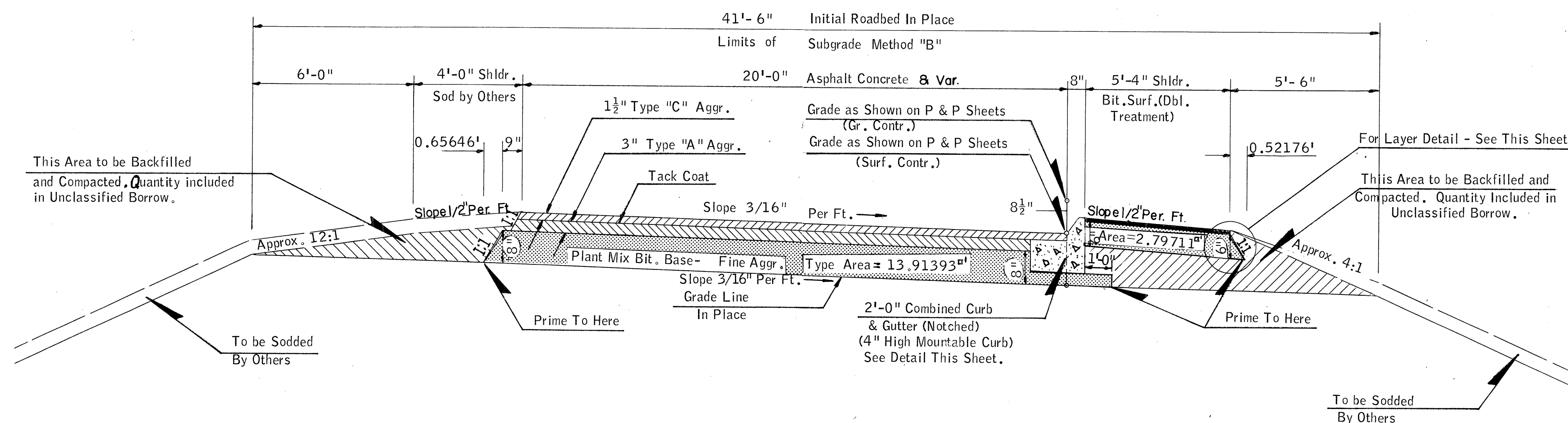
*NOTE: Use 2nd application of No. 2 Cover Material on this Area. No. 2 Cover Material Est. at 1 Cu. Yd. per 120 Sq. Yds. of Area & Asph. Binder at 0.2 Gal. per Sq. Yd. of Area.



SUGGESTED LAYER DETAIL
8" Plant Mix. Bit. Base - Fine Aggr. Type



SUGGESTED LAYER DETAIL
13 1/2" Asphalt Concrete & Plant Mix Bit. Base - Fine Aggr. Type

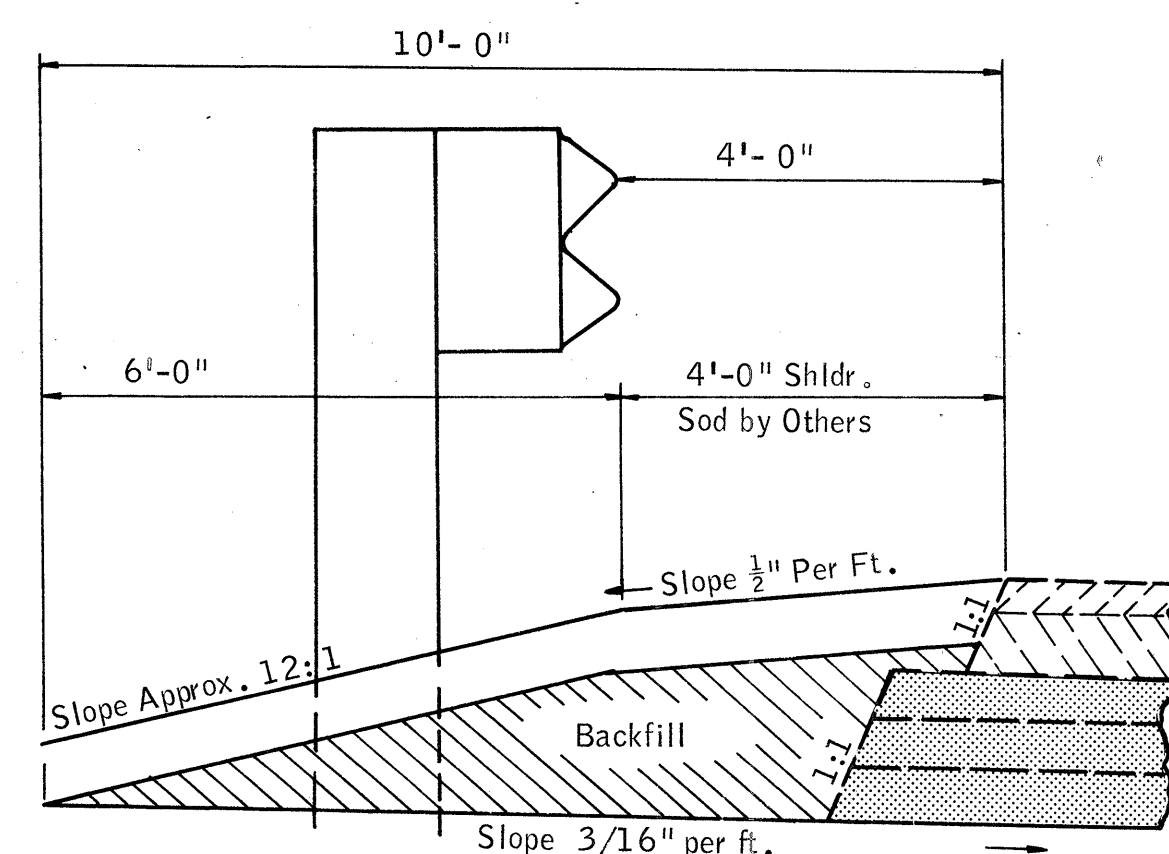


TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL OUTSIDE SHOULDER LINE "E" (Where Guard Rail Is Used)

TYPICAL SURFACING SECTION NO. 6

LINE E

STA. 1384 + 97.52 TO STA. 1396 + 40.45



TYPICAL PLACEMENT OF GUARD RAIL OUTSIDE SHOULDER LINE "E" (Where Guard Rail Is Used)

Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Design		
Drawn		
Checked		
Approved		
Squad		

TYPICAL SECTIONS

F.A. Project No. 1-35-2(13)091 Sheet No. 6

49'-0" Initial Roadbed (In Place)
Limits of Subgrade Method "B"

2'-6" 10'-0" Shldr. Bit. Surf. (Dbl. Treatment) 24'-0" Asphalt Concrete Surface 10'-0" Shldr. Bit. Surf. (Dbl. Treatment) 2'-6"

0.46312'

2" Type "C" Aggr.

Grade as Shown on P & P Sheets (Gr. Contr.)

Grade as Shown on P & P Sheets (Surf. Contr.)

1 1/2" Crown 2" in 12'

Slope 1/2" Per Ft.

Slope 1/8" Per Ft.

Plant Mix Bit. Base - Fine Aggr. Type

Area = 28.47944 a'

Grade Line (In Place)

Prime To Here

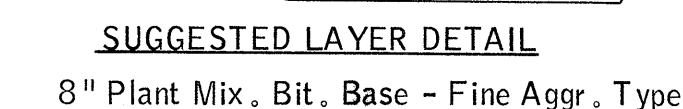
To be Sodded by Others

To be Sodded by Others

Approx. 4:1

For Layer Detail - See This Sheet

This Area to be Backfilled and Compacted. Quantity included in Unclassified Borrow.



ADAMS STREET
STA. 9 + 00 TO STA. 21 + 00

Diagram illustrating the cross-section of a curb with a sloped side face.

Dimensions and Area:

- Top Width: 2'-0"
- Bottom Width: 2'-6" *
- Area of sloped side face: 0.46667 sq ft
- Slope: 1/8" per ft.

Labels and Notes:

- Tack Coat
- Prime To Here
- Plant Mix Bit. Base - Fine Aggr. Type

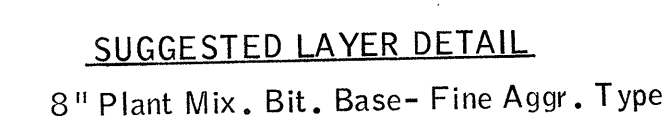
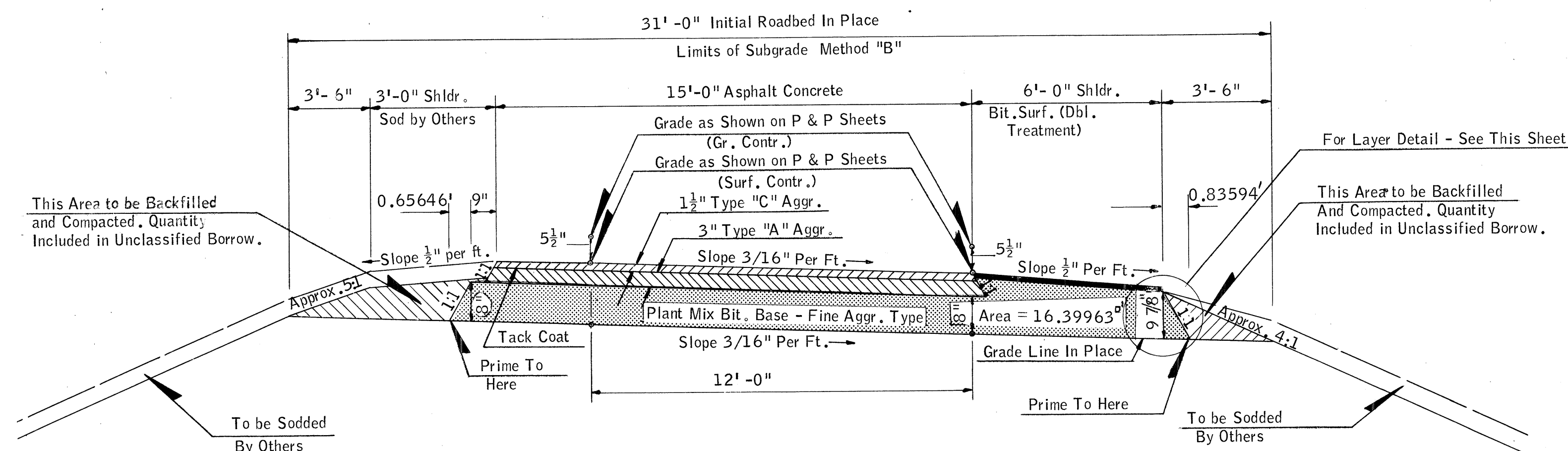
TYPICAL WIDENING FOR GUARD RAIL
& SUGGESTED LAYER DETAIL

RT. & LT. SHOULDER - ADAMS STREET (Where Guard Rail Is Used)

THICKNESS DIMENSIONS ARE APPROXIMATE
THE TOLERANCES OF THE GOVERNING SPE-
CIFICATIONS WILL CONTROL.

DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

NOTE: WIDENING FOR GUARD RAIL
BY SURFACING CONTRACTOR. GUARD
RAIL TO BE CONSTRUCTED BY OTHERS.



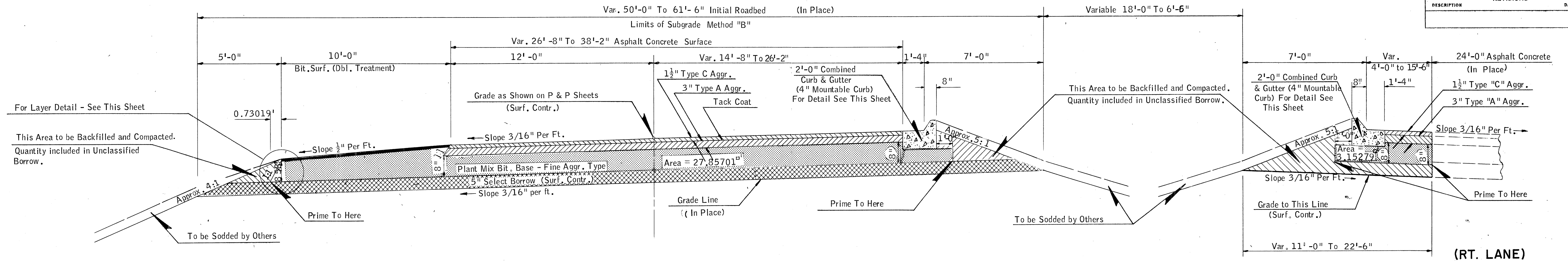
STA. 1560 + 72.35 TO STA. 1570 + 18.84 RAMP "A"
STA. 1563 + 16.78 TO STA. 1576 + 22.33 RAMP "B"

Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

TYPICAL SECTIONS

F.A. Project No. 1-35-2(13)091 Sheet No. 7

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13)	03	8	
REVISIONS					
DESCRIPTION	REVISIONS		DATE		

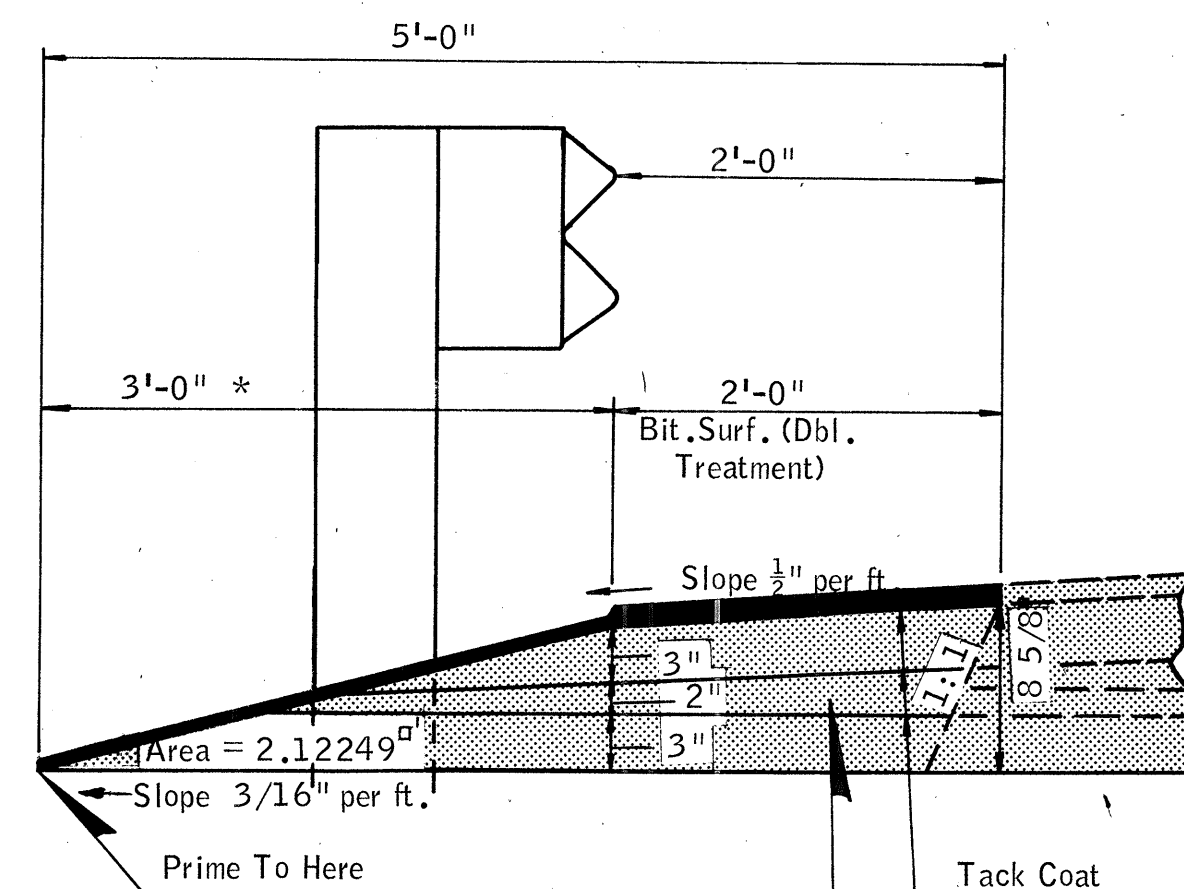


*NOTE: Use 2nd application of No. 2 Cover Material on this Area. No. 2 Cover Material Est. at 1 Cu.Yd. per 120 Sq.Yds. of Area & Asph. Binder at 0.2 Gal. per Sq.Yd. of Area.

TYPICAL SURFACING SECTION NO. 9

S.H. 74 (SOUTH)
STA. 622 + 00 TO STA. 638 + 00

The thickness as shown for Select Borrow is approximate. Finish and Tolerance for Select Borrow shall be in accordance with Section 310.04, Method "B" of the Standard Specifications.



Plant Mix Bit. Base - Fine Aggr. Type

TYPICAL WIDENING FOR GUARD RAIL & SUGGESTED LAYER DETAIL

OUTSIDE SHOULDER - S.H. 74 SOUTH (Where Guard Rail Is Used)

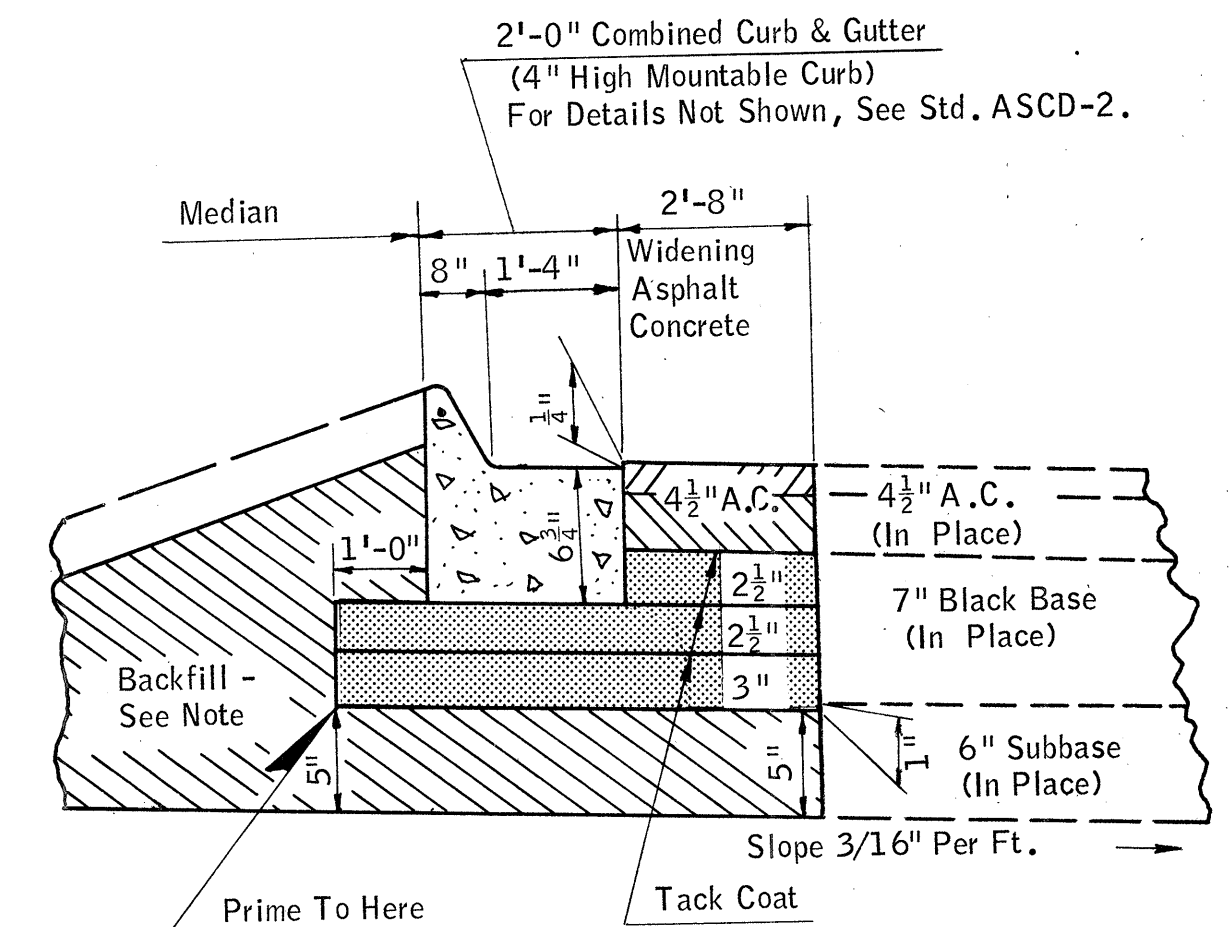
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

THICKNESS DIMENSIONS ARE APPROXIMATE THE TOLERANCES OF THE GOVERNING SPECIFICATIONS WILL CONTROL.

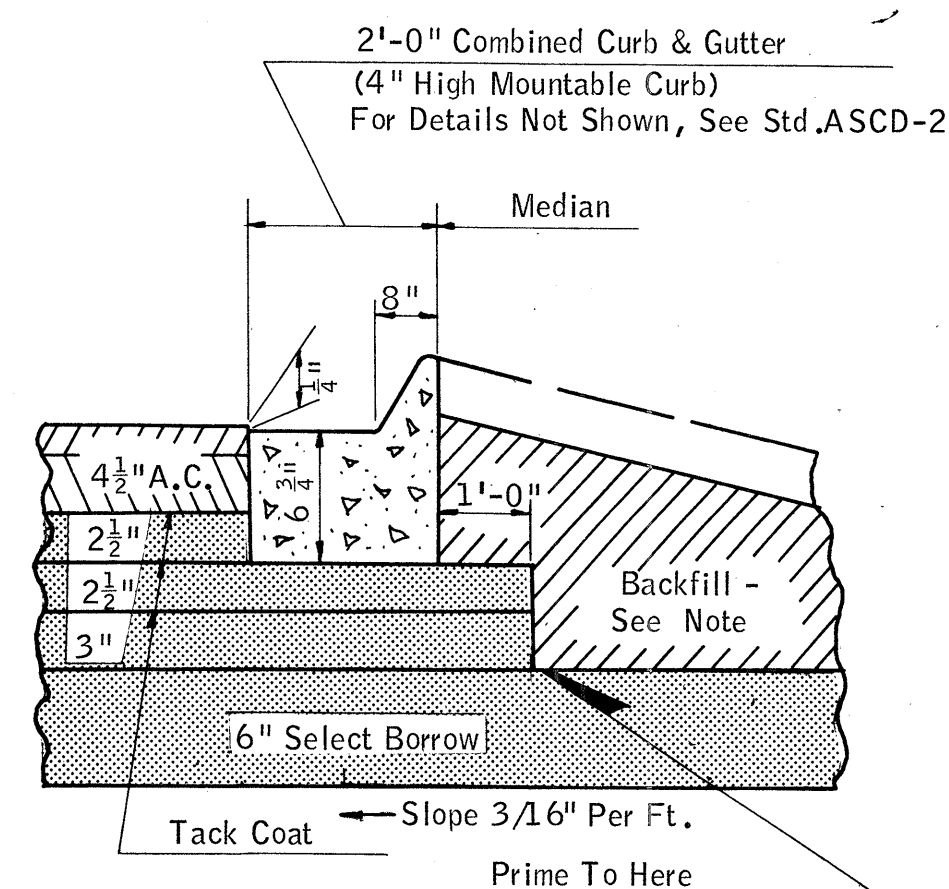
DIMENSIONS SHOWN FOR CUT OR FILL OF THE SUBGRADE ARE THEORETICAL. ACTUAL DIMENSIONS WILL DEPEND ON THE ELEVATION OF SUBGRADE IN PLACE.

NOTE: WIDENING FOR GUARD RAIL BY SURFACING CONTRACTOR. GUARD RAIL TO BE CONSTRUCTED BY OTHERS.

Wood Strips up to 7/8" depth will be permitted on the bottom of curb & gutter forms in order to obtain the exact planned thickness.

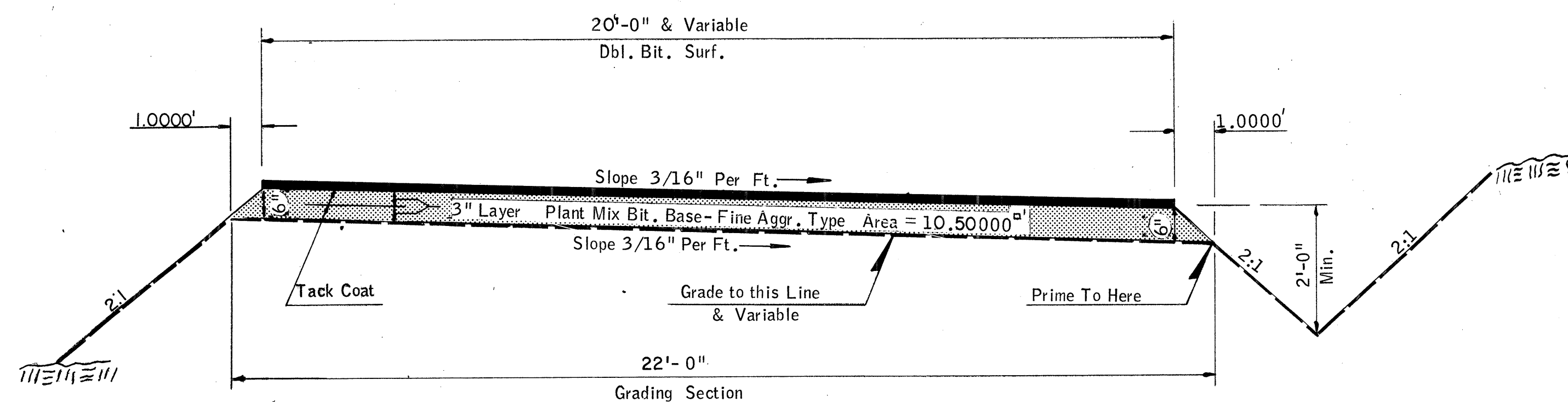


8" Plant Mix Bit. Base - Fine Aggr. Type



8" Plant Mix. Bit. Base - Fine Aggr. Type

Wood Strips up to 7/8" depth will be permitted on the bottom of curb & gutter forms in order to obtain the exact planned thickness.



TYPICAL SECTION DETOUR ROAD

Design			
Drawn			
Checked			
Approved			
Squad			

TYPICAL SECTIONS.

F.A. Project No. 1-35-2(13)091 Sheet No. 8

SUMMARY OF BASE WIDENING FOR GUARD RAIL																
P & P SHEET NO.	STATION TO STATION	AGGREGATE 314.06(A)		ASPHALT 314.06(B)		BITUMINOUS BINDER 402.06(A)		NO. 1 COVER AGGREGATE 402.06(B-1)		NO. 2 COVER AGGREGATE 402.06(B-2)		TACK COAT 407.06		PRIME COAT 408.06		GUARD RAIL WIDENING SHOULDER
		TON	TON	TON	GAL.	CU. YDS.	CU. YDS.	CU. YDS.	GAL.	GAL.	LIN. FT.	LIN. FT.				
	LT. LANE MAINLINE (10' SHLDR.)															
16	1340+18.19 - 1342+93.19	64.09	3.73	3.73	55.00	.87	1.53	24.44	29.75	275.						
16 & 17	1345+18.86 - 1355+18.86	227.23	13.22	13.22	195.00	3.09	5.41	86.67	105.47	975.						
19	1383+95.74 - 1399+95.74	372.90	21.70	21.70	319.98	5.07	8.88	142.22	173.07	1,600.						
19	1401+21.66 - 1402+71.66	29.13	1.70	1.70	25.00	.40	.69	11.11	13.52	125.						
21	1451+18.85 - 1452+68.85	29.13	1.70	1.70	30.00	.48	.83	13.33	16.23	150.						
21	1453+94.77 - 1467+00.00	304.19	17.70	17.70	261.03	4.14	7.24	116.02	141.18	1,305.2						
21 & 24	1467+00.00 - 1476+63.63	224.58	13.07	13.07	192.71	3.05	5.35	85.65	104.23	963.6						
24	1481+06.79 - 1484+20.17	60.85	3.54	3.54	62.68	.99	1.74	27.86	34.01	313.4						
24	1483+63.37 - 1503+00.00	337.20	19.62	19.62	347.30	5.51	9.64	154.37	187.85	1,736.6						
24 & 25	1503+00.00 - 1512+98.56	232.73	13.54	13.54	199.71	3.17	5.54	88.77	108.02	998.6						
25	1514+13.22 - 1516+13.22	40.79	2.37	2.37	35.00	.55	.97	15.56	18.93	175.						
25	1528+00.00 - 1530+80.00	40.79	2.37	2.37	35.00	.55	.97	15.56	18.93	175.						
26	1559+50.00 - 1561+00.00	24.27	1.41	1.41	25.00	.40	.69	11.11	13.52	125.						
	SUB-TOTAL	1,987.88	115.67	115.67	1,783.41	28.27	49.48	792.67	964.71	8,917.4						
	LT. LANE MAINLINE (4' SHLDR.)															
16	1340+85.27 - 1342+35.27	32.81	1.91	1.91	30.00	.48	.83	13.33	15.73	150.						
16 & 17	1344+62.12 - 1354+62.12	213.25	12.41	12.41	195.00	3.09	5.41	86.67	102.23	975.						
19	1398+45.74 - 1399+95.74	27.34	1.59	1.59	25.00	.40	.69	11.11	13.11	125.						
19	1401+21.66 - 1402+71.66	27.34	1.59	1.59	25.00	.40	.69	11.11	13.11	125.						
21	1451+18.85 - 1452+68.85	17.94	1.04	1.04	25.00	.40	.69	8.33	13.11	125.						
21	1453+94.77 - 1455+44.77	17.94	1.04	1.04	25.00	.40	.69	8.33	13.11	125.						
24	1474+43.62 - 1475+93.62	17.94	1.04	1.04	25.00	.40	.69	8.33	13.11	125.						
24	1480+32.53 - 1483+79.75	49.83	2.90	2.90	69.44	1.10	1.93	23.15	36.40	347.2						
24	1485+22.94 - 1486+90.25	31.12	1.81	1.81	28.46	.45	.79	12.65	14.92	142.3						
25	1511+40.48 - 1512+90.48	27.34	1.59	1.59	25.00	.40	.69	11.11	13.11	125.						
25	1514+21.30 - 1515+71.30	32.81	1.91	1.91	30.00	.48	.83	13.33	15.73	150.						
26	1558+00.00 - 1561+25.00	60.15	3.50	3.50	55.00	.87	1.53	24.44	28.83	275.						
28	1570+30.00 - 1574+80.00	87.49	5.09	5.09	80.00	1.27	2.22	35.56	41.94	400.						
	SUB-TOTAL	397.24	23.10	23.10	412.90	6.57	11.44	167.45	216.48	2,064.5						
	RT. LANE MAINLINE (10' SHLDR.)															
19	1388+45.74 - 1399+95.74	262.19	15.26	15.26	224.99	3.57	6.24	100.00	121.69	1,125.						
19	1401+21.66 - 1402+71.66	34.96	2.03	2.03	30.00	.48	.83	13.33	16.23	150.						
21	1447+43.85 - 1452+68.85	77.69	4.52	4.52	100.00	1.59	2.78	33.34	54.09	500.						
21 & 24	1453+94.77 - 1475+49.21	333.38	19.40	19.40	429.10	6.80	11.91	143.05	232.09	2,145.6						
24	1479+92.37 - 1483+56.64	56.60	3.29	3.29	72.86	1.15	2.02	24.29	39.41	364.3						
24	1484+99.83 - 1497+00.00	186.49	10.85	10.85	240.03	3.80	6.66	106.69	129.83	1,200.2						
24 & 25	1497+00.00 - 1512+85.45	369.52	21.50	21.50	317.08	5.03	8.80	140.94	171.50	1,585.5						
25	1514+26.33 - 1523+01.33	203.93	11.87	11.87	175.00	2.77	4.86	77.78	94.65	875.						
25	1528+50.00 - 1531+00.00	52.44	3.05	3.05	45.00	.71	1.25	20.00	24.34	225.						
26	1558+30.00 - 1559+80.00	29.13	1.70	1.70	25.00	.40	.69	11.11	13.52	125.						
	SUB-TOTAL	1,606.33	93.47	93.47	1,659.06	26.30	46.04	670.53	897.35	8,295.6						
	S.H. 74 SOUTH (10' SHLDR.)															
30	632+26.95 - 634+26.95 LT.	22.23	1.29	1.29	38.89	.55	1.13	12.88	20.76	175.						
	SUB-TOTAL	22.23	1.29	1.29	38.89	.55	1.13	12.88	20.76	175.						
	ADAMS STREET (10' SHLDR.)															
22	13+00.00 - 16+25.00 LT.	7.68	.45	.45	15.28	.64	.64	4.20	15.56	275.						
22	13+00.00 - 16+25.00 RT.	7.68	.45	.45	15.28	.64	.64	4.20	15.56	275.						
	SUB-TOTAL	15.36	.90	.90	30.56	1.28	1.28	8.40	31.12	550.						
	LINE "E" (5'-4" SHLDR.)															
18	1387+50.00 - 1391+50.00 RT.	30.74	1.79	1.79	58.33	1.19	1.39	10.42	36.23	375.						
	SUB-TOTAL	30.74	1.79	1.79	58.33	1.19	1.39	10.42	36.23	375.						
	TOTAL	4,706.01	273.83	273.83	4,617.31	72.96	128.34	1,944.20	2,499.12	23,548.3						

Design		
Drawn		
Checked		
Approved		
Squad		

SUMMARY SHEET

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	I-35-2(13)091		II	

REVISIONS	
DESCRIPTION	DATE
Rev. Extents	6-6-69

SHEET ESTIMATES GRADING				
P & P SHEET NO.	STATION TO STATION	EMBANKMENT + 15%	UNCLASSIFIED EXCAVATION	WASTE
		CU. YD.	CU. YD.	CU. YD.
	LINE "D" & "F"			
16	1324+90.17 To 1340+79.06	2,572	12,302	9,730
	LINE "C"			
16	1327+00 To 1335+00	1,824	3,608	1,784
	TOTAL	4,396	15,910	11,514

SCHEDULE OF SELECT BORROW			
P & P SHEET NO.	STATION TO STATION	THICKNESS	
16	1335+00 - 1342+46.41 Line "D"	4"	
16	1344+99.33 - 1347+00 Line "D"	4"	
17	1347+00 - 1351+00 Line "D"	4" to 0"	
19	1396+00 - 1399+85.20 Lt. Lane	0" to 4"	
19	1401+32.20 - 1405+00 Lt. Lane	4" to 0"	
20	1421+00 - 1423+00 Lt. Lane	2" to 0"	
21	1447+00 - 1405+00 Lt. Lane	0" to 6"	
21	1454+05.31 - 1458+00 Lt. Lane	4" to 0"	
21&23	1472+00 - 1476+34.92 Lt. Lane	0" to 4"	
23	1480+91.08 - 1483+96.61 Lt. Lane	6"	
23	1485+63.18 - 1491+00 Lt. Lane	6" to 0"	
23	1501+00 - 1503+00 Lt. Lane	0" to 2"	
24	1509+00 - 1512+85.93 Lt. Lane	0" to 4"	
24	1514+33.92 - 1518+00 Lt. Lane	4" to 0"	
24&25	1535+00 - 1538+00 Lt. Lane	3" to 0"	
25	1557+00 - 1559+00 Lt. Lane	0" to 2"	
26	1573+00 - 1579+00 Lt. Lane	0" to 6"	
17	1347+00 - 1349+00 Line "C"	2" to 0"	
19	1396+00 - 1399+85.20 Rt. Lane	4" to 0"	
19	1401+32.20 - 1405+00 Rt. Lane	0" to 8"	
20	1421+00 - 1425+00 Rt. Lane	4" to 0"	
21	1445+00 - 1452+58.31 Rt. Lane	0" to 8"	
21	1454+05.31 - 1462+00 Rt. Lane	8" to 0"	
21&23	1468+00 - 1475+64.92 Rt. Lane	0" to 8"	
23	1480+21.08 - 1483+56.19 Rt. Lane	8"	
23	1485+23.39 - 1490+00 Rt. Lane	4" to 0"	
24	1509+00 - 1512+85.93 Rt. Lane	0" to 4"	
24	1514+33.92 - 1518+00 Rt. Lane	4" to 0"	
26	1575+00 - 1579+00 Rt. Lane	0" to 4"	
18	1372+50 - 1385+00 Line "E"	8½"	
18	1385+00 - 1389+00 Line "E"	8½" to 4"	
18	1389+00 - 1402+72.84 Line "E"	4"	
22	9+66 - 11+00 Adams St.	1½" to 0"	
22	19+50 - 21+00 Adams St.	0" to 1½"	
27	622+00 - 629+45.59 SH. 74 So.	5"	
27	632+00 - 638+00 SH. 74 So.	5"	
28	1558+00 - 1560+00 Ramp "A"	1½" to 0"	
28	1565+00 - 1570+18.84 Ramp "A"	0" to 5½"	
28	1564+00 - 1566+00 Ramp "B"	2" to 0"	
28	1571+00 - 1576+22.53 Ramp "B"	0" to 5½"	

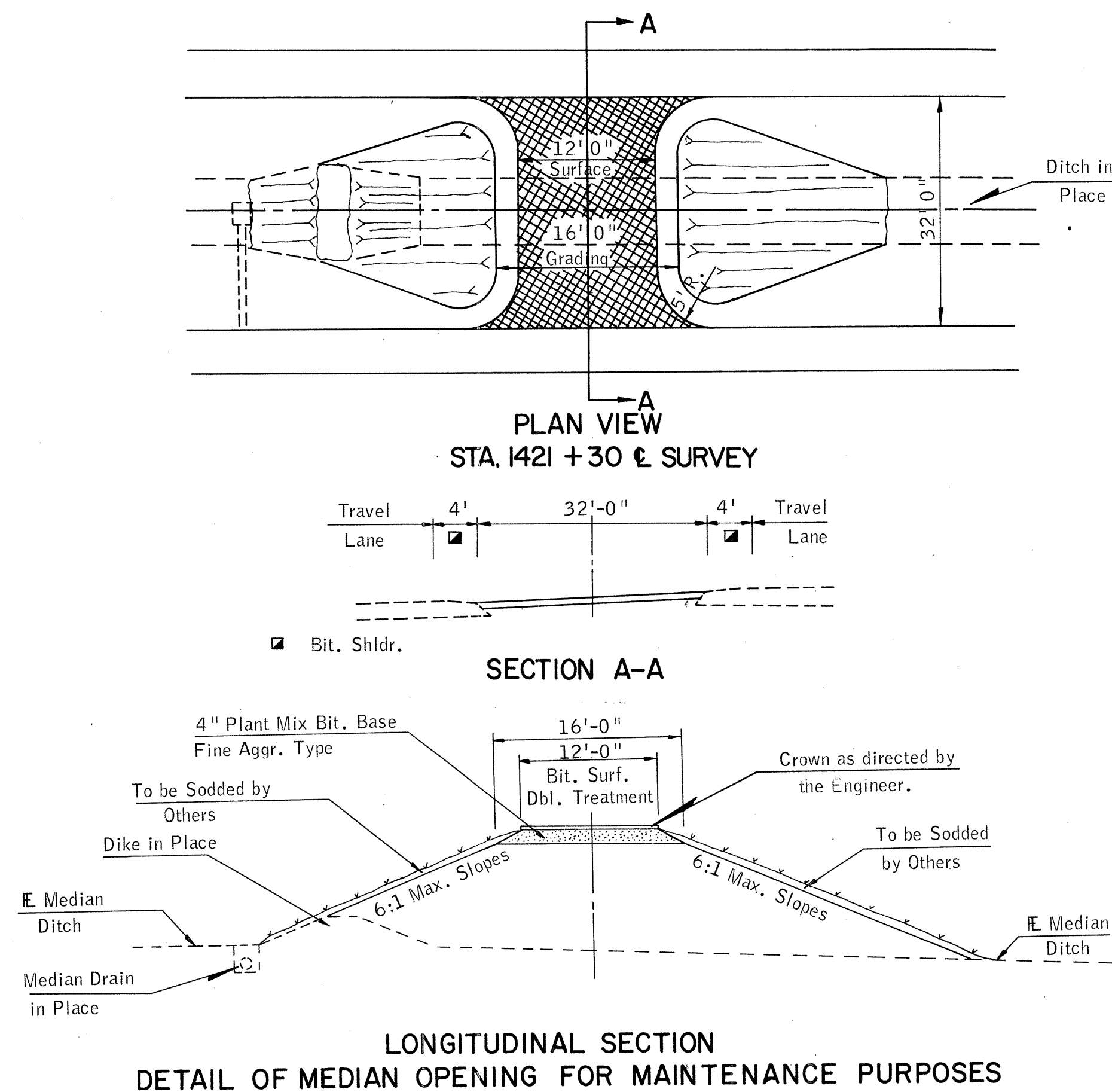
Design		
Drawn		
Checked		
Approved		
Squad		

SUMMARY SHEET

F.A. Project No. I-35-2(13)091 Sheet No. II

FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2-(13) 091		12	

REVISIONS	
DESCRIPTION	DATE
Pay Items	6-6-69



LONGITUDINAL SECTION
DETAIL OF MEDIAN OPENING FOR MAINTENANCE PURPOSES

GENERAL CONSTRUCTION NOTES

- (E-5) Broken rock in excess of 4" shall be removed from the top 6" of roadbed.
- (E-7) Pipe Underdrain quantities estimated only. Location, if and where required, to be determined by the Engineer.
- (E-8) Maintenance of through traffic includes maintenance of detours constructed by the contractor as well as the maintenance of the existinn road from the beginning to the end of the new construction, or as otherwise shown on plans.
- (E-9) Borrow pits used as sources of selected materials shall be worked to the total depth of the pit to produce a blend of all the materials.
- (E-11) The contractor shall remove and reset mail boxes as necessary. Mail boxes to be maintained in upright position and accessible to mail carriers car during construction. Any damage to boxes or supports to be the responsibility of the contractor. Cost to be included in other items of work.
- (E-17) The grade line as shown on plan and profile sheets may be revised by the Engineer, when found necessary, but the roadbed must be constructed to a true grade line.
- (E-18) The Engineer shall check ramp grades at ramp terminals and make any adjustment of the grades and superelevations on the ramps which are required to obtain smooth profiles for both edges of the ramp pavement with a channe in cross slope between the through lanes and the ramps at the terminals of not more than 0.05 feet per foot.
- (E-19) Cost of constructinn ramps to finished grade shoulder elevation to be included in price bid for other items of work.
- (E-20) Prior to final acceptance all exposed curb surfaces shall be cleaned of all discoloration such as asphalt stain, tire marks, or other disfigurement.
- (E-24) Load Transfer Units at expansion and contraction joints on variable width paving or on paving widths not covered on Joint Assembly Standards shall be spaced as shown on Standard CSCD Series unless shown otherwise by a special detail on the plans.
- (E-26) Traffic Stripe to be placed by State Forces.
- (E-32) The Contractor shall keep the open trench drained. Cost to be included in other items.
- (E-34) Test Rolling (Section 203) will not be required on this project.
- (E-38) On new grading sections, the top 8" of subgrade to be thoroughly and uniformly compacted to not less than 95% Standard Density.
- (E-41) Wood Strips up to 7/8" depth will be permitted on the bottom of curb & gutter forms in order to obtain the exact planned thickness.
- (E-42) The thickness as shown for Select Borrow is approximate. Finish and Tolerance for Select Borrow shall be in accordance with Section 310.04, Method "B" of the Standard Specifications.

MAINTENANCE OF TRAFFIC NOTE

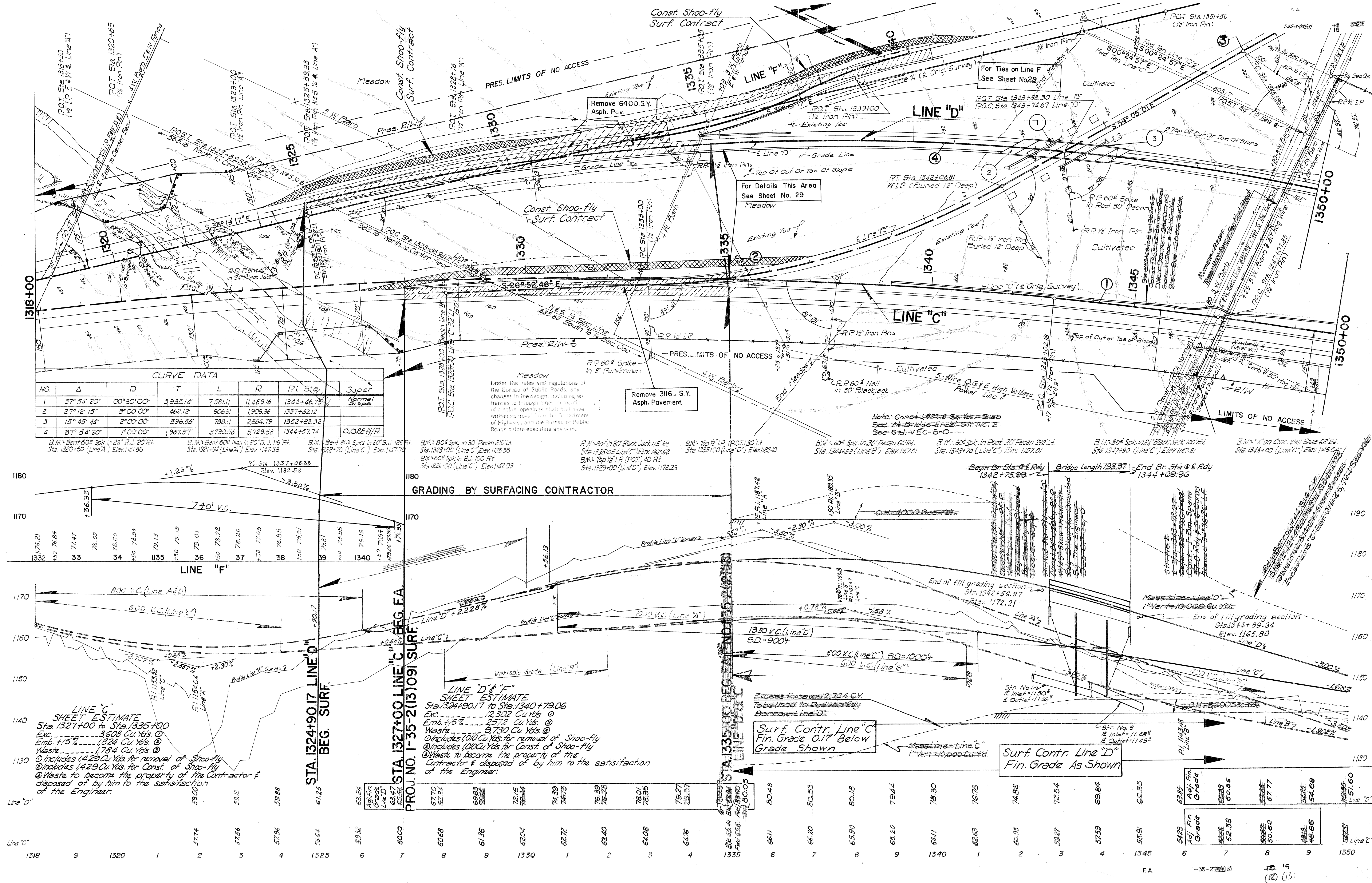
This project shall be constructed without closing S.H. 74 north, Adams Street, S.H. 39, Airport Road & S.H. 74 south to local and through traffic. See Standard Specifications for Maintenance of Traffic.

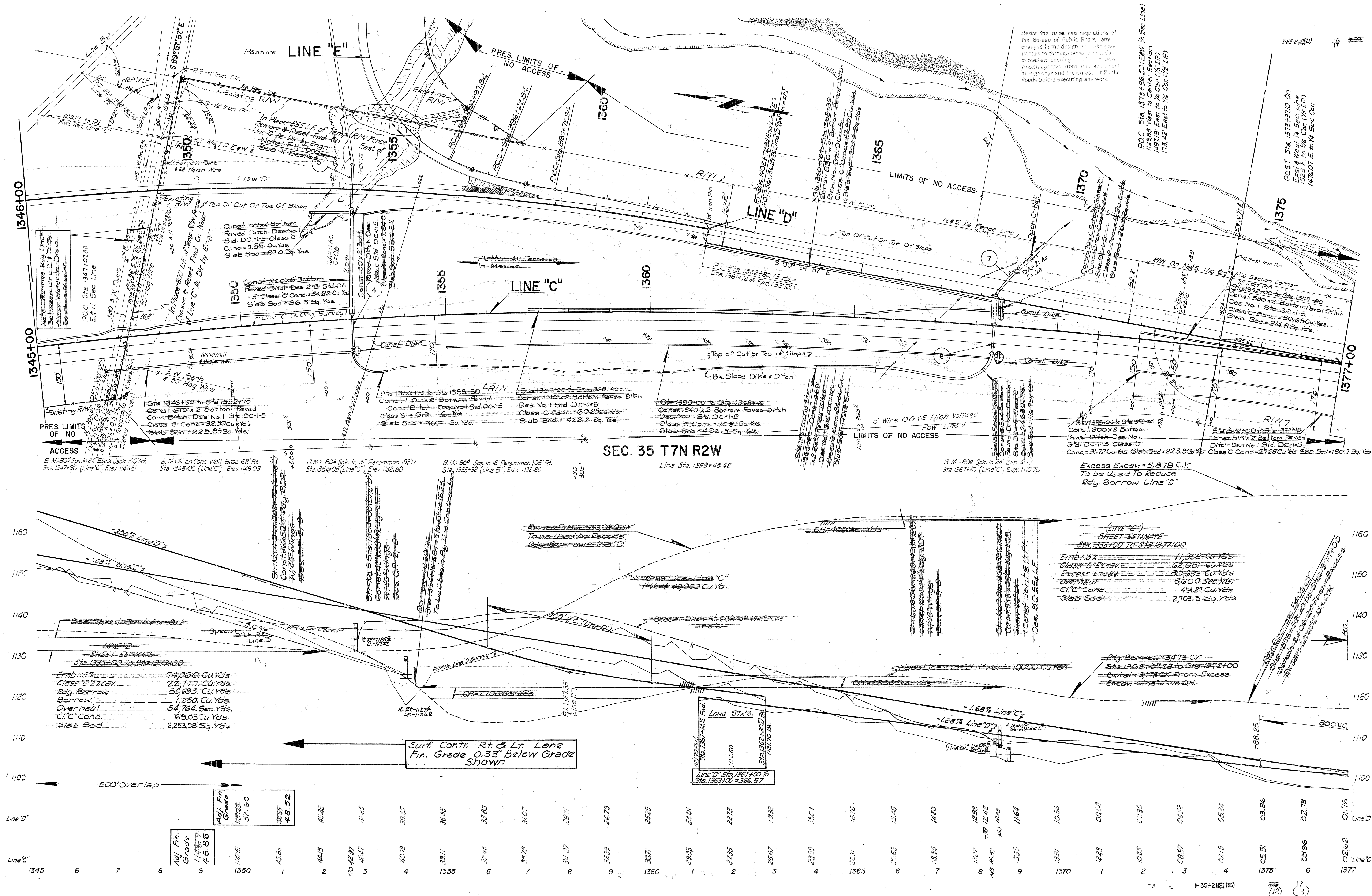
PAY QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	
202.06(C)	Uncl. Exc.	C.Y.	15,910.	27,579.6
202.06(E)	Uncl. Borrow (1)	C.Y.	12,827.	11,563.6
202.06(F)	Select Borrow (F-3)	C.Y.	10,448.	12,427.8
307.06(A)	Hydrated Lime (F-15)(F-15a)	TON	567.	566,335
307.06(B)	6" Lime Treated Subgr.	S.Y.	49,374.	49,472.2
310.06(B)	Subgr. Method B (F-8)	S.Y.	263,998.	237,613.1
314.06(A)	Aggr. (F-13)	TON	132,746.	131,284.
314.06(B)	Asph. (F-13a)	TON	7,726.	7,640.87
402.06(A)	Bituminous Binder (2)	GAL.	65,947.	54,296.
402.06(B-1)	No. 1 Cover Aggr. (F-21)	C.Y.	1,324.	684.2
402.06(B-2)	No. 2 Cover Aggr. (3)	C.Y.	1,589.	1,302.7
407.06	Tack Coat (F-25)	GAL.	63,142.	33,638
408.06	Prime Coat (F-40)	GAL.	66,337.	0.
411.06(A-1)	Type A Aggr. (F-24)	TON	23,636.	27,395.35
411.06(A-3)	Type C Aggr. (F-24)	TON	11,880.	13,484.82
411.06(B)	Asph. (F-24a)	TON	2,003.	2,211.56
509.06(D)	Class C Conc. (4)	C.Y.	50.	3.96
610.06(C)	6" Conc. Dividing Strip	S.Y.	181.	181.9
614.06(A)	Perf. Pipe Underdrain (F-39)	L.F.	2,000.	0.
614.06(B)	Non-Perf. Pipe Underdrain (F-39)	L.F.	800.	0.
614.06(C)	Pipe Underdrain Cover Mat'l. (F-29)	C.Y.	800.	0.
619.06(B)	Removal of Asph. Pav't.	S.Y.	9,516.	13,293.9
640.06	Field Office and Laboratory	EA.	1.	1.
609.06(B)	2'-0" Combined Curb & Gutter			
	(4" Mountable Curb)	L.F.	3,546.	3,775.
609.06(BB)	2'-0" Combined Curb & Gutter			
	(Notched)(4" Mountable Curb)	L.F.	1,777.	1,781.

- (1) Est. Quantity for Backfill of shoulders.
- (2) Est. at .7 Gal. per Sq. Yd. of Dbl. Treatment Bit. Surf. &
Est. at .35 Gal. per Sq. Yd. of Sgl. Treatment Bit. Surf. &
Est. at .2 Gal. per Sq. Yd. of Base Widening where 2nd application
of No. 2 Cover Aggr. is specified.
- (3) Est. at 1 Cu. Yd. per 60 Sq. Yds. of No. 2 Cover Area &
Est. at 1 Cu. Yd. per 120 Sq. Yds. of Base Widening where
2nd application of No. 2 Cover Aggr. is specified.
- (4) To be used as directed by the Engineer.
- (F-3) Includes 20% for Compaction.
- (F-8) No Subgrade Method 'B' will be required within the area of Line treatment.
- (F-13) Est. at 94.5% of Bit. Base — Bit. Base-Fine Aggr. Type
Est. at 95 Lbs. per Sq.Yd.
- (F-13a) Est. at 5.5% of Bit. Base — per 1" Thick.##
- (F-15) Est. at 21.6 Lbs. per Sq. Yd. (6" Thick)(Soil Est. at 120 Lbs. per Cu. Ft.)4%
- (F-15a) Est. at 27.0 Lbs. per Sq. Yd. (6" Thick)(Soil Est. at 120 Lbs. per Cu. Ft.) 5%
- (F-21) Est. at 1 Cu. Yd. per 70 Sq. Yds.
- (F-24) Type A Est. at 95% of Asphalt Concrete
Type C Est. at 94% of Asphalt Concrete — Asphalt Concrete
Est. at 108 Lbs. per
Sq. Yd. per 1" Thick.
- (F-24a) Est. at 5% of Asphalt Concrete (Type A Aggr.)
Est. at 6% of Asphalt Concrete (Type C Aggr.)
- (F-25) Est. at 0.05 Gal. per Sq. Yd. prior to Dilution.
- (F-29) Est. at 10 Cu. Yds. per Sta. per Vert. Foot of Depth.
- (F-39) Design 1, 2, 3 or 5 shall be 8" diameter; Design 4 shall be 5" x 2-5/16"
Semicircular Pipe.
- (F-40) Est. at 0.25 Gal. per Sq.Yd.

Design				<p style="text-align: center;">SUMMARY OF PAY QUANTITIES</p> <p>F.A. Project No. <u>1-35-2(13)091</u> Sheet No. <u>12</u></p>
Drawn				
Checked				
Approved				
Squad				





SEC. 35 T7N R2W

Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

FOR DETAILS OF INTERCHANGE SEE SHEET NO'S 16, 32, 33

For Details of Interchange See Sheets No. 30 & 31

SEC. 36 T7N R2W

B.M. No.1 60^d Spk. In Cor. Fence Post 257th Rt. Sta. 1374+62 (Line A) Elev. 1143.81

B.M. No.2 (Bent 80^d Spk. In 18th Elm 274th Lt. Sta. 1379+05 Elev. 1128.03

B.M. No.5 80^d Spk. In 6th Persimmon 90th Lt. Sta. 1401+79 Elev. 1119.11

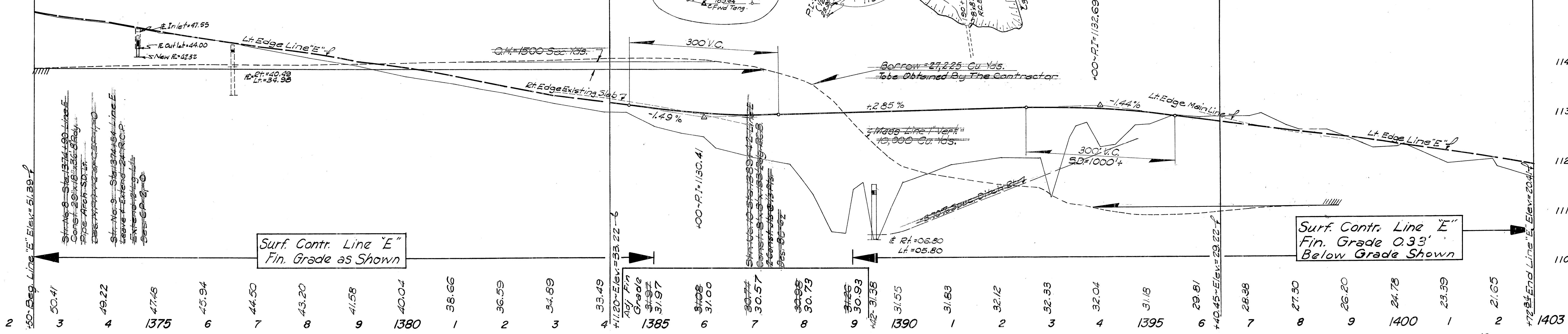
B.M. No.6 RR. Spk. In Root 24th Elm 75th Rt. Sta. 1367+30 (Line D) Elev. 1110.70

B.M. No.4 80^d Spk. In Root 30th Walnut 125th Rt. Sta. 1393+20 Elev. 1127.23

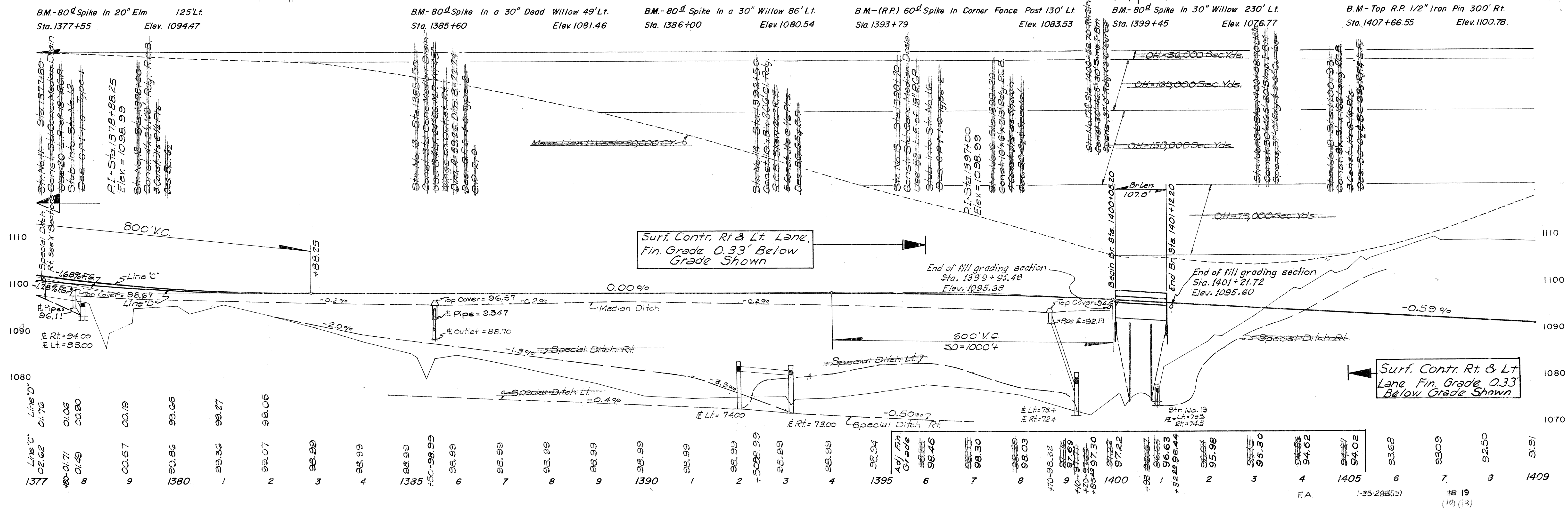
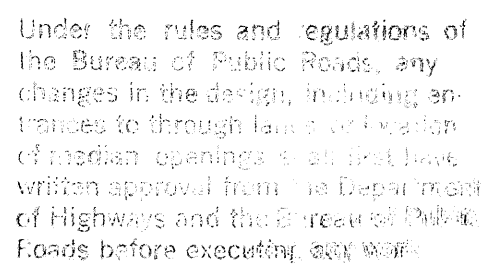
B.M. No.3 (X) On S.W. Cor Of West Conc. Hdwl. 190th Rt. Sta. 1389+26 Elev. 1118.87

LINE "E" SHEET ESTIMATE

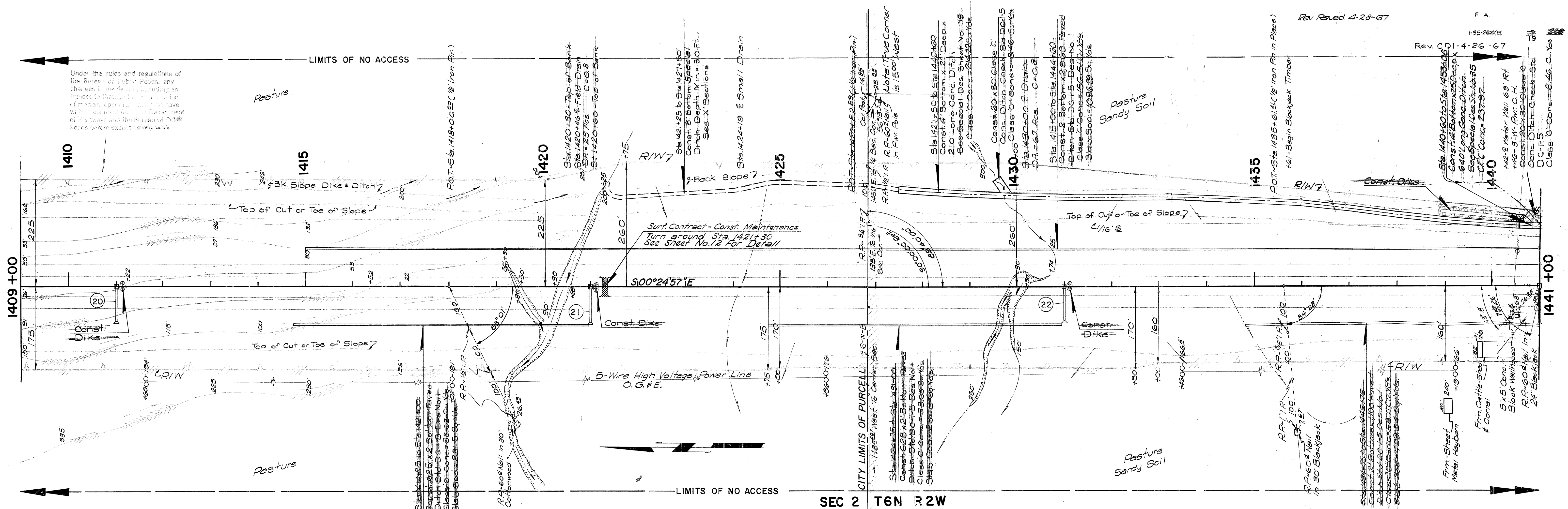
Sta. 1372+50	To Sta. 1398+80
Emb. +15%	35,943 Cu. Yds.
Cl. D. Excav.	8,718 Cu. Yds.
Borrow	27,225 Cu. Yds.
Overhaul	1,500 Cu. Yds.
Chc. Conc.	64,236 Cu. Yds.
Slab Sod	19,144 Sq. Yds.
F.B.S.C.	17.6 Cu. Yds.



Surf. Contr. Line "E"
Fin. Grade 0.33'
Below Grade Shown



Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including alterations to the location of existing structures, shall have been approved by the Department of Highways and the Bureau of Public Roads before executing any work.



SEC 2 T6N R2W

B.M. - 80' Spike In Root of 36" Cottonwood 292' Rt.
Sta. 1420+00 Elev. 1092.02

B.M. - 80' Spike In 30" Cottonwood 400' Lt.
Sta. 1425+00 Elev. 1105.46

B.M. - 80' Spike In 30" Elm 210' Lt.
Sta. 1429+28 Elev. 1097.61

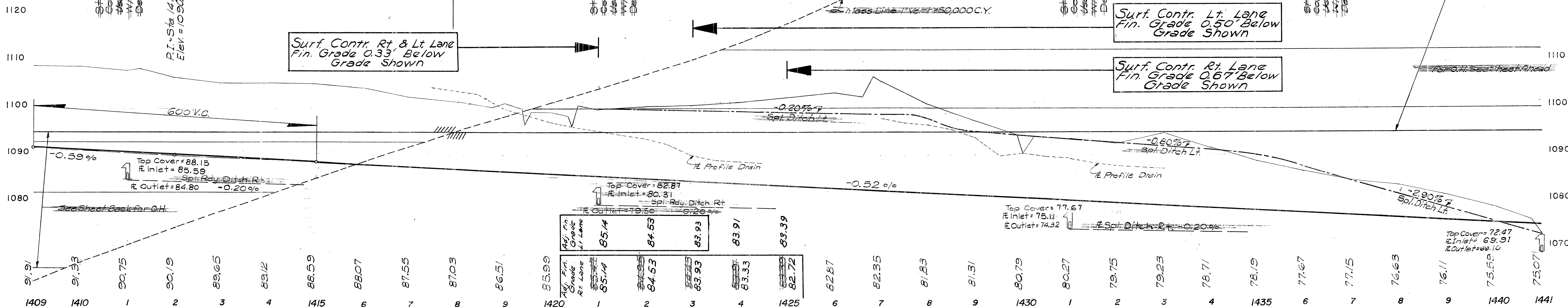
B.M. - 80' Spike In 18" Blackjack 230' Rt.
Sta. 1435+75 Elev. 1088.58

SHEET ESTIMATE
Sta. 1409+00 to Sta. 1441+00
Embl. 15% 236,644 Cu. Yds.
Cl. D.E. Excav. 236,644 Cu. Yds.
Overhaul 434,000 Sec. Yds.
CLC Conc. 290,111 Cu. Yds.
Slab Sod 7,500.4 Sq. Yds.
B/W Markers 4 Each.

Surf. Contr. Rt. & Lt. Lane
Fin. Grade 0.33' Below
Grade Shown

Surf. Contr. Lt. Lane
Fin. Grade 0.50' Below
Grade Shown

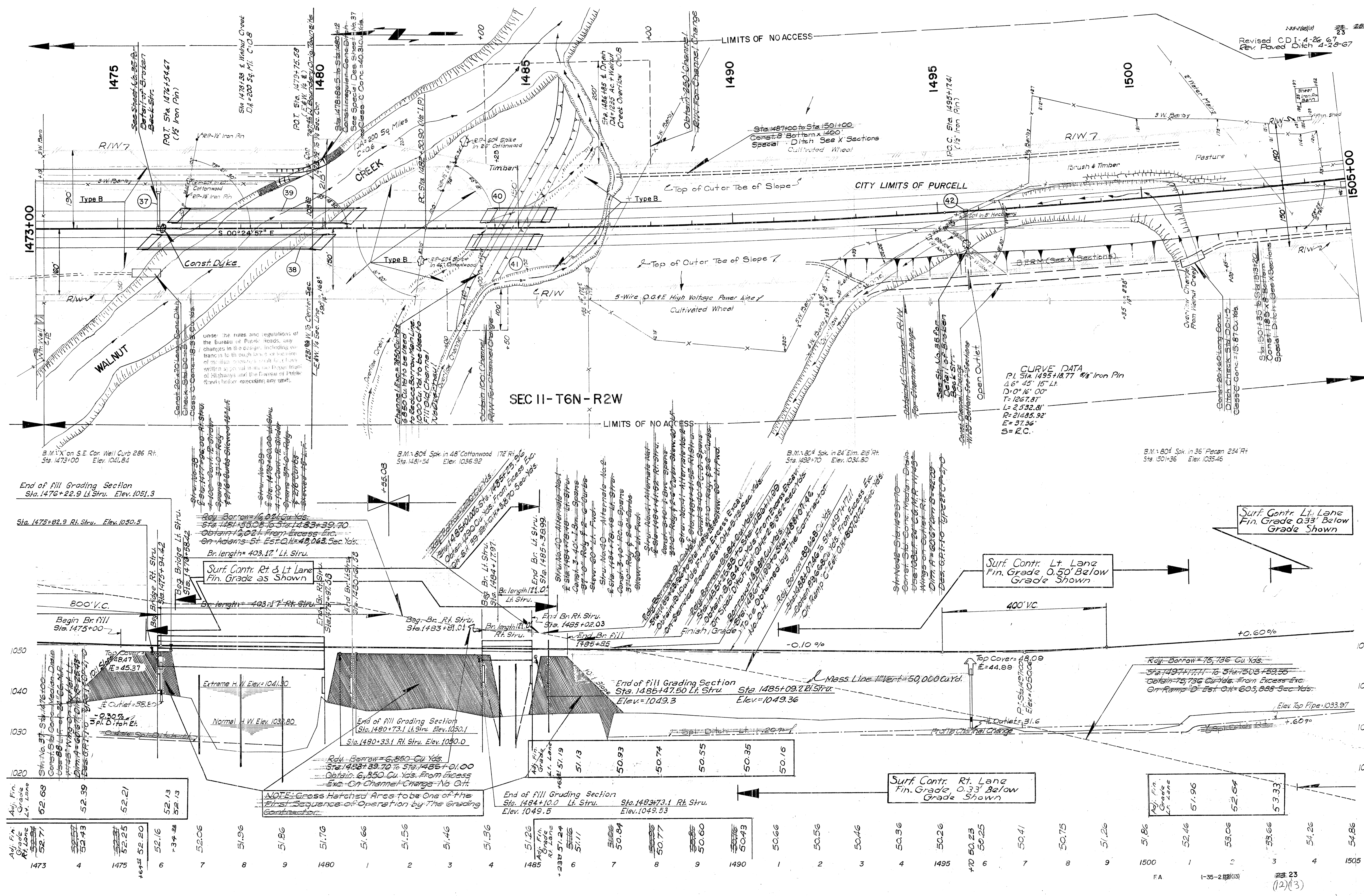
Surf. Contr. Rt. Lane
Fin. Grade 0.67' Below
Grade Shown



Stn.	1409	1410	1415	1420	1425	1430	1435	1440	1441
Profile	91.91	91.33	90.75	90.19	89.65	89.12	88.59	88.07	87.55
Profile	86.51	85.99	85.47	84.95	84.43	83.91	83.39	82.87	82.35
Profile	81.83	81.31	80.79	80.27	79.75	79.23	78.71	78.19	77.67
Profile	77.15	76.63	76.11	75.59	75.07	74.55	74.03	73.51	72.99

R.A. 1-35-2(22)(3)

20 (12) (13)



SEC II-T6N-R2W

CURVE DATA
P.I. Sta. 1495+18.77 5/8" Iron Pin
46° 45' 15" Lt.
D=0° 16' 00"
T=1267.81'
L=2532.81'
R=21485.92'
E=37.36'
S=R.C.

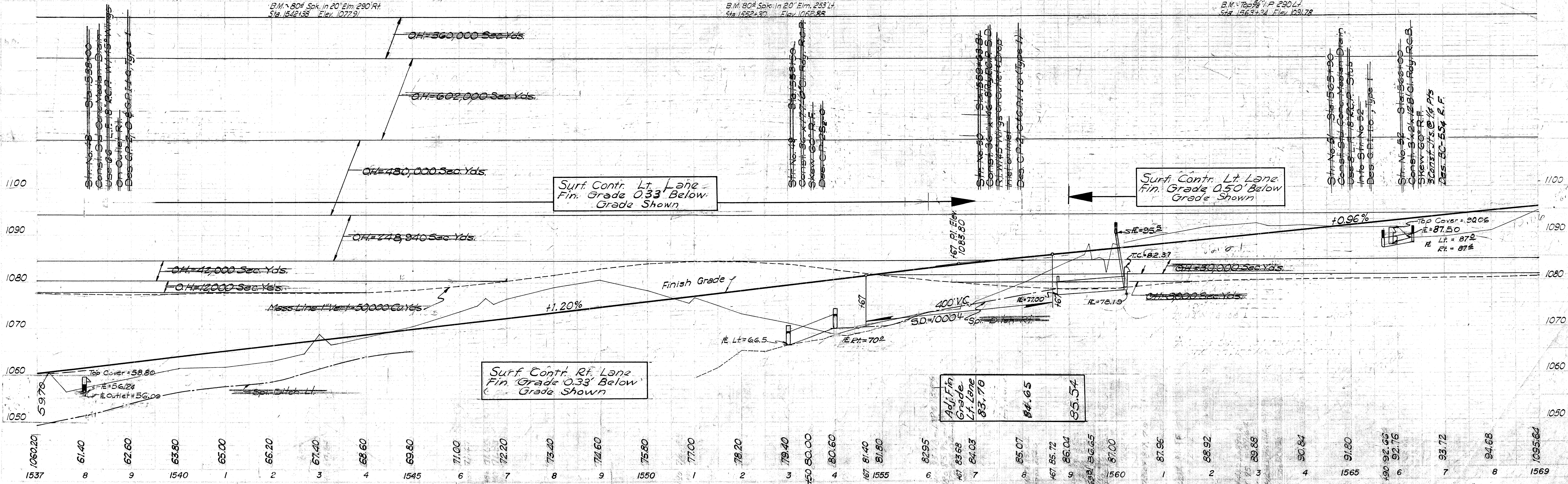
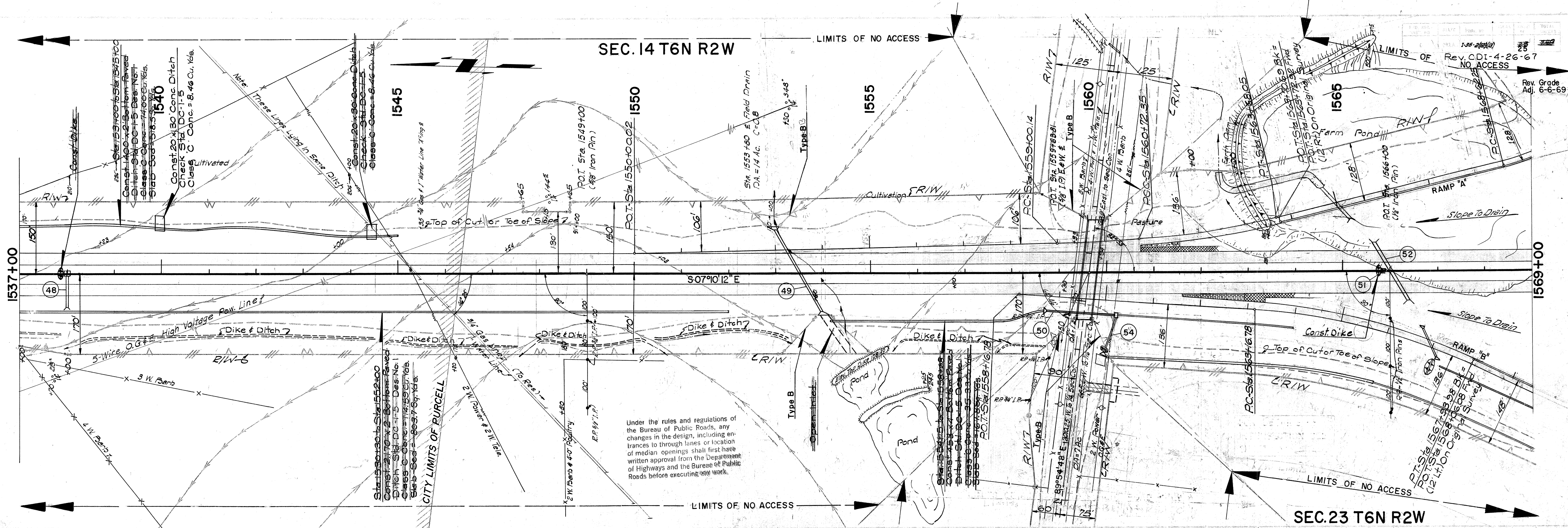
Surf. Contr. Lt. Lane
Fin. Grade 0.33' Below
Grade Shown

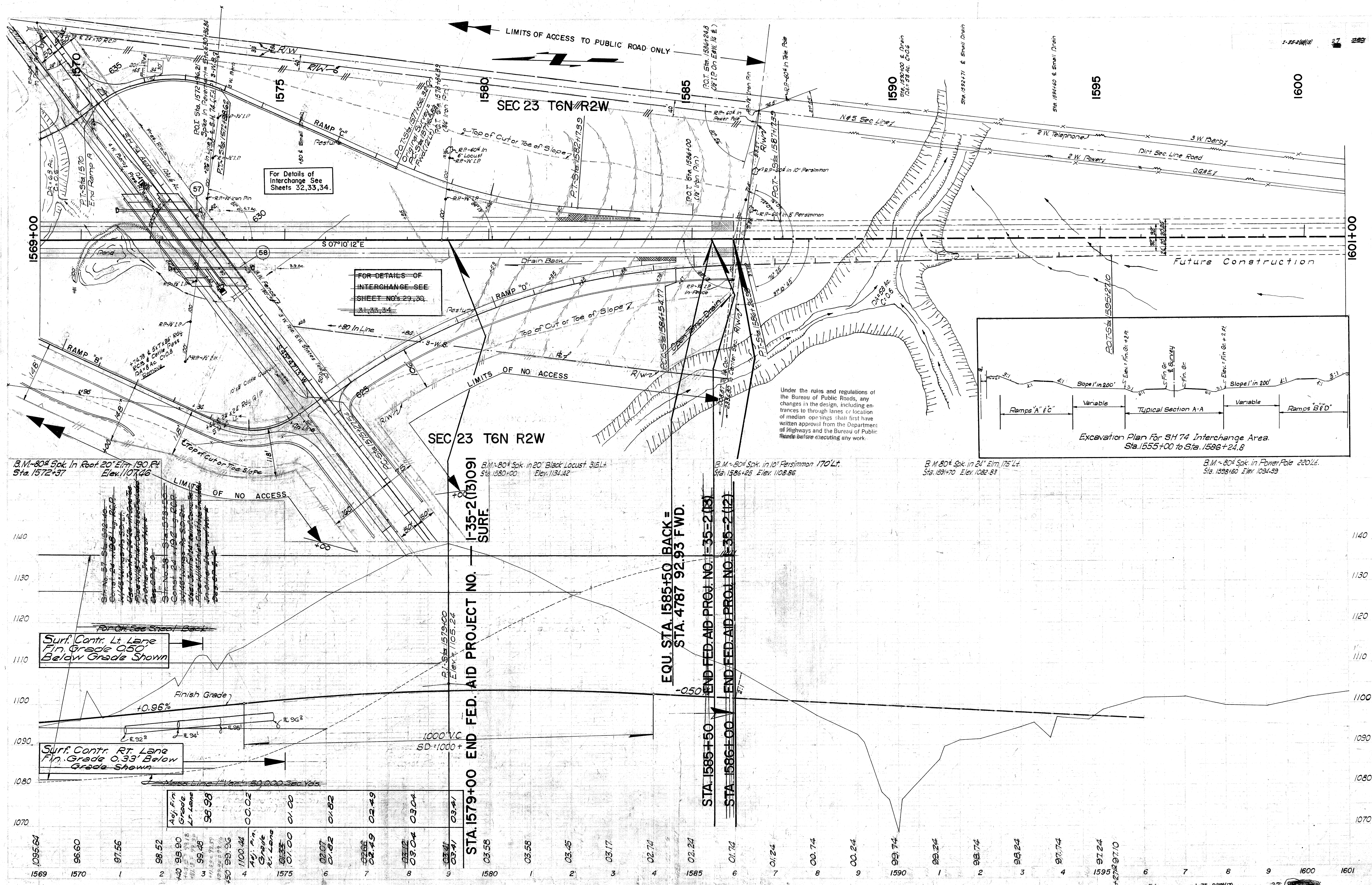
Surf. Contr. Lt. Lane
Fin. Grade 0.50' Below
Grade Shown

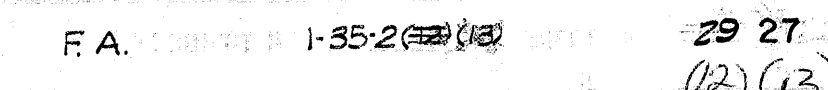
Surf. Contr. Rt. Lane
Fin. Grade 0.33' Below
Grade Shown

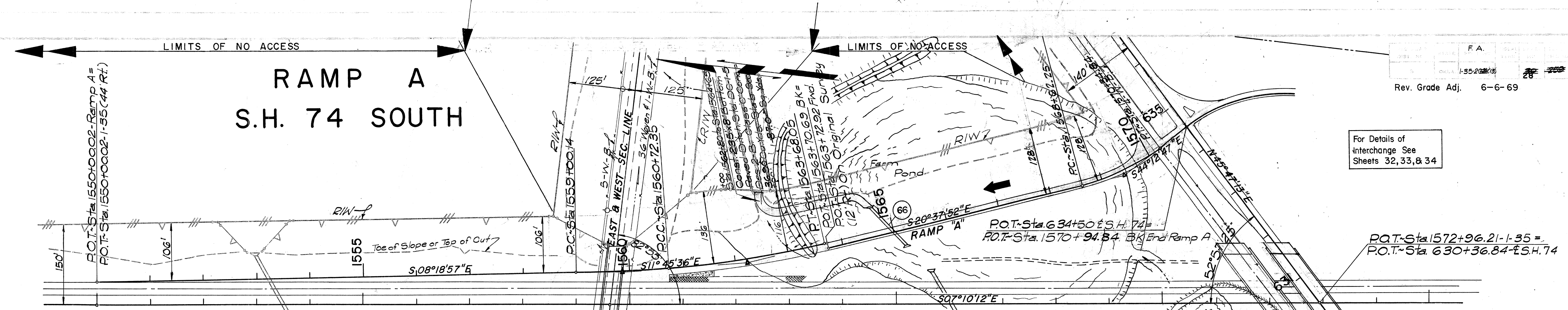
NOTE: Cross Hatched Area to be One of the
First Sequence of Operation by The Grading
Contractor

Adj. Fin. Grade Rt. Lane	52.71	52.43	52.25	52.20	52.16	52.13	52.13	52.06	51.96	51.86	51.76	51.66	51.56	51.46	51.36	51.26	51.16	51.06	50.96	50.86	50.77	50.60	50.43	50.66	50.56	50.46	50.36	50.26	50.23	50.25	50.41	50.75	51.26	51.86	52.46	53.06	53.66	54.26	54.86
1473	4	1475	6	7	8	9	1480	1	2	3	4	1485	6	7	8	9	1490	1	2	3	4	1495	470	6	7	8	9	1500	1	2	3	4	1505						
1473	4	1475	6	7	8	9	1480	1	2	3	4	1485	6	7	8	9	1490	1	2	3	4	1495	470	6	7	8	9	1500	1	2	3	4	1505						
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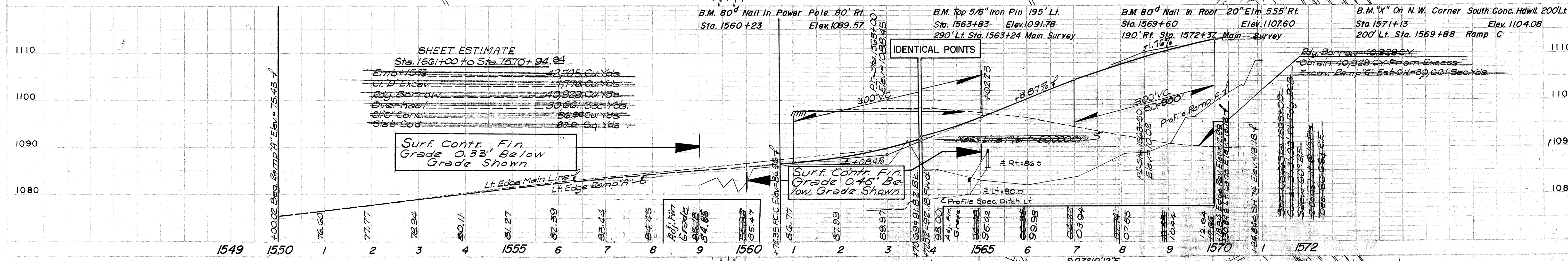






For Details of Interchange See Sheets 32, 33, & 34

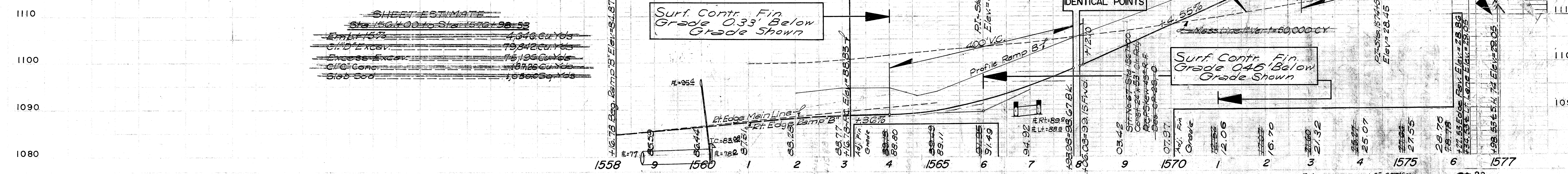
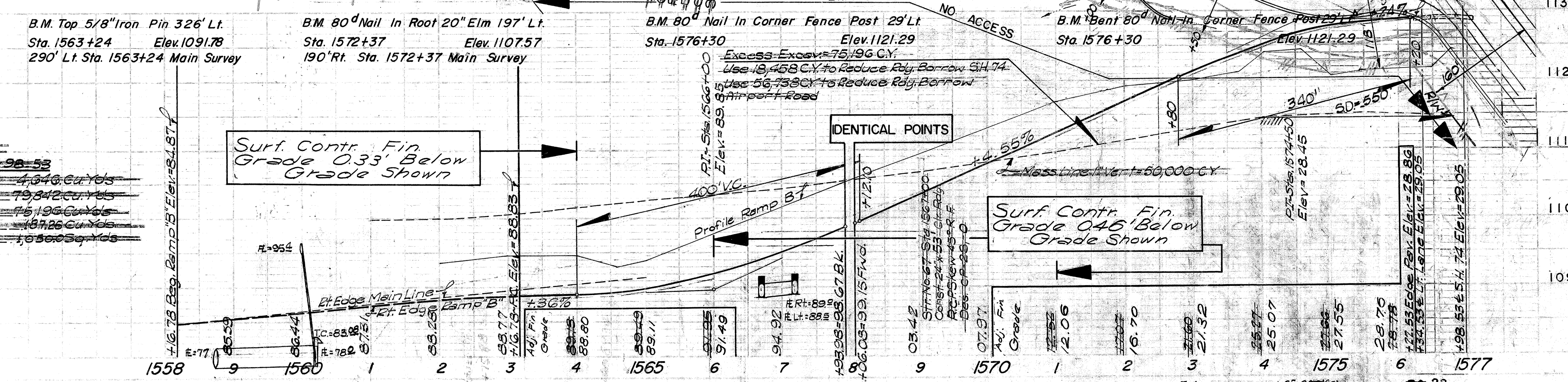
Rev. Grade Adj. 6-6-69

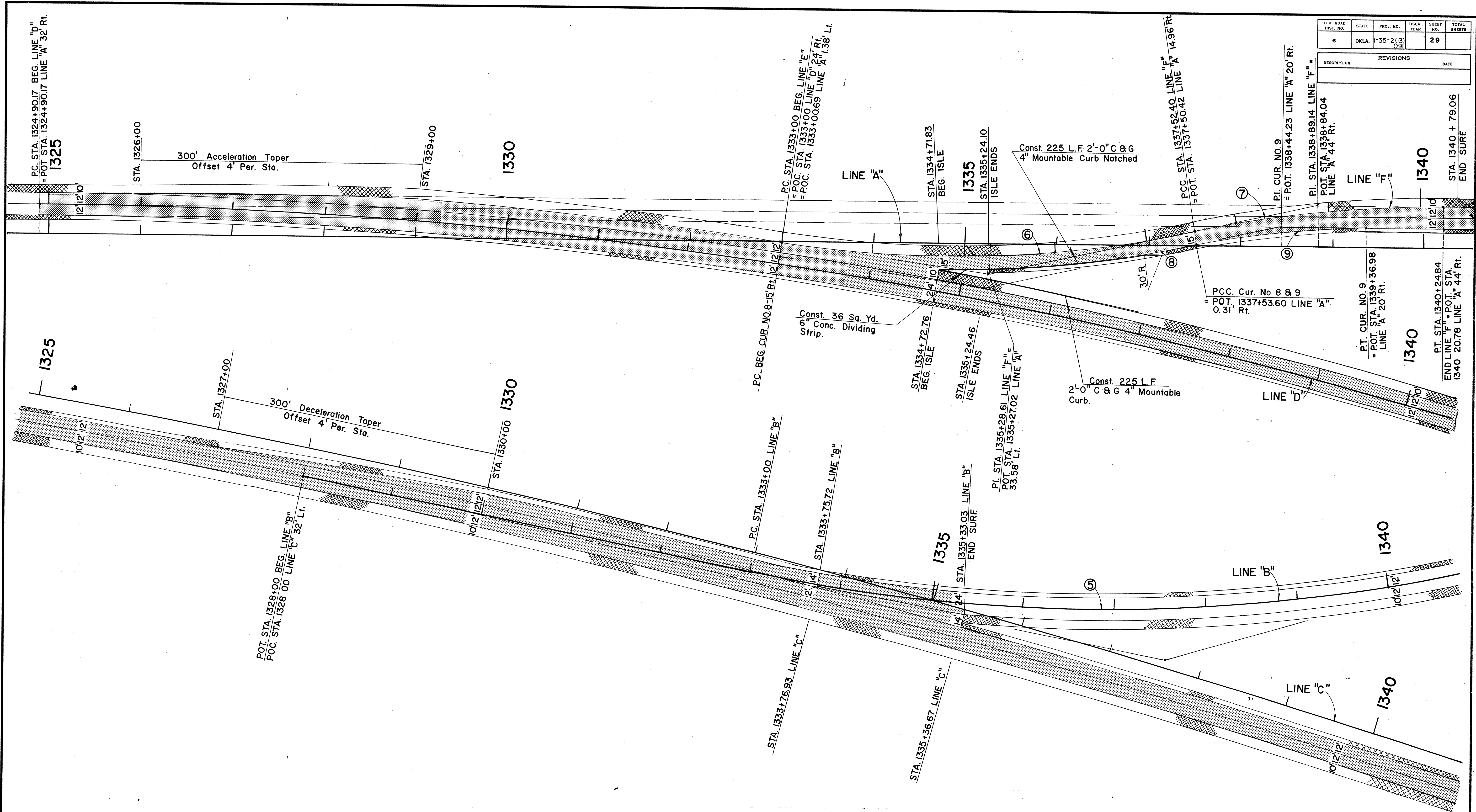


For Details of Interchange See Sheets No. 32, 33, & 34

Under the rules and regulations of the Bureau of Public Roads, any changes in this design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

RAMP B S.H. 74 SOUTH





FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13)091		29	
REVISIONS					
DESCRIPTION	DATE				

Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

5
P.I. Sta. 1337+62.12
P.C. Sta. 1333+00
P.T. Sta. 1342+06.81
Degree 3°00'00"
Δ = 27°12'15.02"
R = 1909.859
L = 906.81
T = 462.12
Ext. 55.11
Bk. S 26°52'45.98 E
Ahd. S 54°05'01.00 E

6
P.I. Sta. 1335+28.61
P.C. Sta. 1333+00.00
P.T. Sta. 1337+52.40
Degree 4°30'00"
Δ = 20°21'29.07"
R = 1273.24
L = 452.40
T = 228.61
Ext. 20.36
Bk. S 30°13'23.0" E
Ahd. S 50°34'52.17" E

7
P.I. Sta. 1338+89.14
P.C. Sta. 1337+52.40
P.T. Sta. 1340+24.84
Degree 4°30'00"
Δ = 12°15'35.17"
R = 1273.24
L = 272.44
T = 136.74
Ext. 7.32
Bk. S 50°34'52.17" E
Ahd. S 38°19'17.00" E

8
Degree 4°26'51.37"
Δ = 20°21'29.07"
R = 1288.24
L = 457.73
T = 231.30
Ext. 20.60
Bk. S 30°13'23.00" E
Ahd. S 50°34'52.17" E

9
Degree 6°38'04.56"
Δ = 12°15'35.17"
R = 863.59
L = 184.79
T = 92.75
Ext. 4.97
Bk. S 50°34'52.17" E
Ahd. S 38°19'17.00" E

Design	
Drawn	
Checked	
Approved	
Squad	

GEOMETRIC &
SPECIAL DETAILS

FED. ROAD DIST. NO.	STATE	F.A. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13)		30	222

(ASSUMED COORDINATE SYSTEM)
N = 10,000.000 000
E = 10,000.000 000

NOTE: FOR DETAILS OF RAMP TERMINALS,
SEE DETAIL SHEET NO. ~~32~~ 31

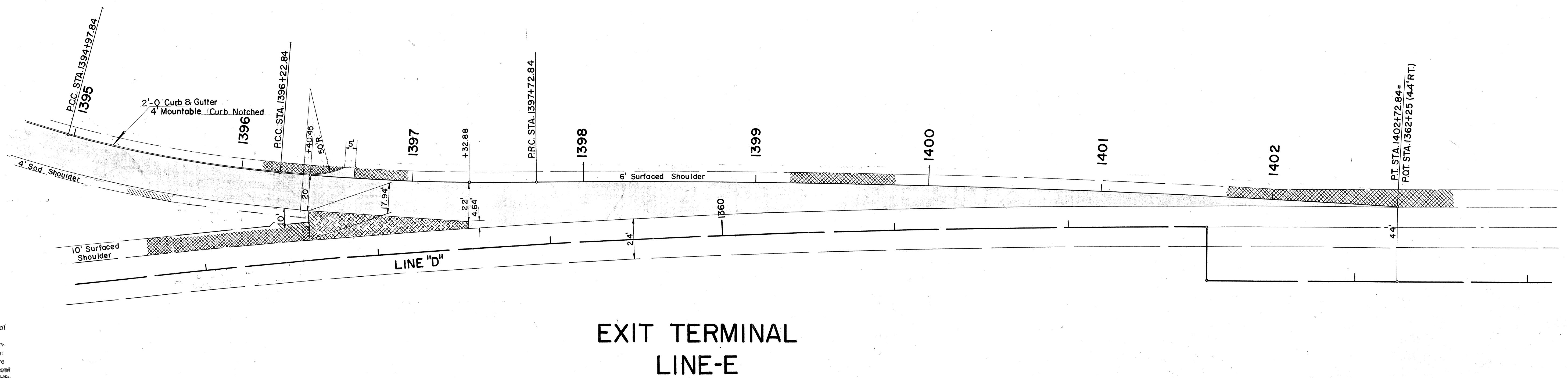
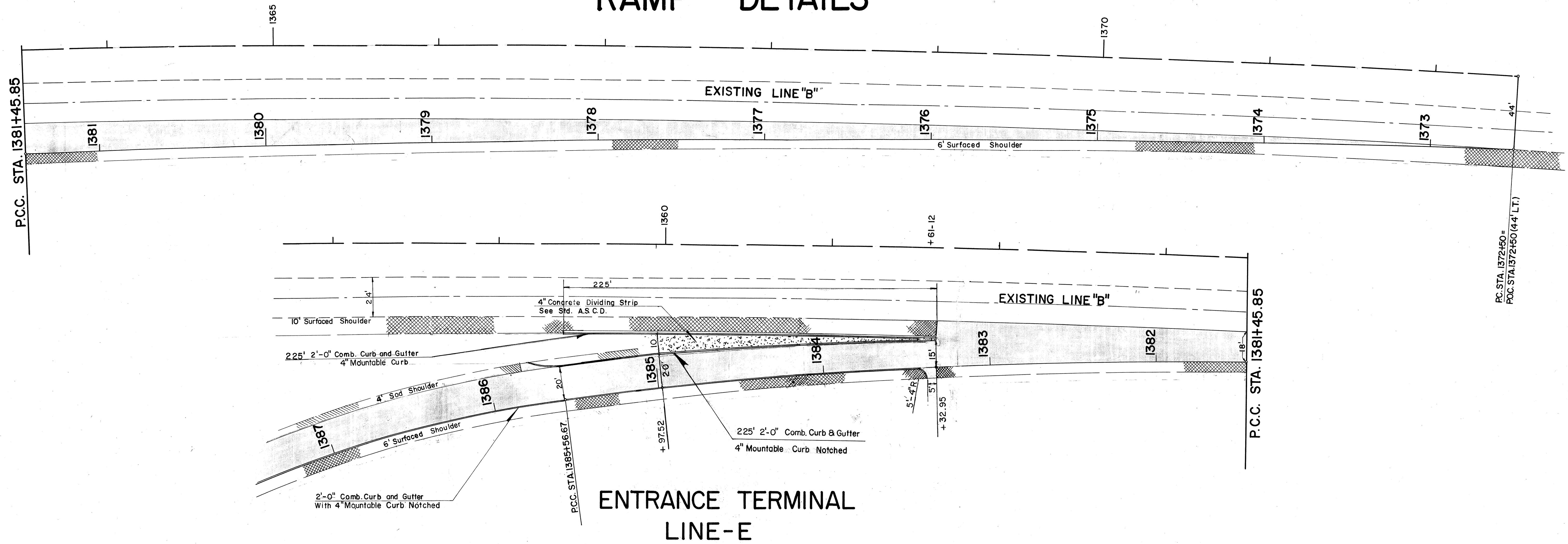
LINE "E" GEOMETRIC LAYOUT & SURVEY DATA STA.1372+50 TO STA.1402+72.84

CURVE DATA										COORDINATES								
CURVE NO.	P.I. STA.	Δ	D	T	L	R	E	Des.Speed	eff.perft.	NORTH	P.I.	EAST	NORTH	P.C.	EAST	NORTH	P.T.	EAST
E - 1	1376+98.15	4°28'45.24"	0°30'00"	448.15'	895.85'	11,459.16'	8.76'			10,361.183717		9,729.591095	9,977.956527	9,961.920014	10,725.096046	9,468.042591		
E - 2	1383+51.61	8°12'58.77"	2°00'00"	205.76'	410.82'	2,864.79'	7.38'	5.0	0.031	10,892.179937		9,347.957235	10,725.096046	9,468.042591	11,040.387291	9,205.226372		
E - 3	1387+40.84	28°50'32.43"	8°00'00"	184.17'	360.53'	716.20'	23.30'	4.0	0.056	11,173.043209		9,077.472289	11,040.387291	9,205.226372	11,227.614505	8,901.572689		
E - 4	1392+93.91	92°54'06.75"	16°00'00"	376.71'	580.64'	358.10'	16.66'	3.0	0.057	11,339.237214		8,541.779329	11,227.614505	8,901.572689	10,974.254247	8,448.514516		
E - 5	1395+60.50	10°00'00"	8°00'00"	62.66'	125.00'	716.20'	2.74'	3.5	0.050	10,913.545804		8,443.001568	10,974.254247	8,448.514516	10,851.065865	8,428.266207		
E - 6	1396+97.91	6°00'00"	4°00'00"	75.07'	150.00'	1,432.39'	1.97'	4.0	0.039	10,776.211933		8,422.593020	10,851.065865	8,428.266207	10,701.175049	8,424.775278		
E - 7	1400+23.00	5°00'00"	1°00'00"	250.16'	500.00'	5,729.58'	5.46'	5.0		10,451.122014		8,432.047438	10,701.175049	8,424.775278	10,201.386695	8,417.498367		

Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

FED. ROAD DIST. NO.	STATE	PRJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA	1-35-24(13)		31	36

RAMP DETAILS



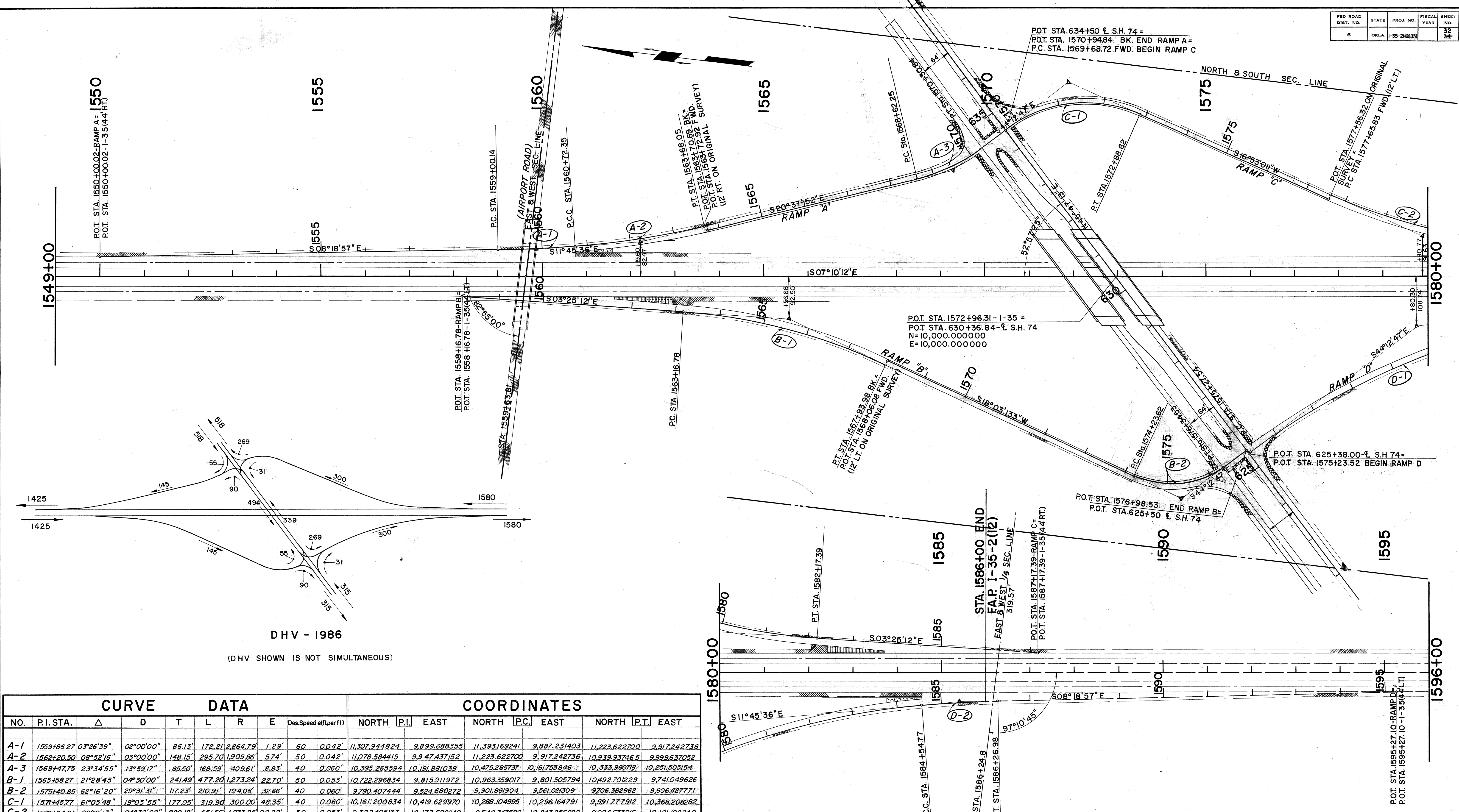
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings, shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

Scale 1"=30'

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	I-35-2(12)(13)		32	123

PLAN	NO.	DATE	BY	DATE	BY
SURVEYED					
PLOTTED					
CHECKED					
RT. OF WAY CHECKED					

PROFILE	NO.	DATE	BY	DATE	BY
SURVEYED					
PLOTTED					
CHECKED					
B. M. S. NOTED					
STRUCTURE NOTATIONS OK'D					



DHV - 1986

(DHV SHOWN IS NOT SIMULTANEOUS)

CURVE DATA										COORDINATES									
NO.	P.I. STA.	Δ	D	T	L	R	E	Des. Speed (ft. per ft.)		NORTH	P.I.	EAST	NORTH	P.C.	EAST	NORTH	P.T.	EAST	
A-1	1559+86.27	03°26'39"	02°00'00"	86.13'	172.21'	2,864.79'	1.29'	60	0.042'	11,307.944824	9,899.688355	11,393.169241	9,887.231403	11,223.622700	9,917.242736				
A-2	1562+20.50	08°52'16"	03°00'00"	148.15'	295.70'	1,909.86'	5.74'	50	0.042'	11,078.584415	9,947.437152	11,223.622700	9,917.242736	10,939.937465	9,999.637052				
A-3	1569+47.75	23°34'55"	13°59'17"	85.50'	168.59'	409.61'	8.83'	40	0.060'	10,395.263594	10,191.881039	10,475.285737	10,161.753846	10,333.980718	10,251.505154				
B-1	1565+58.27	21°28'45"	04°30'00"	241.49'	477.20'	1,273.24'	22.70'	50	0.053'	10,722.296834	9,815.911972	10,963.359017	9,801.505794	10,492.701229	9,741.049626				
B-2	1575+40.85	62°16'20"	29°31'31"	117.23'	210.91'	194.06'	32.66'	40	0.060'	9,790.407444	9,524.680272	9,901.861904	9,561.021309	9,706.382962	9,606.427771				
C-1	1571+45.77	61°05'48"	19°05'55"	177.05'	319.90'	300.00'	48.35'	40	0.060'	10,161.200834	10,419.629970	10,288.104995	10,296.164791	9,991.777912	10,368.208282				
C-2	1579+94.01	20°19'13"	04°30'00"	228.18'	451.56'	1,273.24'	20.28'	50	0.053'	9,322.405137	10,177.586949	9,540.747520	10,243.856222	9,094.633916	10,191.198842				
D-1	1580+03.96	32°27'11"	03°30'00"	476.42'	927.23'	1,637.02'	67.92'	50	0.046'	9,307.787324	9,977.481187	9,649.262868	9,645.259306	8,841.366483	10,074.581790				
D-2	1585+40.90	03°26'39"	02°00'00"	86.13'	172.21'	2,864.79'	1.29'	60	0.042'	8,757.044358	10,092.136171	8,841.366483	10,074.581790	8,671.819941	10,104.593123				

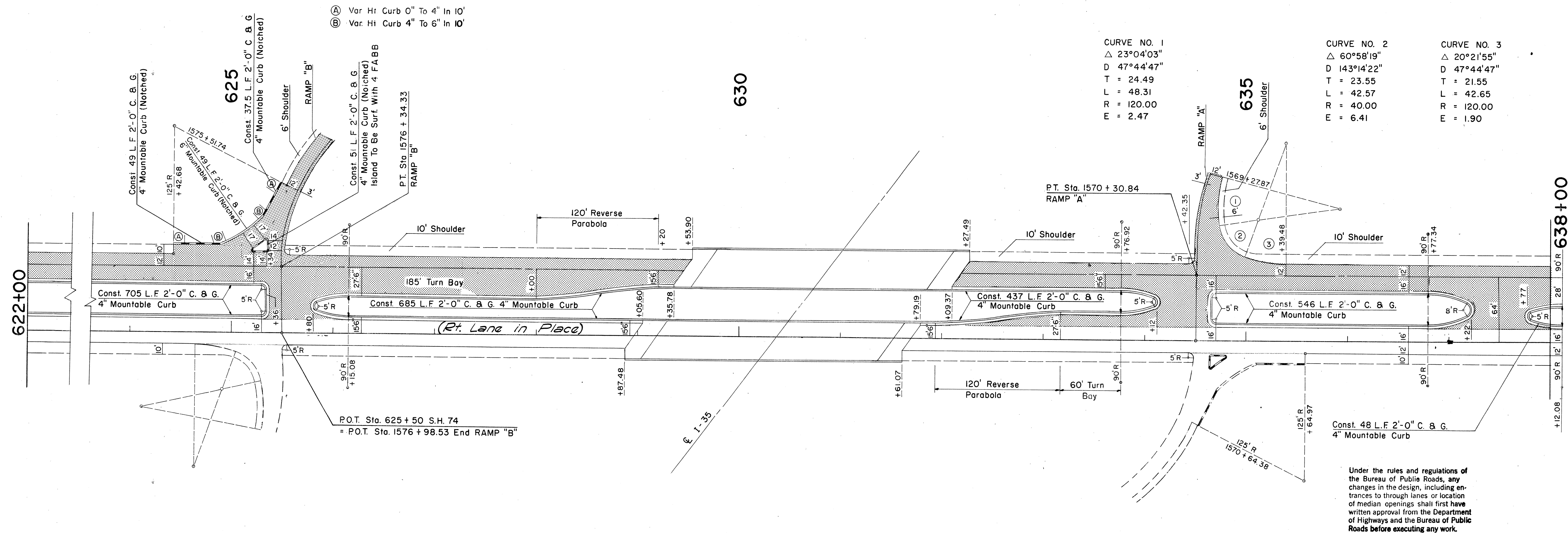
Under the rules and regulations of the Bureau of Public Roads, any changes in the design, including entrances to through lanes or location of median openings shall first have written approval from the Department of Highways and the Bureau of Public Roads before executing any work.

GEOMETRIC & LAYOUT SURVEY DATA

STA. 1549+00 TO STA. 1596+00

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2(13)		33	

REVISIONS		DATE
DESCRIPTION		



Design	
Drawn	W.L.M.
Checked	
Approved	
Squad	HANKINS

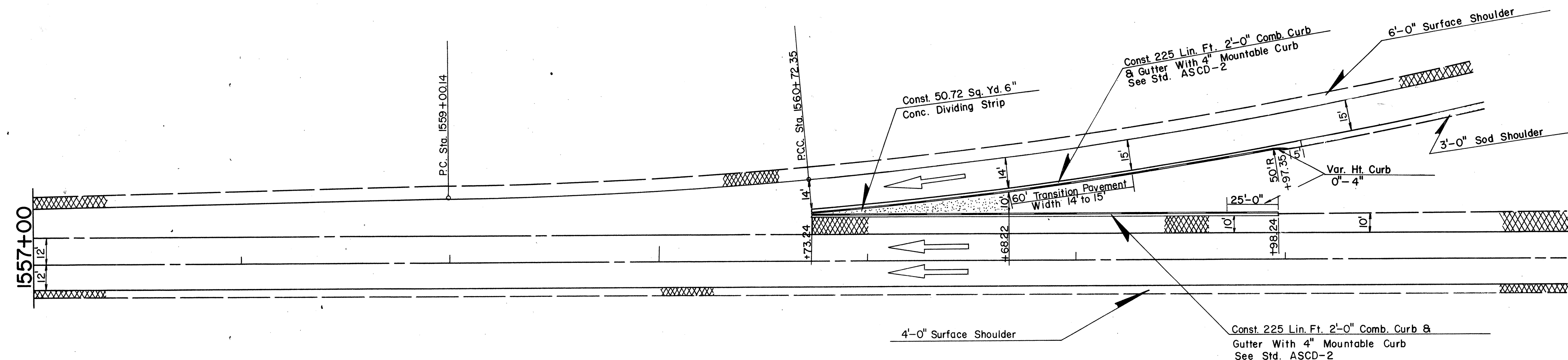
GEOMETRICS AND SPECIAL DETAILS S.H. 74

F.A. Project No. 1-35-2 (13) 091 Sheet No. 33

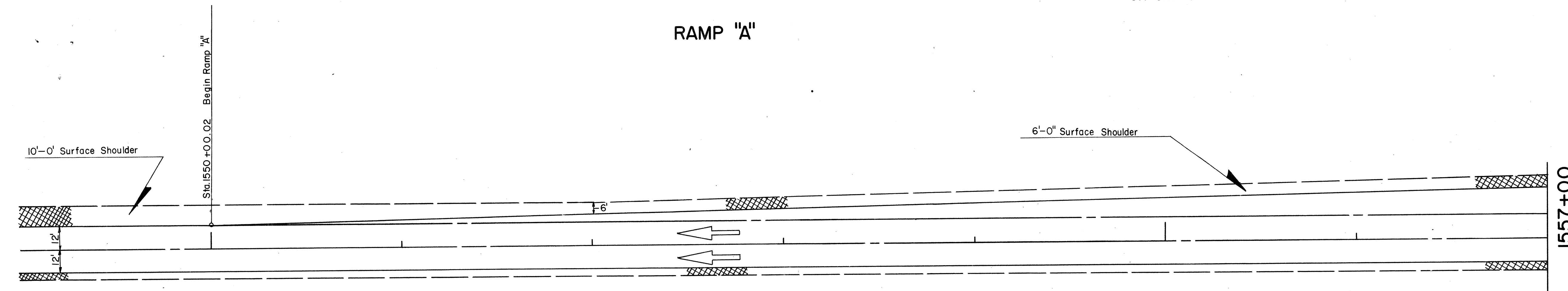
Scale 1" = 50'

FED. ROAD DIST. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	1-35-2 (13)091		34	

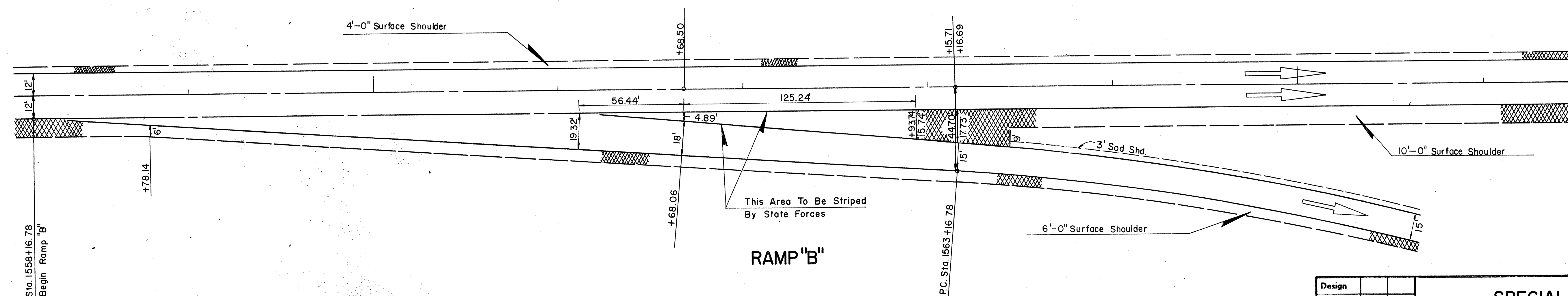
REVISIONS	DATE
Rem. Typ. Type	6-6-69



RAMP "A"



RAMP "A"



RAMP "B"

Design	
Drawn	
Checked	
Approved	
Squad	

SPECIAL DETAIL
RAMPS A & B

F.A. Project No. 1-35-2(13)091 Sheet No. 34

DATE
 BY
 SURVEY
 NOTE BOOK
 NO.

DATE
 BY
 SURVEY
 NOTE BOOK
 NO.

END AREAS SQ. FT.	
EXC.	EMB.

VOLUMES CU. YDS.	
EXC.	EMB.

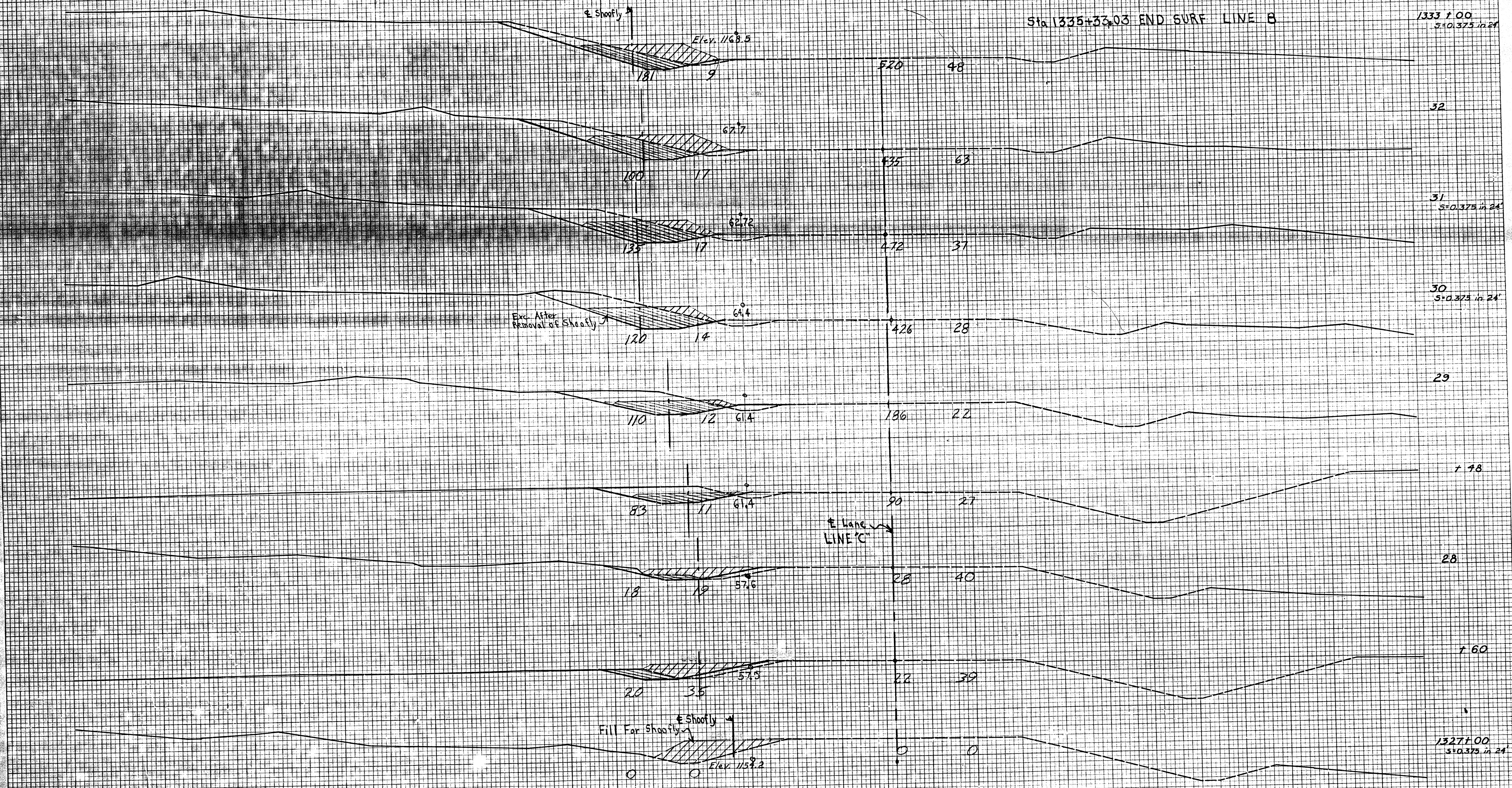


PLATE 3 CROSS SECTION O. P. R. & E. STANDARD
 100% RAS PAPER - MADE AND PRINTED IN U.S.A.
 CHARLES BRUNING COMPANY

MICROFILMED 4/11/80
 SCALE 2 Inches

Sta 1327+00 Beg Widening
 LINE 'C' 3' 8"

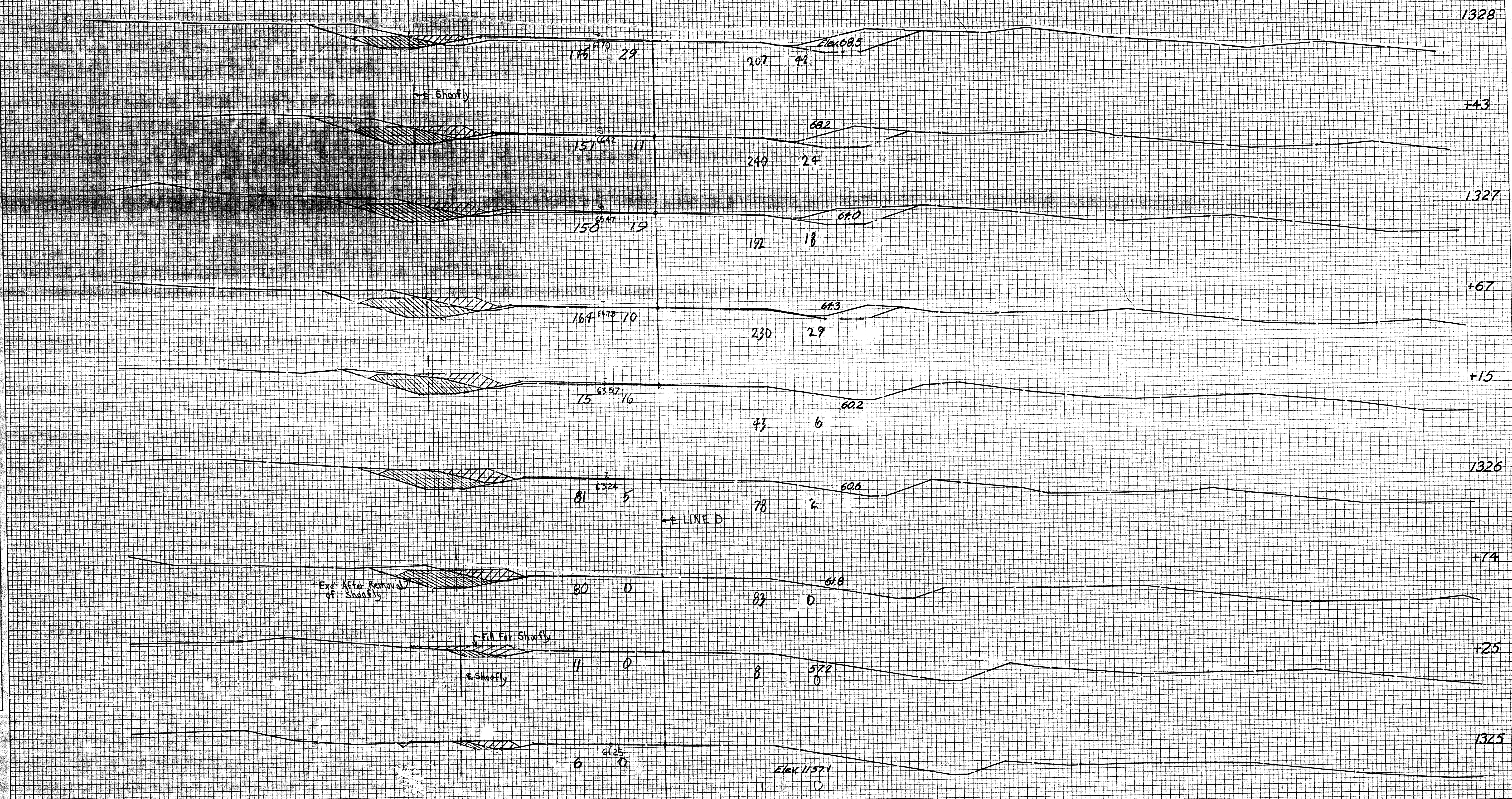
LINE "C"
 F. A. Project No. 1-35-2(13)091 Sheet No. 39

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

END AREAS SQ. FT.	
EXC.	EMB.

VOLUMES CU. YDS.	
EXC.	EMB.



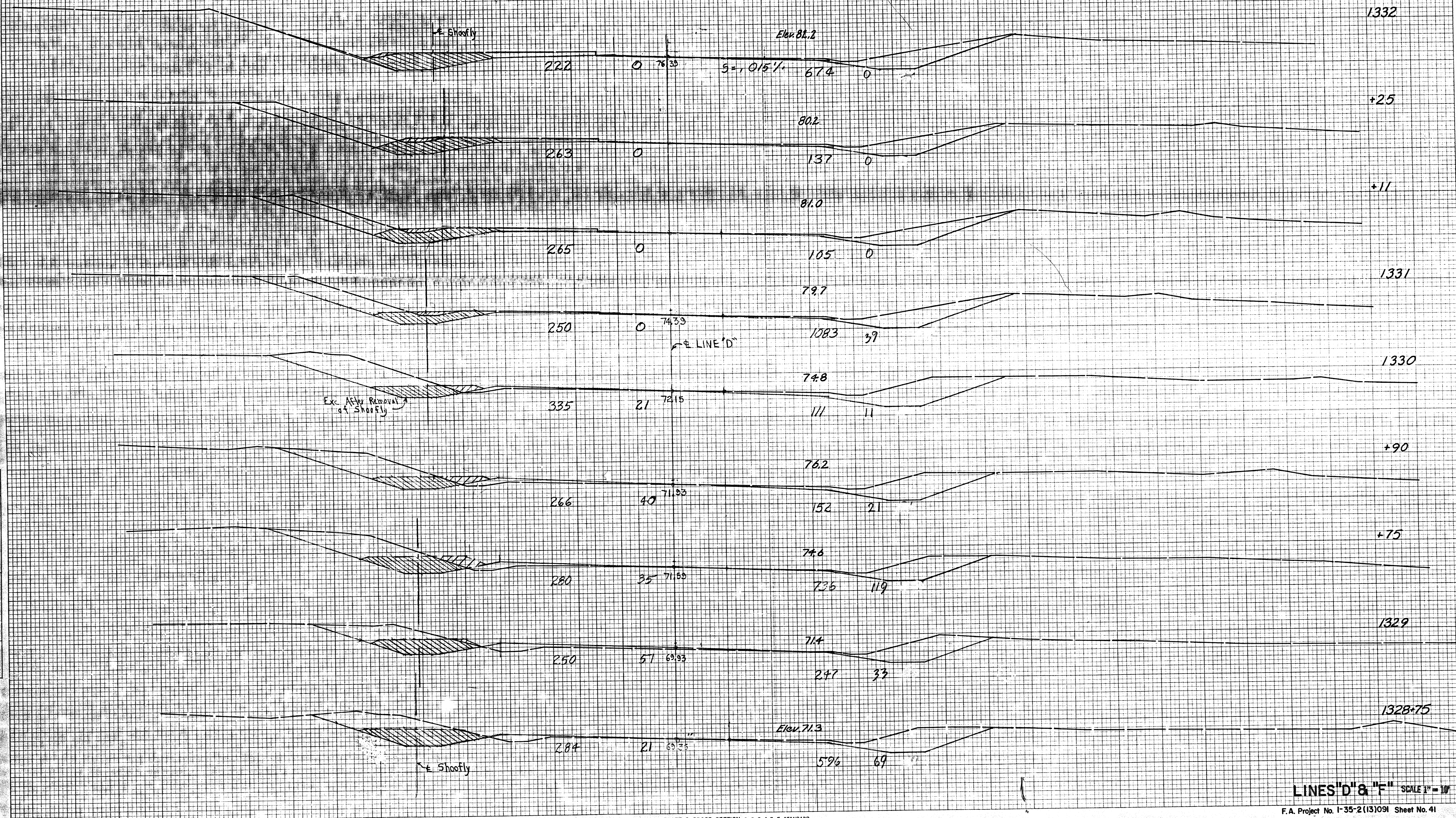
LINE "D" & "F" SCALE 1" = 10'

DATE	BY	SURVEYED	NOTED	AREAS CHECKED
FINAL				
SURVEY				
NOTE BOOK				
NO.				

DATE	BY	SURVEYED	NOTED	AREAS CHECKED
ORIGINAL				
SURVEY				
NOTE BOOK				
NO.				

END AREAS SQ. FT.	
EXC.	EMB.

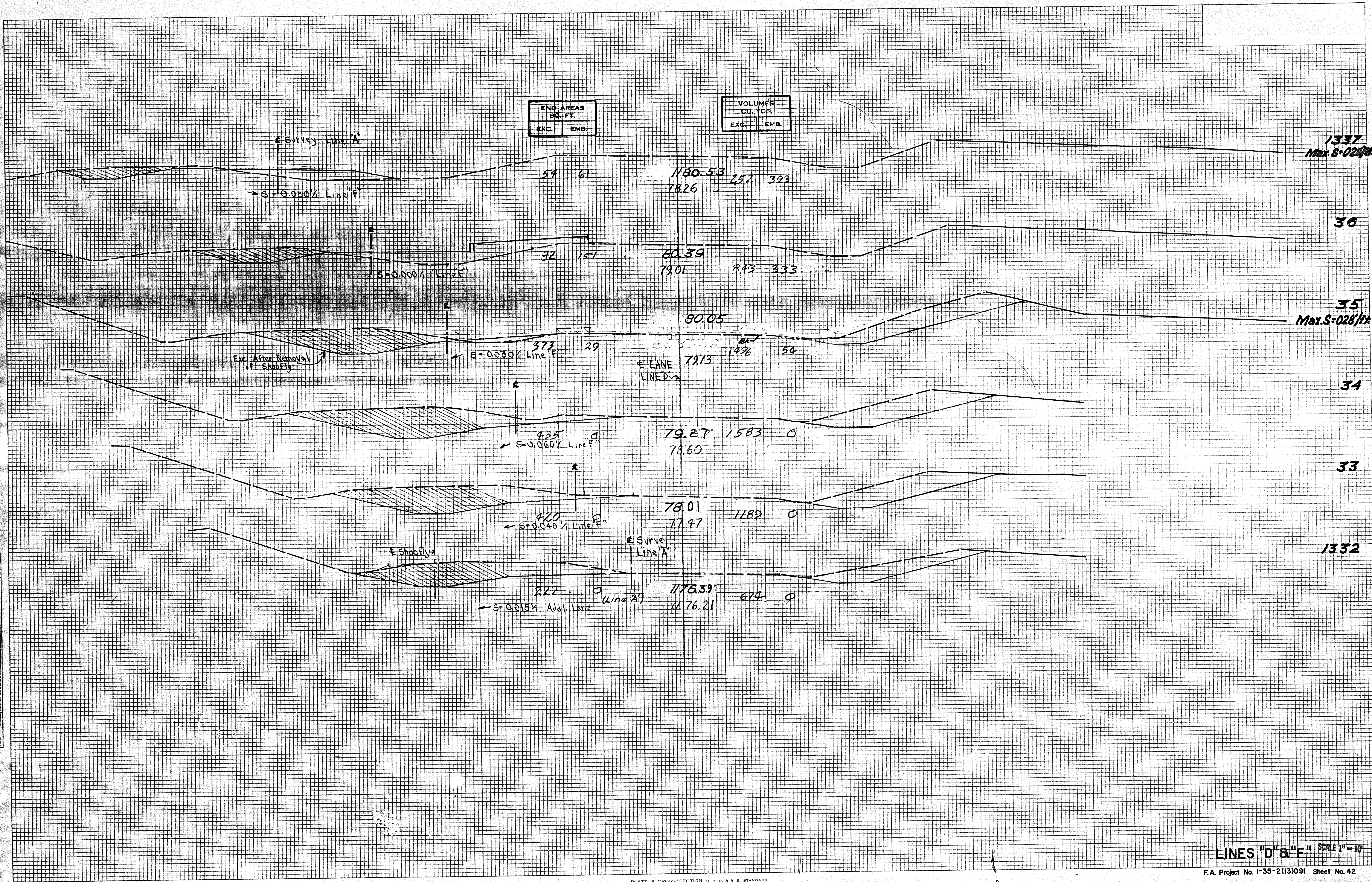
VOLUMES CU. YDS.	
EXC.	EMB.



LINES "D" & "F" SCALE 1" = 10'
F.A. Project No. I-35-2(13)091 Sheet No. 41

FINAL SURVEY PLOTTED
NOTE BOOK NO. 111111
AREAS CHECKED

ORIGINAL SURVEY PLOTTED
NOTE BOOK NO. 111111
AREAS CHECKED



DATE
BY
SURVEY
NOTE BOOK
NO.

DATE
BY
SURVEY
NOTE BOOK
NO.

END AREAS SQ. FT.	
EXC.	EMB.

VOLUMES CU. YDS.	
EXC.	EMB.

Sta 1340+79.06 LINE 'A'
END SURE.

