

OPTION NO.2 BOP TO BORDER AVE.-DIVIDED 4 LANE BORDER AVE. TO EOP-7 LANE WITH CONTINUOUS TURN LANE

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

U.S. HIGHWAY

FEDERAL AID PROJECT NO. J2-7108(004)
GRADE, DRAIN, SURFACE, AND BRIDGE PLANS
U.S. HIGHWAY NO. 69

MUSKOGEE COUNTY

STATE JOB NO. 27108(04)
CONTROL SECTION NO. 69-51-56

INDEX OF SHEETS

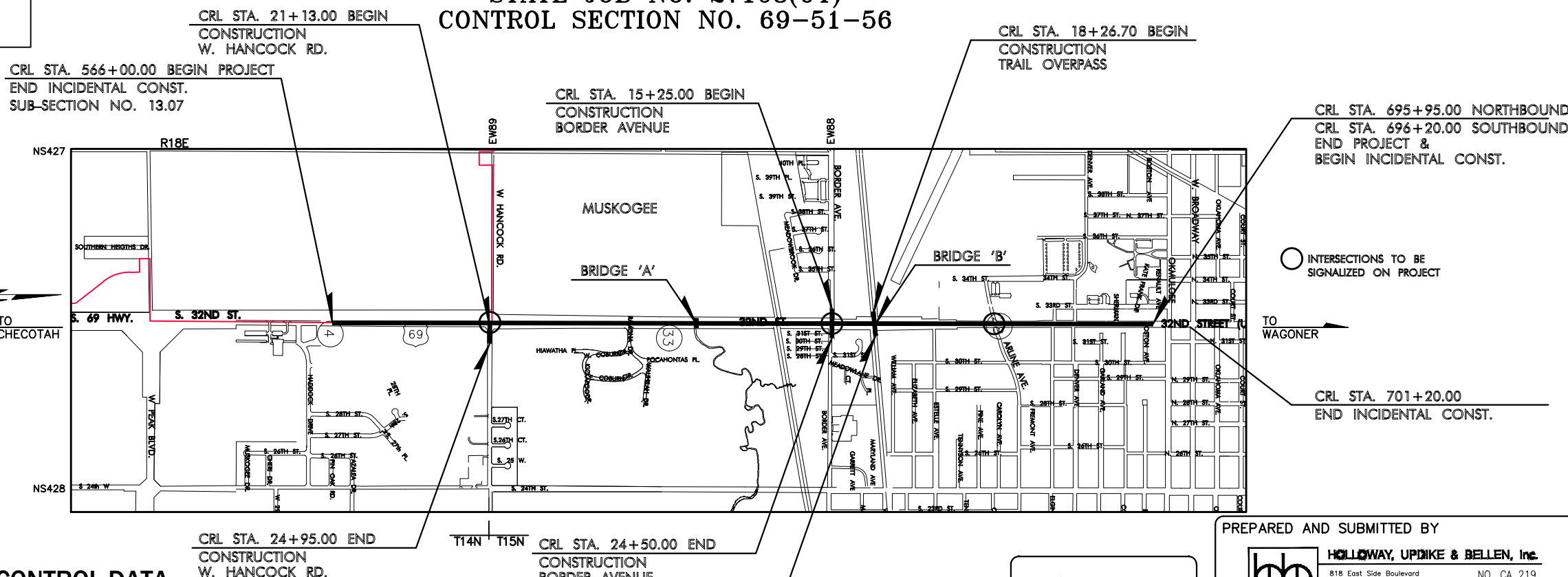
TITLE SHEET	1
TYPICAL SECTIONS	2
PLAN AND PROFILE SHEETS	4-21
GENERAL PLAN AND ELEVATION-BRIDGE 'A' & 'B'	B2,B3
CROSS SECTIONS (MAINLINE)	XML1-XML69
CROSS SECTIONS (HANCOCK AVE)	XH1-XH4
CROSS SECTIONS (BORDER AVE)	XB1-XB6

BRIDGE "B"
 BEGIN BRIDGE STA. 18+99.83
 BRIDGE LENGTH = 200.33'
 END BRIDGE STA. 21+00.17
 OLD NBI NO. 12806
 NEW NBI NO. _____
 LOCATION 5156 1470X

BRIDGE "A"
 BEGIN BRIDGE STA 624+76.54
 BRIDGE LENGTH = 42.33'
 END BRIDGE STA 625+18.87
 OLD NBI NO. 12788
 NEW NBI NO. _____
 LOCATION 5156 1418X

DESIGN DATA	US-69
ADT 2015	= 23,710
ADT 2040	= 33,870
K (DHV/ADT)	= 9%
D	= 54%
T(%DHV)	= 22%
T(%ADT)	= 25%
T3(%ADT)	= 20%
V	= 35 MPH & 55 MPH
FLEX ESALS (20 YR.)	= 82.1 M

FOR ADDITIONAL TRAFFIC INFORMATION
SEE DESIGN TRAFFIC SHEETS.



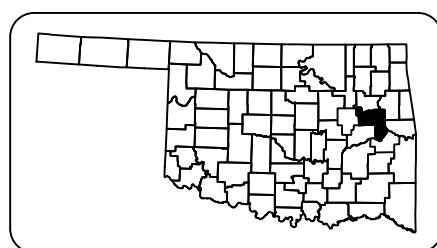
SCALES
 1" = 20' & 1" = 50'
 PROFILE HOR. 1" = 20' & 1" = 50'
 VER. 1" = 5'

CONVENTIONAL SYMBOLS

- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP SECTION LINES
- QUARTER SECTION LINES
- FENCES
- 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

SURVEY CONTROL DATA

SEE SURVEY DATA SHEETS



LOCATION MAP

PROJECT LENGTH BASED ON C.R.L. STATIONING STATE JOB NO. 27108(04)

NORTHBOUND ROADWAY LENGTH	12995.00 FT.	2.461 MILES
SOUTHBOUND ROADWAY LENGTH	13020.00 FT.	2.465 MILES
BRIDGE LENGTH	43.33 FT.	0.008 MILES
PROJECT LENGTH		2.463 MILES

W. HANCOCK RD. INCIDENTAL CONSTRUCTION		
ROADWAY LENGTH	382.00 FT.	0.072 MILES
BRIDGE LENGTH	0.00 FT.	0.000 MILES
PROJECT LENGTH		0.072 MILES

BORDER AVE. INCIDENTAL CONSTRUCTION		
ROADWAY LENGTH	925.00 FT.	0.175 MILES
BRIDGE LENGTH	0.00 FT.	0.000 MILES
PROJECT LENGTH		0.175 MILES

CENTENNIAL TRAIL INCIDENTAL CONSTRUCTION		
TRAIL LENGTH	249.67 FT.	0.047 MILES
BRIDGE LENGTH	200.33 FT.	0.038 MILES
PROJECT LENGTH		0.085 MILES

EQUATIONS : NONE
EXCEPTIONS : NONE

EQUATIONS : NONE
EXCEPTIONS : NONE

EQUATIONS : NONE
EXCEPTIONS : NONE

THE ENTIRE PROJECT IS
LOCATED WITHIN THE
CORPORATE LIMITS OF
THE CITY OF MUSKOGEE



PREPARED AND SUBMITTED BY

HOLLOWAY, UPDIKE & BELLEN, Inc.
 818 East Side Boulevard
 Post Office Box 1543
 Muskogee, Oklahoma 74402
 (918) 682-7811

NO. CA 219
 EXPIRES 06/21

DATE _____
 WESLEY M. STEWART
 P.E. NO. 24031

WHITE ENGINEERING ASSOCIATES, INC.

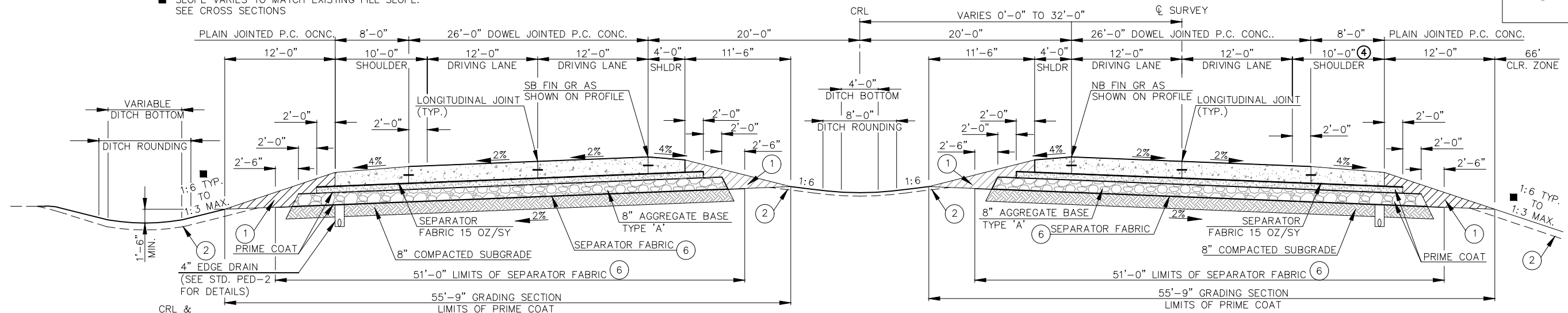
DATE _____
 C. EDWARD GRINSTEINER
 P.E. NO. 19993

REGISTERED PROFESSIONAL ENGINEER
 WESLEY M. STEWART
 24031
 OKLAHOMA

LICENSED PROFESSIONAL ENGINEER
 C. EDWARD GRINSTEINER
 19993
 OKLAHOMA

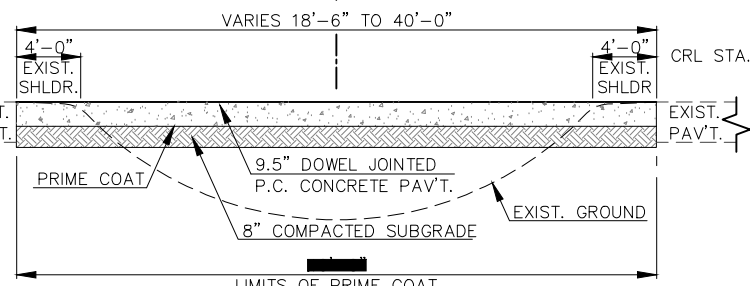
OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____	DATE APPROVED _____
BY _____	BY _____
CHIEF ENGINEER	DIVISION ADMINISTRATOR
SWO 4933(1)	PROJECT NO. J2-7108(004)
	SHEET NO. 1

■ SLOPE VARIES TO MATCH EXISTING FILL SLOPE.
SEE CROSS SECTIONS



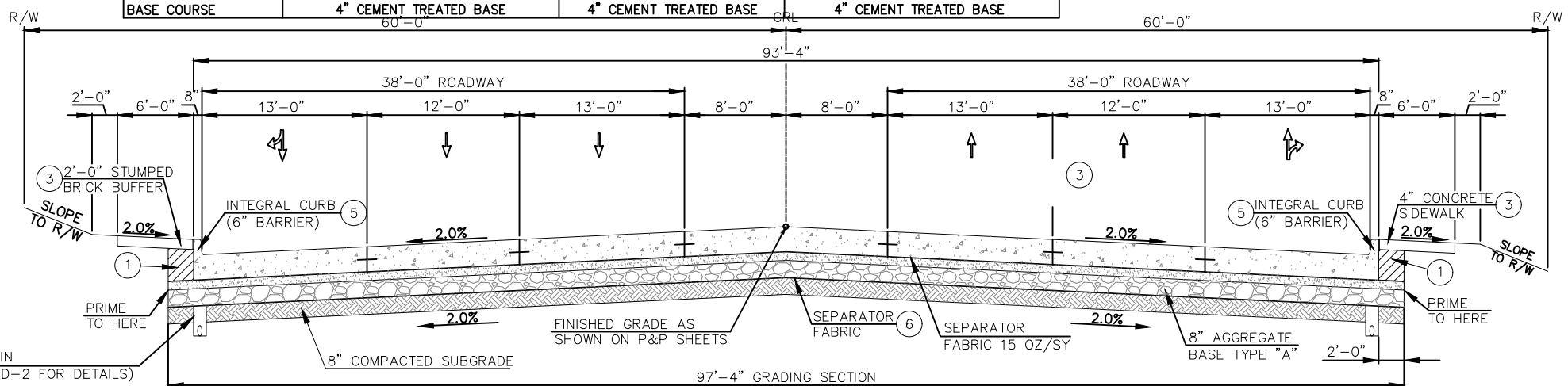
TYPICAL SECTION NO. 1
U.S. 69 SOUTHBOUND

TYPICAL SECTION NO. 2
U.S. 69 NORTHBOUND



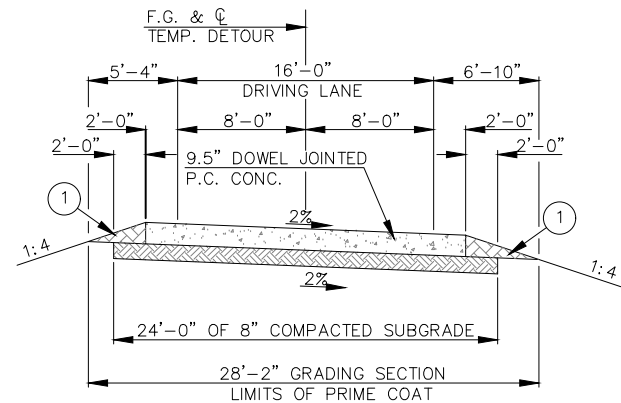
TYPICAL SECTION NO. 4
MEDIAN CROSSOVER 'A'

PAVEMENT REQUIREMENTS			
MAINLINE	4' INSIDE SHOULDER	12' DRIVING LANES	10' OUTSIDE SHOULDER
16.5" PAVT. STRUCTURE	4' INSIDE SHOULDER	12' DRIVING LANES	10' OUTSIDE SHOULDER
SURFACE COURSE	12.5" TO 9.5" PLAIN JOINTED P.C. CONC.	12.5" DOWEL JOINTED P.C. CONC.	12.5" TO 10.5" PLAIN JOINTED P.C. CONC.
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE

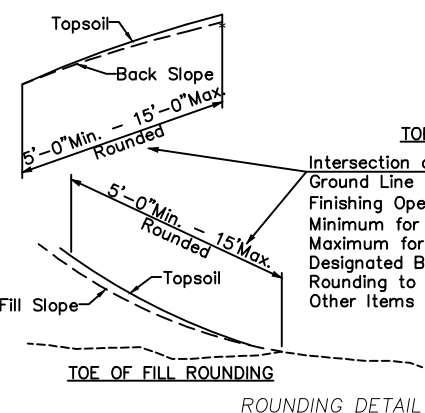


TYPICAL SECTION 3
U.S. HWY. 69
STA. 646+06.85 TO STA. 696+07.50

PAVEMENT REQUIREMENTS			
MAINLINE	13' INSIDE DRIVING LANE	12' DRIVING LANES	13' OUTSIDE DRIVING LANE
16.5" PAVT. STRUCTURE	13' INSIDE DRIVING LANE	12' DRIVING LANES	13' OUTSIDE DRIVING LANE
SURFACE COURSE	12.5" DOWEL JOINTED P.C. CONC.	12.5" DOWEL JOINTED P.C. CONC.	12.5" DOWEL JOINTED P.C. CONC.
BASE COURSE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE	4" CEMENT TREATED BASE



TYPICAL SECTION NO. 5
DETOUR

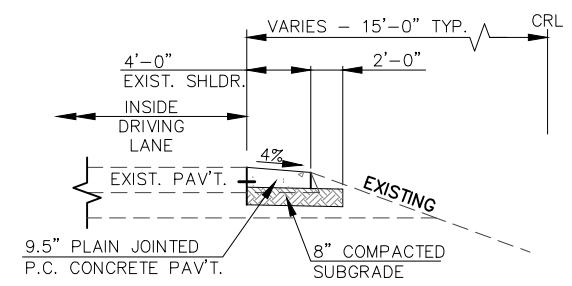


TOP OF CUT ROUNDING
Intersection of Cut and/or Fill Slopes with Ground Line to be Rounded as Part of the Finishing Operations. Rounding Shall Be 5' Minimum for Smaller Cuts and Fills to 15' Maximum for Larger Cuts and Fills or as Designated By The Engineer. Cost of Rounding to be Included in Price Bid for Other Items of Work.

- TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. COST TO BE INCLUDED IN PRICE BID FOR UNCLASSIFIED BORROW.
- THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL WITHIN THE LIMITS OF CONSTRUCTION, APPROXIMATELY 5" DEEP, STOCKPILE THE MATERIAL AND REPLACE THE TOPSOIL ON THE FINISHED SLOPES OF THE GRADING SECTION. ALL ADDITIONAL COSTS NOT COVERED IN OTHER ITEMS SHALL BE INCLUDED IN THE LUMP SUM TOPSOIL ITEM AS FOLLOWS:

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 MASSLINE BALANCE.
- THE FOLLOWING LOCATIONS SHALL RECEIVE A COLONIAL RED BRICK RUNNING BOND PATTERN SURFACE FINISH:
1. SIDEWALKS AND ROADSIDE DIVIDING STRIPS. 2' WIDE PATTERN ADJACENT TO CURB
2. DIVIDING STRIPS AND MEDIANS IN ROADWAY. DECORATIVE PATTERN THE ENTIRE SURFACE.

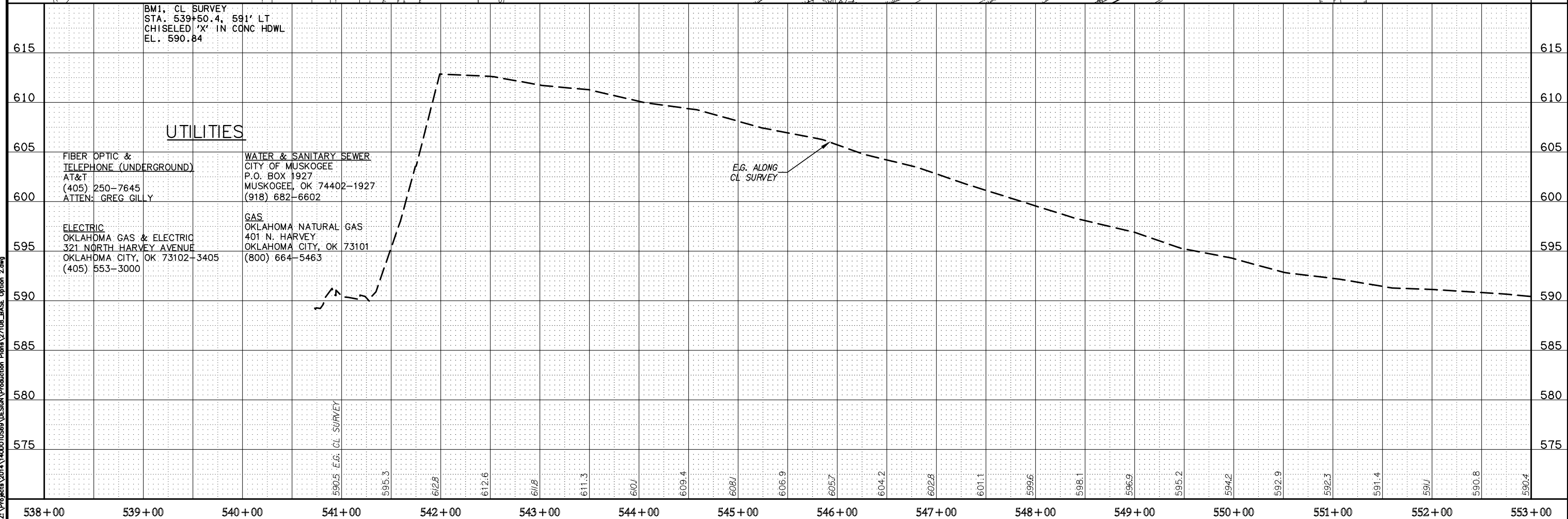
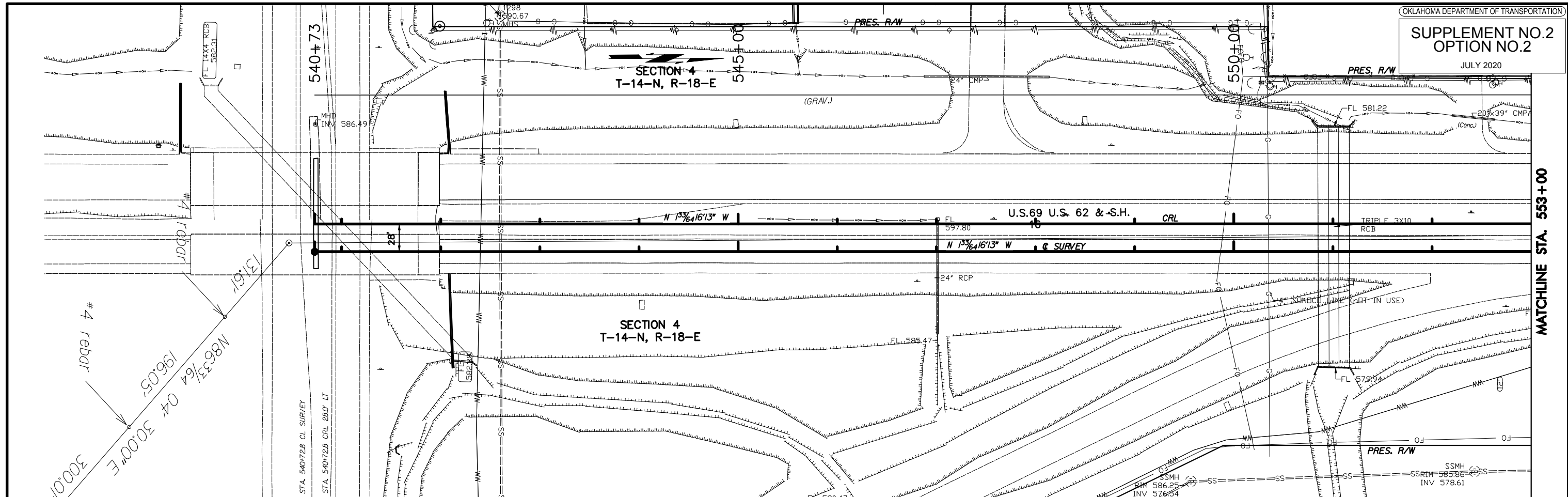
SEE MISCELLANEOUS DETAILS SHEET NO. ■ FOR DECORATIVE PATTERN.
- VARIES AT HANCOCK STREET FOR RIGHT TURN LANE.
- 1/2" EXPANSION JOINT FILLER SHALL BE PLACED BETWEEN BACK OF CURB AND SIDEWALKS/DIVIDING STRIPS AND SEALED WITH SILICONE JOINT SEALER. COST OF SILICONE JOINT SEALANT AND EXPANSION JOINT FILLER TO BE INCLUDED IN COST OF SIDEWALK.
- SEPARATOR FABRIC ON SUBGRADE TO BE RS580i OR APPROVED EQUAL.
- BASED ON THE FINDINGS OF THE PAVEMENT AND SUBGRADE GEOTECHNICAL REPORT PROVIDED BY TERRACON, THERE ARE SOFT SOLIDS WITHIN THE PROJECT AREA (SOILS WITH SPT N-VALUES OF 5 BLOWS OR LESS). THESE SOILS MAY REQUIRE EITHER PROOF ROLLING, UNDERCUT, OR GEOGRID REINFORCEMENT IN ORDER TO MITIGATE THESE ISSUES PRIOR TO PAVEMENT CONSTRUCTION. SPECIAL CARE SHOULD BE CONSIDERED IN THESE AREAS. FOR MORE SPECIFIC INFORMATION ON THE LOCATIONS OF THE SOFT SOILS DISCOVERED DURING THE INVESTIGATION, PLEASE REFER TO THE PAVEMENT AND SUBGRADE REPORT PROVIDED BY TERRACON.



TYPICAL SECTION NO. 6
DETOUR SHOULDER

U.S. HIGHWAY 69
TYPICAL SECTION

HUB ENGINEERING, INC. 1000 N. W. 10th St., Oklahoma City, Oklahoma 73102
 (405) 948-1000 FAX (405) 948-1001
 www.hub-engineering.com



17/17/2020 10:30 AM PLOT STYLE: MWDCHPLOT/CTB
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SECTION 4
T-14-N, R-18-E

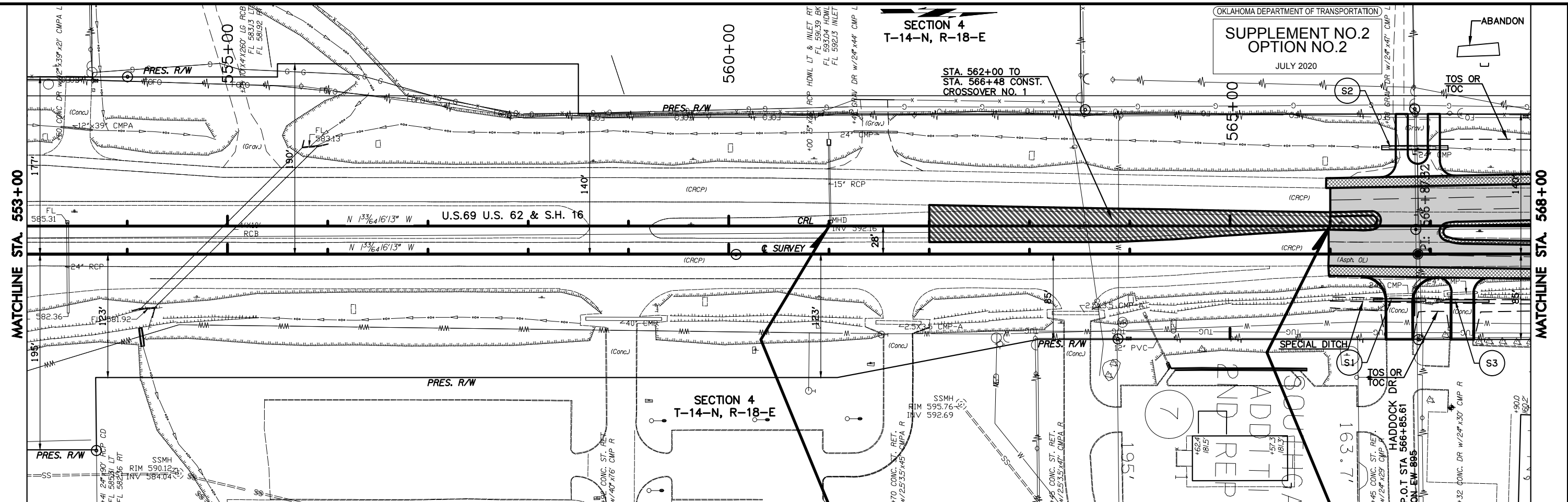
SUPPLEMENT NO.2
OPTION NO.2

JULY 2020

STA. 562+00 TO
STA. 566+48 CONST.
CROSSOVER NO. 1

MATCHLINE STA. 553+00

MATCHLINE STA. 568+00



STATION	EL. 590.4	EL. 590.2	EL. 590.4	EL. 590.8	EL. 591.5	EL. 591.9	EL. 592.4	EL. 592.9	EL. 593.6	EL. 594.1	EL. 594.6	EL. 595.0	EL. 595.6	EL. 595.7	EL. 596.0	EL. 596.4	EL. 596.2	EL. 596.4	EL. 596.2	EL. 596.4	EL. 596.4	EL. 596.3	EL. 596.5	EL. 596.7	EL. 597.0	EL. 597.2	EL. 597.0	EL. 597.4	EL. 597.0	EL. 597.5																																							
553+00	554+00	555+00	556+00	557+00	558+00	559+00	560+00	561+00	562+00	563+00	564+00	565+00	566+00	567+00	568+00																																																						
<p>DRIVEWAY SHEET SUMMARY</p> <table border="1"> <thead> <tr> <th>STATION</th> <th>SURFACE TYPE</th> <th>DRIVE TYPE</th> <th>WIDTH "FT"</th> <th>LENGTH "FT"</th> <th>RADIUS BK.</th> <th>RADIUS AHD.</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>566+68 RT.</td> <td>CONC.</td> <td>ST. RET.</td> <td>26</td> <td>63</td> <td>25</td> <td>25</td> <td>-</td> </tr> <tr> <td>566+71 LT.</td> <td>CONC.</td> <td>1 PVT.</td> <td>12</td> <td>63</td> <td>15</td> <td>10</td> <td>-</td> </tr> <tr> <td>567+03 LT.</td> <td>CONC.</td> <td>1 PVT.</td> <td>12</td> <td>63</td> <td>10</td> <td>15</td> <td>-</td> </tr> <tr> <td>567+33 RT.</td> <td>CONC.</td> <td>COMM.</td> <td>22</td> <td>62</td> <td>15</td> <td>15</td> <td>-</td> </tr> </tbody> </table>																STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS	566+68 RT.	CONC.	ST. RET.	26	63	25	25	-	566+71 LT.	CONC.	1 PVT.	12	63	15	10	-	567+03 LT.	CONC.	1 PVT.	12	63	10	15	-	567+33 RT.	CONC.	COMM.	22	62	15	15	-	<p>EXIST. GAS LINE</p> <p>EXIST. WATER LINE</p> <p>STA. 566+68 STR. NO. S1 CONST. 28'x20'x LG C6SPA SD RT, W/PCEs</p> <p>STA. 566+88 STR. NO. S2 CONST. 49'x33'x LG C6SPA SD RT, W/PCEs</p> <p>STA. 567+33 STR. NO. S3 CONST. 28'x20'x LG C6SPA SD RT, W/PCEs</p> <p>CRL STA. 566+00</p> <p>BEGIN INCIDENTAL CONST.</p> <p>END INCIDENTAL CONST.</p> <p>BEGIN PROJECT</p> <p>EG N.B.</p> <p>EG S.B.</p> <p>DITCH RT.</p> <p>DITCH LT.</p> <p>SP. DITCH RT.</p> <p>SP. DITCH LT.</p> <p>EX. FL 583.13 LT 581.92 RT</p> <p>EX. ALONG CL SURVEY</p> <p>INV. 592.16 FL PIPE 590.04</p> <p>STA. 566+85 END INCIDENTAL CONST.</p> <p>STA. 567+03 FINISHED GRADE</p> <p>PVI 568+00.00 ELEV 597.67</p> <p>L=200.00' K=594.06 V=70mph</p>											<p>BM2, CL SURVEY STA. 553+72.4, 260.3' RT GSHD MON M-51-4 EL. 588.08</p>	<p>BM3, CL SURVEY STA. 560+42.5, 261.8' RT CHISELED 'X' ON TOP CONCRETE AT FLAG POLE EL. 595.34</p>	<p>BM4, CL SURVEY STA. 567+20.7, 153' RT CHISELED BOX SW COR SIDEWALK AT ANTIQUE MALL EL. 595.08</p>
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS																																																														
566+68 RT.	CONC.	ST. RET.	26	63	25	25	-																																																														
566+71 LT.	CONC.	1 PVT.	12	63	15	10	-																																																														
567+03 LT.	CONC.	1 PVT.	12	63	10	15	-																																																														
567+33 RT.	CONC.	COMM.	22	62	15	15	-																																																														

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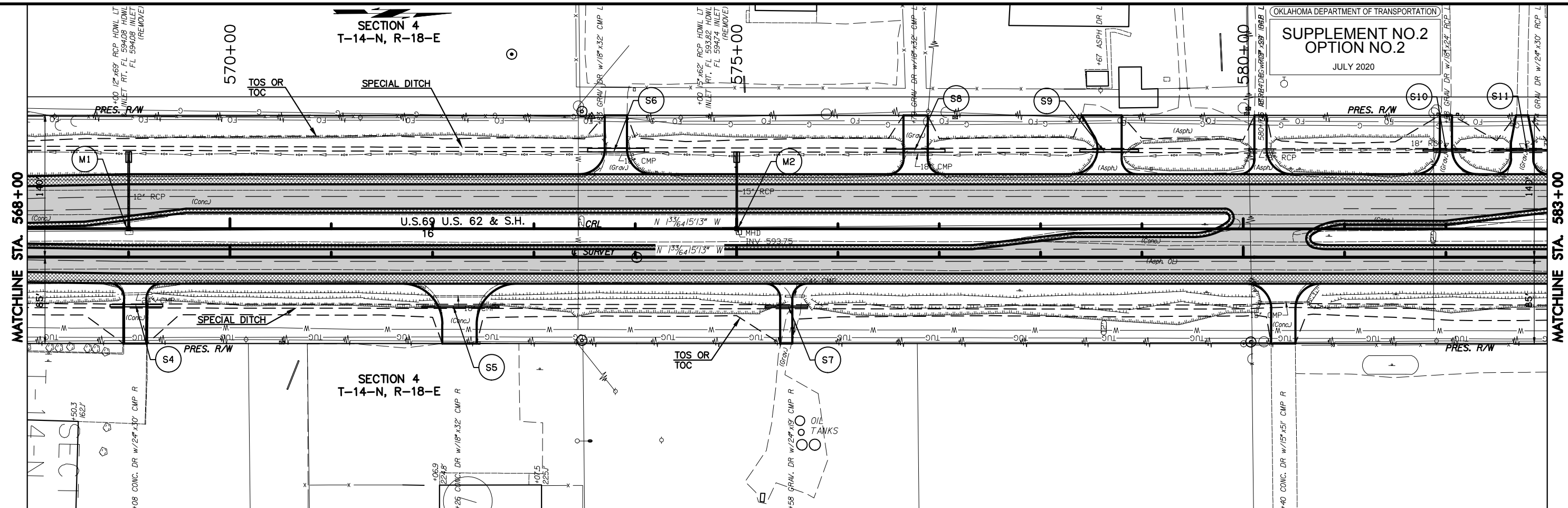


SECTION 4
T-14-N, R-18-E

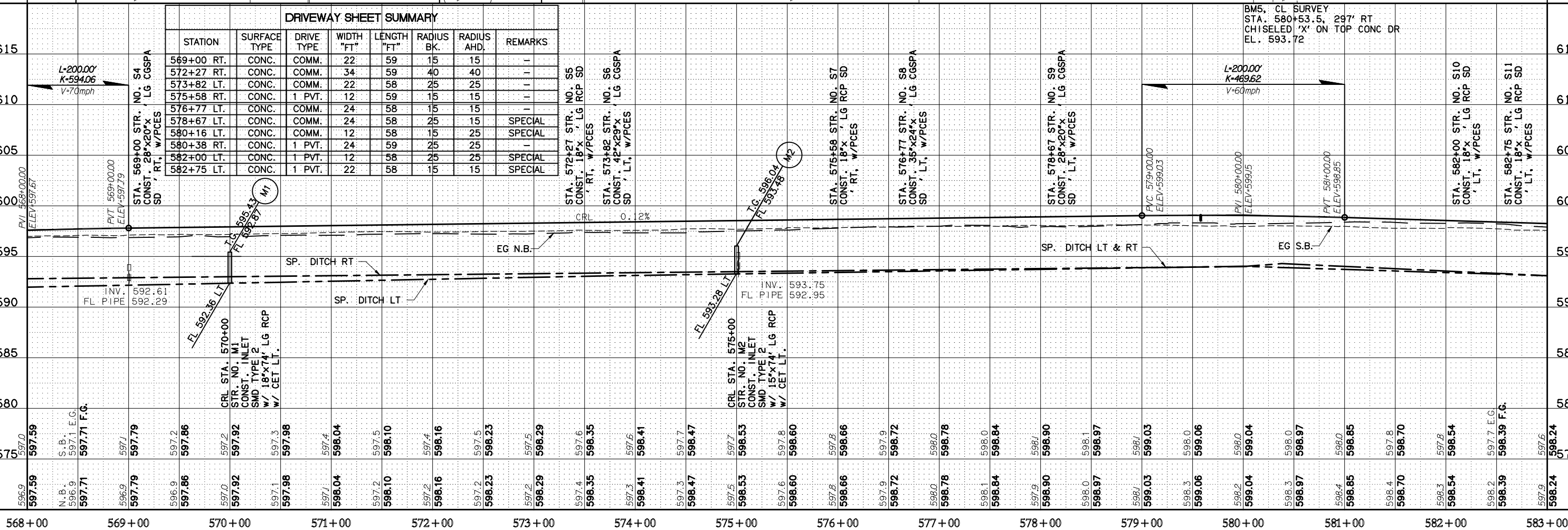
SECTION 4
T-14-N, R-18-E

MATCHLINE STA. 568+00

MATCHLINE STA. 583+00

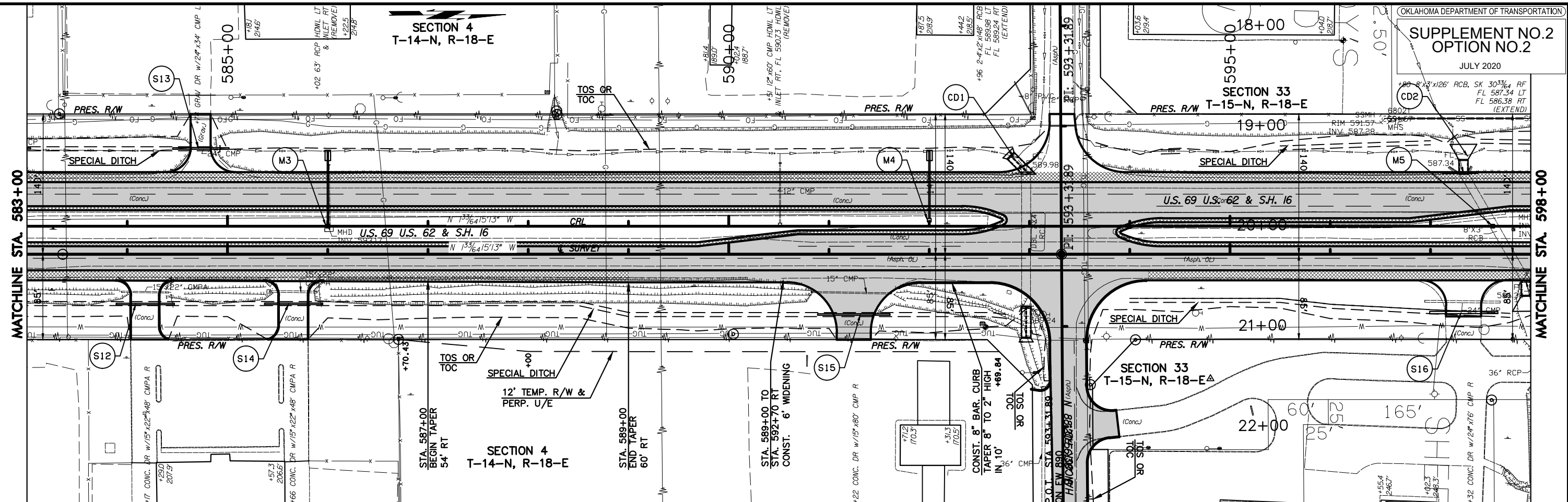


DRIVEWAY SHEET SUMMARY								
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS	
569+00	RT.	CONC.	22	59	15	15		
572+27	RT.	CONC.	34	59	40	40		
573+82	LT.	CONC.	22	58	25	25		
575+58	RT.	CONC.	12	59	15	15		
576+77	LT.	CONC.	24	58	15	15		
578+67	LT.	CONC.	24	58	25	15	SPECIAL	
580+16	LT.	CONC.	12	58	15	25	SPECIAL	
580+38	RT.	CONC.	1	24	59	25		
582+00	LT.	CONC.	1	12	58	25	SPECIAL	
582+75	LT.	CONC.	1	22	58	15	SPECIAL	



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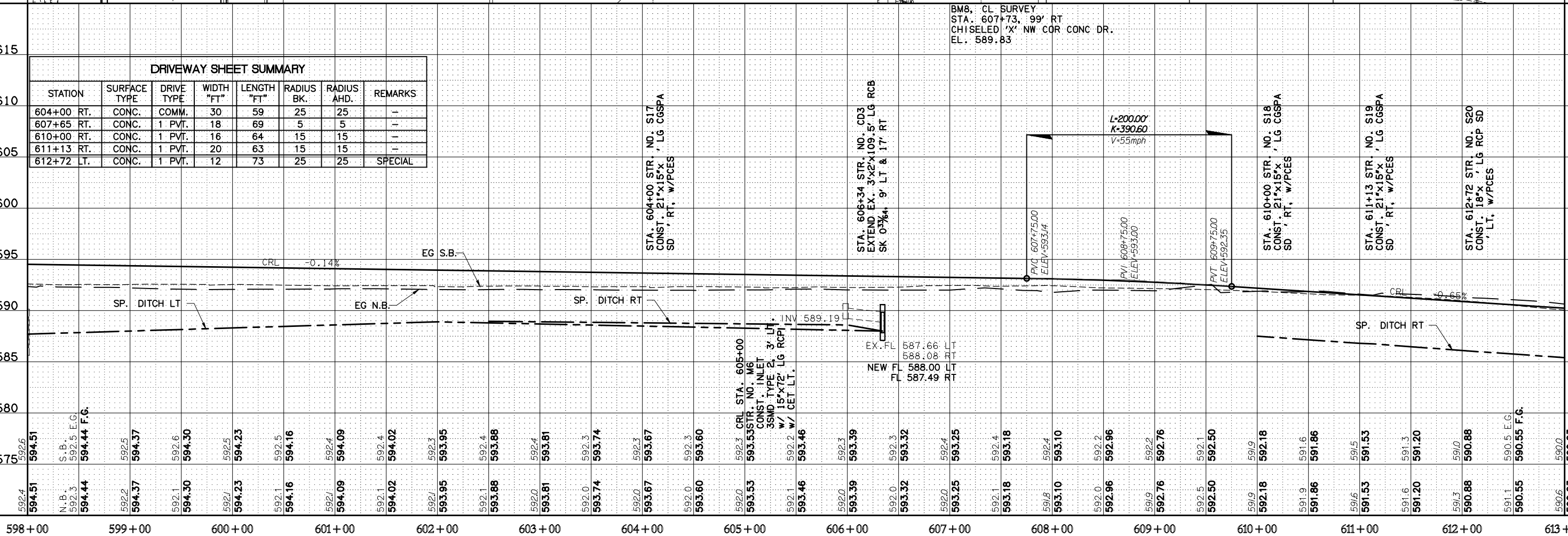
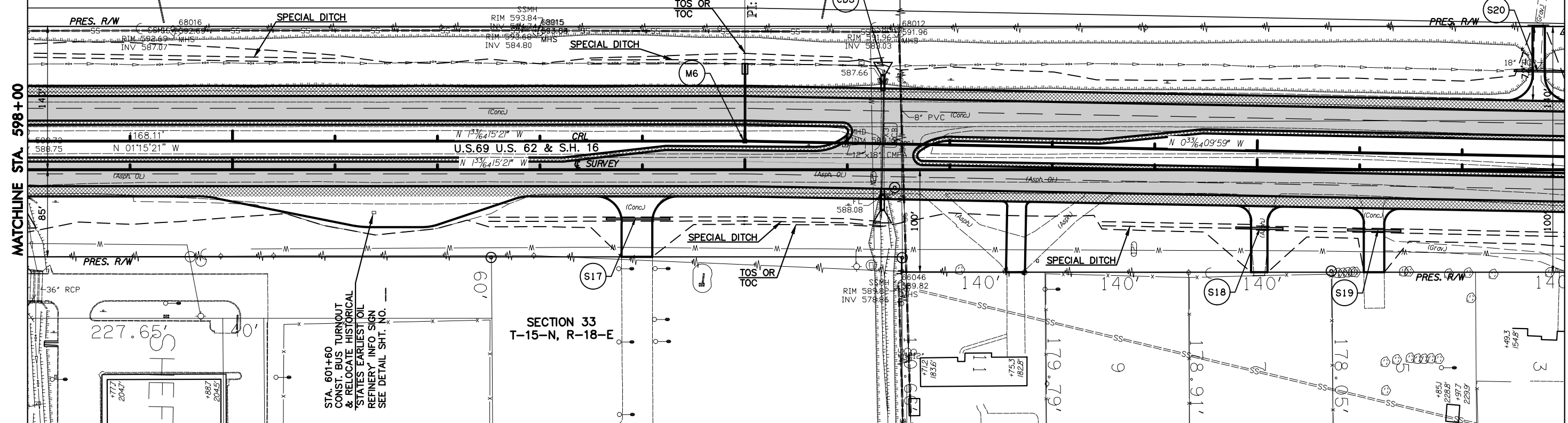
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH (FT)	LENGTH (FT)	RADIUS BK.	RADIUS AHD.	REMARKS
584+15	RT. CONC.	COMM.	28	59	15	15	SPECIAL
584+75	LT. CONC.	COMM.	20	58	25	25	-
585+65	RT. CONC.	COMM.	28	59	15	15	SPECIAL
591+20	RT. CONC.	COMM.	34	57	50	50	SPECIAL
593+31.89	LT. CONC.	ST. RET.	28	58	50	50	-
593+31.89	RT. CONC.	ST. RET.	36	-	60	60	SPECIAL
597+33	RT. CONC.	COMM.	35	36	25	25	-

STATION	NO.	TYPE	CONST.
584+15	S12	STR.	18' x LG RCP SD
584+75	M3	STR.	15' x LG RCP SD
585+65	S13	STR.	18' x LG RCP SD
591+20	M4	STR.	18' x LG RCP SD
593+31.89	S15	STR.	18' x LG RCP SD
593+31.89	M5	STR.	18' x LG RCP SD
597+33	S16	STR.	18' x LG RCP SD

SECTION 33
T-15-N, R-18-E

MATCHLINE STA. 598+00

MATCHLINE STA. 613+00



DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
604+00 RT.	CONC.	COMM.	30	59	25	25	-
607+65 RT.	CONC.	1 PVT.	18	69	5	5	-
610+00 RT.	CONC.	1 PVT.	16	64	15	15	-
611+13 RT.	CONC.	1 PVT.	20	63	15	15	-
612+72 LT.	CONC.	1 PVT.	12	73	25	25	SPECIAL

STA. 604+00 STR. NO. S17
 CONST. 21'x15'x' LG CGSPA
 SD ' RT, W/PCEs

STA. 606+34 STR. NO. CD3
 EXTEND EX. 3'x2'x109.5' LG RCB
 SK 0.7%⁶⁴, 9' LT & 17' RT

STA. 610+00 STR. NO. S18
 CONST. 21'x15'x' LG CGSPA
 SD ' RT, W/PCEs

STA. 611+13 STR. NO. S19
 CONST. 21'x15'x' LG CGSPA
 SD ' RT, W/PCEs

STA. 612+72 STR. NO. S20
 CONST. 18'x' LG RCP SD
 ' LT, W/PCEs

BM8, CL SURVEY
 STA. 607+73, 99' RT
 CHISELED 'X' NW COR CONC DR.
 EL. 589.83

L=200.00'
 K=390.60
 V=55mph

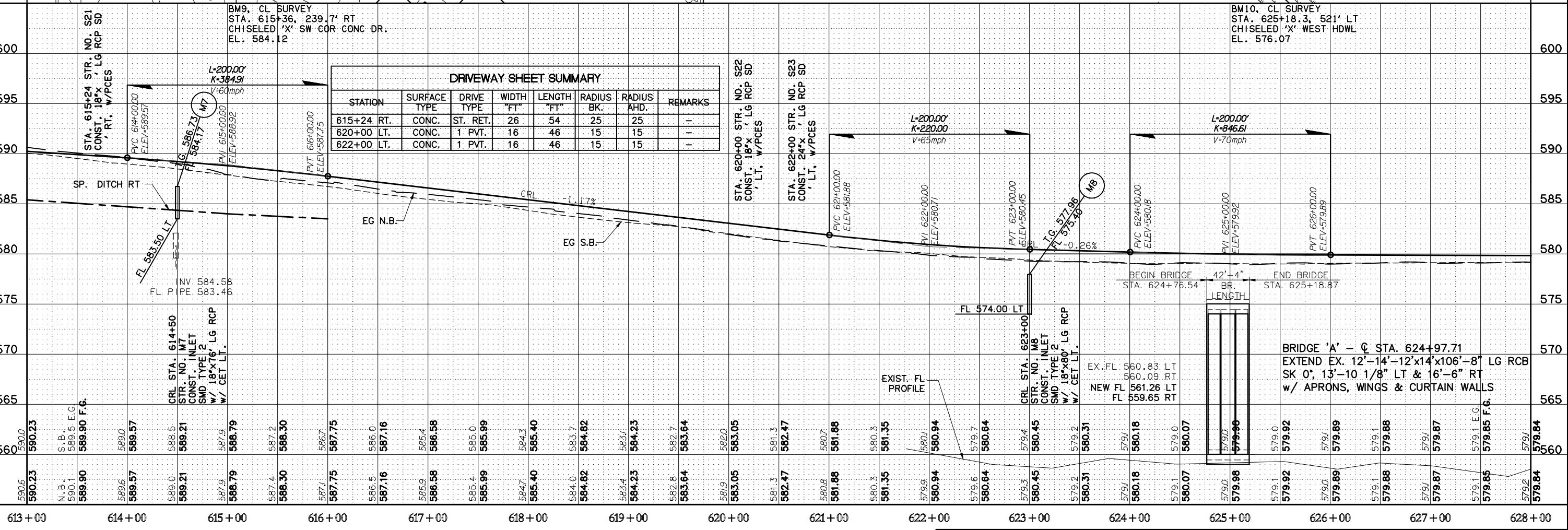
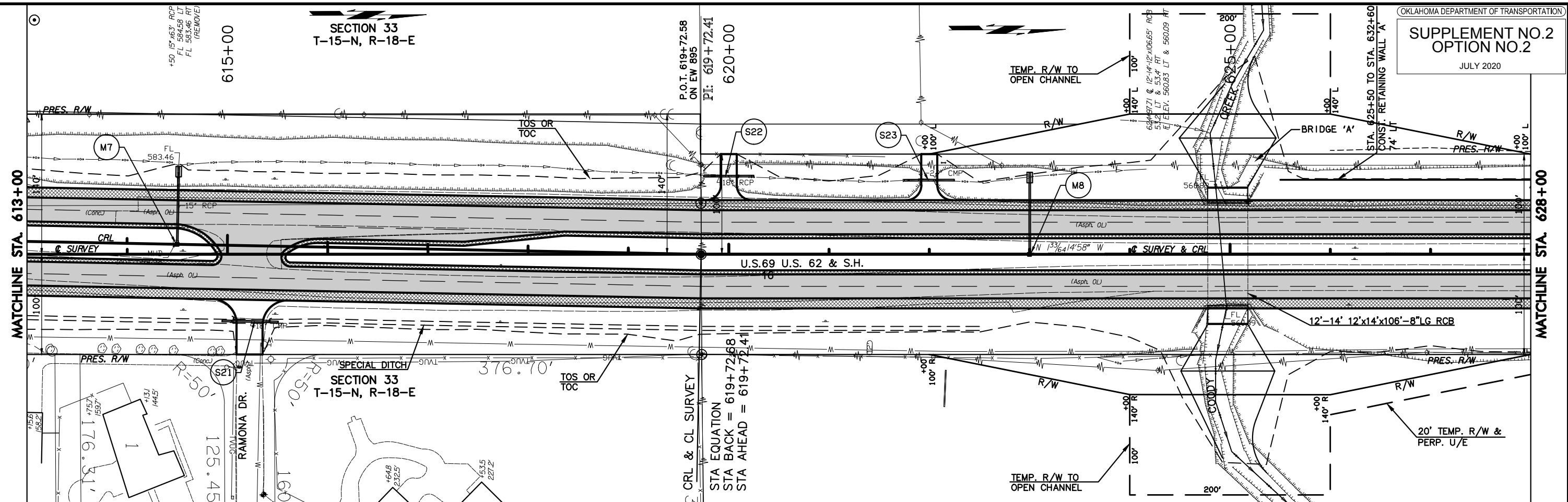
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SECTION 33
T-15-N, R-18-E

MATCHLINE STA. 613+00

MATCHLINE STA. 628+00



DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
615+24 RT.	CONC.	ST. RET.	26	54	25	25	-
620+00 LT.	CONC.	1 PVT.	16	46	15	15	-
622+00 LT.	CONC.	1 PVT.	16	46	15	15	-

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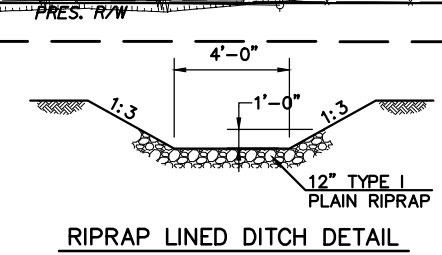
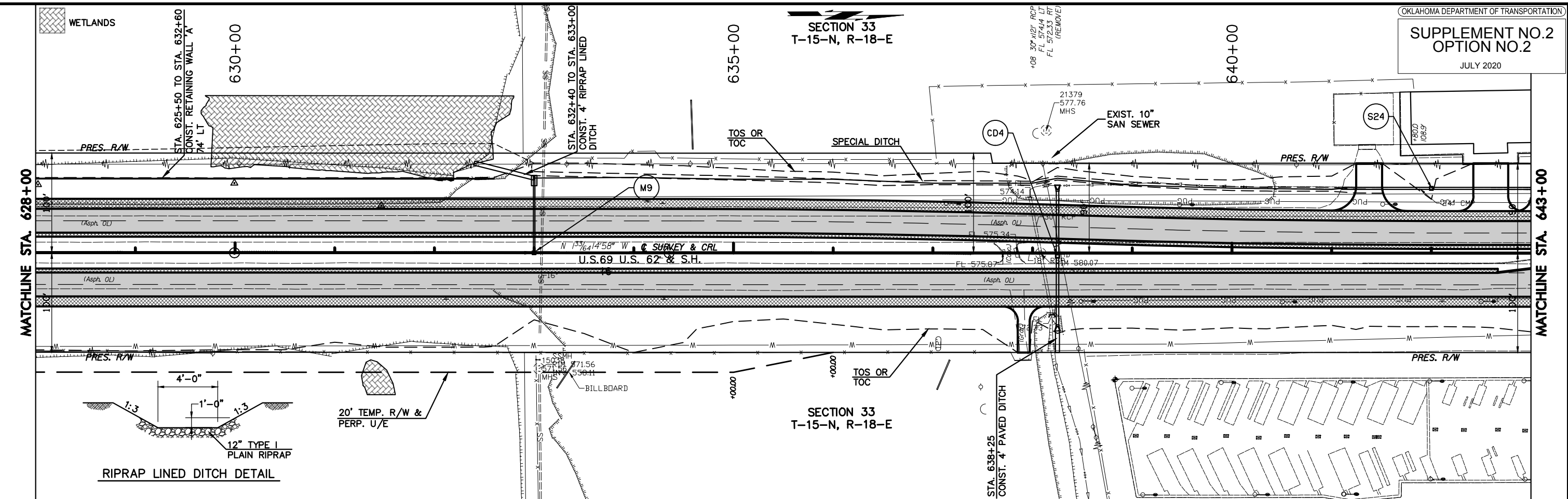
U.S. HWY. 69



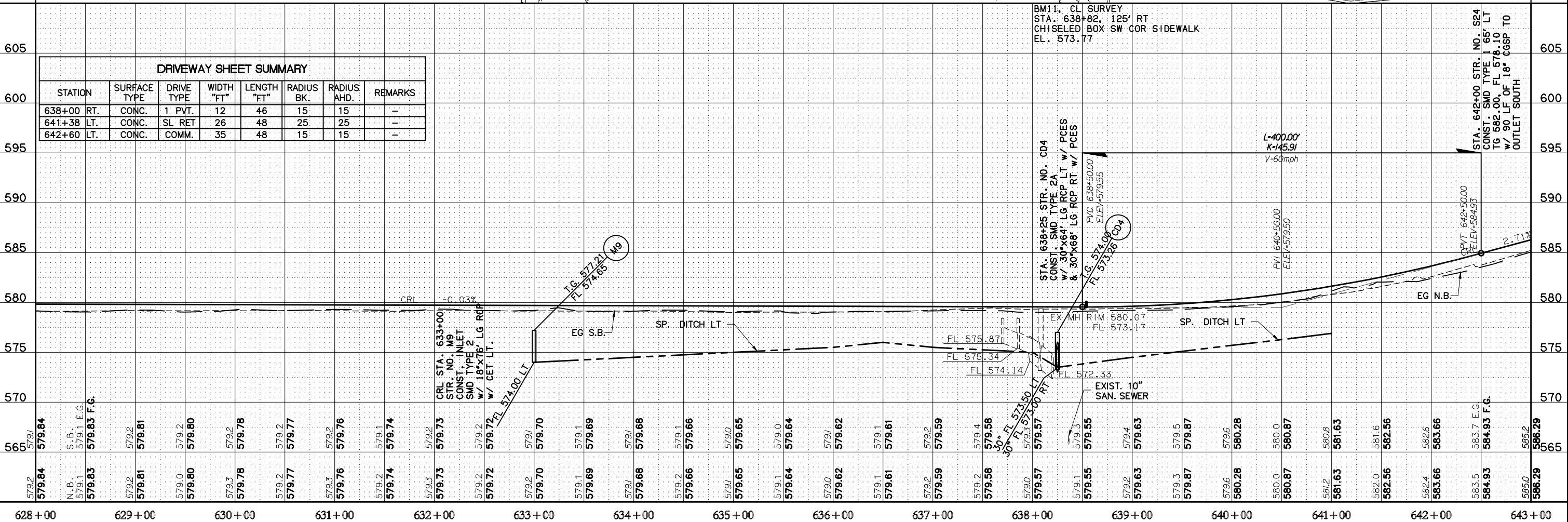
PLAN AND PROFILE

MUSKOGEE COUNTY U.S. HIGHWAY 69
 STATE JOB NO. JP 27108(04) SHEET NO. 9

SECTION 33
T-15-N, R-18-E



SECTION 33
T-15-N, R-18-E



1408 E. P. 1, 2, 3, 4
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SECTION 28
T-15-N, R-18-E

SUPPLEMENT NO. 2
OPTION NO. 2

JULY 2020

OKLAHOMA DEPARTMENT OF TRANSPORTATION

MATCHLINE STA. 658+00

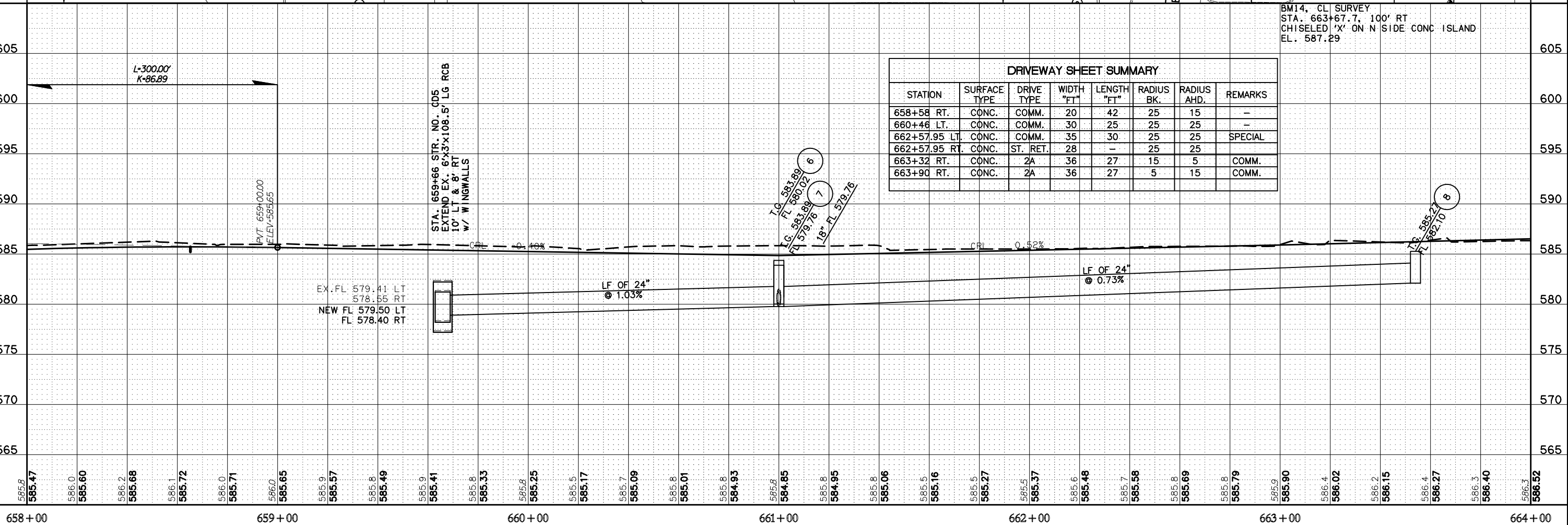
MATCHLINE STA. 664+00

U.S. 69 U.S. 62 & S.H. 16

SECTION 28
T-15-N, R-18-E

BM14, CL SURVEY
STA. 663+67.7, 100' RT
CHISELED 'X' ON N SIDE CONC ISLAND
EL. 587.29

DRIVEWAY SHEET SUMMARY							
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH 'FT'	LENGTH 'FT'	RADIUS BK.	RADIUS AHD.	REMARKS
658+58	RT. CONC.	COMM.	20	42	25	15	-
660+46	LT. CONC.	COMM.	30	25	25	25	-
662+57.95	LT. CONC.	COMM.	35	30	25	25	SPECIAL
662+57.95	RT. CONC.	ST. RET.	28	-	25	25	-
663+32	RT. CONC.	2A	36	27	15	5	COMM.
663+90	RT. CONC.	2A	36	27	5	15	COMM.



1/18 E.P. 1/18 P. 1/18
 7/17/2020 9:45 AM PLOT SIZE: 11x17 INCHES/CM/IN
 Z:\Projects\2014\1400\TUS90\DESIGN\Production\Plan\27108_BASE_Option_2.dwg

U.S. HWY. 69



PLAN AND PROFILE

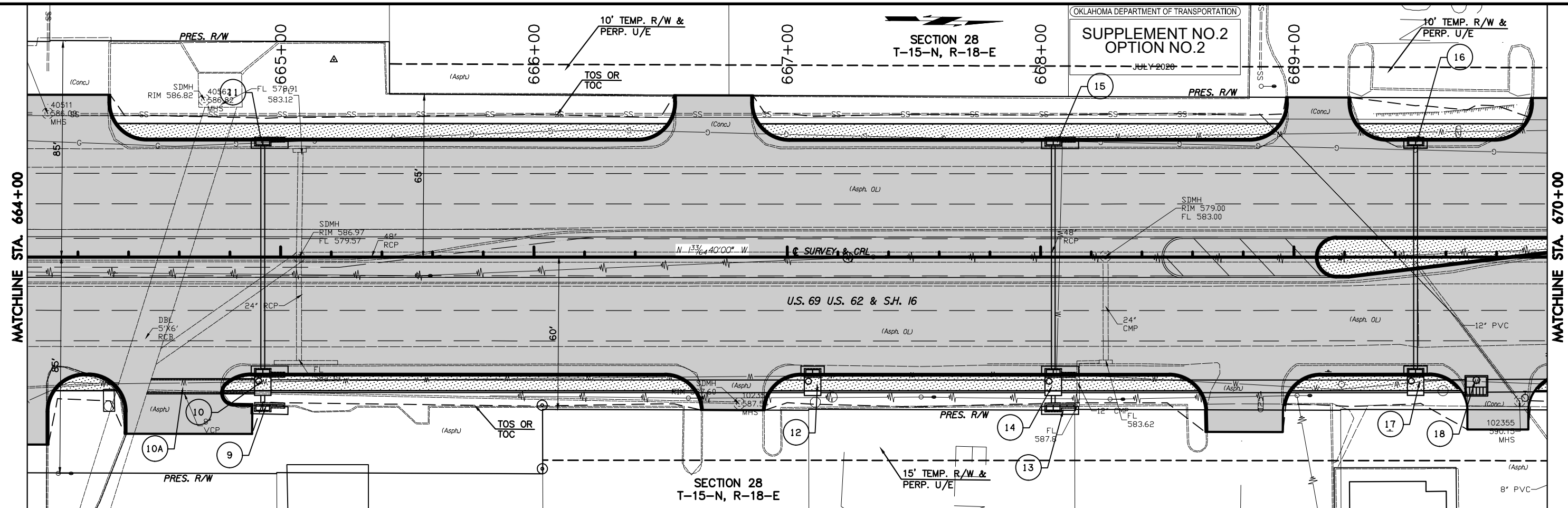
MUSKOGEE COUNTY U.S. HIGHWAY 69
STATE JOB NO. JP 27108(04) SHEET NO. 12

SECTION 28
T-15-N, R-18-E

SUPPLEMENT NO.2
OPTION NO.2
JULY 2020

MATCHLINE STA. 664+00

MATCHLINE STA. 670+00

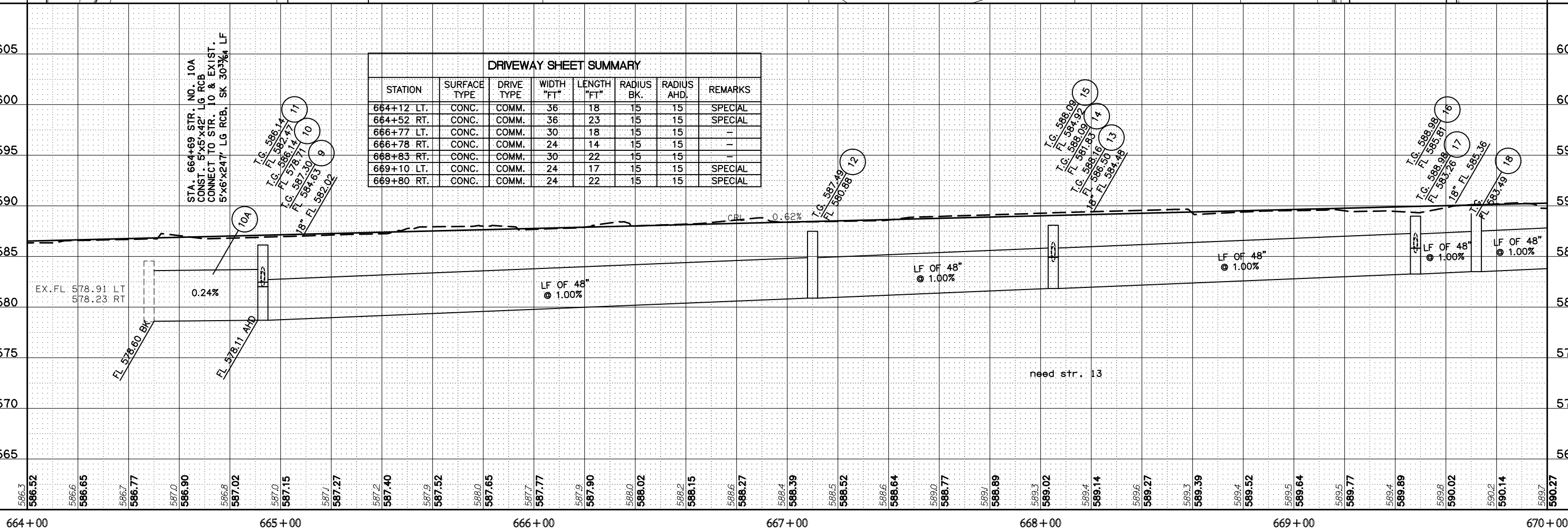


SECTION 28
T-15-N, R-18-E

DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
664+12 LT.	CONC.	COMM.	36	18	15	15	SPECIAL
664+52 RT.	CONC.	COMM.	36	23	15	15	SPECIAL
666+77 LT.	CONC.	COMM.	30	18	15	15	-
666+78 RT.	CONC.	COMM.	24	14	15	15	-
668+83 RT.	CONC.	COMM.	30	22	15	15	-
669+10 LT.	CONC.	COMM.	24	17	15	15	SPECIAL
669+80 RT.	CONC.	COMM.	24	22	15	15	SPECIAL

STA. 664+69 STR. NO. 10A
CONST. 5'x5'x42" LG RCB
CONNECT TO STR. 10 & EXIST.
5'x6'x24" LG RCB, SK 30 3/4 LF

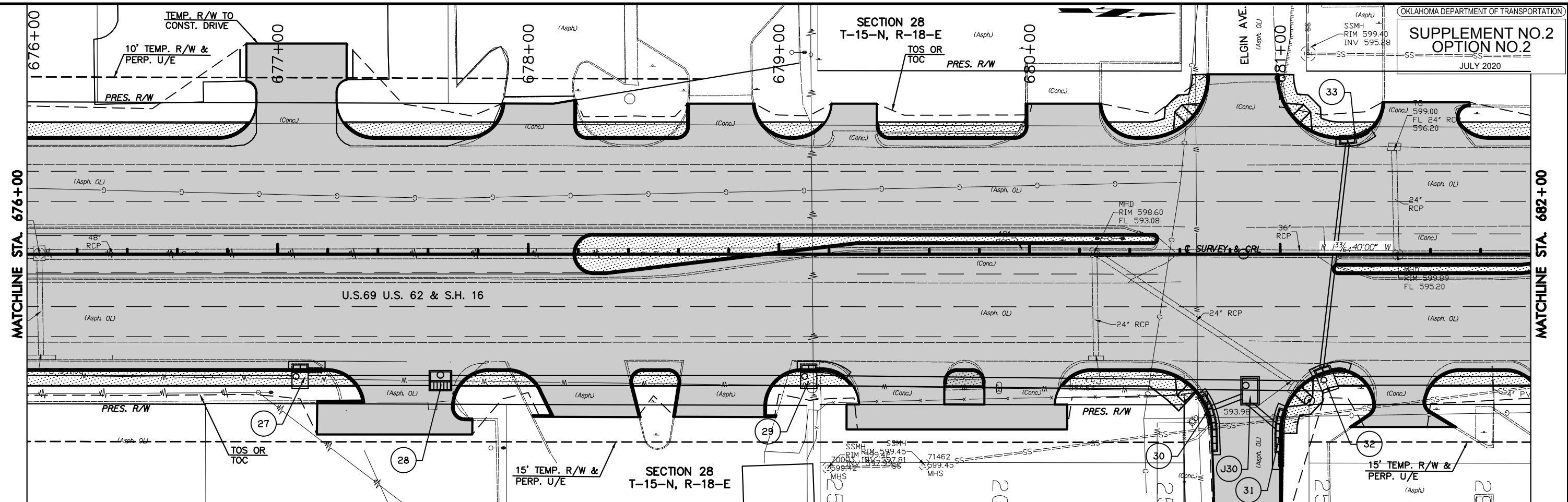


664+00 665+00 666+00 667+00 668+00 669+00 670+00



SECTION 28
T-15-N, R-18-E

SECTION 28
T-15-N, R-18-E



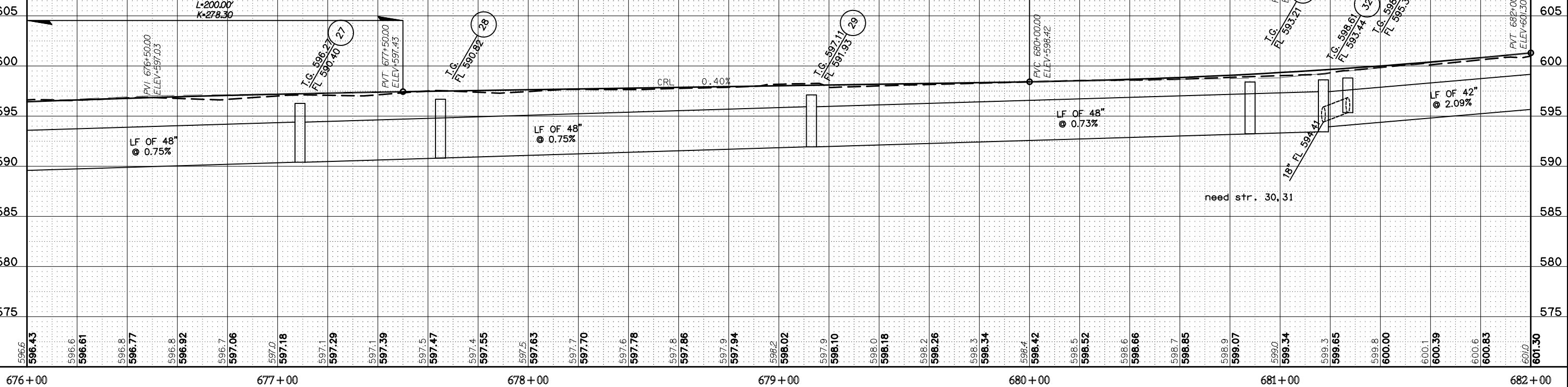
DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
677+09 LT.	CONC.	COMM.	32	38	15	15	SPECIAL
677+50 RT.	CONC.	COMM.	36	26	15	15	SPECIAL
678+00 LT.	CONC.	2A	28	15	15	5	COMM.
678+22 RT.	CONC.	2A	34	19	15	5	COMM.
678+78 LT.	CONC.	2A	26	14	5	15	COMM.
678+78 RT.	CONC.	2A	36	19	5	15	COMM.
679+30 LT.	CONC.	2A	18	14	15	5	COMM.

DRIVEWAY SHEET SUMMARY CONT'D

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
679+50 RT.	CONC.	2A	34	24	15	5	COMM.
680+00 RT.	CONC.	2A	28	24	5	15	COMM.
680+17 LT.	CONC.	COMM.	28	14	15	15	-
680+88.37 LT.	CONC.	ST. RET.	28	25	25	25	-
680+88.37 RT.	CONC.	ST. RET.	26	67	25	25	-
681+47 RT.	CONC.	COMM.	20	25	15	15	SPECIAL
681+60 LT.	CONC.	COMM.	34	14	15	15	SPECIAL

BM16, CL SURVEY
 STA. 677+67.6, 185.1' LT
 CHISELED 'X' ON TOP CURB AT OLD
 DINER
 EL. 595.97

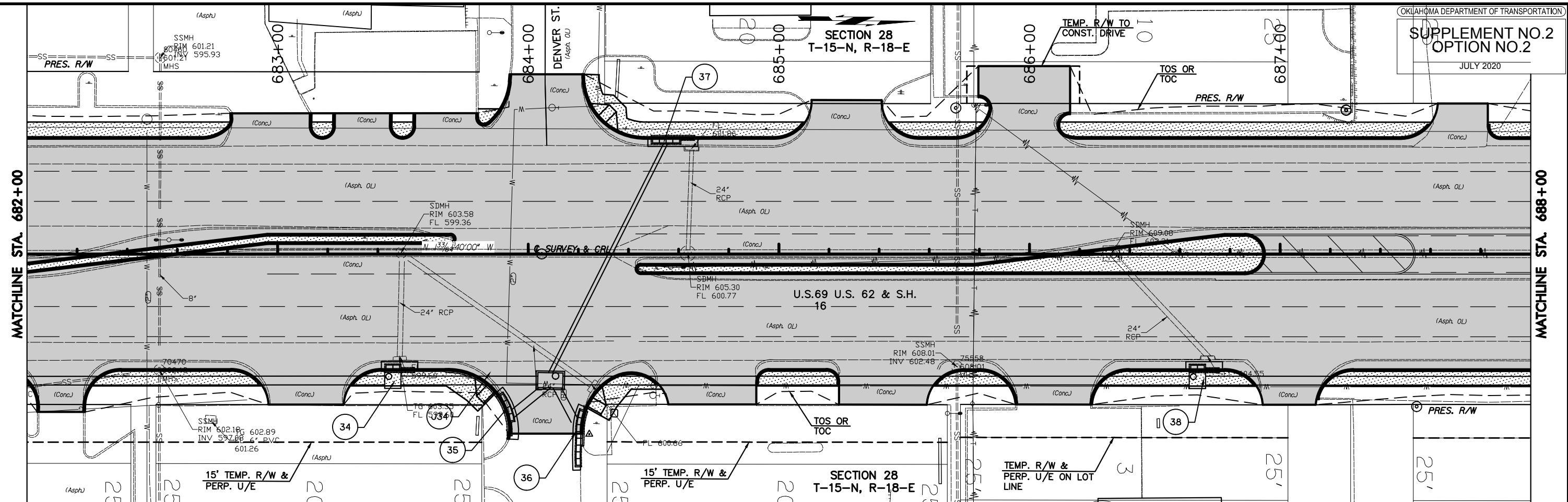


1/18 E:\Projects\2014\1400\TSS9\DESIGN\Production\Plan\27108_BASE_Option_2.dwg
 7/17/2020 9:37 AM Pkt Swh MNOCHUPMES/C78
 7/17/2020 9:37 AM Pkt Swh MNOCHUPMES/C78

SECTION 28
T-15-N, R-18-E

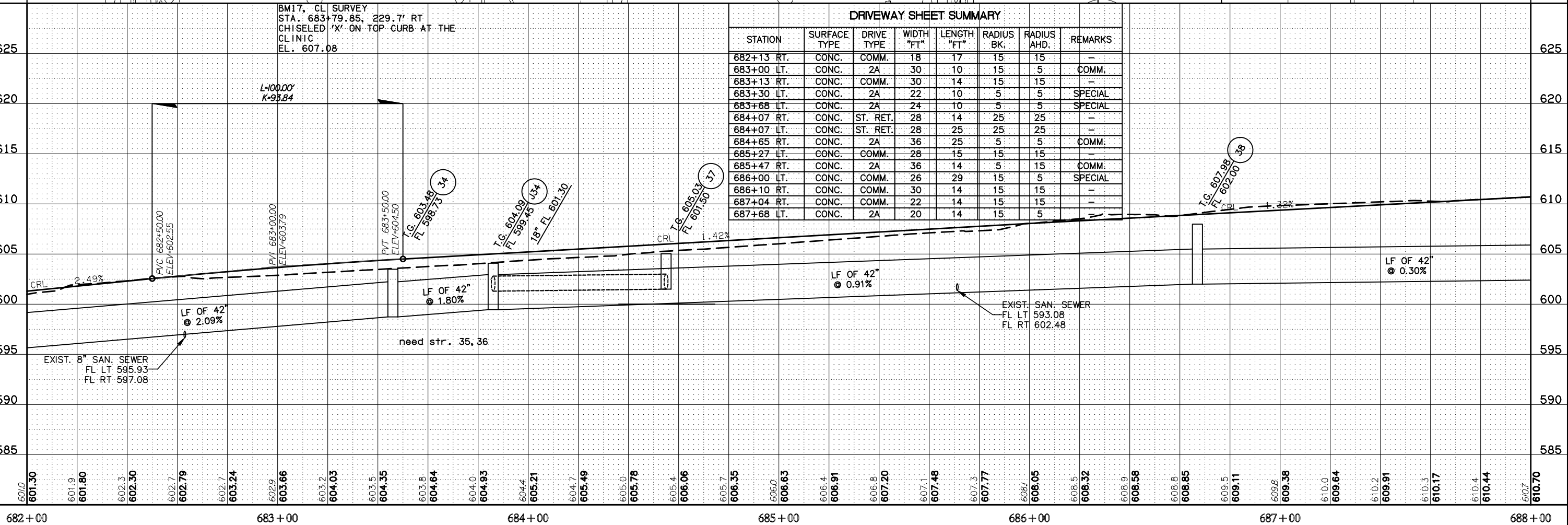
MATCHLINE STA. 682+00

MATCHLINE STA. 688+00



DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
682+13 RT.	CONC.	COMM.	18	17	15	15	-
683+00 LT.	CONC.	2A	30	10	15	5	COMM.
683+13 RT.	CONC.	COMM.	30	14	15	15	-
683+30 LT.	CONC.	2A	22	10	5	5	SPECIAL
683+68 LT.	CONC.	2A	24	10	5	5	SPECIAL
684+07 RT.	CONC.	ST. RET.	28	14	25	25	-
684+07 LT.	CONC.	ST. RET.	28	25	25	25	-
684+65 RT.	CONC.	2A	36	25	5	5	COMM.
685+27 LT.	CONC.	COMM.	28	15	15	15	-
685+47 RT.	CONC.	2A	36	14	5	15	COMM.
686+00 LT.	CONC.	COMM.	26	29	15	5	SPECIAL
686+10 RT.	CONC.	COMM.	30	14	15	15	-
687+04 RT.	CONC.	COMM.	22	14	15	15	-
687+68 LT.	CONC.	2A	20	14	15	5	-



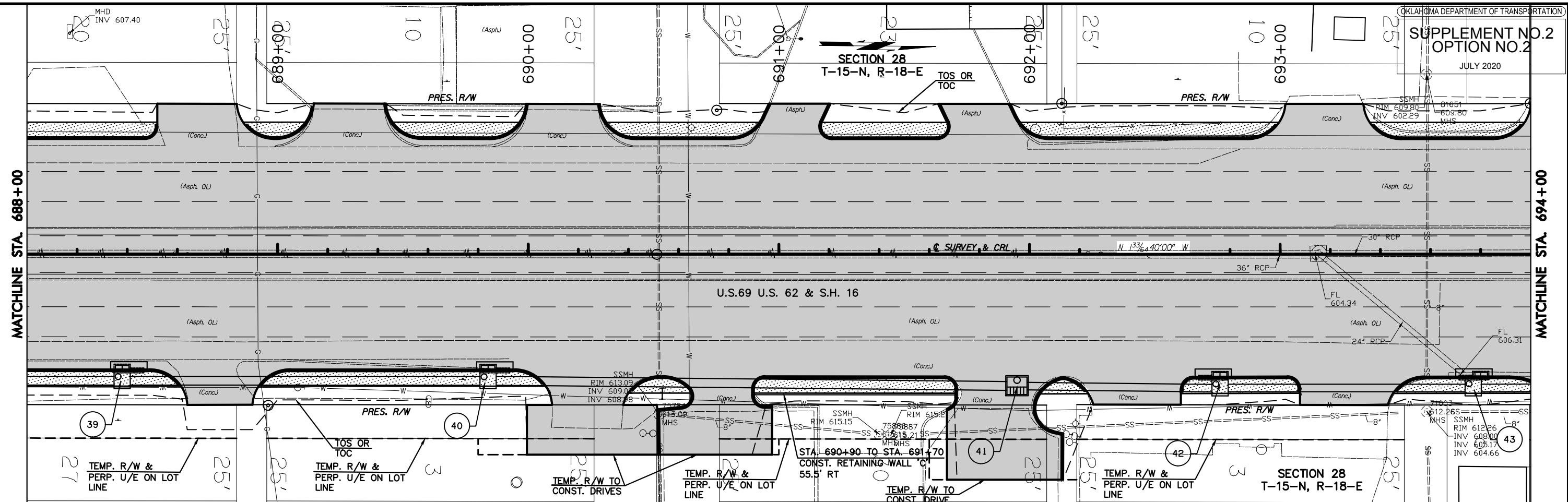
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 7/17/2020 9:37 AM Pkt Swh MNOCHUMES/C78
 1/18 E:\Projects\2014\1400\TUS90\DESIGN\Production\Plan\27108_BASE_Option_2.dwg



SECTION 28
T-15-N, R-18-E

MATCHLINE STA. 688+00

MATCHLINE STA. 694+00

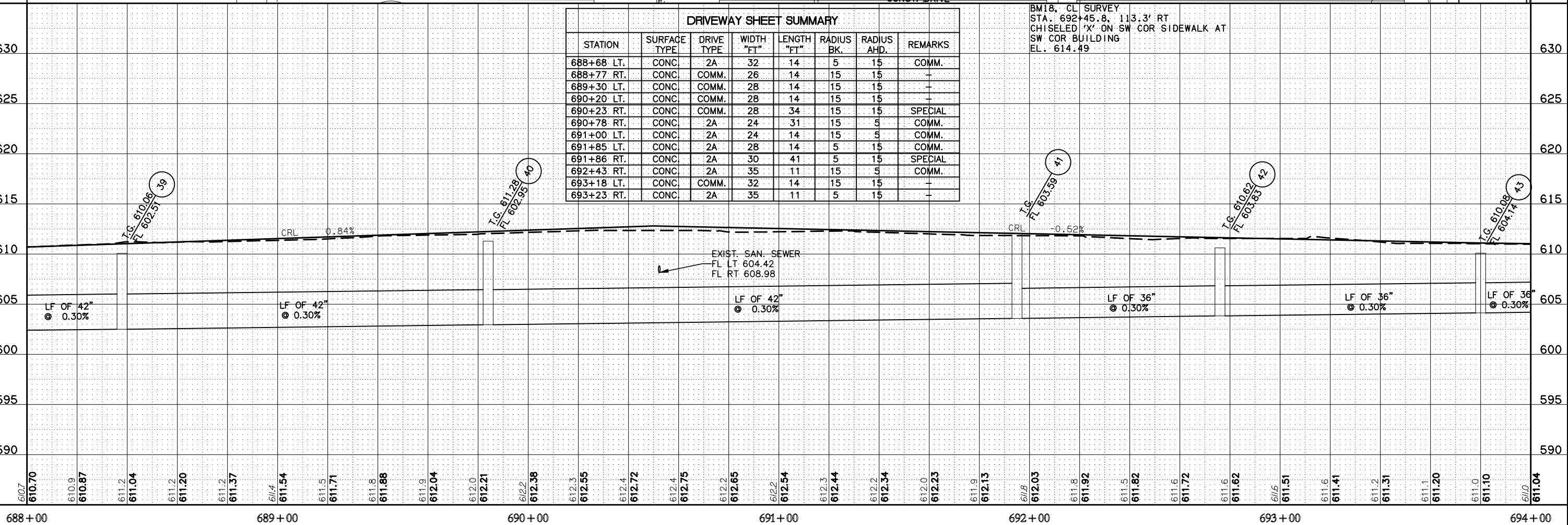


DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
688+68 LT.	CONC.	2A	32	14	5	15	COMM.
688+77 RT.	CONC.	COMM.	26	14	15	15	
689+30 LT.	CONC.	COMM.	28	14	15	15	
690+20 LT.	CONC.	COMM.	28	14	15	15	
690+23 RT.	CONC.	COMM.	28	34	15	15	SPECIAL
690+78 RT.	CONC.	2A	24	31	15	5	COMM.
691+00 LT.	CONC.	2A	24	14	15	5	COMM.
691+85 LT.	CONC.	2A	28	14	5	15	COMM.
691+86 RT.	CONC.	2A	30	41	5	15	SPECIAL
692+43 RT.	CONC.	2A	35	11	15	5	COMM.
693+18 LT.	CONC.	COMM.	32	14	15	15	
693+23 RT.	CONC.	2A	35	11	5	15	

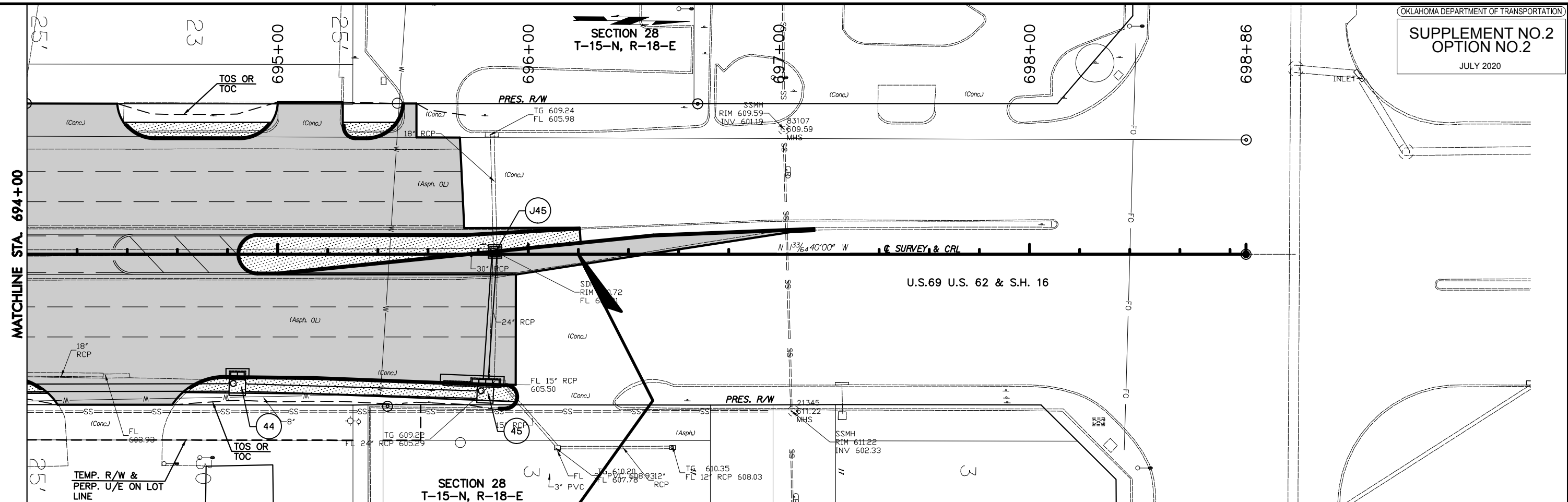
BM18, CL SURVEY
 STA. 692+45.8, 113.3' RT
 CHISELED 'X' ON SW COR SIDEWALK AT
 SW COR BUILDING
 EL. 614.49

1/18/20 F:\Projects\2014\14000\TSS9\DESIGN\Production\Plan\27108_BASE_Option_2.dwg
 7/1/20 7:00 AM PLOT BY: MHC/CH/MS/CRB
 1/18/20 7:00 AM PLOT BY: MHC/CH/MS/CRB



SECTION 28
T-15-N, R-18-E

MATCHLINE STA. 694+00



TEMP. R/W &
 PERP. U/E ON LOT
 LINE

SECTION 28
T-15-N, R-18-E

DRIVEWAY SHEET SUMMARY

STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
694+18	LT.	CONC.	COMM.	36	14	15	15
694+36	RT.	CONC.	COMM.	46	11	15	15
695+13	LT.	CONC.	2A	26	14	15	5 COMM.
695+61	LT.	CONC.	COMM.	6	14	15	SPECIAL

BM19, CL SURVEY
 STA. 699+42, 158' LT
 CHISELED 'X' ON STEP AT SE COR
 SMALL BUILDING
 EL. 612.46

STA. 695+95 END CONST NORTHBOUND
 STA. 696+20 END CONST SOUTHBOUND

W:\Projects\2014\1400\TUS99\DESIGN\Production\Plan\27108_BASE_Option_2.dwg
 7/17/2020 9:39 AM Pkt Swh: MNOCHUPRES/C78
 1/1/2014 7:00:00 AM Pkt Swh: MNOCHUPRES/C78

694+00 695+00 696+00 697+00 698+00 699+00 700+00

U.S. HWY. 69



PLAN AND PROFILE

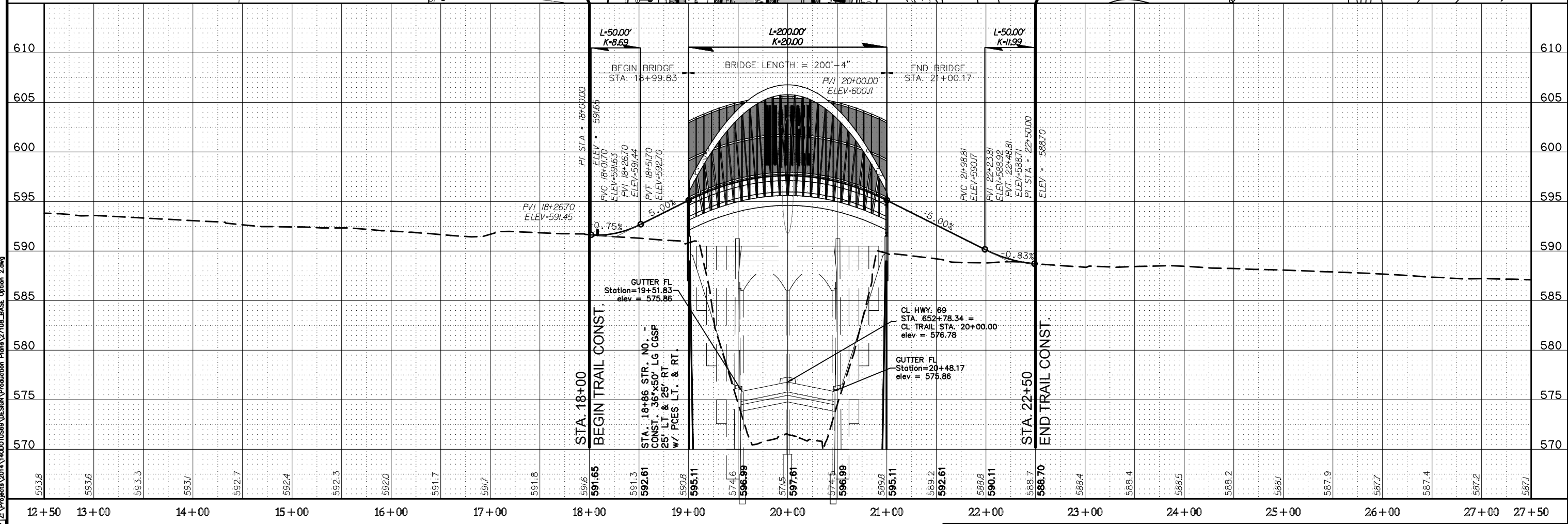
MUSKOGEE COUNTY U.S. HIGHWAY 69
 STATE JOB NO. JP 27108(04) SHEET NO. 18

P.O.T. Sta. 652+78.34
 C/L U.S. 69 = P.O.T. Sta. 20+00.00
 CHISLED "X"

20' TEMP. R/W & PERP. U/E
 R = 19.06'
 R = 954.93'
 E = 8.18'
 e_{max} = 11.11'
 C₃
 PI STA = 654+03.75
 X = 2739155.29
 Y = 280656.34
 Δ = 14°56'40"
 D = 6°00'00"
 T = 125.24'

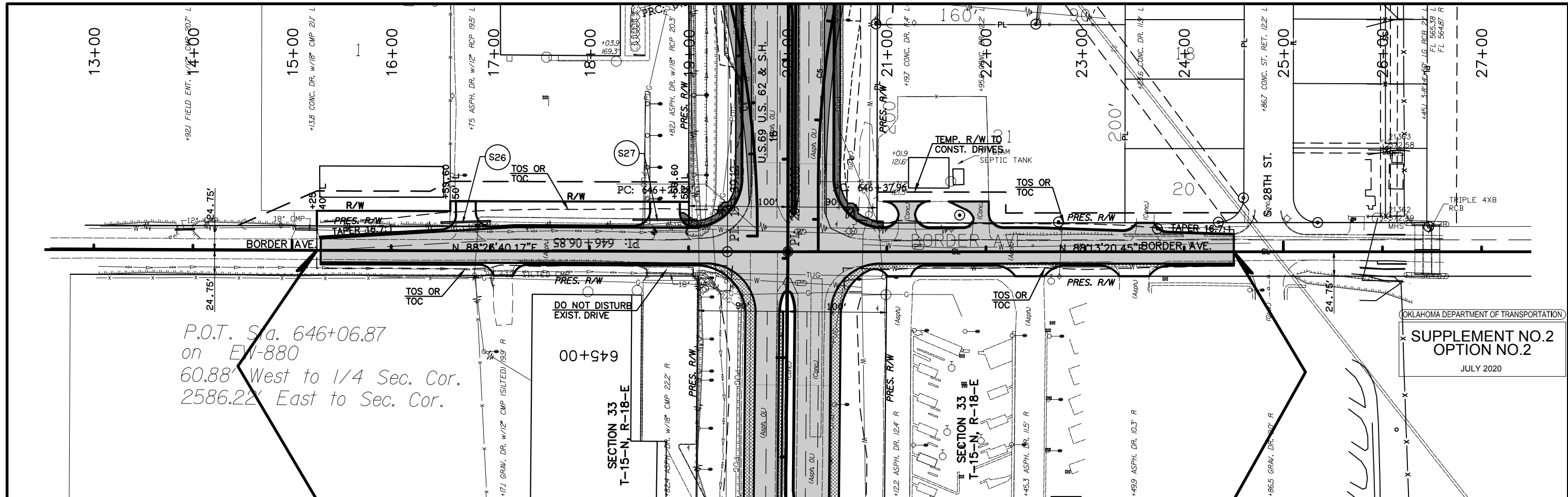
SECTION 28
 T-15-N, R-18-E
 PI STA = 654+67.00
 X = 2739327.32
 Y = 280760.38
 Δ = 13°23'10"
 D = 6°00'00"
 T = 112.06'

OKLAHOMA DEPARTMENT OF TRANSPORTATION
 SUPPLEMENT NO. 2
 OPTION NO. 2
 JULY 2020



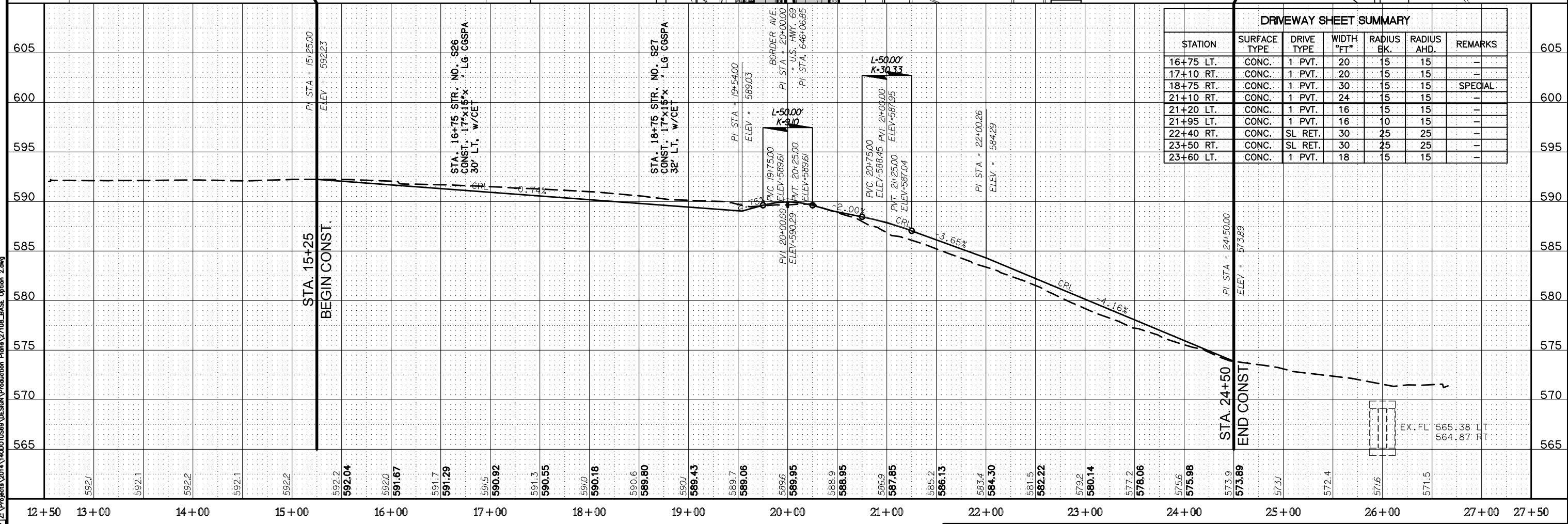
1/18/20 P. 1, 2, 3, 4
 7/17/20 P. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
 Z:\Projects\2014\1400\TSS9\DESIGN\Production\Plan\27108_BASE_Option_2.dwg

1/18 E.P. 1, 2, 3, 4
 7/17/2020 7:20:00 9:40 AM PLOT SHEET MMSCHUPES/CTB
 Z:\Projects\2014\1400\TUS93\DESIGN\Production\Plan\27108_BASE_Option_2.dwg



P.O.T. Sta. 646+06.87
 on EW-880
 60.88' West to 1/4 Sec. Cor.
 2586.22' East to Sec. Cor.

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SUPPLEMENT NO.2
OPTION NO.2
 JULY 2020



DRIVEWAY SHEET SUMMARY						
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
16+75 LT.	CONC.	1 PVT.	20	15	15	-
17+10 RT.	CONC.	1 PVT.	20	15	15	-
18+75 RT.	CONC.	1 PVT.	30	15	15	SPECIAL
21+10 RT.	CONC.	1 PVT.	24	15	15	-
21+20 LT.	CONC.	1 PVT.	16	15	15	-
21+95 LT.	CONC.	1 PVT.	16	10	15	-
22+40 RT.	CONC.	SL RET.	30	25	25	-
23+50 RT.	CONC.	SL RET.	30	25	25	-
23+60 LT.	CONC.	1 PVT.	18	15	15	-

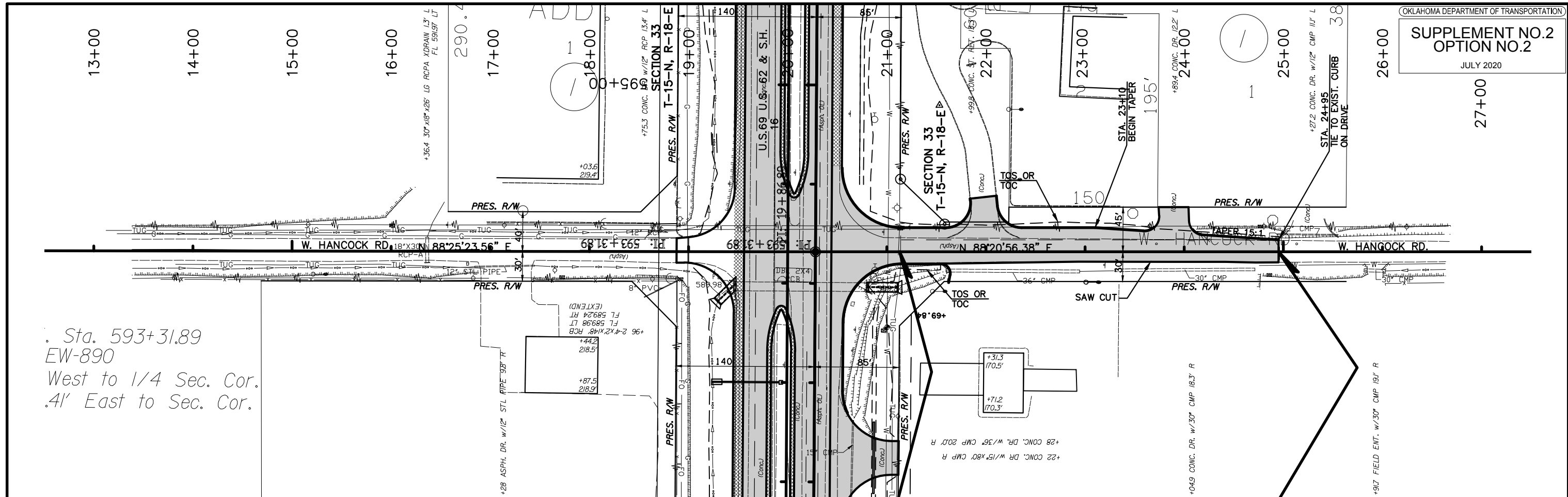
EX. FL. 565.38 LT
 564.87 RT

BORDER AVE.



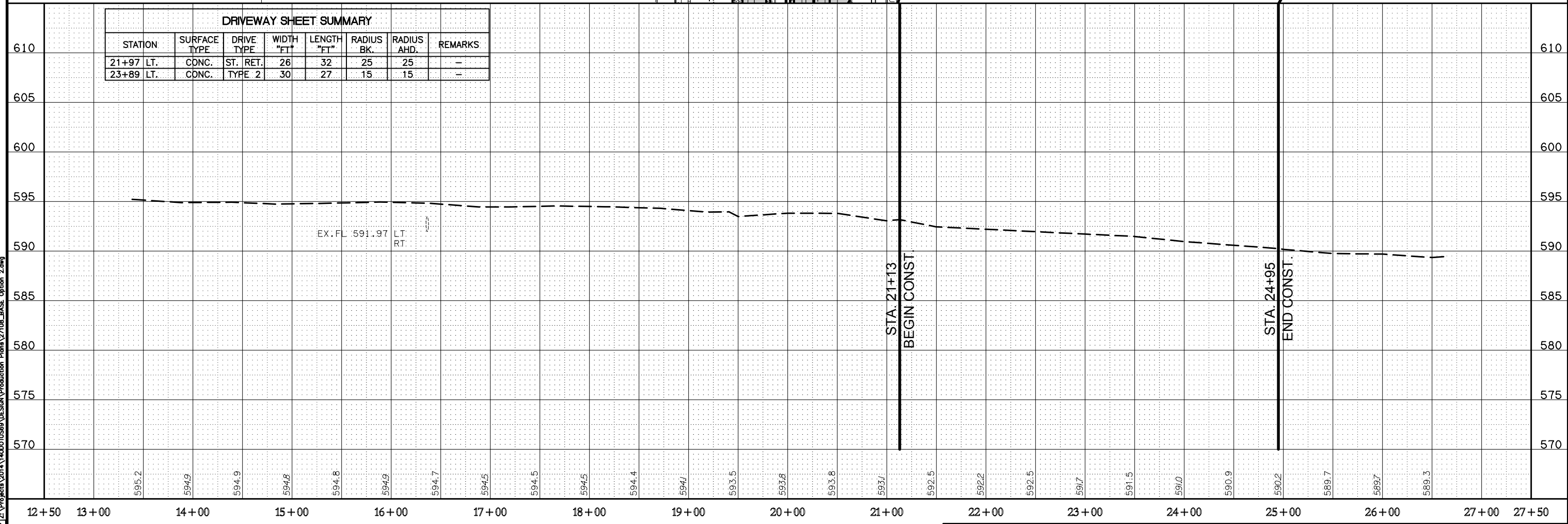
PLAN AND PROFILE

MUSKOGEE COUNTY U.S. HIGHWAY 69
 STATE JOB NO. JP 27108(04) SHEET NO. 20



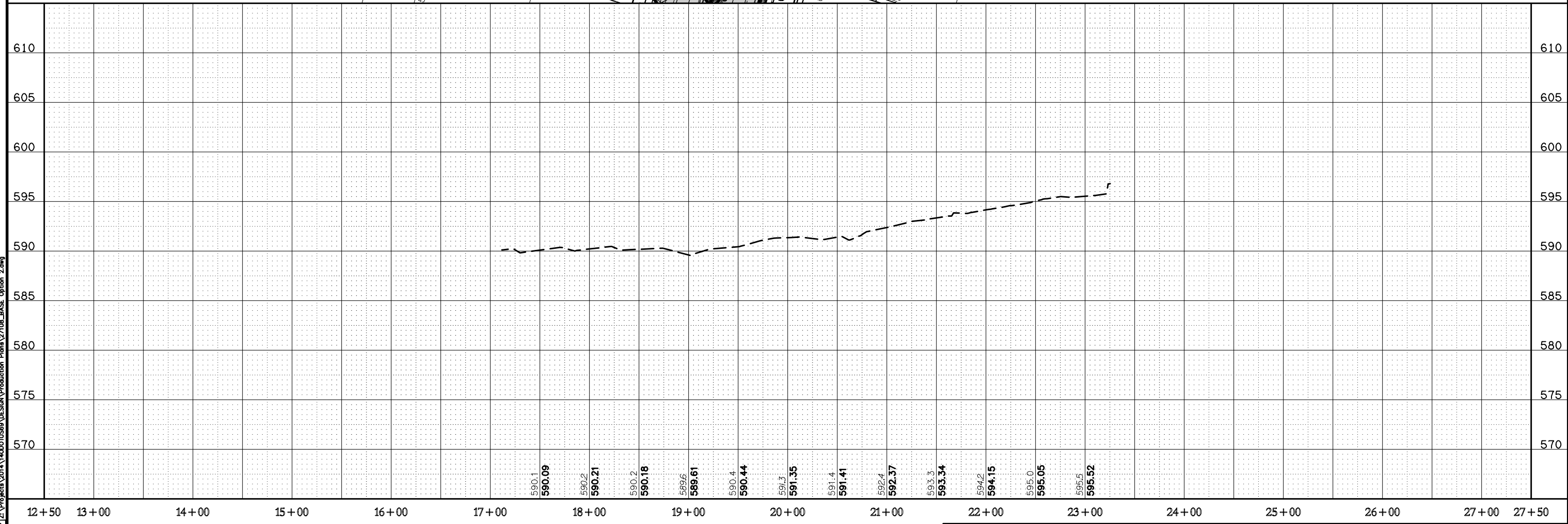
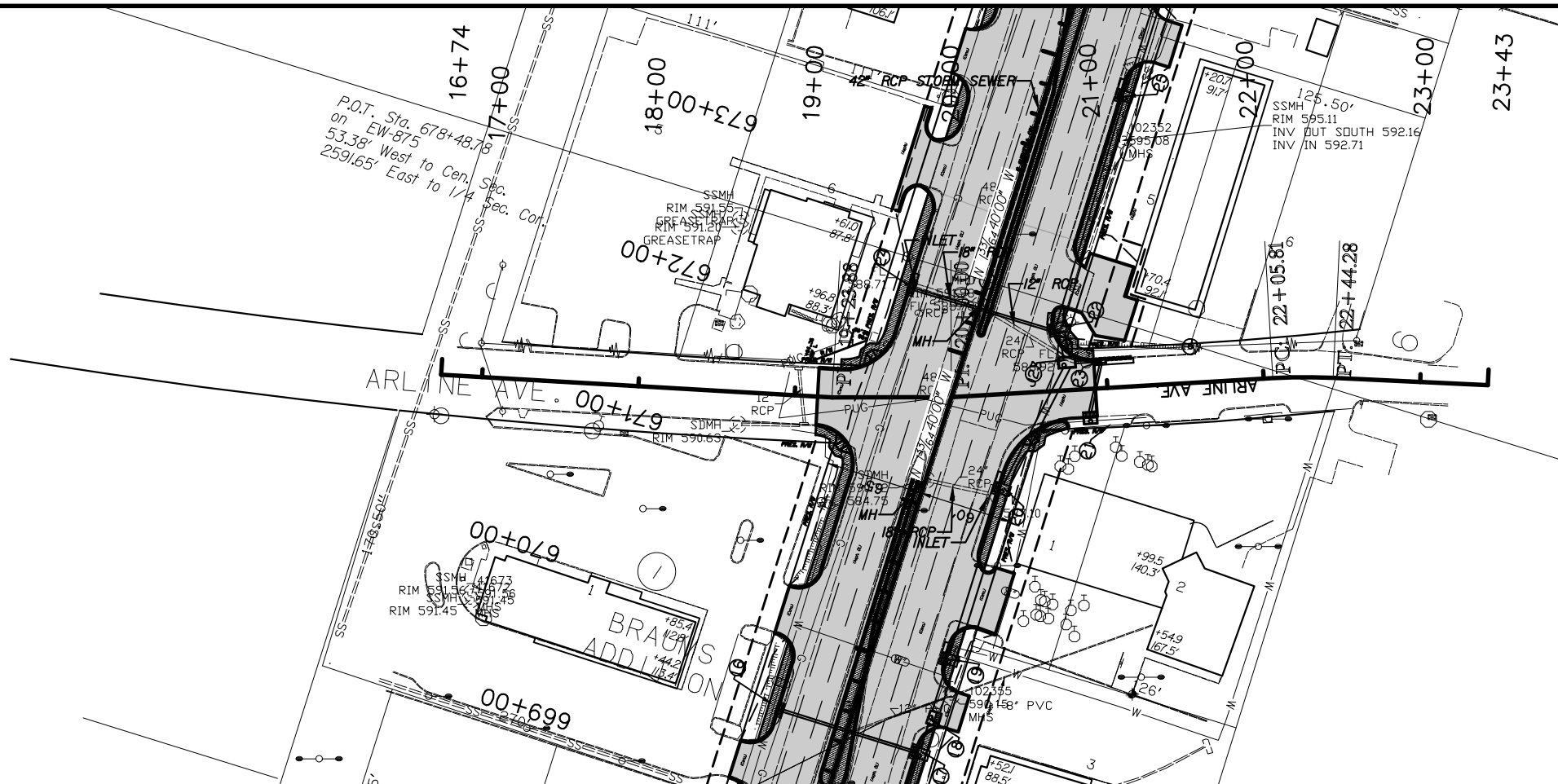
Sta. 593+31.89
 EW-890
 West to 1/4 Sec. Cor.
 41' East to Sec. Cor.

DRIVEWAY SHEET SUMMARY							
STATION	SURFACE TYPE	DRIVE TYPE	WIDTH "FT"	LENGTH "FT"	RADIUS BK.	RADIUS AHD.	REMARKS
21+97	LT. CONC.	ST. RET.	26	32	25	25	-
23+89	LT. CONC.	TYPE 2	30	27	15	15	-



1/18 E.P. 1, 2, 3, 4, 5
 7/17/2020 P. 7, 9, 2020 9:40 AM Pkt Sph. MHOCHUPES/CFB
 Z:\Projects\2014\1400\TUS93\DESIGN\Production\Plan\27108_BASE_Option_2.dwg

SECTION 28
T-15-N, R-18-E



148 E. P. 1, 2, 3, 4
 7/17/14, 7/20/2023, 9:41 AM, Rev. Syle, MWDCHQ/MS/CTB
 Z:\Projects\2014\14000\TSS9\DESIGN\Production\Plan\27108_BASE_Option_2.dwg

REV. NO.	REVISIONS	DATE
	DESCRIPTION	

DESIGN DATA

CONCRETE CLASS AA f'c = 4 K.S.I.
 REINFORCING STEEL (GRADE 60) fy = 60 K.S.I.

LOADING:
 HL-93 OR OKLAHOMA OVERLOAD TRUCK

DESIGN:
 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION

HL-93 INVENTORY RATING FACTOR: x.xx
 HL-93 OPERATING RATING FACTOR: x.xx

INDEX OF SHEETS

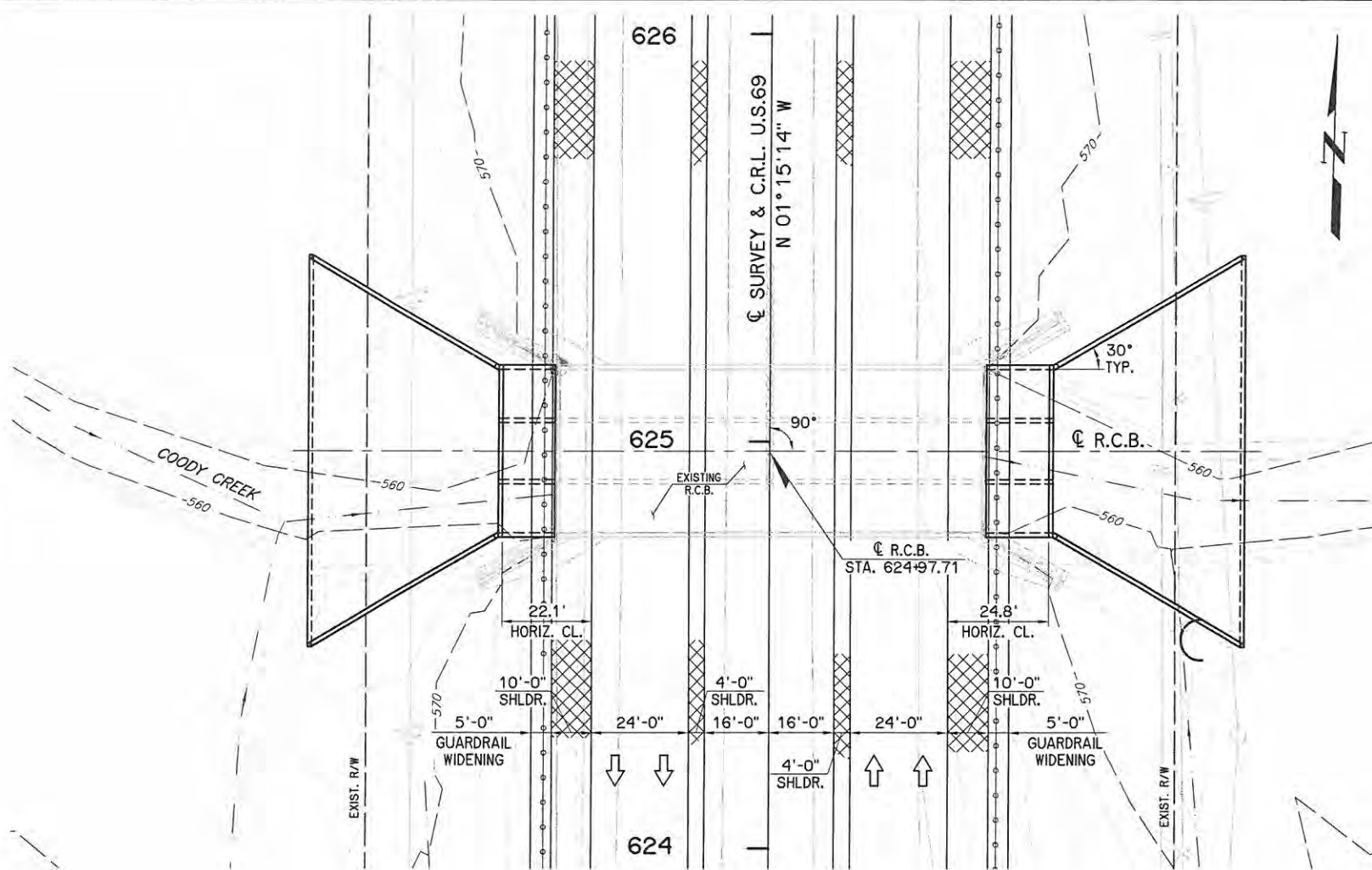
xx SUMMARY OF BRIDGE PAY QUANTITIES & BRIDGE GENERAL NOTES
 xx GENERAL PLAN AND ELEVATION

STANDARDS

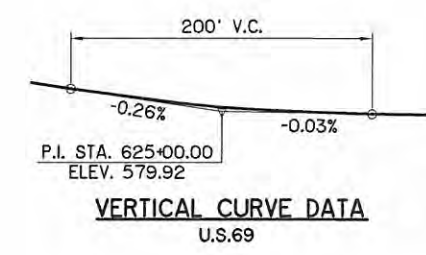
SBI-4-2

HYDRAULIC DATA

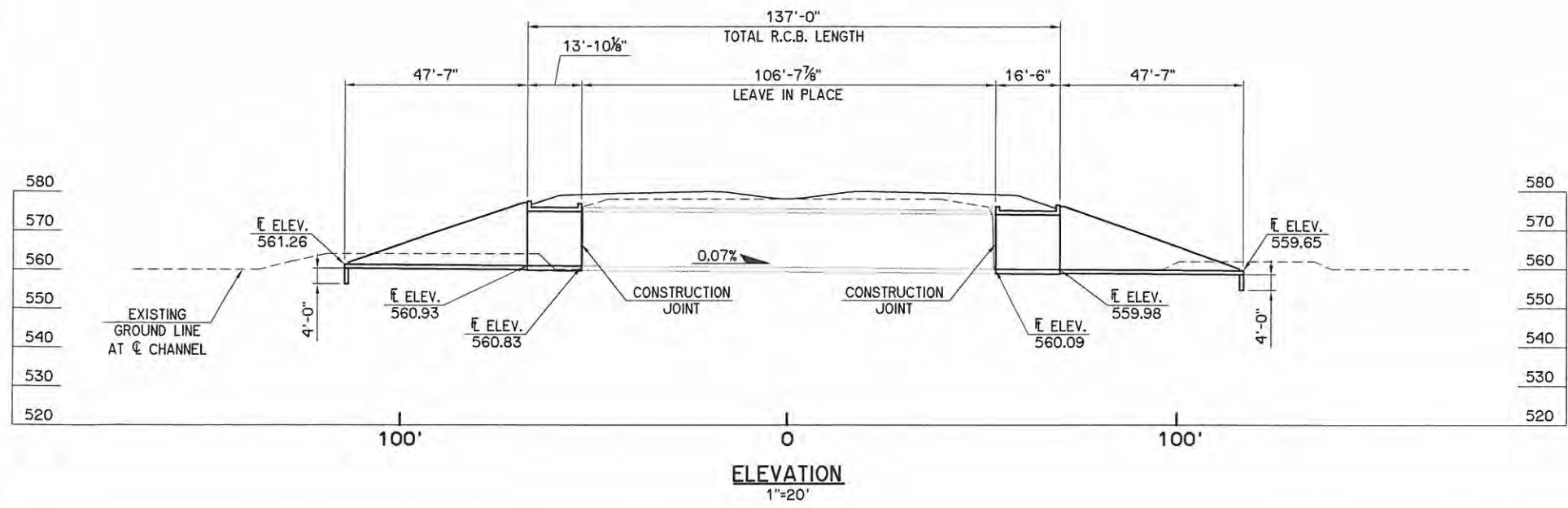
TOTAL DRAINAGE AREA	= 5.86 SQ. MILES
CONTROLLED DRAINAGE AREA	= 0.00 SQ. MILES
EFFECTIVE DRAINAGE AREA	= 5.86 SQ. MILES
Q2	= 882 C.F.S.
V2	= 2.56 F.P.S.
Q2 COMPUTED HIGHWATER ELEVATION	= 567.74 FT.
Q5	= 1700 C.F.S.
V5	= 4.10 F.P.S.
Q5 COMPUTED HIGHWATER ELEVATION	= 569.27 FT.
Q10	= 2470 C.F.S.
V10	= 5.41 F.P.S.
Q10 COMPUTED HIGHWATER ELEVATION	= 570.40 FT.
Q25	= 3750 C.F.S.
V25	= 7.39 F.P.S.
Q25 COMPUTED HIGHWATER ELEVATION	= 572.20 FT.
Q50	= 4580 C.F.S.
V50	= 8.59 F.P.S.
Q50 COMPUTED HIGHWATER ELEVATION	= 573.50 FT.
Q100	= 5600 C.F.S.
V100	= 10.03 F.P.S.
Q100 COMPUTED HIGHWATER ELEVATION	= 575.30 FT.
Q500	= 8320 C.F.S.
V500	= 13.67 F.P.S.
Q500 COMPUTED HIGHWATER ELEVATION	= 580.01 FT.
Q0T = Q400	= 7645 C.F.S.
V400	= 12.77 F.P.S.
Q400 COMPUTED HIGHWATER ELEVATION	= 579.56 FT.



PLAN
1"=20'



VERTICAL CURVE DATA
U.S.69



ELEVATION
1"=20'

SUMMARY OF QUANTITIES - BRIDGE "A"		
ITEM	UNIT	TOTAL
UNCLASSIFIED EXCAVATION	C.Y.	
STRUCTURAL EXCAVATION UNCLASSIFIED	C.Y.	
CLASS AA CONCRETE	C.Y.	
REINFORCING STEEL	LB.	

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

U.S.69 OVER COODY CREEK BRIDGE "A"		MUSKOGEE COUNTY	Design	CEG
GENERAL PLAN AND ELEVATION 12'-14'-12' x 14' x 137' R.C.B. C STA. 624+97.71, 0° SKEW		WHITE ENGINEERING ASSOCIATES	Detail	DRB
			Check	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		SHEET NO. B2
JOB PIECE NO. 27108(O4)				

I:\Active\1454\Drawings\Bridges\PE.dwg, 4/17/2016 12:57:52 PM, Deanne

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DESIGN DATA

CONCRETE CLASS A
 REINFORCING STEEL (GRADE 60) f'c = 3 K.S.I.
 fy = 60 K.S.I.

DESIGN:
 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION, 2014
 AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF
 PEDESTRIAN BRIDGES, 2009
 ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE

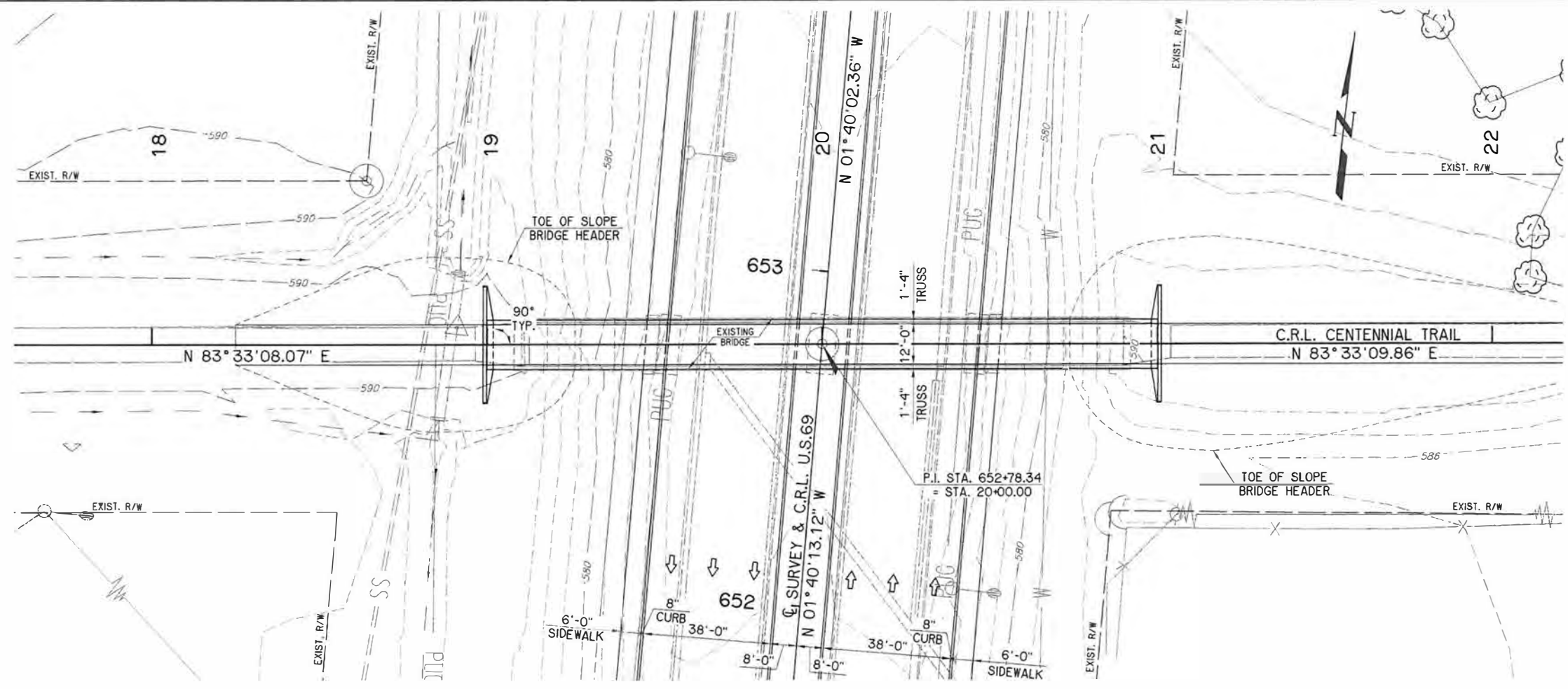
INDEX OF SHEETS

xx SUMMARY OF BRIDGE PAY QUANTITIES & BRIDGE GENERAL NOTES
 xx GENERAL PLAN AND ELEVATION

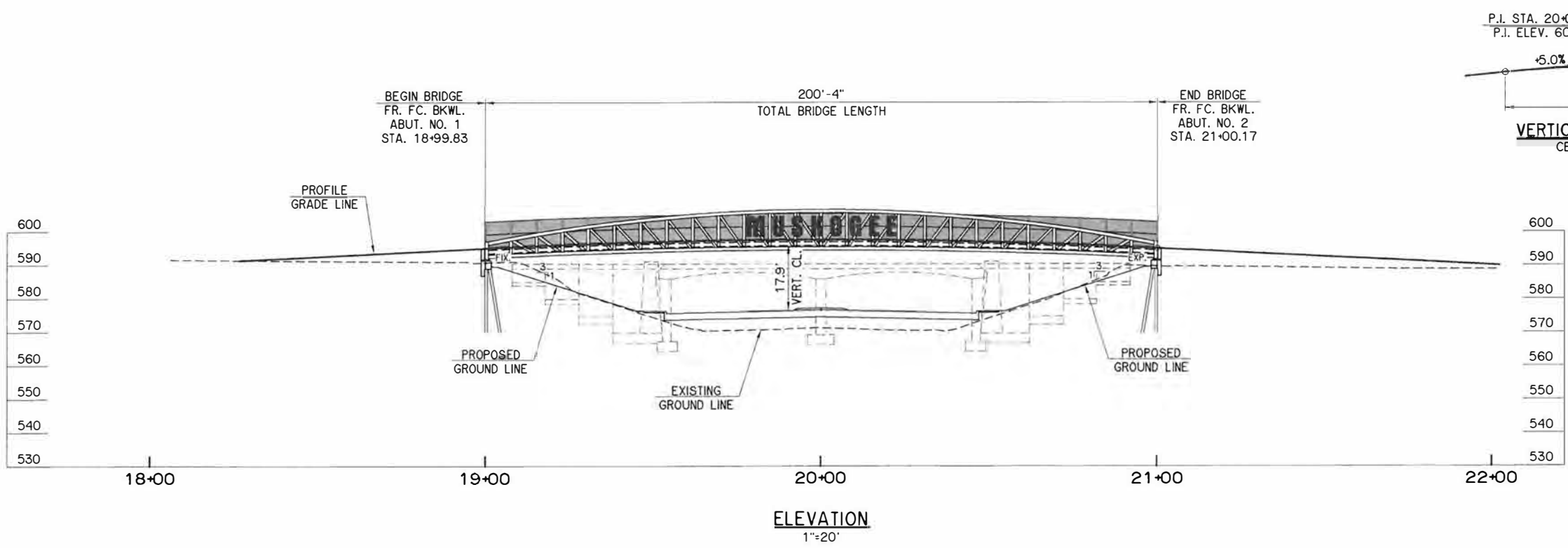
STANDARDS

FOUNDATION DATA

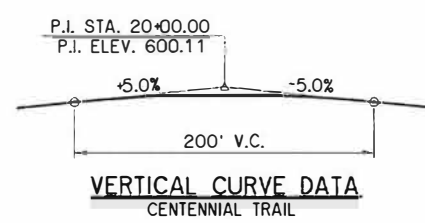
ABUTMENTS (HP 10X42 PILING)
 FACTORED PILE REACTION = XXX.X TON / PILE
 FACTORED PILE RESISTANCE:
 DRIVE PILING THROUGH THE COMPACTED FILL AND TO A POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF A FACTORED AXIAL LOAD RESISTANCE EQUAL TO OR GREATER THAN THE FACTORED PILE REACTION IS NOT OBTAINED AT THIS ELEVATION, CONTINUE DRIVING UNTIL SUCH IS OBTAINED. THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY.



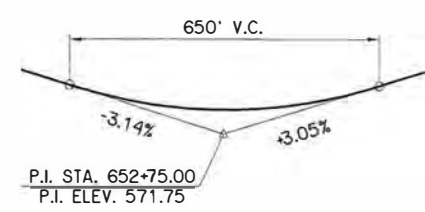
PLAN
 1"=20'



ELEVATION
 1"=20'



VERTICAL CURVE DATA
 CENTENNIAL TRAIL

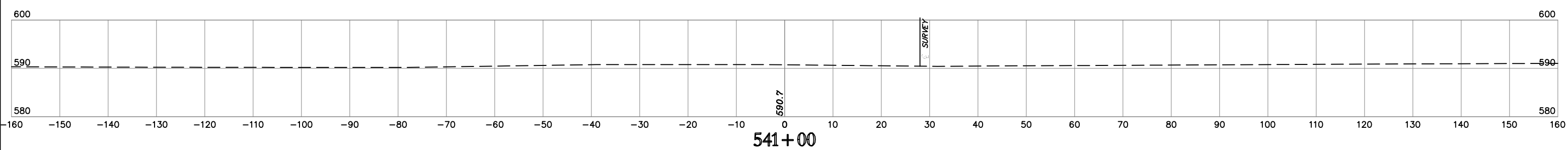
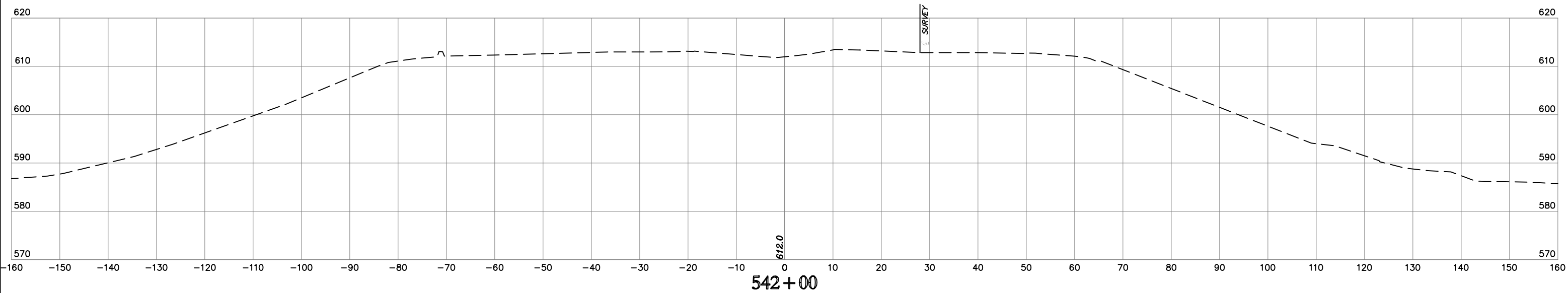
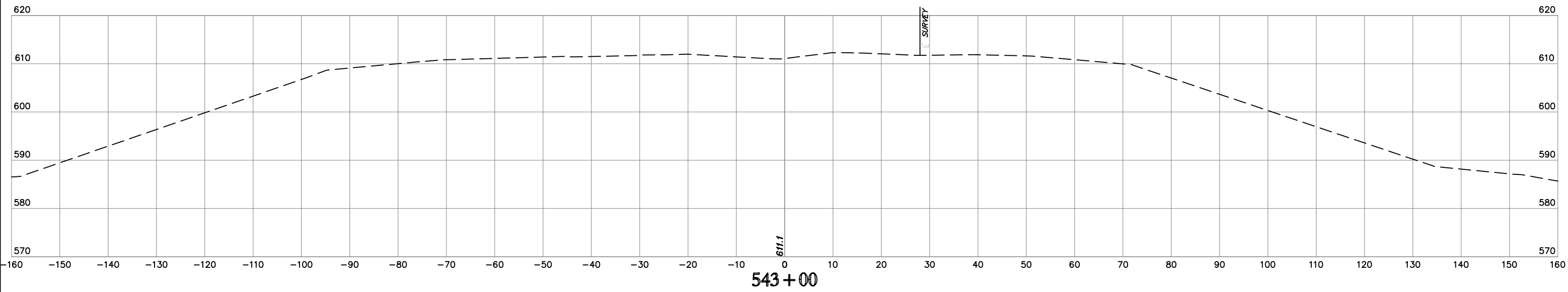


VERTICAL CURVE DATA
 U.S.69

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

CENTENNIAL TRAIL OVER U.S.69		MUSKOGEE COUNTY		Design	CEG
BRIDGE "B"				Detail	DRB
				Check	
GENERAL PLAN AND ELEVATION				WHITE ENGINEERING ASSOCIATES	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION			
		JOB PIECE NO. 27108(O4)		SHEET NO. B3	

I:\Active\1454\Drawings\Bridges\PE.dwg, 4/17/2016 1:25:05 PM, Deanne

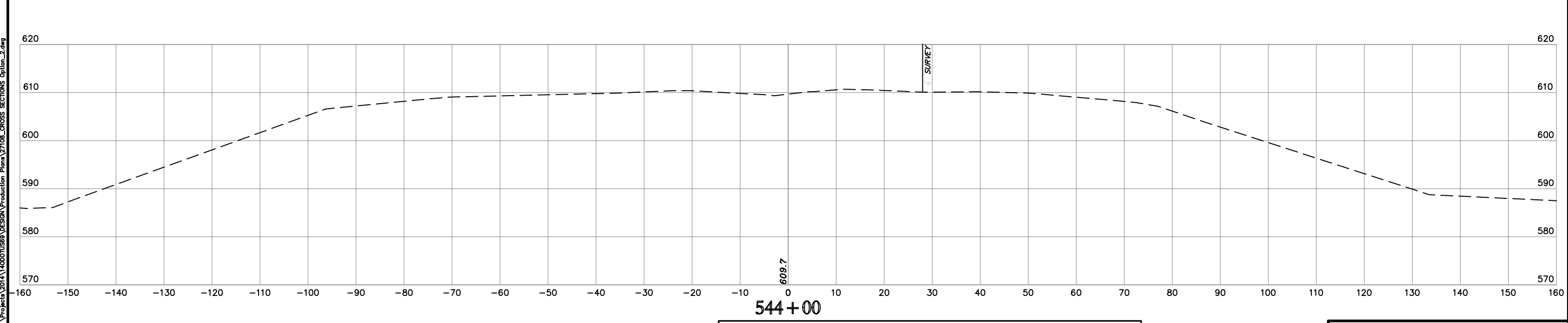
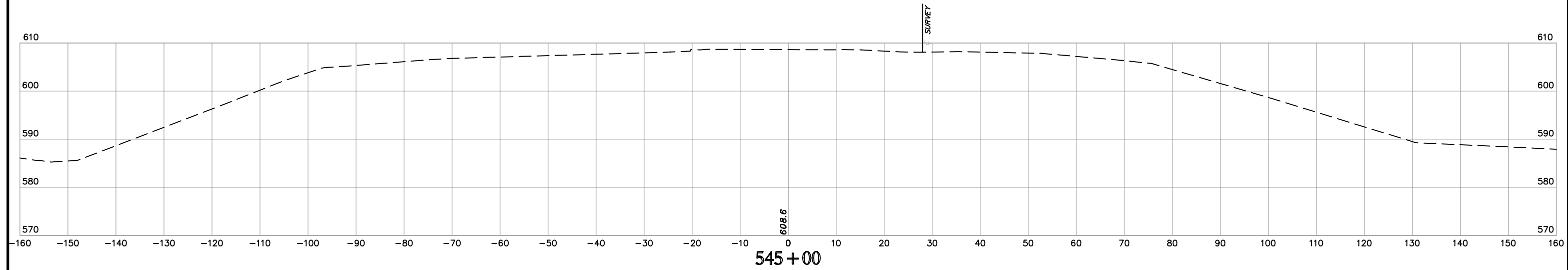
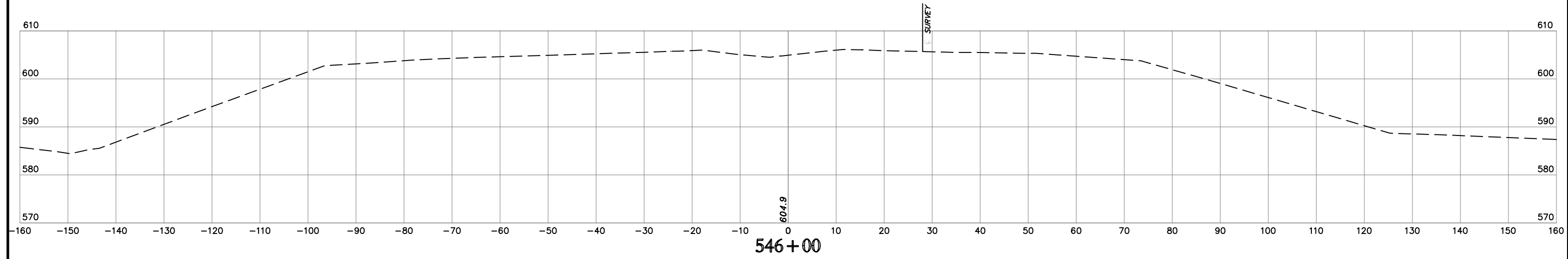


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML1


 H&B Engineering, Inc.
 1700 N. W. 10th St., Suite 100
 Oklahoma City, Oklahoma 73102
 File: 17092200_1203_Plan_Spec_HR050M17B
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HB E n s / n o o r s
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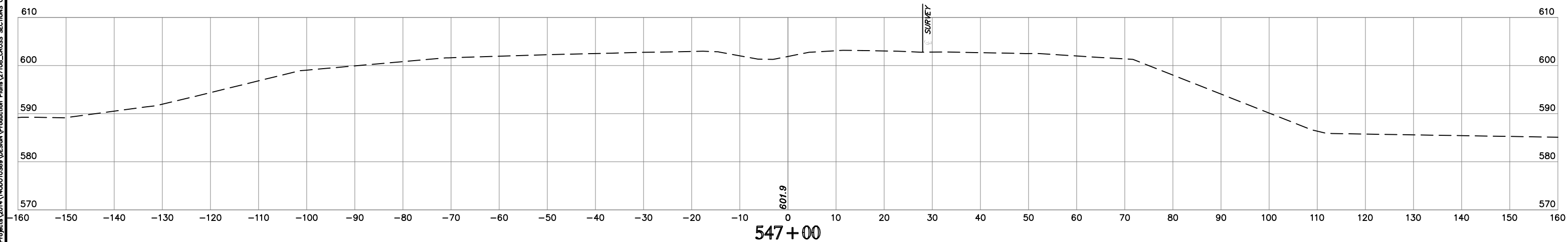
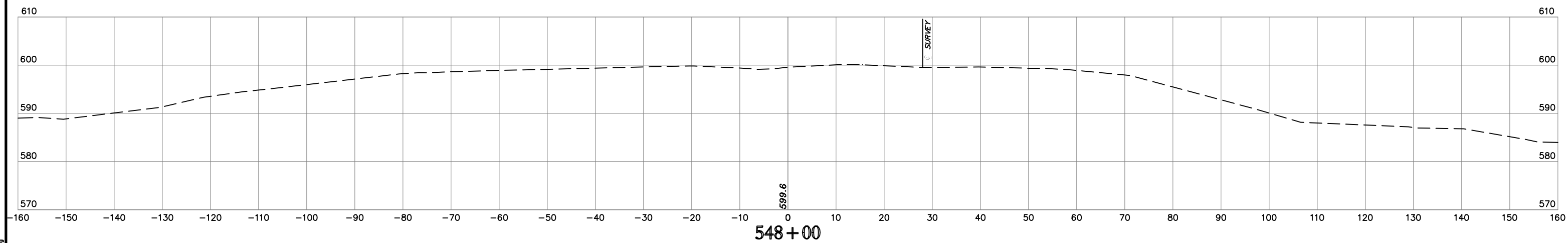
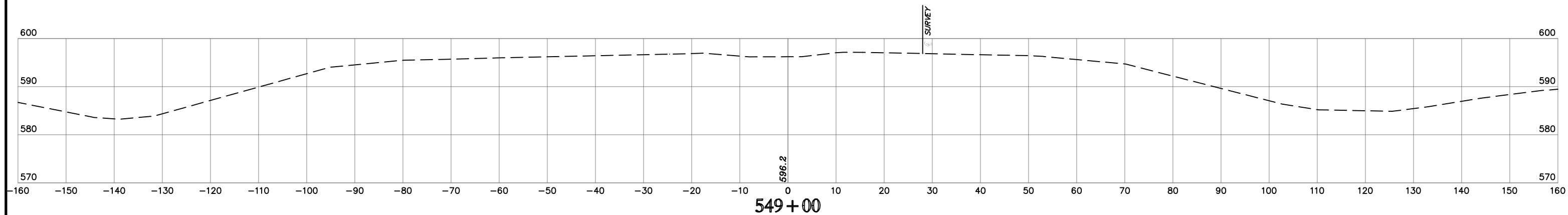
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML2

SUPPLEMENT NO.2
OPTION NO.2

JULY 2020



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

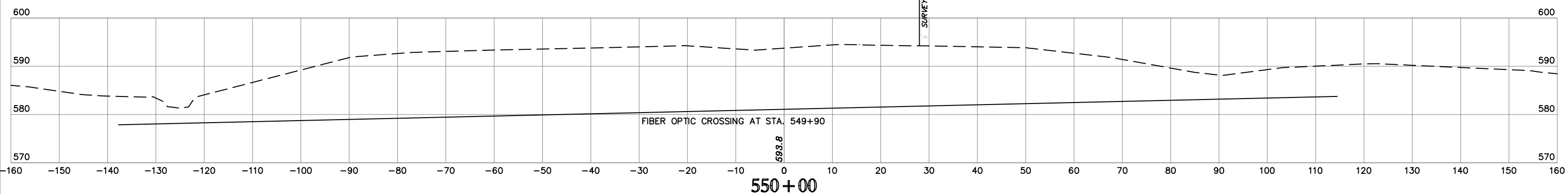
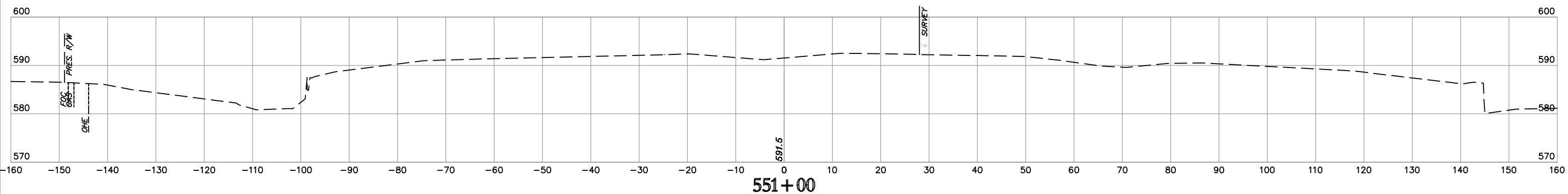
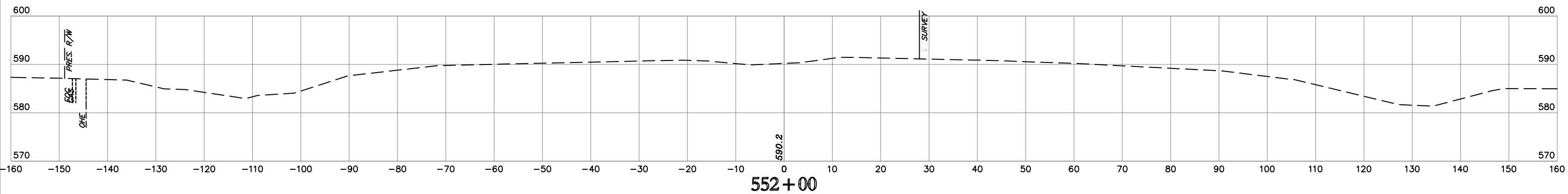
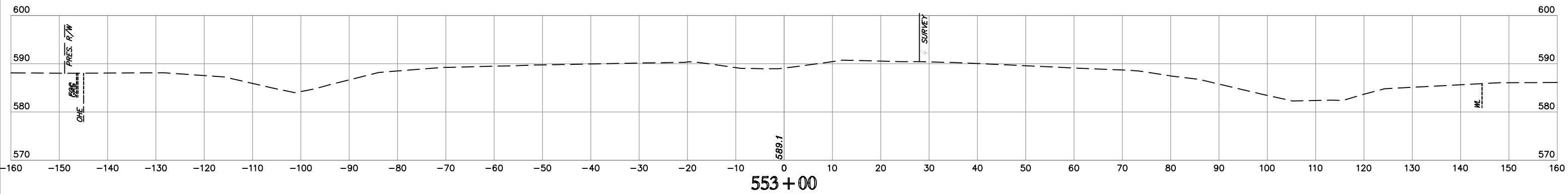
STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML3


 H&B Engineering, Inc.
 1775 N. 17th St., Suite 100
 Oklahoma City, Oklahoma 73106
 Phone: (405) 271-1111
 Fax: (405) 271-1112
 www.hbeng.com

SUPPLEMENT NO.2 OPTION NO.2

JULY 2020

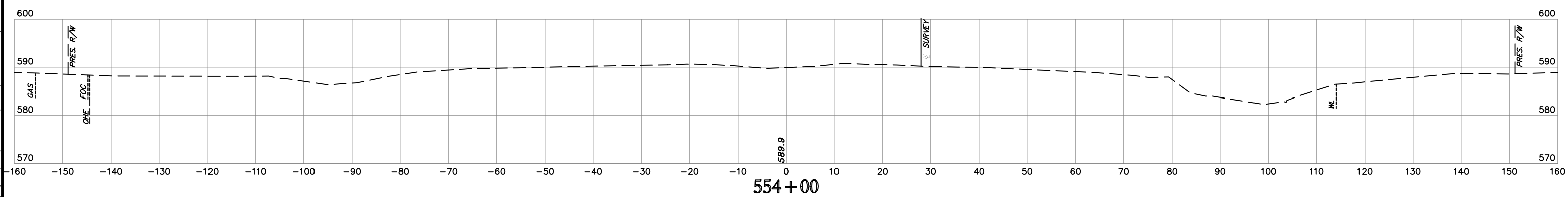
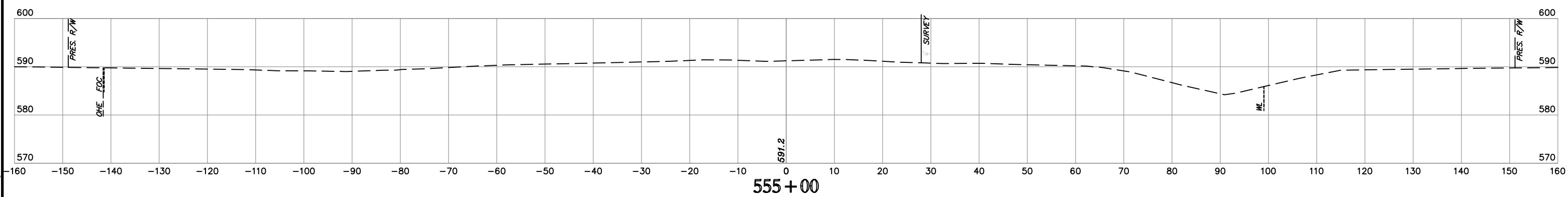
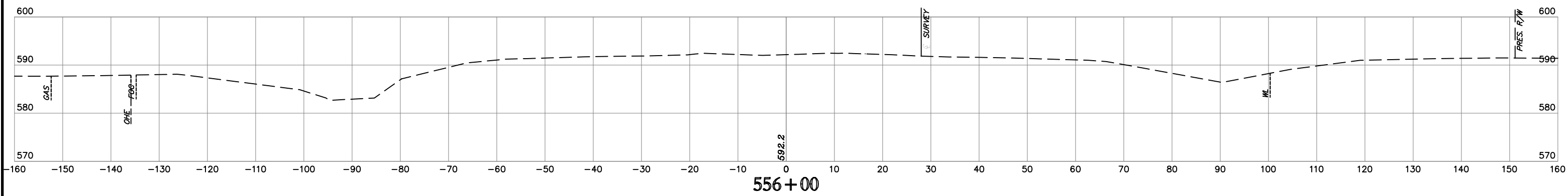
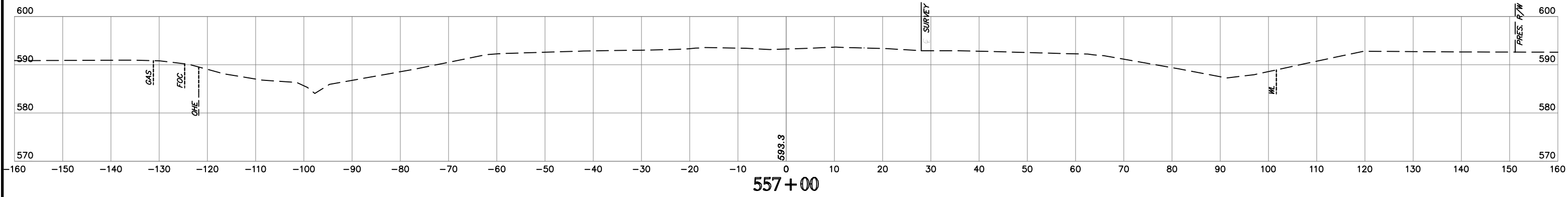


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML4

HB E:\p1\p...
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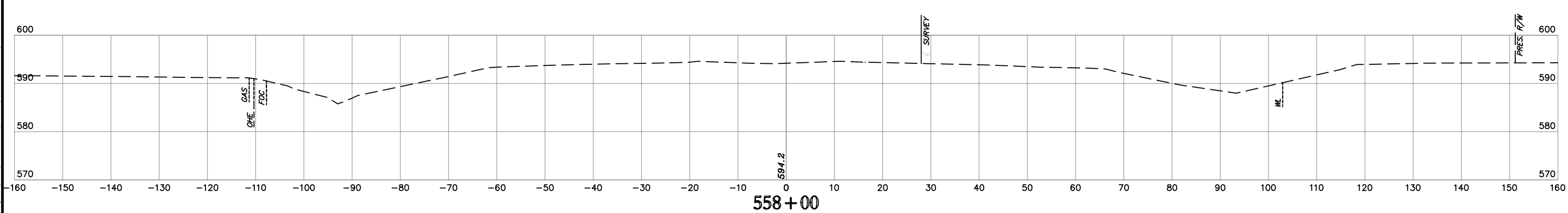
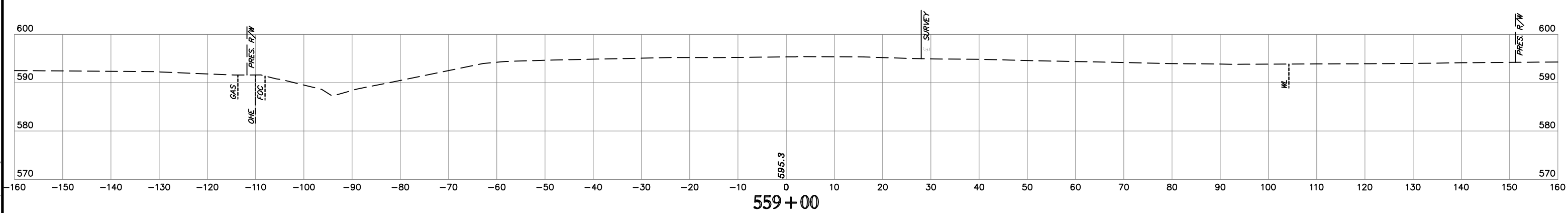
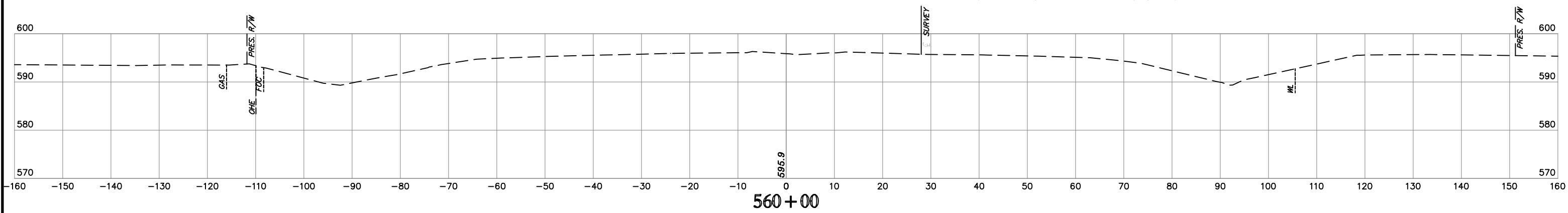
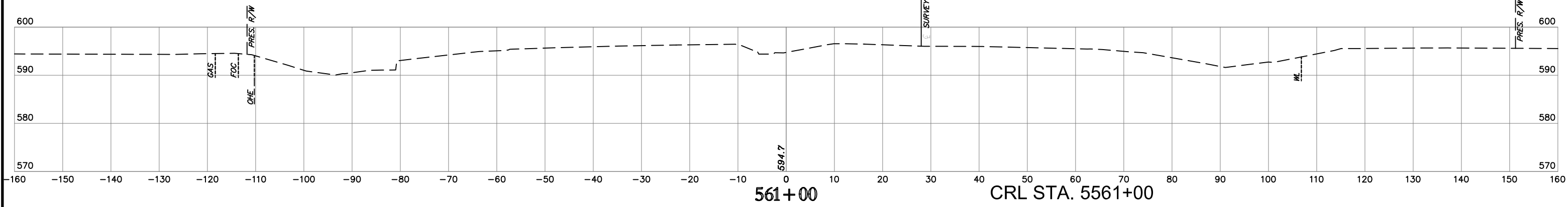


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML5

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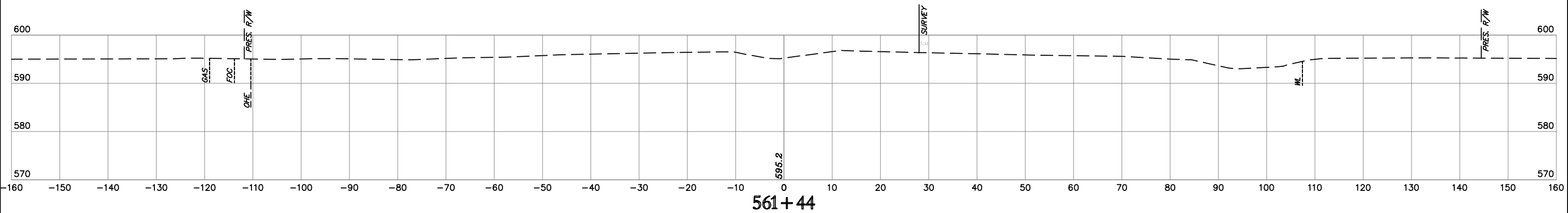
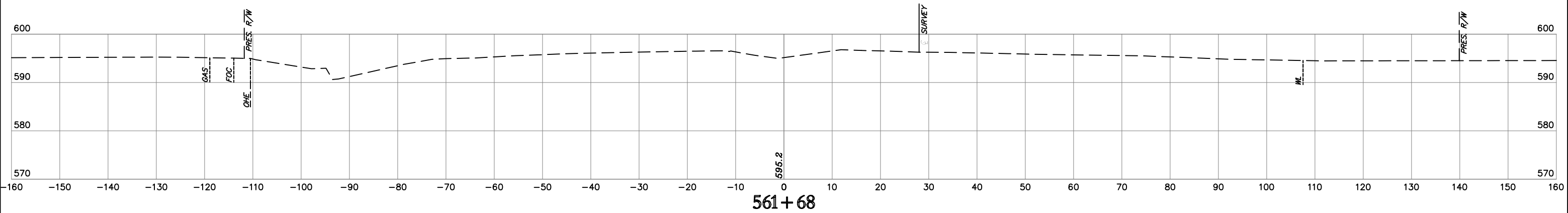
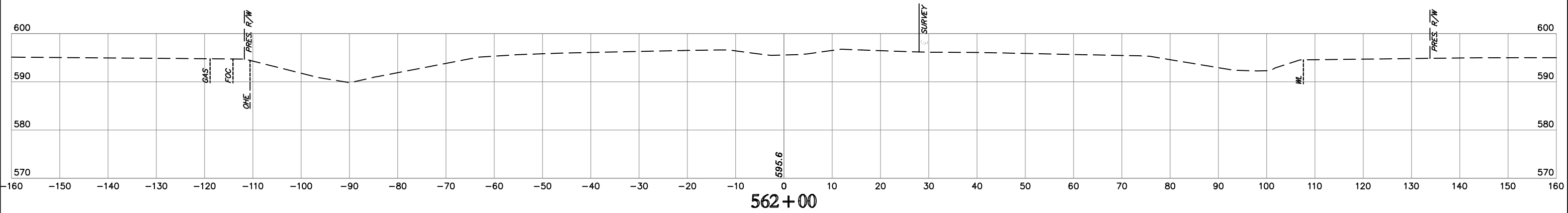
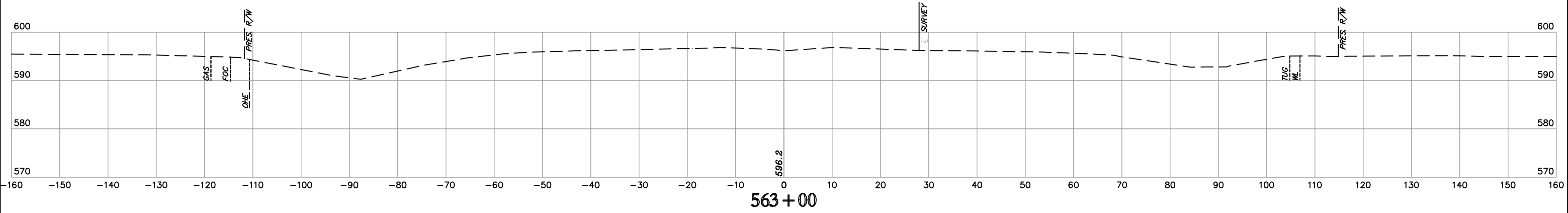


H:\B E n g i n e e r i n g \2020\1229 PM Pkt SHm - HPS05MCTB
Time of Plot: 7/29/2020 12:29 PM Pkt SHm - HPS05MCTB
I:\Projects\2020\1229 PM Pkt SHm - HPS05MCTB\Design\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML6



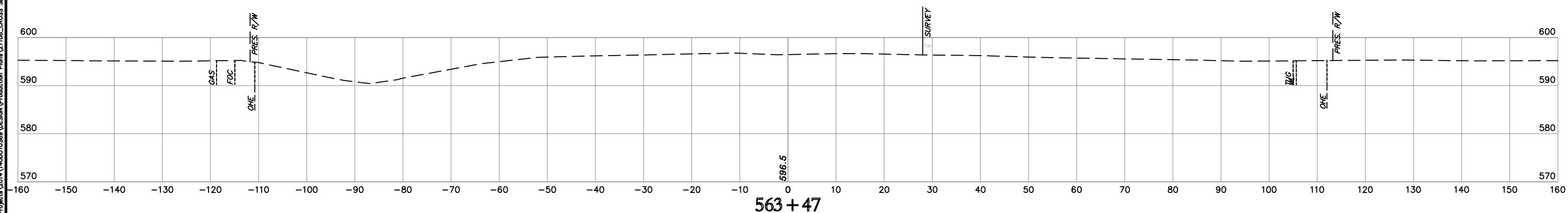
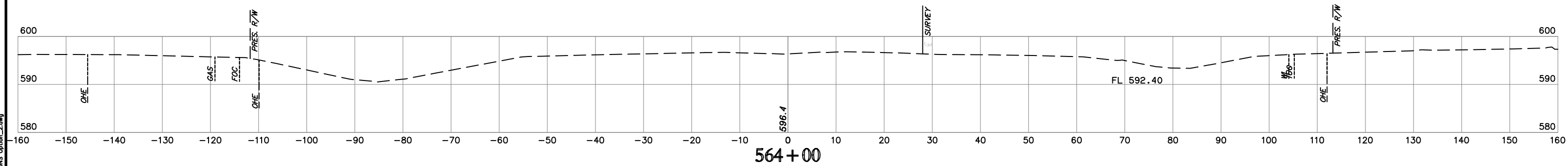
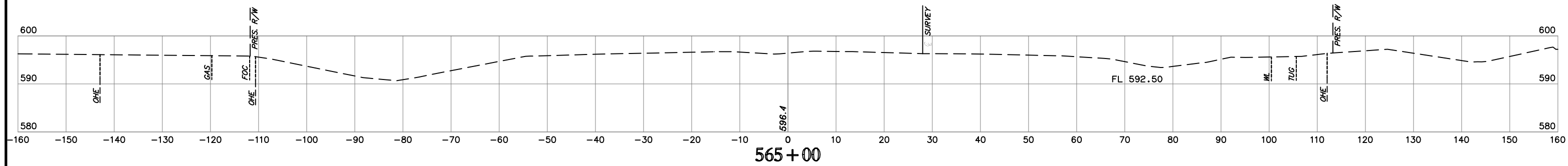
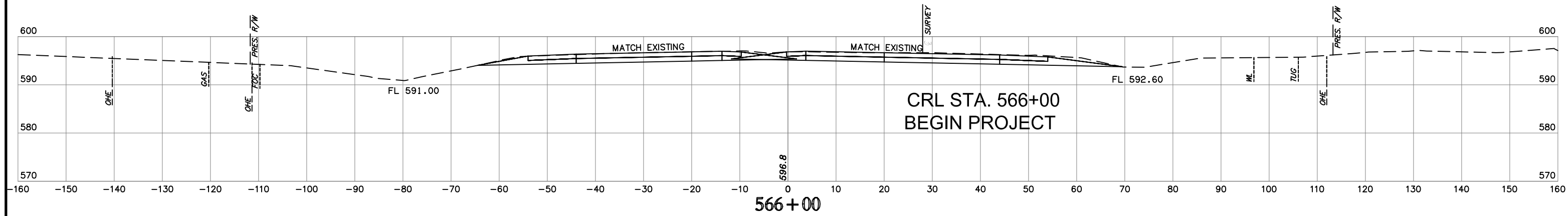
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 7\m of High 17\9\2020\12201 PM Proj S:\m_HF9650M72
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NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML7

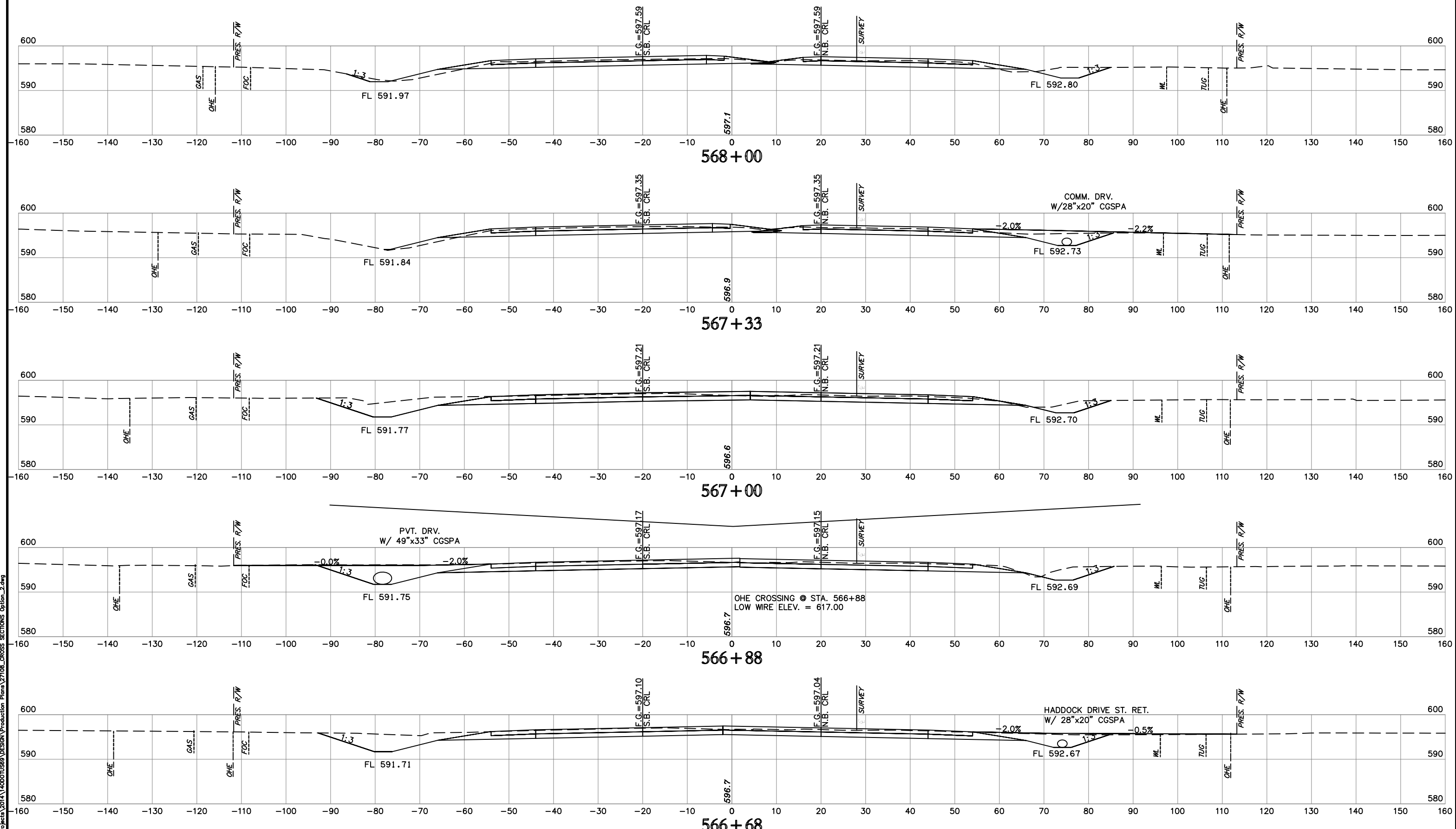


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML8

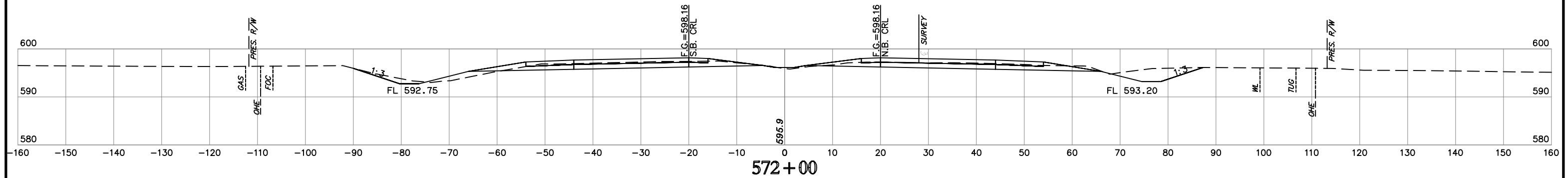

 H&B Engineering, Inc.
 1700 N. 17th Street, Suite 100
 Oklahoma City, Oklahoma 73104
 Phone: (405) 541-1100
 Fax: (405) 541-1101
 Email: info@hbeng.com
 Project: 27108(04) Design Production Plans 27108_CROSS SECTIONS Option 2.dwg



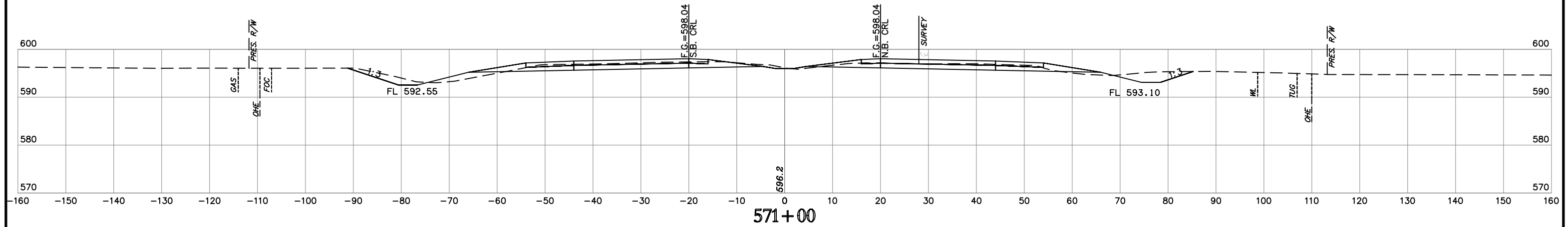
H&B E n g i n e e r s P l c
1700 S. Peachtree St. N. W. Atlanta, GA 30309
770-412-6200 Fax 770-412-6201
www.h&b-engineers.com
12: Projects\2019\27108\122801\002 - U.S. HWY 69 - Haddock Drive St. Ret. - Production Plans\27108_CROSS SECTIONS Option_2.dwg

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

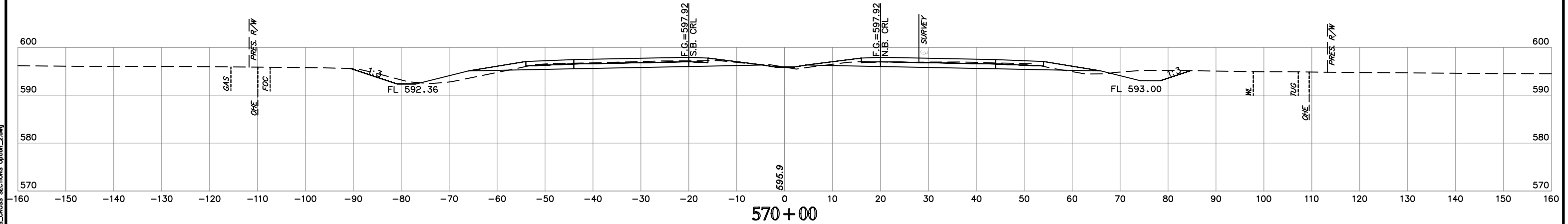
STATE JOB NO.	27108(04)
U.S. HWY. 69	MUSKOGEE COUNTY
	SHEET NO. XML9



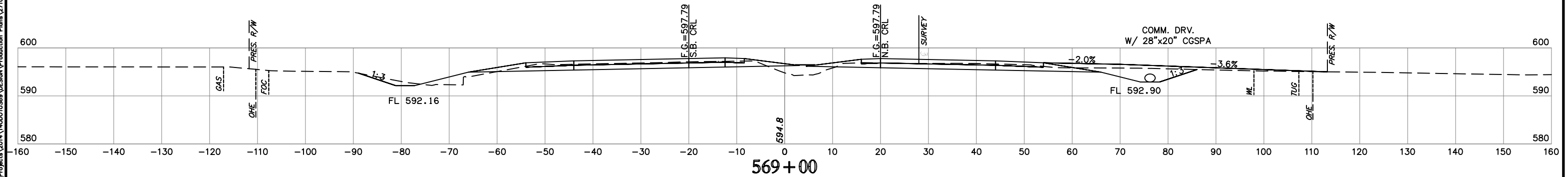
572+00



571+00



570+00



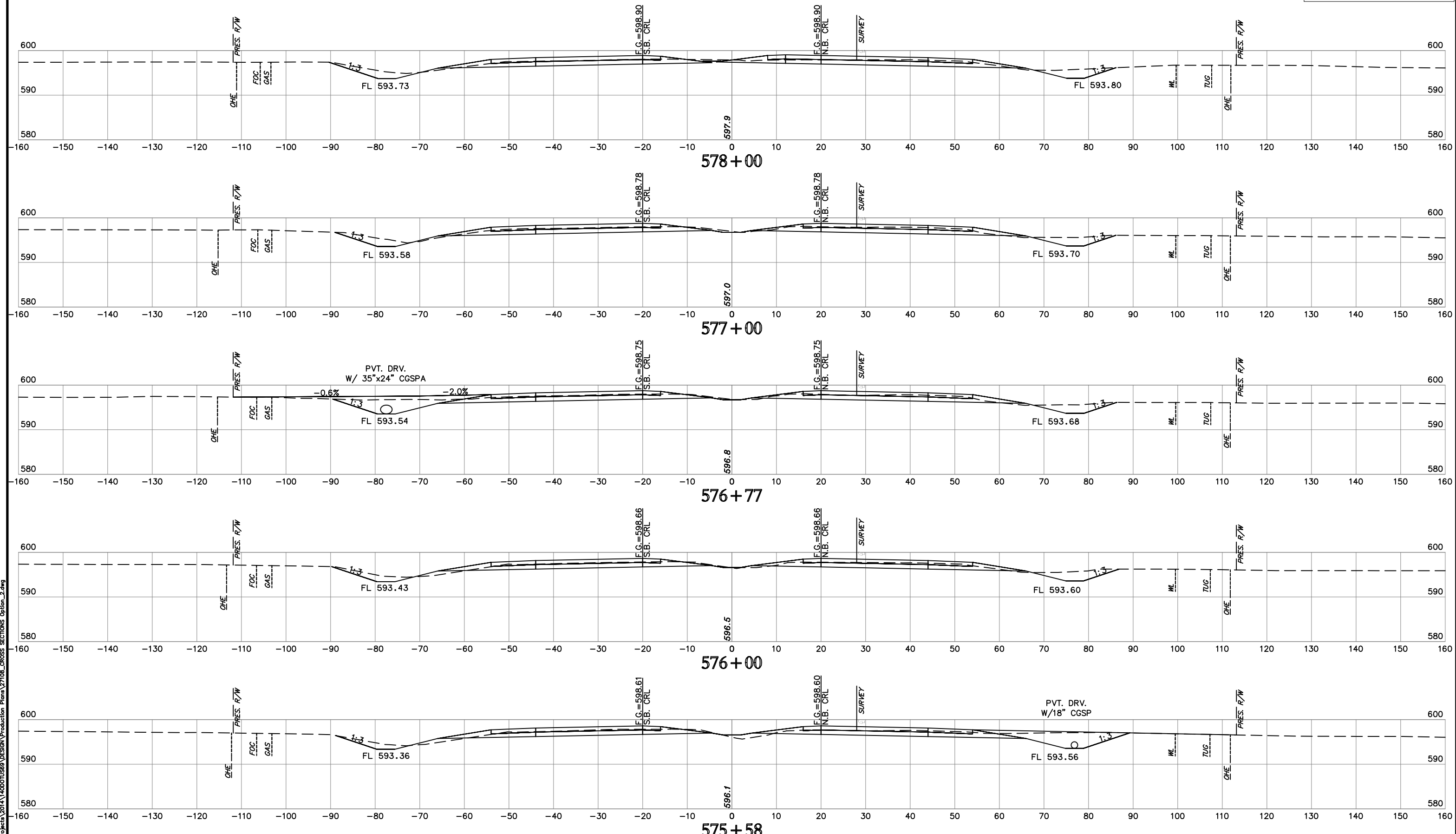
569+00

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML10

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Project: 27108(04) Design Production Plans\27108_CROSS SECTIONS Option_2.dwg

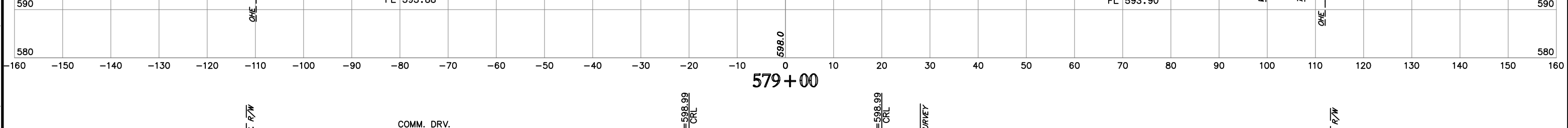
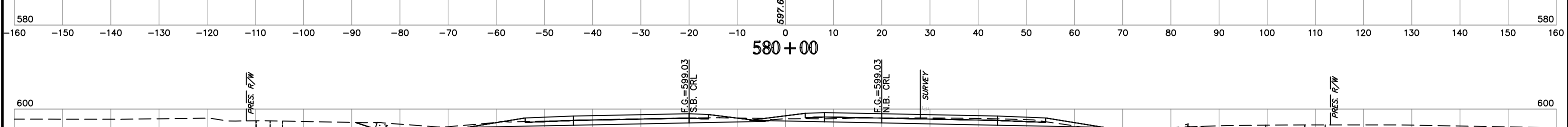
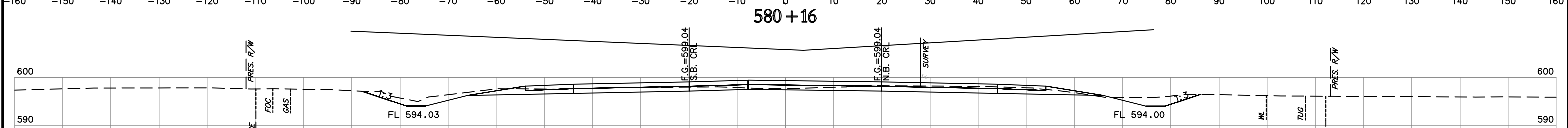
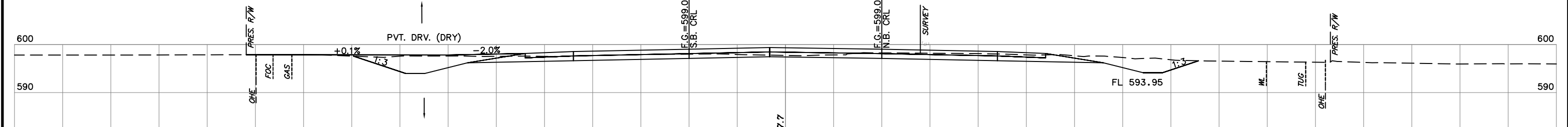
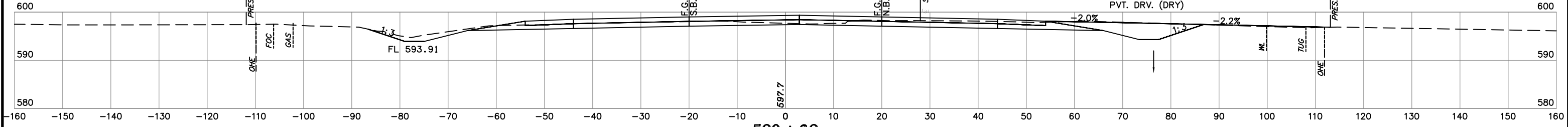


12/23 PM 12:23 PM
17/9/2020
C:\Projects\2014\140001059\DESIGN\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

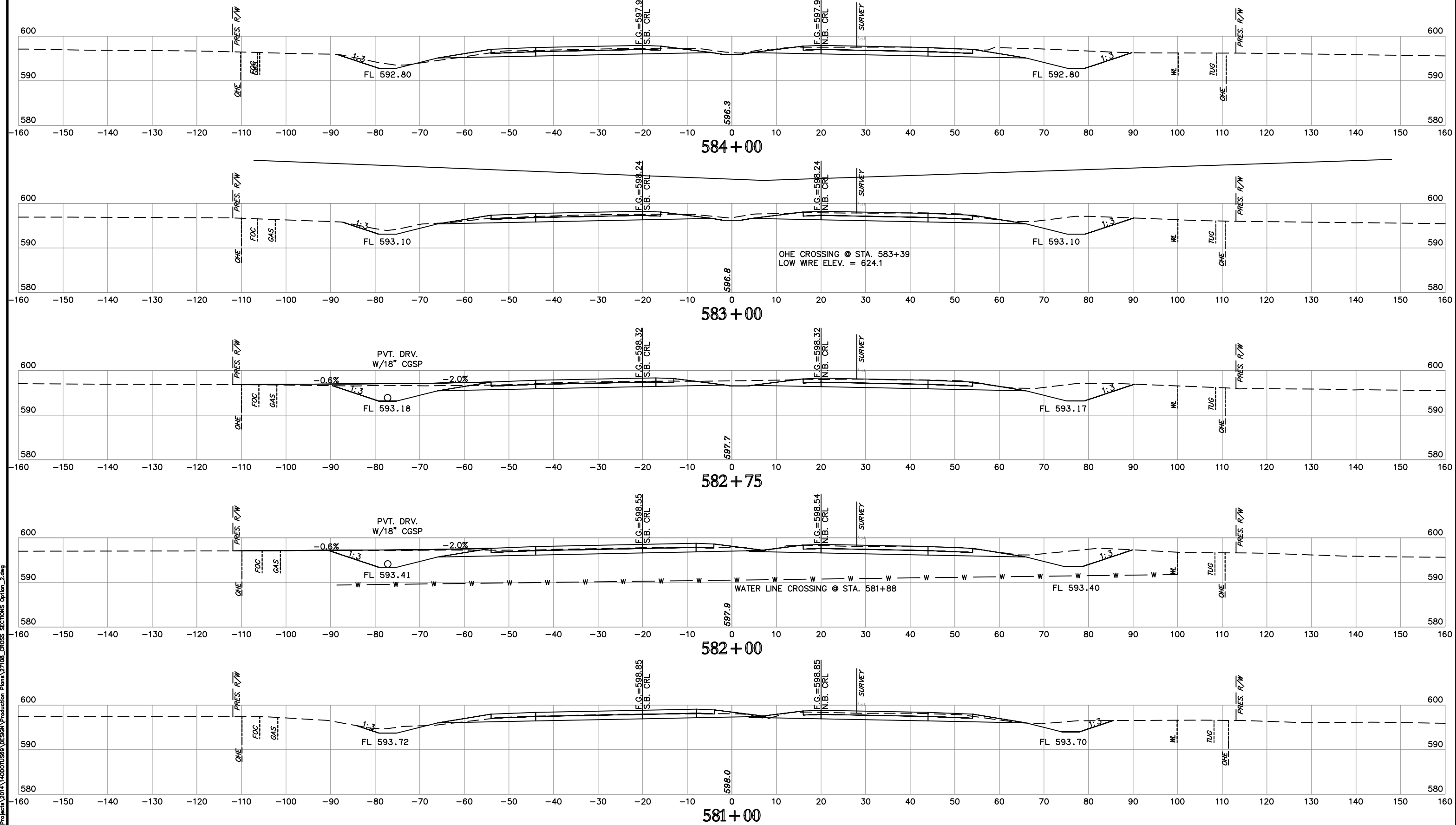
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML12



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

H:\E n s i n g \p r o j e c t s \0 2 2 3 P M P o r S y s \H 9 6 5 0 1 2 1 8
 Time of Plot: 7/29/2020 12:23 PM
 Job: I:\Projects\0223 PM P or Sys\H96501218\DESIGN\Production\Plan\27108_CROSS_SECTIONS Option 2.dwg



OHE CROSSING @ STA. 583+39
LOW WIRE ELEV. = 624.1

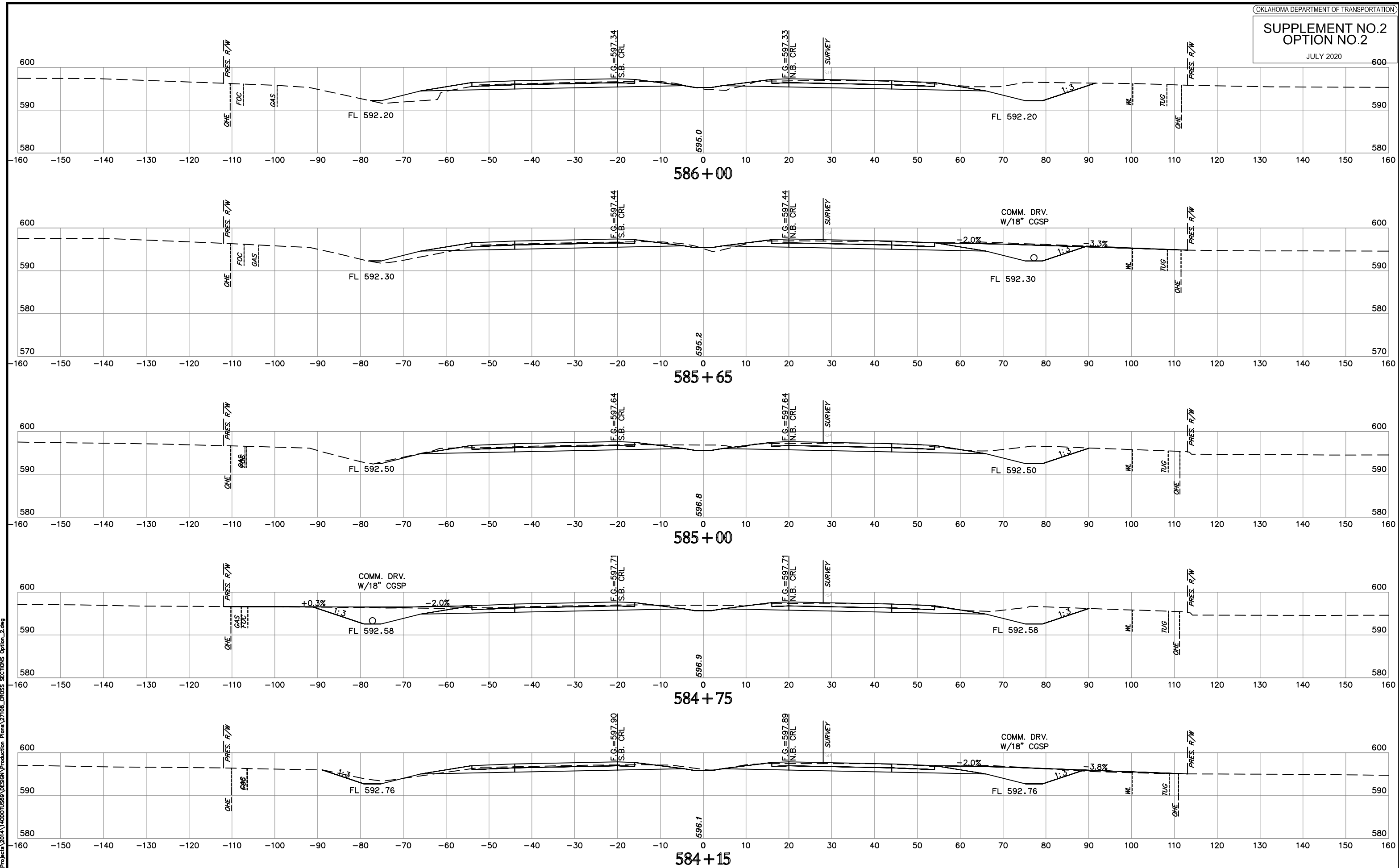
WATER LINE CROSSING @ STA. 581+88

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML14

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Time of Plot: 7/9/2020 12:23 PM
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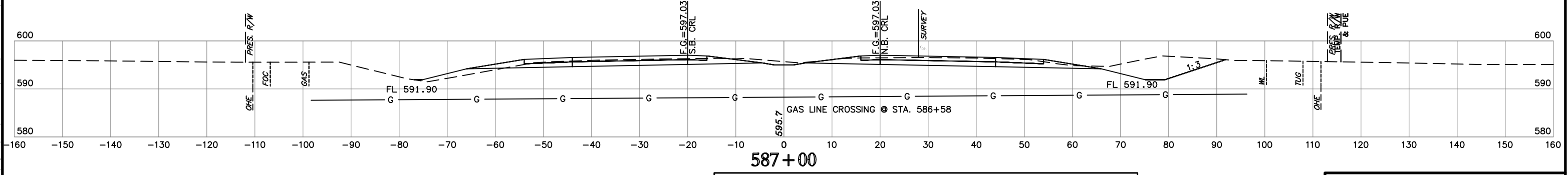
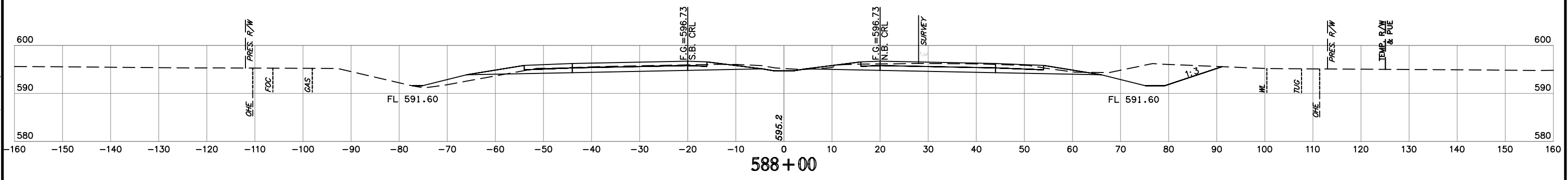
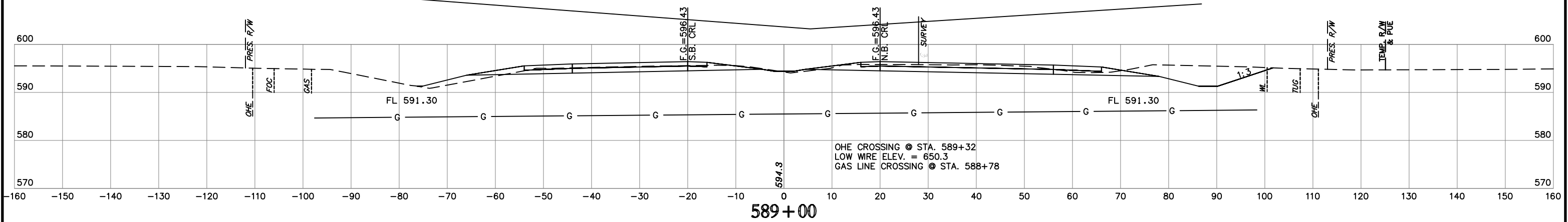
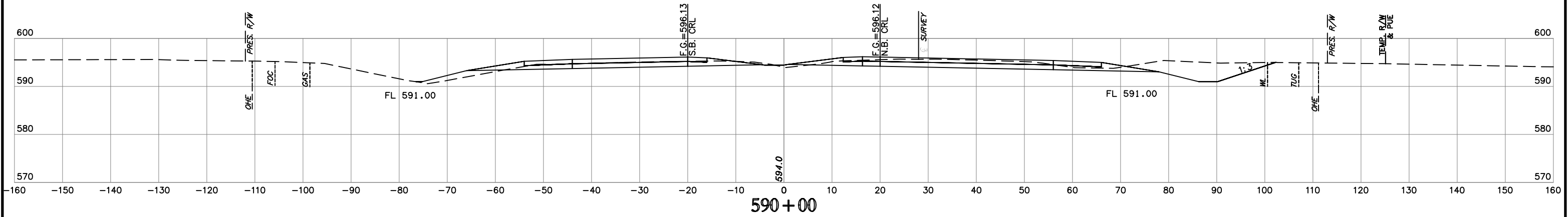


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Time of Plot: 7/9/2020 12:00:00 PM
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NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML15

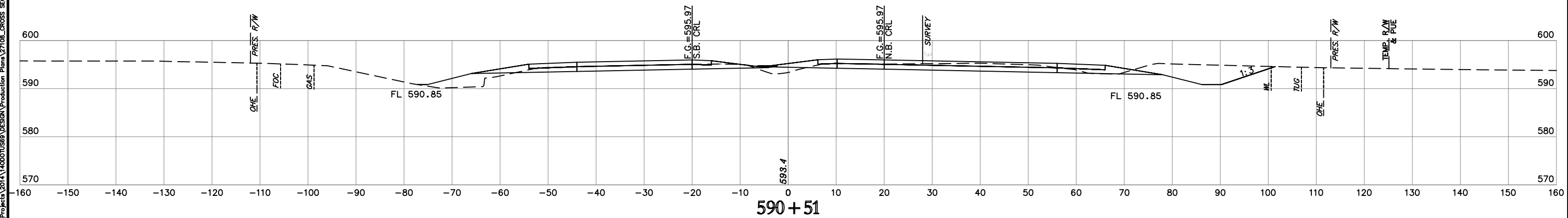
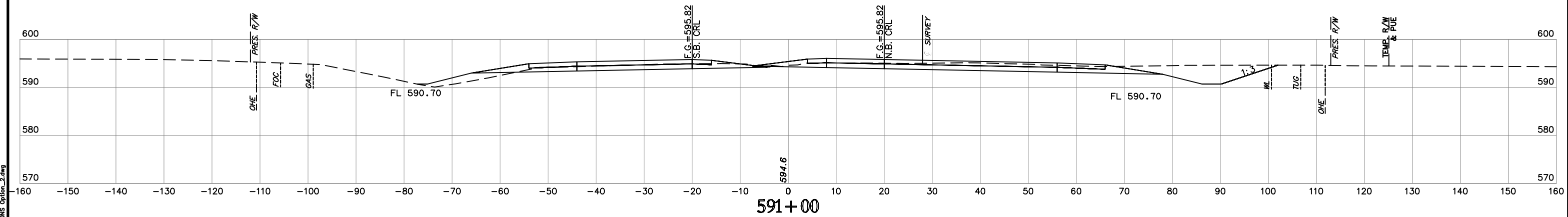
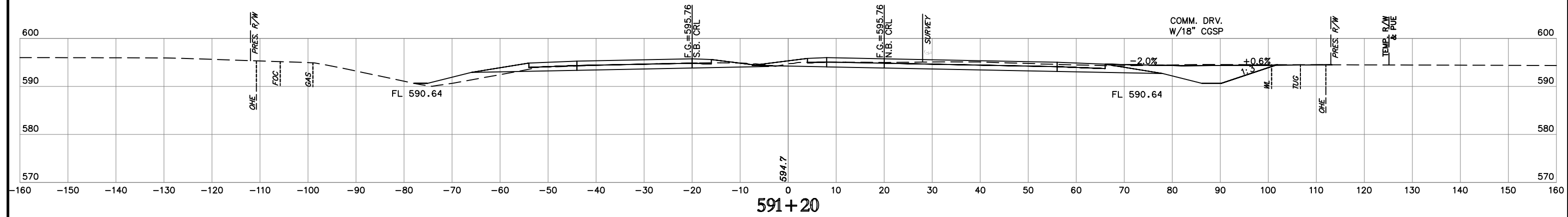
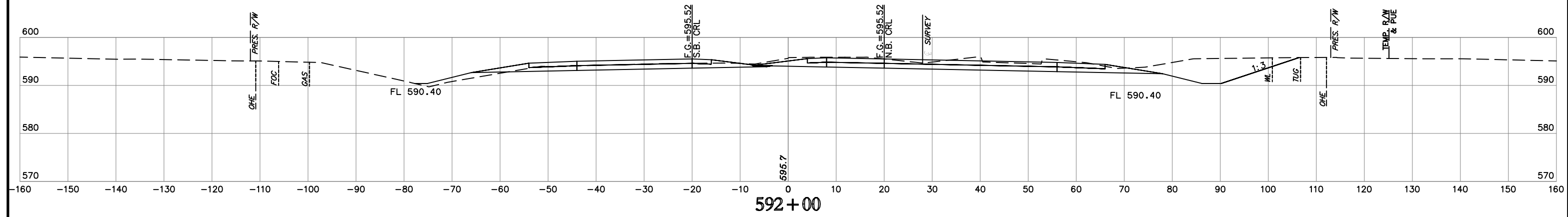


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML16

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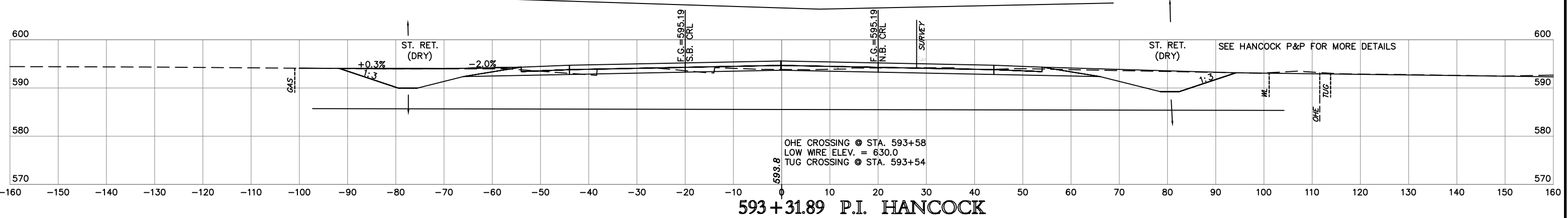
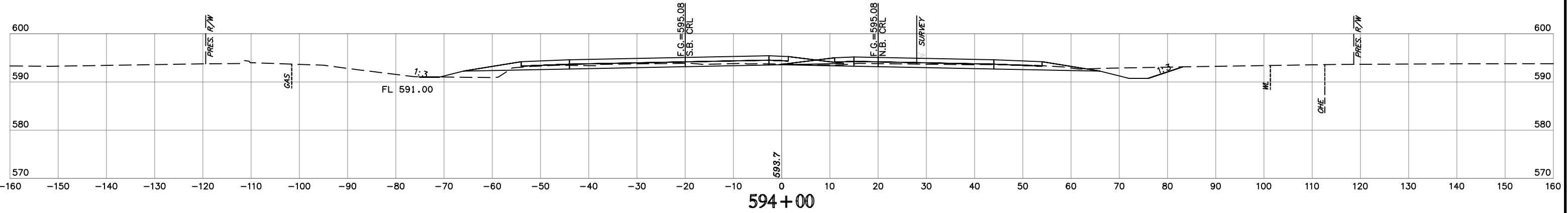
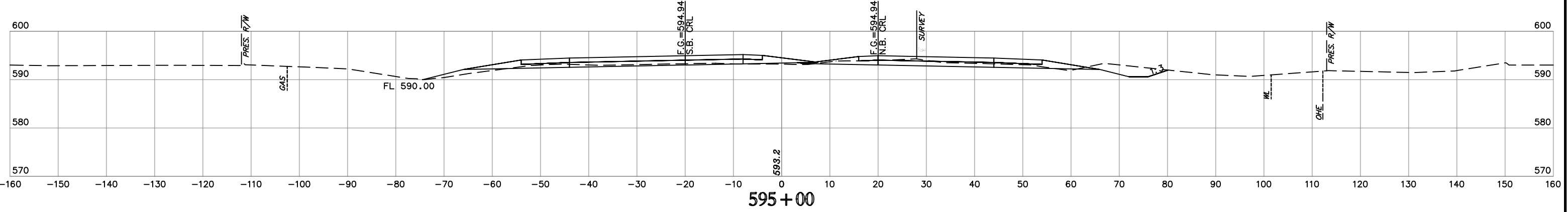


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

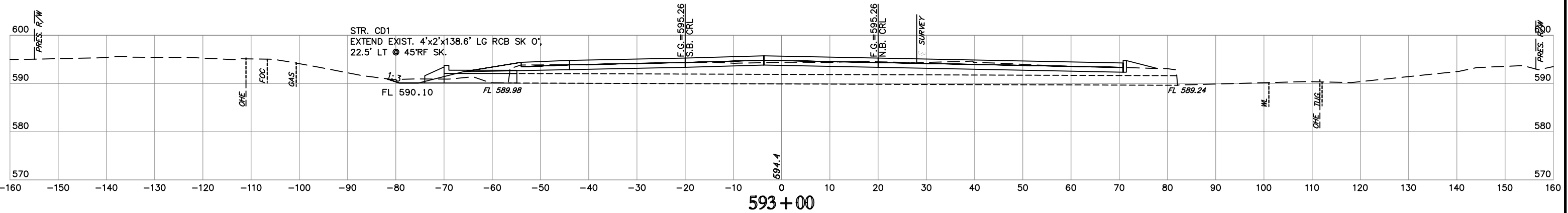
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML17

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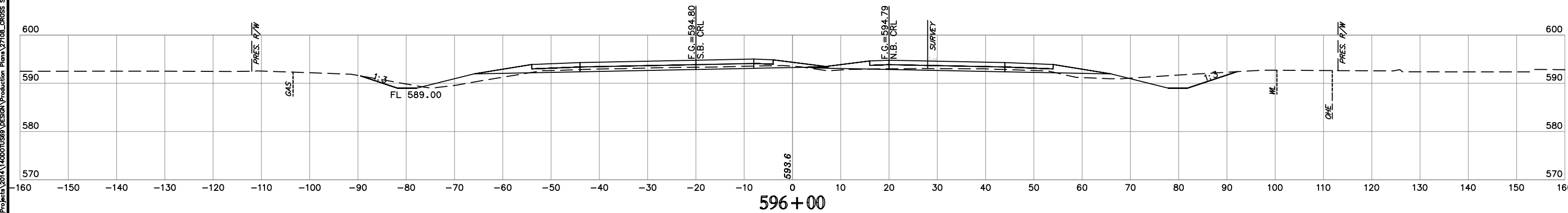
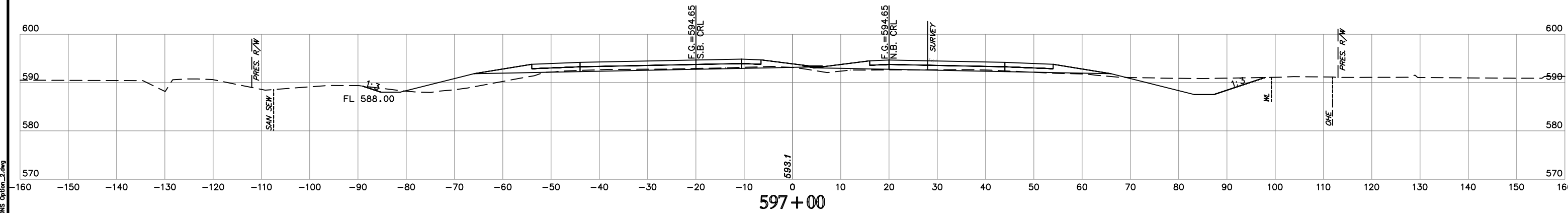
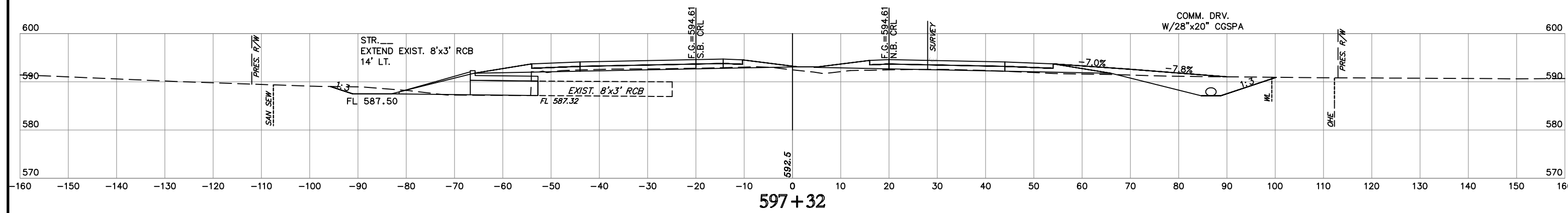
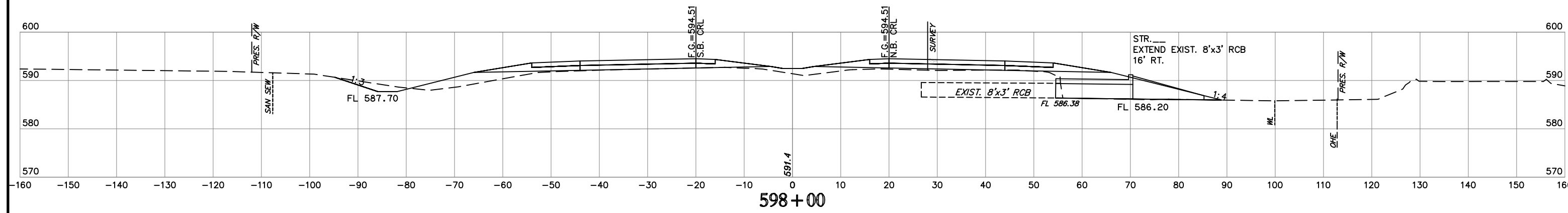


OHE CROSSING @ STA. 593+58
 LOW WIRE ELEV. = 630.0
 TUG CROSSING @ STA. 593+54



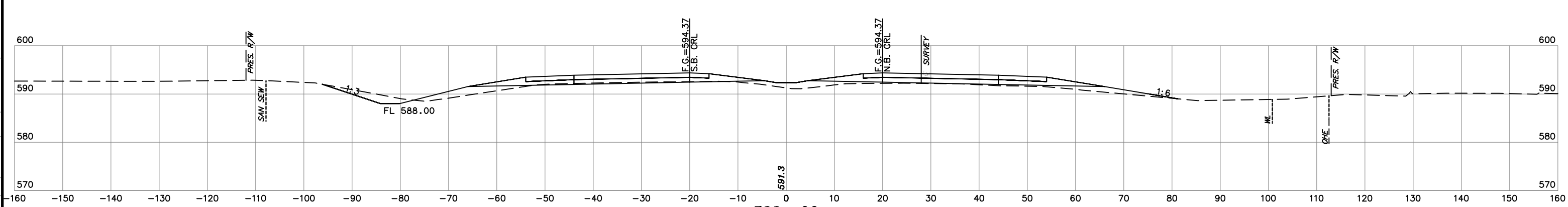
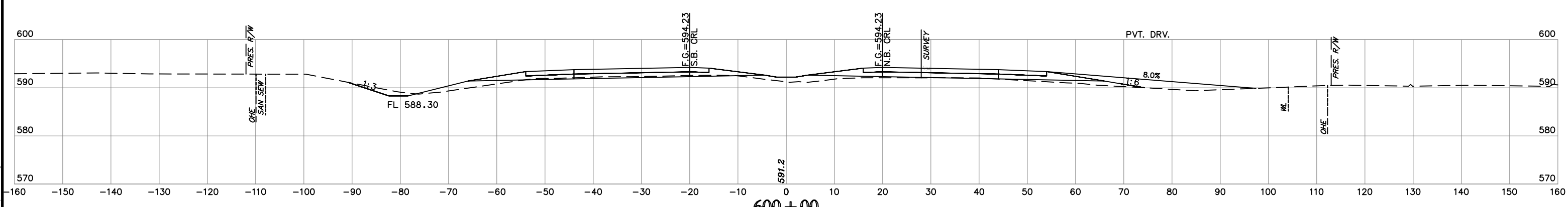
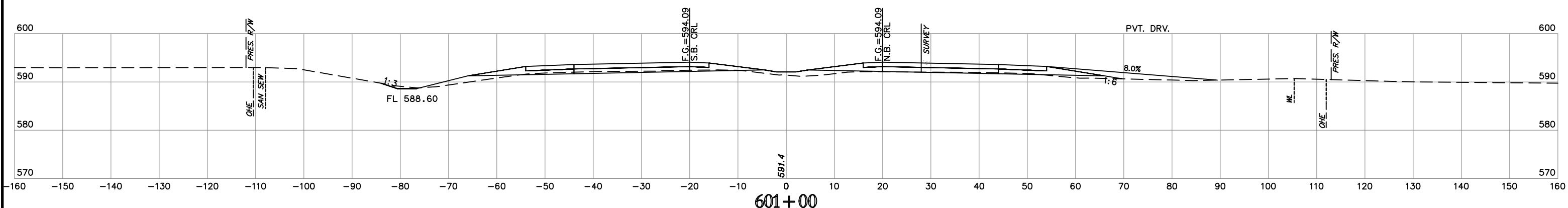
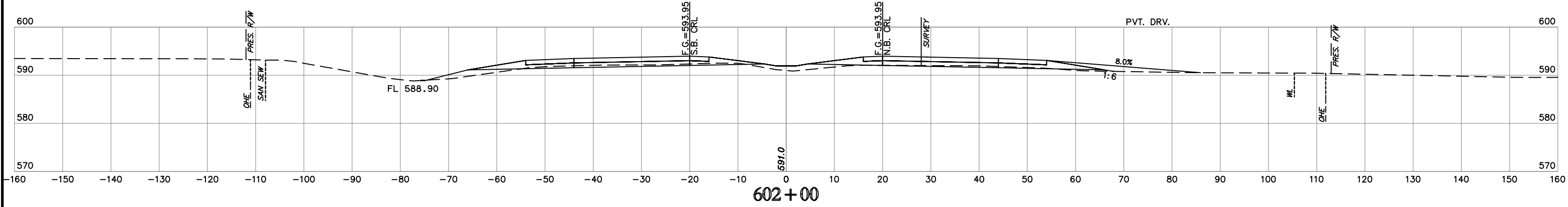
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
 DEPTH OF UTILITIES IS UNKNOWN.

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 Title of Proj: 17/9/2020 1225 PM Rev Site HANCOCK.DWG
 Project: 27108(04) 27108(04) DESIGN Production Plans 27108_CROSS SECTIONS Option_2.dwg



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

10
11/19/2020 12:25 PM Proj: State Highway 69
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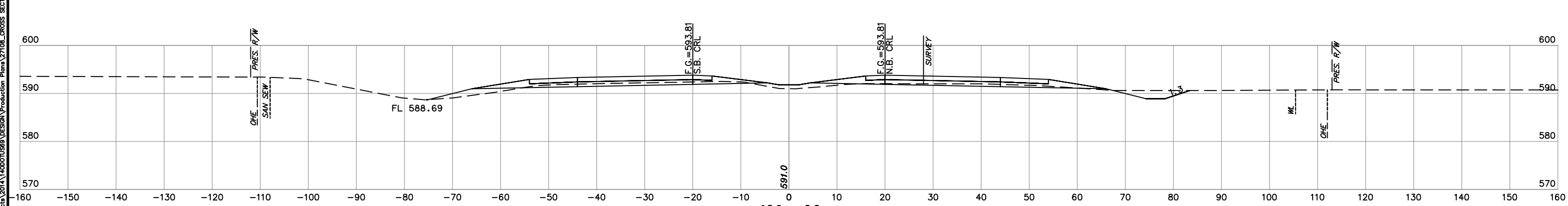
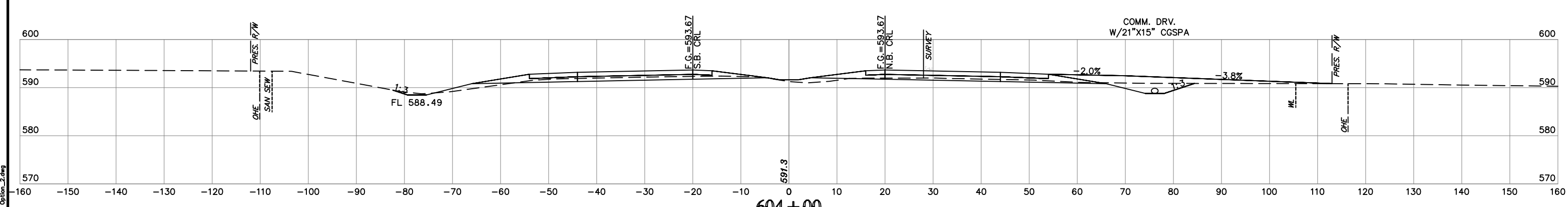
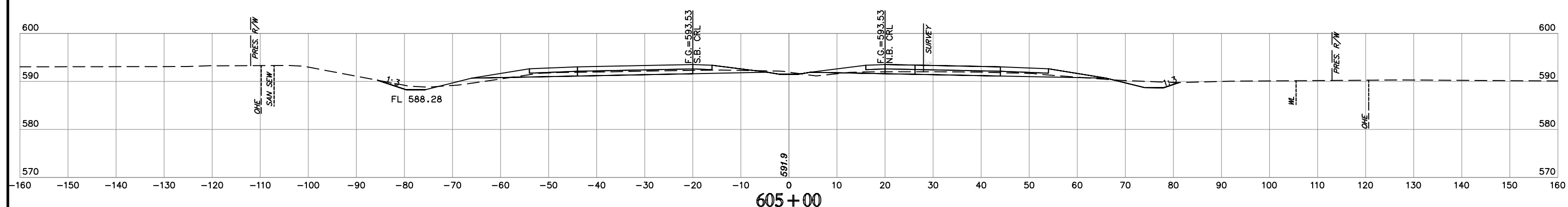
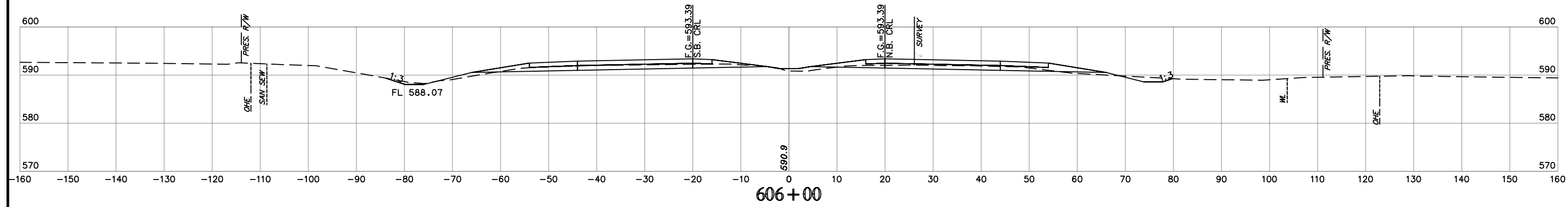


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML20

H:\E\2020\1225 PM Proj S\16 H9650N\27108_CROSS SECTIONS Option_2.dwg
17/9/2020 12:25 PM Proj S\16 H9650N\27108_CROSS SECTIONS Option_2.dwg
12:25 PM Proj S\16 H9650N\27108_CROSS SECTIONS Option_2.dwg

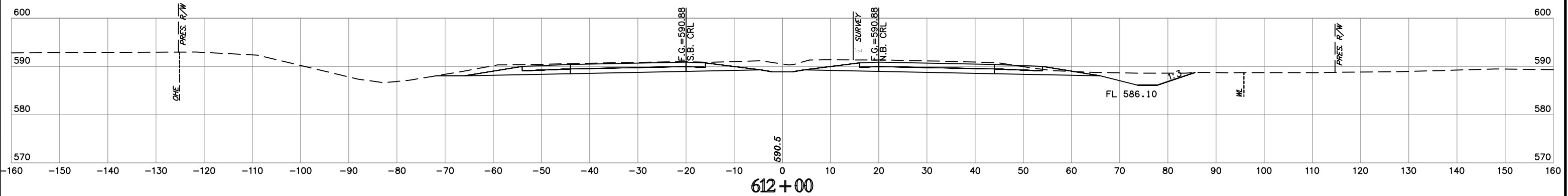
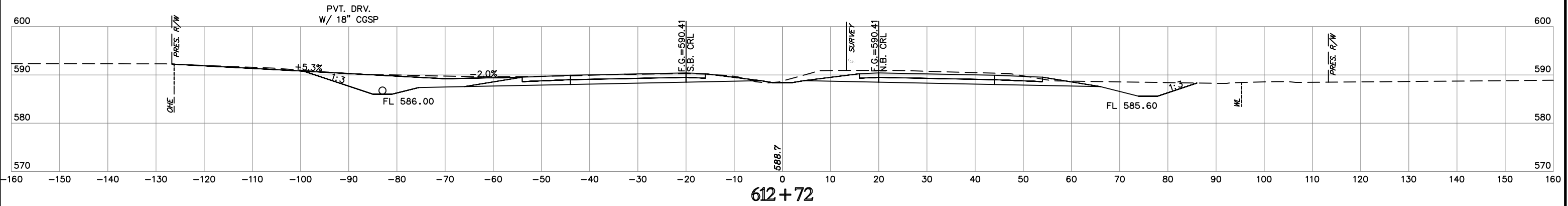
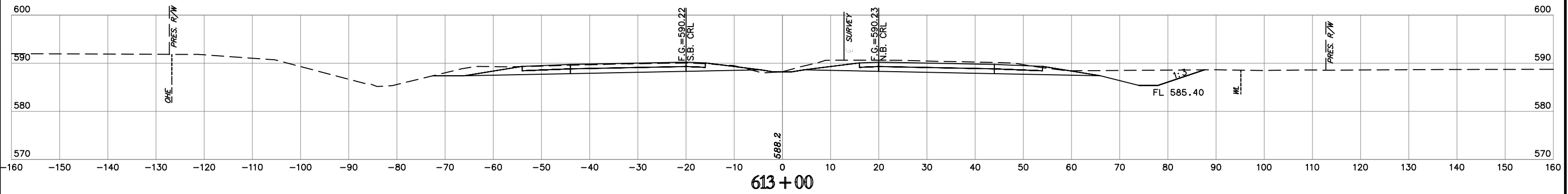
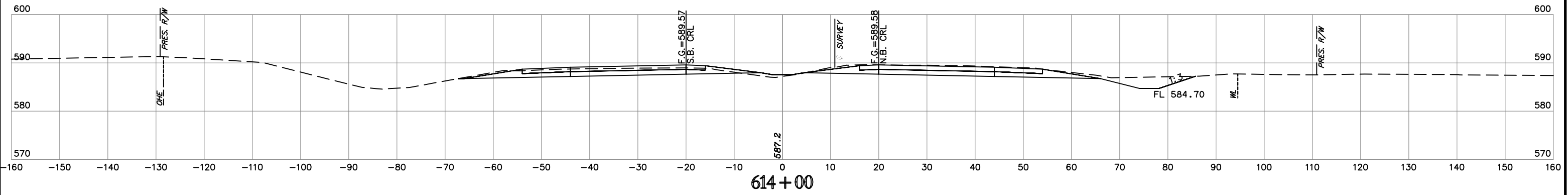


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML21

H:\E\p\179\2108\1206 PM Plr S\H:\PROJECTS\27108\DESIGN\PRODUCTION\PLANS\27108_CROSS_SECTIONS_OPTION_2.dwg



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

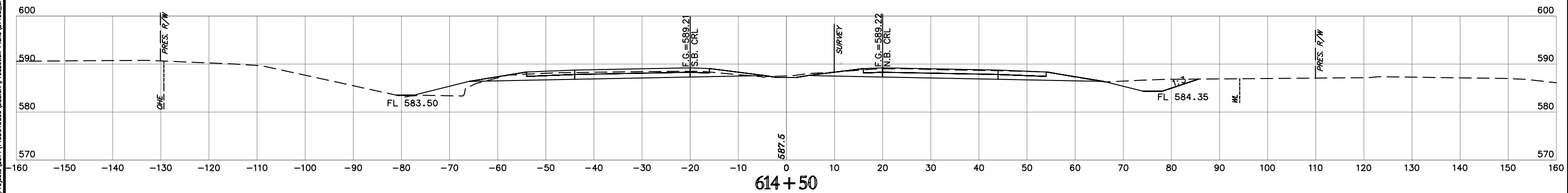
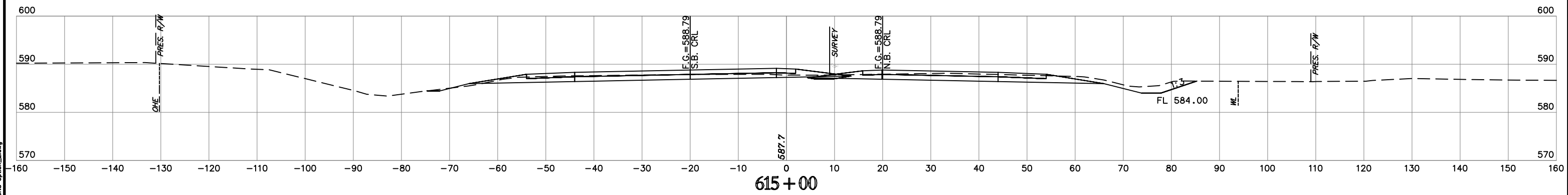
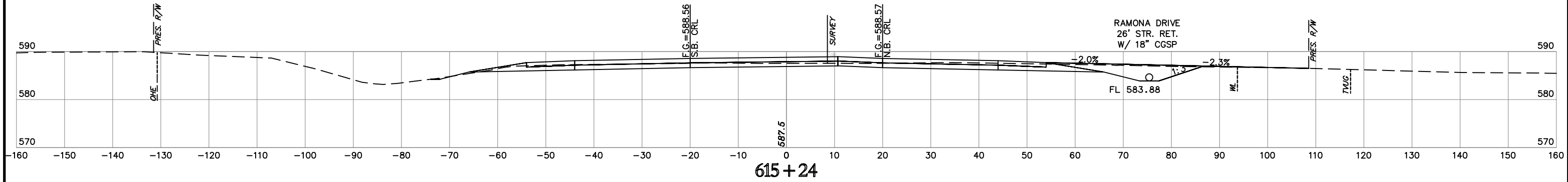
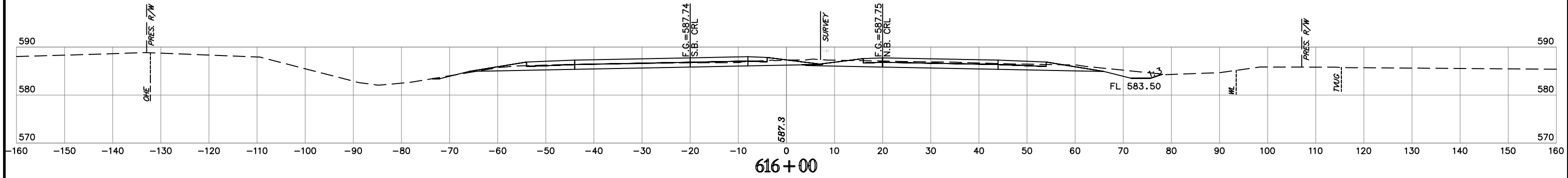
U.S. HWY. 69

STATE JOB NO. 27108(04)

MUSKOGEE COUNTY

SHEET NO. XML24

H:\B E n s i n g e r s . s e r v i s e s \1227 PM Proj Syste H\PROJECTS\27108\DESIGN\Production\Plan\27108_CROSS SECTIONS Option 2.dwg



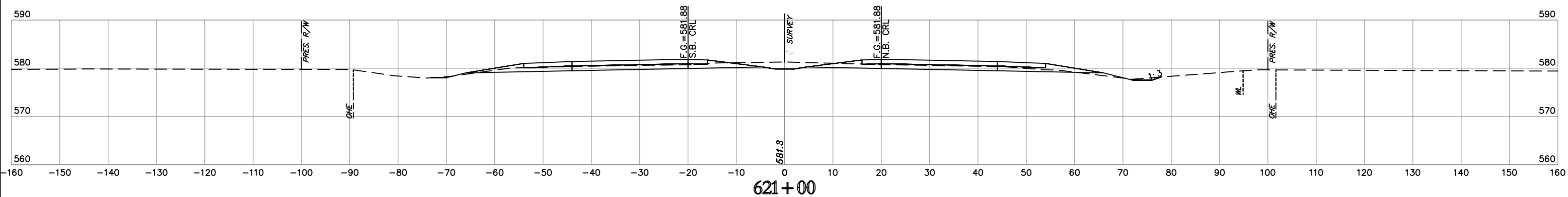
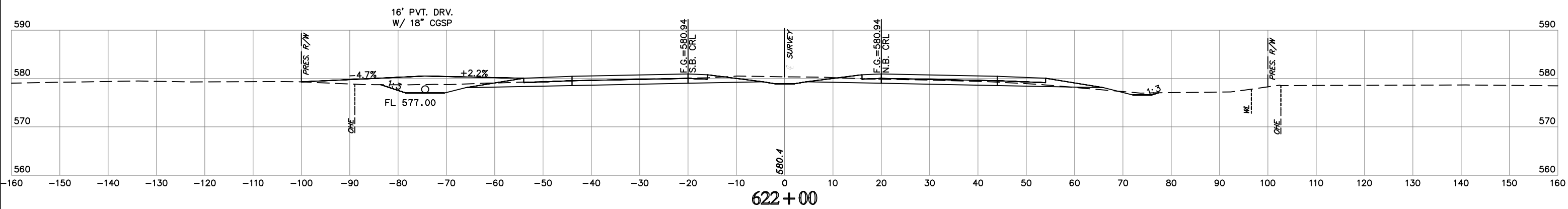
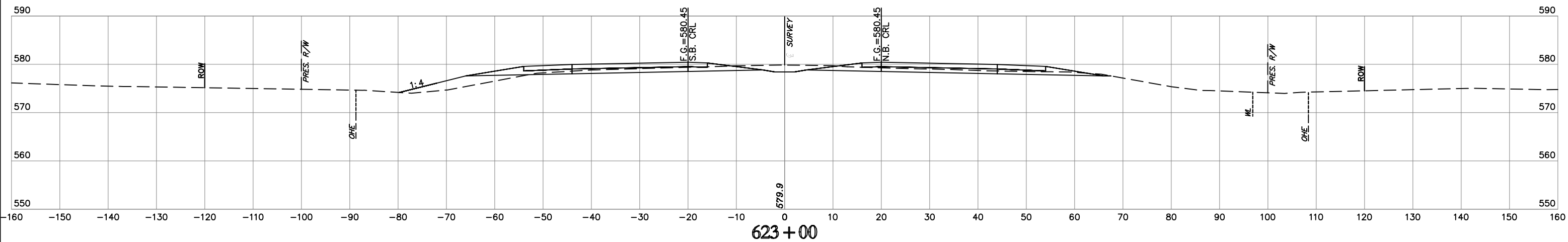
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML25

12:28 PM 7/30/2020
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User: hrb



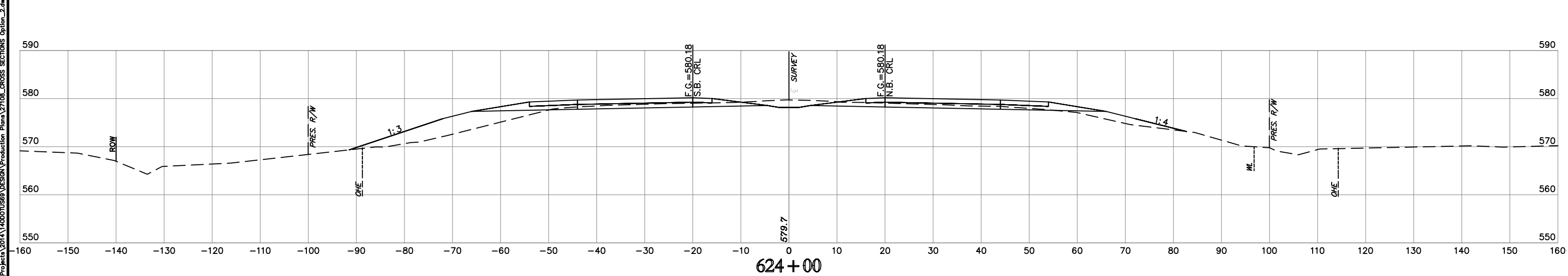
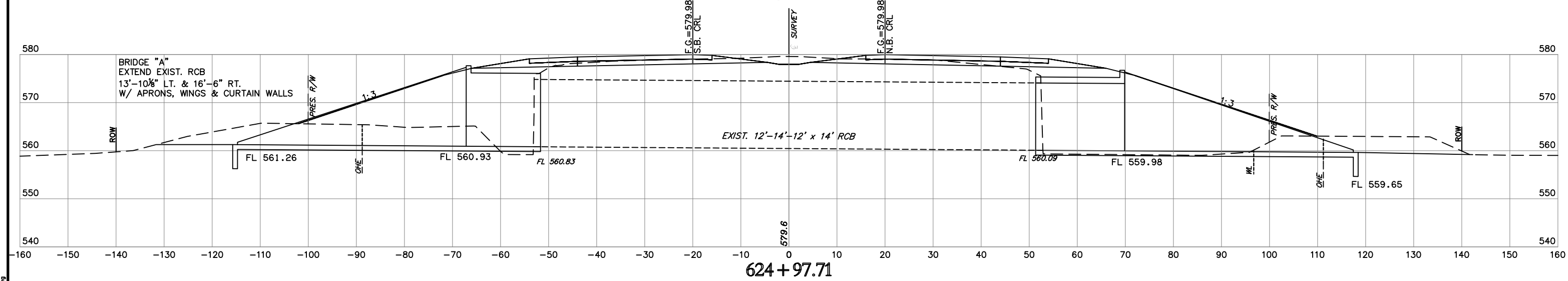
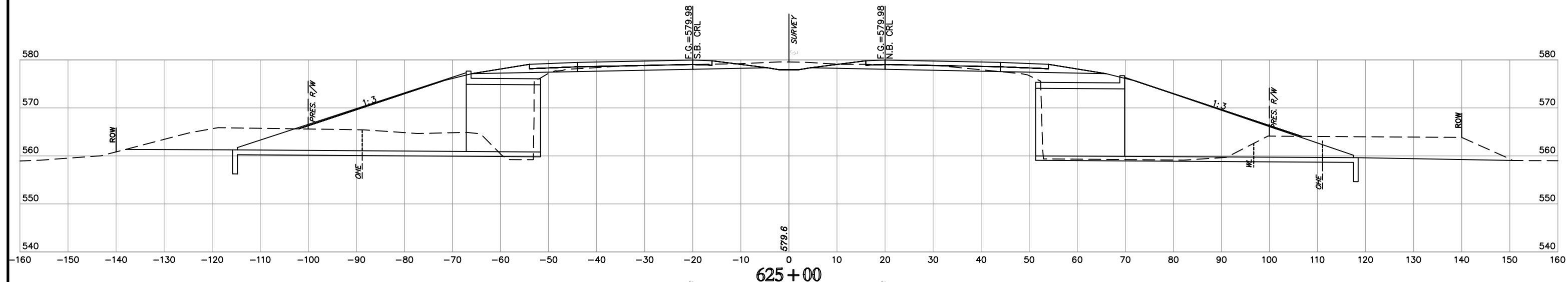
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML27


 H&B Engineering, Inc. 1229 PM, 7/9/2020
 1793/2020
 12: Projects\2014\140010589\Design\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

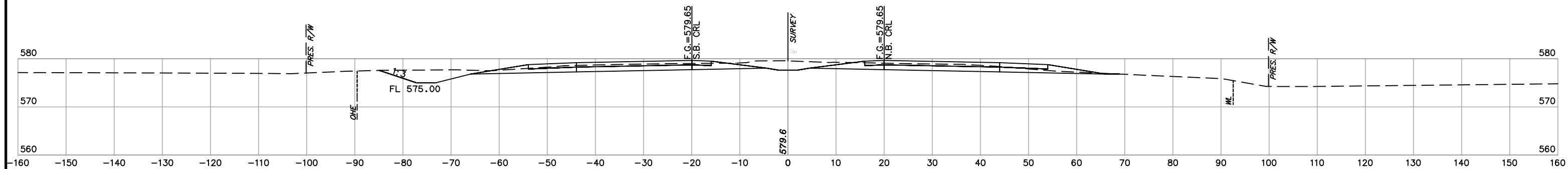


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

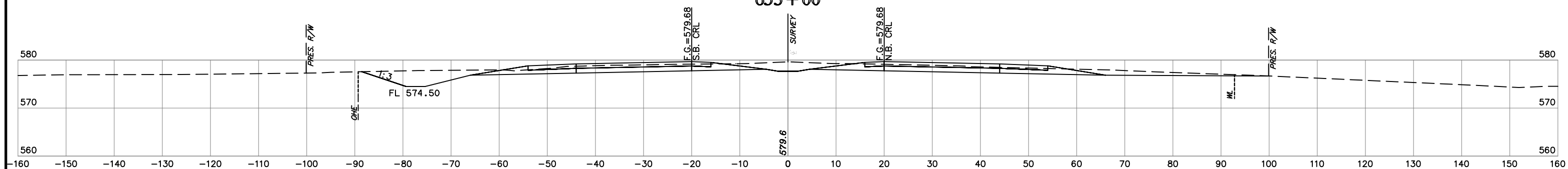
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML28

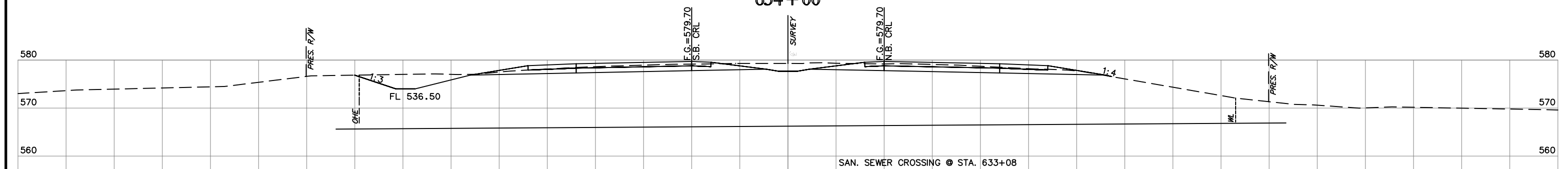
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635+00

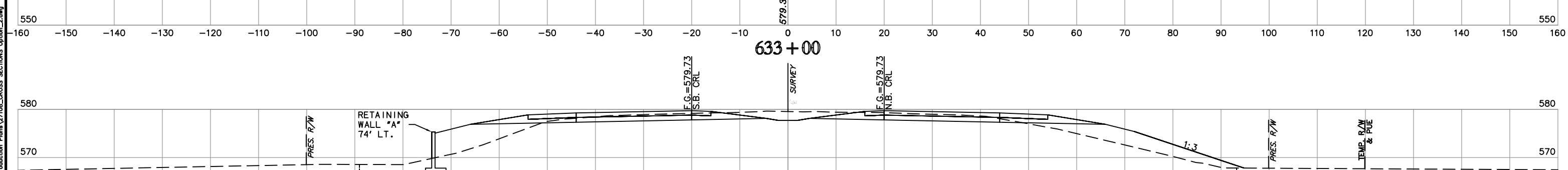


634+00



SAN. SEWER CROSSING @ STA. 633+08

633+00



RETAINING WALL "A"
74' LT.

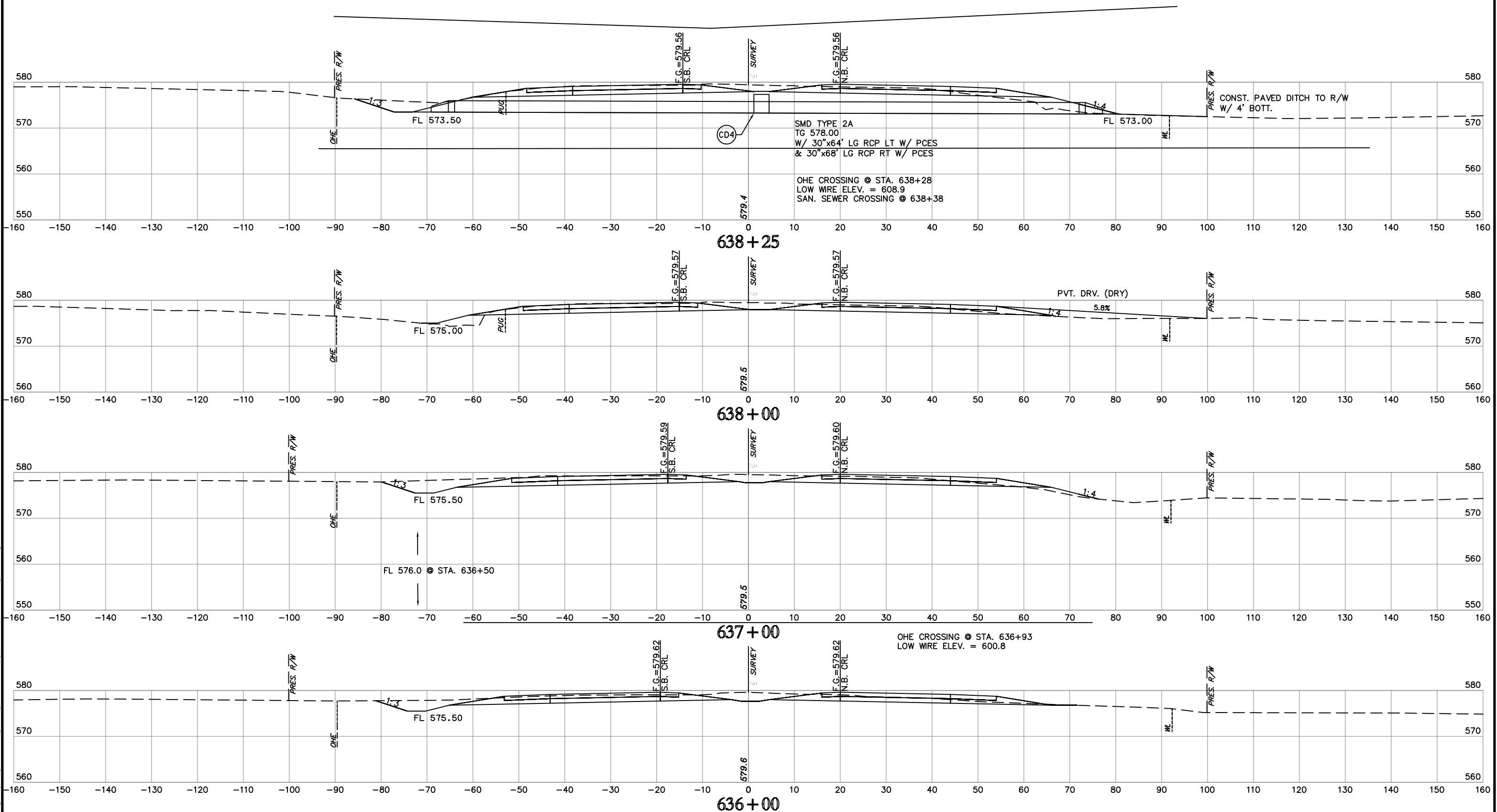
632+00

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML31

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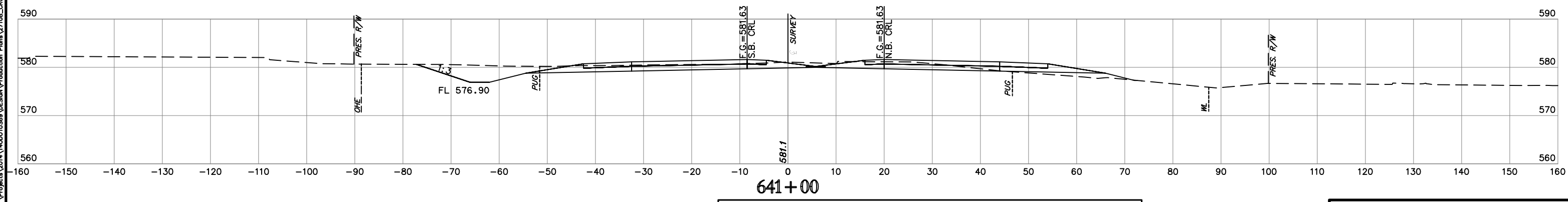
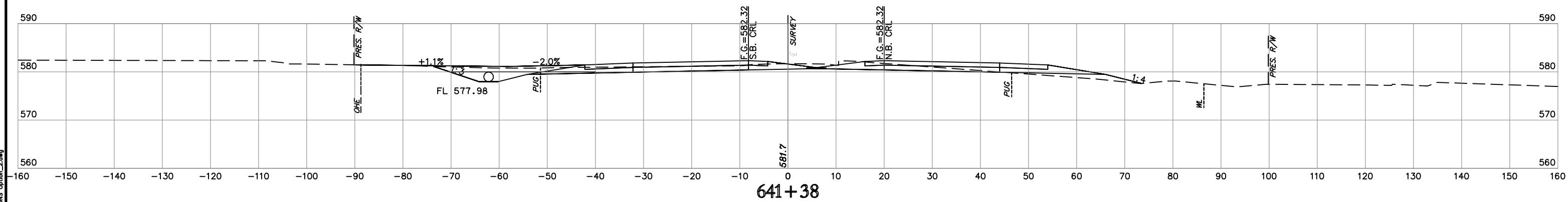
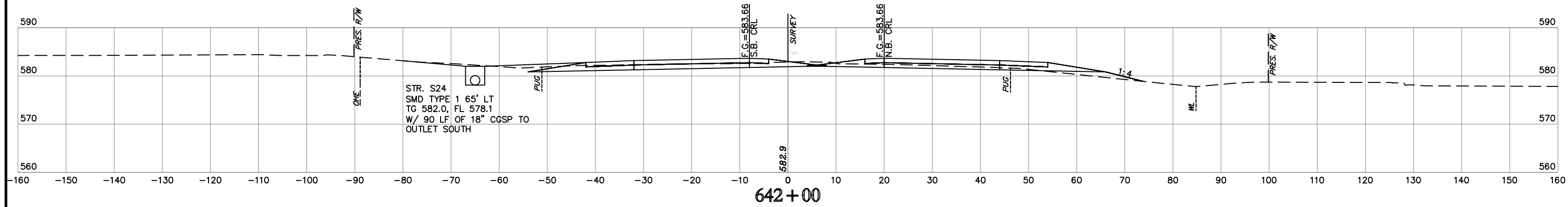
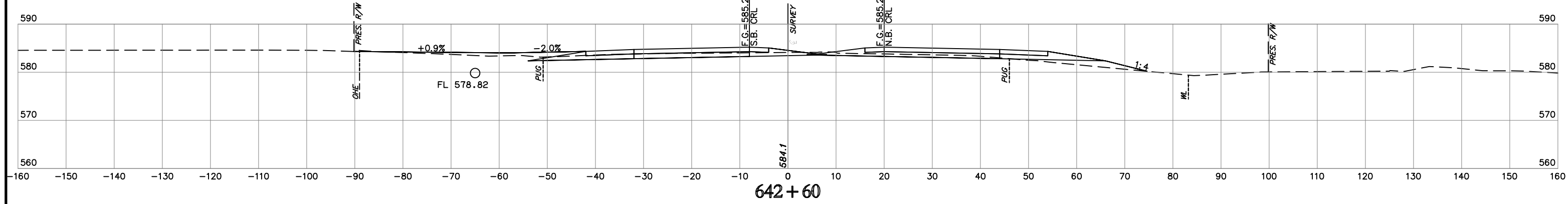
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML32

HMB E n 6 / n 0 0 f 6
Time of Prep: 7/31/2020 12:30 PM
Prep By: H9650N1278
C:\Projects\2020\14000\14000\Design\Production\Plans\27108_CROSS_SECTIONS_Option_2.dwg

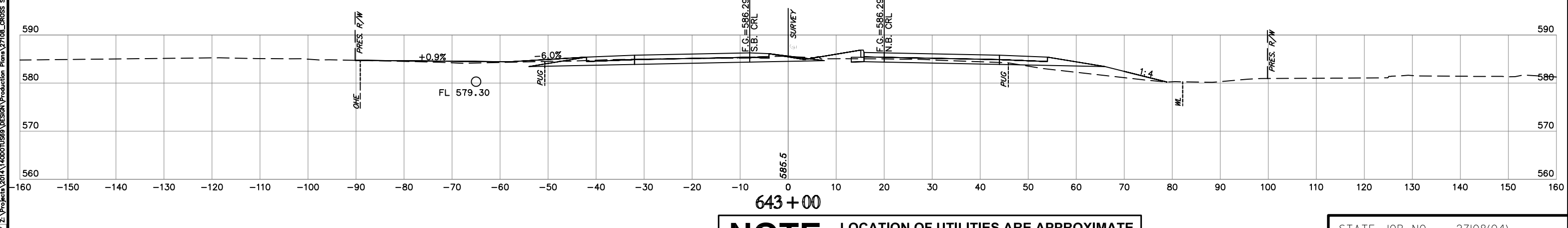
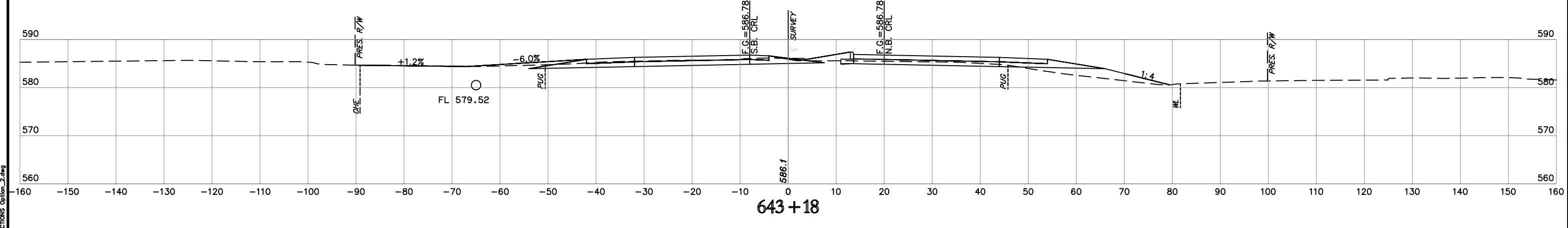
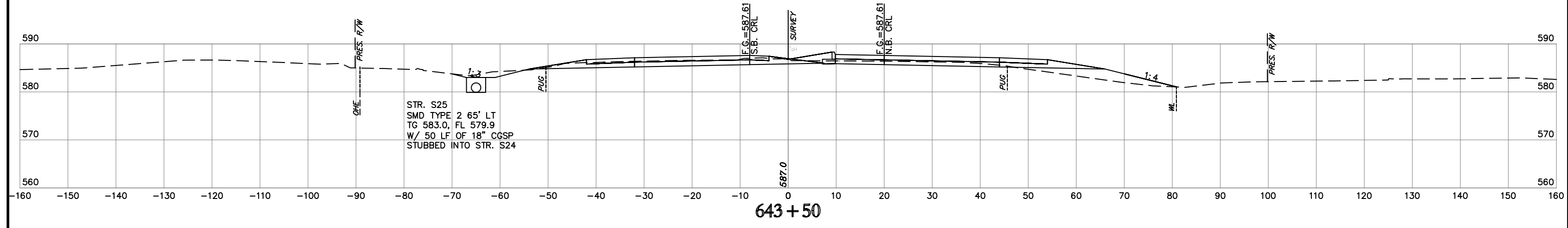
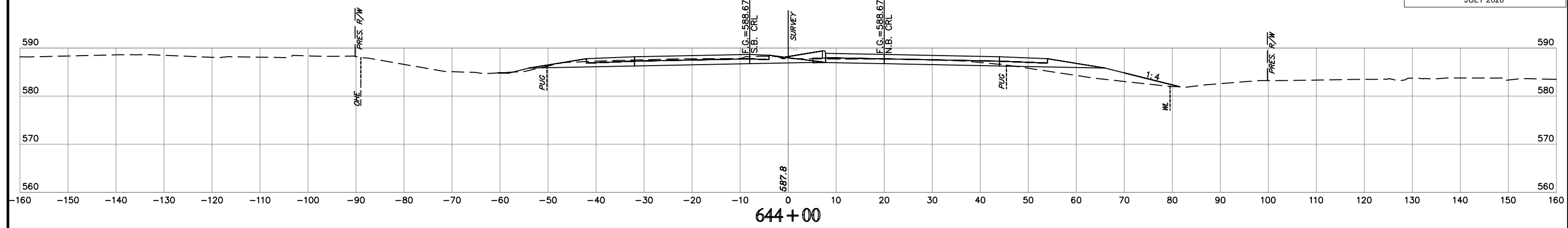


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML34

H:\E\p\179\2108\1251 PM Plan Style: H:\950\K17B
 Time of Plot: 7/29/2020 12:51 PM
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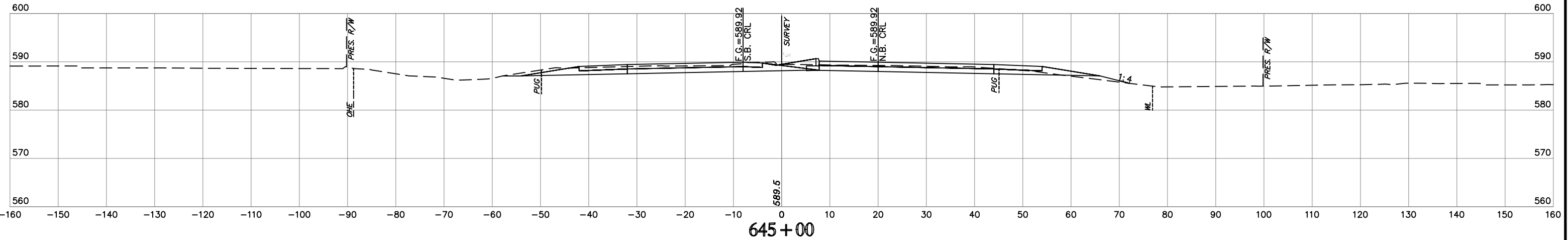
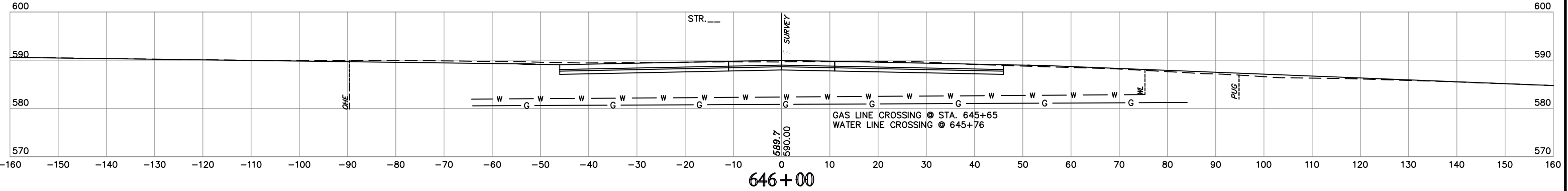
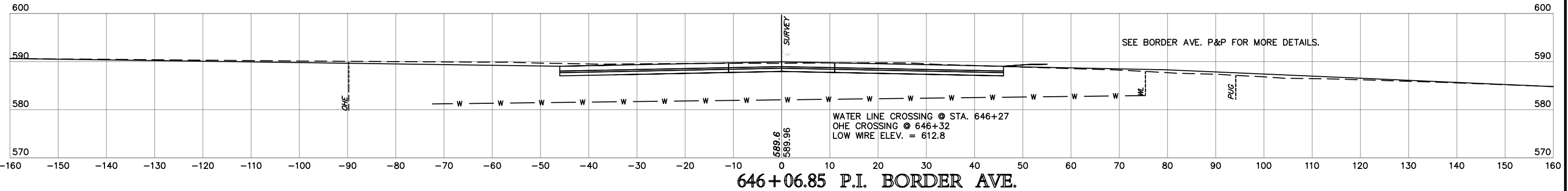


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

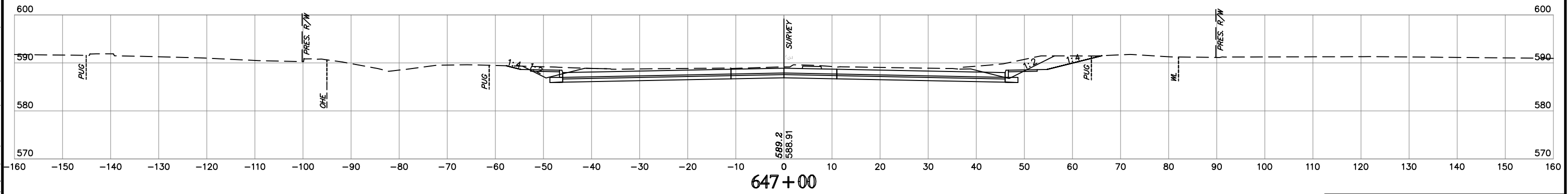
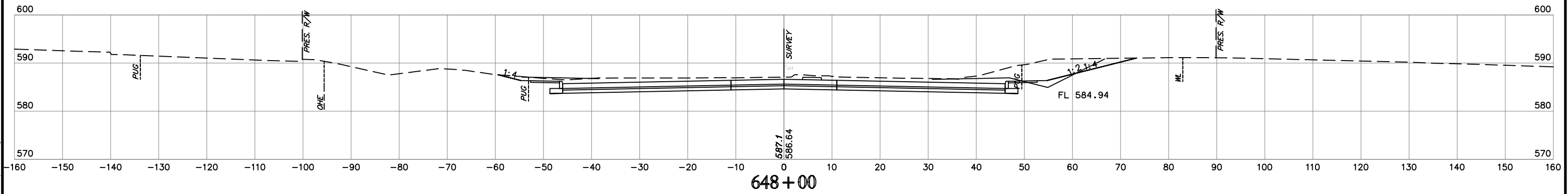
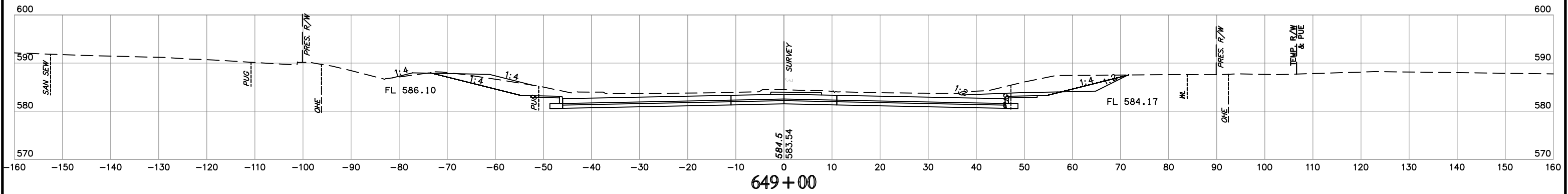
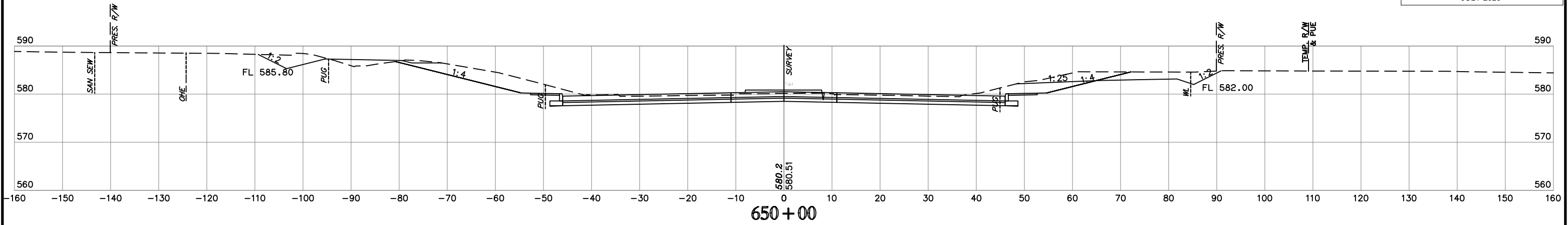
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML35

H:\E\p\179\2108\1231 PM Plan Style: H:\950\DWG\12. Projects\2014\14000\1589\Design\Production\Plan\27108_CROSS_SECTIONS Option_2.dwg



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.



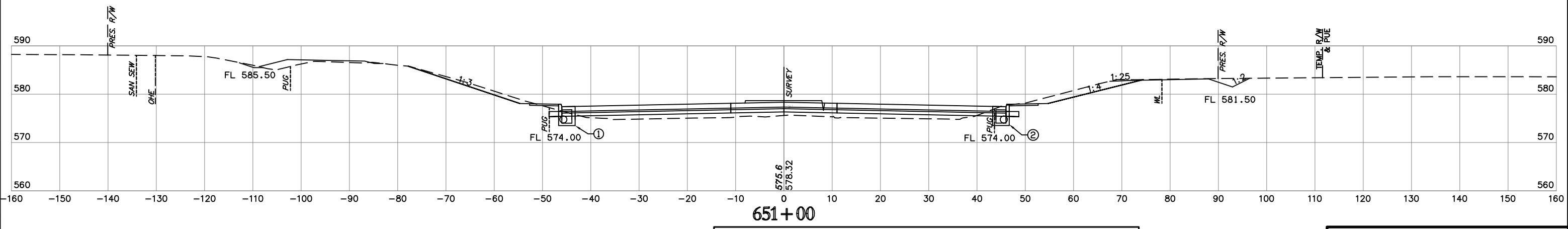
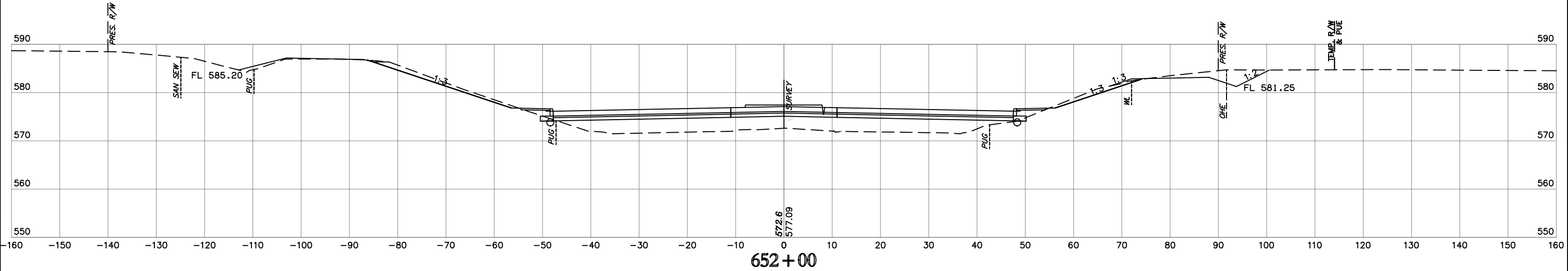
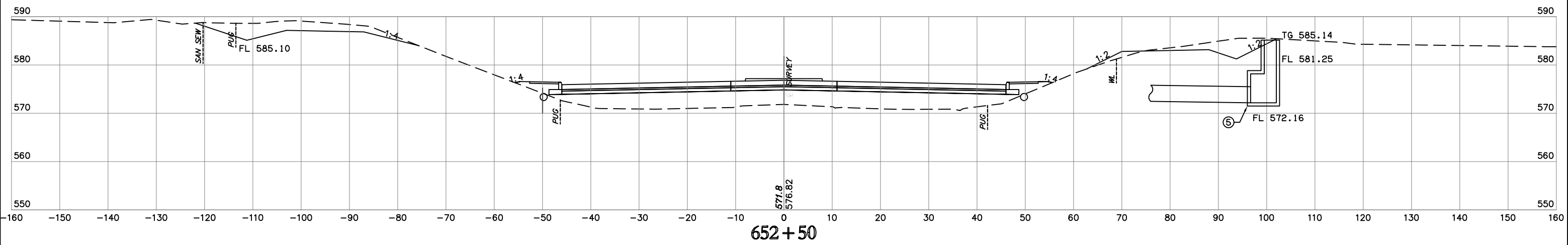
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML37

HWY 69 SUPPLEMENT NO. 2 OPTION NO. 2
DATE: 7/13/2020 12:32 PM BY: HIRSHON/CTB
PROJECT: 27108(04) MUSKOGEE COUNTY DESIGN/PRODUCTION PLANS 27108_CROSS SECTIONS Option 2.dwg



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

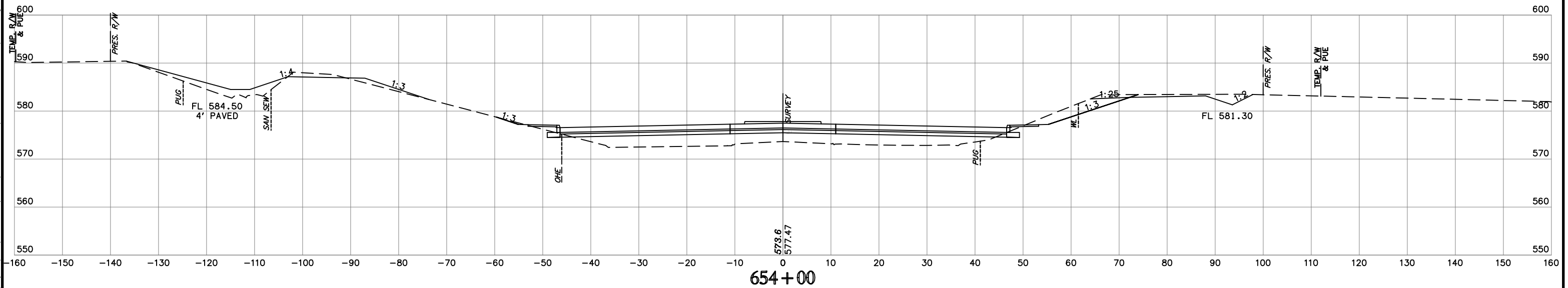
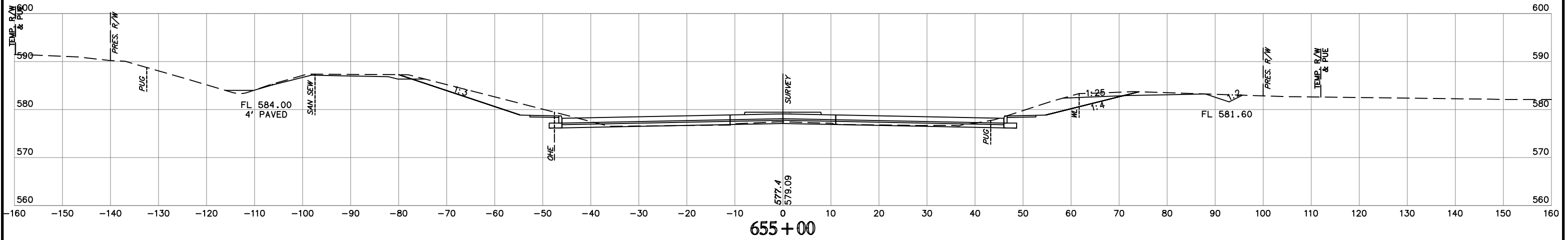
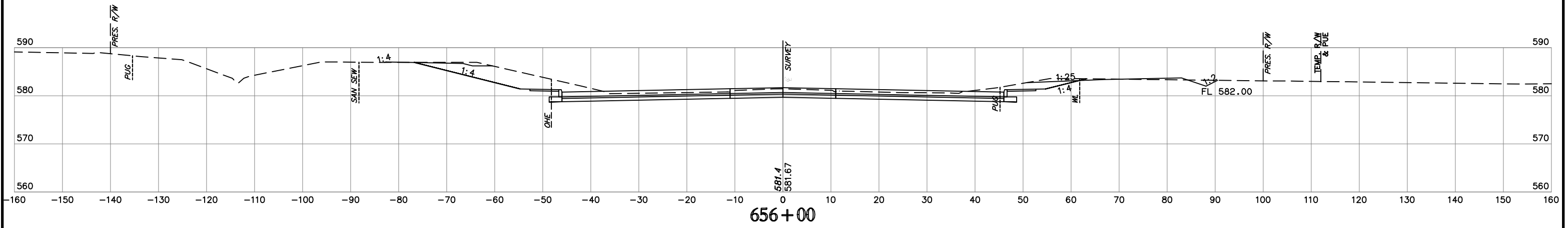
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML38

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SUPPLEMENT NO.2
OPTION NO.2

JULY 2020

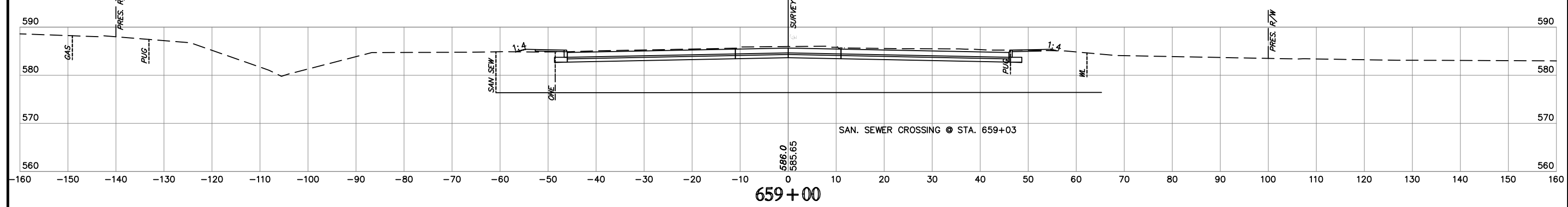


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

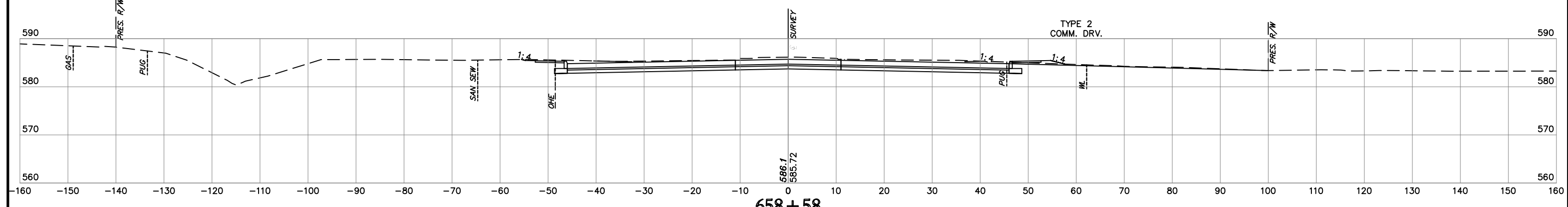
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML40

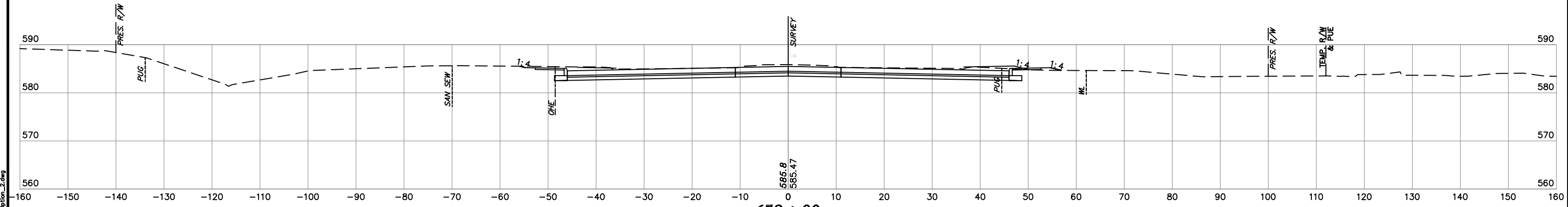
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 17 of 166
 12: Projects\2014\14000\US89\DESIGN\Production_Plans\27108_CROSS_SECTIONS Option_2.dwg



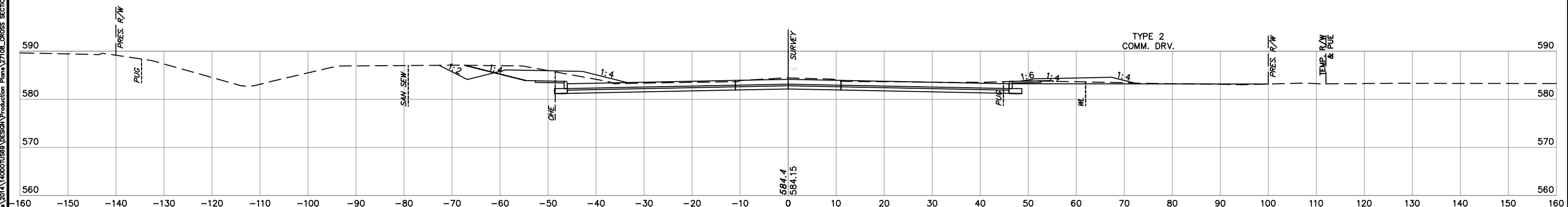
659+00



658+58



658+00



657+00

**NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
 DEPTH OF UTILITIES IS UNKNOWN.**

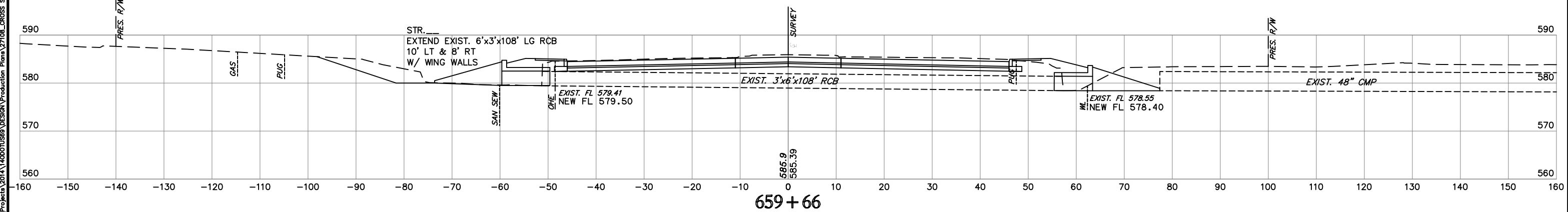
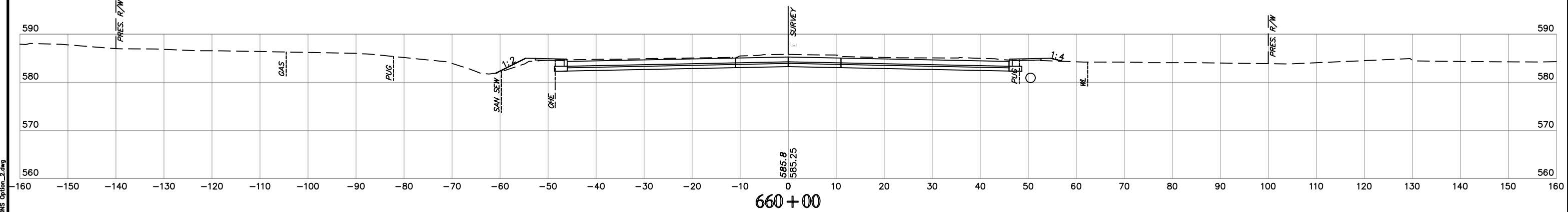
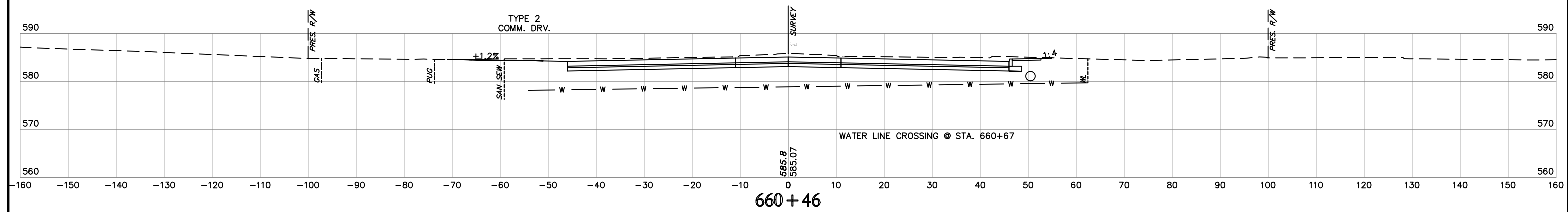
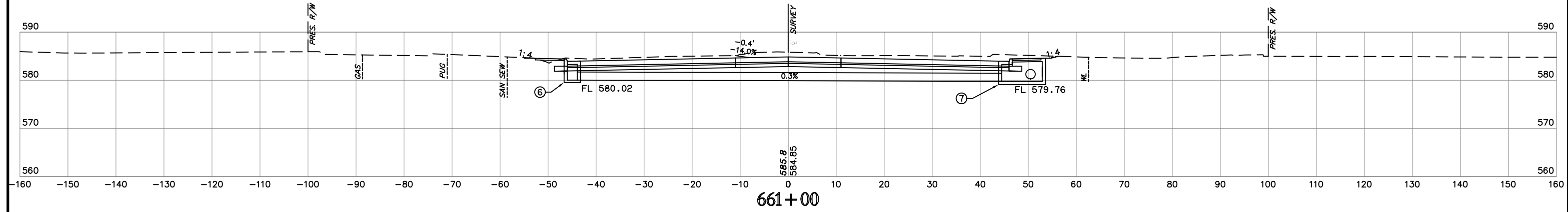
U.S. HWY. 69

STATE JOB NO. 27108(04)
 MUSKOGEE COUNTY
 SHEET NO. XML41

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 Time of Plot: 7/29/2020 12:54 PM...
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SUPPLEMENT NO.2
OPTION NO.2

JULY 2020

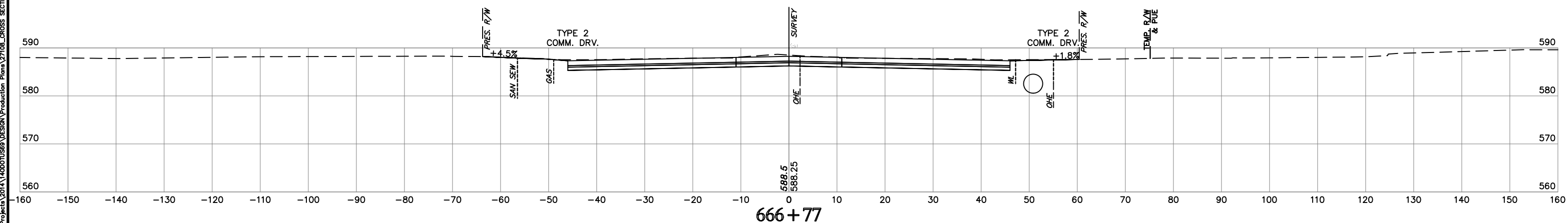
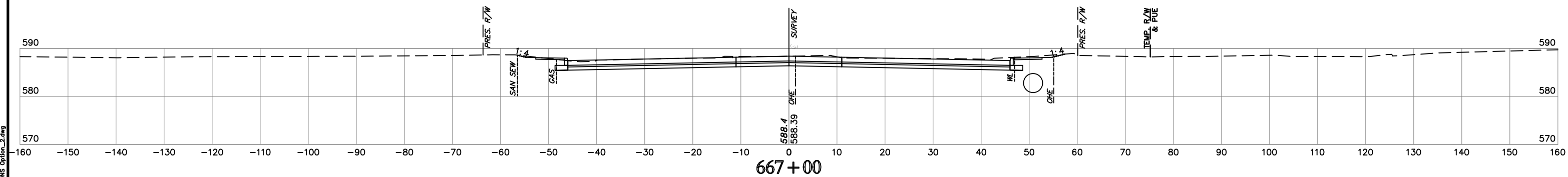
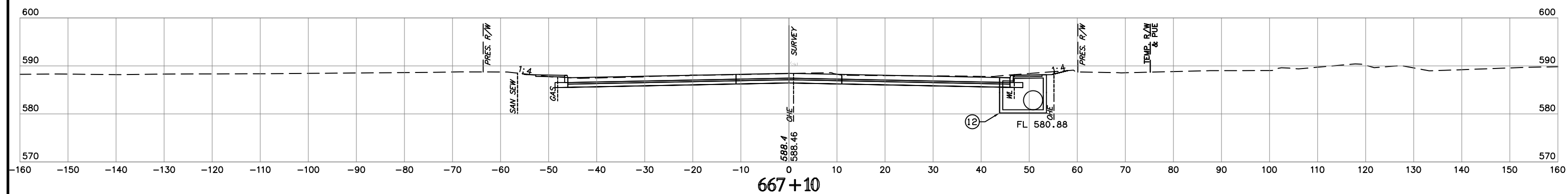
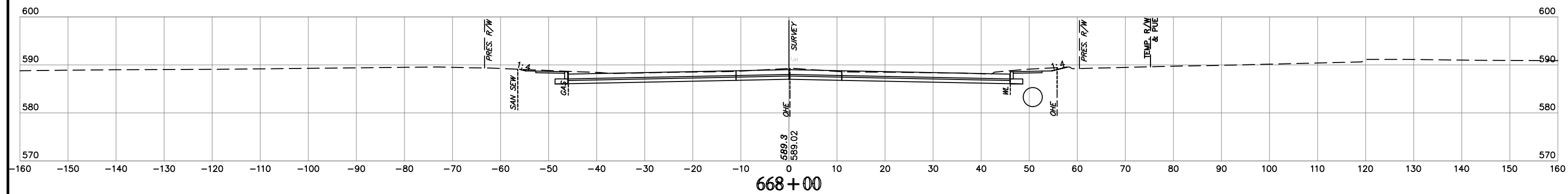


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML42

HB E n 8 / n 9 8 f 8
Time of Prep: 7/9/2020 12:54 PM
Plotted by: HPR/SN/MTZ
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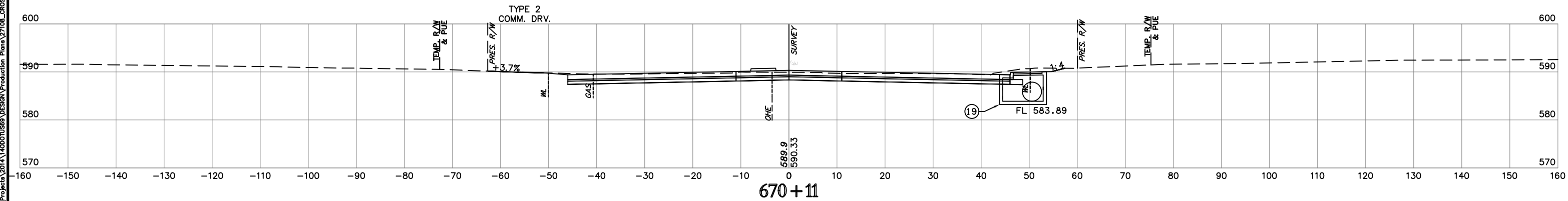
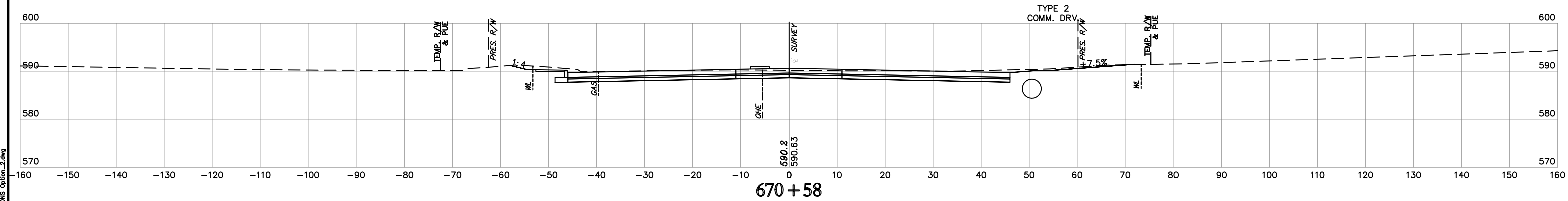
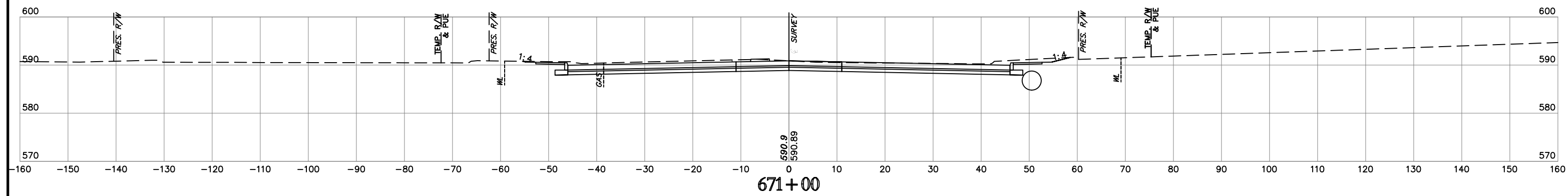
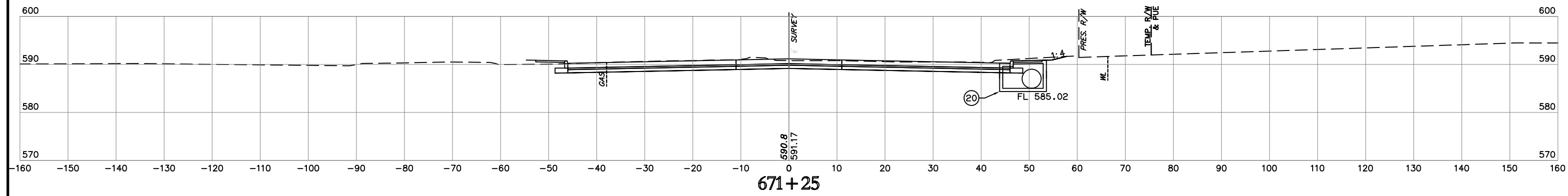


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML46


 H&B Engineering, Inc.
 1700 N. 17th St., Suite 100
 Oklahoma City, Oklahoma 73106
 405.941.1111
 www.hbeng.com

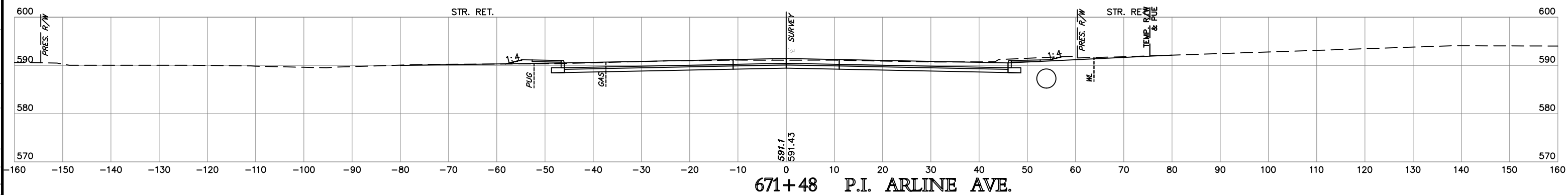
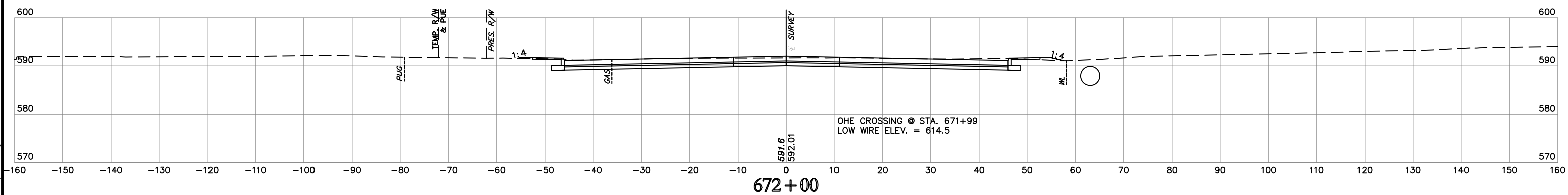
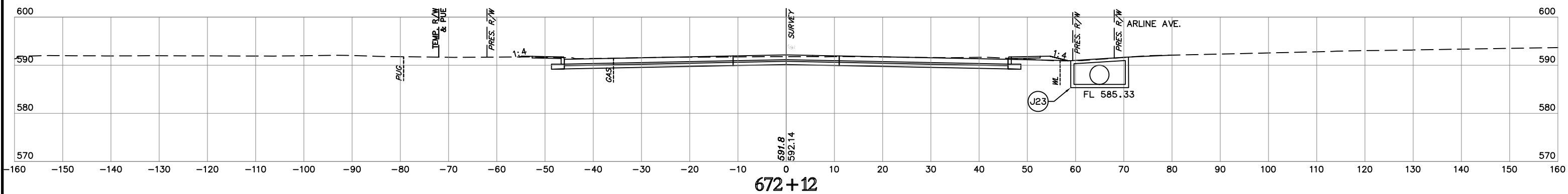
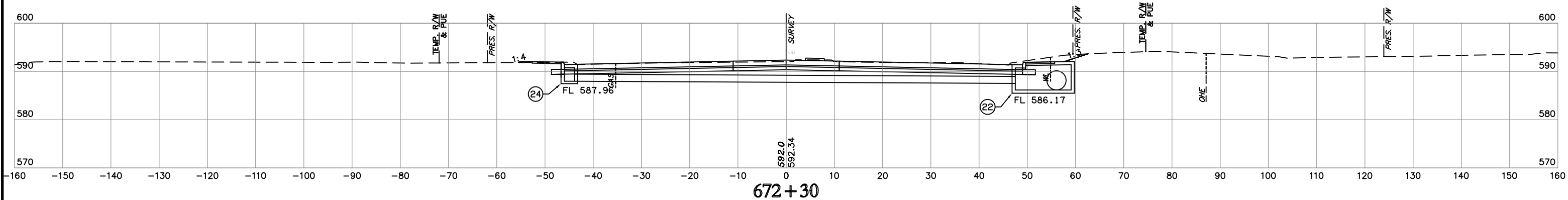


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML49

H:\B E n g i n e e r i n g \2020\1236 Pk. Proj. S\m. H\96501275
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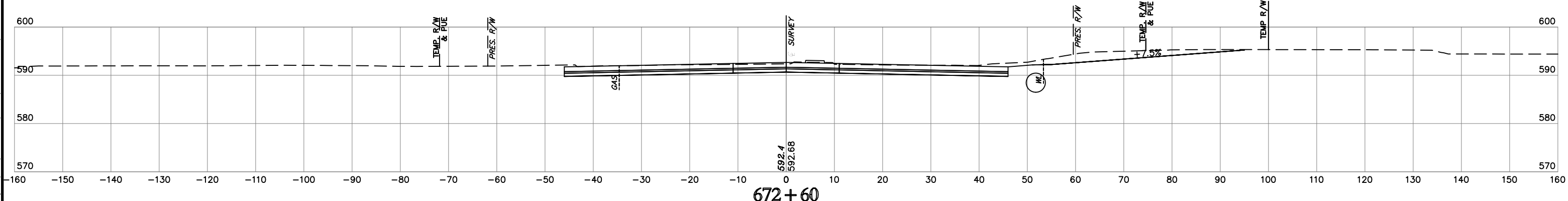
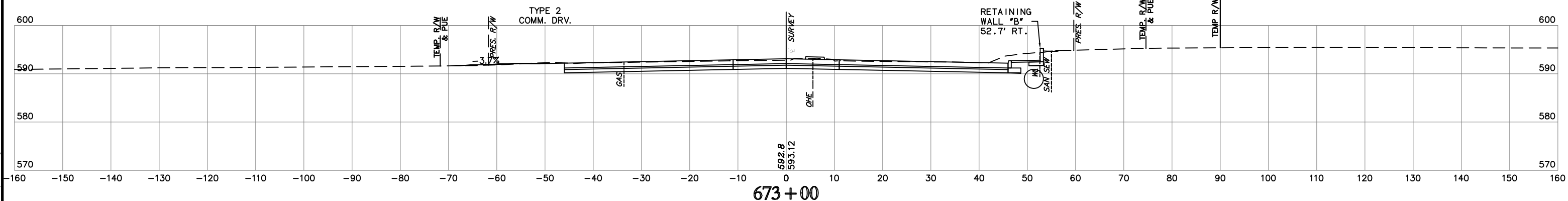
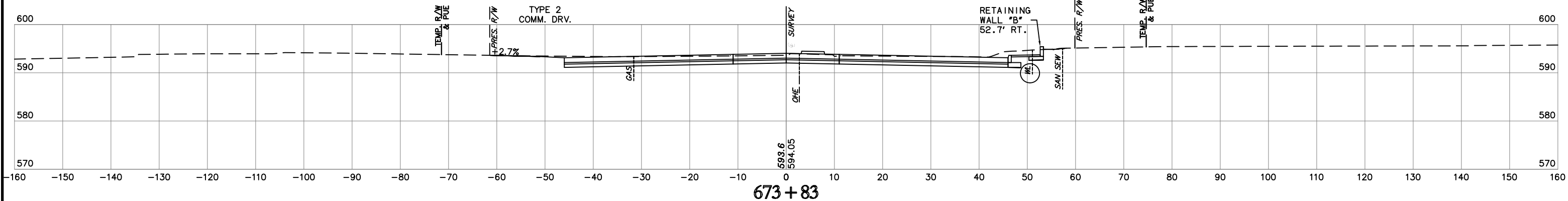
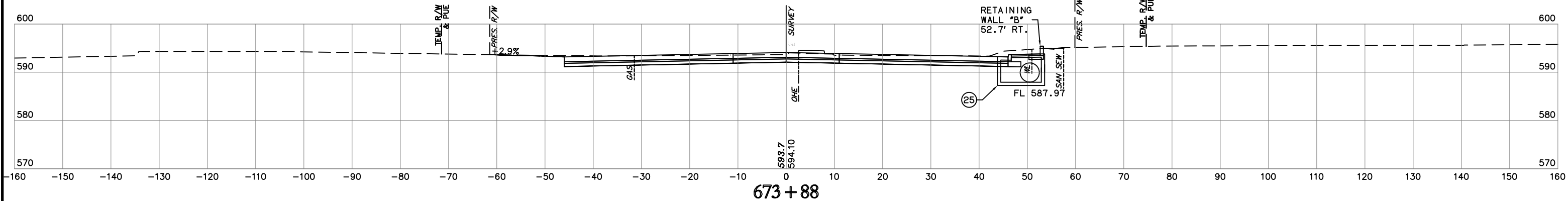


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML50

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 Project: 27108(04)

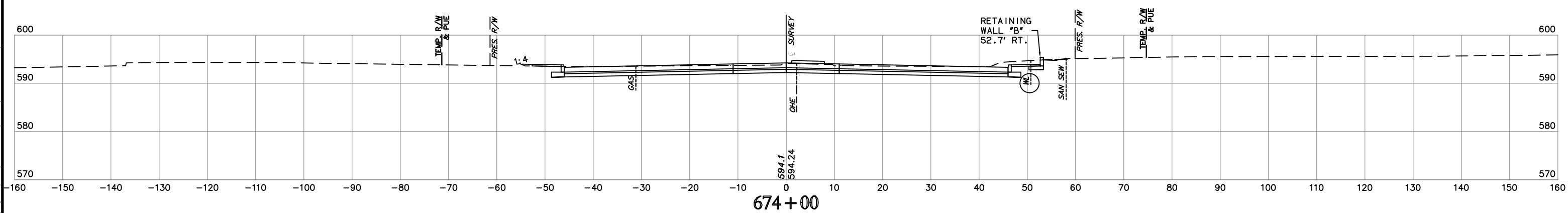
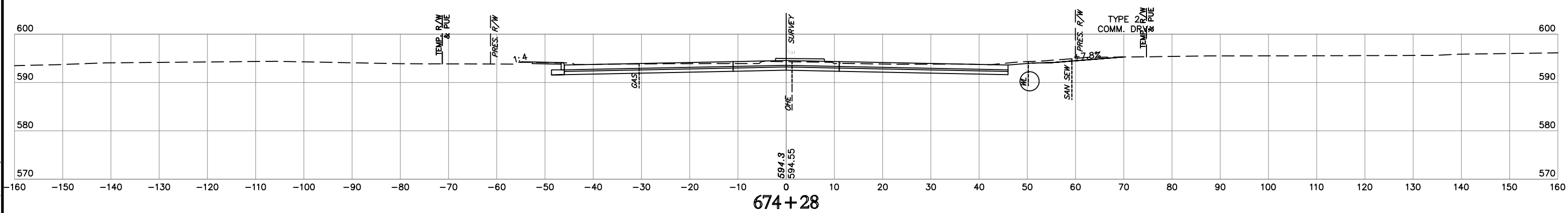
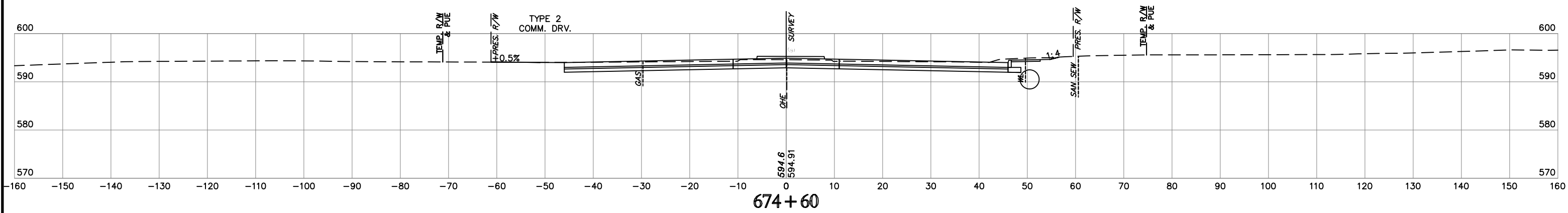
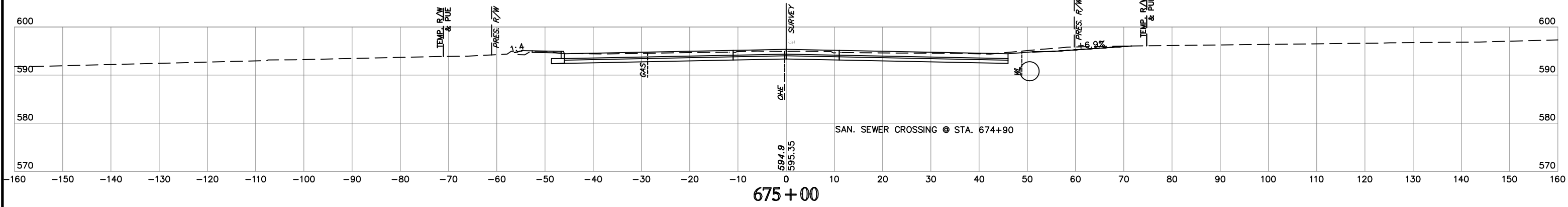


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML51

HMB E n g i n e e r s 1237 PM Per Site: H9860M172
 Time of Plot: 7/29/2020 12:58 PM
 I:\Projects\2014\14000\US69\Design\Production\Plots\27108_CROSS_SECTIONS_OPTION_2.dwg

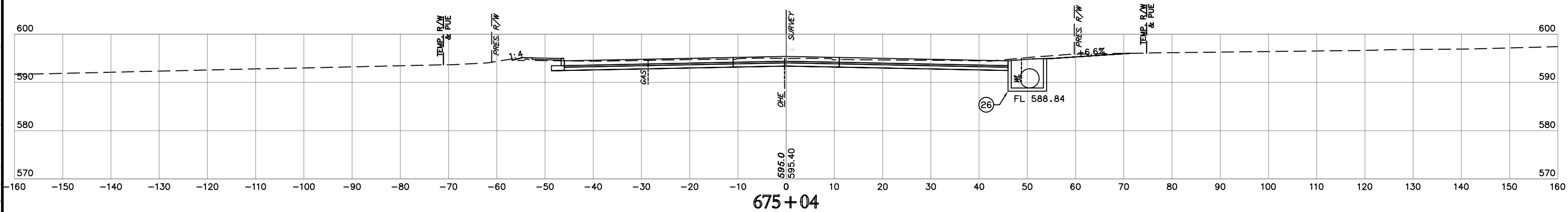
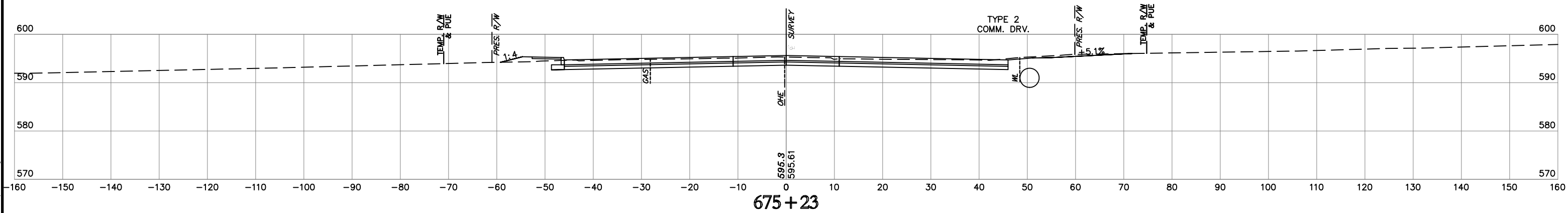
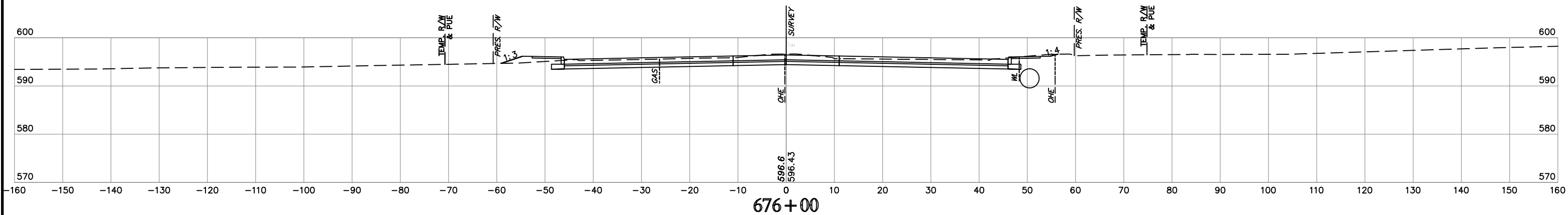
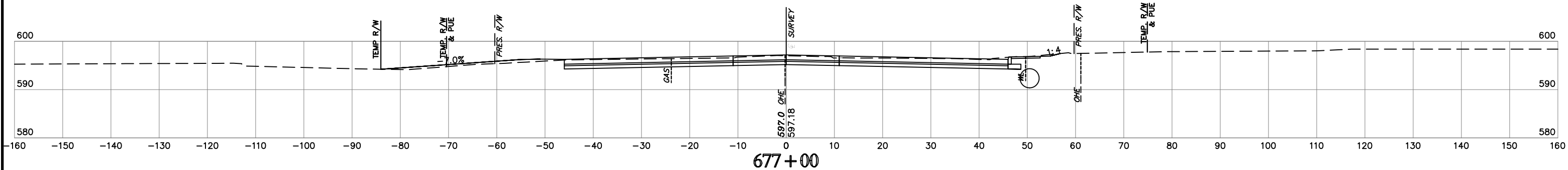


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML52

H:\E\p\1\1000\1237.PW.Plot Style: HP960M12E
 Time of Plot: 7/9/2020 12:37 PM
 I:\Projects\2014\1400010589\Design\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

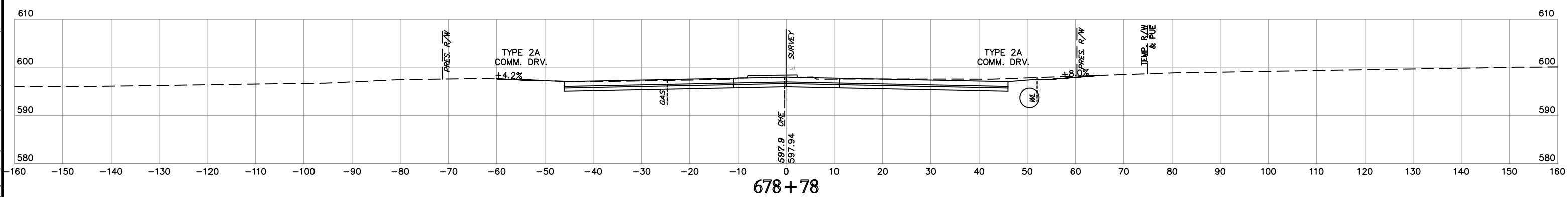
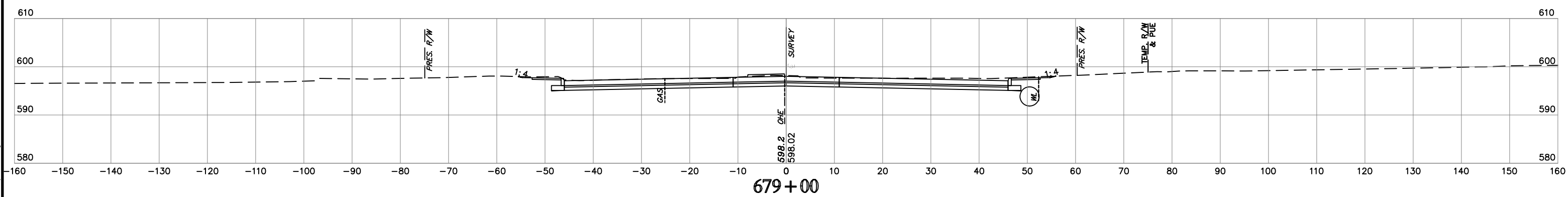
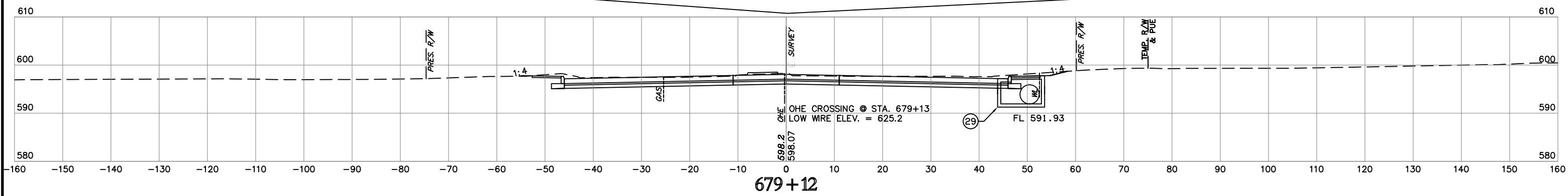
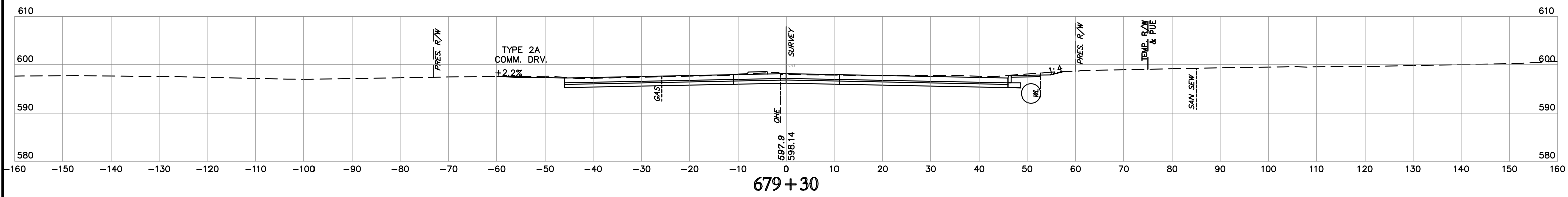


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML53

12:38 PM 7/9/2020
H:\Projects\2014\140001050\DESIGN\Production\Plan\27108_CROSS_SECTIONS\Option_2.dwg



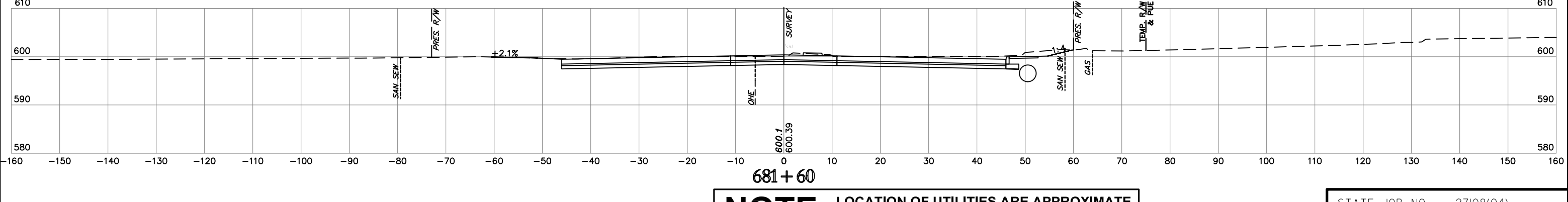
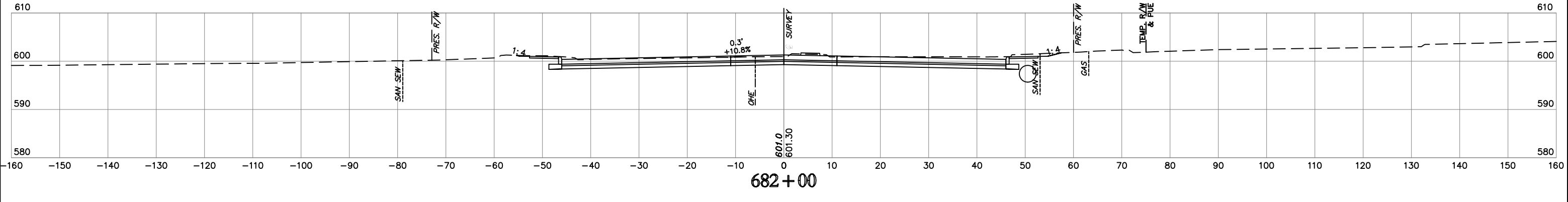
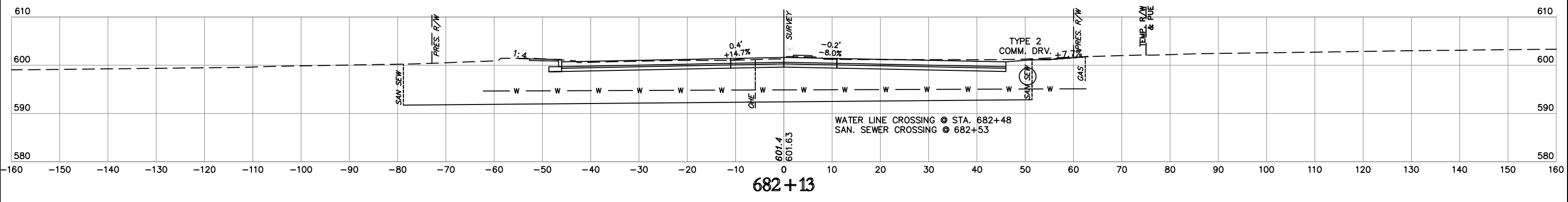
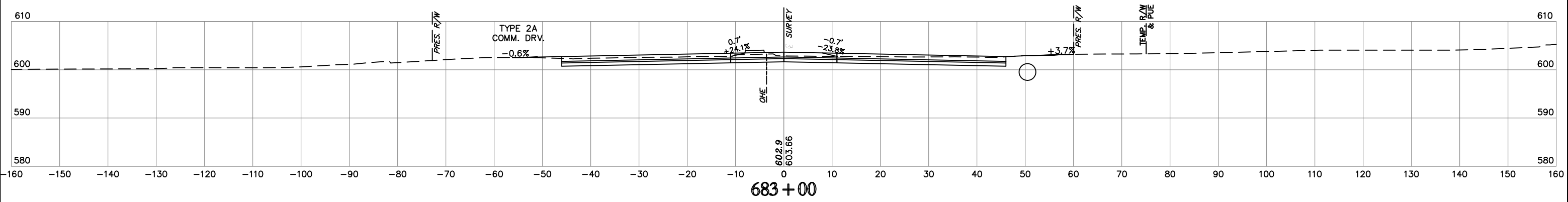
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML55

H:\E_n\17\17012108\1209 PM Per Site H:\96501218
Time of Plot: 7/29/2020 11:00:00 AM
Z:\Projects\2014\17012108\DESIGN\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

SUPPLEMENT NO.2
OPTION NO.2
JULY 2020



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

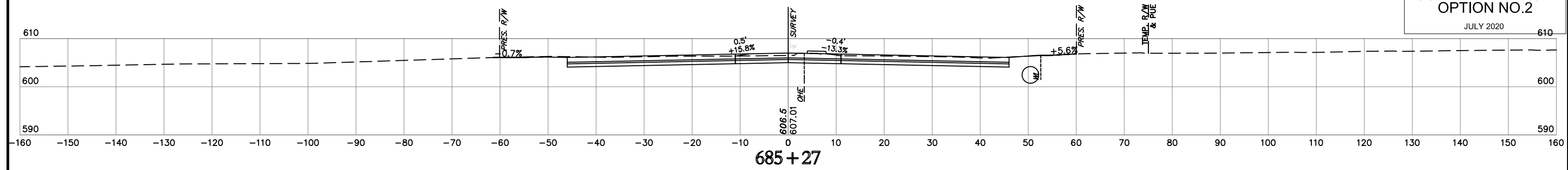
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML58

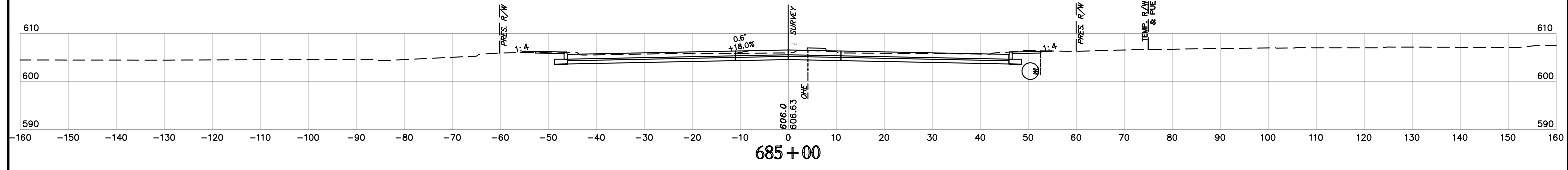
H&B E. n. 8. 1. n. 9. 8. 6. 12:40 PM. Proj. Syste. H&B&S&M&T&E
 Time of Prep. 7/29/2020 12:40 PM. Proj. Syste. H&B&S&M&T&E
 12. Projects\2014\14000\US89\Design\Production\Plans\27108_CROSS_SECTIONS Option_2.dwg

SUPPLEMENT NO.2
OPTION NO.2

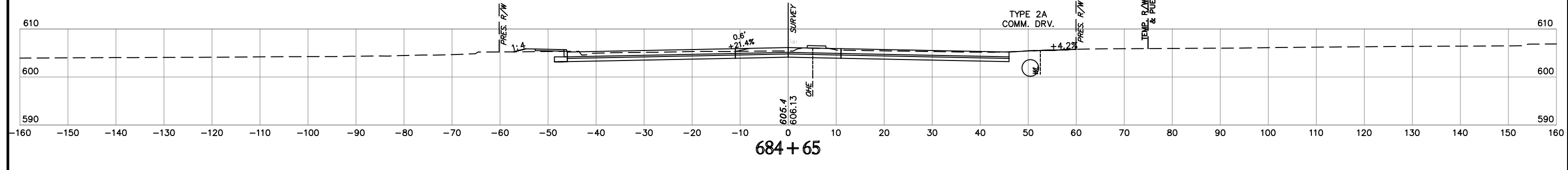
JULY 2020



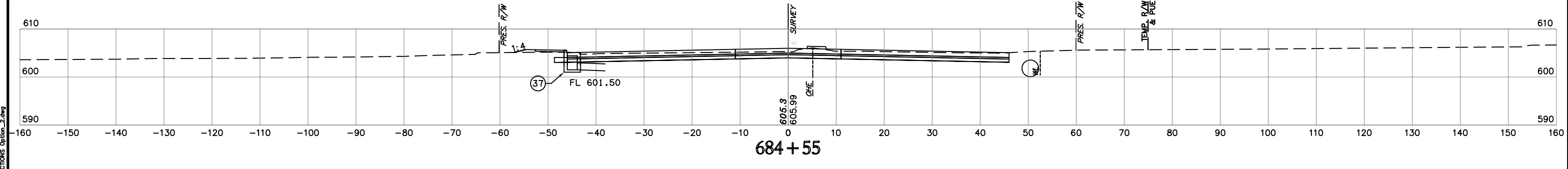
685+27



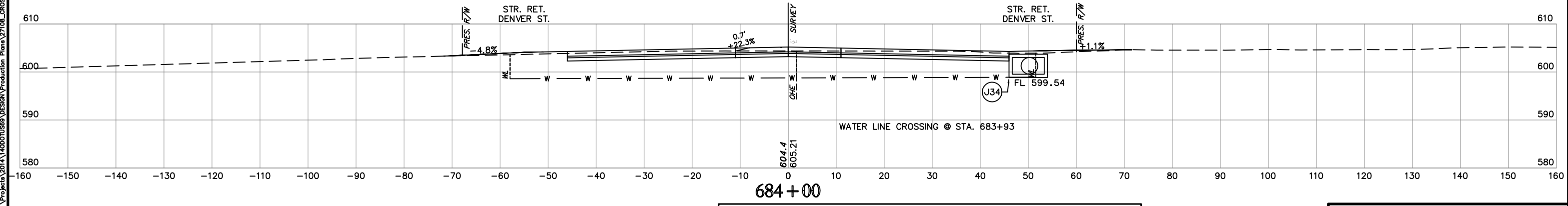
685+00



684+65



684+55



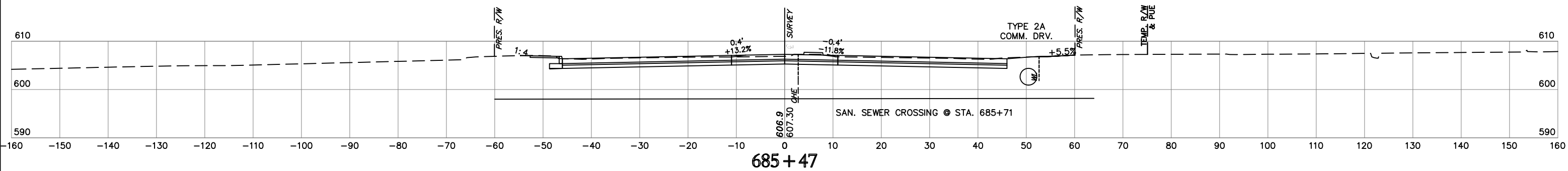
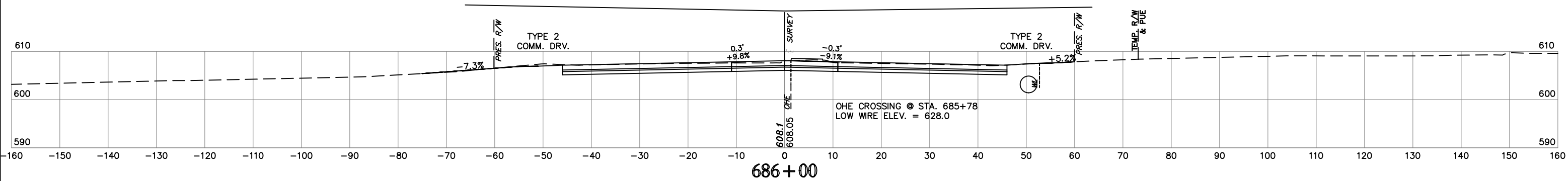
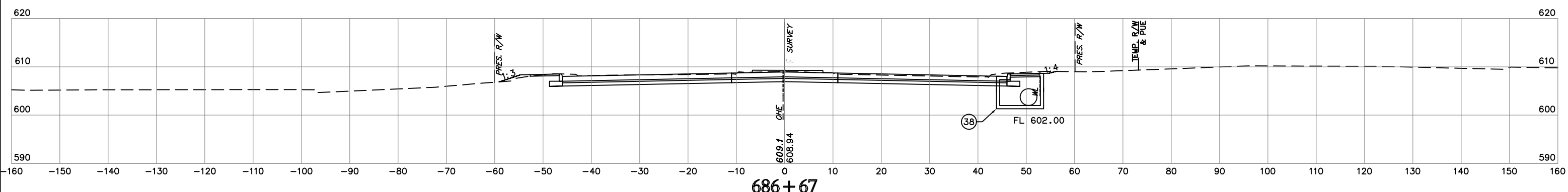
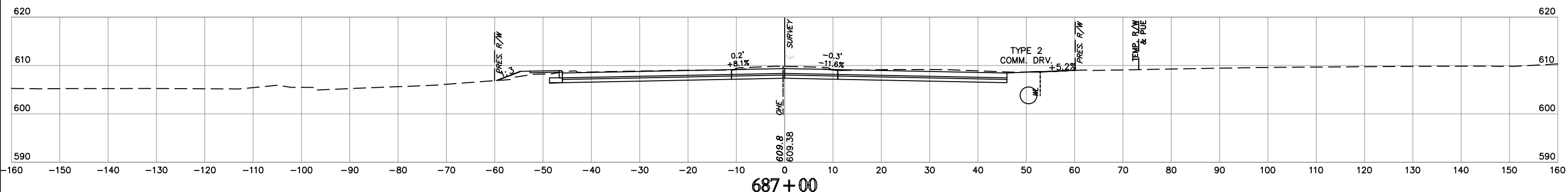
684+00

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML60

H:\E\p\17\9\2108\12\4 PM SH\HRS\CM\7B
 12: Projects\27108\12\4 PM SH\HRS\CM\7B Design\Production Plans\27108_CROSS SECTIONS Option_2.dwg



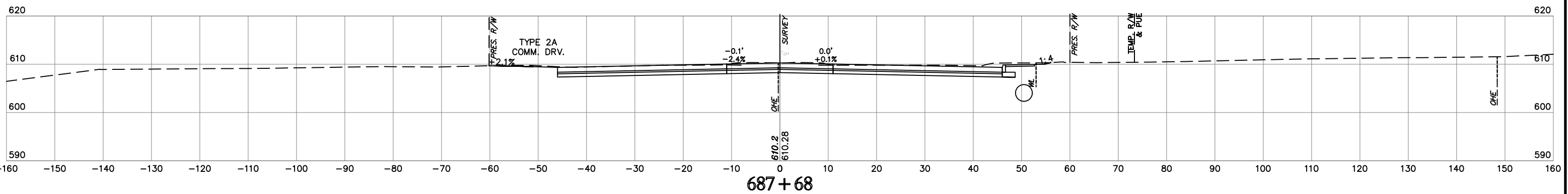
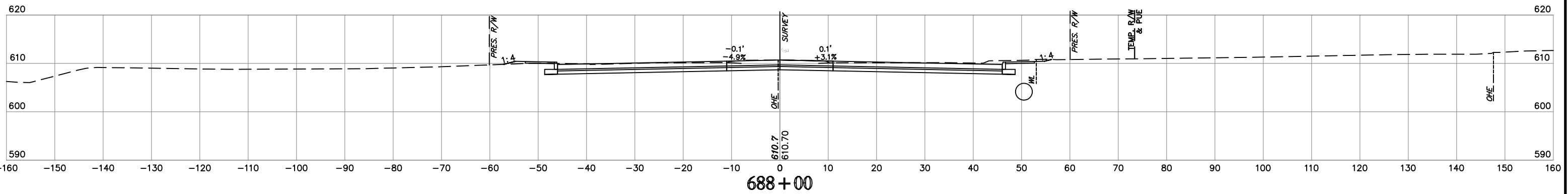
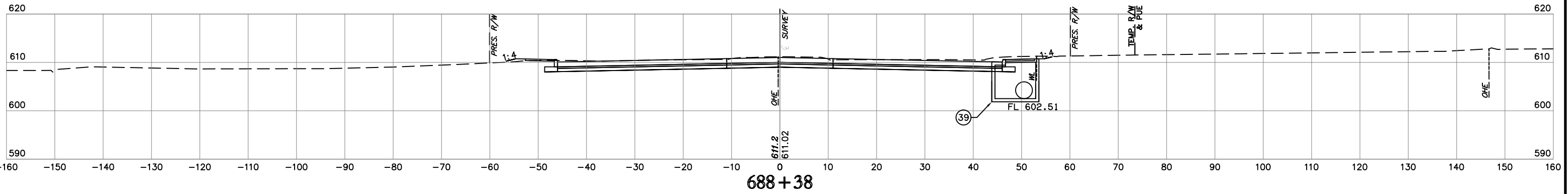
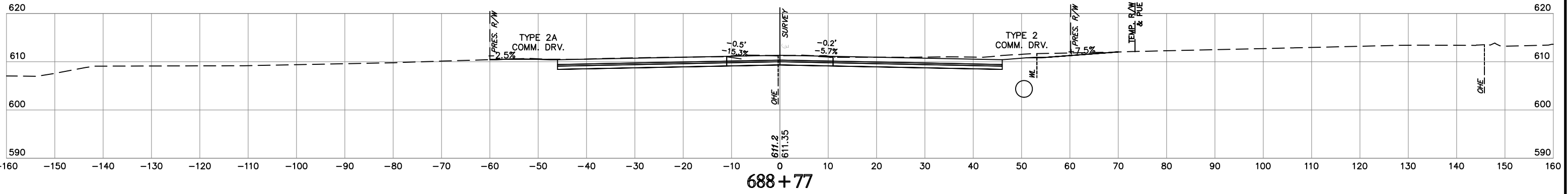
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XML61

H:\E\p\17\1702200\124\PM\1702200.dwg
 17/02/2020 12:41 PM PM 1702200.dwg
 17/02/2020 12:41 PM PM 1702200.dwg
 17/02/2020 12:41 PM PM 1702200.dwg



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

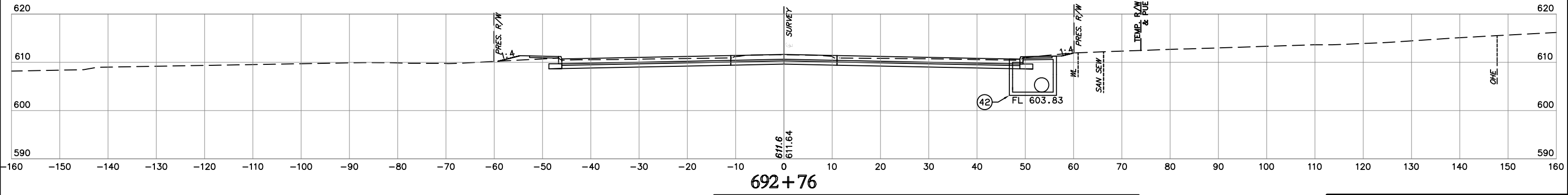
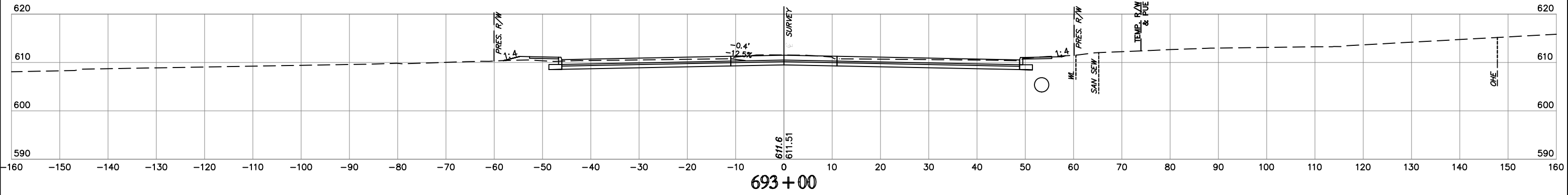
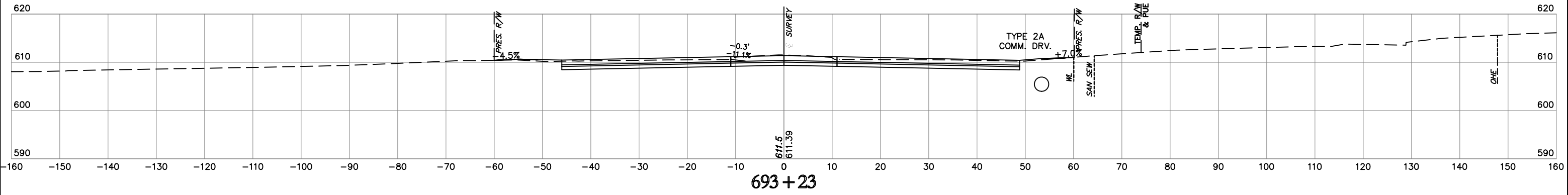
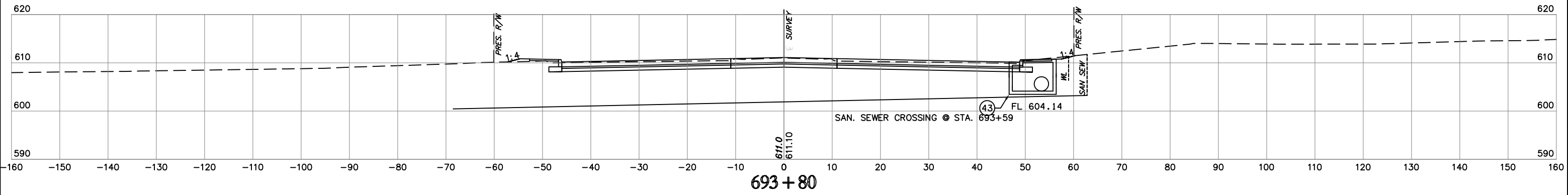
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML62

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 12-16-2019 1:40:00 PM

SUPPLEMENT NO.2
OPTION NO.2

JULY 2020

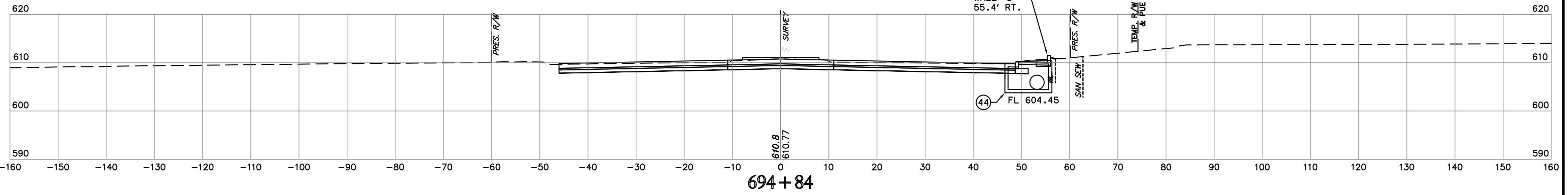


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

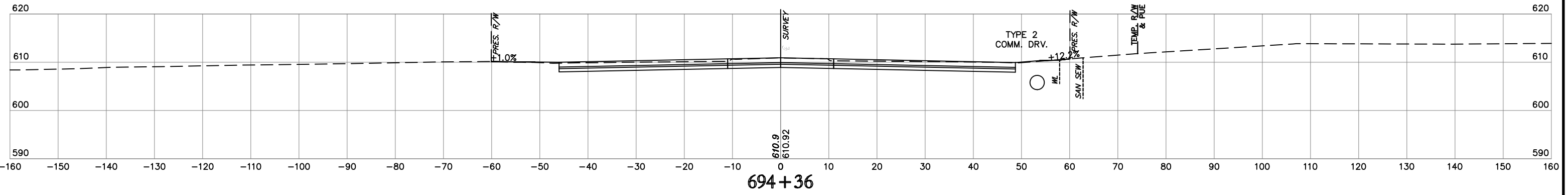
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML66

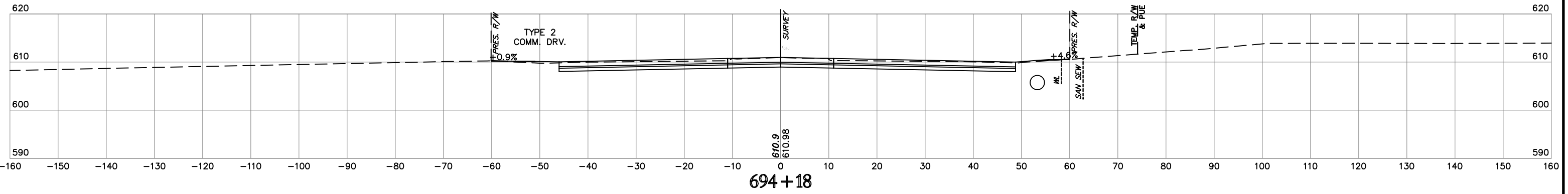
HB E n g / n e e r s
17th of Feb. 17/9/2020 12:43 PM Proj. S:\m HP9600172
12. Projects\2014\14000\US99\Design\Production\Plans\27108_CROSS_SECTIONS Option_2.dwg



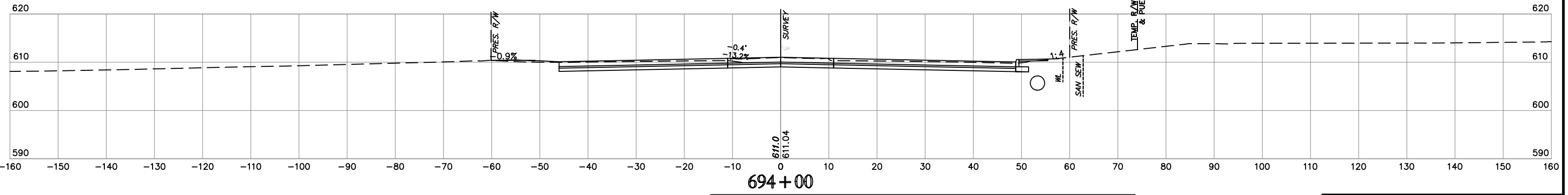
694+84



694+36

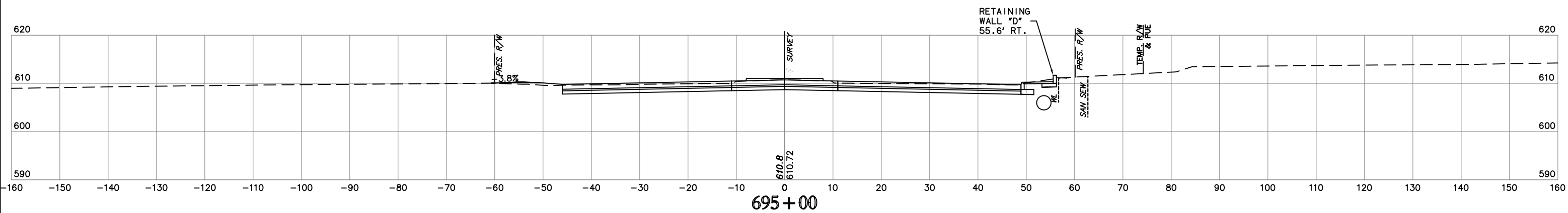
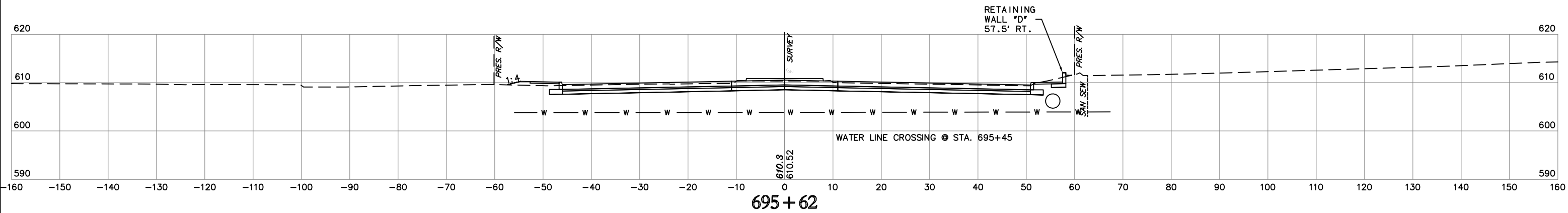
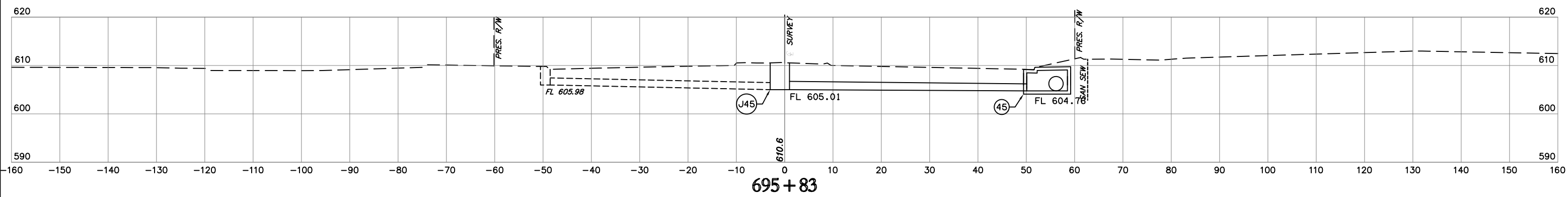
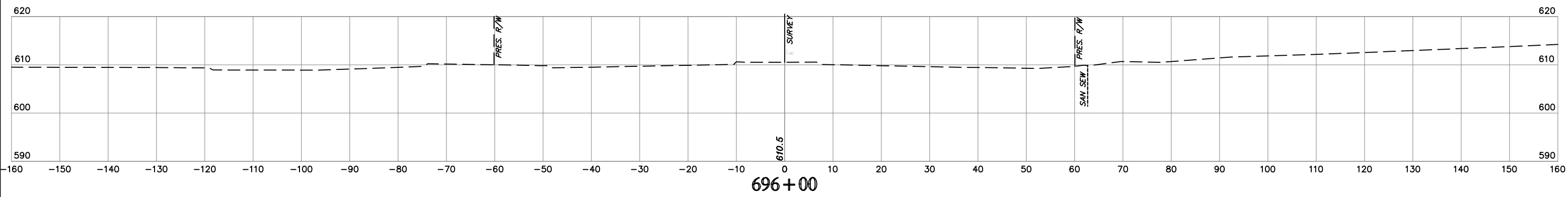


694+18



694+00

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

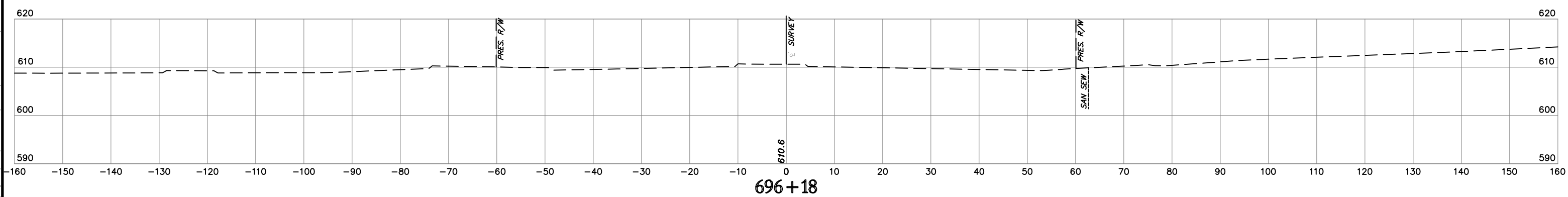
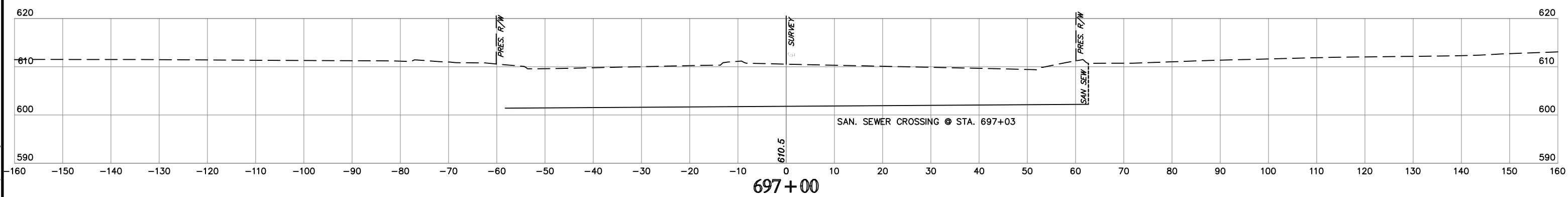
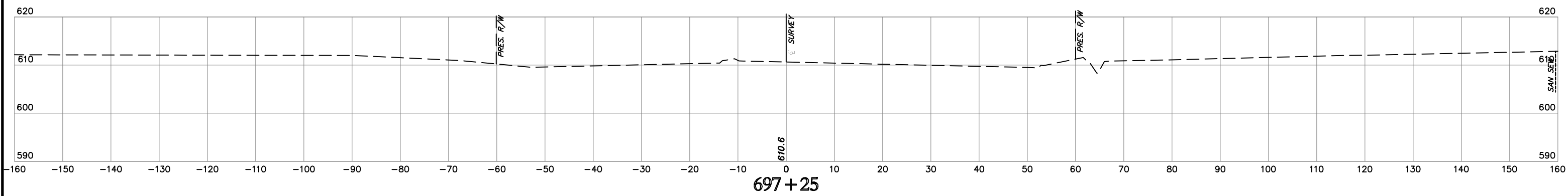
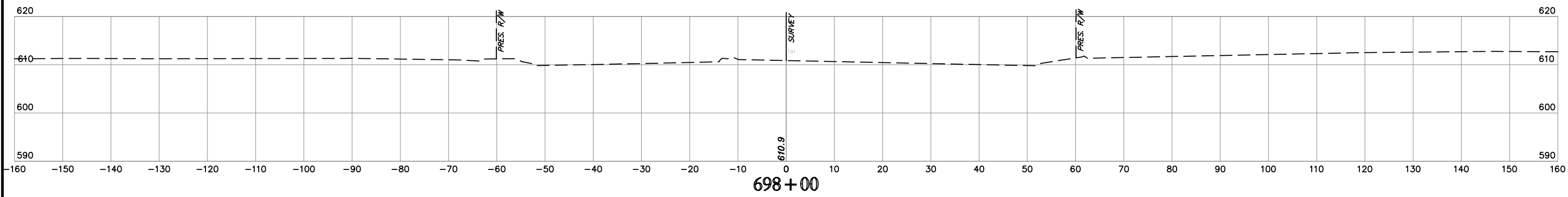


NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY SHEET NO. XML68

HB E n s / n o o f s
Time of Pub. 17/9/2020 12:44 PM Plt. Syle: HP950N7E
Z:\Projects\2014\1400\14059\DESIGN\Production Plans\27108_CROSS_SECTIONS Option_2.dwg



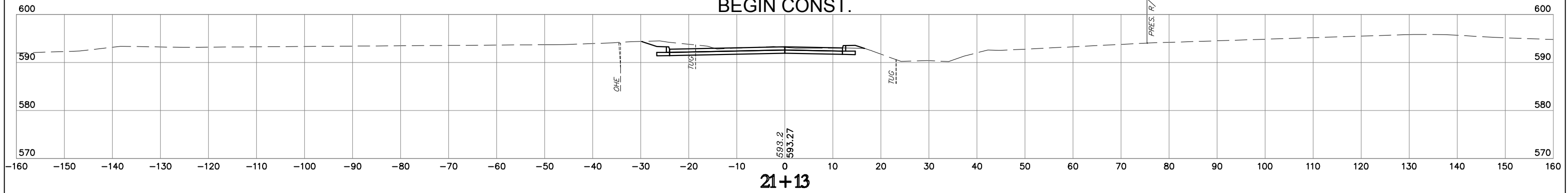
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Time of Plot: 7/9/2020 12:44 PM
Z:\Projects\2014\140001058\Design\Production\Plans\27108_CROSS_SECTIONS\Option_2.dwg

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

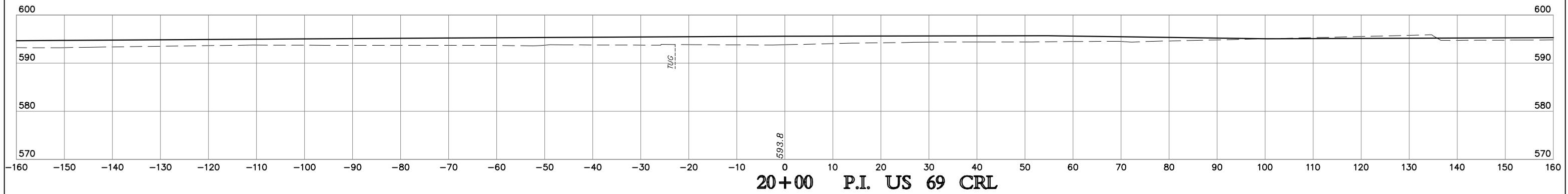
U.S. HWY. 69

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XML69

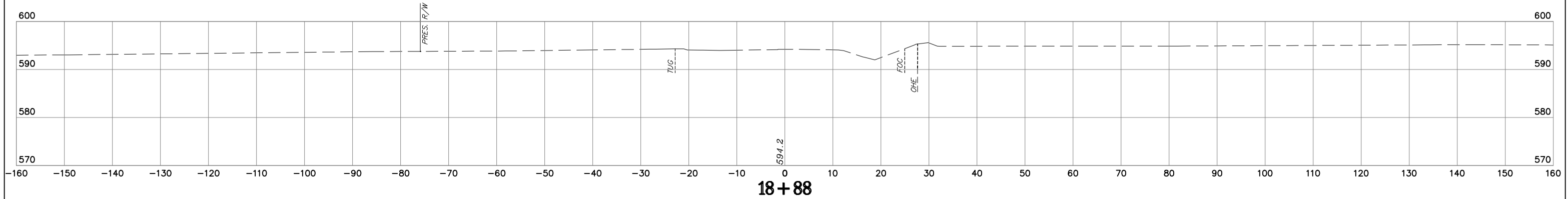
STA. 21+13
BEGIN CONST.



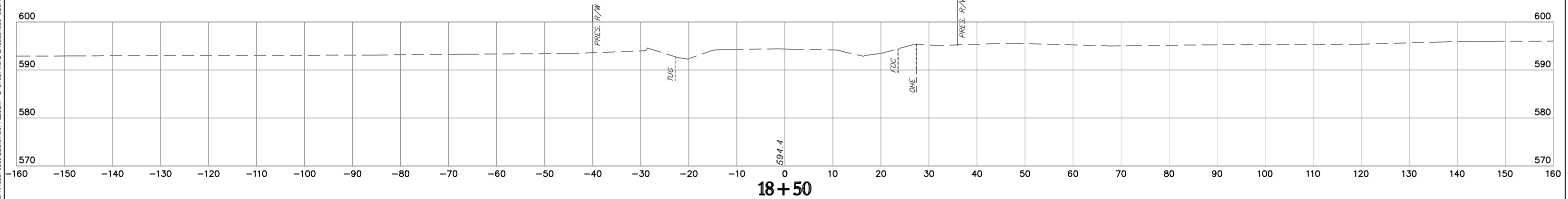
21+13



20+00 P.I. US 69 CRL



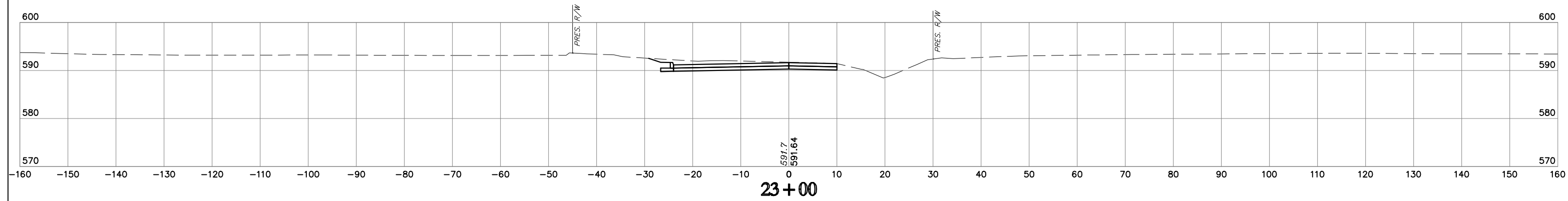
18+88



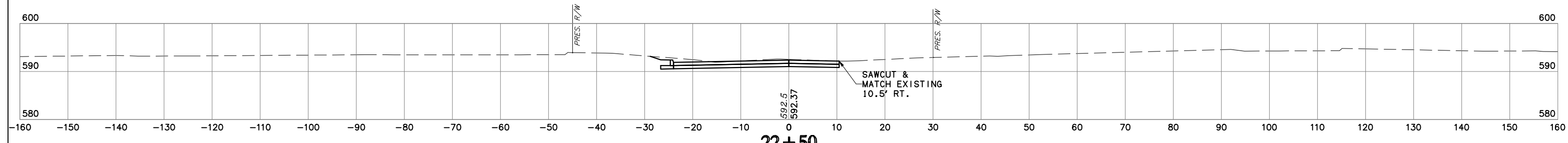
18+50

NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

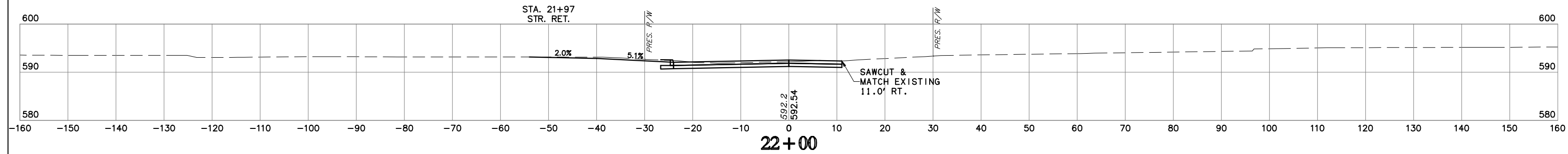




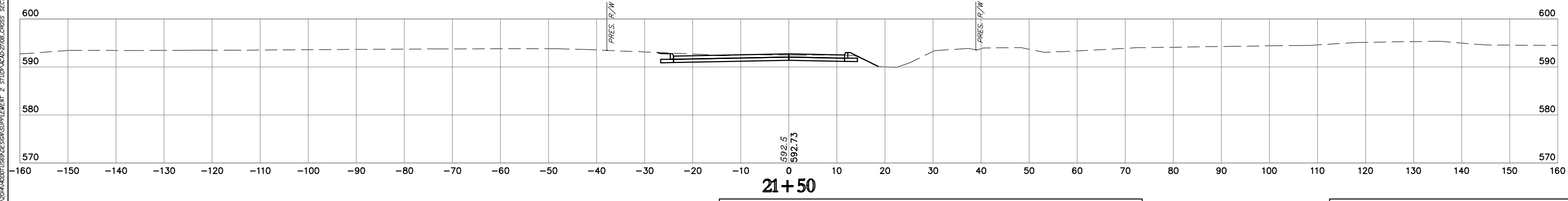
23+00



22+50



22+00



21+50

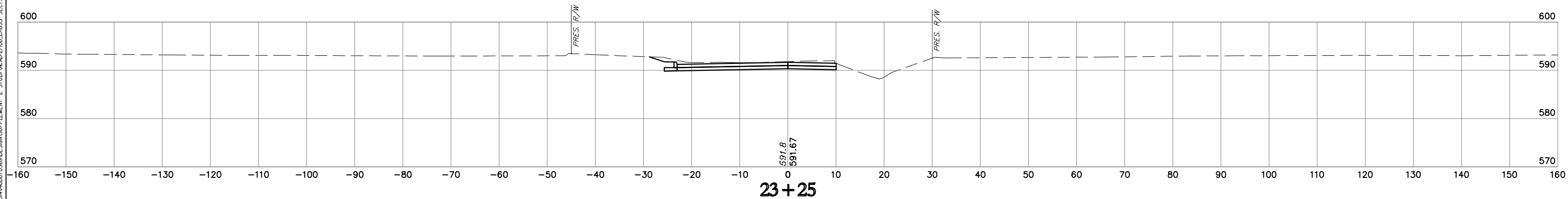
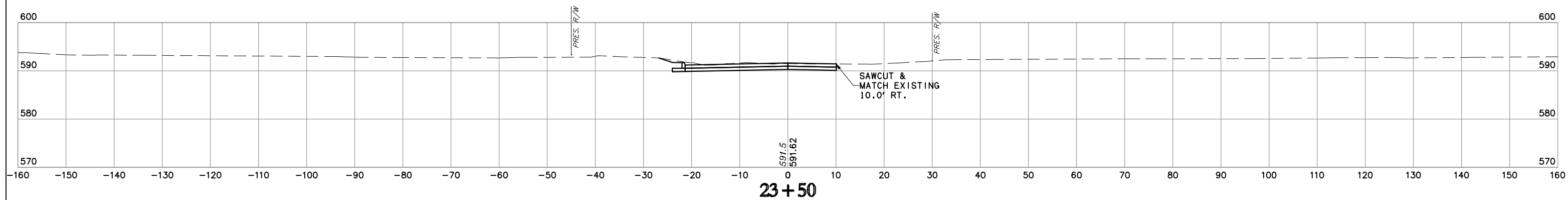
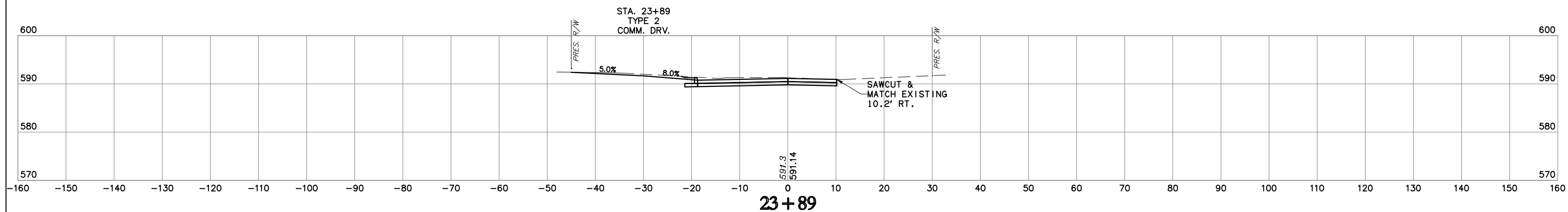
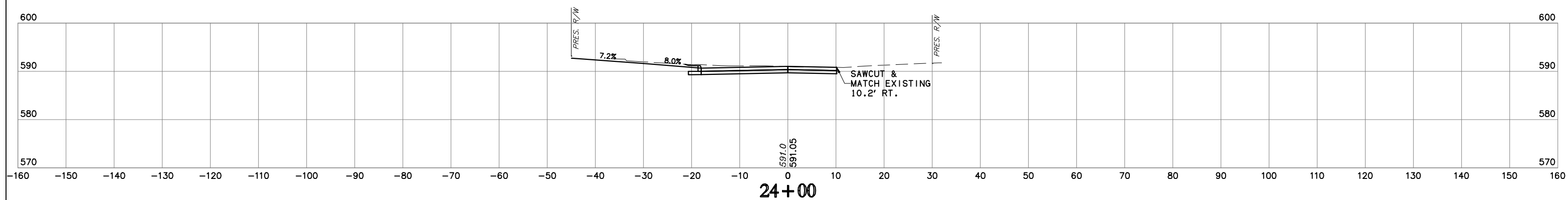
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

W. HANCOCK RD.

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XH2

HUB E. n. 9. 1. n. 9. 1. s.
 17/10/2020 5:00 PM PIV 5/16/2020
 (S:\2020\07\29\2020\500 PM PIV 5/16/2020\SECTION SUPPLEMENT 2 STATION\40-02100-0000.CROSS_SECTION.dwg)





NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

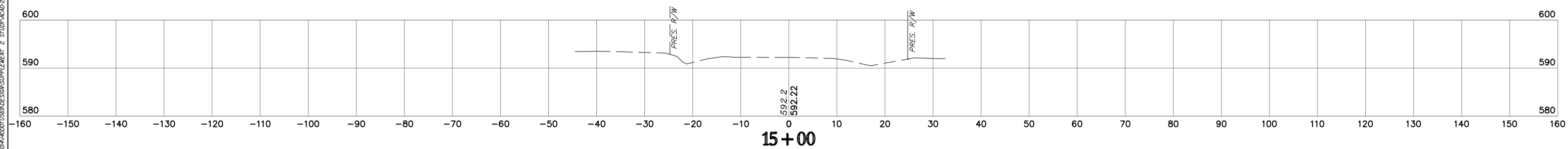
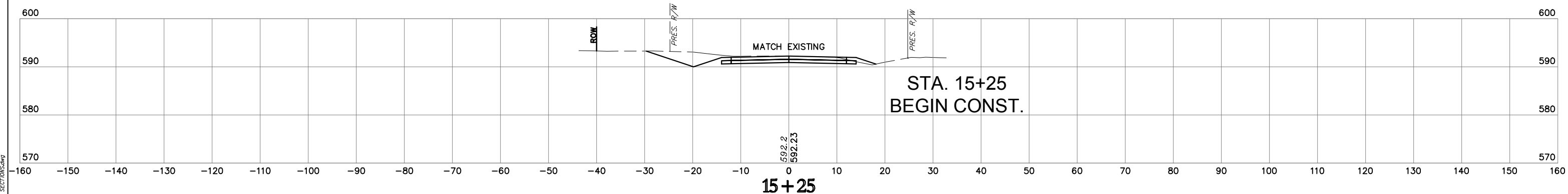
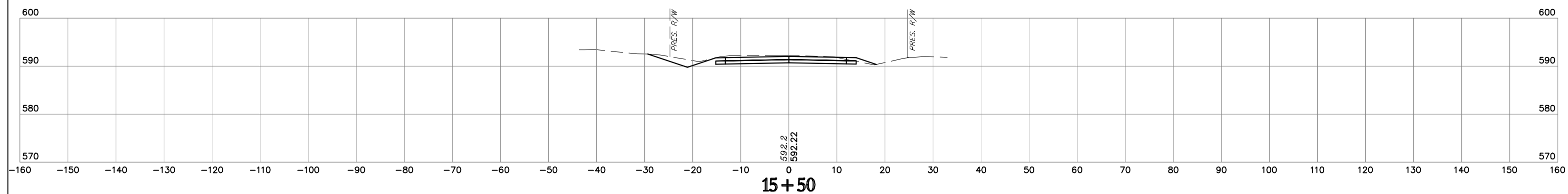
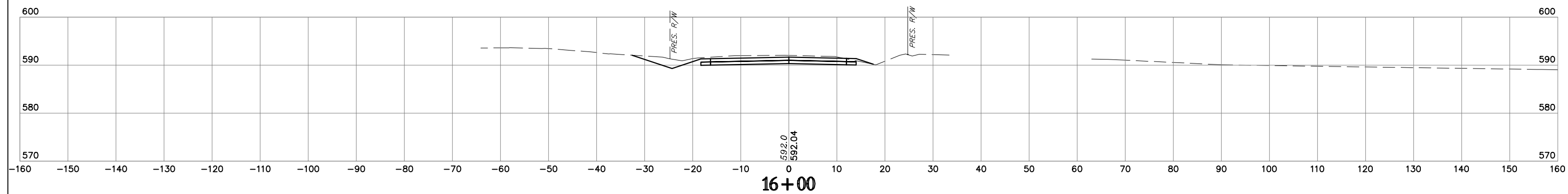
W. HANCOCK RD.

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY

SHEET NO. XH3

HUB E. n. g. i. n. g. e. e. r. s.
17100 N. 17th Ave., Suite 100, Oklahoma City, OK 73160
Tel: (405) 442-1111 Fax: (405) 442-1112
www.huber-engineers.com





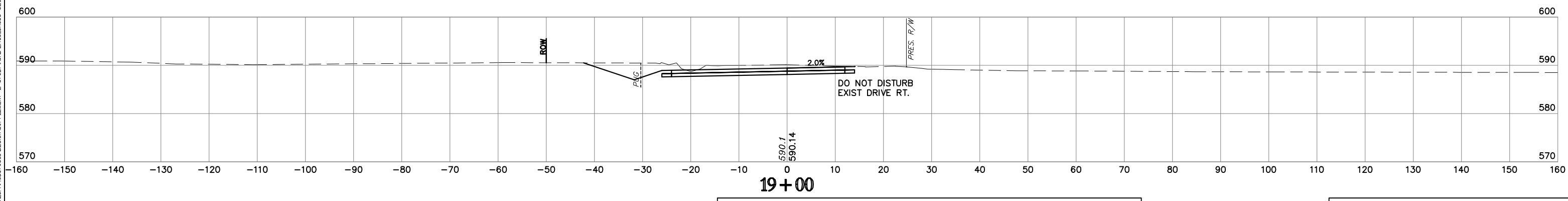
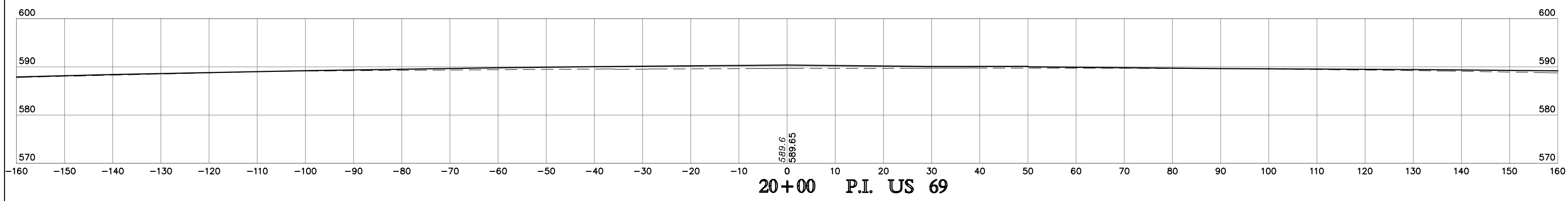
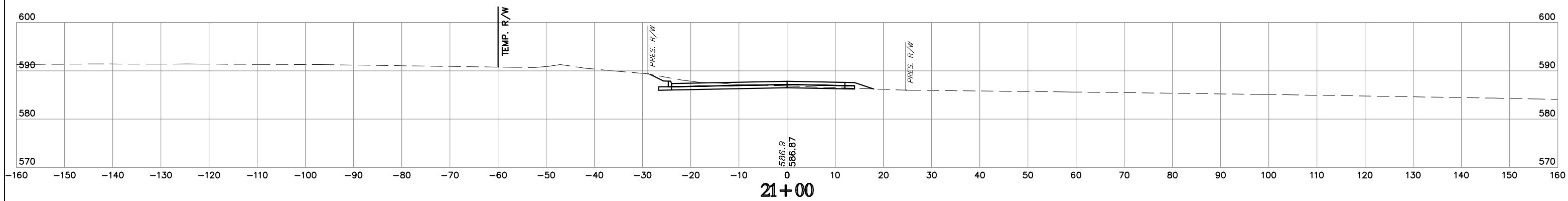
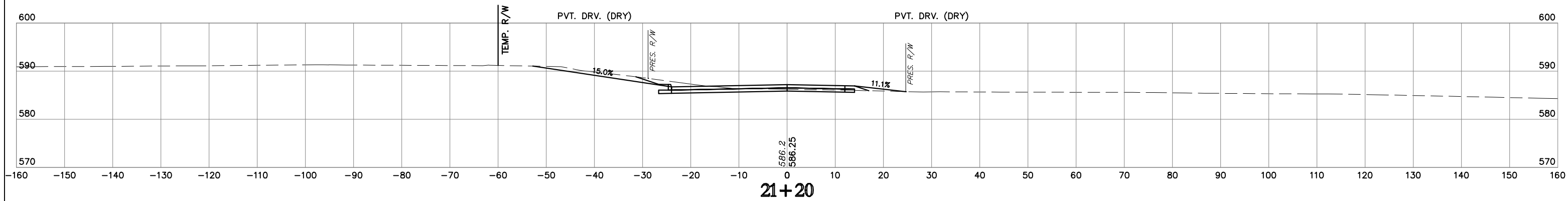
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

BORDER AVE.

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XB1

HUB E n o / n o e r s
Time of Plot: 7/29/2020 4:54 PM Plt: S:\m\HUBSO\CTB
S:\CHANDLER\DESIGN\CONSTRUCTION\SUPPLEMENT 2 STATION\40-27108-CROSS SECTIONS.dwg





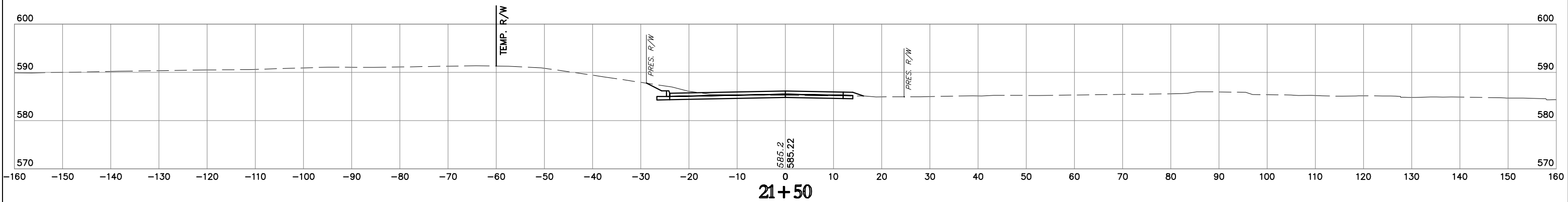
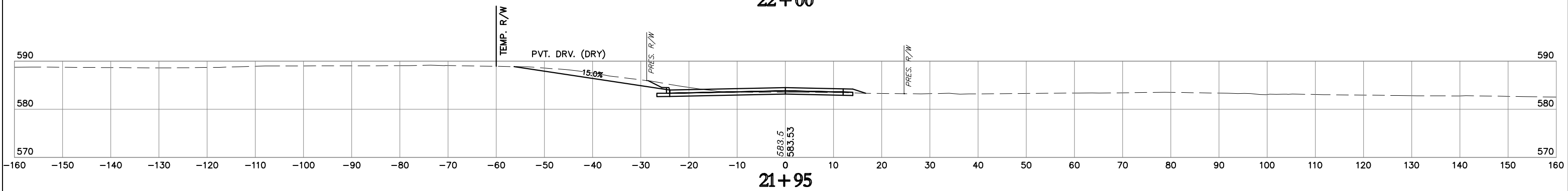
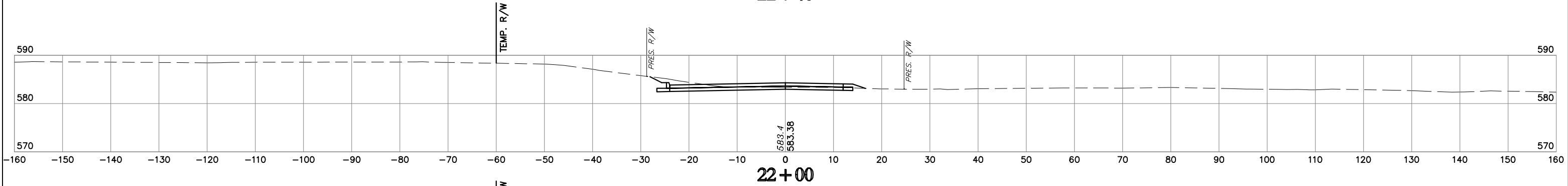
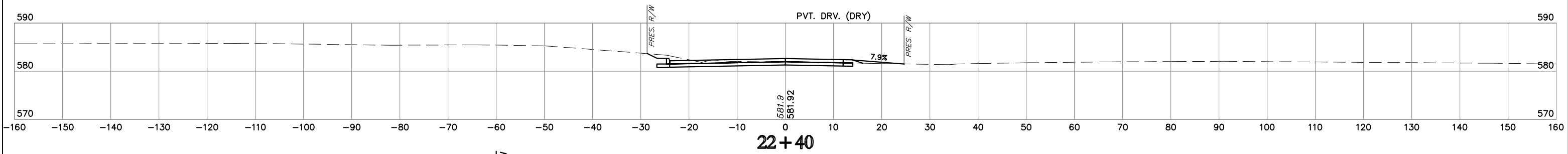
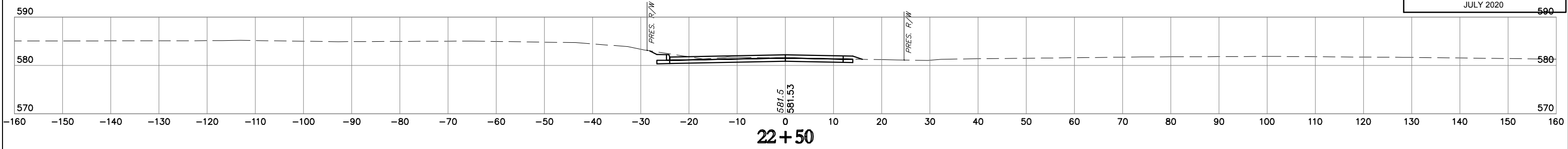
NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
 DEPTH OF UTILITIES IS UNKNOWN.

BORDER AVE.

STATE JOB NO. 27108(04)
 MUSKOGEE COUNTY SHEET NO. XB4

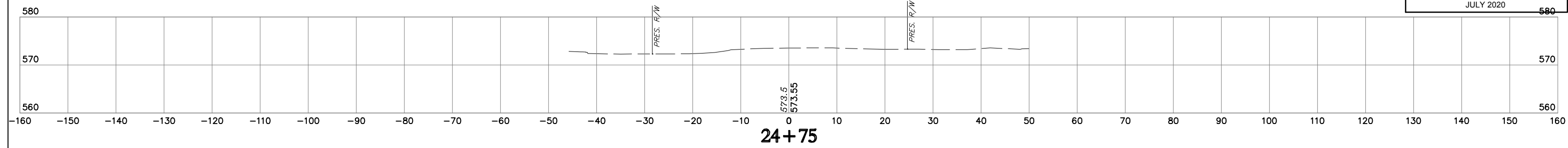
HUB E. n. g. l. n. e. e. r. s.
 17100 N. of Pkwy. 7/29/2020 4:57 PM Proj: HARBORCCTB
 (S:\2020\07\29\2020\HARBORCCTB\SECTION\SECTION2\STATION\49-219-001\LAB\CROSS_SECTION2.dwg)



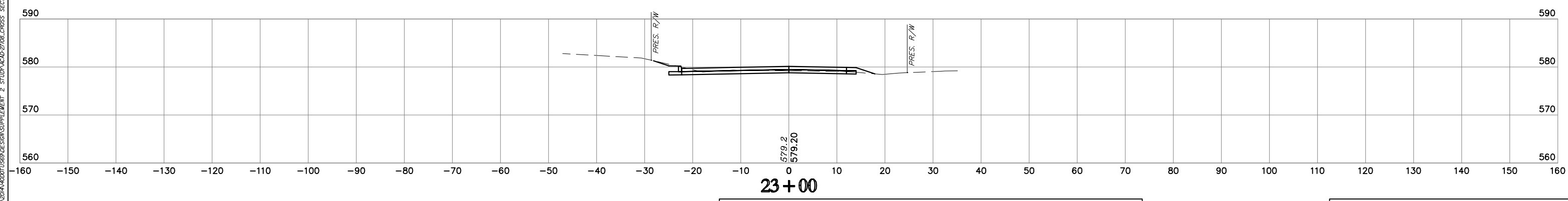
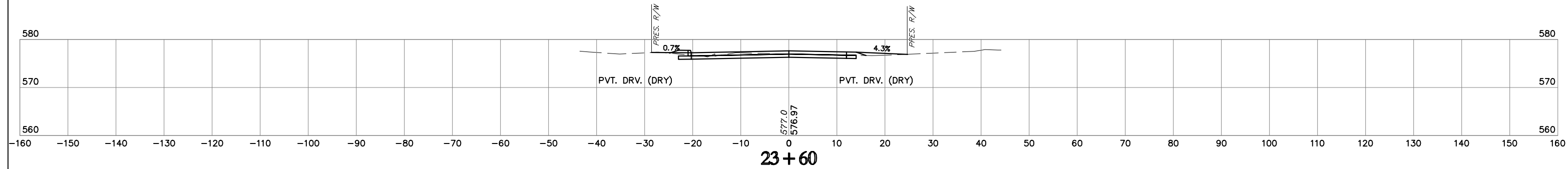
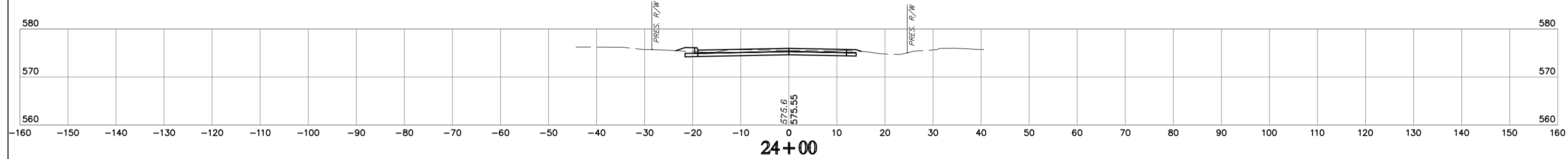
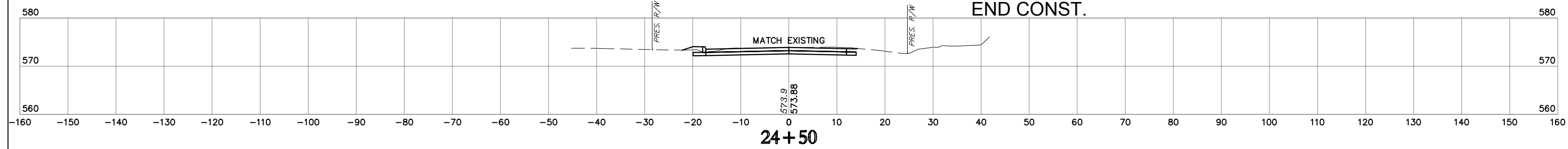


HUB E. n. g. i. n. e. e. r. s.
17/09/2020 4:58 PM PW 5/16 HPR50MCTB
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NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.



STA. 24+50
END CONST.



NOTE: LOCATION OF UTILITIES ARE APPROXIMATE.
DEPTH OF UTILITIES IS UNKNOWN.

BORDER AVE.

STATE JOB NO. 27108(04)
MUSKOGEE COUNTY
SHEET NO. XB6

HUB E. n. g. | n. e. e. r. s.
17/06/2020 4:59 PM PIV SHW: HRP050MCTB
S:\2020\07\29\2020\459_PIV_SHW\HUB E. n. g. | n. e. e. r. s. SECTIONS.dwg

