

INDEX OF SHEETS

06/17/2022 LETTING ITEM 231

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HIGHWAY STANDARDS: SEE SHEET #2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

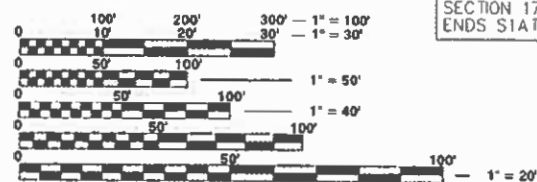
**PLANS FOR PROPOSED
FEDERAL-AID H.S.I.P. PROJECT**

JEFFERSON COUNTY
FAS 819 (CH 39)
SECTION: 17-00217-00-RS
PROJECT: A14M(523)
JOB NO.: C-99-043-18

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	1
FED. ROAD DIST. NO.		ILLINOIS	E.D.X.-IRVINGTON RD.	

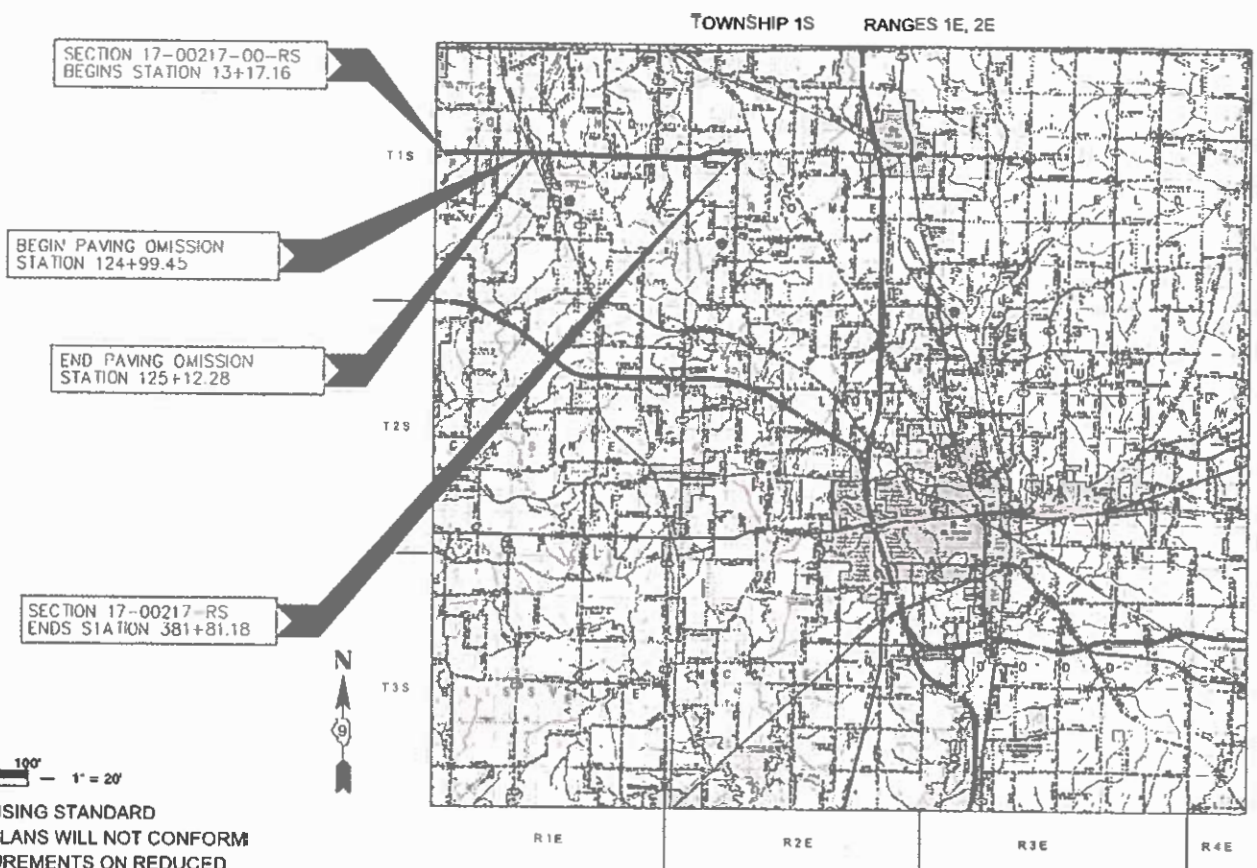


Know what's below.
Call before you dig.



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CONTRACT NO.: 99692
DESIGN CLASS - MAJOR COLLECTOR
CURRENT A.D.T. = 1950
DESIGN SPEED = 60 MPH



LOCATION MAP

APPROXIMATE SCALE: 0 4 8 MILE

GROSS LENGTH = 36,864.00 FEET (6.98 MILES)
OMMISSIONS = 68.00 FEET (0.01 MILES)
NET LENGTH = 36,796.00 FEET (6.97 MILES)

APPROVED: April 1 2022
[Signature]
COUNTY ENGINEER

PASSED: 4/15/22
[Signature]
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
4/15/22
[Signature]
REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



HAMPTON, LENZINI AND RENWICK, INC.
323 WEST THIRD STREET, P.O. BOX 160
M T CARMEL, ILLINOIS 62863
HLR
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP 184 000959

SUMMARY OF QUANTITIES


SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	
	20200100	EARTH EXCAVATION	CU YD	976	
	20400100	BORROW EXCAVATION	CU YD	24,349	
	20700110	POROUS GRANULAR EMBANKMENT	TON	2645	
	20800150	TRENCH BACKFILL	CU YD	563	
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,612	
△	25000312	SEEDING, CLASS 4A	ACRE	14.05	
△	25000314	SEEDING, CLASS 4B	ACRE	0.07	
△	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1266	
△	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1266	
△	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	68088	
	28100105	STONE RIPRAP, CLASS A3	SQ YD	44	
	28100107	STONE RIPRAP, CLASS A4	SQ YD	338	
	31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	66	
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	209	
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	81,326	

△ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	489	
	40600990	TEMPORARY RAMP	SQ YD	29.3	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,596	
	40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	9,354	
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	521	
	48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	3,465	
	48203100	HOT-MIX ASPHALT SHOULDERS	TON	5,439	
	50104400	CONCRETE HEADWALL REMOVAL	EACH	6	
	50105220	PIPE CULVERT REMOVAL	FOOT	553	
	54002020	EXPANSION BOLTS 3 / 4 INCH	EACH	50	
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	
	54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2	
	54001005	BOX CULVERT END SECTIONS, CULVERT NO. 5	EACH	2	
	54001006	BOX CULVERT END SECTIONS, CULVERT NO. 6	EACH	2	

△ SPECIALTY ITEMS

 HAMPTON, LENZINI AND RENWICK, INC. 323 WEST THIRD STREET, P.O. BOX 160 MT. CARMELO, ILLINOIS 62863 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 194.000938	PROJECT NO. - 21.0097.330	DESIGNED - XXX	REVISED - XXXX	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME - 210097.dwg	DRAWN - XXX	REVISED - XXXX		819	17-00217-00-RS	JEFFERSON	182	3			
	PLOT SCALE - X"=XX'	CHECKED - XXX	REVISED - XXXX		DIX-IRVINGTON ROAD / CH 39				CONTRACT NO. 99692			
	PLOT DATE - 08/04/2021	DATE - XXX	REVISED - XXXX		SCALE: X"=XX'	SHEET 1 OF 2 SHEETS	STA. XXX+XX.XX	TO STA. XXX+XX.XX	C-95-643-18 ILLINOIS FEDERAL AID PROJECT: A14M(52)			

SUMMARY OF QUANTITIES

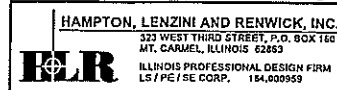
SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
	54001007	BOX CULVERT END SECTIONS, CULVERT NO. 7	EACH	2	
	54010705	PRECAST CONCRETE BOX CULVERTS 7' X 5'	FOOT	60	
	54011006	PRECAST CONCRETE BOX CULVERTS 10' X 6'	FOOT	49	
	54011106	PRECAST CONCRETE BOX CULVERTS 11' X 6'	FOOT	53	
	542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	60	
	542A2749	PIPE CULVERTS, CLASS A, TYPE 4 24"	FOOT	80	
	542A2761	PIPE CULVERTS, CLASS A, TYPE 4 36"	FOOT	163	
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	
	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	6	
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	7	
Δ	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2,527	
Δ	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	22	
	64200108	SHOULDER RUMBLE STRIPES, 8 INCH	FOOT	70,218	
	67100100	MOBILIZATION	L SUM	1	
	70100460	TRAFFIC CONTROL STANDARD 701306	L SUM	1	
	70100600	TRAFFIC CONTROL STANDARD 701336	L SUM	1	

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	150	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	7373	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2458	
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	197	
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	84	
Δ	72900100	METAL POST - TYPE A	FOOT	520	
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	132,558	
*	X0325893	CLEAN EXISTING END SECTION	EACH	14	
*	X0358300	REMOVE AND RELAY END SECTIONS	EACH	2	
*	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURE	SQ YD	336	
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	408	
*	Z0016702	DETOUR SIGNING	L SUM	1	
*	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	
*	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	
*	XX008385	CONCRETE REMOVAL (SPECIAL)	EACH	3	

Δ SPECIALTY ITEMS



PROJECT NO. - 21.0097.330	DESIGNED - XXX	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - XXX	REVISED - XXXX
PLOT SCALE - X=XX	CHECKED - XXX	REVISED - XXXX
PLOT DATE - 05/04/2021	DATE - XXX	REVISED - XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: X=XX SHEET 2 OF 2 SHEETS STA. XXX+XX.XX TO STA. XXX+XX.XX

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	4
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 09692		
C-99-043-16		ILLINOIS FEDERAL AID PROJECT: A14M(523)		

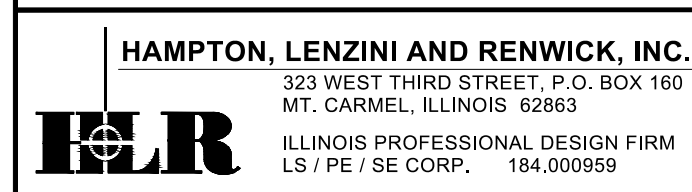
DRAINAGE SCHEDULE

LOCATION	20700110	20800150	28100105	28100107	44201723	50105220	5400100(1-7)	54002020	54010705	54011006	54011106	542A1921	542A2749	542A2761	54213669	54213681	59300100	X0325893*	X0358300**	X0900064	XX008385	
STA CL	POROUS GRANULAR EMBANKMENT (TON)	TRENCH BACKFILL (CU YD)	STONE RIPRAP CLASS A3 (SQ YD)	STONE RIPRAP CLASS A4 (SQ YD)	CLASS D PATCHES, TYPE IV, 6 INCH (SQ YD)	PIPE CULVERT REMOVAL (FOOT)	BOX CULVERT END SECTIONS, NO. 1-7 (EACH)	EXPANSION BOLTS 3 / 4 INCH (EACH)	BOX CULVERTS 7' X 5' (FOOT)	BOX CULVERTS 10' X 6' (FOOT)	BOX CULVERTS 11' X 6' (FOOT)	CLASS A, TYPE 3 36" (FOOT)	CLASS A, TYPE 4 24" (FOOT)	CLASS A, TYPE 4 36" (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" (EACH)	CONTROLLED LOW-STRENGTH MATERIAL (CU YD)	CLEAN END SECTION (EACH)	REMOVE AND RELAY (EACH)	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURE (SQ YD)	CONCRETE REMOVAL (SPECIAL) (EACH)	
13+87																	3.5	1	1			
39+92	7.0		44				2	14													14	1
52+25																		2				
68+15																		1				
77+21	11.0			85			2	18													8	1
120+34	22.0			55			2	18													14	1
131+35																						
135+33																						
152+34																						
169+06		155			35.0	92	2							100		2						
188+31		230			35.0	84																
188+55	837.0				145.0		2				53										137	
193+56		92			31.0	81							80		2							
197+89																						
207+55		86			25.0	74								63		2						
219+13	1256.0			69	126.0	78	2		60												78	
226+84																		2				
229+97	0.2				26.0	81						60				2						
240+36																						
243+47																						
253+87																			1			
267+00																	3.5	1	1			
289+53																		2				
292+00	512.0			129	98.0	63	2			49											85	
321+81																			2			
381+81																			1			
381+87																			1			
TOTALS	2645.2	563	44	338	521.0	553	14	50	60	49	53	60	80	163	2	6	7	14	2	336	3	

SEE HIGHWAY STANDARD 542201 FOR BOX CULVERT END SECTIONS NO. 4 (STA. 169+06)

*THE ABOVE QUANTITY REFLECTS APPROXIMATE LOCATION AND ESTIMATED QUANTITIES OF PIPE SECTIONS. THE ACTUAL AREAS SHALL BE LOCATED AND MARKED BY THE ENGINEER PRIOR TO REMOVAL. THE ABOVE QUANTITY IS INCLUDED IN CLEAN EXISTING END SECTION IN THE SUMMARY OF QUANTITIES.

**THE ABOVE QUANTITY REFLECTS APPROXIMATE LOCATION AND ESTIMATED QUANTITIES OF PIPE SECTIONS. THE ACTUAL AREAS SHALL BE LOCATED AND MARKED BY THE ENGINEER PRIOR TO REMOVAL. THE ABOVE QUANTITY IS INCLUDED IN REMOVE AND RELAY PIPE CULVERTS IN THE SUMMARY OF QUANTITIES.



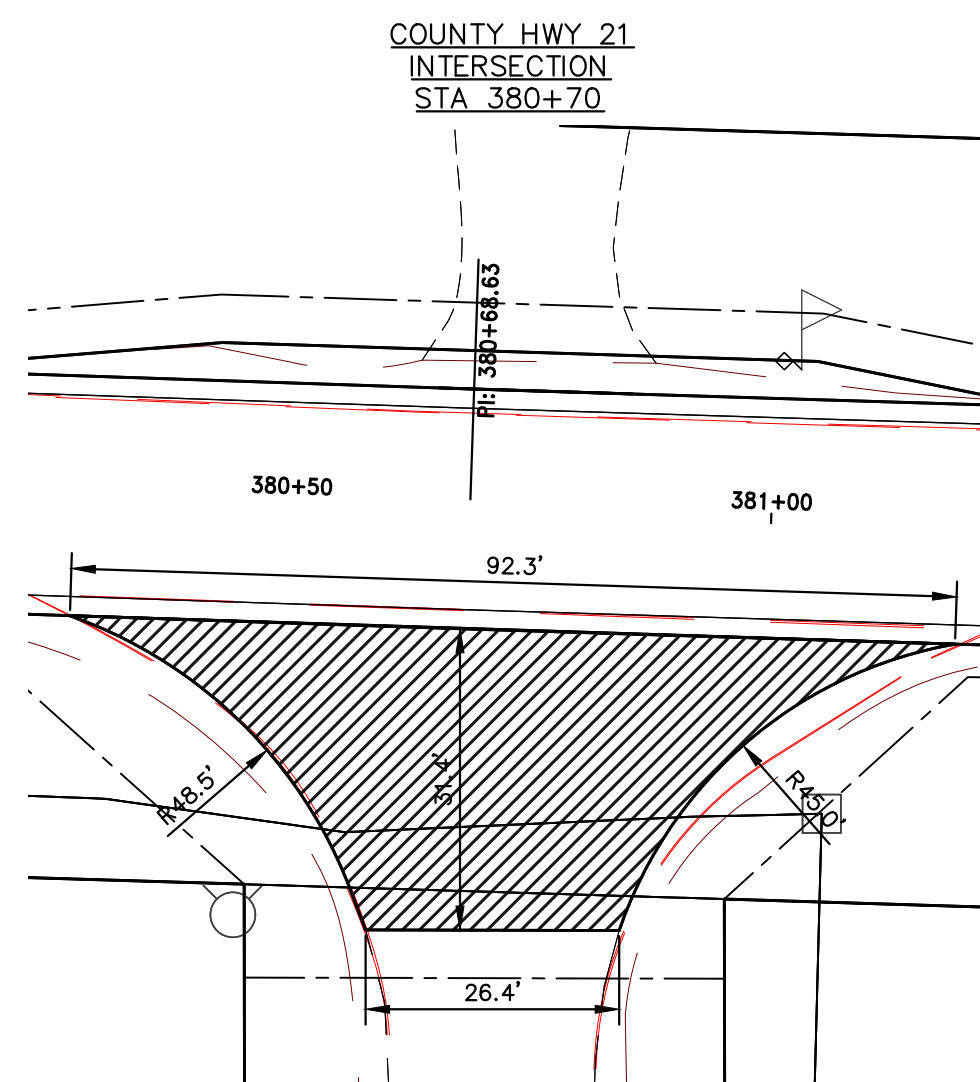
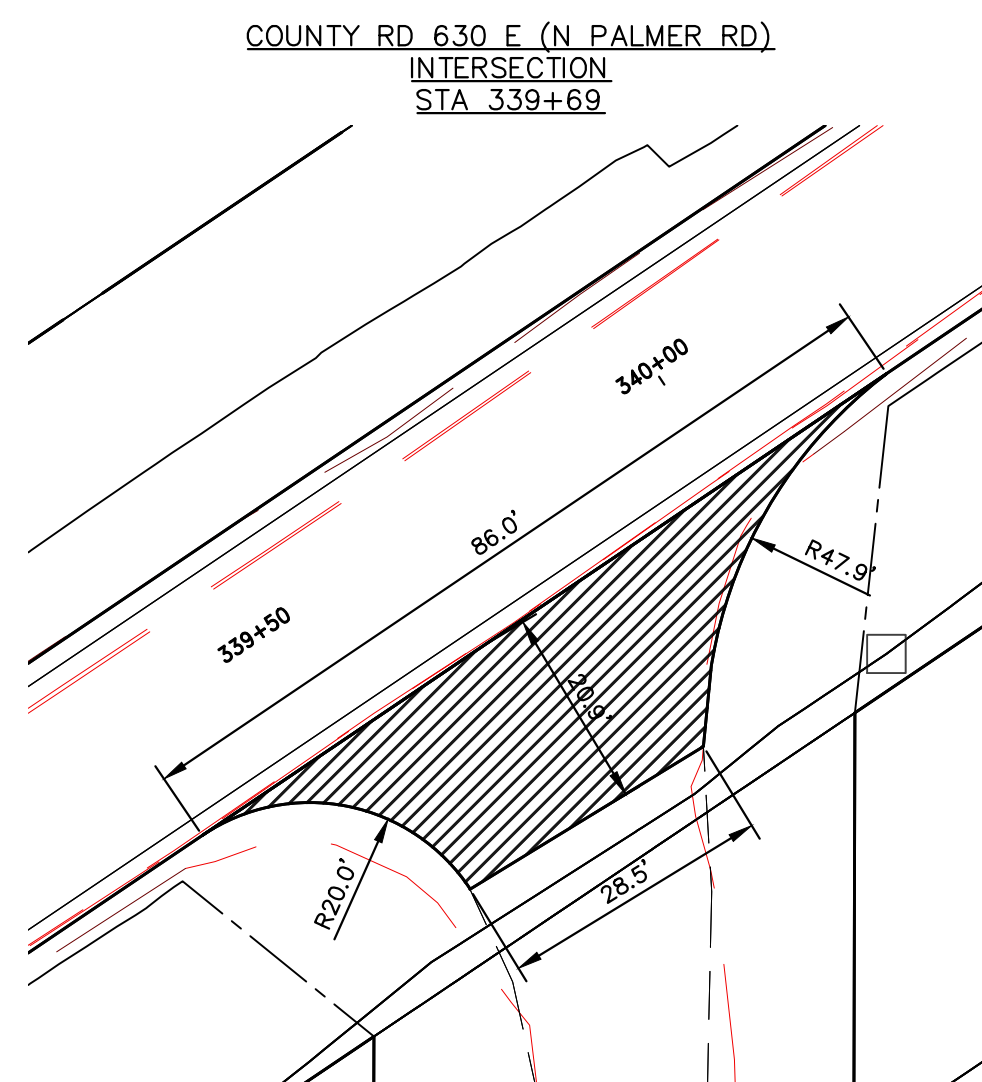
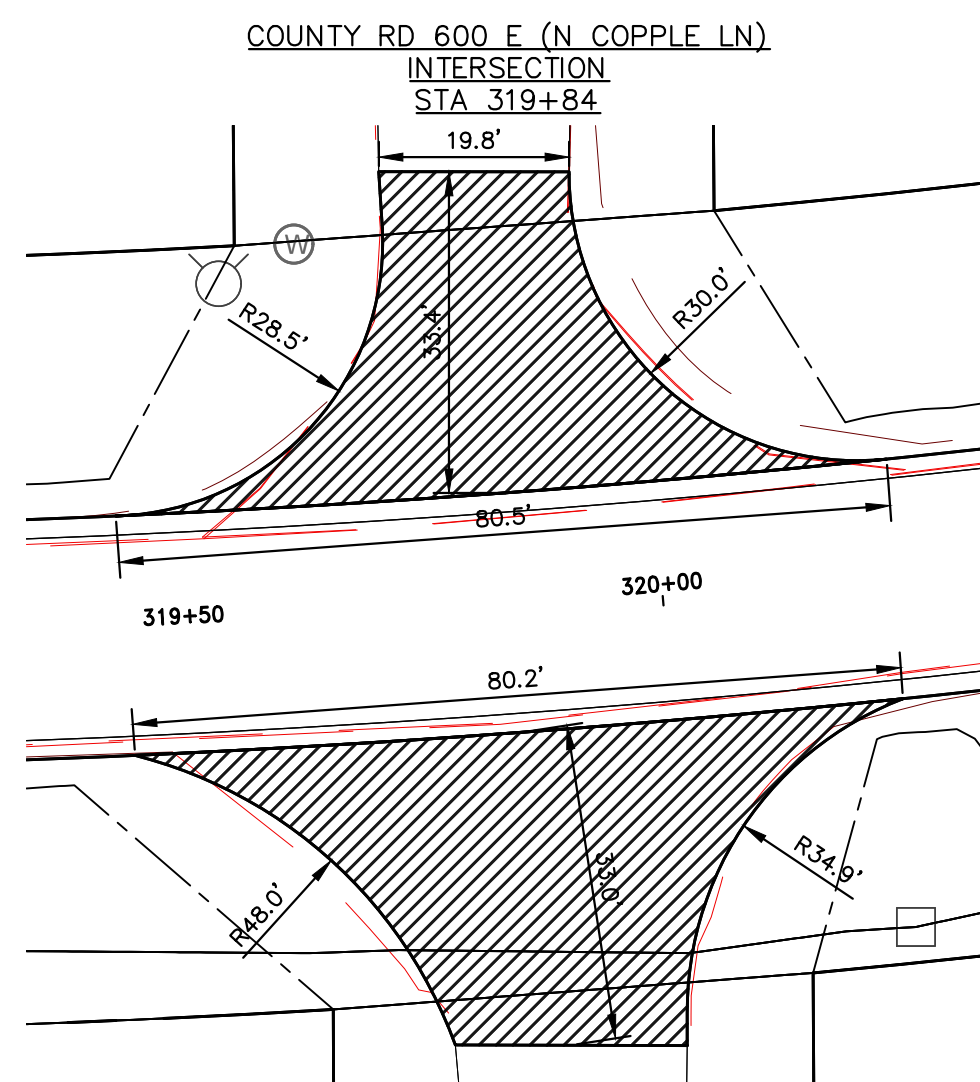
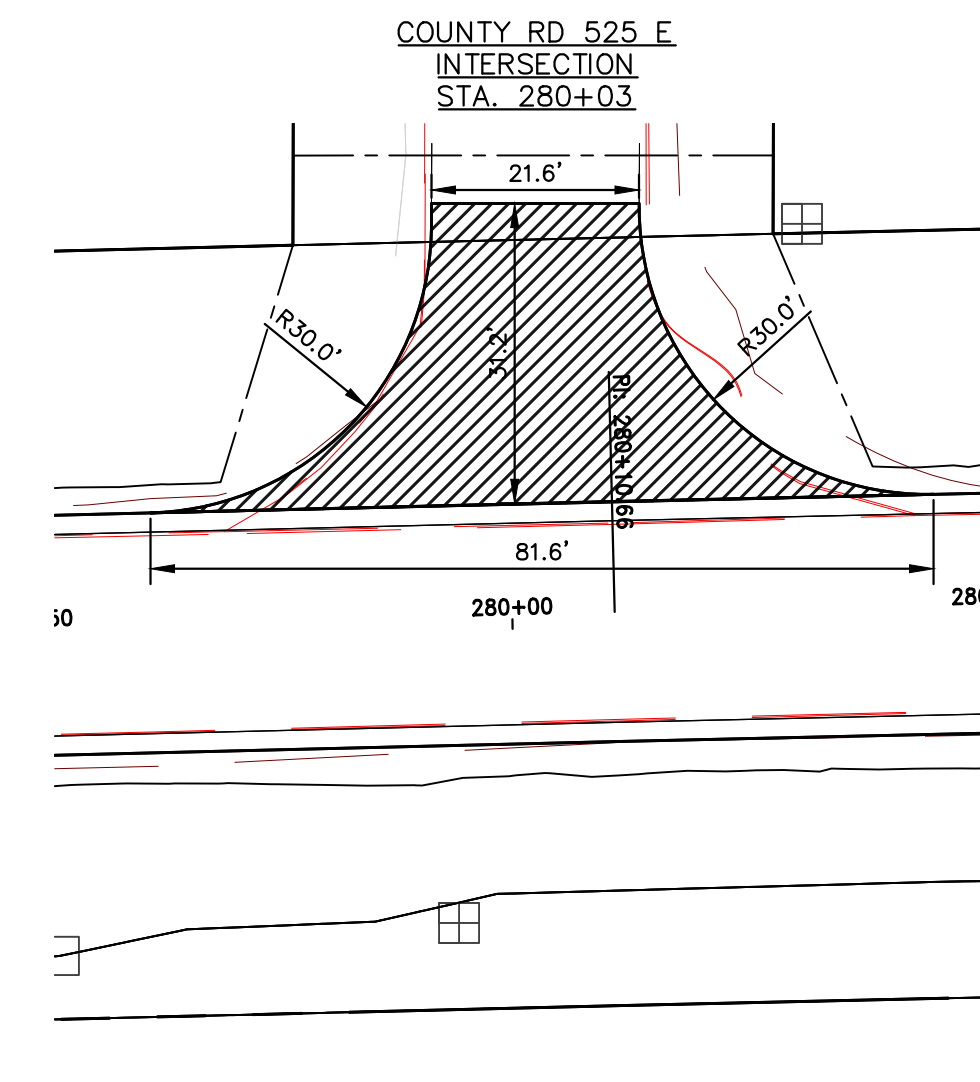
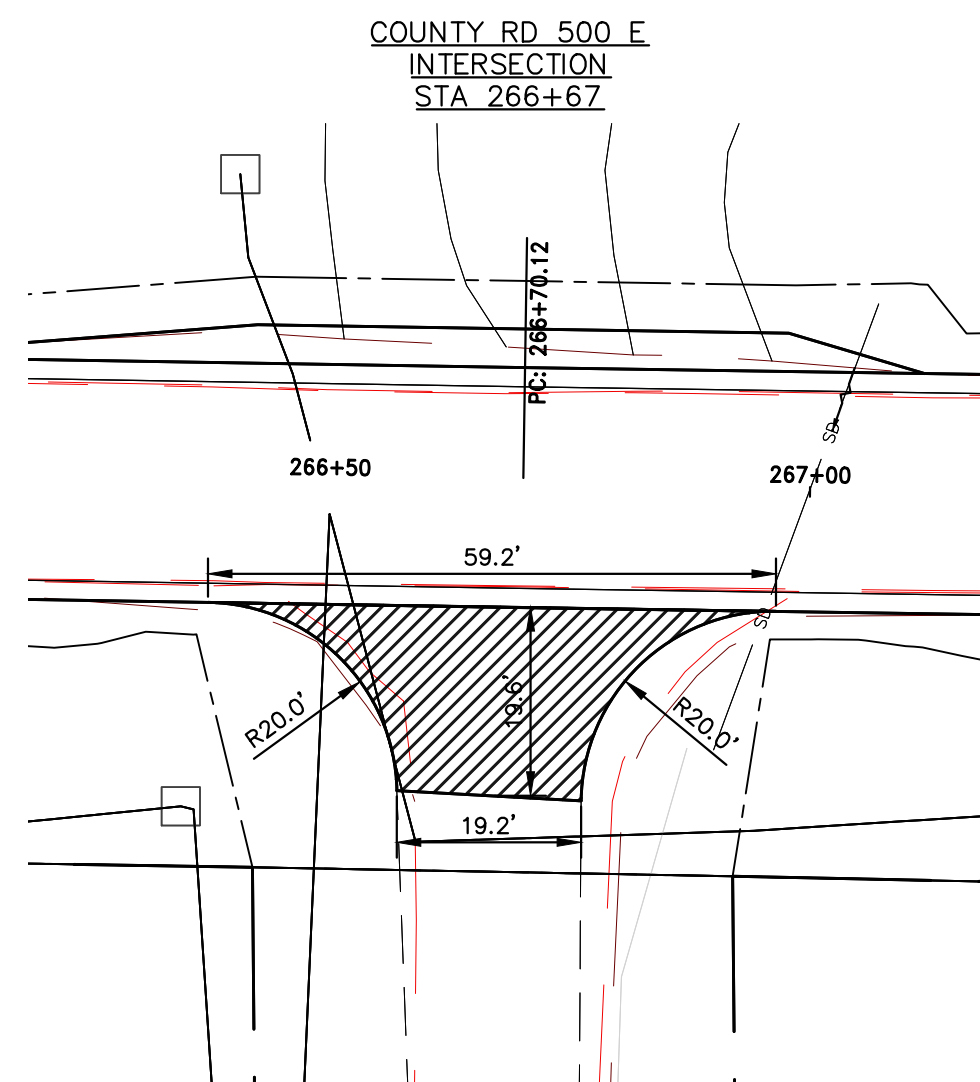
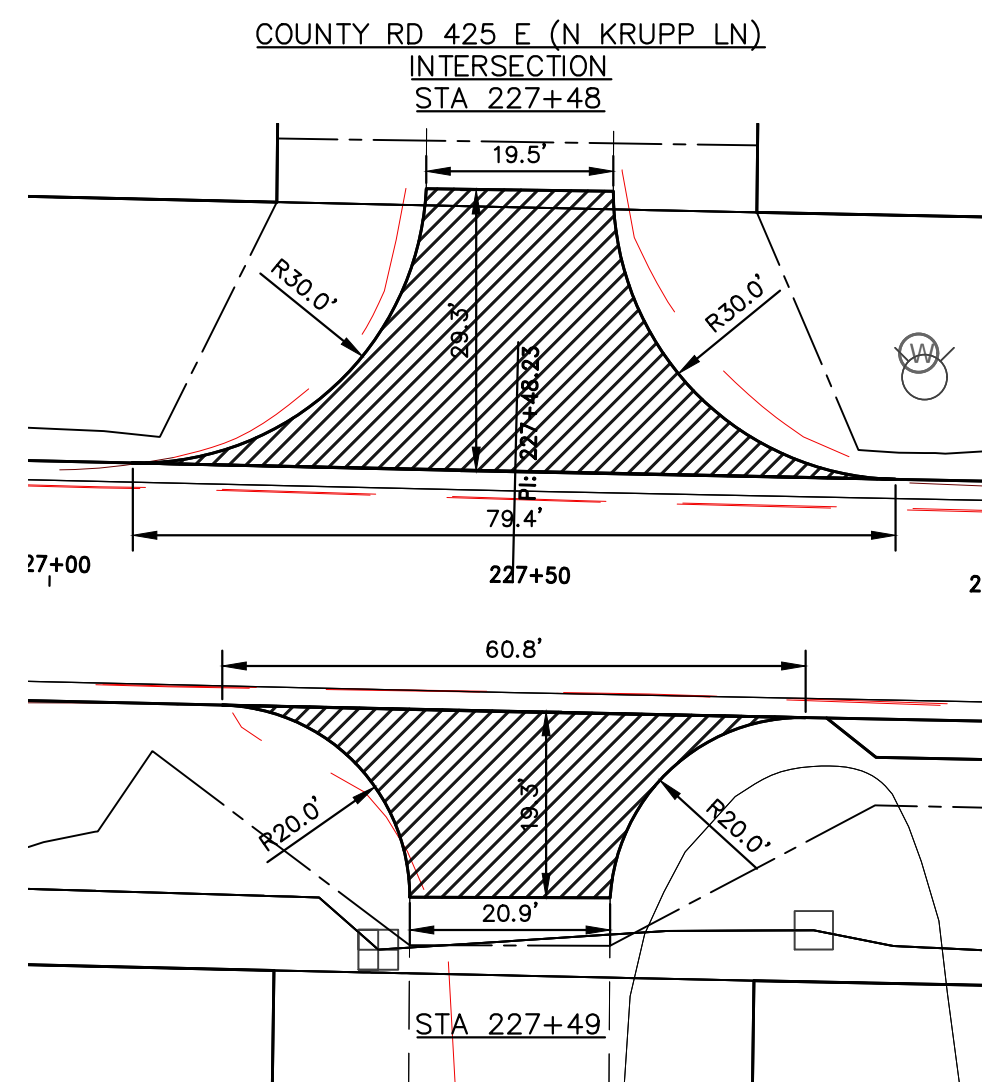
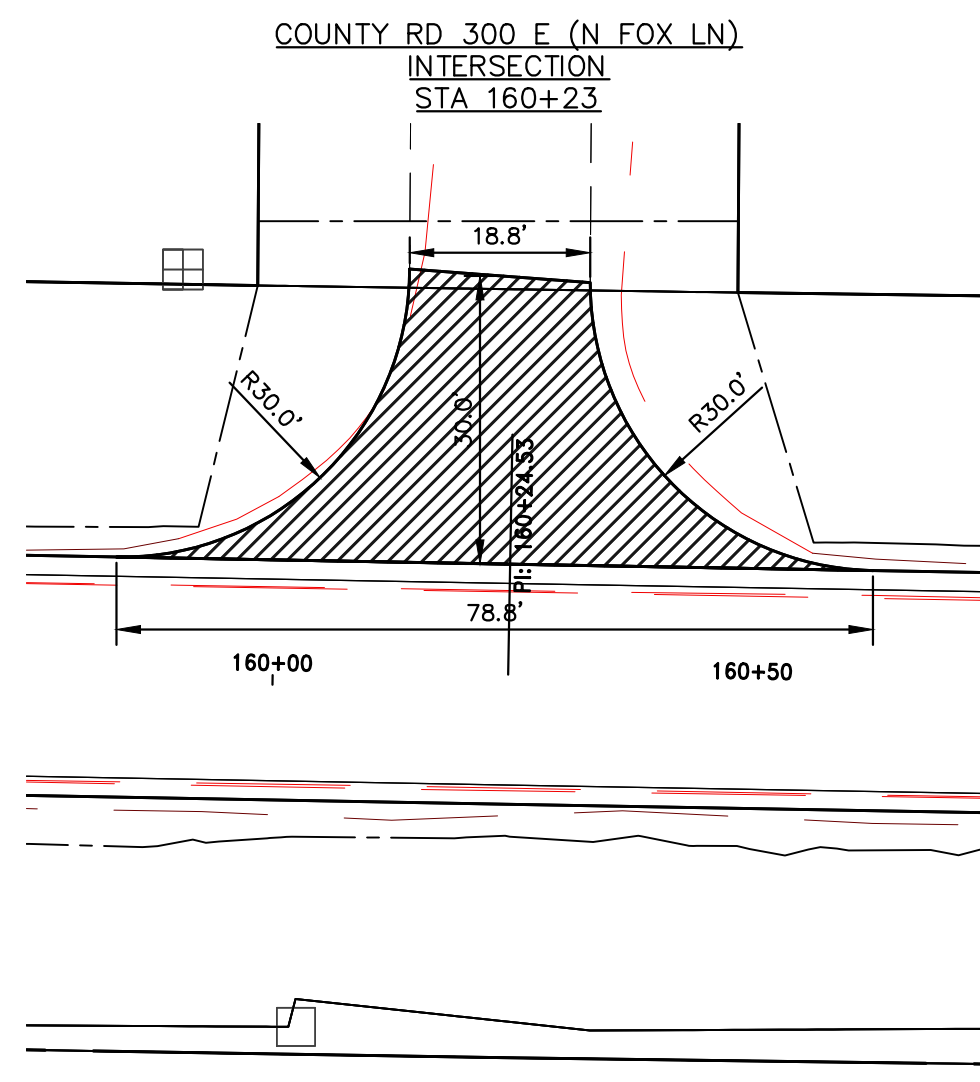
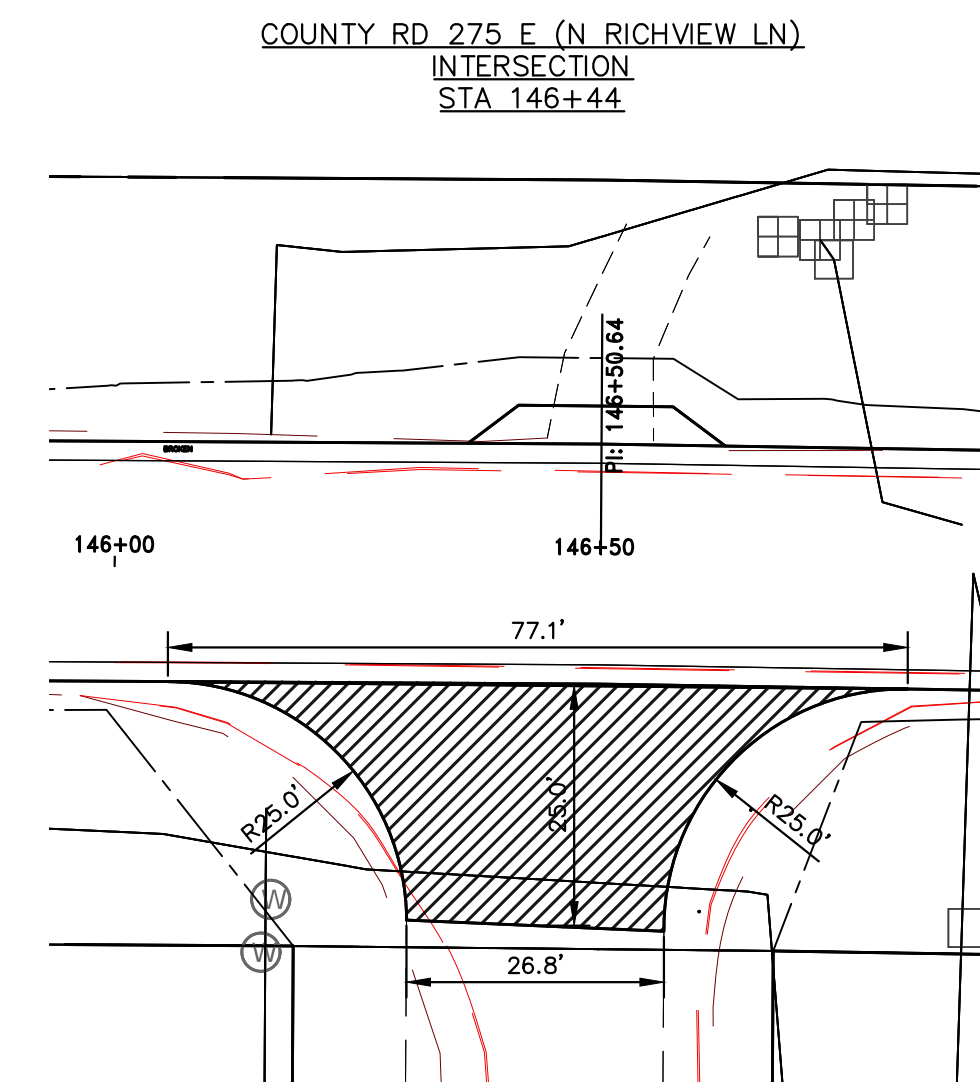
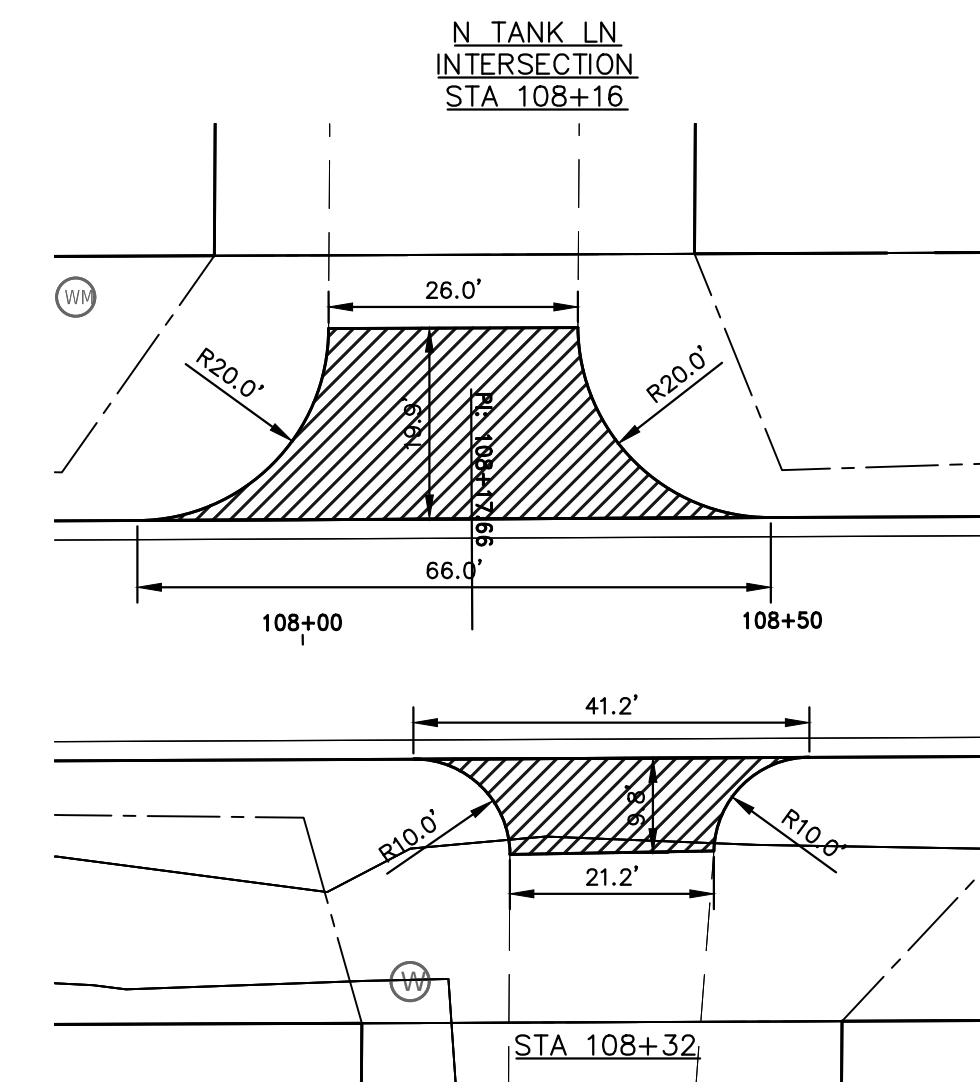
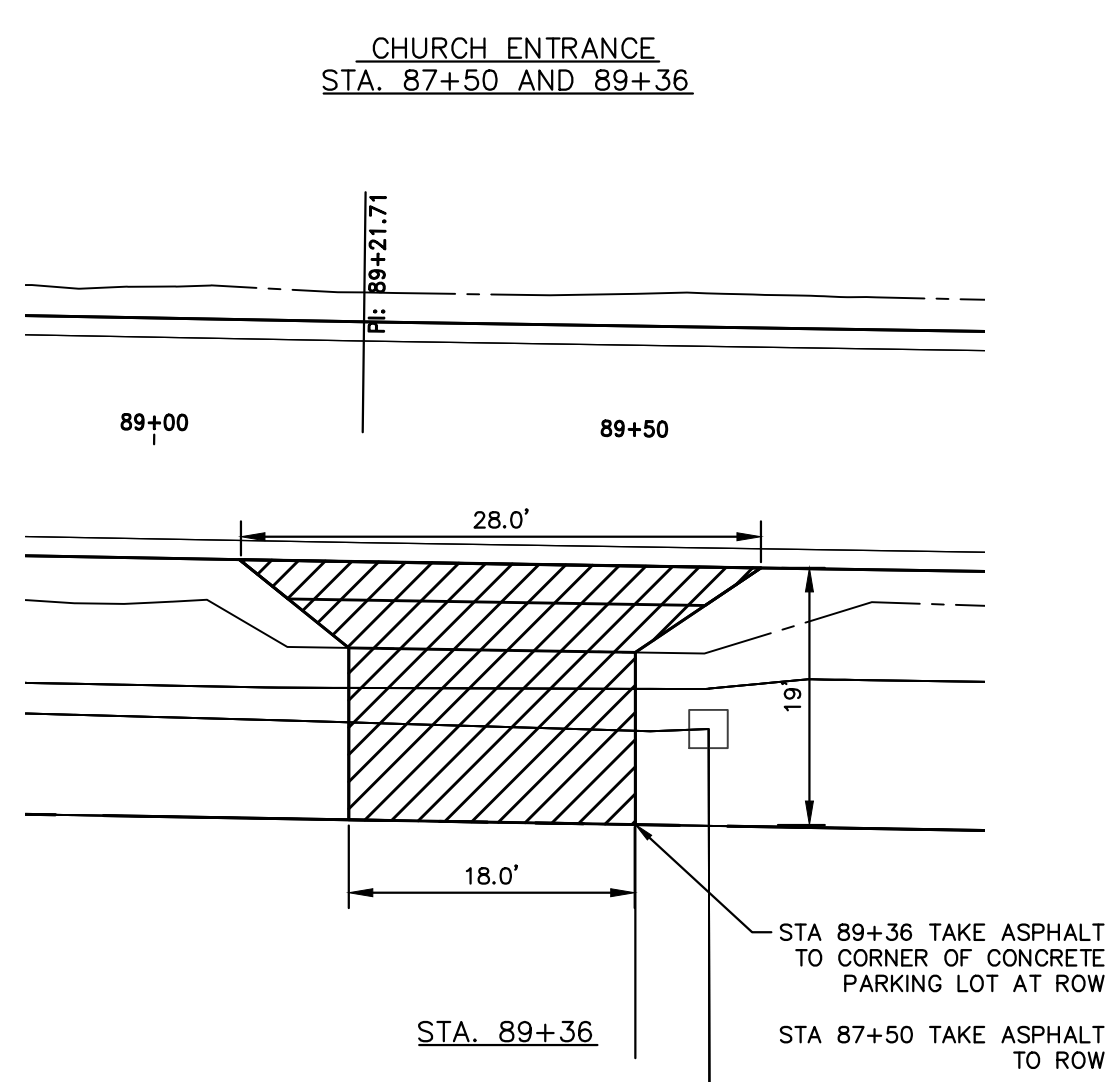
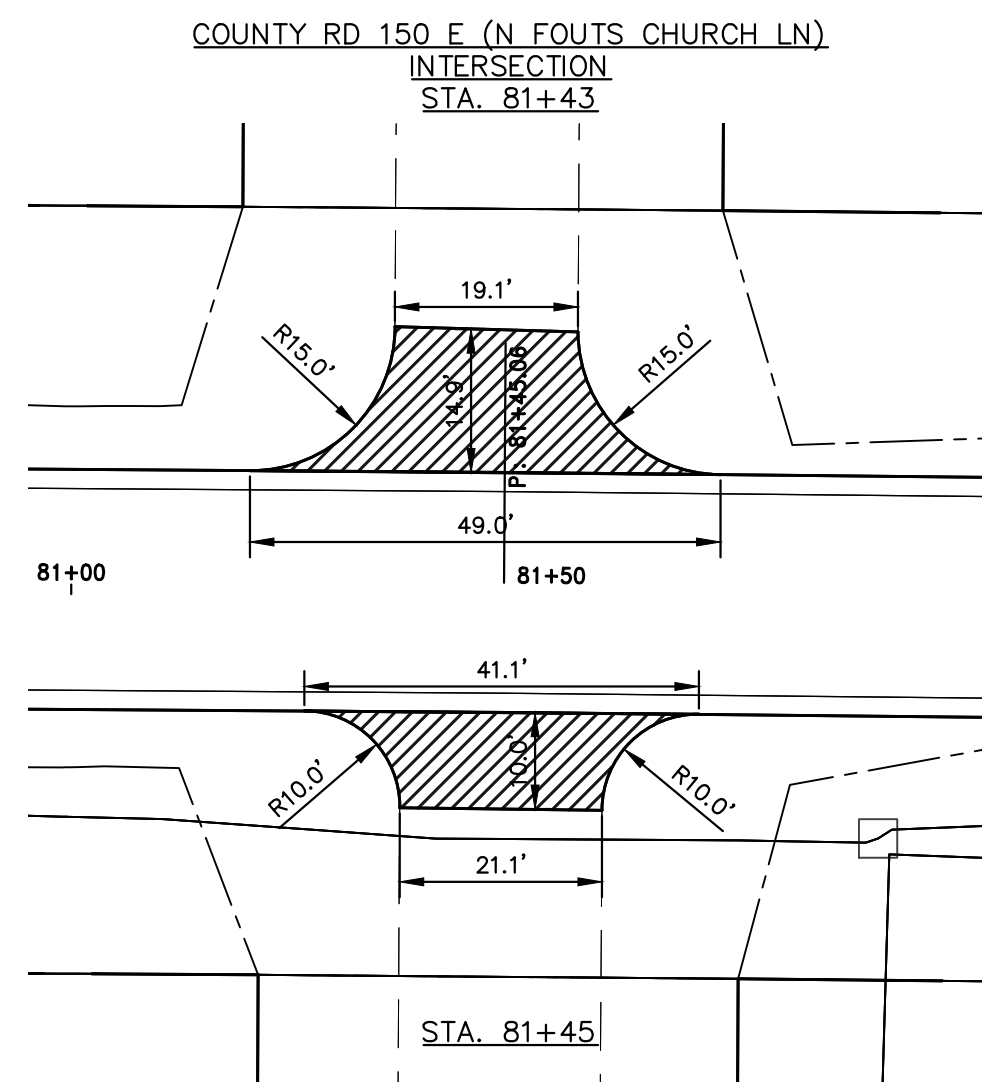
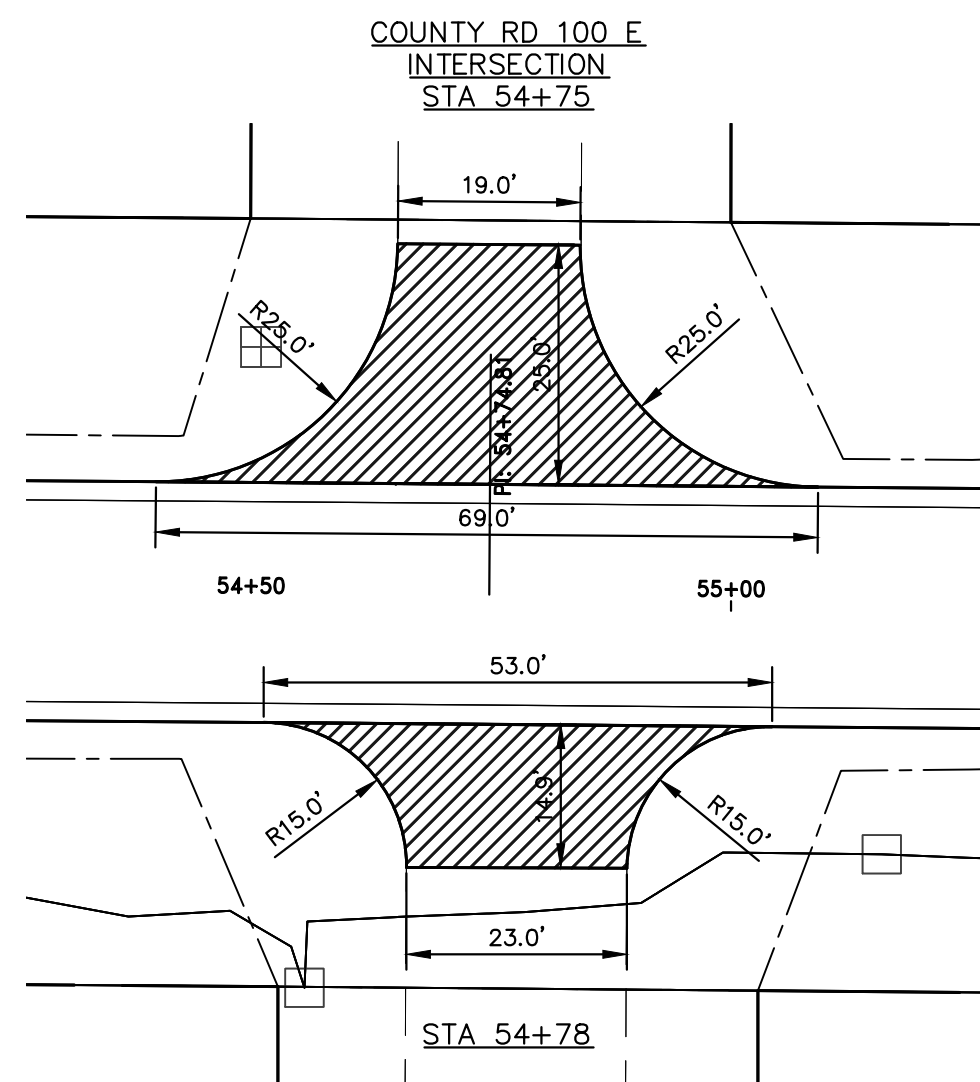
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FILE NAME - 210097.dwg	DRAWN - XXX	REVISED - XXXX
PLOT SCALE - X"=XX'	CHECKED - XXX	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - XXX	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES AND MISCELLANEOUS DETAILS

SCALE: X"=XX' SHEET 3 OF 3 SHEETS STA. XXX+XX.XX TO STA. XXX+XX.XX

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	7
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18		ILLINOIS FEDERAL AID PROJECT: A14M(523)		

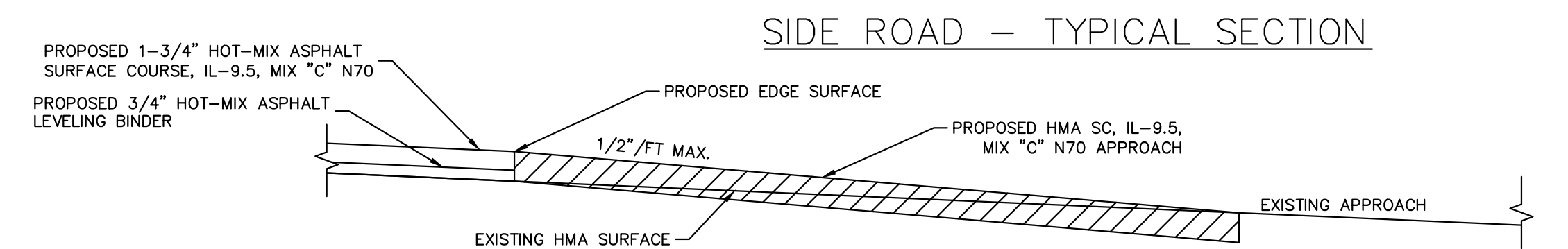


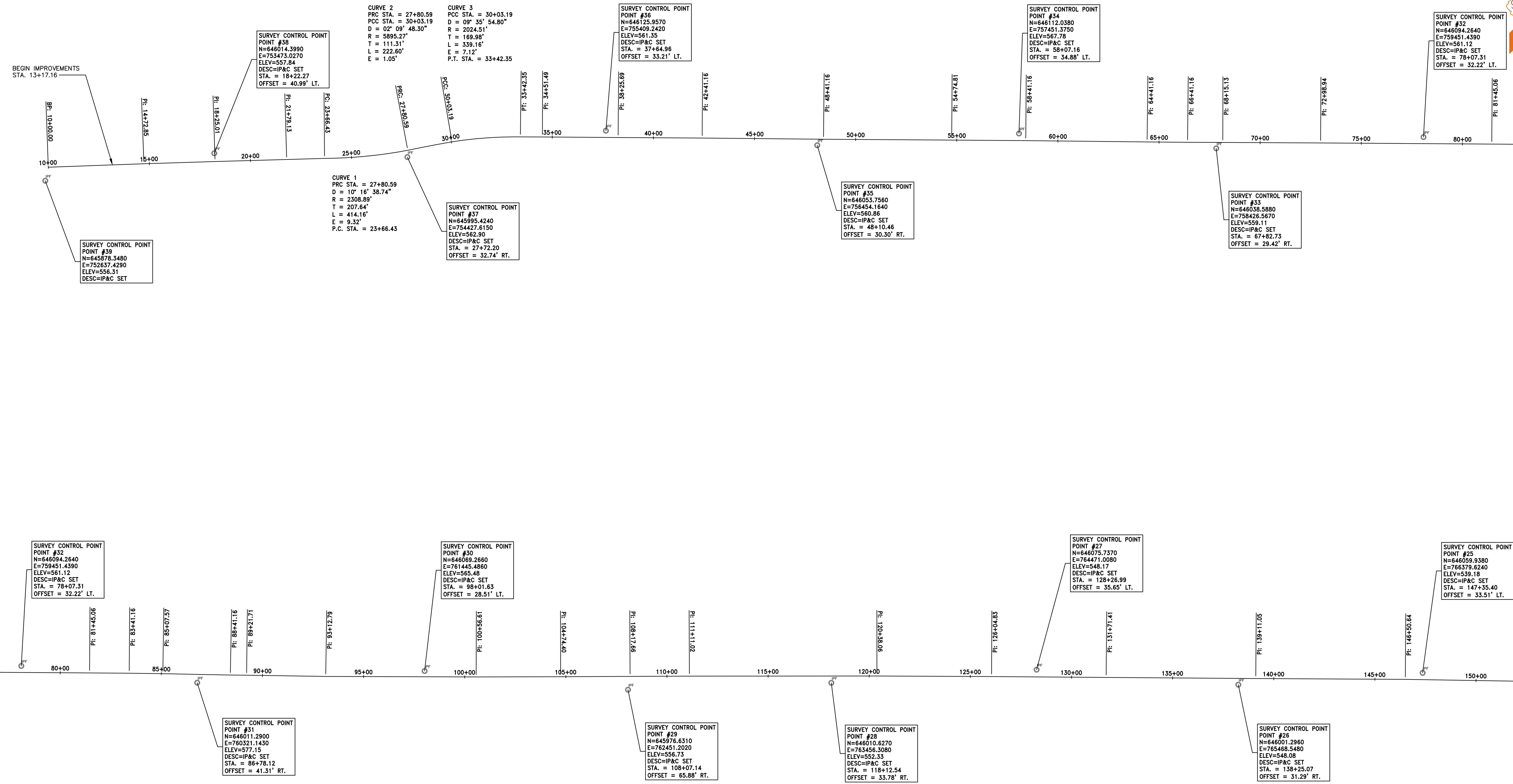
SCHEDULE OF SIDE ROADS

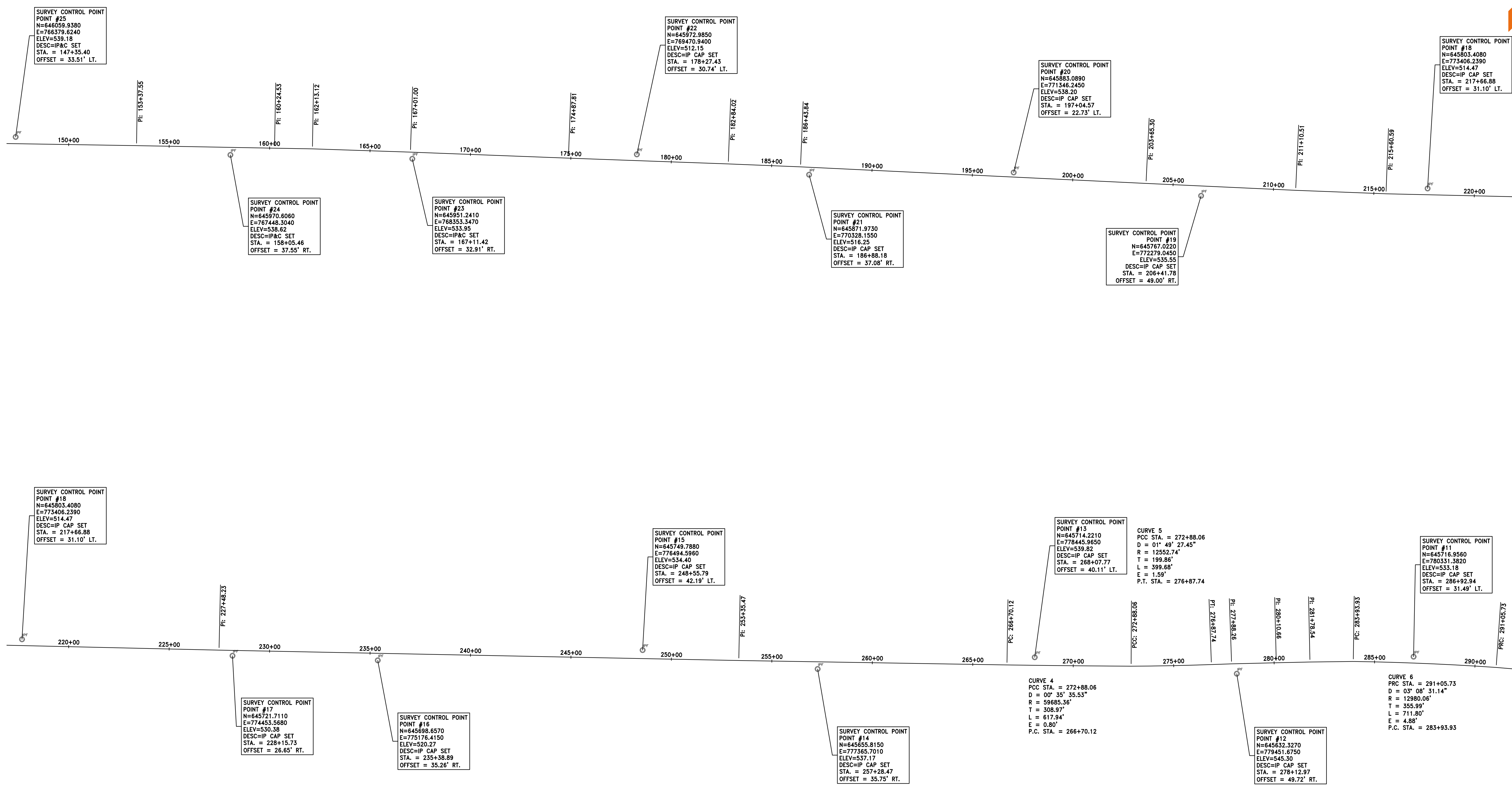
STATION	LOCATION	AREA (SQ. YD)	HMA SURFACE (TON)
54+75	LT	82.67	11.57
54+78	RT	48.89	6.84
81+43	LT	42.44	5.94
81+45	RT	28.33	3.97
108+16	LT	76.56	10.72
108+32	RT	28.00	3.92
146+44	RT	104.44	14.62
160+23	LT	105.67	14.79
227+48	LT	106.22	14.87
227+49	RT	64.00	8.96
266+67	RT	61.00	8.54
280+03	LT	118.11	16.54
319+84	LT	115.11	16.12
319+84	RT	120.00	16.80
339+69	RT	87.22	12.21
380+70	RT	132.22	18.51

TOTAL (TONS) = 184.92

NOTE: QUANTITY SHOWN SHALL BE INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE, IL19.0, MIX "C".







HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

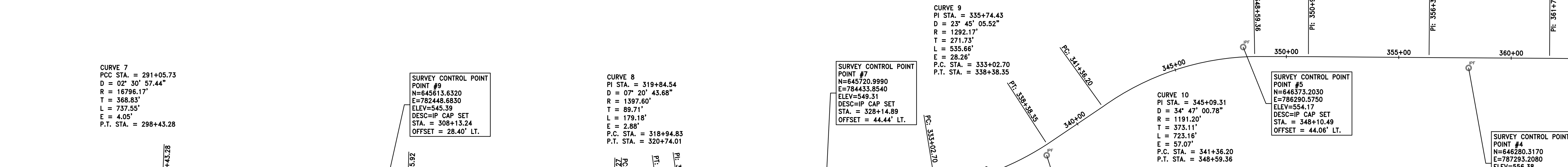
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - XXX	REVISED - XXXX
PLOT SCALE - X"=XX'	CHECKED - SEK	REVISED - XXXX
PLOT DATE - 06/08/2021	DATE - SAA	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=250' SHEET 2 OF 3 SHEETS STA. 150+00.00 TO STA. 290+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	10
DIX-IRVINGTON ROAD / CH 39			CONTRACT NO. 99692	
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



CURVE 7
 PCC STA. = 291+05.73
 D = 02° 30' 57.44"
 R = 16796.17'
 T = 368.83'
 L = 737.55'
 E = 4.05'
 P.T. STA. = 298+43.28

SURVEY CONTROL POINT #9
 N=645613.6320
 E=782448.6830
 ELEV=545.39
 DESC=IP CAP SET
 STA. = 308+13.24
 OFFSET = 28.40' LT.

CURVE 8
 PI STA. = 319+84.54
 D = 07° 20' 43.68"
 R = 1397.60'
 T = 89.71'
 L = 179.18'
 E = 2.88'
 P.C. STA. = 318+94.83
 P.T. STA. = 320+74.01

SURVEY CONTROL POINT #7
 N=645720.9990
 E=784443.8540
 ELEV=549.31
 DESC=IP CAP SET
 STA. = 328+14.89
 OFFSET = 44.44' LT.

CURVE 9
 PI STA. = 335+74.43
 D = 23° 45' 05.52"
 R = 1292.17'
 T = 271.73'
 L = 535.66'
 E = 28.26'
 P.C. STA. = 333+02.70
 P.T. STA. = 338+38.35

CURVE 10
 PI STA. = 345+09.31
 D = 34° 47' 00.78"
 R = 1191.20'
 T = 373.11'
 L = 723.16'
 E = 57.07'
 P.C. STA. = 341+36.20
 P.T. STA. = 348+59.56

SURVEY CONTROL POINT #5
 N=646373.2030
 E=786290.5750
 ELEV=554.17
 DESC=IP CAP SET
 STA. = 348+10.49
 OFFSET = 44.06' LT.

SURVEY CONTROL POINT #4
 N=646280.3170
 E=787293.2080
 ELEV=556.38
 DESC=IP CAP SET
 STA. = 358+10.93
 OFFSET = 44.84' RT.

SURVEY CONTROL POINT #10
 N=645582.6450
 E=781443.1240
 ELEV=537.74
 DESC=IP CAP SET
 STA. = 298+09.61
 OFFSET = 34.31' RT.

SURVEY CONTROL POINT #8
 N=645522.8160
 E=783447.8560
 ELEV=547.72
 DESC=IP CAP SET
 STA. = 318+14.78
 OFFSET = 33.32' RT.

SURVEY CONTROL POINT #6
 N=645891.4240
 E=785416.6660
 ELEV=552.90
 DESC=IP CAP SET
 STA. = 338+10.51
 OFFSET = 40.14' RT.

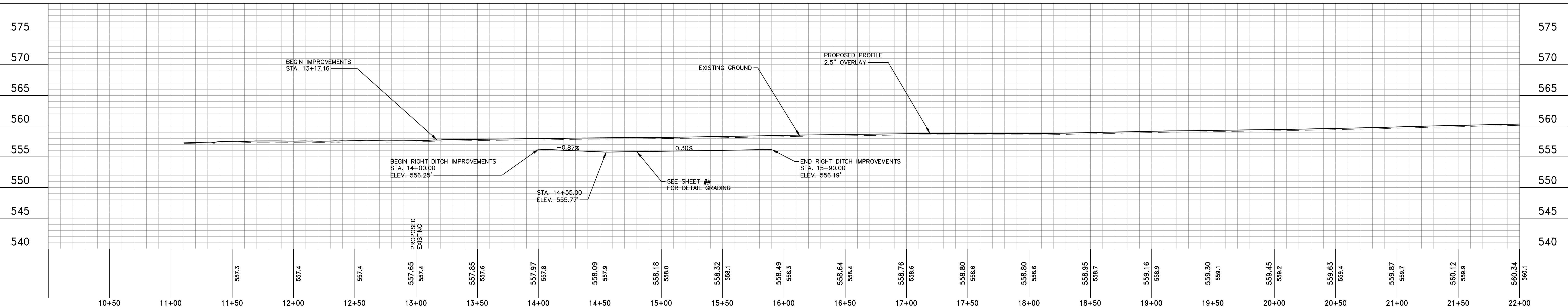
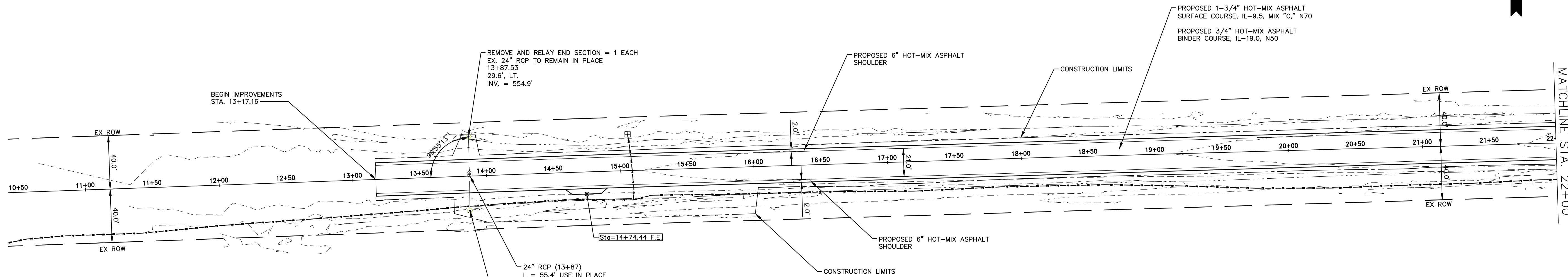
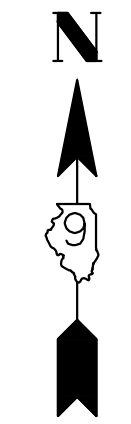
SURVEY CONTROL POINT #3
 N=646354.5760
 E=788295.7630
 ELEV=557.74
 DESC=IP CAP SET
 STA. = 368+12.28
 OFFSET = 39.35' LT.

SURVEY CONTROL POINT #1
 N=646298.8130
 E=789800.9140
 ELEV=552.93
 DESC=IP CAP SET
 STA. = 383+18.21
 OFFSET = 30.72' LT.

SURVEY CONTROL POINT #4
 N=646280.3170
 E=787293.2080
 ELEV=556.38
 DESC=IP CAP SET
 STA. = 358+10.93
 OFFSET = 44.84' RT.

SURVEY CONTROL POINT #2
 N=646246.7260
 E=789293.0440
 ELEV=554.03
 DESC=IP CAP SET
 STA. = 378+12.30
 OFFSET = 37.75' RT.

END IMPROVEMENTS
 STA. 381+81.18



10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00
		557.3	557.4	557.4	557.65 557.4	557.85 557.6	557.97 557.8	558.09 557.9	558.18 558.0	558.32 558.1	558.49 558.3	558.64 558.4	558.76 558.6	558.80 558.6	558.80 558.6	558.95 558.7	559.16 558.9	559.30 559.1	559.45 559.2	559.63 559.4	559.87 559.7	560.12 559.9	560.34 560.1

HAMPTON, LENZINI AND RENWICK, INC.
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 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

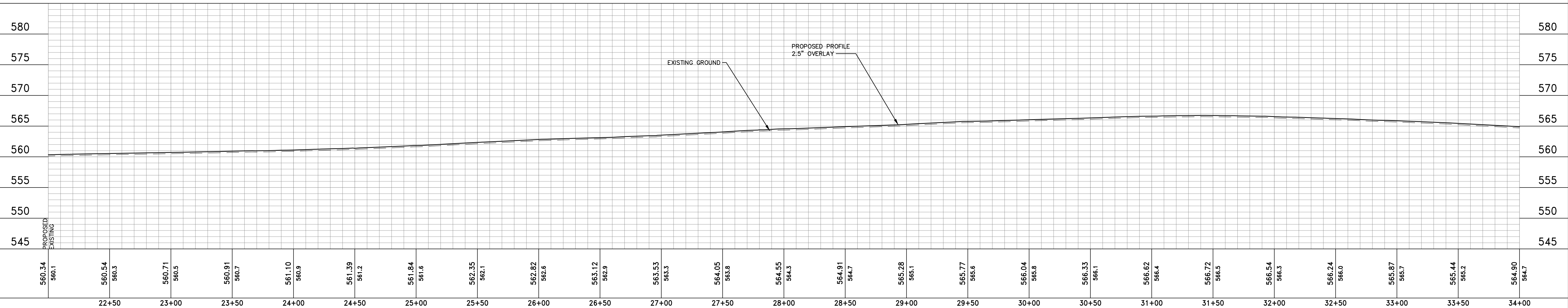
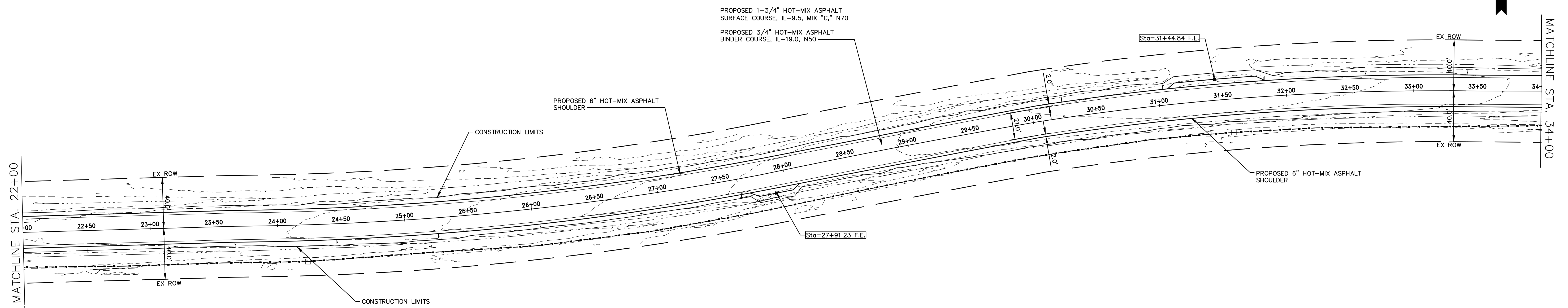
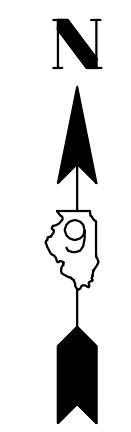
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 1 OF 31 SHEETS STA. 10+00.00 TO STA. 22+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	12
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



560.34 560.1	560.54 560.3	560.71 560.5	560.91 560.7	561.10 560.9	561.39 561.2	561.84 561.6	562.35 562.1	562.82 562.6	563.12 562.9	563.53 563.3	564.05 563.8	564.55 564.3	564.91 564.7	565.28 565.1	565.77 565.6	566.04 565.8	566.33 566.1	566.62 566.4	566.72 566.5	566.54 566.3	566.24 566.0	565.87 565.7	565.44 565.2	564.90 564.7
22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00	

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 LS / PE / SE CORP. 184.000959

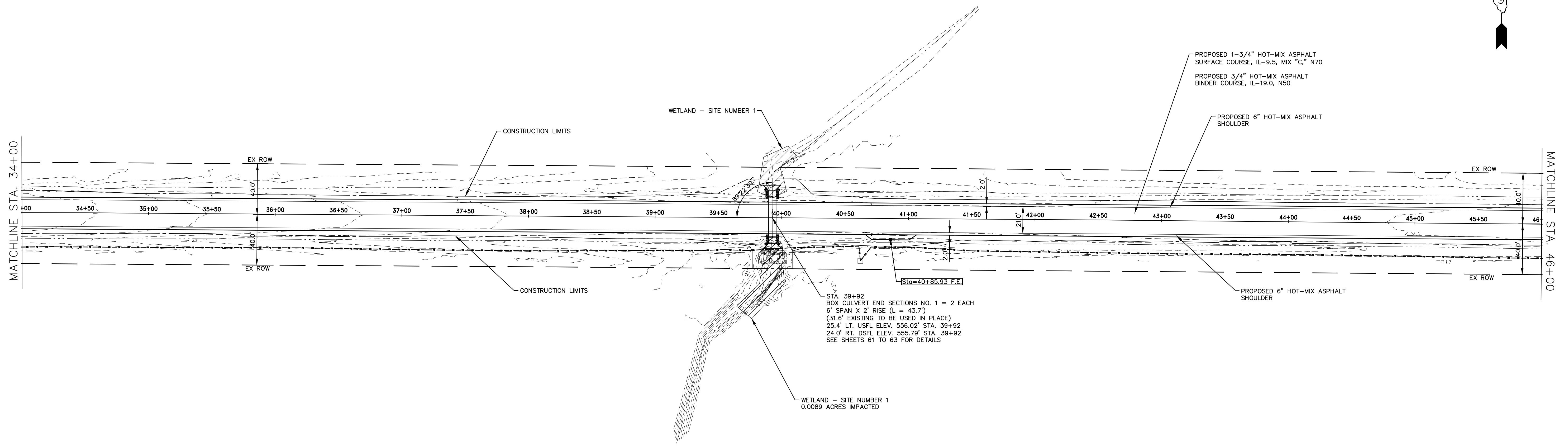
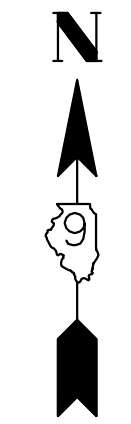
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

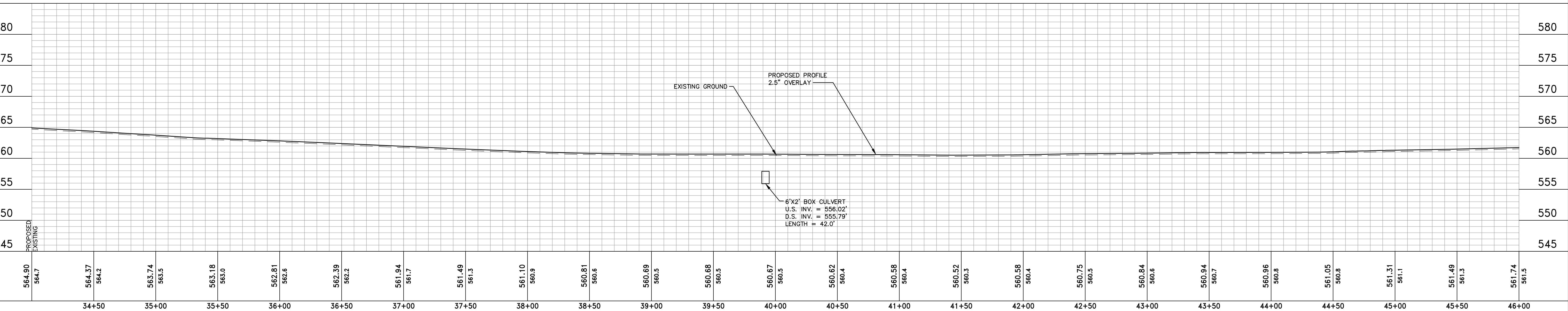
SCALE: 1"=40' SHEET 2 OF 31 SHEETS STA. 22+00.00 TO STA. 34+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	13
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



STA. 39+92
 BOX CULVERT END SECTIONS NO. 1 = 2 EACH
 6' SPAN X 2' RISE (L = 43.7')
 (31.6' EXISTING TO BE USED IN PLACE)
 25.4' LT. USFL ELEV. 556.02' STA. 39+92
 24.0' RT. DSFL ELEV. 555.79' STA. 39+92
 SEE SHEETS 61 TO 63 FOR DETAILS

WETLAND - SITE NUMBER 1
 0.0089 ACRES IMPACTED



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

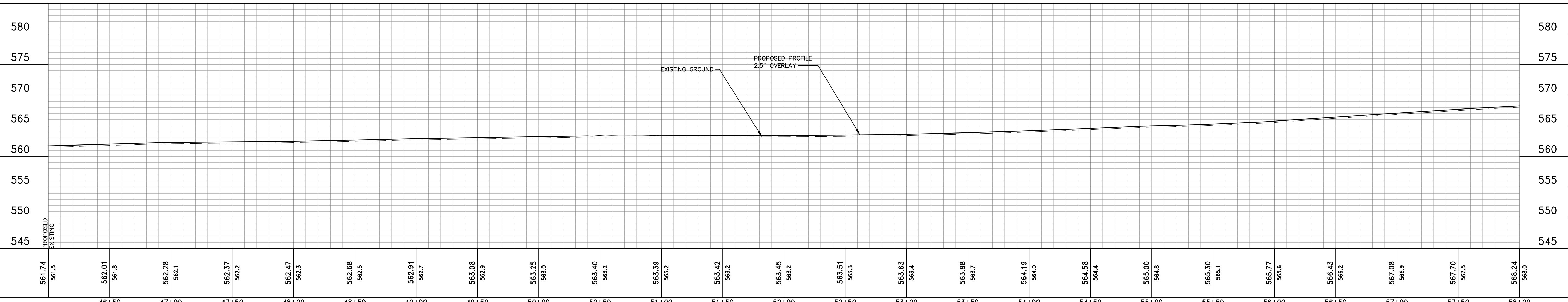
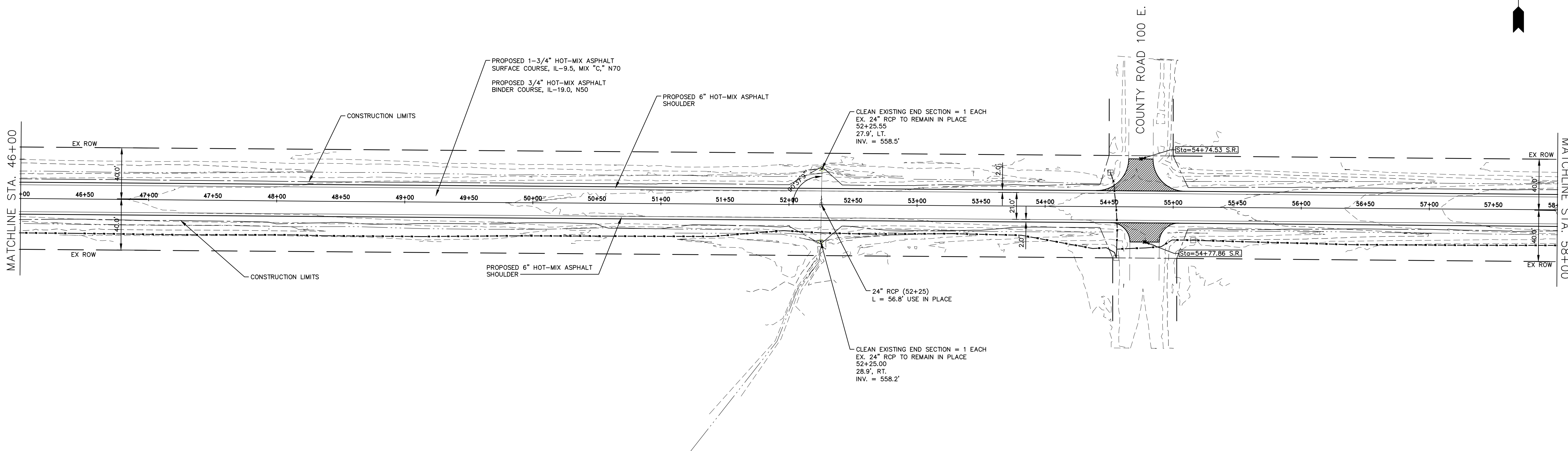
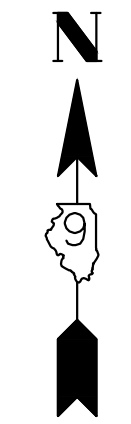
PLAN AND PROFILE

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 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

SCALE: 1"=40'	SHEET 3 OF 31 SHEETS	STA. 34+00.00	TO STA. 46+00.00
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F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	14
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



561.74	561.5	562.01	561.8	562.28	562.1	562.37	562.2	562.47	562.3	562.68	562.5	562.91	562.7	563.08	562.9	563.25	563.0	563.40	563.2	563.39	563.2	563.42	563.2	563.45	563.2	563.51	563.3	563.63	563.4	563.88	563.7	564.19	564.0	564.58	564.4	565.00	564.8	565.30	565.1	565.77	565.6	566.43	566.2	567.08	566.9	567.70	567.5	568.24	568.0
46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00																										

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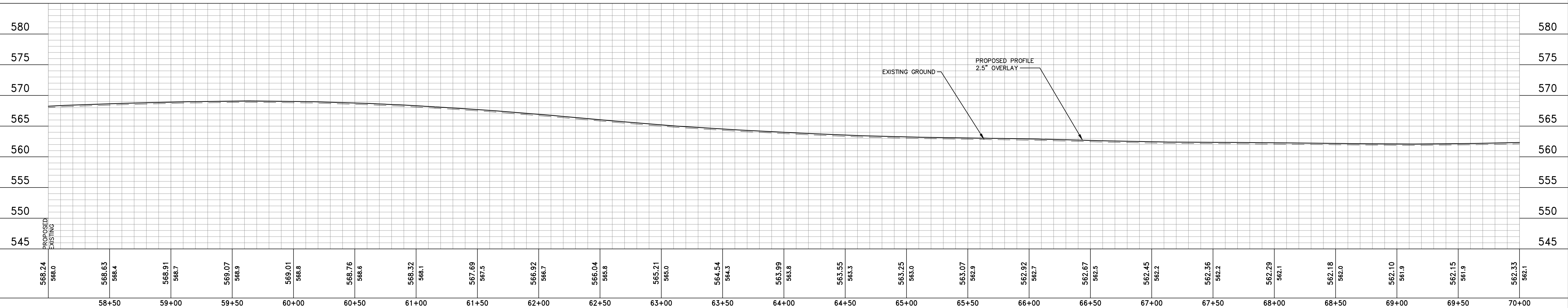
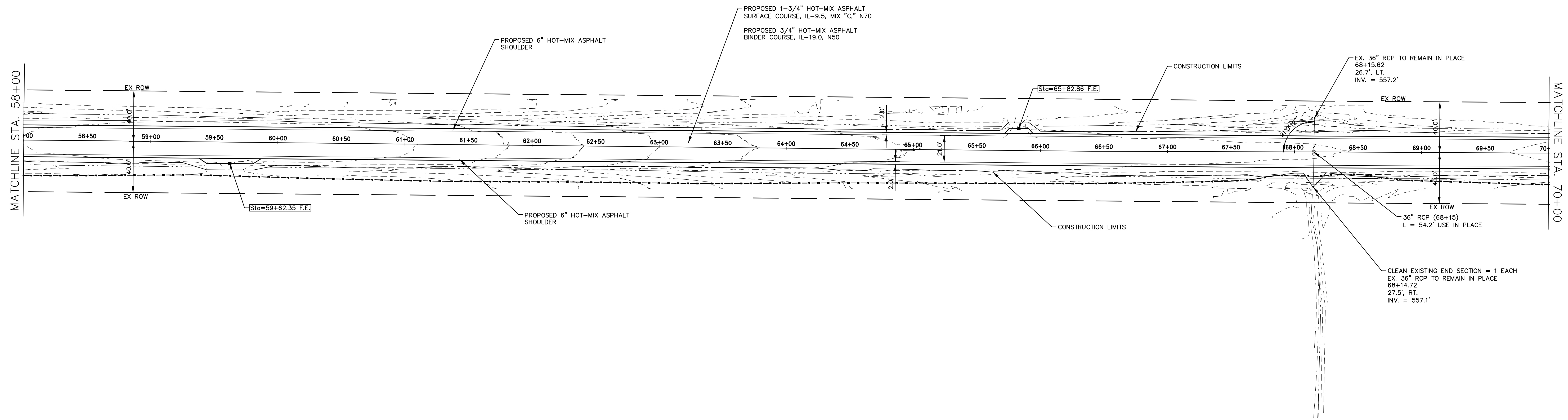
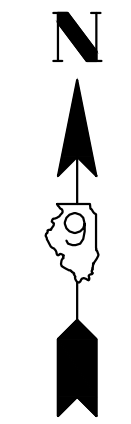
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 4 OF 31 SHEETS STA. 46+00.00 TO STA. 58+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	15
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



568.24 568.0	568.63 568.4	568.91 568.7	569.07 568.9	569.01 568.8	568.76 568.6	568.32 568.1	567.69 567.5	566.92 566.7	566.04 565.8	565.21 565.0	564.54 564.3	563.99 563.8	563.55 563.3	563.25 563.0	563.07 562.9	562.92 562.7	562.67 562.5	562.45 562.2	562.36 562.2	562.29 562.1	562.18 562.0	562.10 561.9	562.15 561.9	562.33 562.1
58+50	59+00	59+50	60+00	60+50	61+00	61+50	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50	68+00	68+50	69+00	69+50	70+00	

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 LS / PE / SE CORP. 184.000999

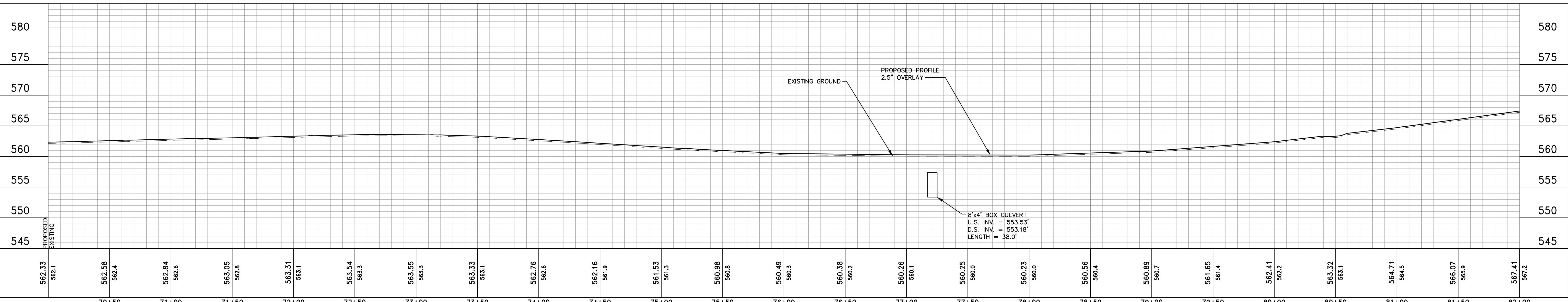
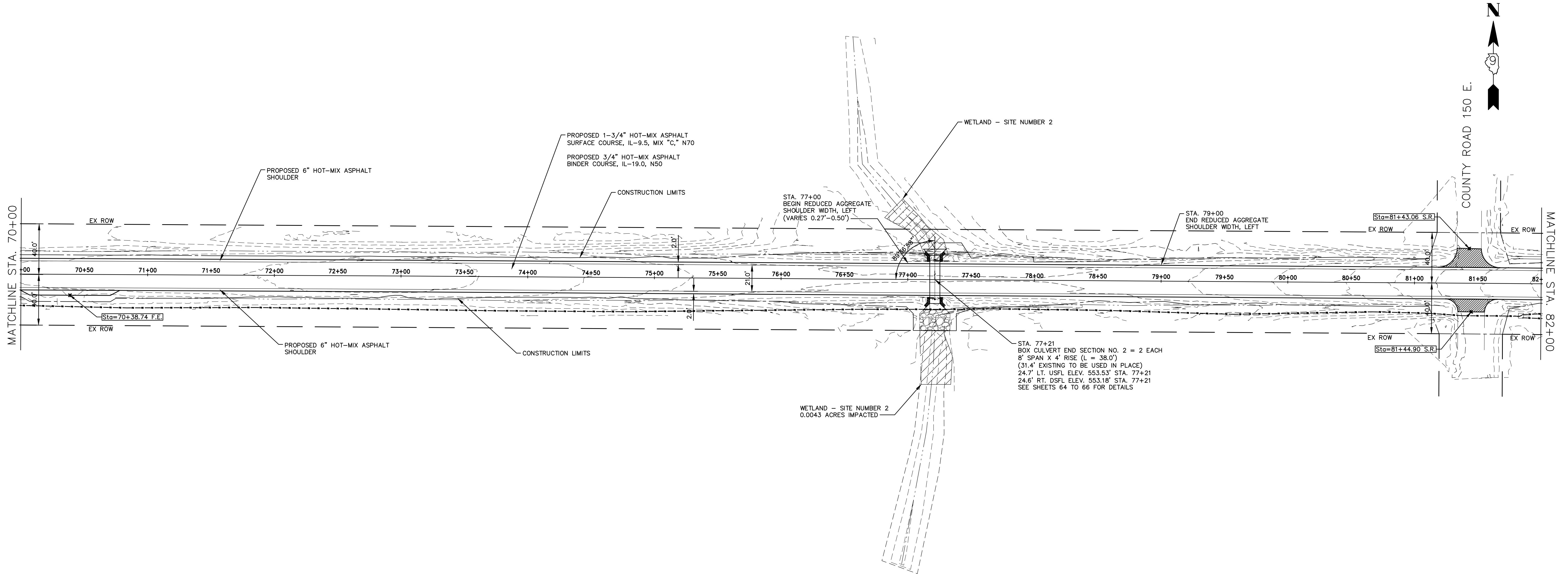
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PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 5 OF 31 SHEETS STA. 58+00.00 TO STA. 70+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	16
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



562.33 562.1	562.58 562.4	562.84 562.6	563.05 562.8	563.31 563.1	563.54 563.3	563.55 563.3	563.33 563.1	562.76 562.6	562.16 561.9	561.53 561.3	560.98 560.8	560.49 560.3	560.38 560.2	560.26 560.1	560.25 560.0	560.23 560.0	560.56 560.4	560.89 560.7	561.65 561.4	562.41 562.2	563.32 563.1	564.71 564.5	566.07 565.9	567.41 567.2
70+50	71+00	71+50	72+00	72+50	73+00	73+50	74+00	74+50	75+00	75+50	76+00	76+50	77+00	77+50	78+00	78+50	79+00	79+50	80+00	80+50	81+00	81+50	82+00	TOTAL SHEETS

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 LS / PE / SE CORP. 184.000959

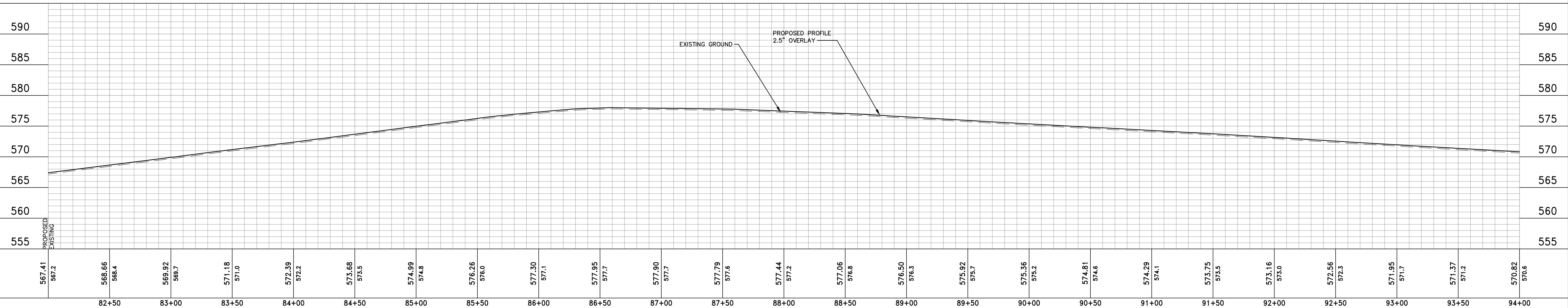
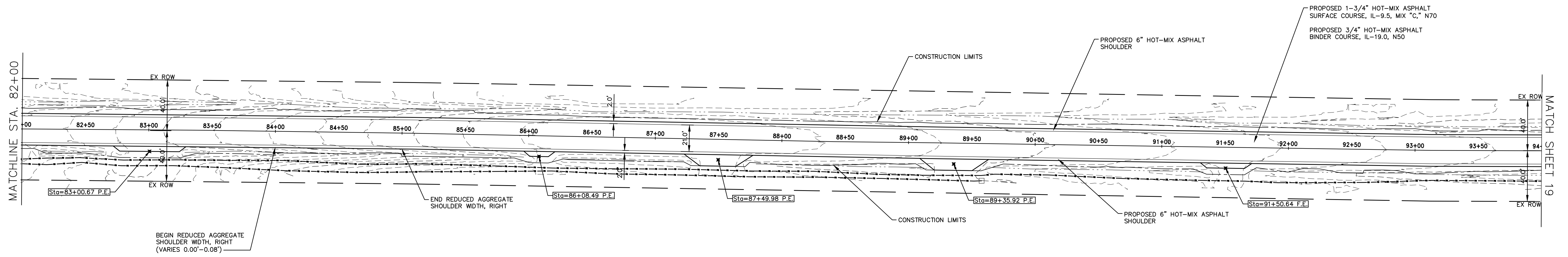
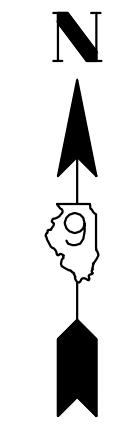
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 6 OF 31 SHEETS STA. 70+00.00 TO STA. 82+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	17
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



567.41 567.2	568.66 568.4	569.92 569.7	571.18 571.0	572.39 572.2	573.68 573.5	574.99 574.8	576.26 576.0	577.30 577.1	577.95 577.7	577.90 577.7	577.79 577.6	577.44 577.2	577.06 576.8	576.50 576.3	575.92 575.7	575.36 575.2	574.81 574.6	574.29 574.1	573.75 573.5	573.16 573.0	572.56 572.3	571.95 571.7	571.37 571.2	570.82 570.6
82+50	83+00	83+50	84+00	84+50	85+00	85+50	86+00	86+50	87+00	87+50	88+00	88+50	89+00	89+50	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00	

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 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

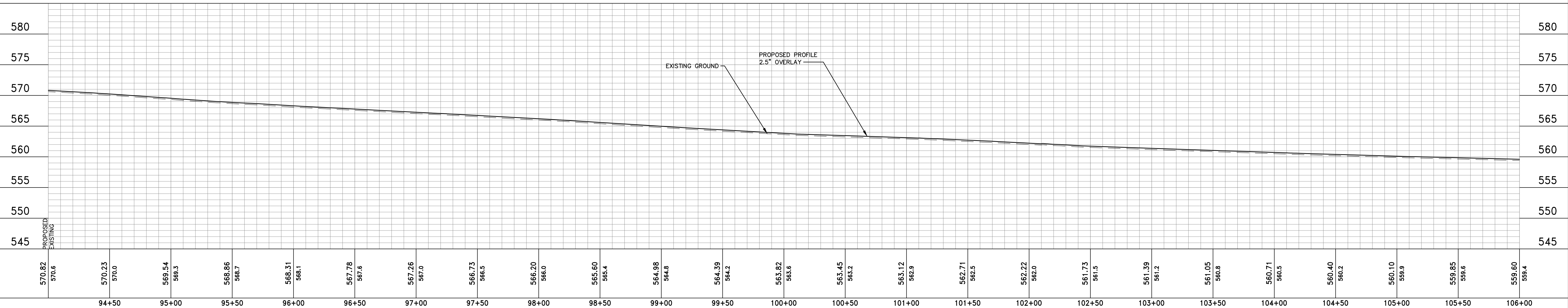
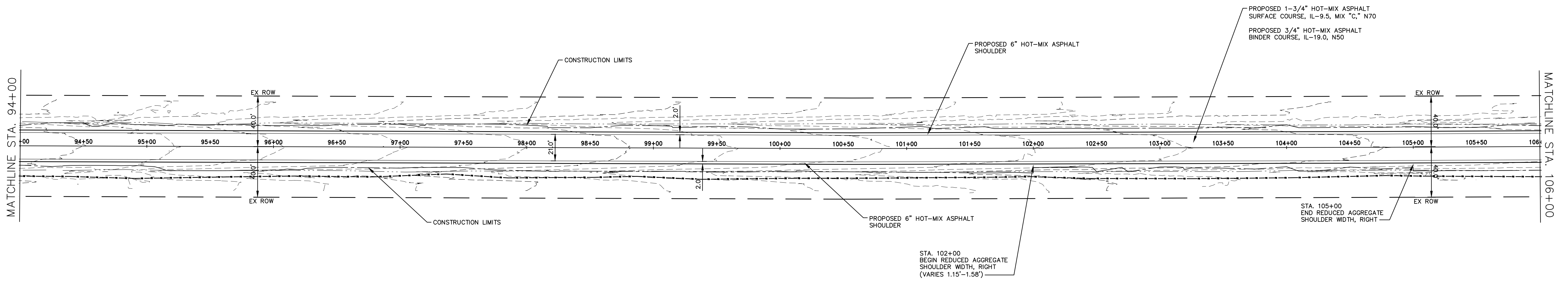
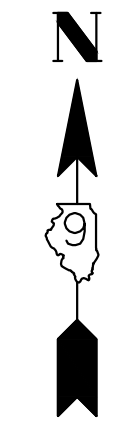
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PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=40'	SHEET 7 OF 31 SHEETS	STA. 82+00.00	TO STA. 94+00.00
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PLAN AND PROFILE

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	18
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



570.82 570.6	570.23 570.0	569.54 569.3	568.86 568.7	568.31 568.1	567.78 567.6	567.26 567.0	566.73 566.5	566.20 566.0	565.60 565.4	564.98 564.8	564.39 564.2	563.82 563.6	563.45 563.2	563.12 562.9	562.71 562.5	562.22 562.0	561.73 561.5	561.39 561.2	561.05 560.8	560.71 560.5	560.40 560.2	560.10 559.9	559.85 559.6	559.60 559.4
94+50	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00	

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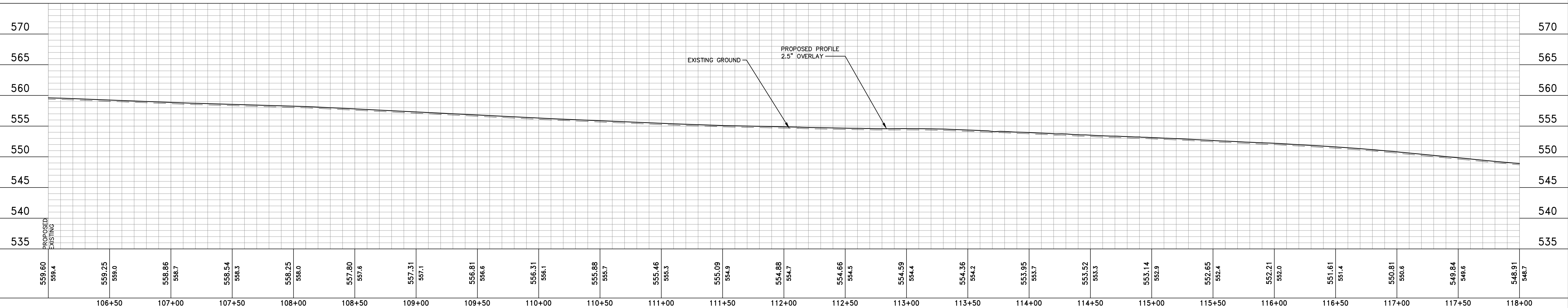
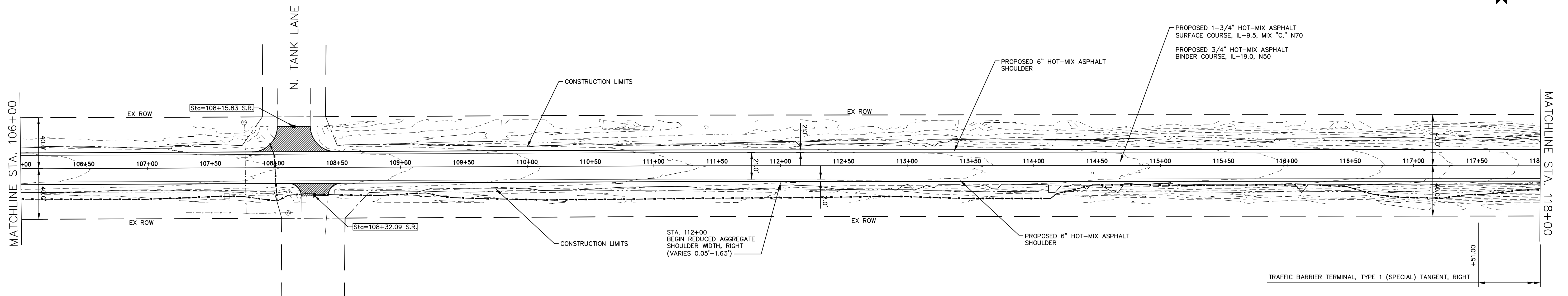
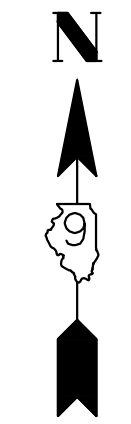
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 8 OF 31 SHEETS STA. 94+00.00 TO STA. 106+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	19
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



559.60 559.4	559.25 559.0	558.86 558.7	558.54 558.3	558.25 558.0	557.80 557.6	557.31 557.1	556.81 556.6	556.31 556.1	555.88 555.7	555.46 555.3	555.09 554.9	554.88 554.7	554.66 554.5	554.59 554.4	554.36 554.2	553.95 553.7	553.52 553.3	553.14 552.9	552.65 552.4	552.21 552.0	551.61 551.4	550.81 550.6	549.84 549.6	548.91 548.7
106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	

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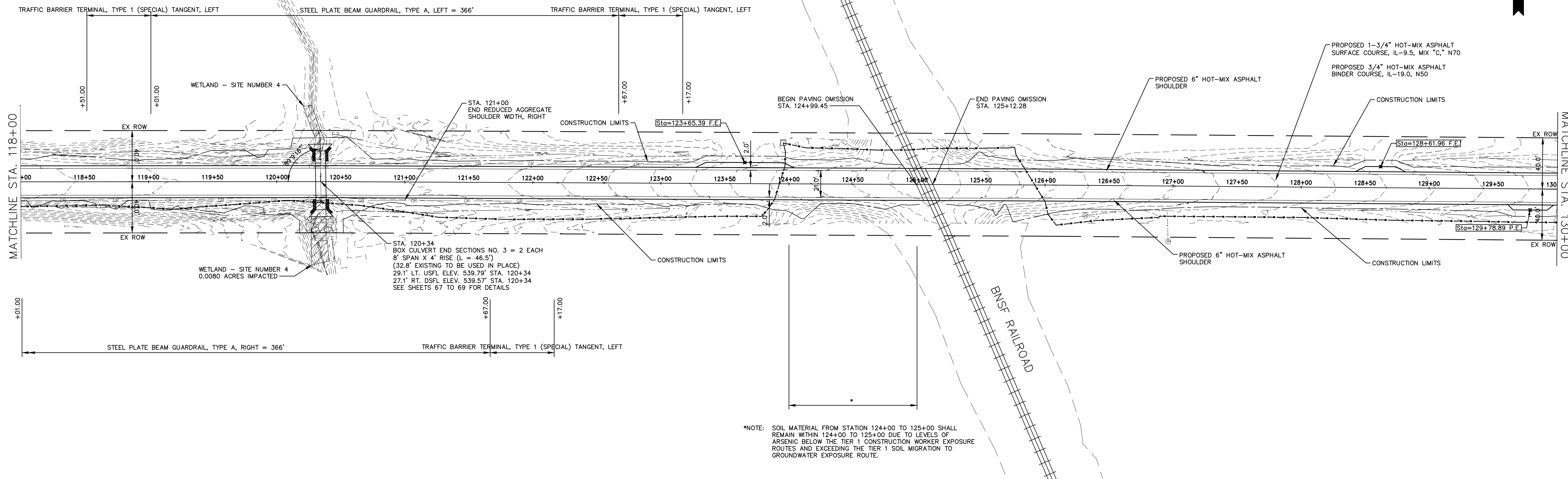
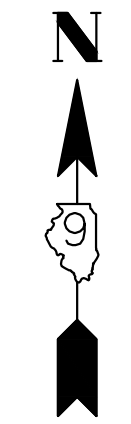
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

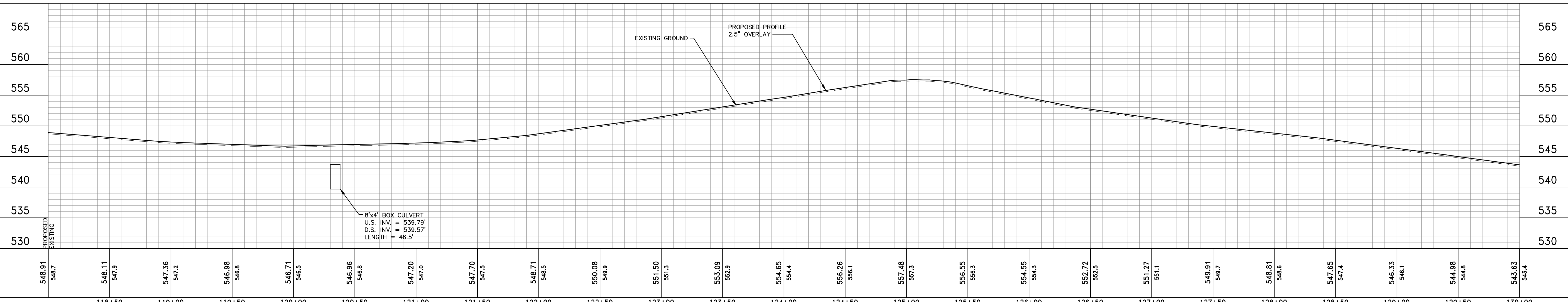
PLAN AND PROFILE

SCALE: 1"=40' SHEET 9 OF 31 SHEETS STA. 106+00.00 TO STA. 118+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	20
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



*NOTE: SOIL MATERIAL FROM STATION 124+00 TO 125+00 SHALL REMAIN WITHIN 124+00 TO 125+00 DUE TO LEVELS OF ARSENIC BELOW THE TIER 1 CONSTRUCTION WORKER EXPOSURE ROUTES AND EXCEEDING THE TIER 1 SOIL MIGRATION TO GROUNDWATER EXPOSURE ROUTE.



548.91 548.7	548.11 547.9	547.36 547.2	546.98 546.8	546.71 546.5	546.96 546.8	547.20 547.0	547.70 547.5	548.71 548.5	550.08 549.9	551.50 551.3	553.09 552.9	554.65 554.4	556.26 556.1	557.48 557.3	556.55 556.3	554.55 554.3	552.72 552.5	551.27 551.1	549.91 549.7	548.81 548.6	547.65 547.4	546.33 546.1	544.98 544.8	543.63 543.4
118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
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 LS / PE / SE CORP. 184.000999

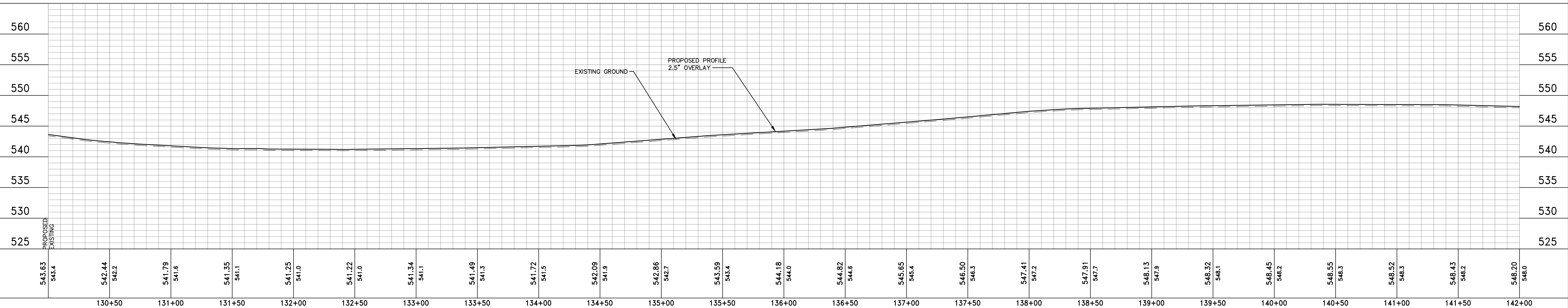
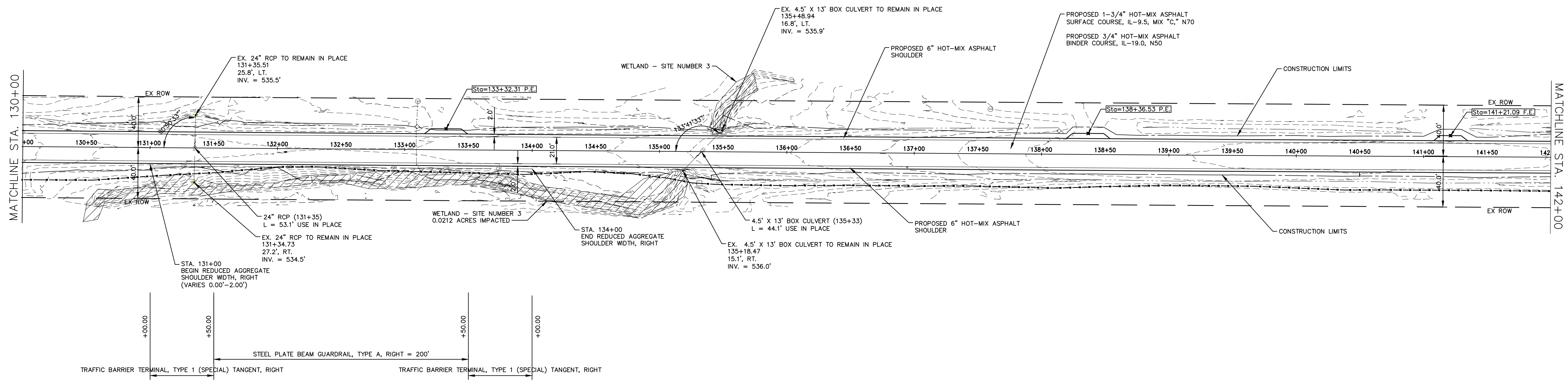
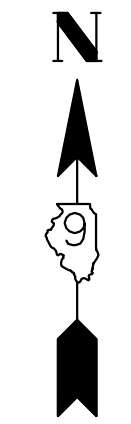
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 10 OF 31 SHEETS STA. 118+00.00 TO STA. 130+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	21
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



543.63 543.4	542.44 542.2	541.79 541.6	541.35 541.1	541.25 541.0	541.22 541.0	541.34 541.1	541.49 541.3	541.72 541.5	542.09 541.9	542.86 542.7	543.59 543.4	544.18 544.0	544.82 544.6	545.65 545.4	546.50 546.3	547.41 547.2	547.91 547.7	548.13 547.9	548.32 548.1	548.45 548.2	548.55 548.3	548.52 548.3	548.43 548.2	548.20 548.0
130+50	131+00	131+50	132+00	132+50	133+00	133+50	134+00	134+50	135+00	135+50	136+00	136+50	137+00	137+50	138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	

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 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

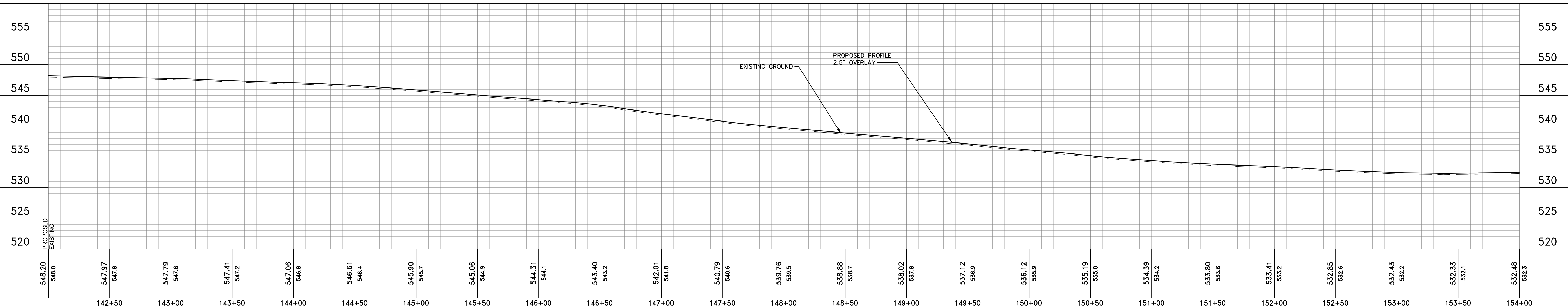
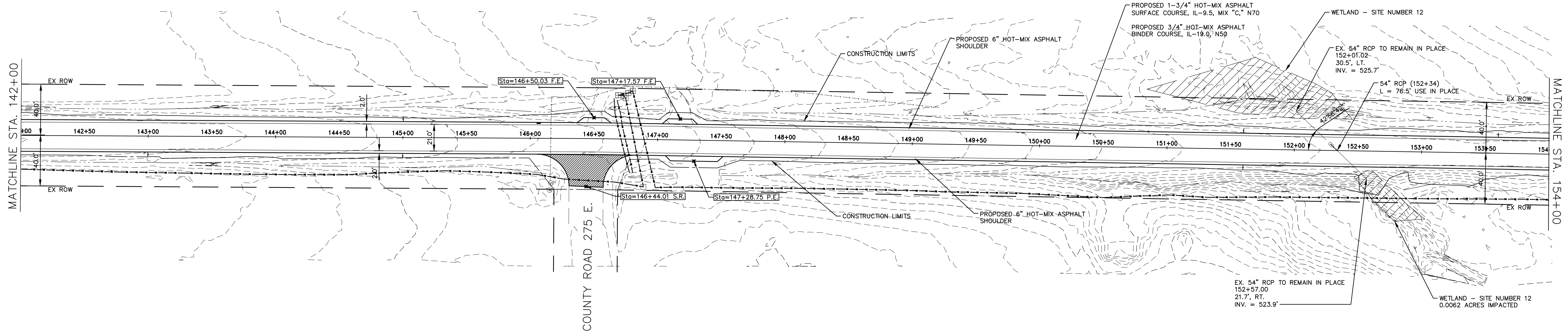
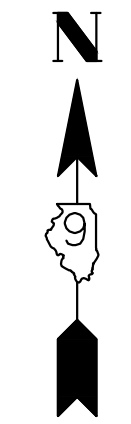
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 REVISED - XXXX
 REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 11 OF 31 SHEETS STA. 130+00.00 TO STA. 142+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	22
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



548.20 548.0	547.97 547.8	547.79 547.6	547.41 547.2	547.06 546.8	546.61 546.4	545.90 545.7	545.06 544.9	544.31 544.1	543.40 543.2	542.01 541.8	540.79 540.6	539.76 539.5	538.88 538.7	538.02 537.8	537.12 536.9	536.12 535.9	535.19 535.0	534.39 534.2	533.80 533.6	533.41 533.2	532.85 532.6	532.43 532.2	532.33 532.1	532.48 532.3
142+50	143+00	143+50	144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50	149+00	149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00	153+50	154+00	

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 LS / PE / SE CORP. 184.000999

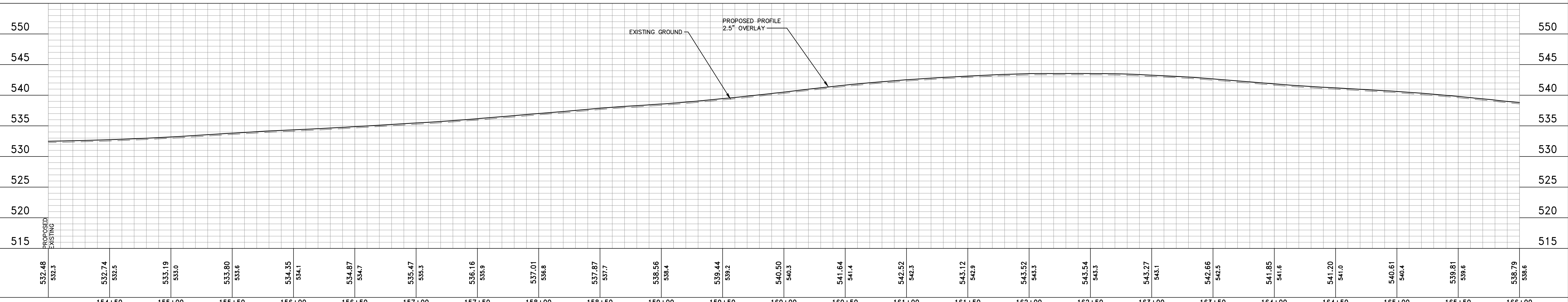
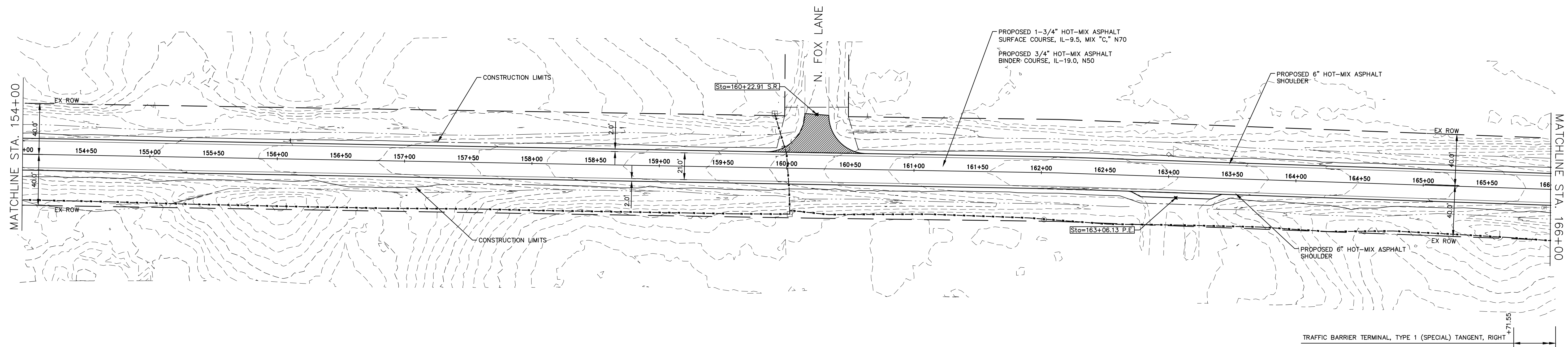
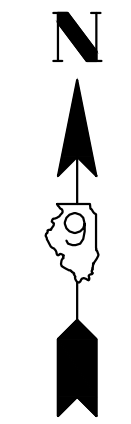
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
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PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 12 OF 31 SHEETS STA. 142+00.00 TO STA. 154+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	23
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



532.48	532.3	532.74	532.5	533.19	533.0	533.80	533.6	534.35	534.1	534.87	534.7	535.47	535.3	536.16	535.9	537.01	536.8	537.87	537.7	538.56	538.4	539.44	539.2	540.50	540.3	541.64	541.4	542.52	542.3	543.12	542.9	543.52	543.3	543.54	543.3	543.27	543.1	542.66	542.5	541.85	541.6	541.20	541.0	540.61	540.4	539.81	539.6	538.79	538.6
154+50	155+00	155+50	156+00	156+50	157+00	157+50	158+00	158+50	159+00	159+50	160+00	160+50	161+00	161+50	162+00	162+50	163+00	163+50	164+00	164+50	165+00	165+50	166+00																										

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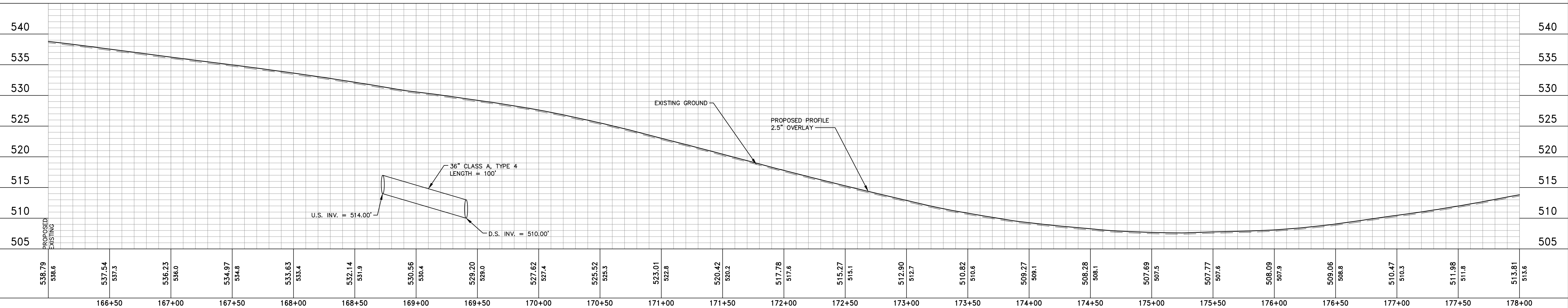
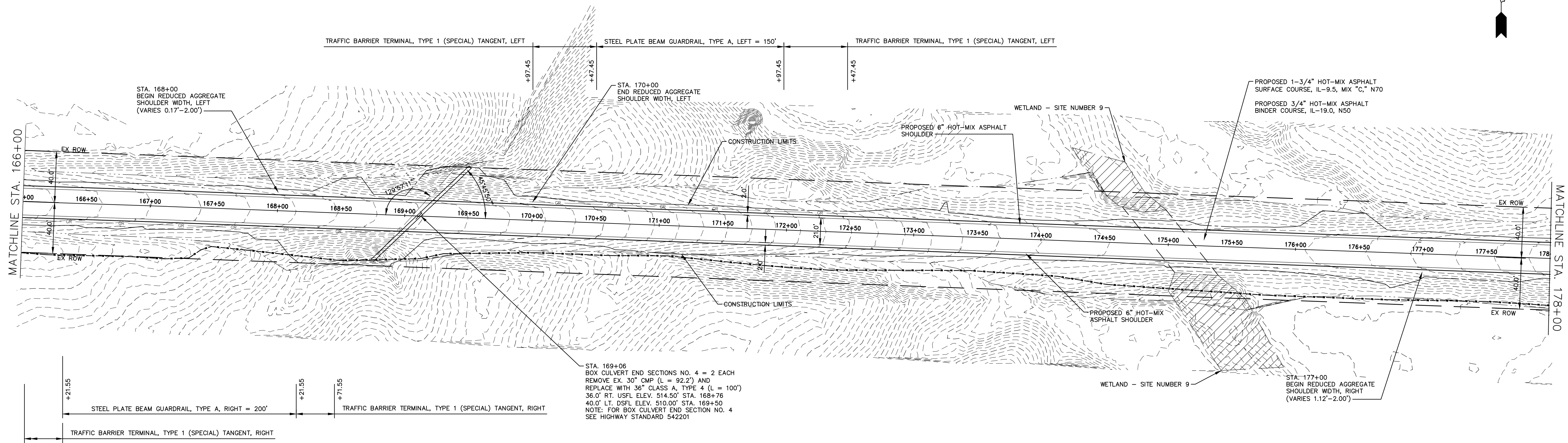
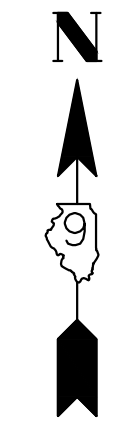
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 13 OF 31 SHEETS STA. 154+00.00 TO STA. 166+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	24
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



538.79 538.6	537.54 537.3	536.23 536.0	534.97 534.8	533.63 533.4	532.14 531.9	530.56 530.4	529.20 529.0	527.62 527.4	525.52 525.3	523.01 522.8	520.42 520.2	517.78 517.6	515.27 515.1	512.90 512.7	510.82 510.6	509.27 509.1	508.28 508.1	507.69 507.5	507.77 507.6	508.09 507.9	509.06 508.8	510.47 510.3	511.98 511.8	513.81 513.6
166+50	167+00	167+50	168+00	168+50	169+00	169+50	170+00	170+50	171+00	171+50	172+00	172+50	173+00	173+50	174+00	174+50	175+00	175+50	176+00	176+50	177+00	177+50	178+00	

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 LS / PE / SE CORP. 184.000999

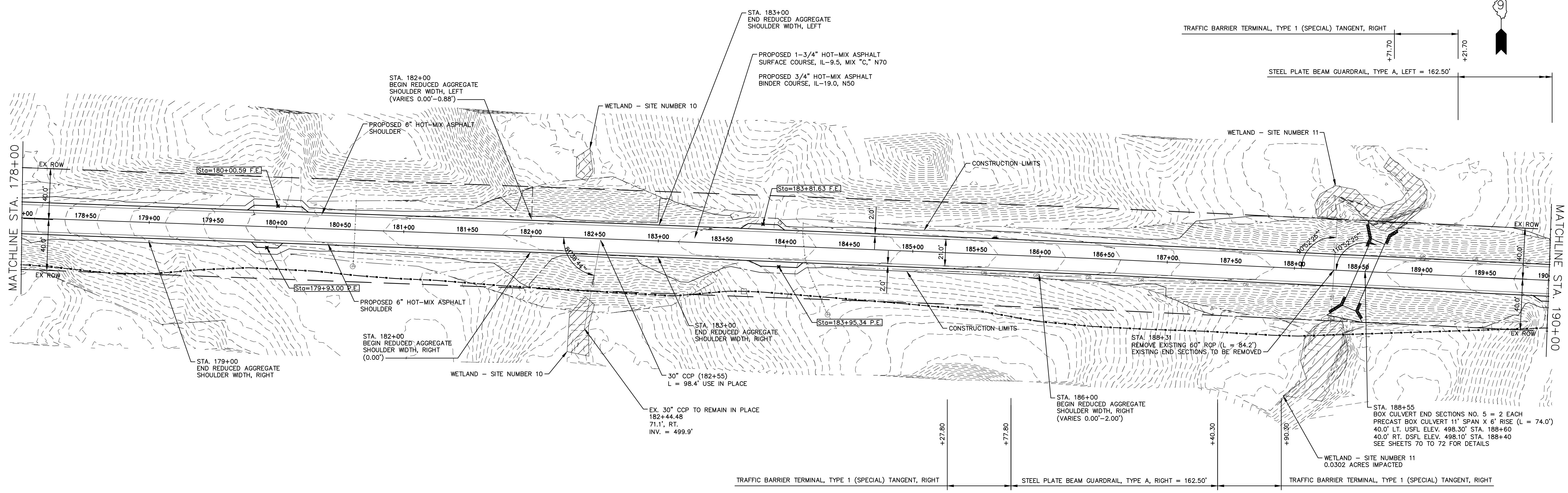
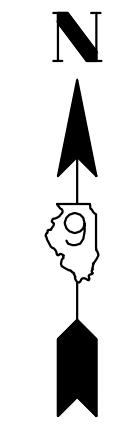
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 14 OF 31 SHEETS STA. 166+00.00 TO STA. 178+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	25
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



513.81 513.6	515.84 515.6	517.76 517.6	519.44 519.2	520.79 520.6	521.69 521.5	522.42 522.2	522.99 522.8	523.34 523.1	523.65 523.4	524.06 523.8	524.50 524.3	524.49 524.3	523.81 523.6	523.08 522.9	522.43 522.2	521.62 521.4	520.52 520.3	519.42 519.2	518.57 518.4	518.09 517.9	518.01 517.8	518.63 518.4	519.61 519.4	521.02 520.8
178+50	179+00	179+50	180+00	180+50	181+00	181+50	182+00	182+50	183+00	183+50	184+00	184+50	185+00	185+50	186+00	186+50	187+00	187+50	188+00	188+50	189+00	189+50	190+00	

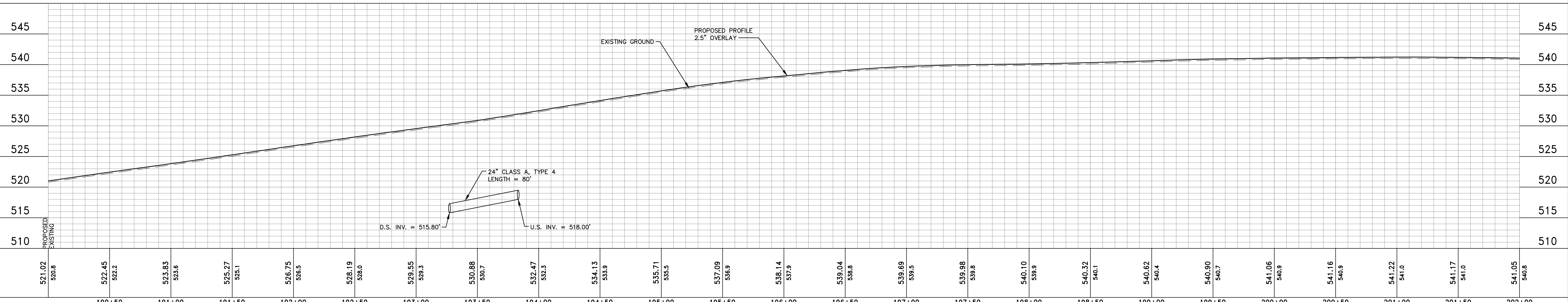
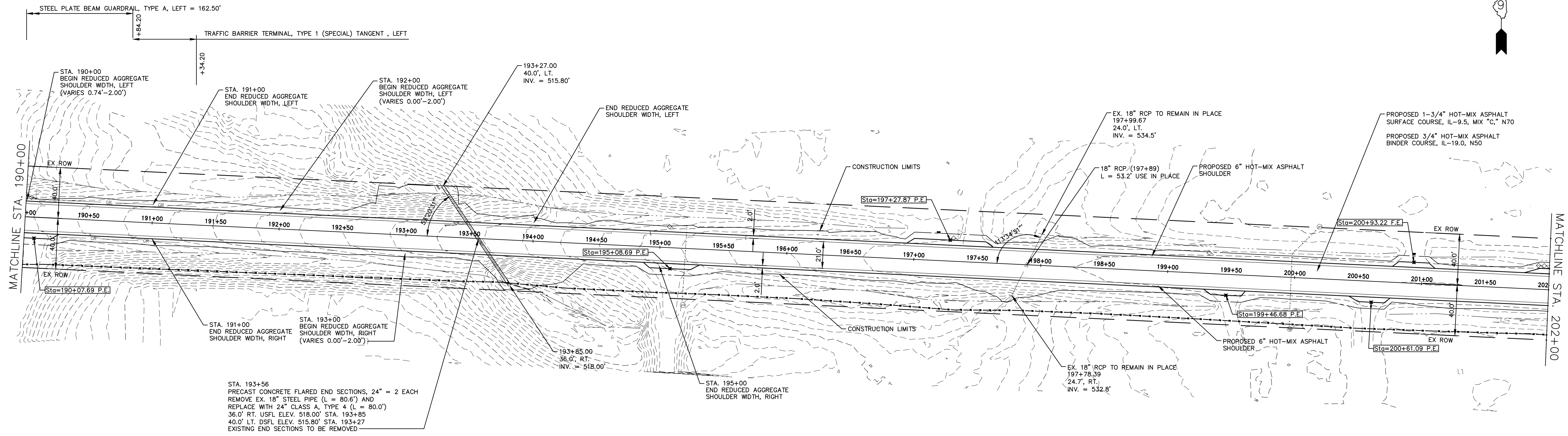
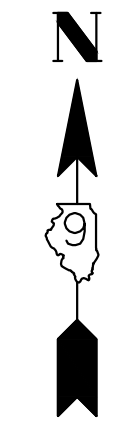
HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1"=40'
 SHEET 15 OF 31 SHEETS
 STA. 178+00.00 TO STA. 190+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	26
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18		ILLINOIS FEDERAL AID PROJECT: A14M(523)		



521.02 520.8	522.45 522.2	523.83 523.6	525.27 525.1	526.75 526.5	528.19 528.0	529.55 529.3	530.88 530.7	532.47 532.3	534.13 533.9	535.71 535.5	537.09 536.9	538.14 537.9	539.04 538.8	539.69 539.5	539.98 539.8	540.10 539.9	540.32 540.1	540.62 540.4	540.90 540.7	541.06 540.9	541.16 540.9	541.22 541.0	541.17 541.0	541.05 540.8
190+50	191+00	191+50	192+00	192+50	193+00	193+50	194+00	194+50	195+00	195+50	196+00	196+50	197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50	201+00	201+50	202+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
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 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

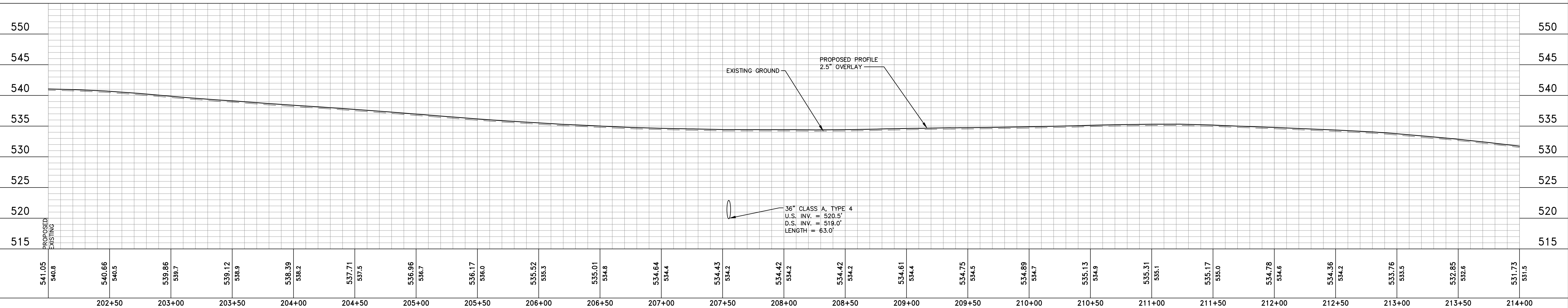
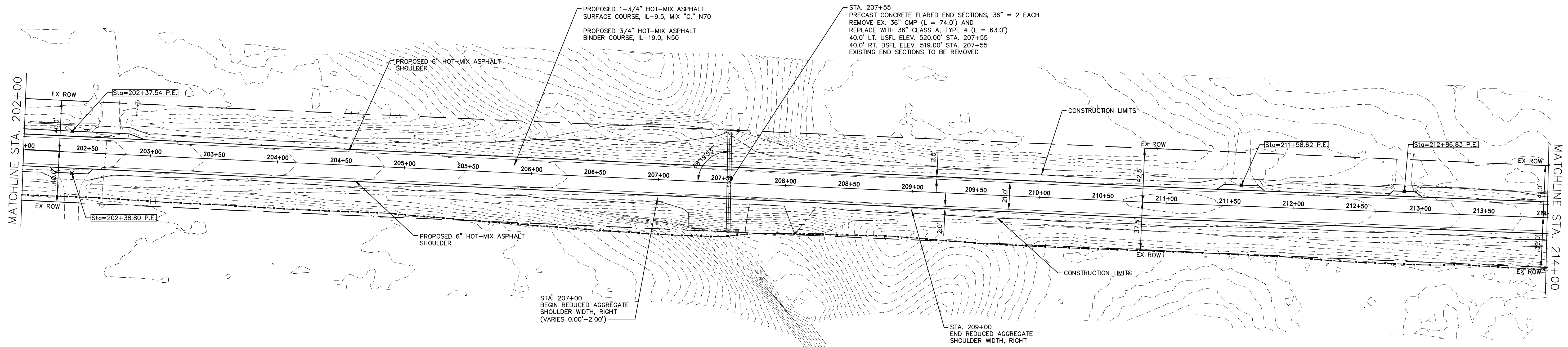
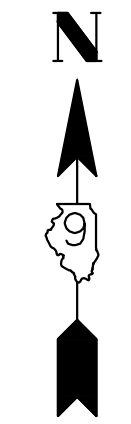
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 16 OF 31 SHEETS STA. 190+00.00 TO STA. 202+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	27
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18		ILLINOIS FEDERAL AID PROJECT: A14M(523)		



541.05	540.8	540.66	540.5	539.86	539.7	539.12	538.9	538.39	538.2	537.71	537.5	536.96	536.7	536.17	536.0	535.52	535.3	535.01	534.8	534.64	534.4	534.43	534.2	534.42	534.2	534.42	534.2	534.61	534.4	534.75	534.5	534.89	534.7	535.13	534.9	535.31	535.1	535.17	535.0	534.78	534.6	534.36	534.2	533.76	533.5	532.85	532.6	531.73	531.5
202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00	208+50	209+00	209+50	210+00	210+50	211+00	211+50	212+00	212+50	213+00	213+50	214+00																										

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

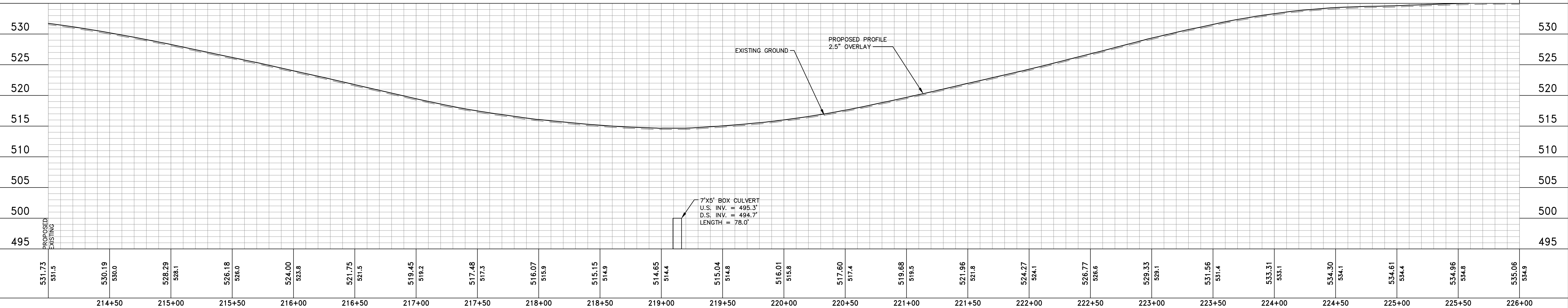
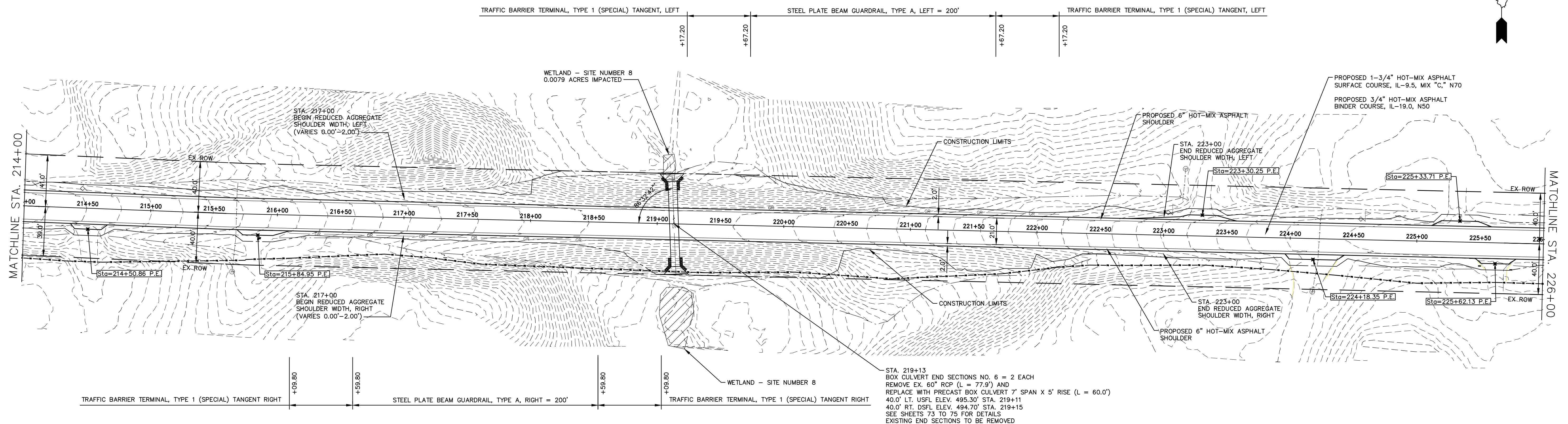
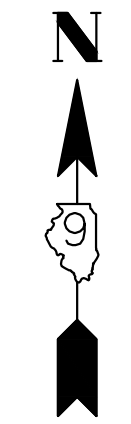
REVISED - XXXX
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 17 OF 31 SHEETS STA. 202+00.00 TO STA. 214+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	28
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



531.73 531.5	530.19 530.0	528.29 528.1	526.18 526.0	524.00 523.8	521.75 521.5	519.45 519.2	517.48 517.3	516.07 515.9	515.15 514.9	514.65 514.4	515.04 514.8	516.01 515.8	517.60 517.4	519.68 519.5	521.96 521.8	524.27 524.1	526.77 526.6	529.33 529.1	531.56 531.4	533.31 533.1	534.30 534.1	534.61 534.4	534.96 534.8	535.06 534.9
214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00	218+50	219+00	219+50	220+00	220+50	221+00	221+50	222+00	222+50	223+00	223+50	224+00	224+50	225+00	225+50	226+00	

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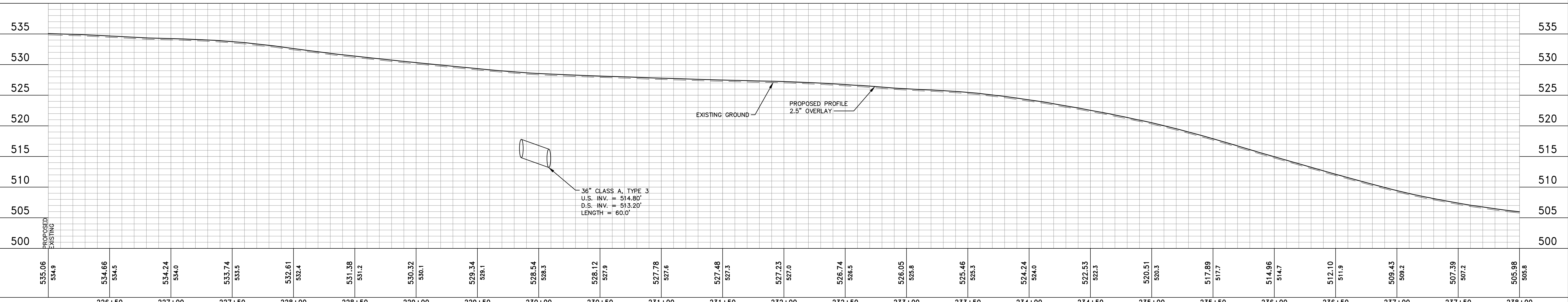
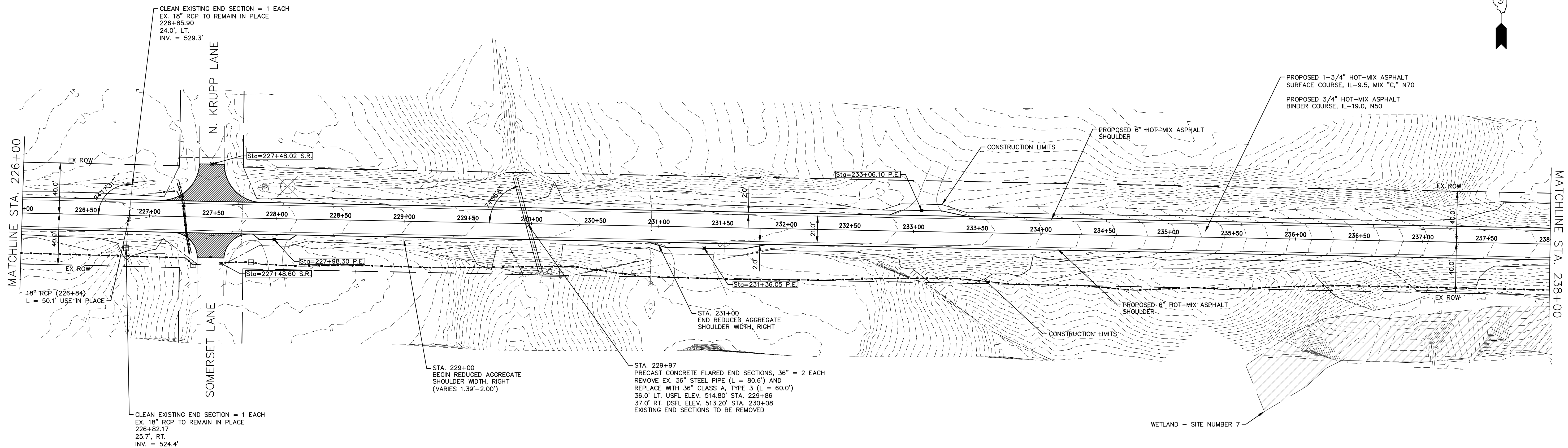
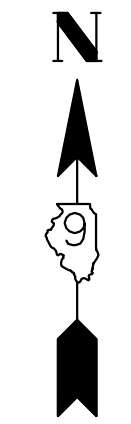
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 18 OF 31 SHEETS STA. 214+00 TO STA. 226+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	29
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



535.06	534.9	534.66	534.5	534.24	534.0	533.74	533.5	532.61	532.4	531.38	531.2	530.32	530.1	529.34	529.1	528.54	528.3	528.12	527.9	527.78	527.6	527.48	527.3	527.23	527.0	526.74	526.5	526.05	525.8	525.46	525.3	524.24	524.0	522.53	522.3	520.51	520.3	517.89	517.7	514.96	514.7	512.10	511.9	509.43	509.2	507.39	507.2	505.98	505.8
226+50	227+00	227+50	228+00	228+50	229+00	229+50	230+00	230+50	231+00	231+50	232+00	232+50	233+00	233+50	234+00	234+50	235+00	235+50	236+00	236+50	237+00	237+50	238+00																										

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

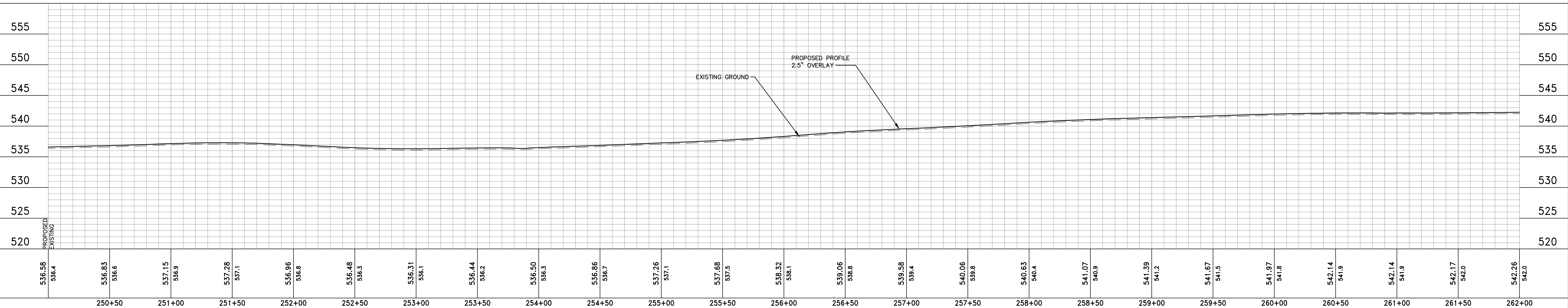
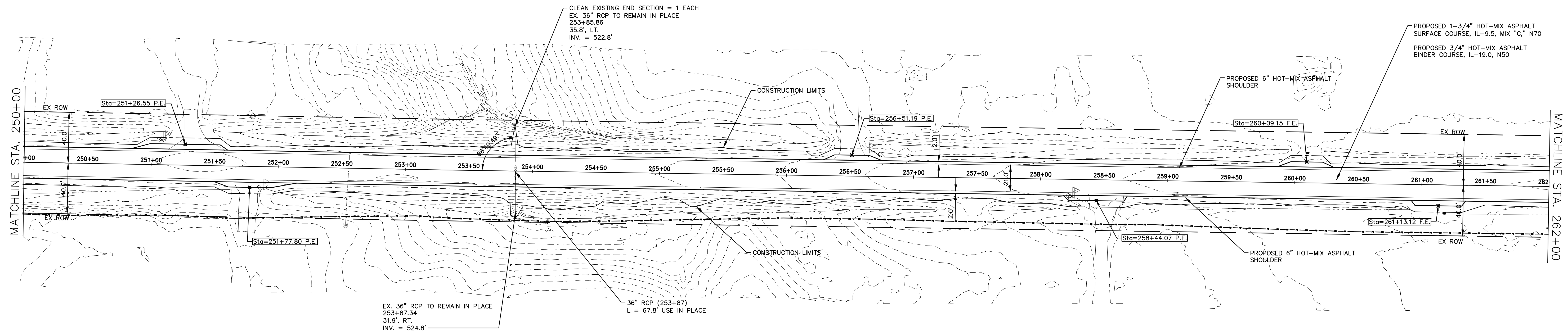
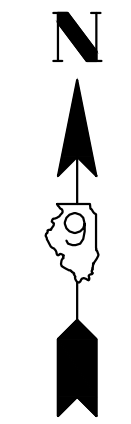
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 19 OF 31 SHEETS STA. 226+00.00 TO STA. 238+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	30
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



536.58 536.4	536.83 536.6	537.15 536.9	537.28 537.1	536.96 536.8	536.48 536.3	536.31 536.1	536.44 536.2	536.50 536.3	536.86 536.7	537.26 537.1	537.68 537.5	538.32 538.1	539.06 538.8	539.58 539.4	540.06 539.8	540.63 540.4	541.07 540.9	541.39 541.2	541.67 541.5	541.97 541.8	542.14 541.9	542.14 541.9	542.17 542.0	542.26 542.0
250+50	251+00	251+50	252+00	252+50	253+00	253+50	254+00	254+50	255+00	255+50	256+00	256+50	257+00	257+50	258+00	258+50	259+00	259+50	260+00	260+50	261+00	261+50	262+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
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 LS / PE / SE CORP. 184.000999

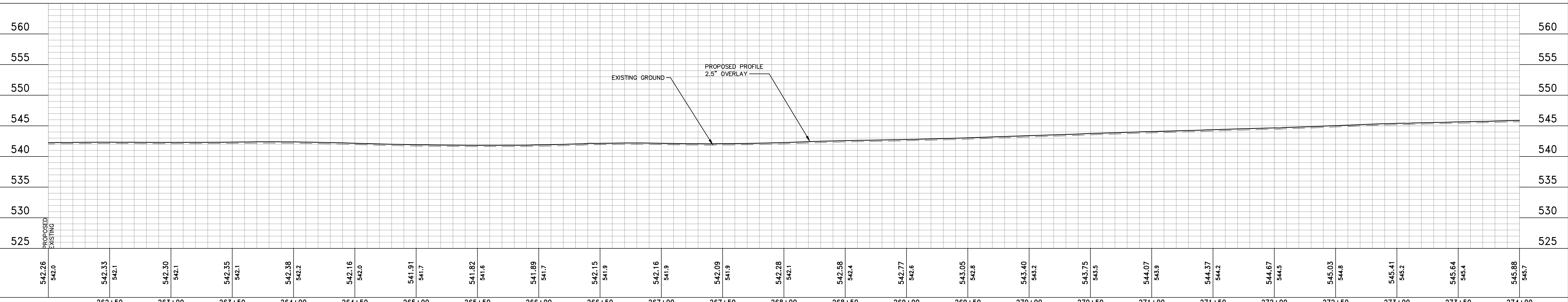
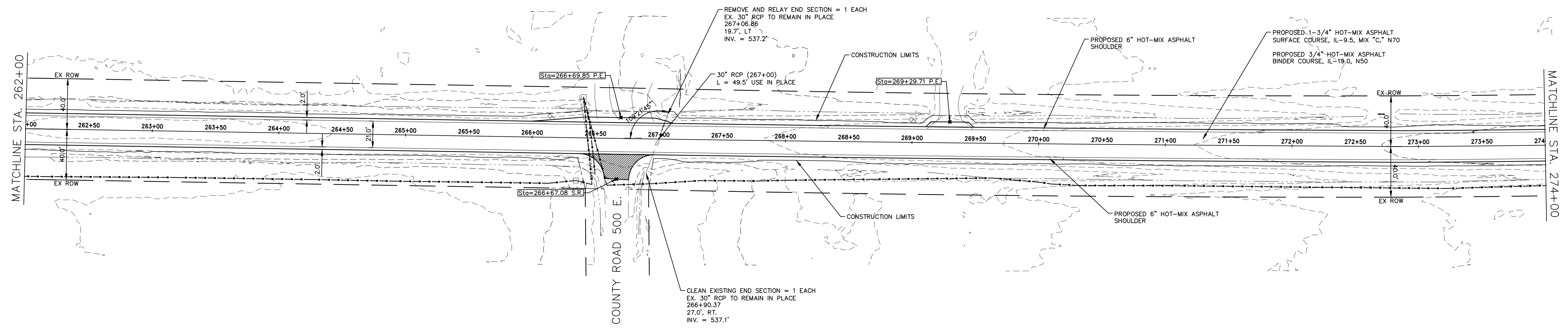
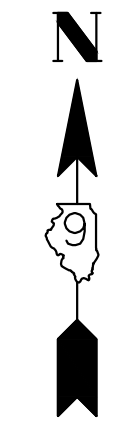
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 21 OF 31 SHEETS STA. 250+00.00 TO STA. 262+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	32
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



542.26	542.0	542.33	542.1	542.30	542.1	542.35	542.1	542.38	542.2	542.16	542.0	541.91	541.7	541.82	541.6	541.89	541.7	542.15	541.9	542.16	541.9	542.09	541.9	542.28	542.1	542.58	542.4	542.77	542.6	543.05	542.8	543.40	543.2	543.75	543.5	544.07	543.9	544.37	544.2	544.67	544.5	545.03	544.8	545.41	545.2	545.64	545.4	545.88	545.7
262+50		263+00		263+50		264+00		264+50		265+00		265+50		266+00		266+50		267+00		267+50		268+00		268+50		269+00		269+50		270+00		270+50		271+00		271+50		272+00		272+50		273+00		273+50		274+00			

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 LS / PE / SE CORP. 184.000999

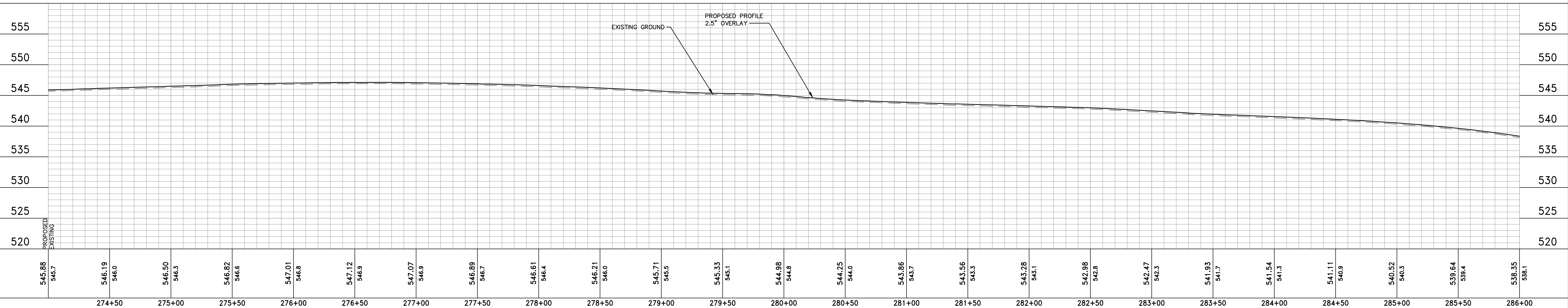
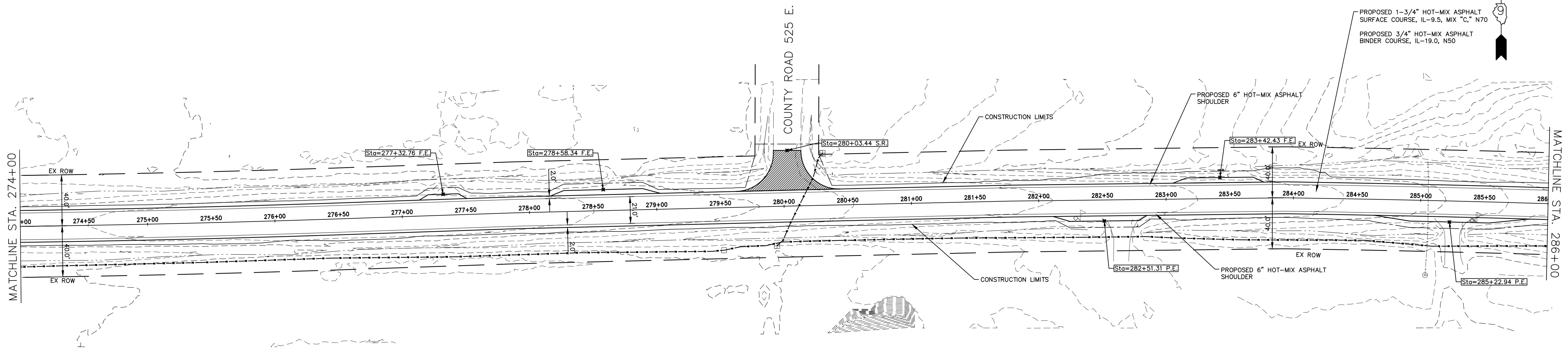
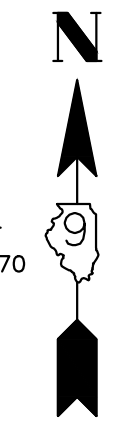
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 22 OF 31 SHEETS STA. 262+00.00 TO STA. 274+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	33
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



545.88 545.7	546.19 546.0	546.50 546.3	546.82 546.6	547.01 546.8	547.12 546.9	547.07 546.9	546.89 546.7	546.61 546.4	546.21 546.0	545.71 546.5	545.33 546.1	544.98 544.8	544.25 544.0	543.86 543.7	543.56 543.3	543.28 543.1	542.98 542.8	542.47 542.3	541.93 541.7	541.54 541.3	541.11 540.9	540.52 540.3	539.64 539.4	538.35 538.1
274+50	275+00	275+50	276+00	276+50	277+00	277+50	278+00	278+50	279+00	279+50	280+00	280+50	281+00	281+50	282+00	282+50	283+00	283+50	284+00	284+50	285+00	285+50	286+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

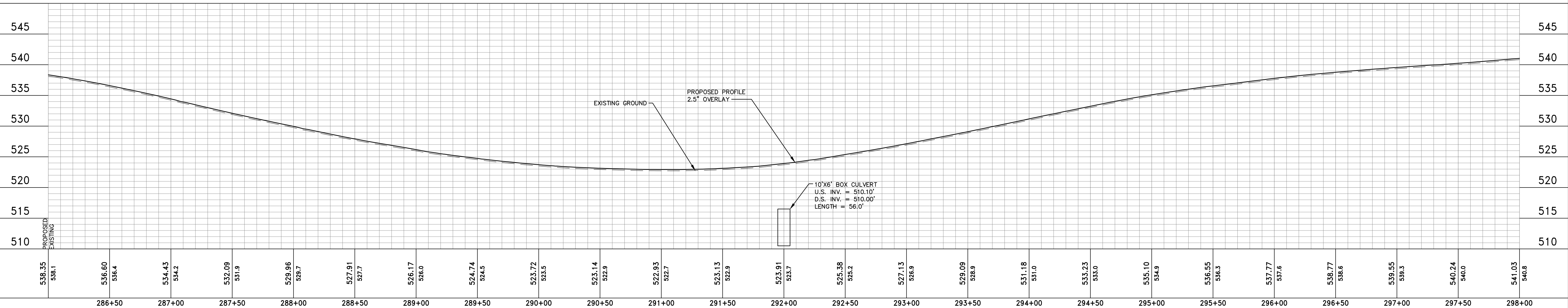
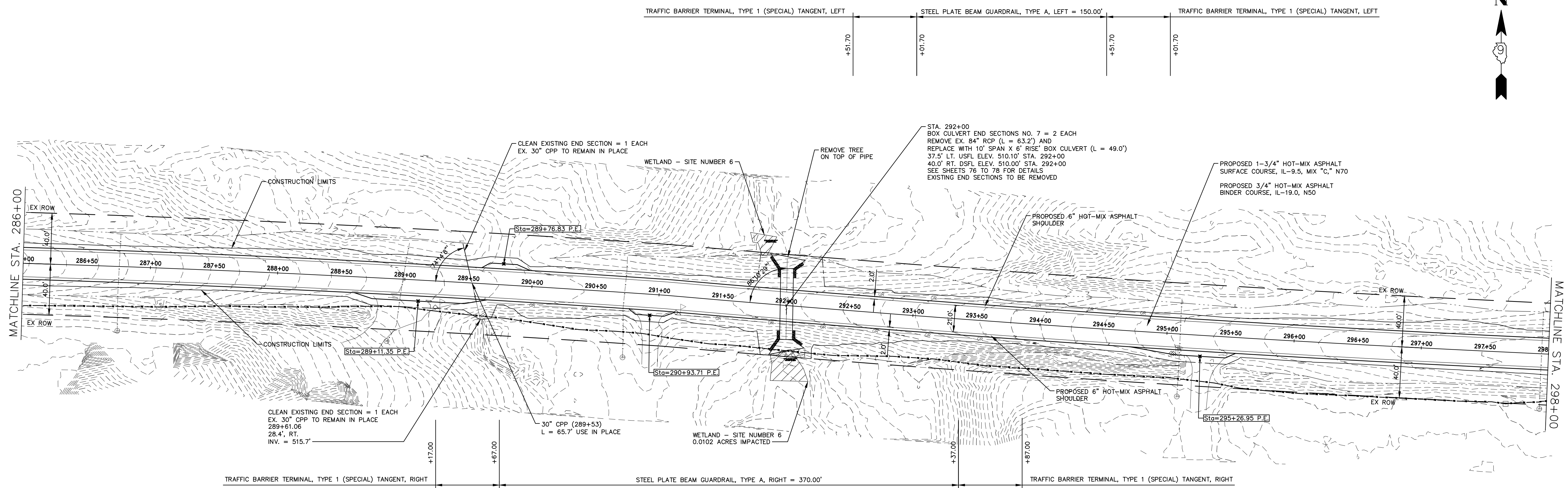
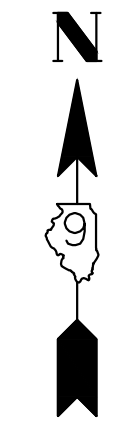
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 23 OF 31 SHEETS STA. 274+00.00 TO STA. 286+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	34
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



538.35 538.1	536.60 536.4	534.43 534.2	532.09 531.9	529.96 529.7	527.91 527.7	526.17 526.0	524.74 524.5	523.72 523.5	523.14 522.9	522.93 522.7	523.13 522.9	523.91 523.7	525.38 525.2	527.13 526.9	529.09 528.9	531.18 531.0	533.23 533.0	535.10 534.9	536.55 536.3	537.77 537.6	538.77 538.6	539.55 539.3	540.24 540.0	541.03 540.8
286+50	287+00	287+50	288+00	288+50	289+00	289+50	290+00	290+50	291+00	291+50	292+00	292+50	293+00	293+50	294+00	294+50	295+00	295+50	296+00	296+50	297+00	297+50	298+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

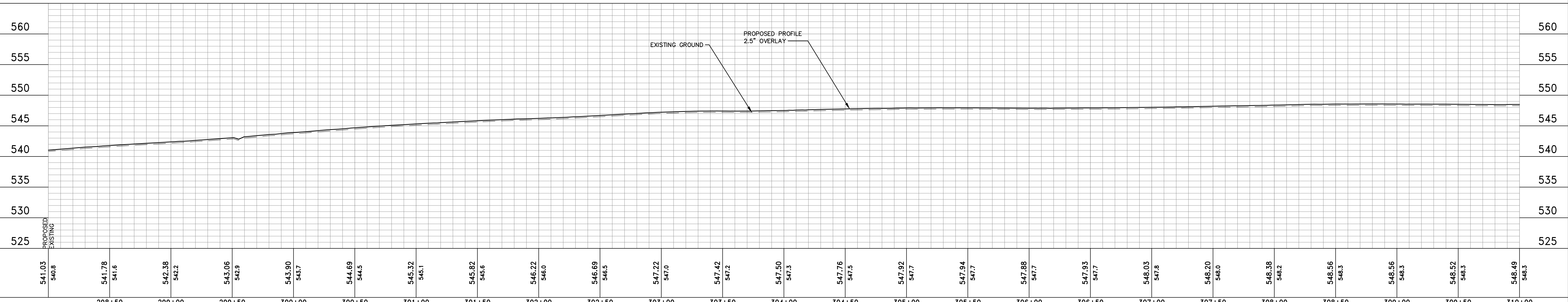
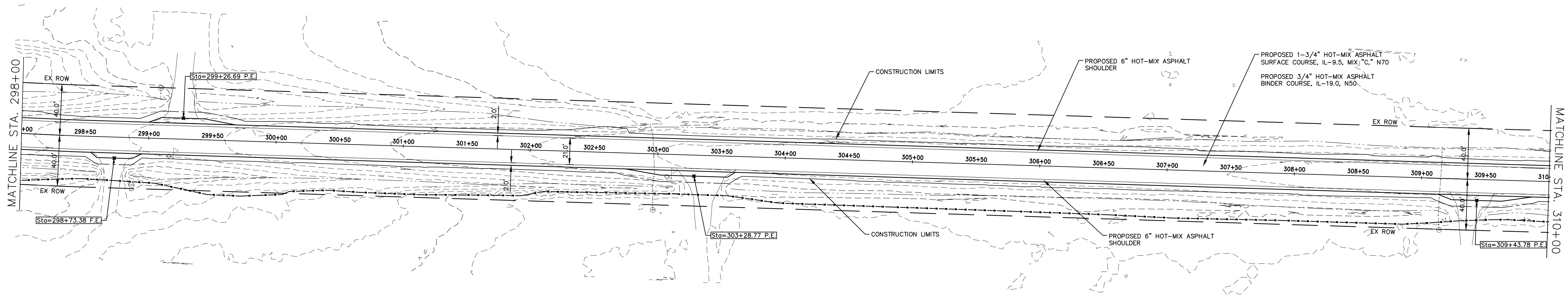
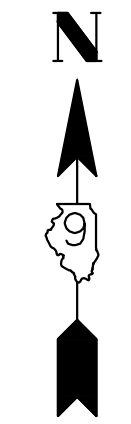
REVISED - XXXX
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 24 OF 31 SHEETS STA. 286+00.00 TO STA. 298+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	35
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



541.03	540.8	541.78	541.6	542.38	542.2	543.06	542.9	543.90	543.7	544.69	544.5	545.32	545.1	545.82	545.6	546.22	546.0	546.69	546.5	547.22	547.0	547.42	547.2	547.50	547.3	547.76	547.5	547.92	547.7	547.94	547.7	547.88	547.7	547.93	547.7	548.03	547.8	548.20	548.0	548.38	548.2	548.56	548.3	548.56	548.3	548.52	548.3	548.49	548.3
		298+50		299+00		299+50		300+00		300+50		301+00		301+50		302+00		302+50		303+00		303+50		304+00		304+50		305+00		305+50		306+00		306+50		307+00		307+50		308+00		308+50		309+00		309+50		310+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

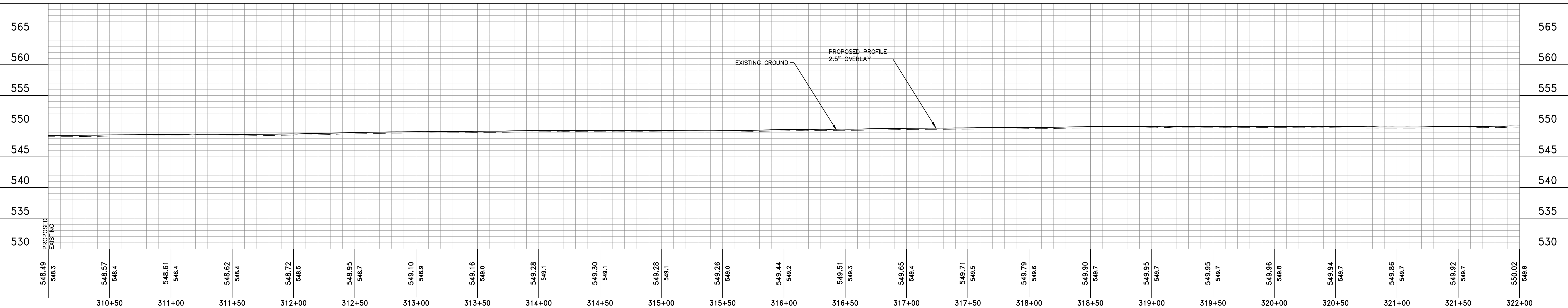
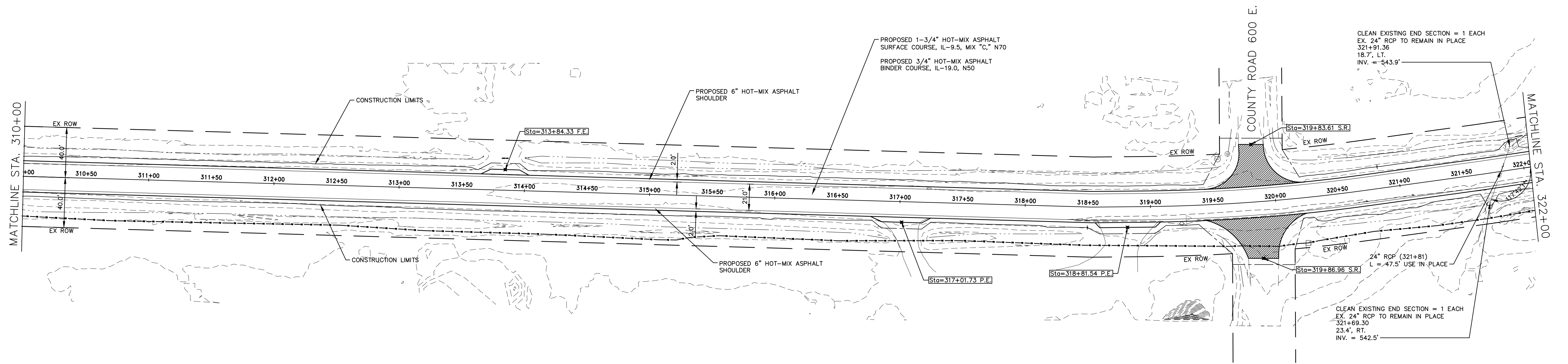
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 25 OF 31 SHEETS STA. 298+00.00 TO STA. 310+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	36
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18 ILLINOIS FEDERAL AID PROJECT: A14M(523)				



548.49 548.3	548.57 548.4	548.61 548.4	548.62 548.4	548.72 548.5	548.95 548.7	549.10 548.9	549.16 549.0	549.28 549.1	549.30 549.1	549.28 549.1	549.26 549.0	549.44 549.2	549.51 549.3	549.65 549.4	549.71 549.5	549.79 549.6	549.90 549.7	549.95 549.7	549.95 549.7	549.96 549.8	549.94 549.7	549.86 549.7	549.92 549.7	550.02 549.8
310+50	311+00	311+50	312+00	312+50	313+00	313+50	314+00	314+50	315+00	315+50	316+00	316+50	317+00	317+50	318+00	318+50	319+00	319+50	320+00	320+50	321+00	321+50	322+00	

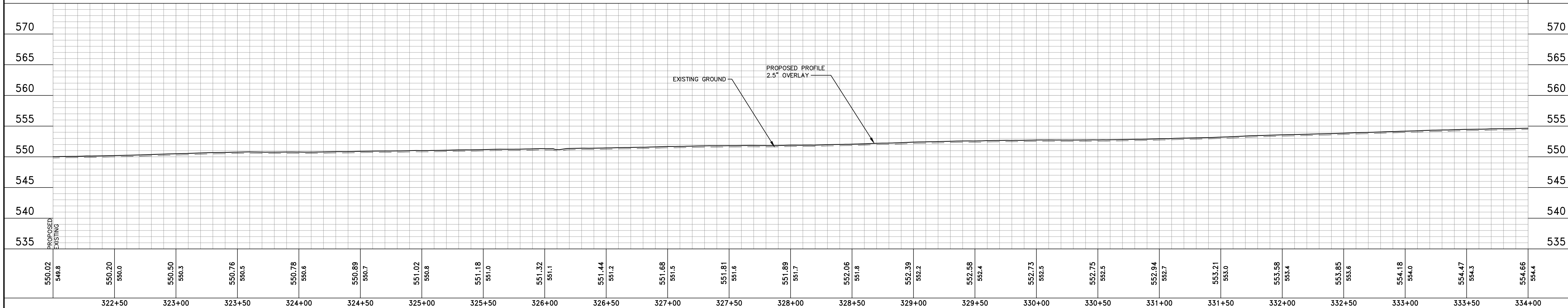
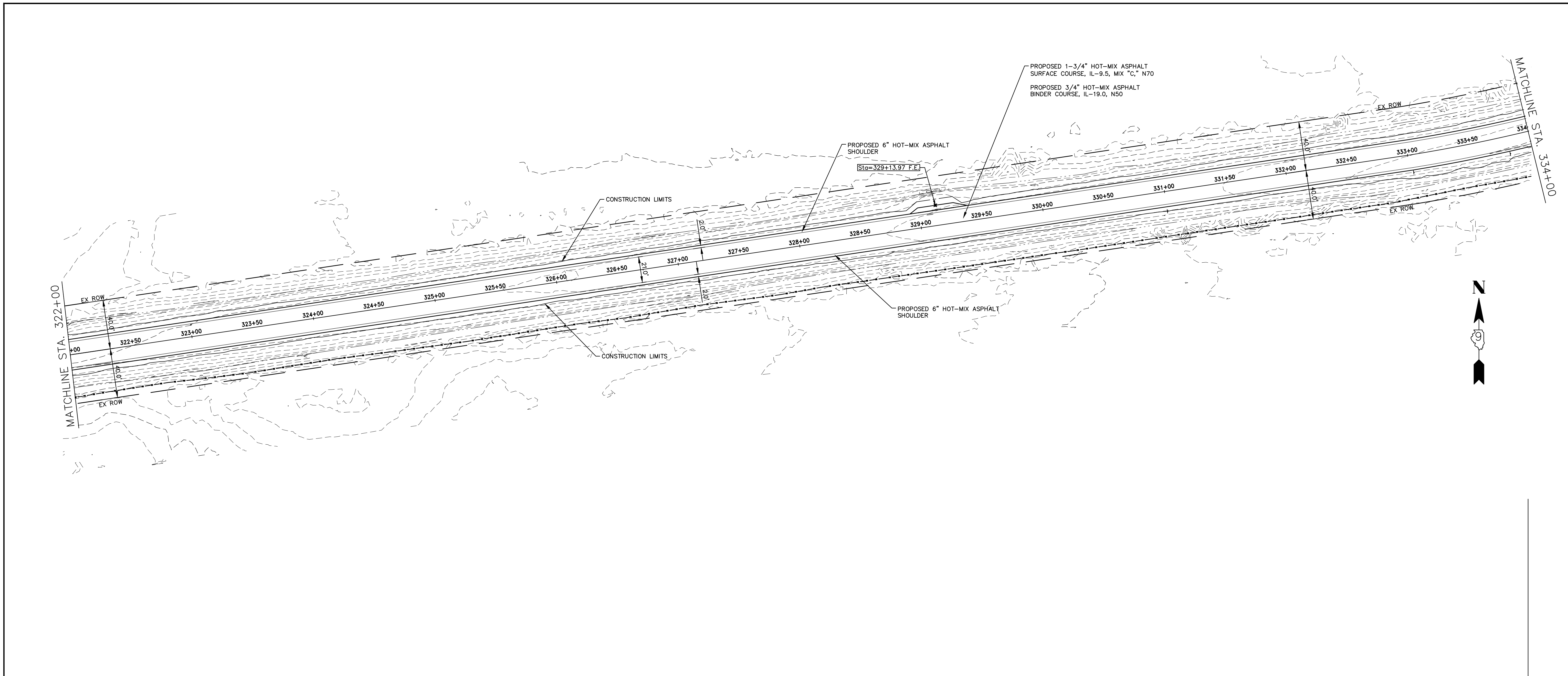
HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 SCALE: 1"=40'
 SHEET 26 OF 31 SHEETS
 STA. 310+00.00 TO STA. 322+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	37
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



550.02 548.8	550.20 550.0	550.50 550.3	550.76 550.5	550.78 550.6	550.89 550.7	551.02 550.8	551.18 551.0	551.32 551.1	551.44 551.2	551.68 551.5	551.81 551.6	551.89 551.7	552.06 551.8	552.39 552.2	552.58 552.4	552.73 552.5	552.75 552.5	552.94 552.7	553.21 553.0	553.58 553.4	553.85 553.6	554.18 554.0	554.47 554.3	554.66 554.4
322+50	323+00	323+50	324+00	324+50	325+00	325+50	326+00	326+50	327+00	327+50	328+00	328+50	329+00	329+50	330+00	330+50	331+00	331+50	332+00	332+50	333+00	333+50	334+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
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 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

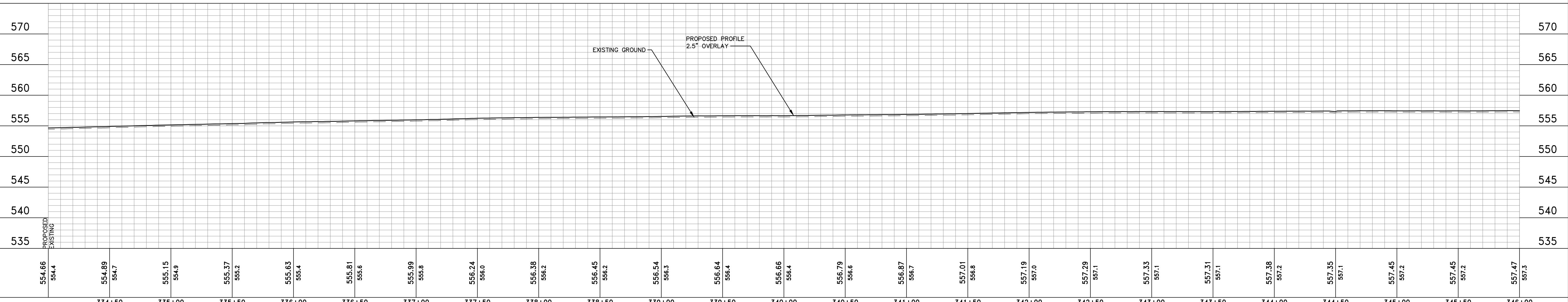
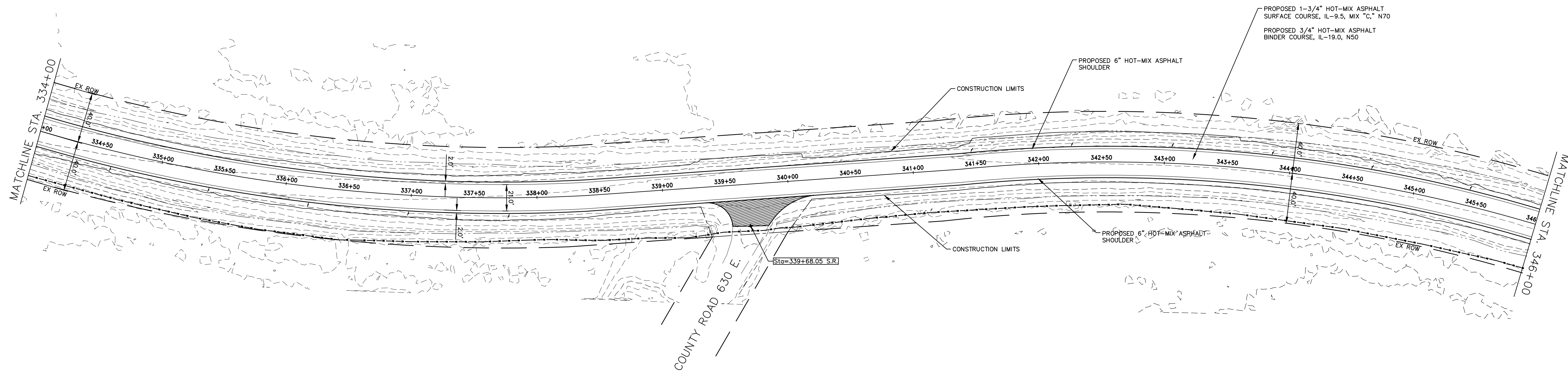
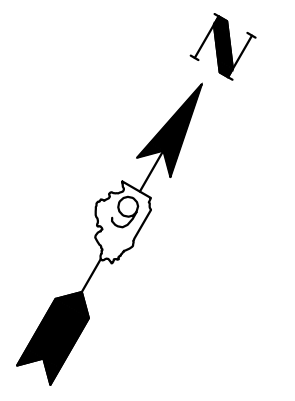
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 27 OF 31 SHEETS STA. 322+00.00 TO STA. 334+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	38
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



554.66 554.4	554.89 554.7	555.15 554.9	555.37 555.2	555.63 555.4	555.81 555.6	555.99 555.8	556.24 556.0	556.38 556.2	556.45 556.2	556.54 556.3	556.64 556.4	556.66 556.4	556.79 556.6	556.87 556.7	557.01 556.8	557.19 557.0	557.29 557.1	557.33 557.1	557.31 557.1	557.38 557.2	557.35 557.1	557.45 557.2	557.45 557.2	557.47 557.3
334+50	335+00	335+50	336+00	336+50	337+00	337+50	338+00	338+50	339+00	339+50	340+00	340+50	341+00	341+50	342+00	342+50	343+00	343+50	344+00	344+50	345+00	345+50	346+00	

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
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 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

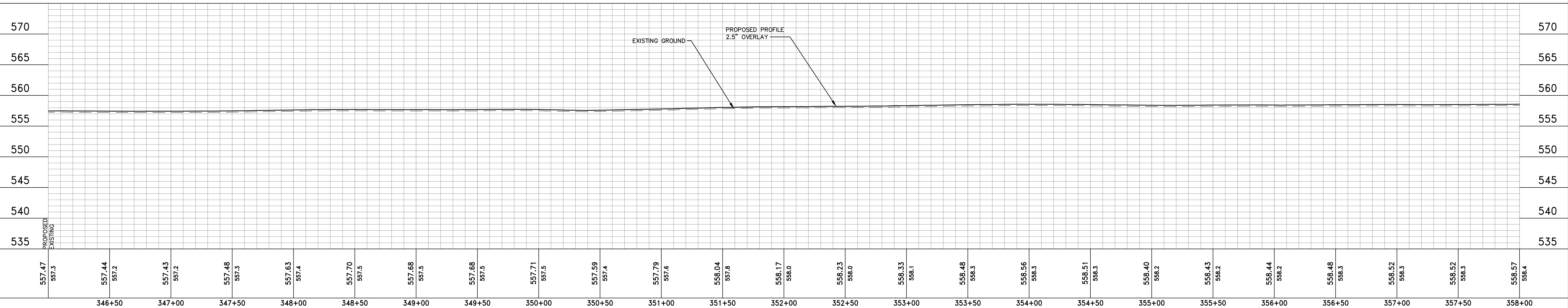
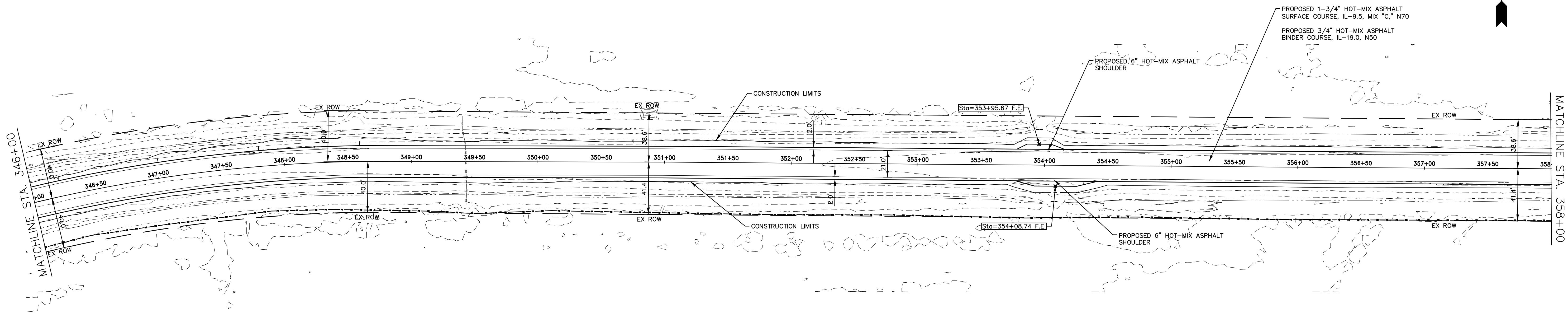
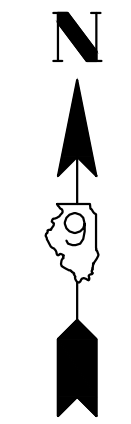
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 28 OF 31 SHEETS STA. 334+00.00 TO STA. 346+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	39
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



557.47	557.3	557.44	557.2	557.43	557.2	557.48	557.3	557.63	557.4	557.70	557.5	557.68	557.5	557.71	557.5	557.59	557.4	557.79	557.6	558.04	557.8	558.17	558.0	558.23	558.0	558.33	558.1	558.48	558.3	558.56	558.3	558.51	558.3	558.40	558.2	558.43	558.2	558.44	558.2	558.48	558.3	558.52	558.3	558.52	558.3	558.57	558.4
346+50	347+00	347+50	348+00	348+50	349+00	349+50	350+00	350+50	351+00	351+50	352+00	352+50	353+00	353+50	354+00	354+50	355+00	355+50	356+00	356+50	357+00	357+50	358+00																								

HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

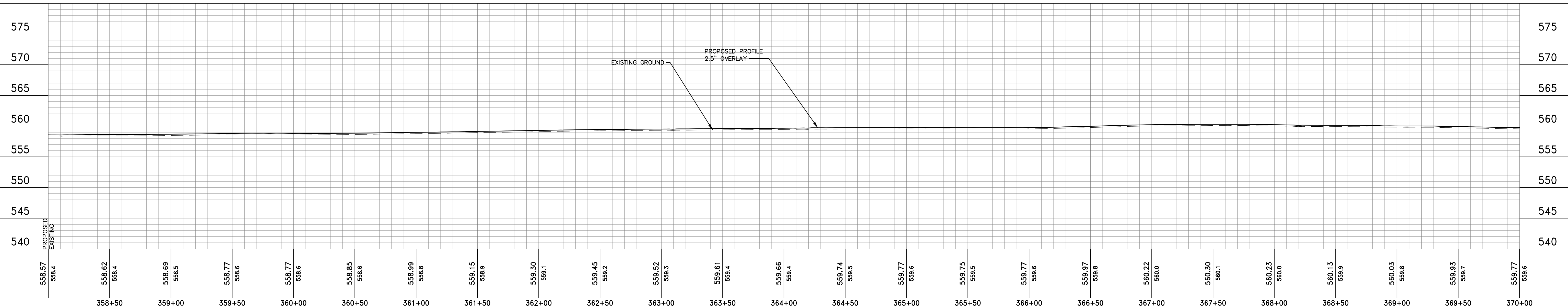
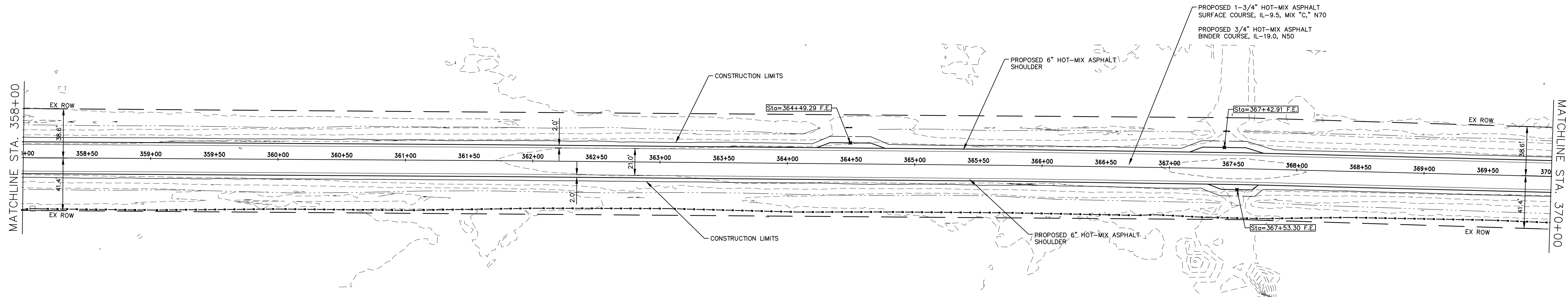
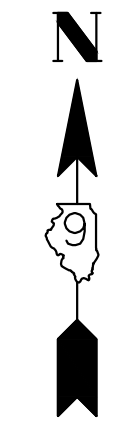
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 29 OF 31 SHEETS STA. 346+00.00 TO STA. 358+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	40
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



558.57 558.4	558.62 558.4	558.69 558.5	558.77 558.6	558.77 558.6	558.85 558.6	558.99 558.8	559.15 558.9	559.30 559.1	559.45 559.2	559.52 559.3	559.61 559.4	559.66 559.4	559.74 559.5	559.77 559.6	559.75 559.5	559.77 559.6	559.97 559.8	560.22 560.0	560.30 560.1	560.23 560.0	560.13 559.9	560.03 559.8	559.93 559.7	559.77 559.6
358+50	359+00	359+50	360+00	360+50	361+00	361+50	362+00	362+50	363+00	363+50	364+00	364+50	365+00	365+50	366+00	366+50	367+00	367+50	368+00	368+50	369+00	369+50	370+00	

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 LS / PE / SE CORP. 184.000999

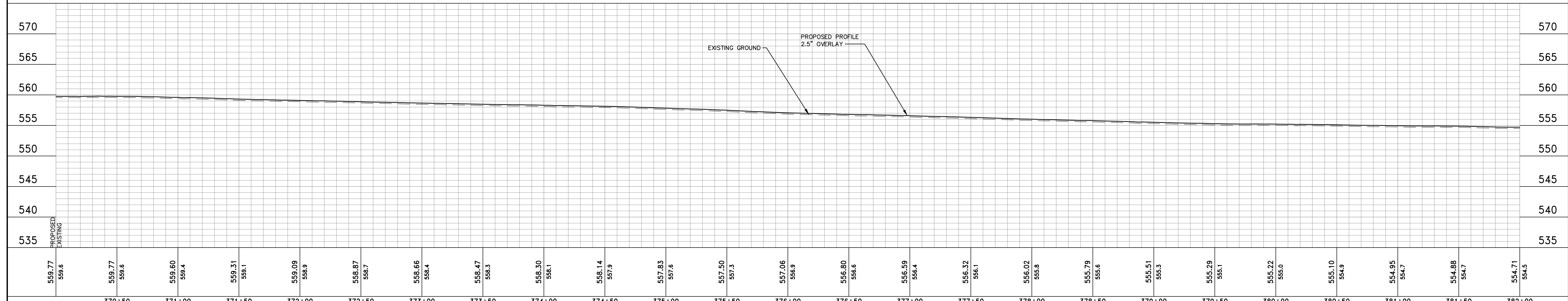
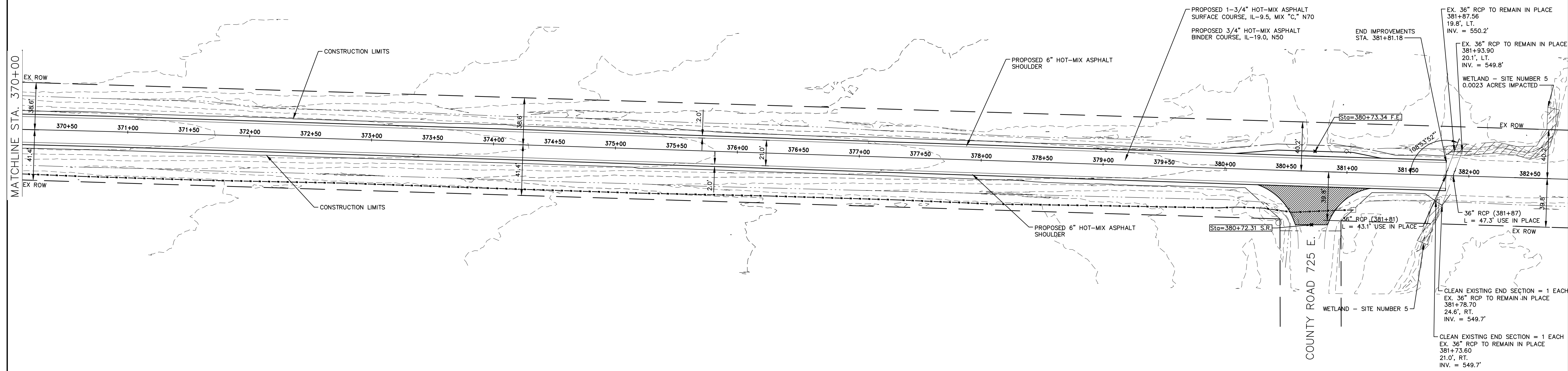
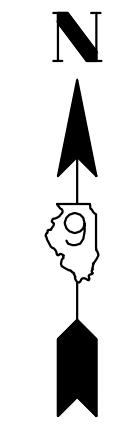
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 30 OF 31 SHEETS STA. 358+00.00 TO STA. 370+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	41
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



559.77 559.6	559.77 559.6	559.60 559.4	559.31 559.1	559.09 558.9	558.87 558.7	558.66 558.4	558.47 558.3	558.30 558.1	558.14 557.9	557.83 557.6	557.50 557.3	557.06 556.9	556.80 556.6	556.59 556.4	556.32 556.1	556.02 555.8	555.79 555.6	555.51 555.3	555.29 555.1	555.22 555.0	555.10 554.9	554.95 554.7	554.88 554.7	554.71 554.5
370+50	371+00	371+50	372+00	372+50	373+00	373+50	374+00	374+50	375+00	375+50	376+00	376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	380+50	381+00	381+50	382+00	

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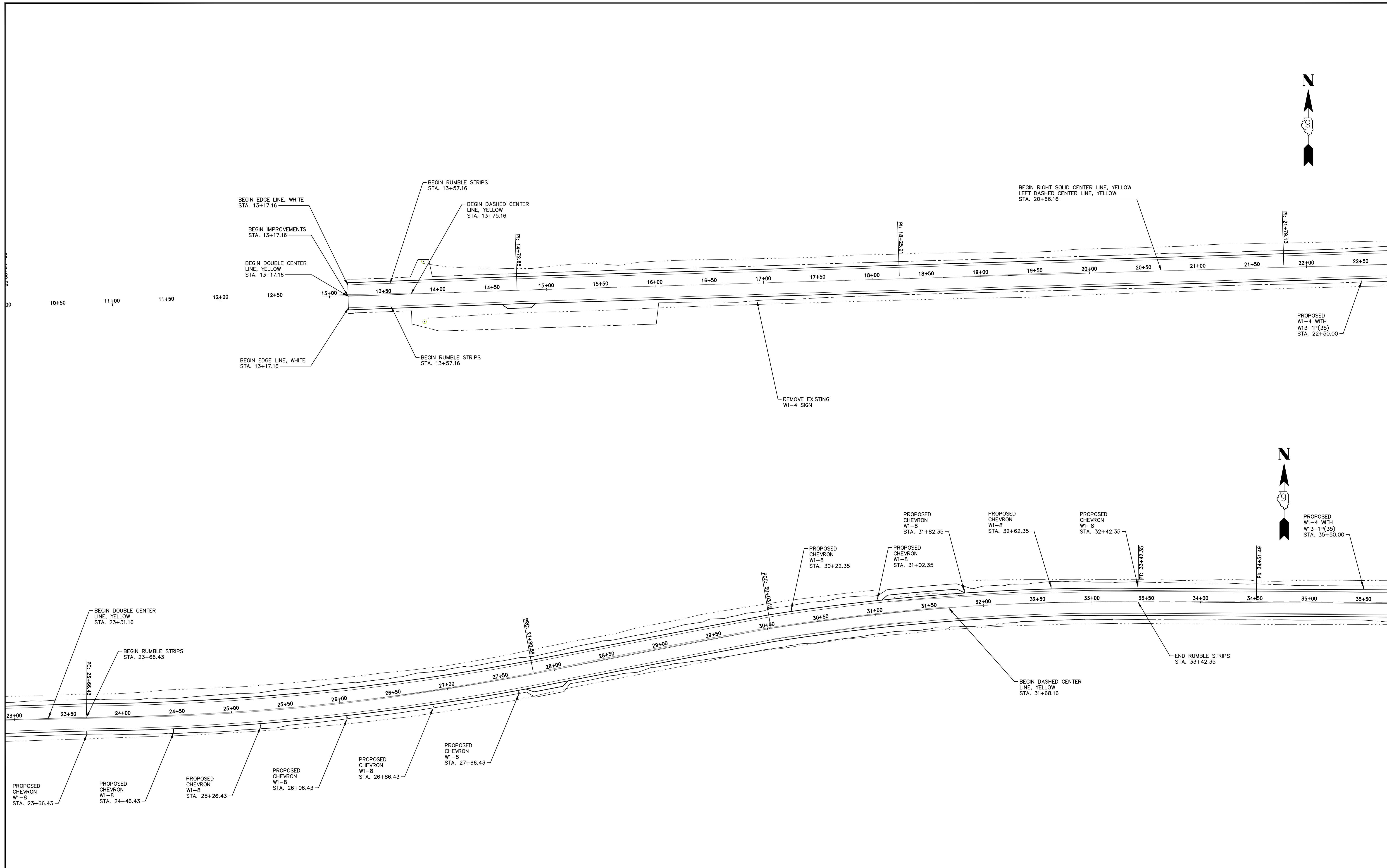
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

SCALE: 1"=40' SHEET 31 OF 31 SHEETS STA. 370+00.00 TO STA. 382+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	42
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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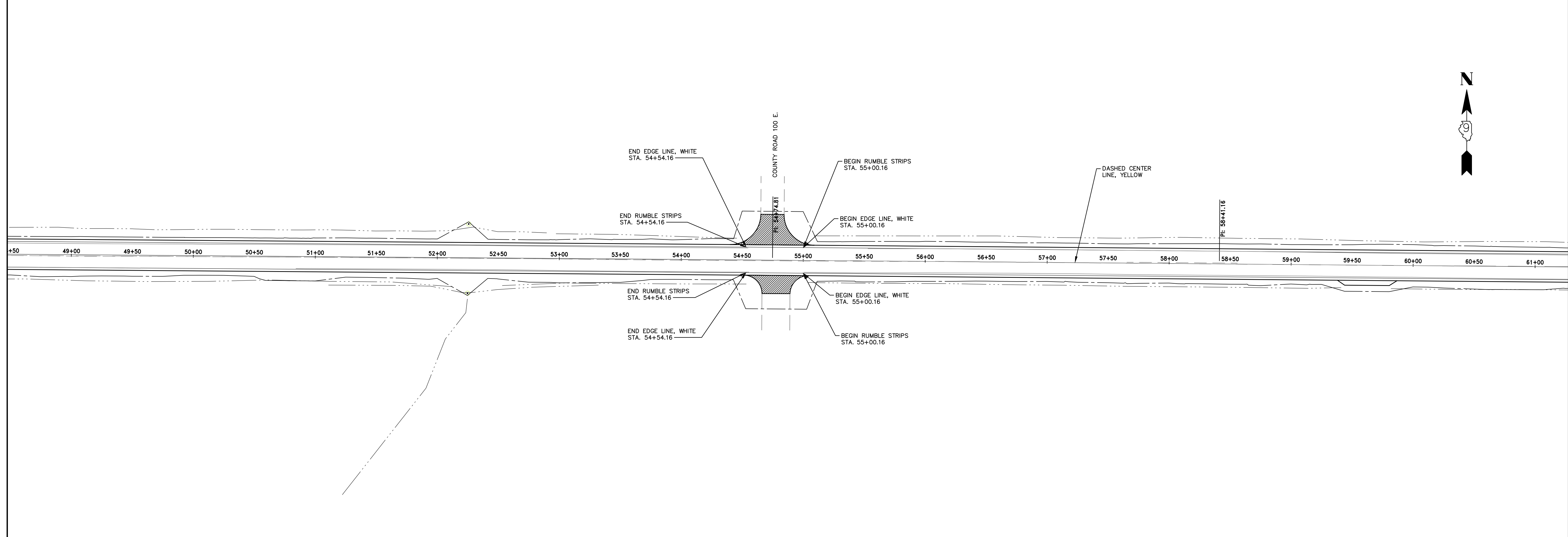
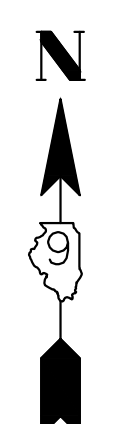
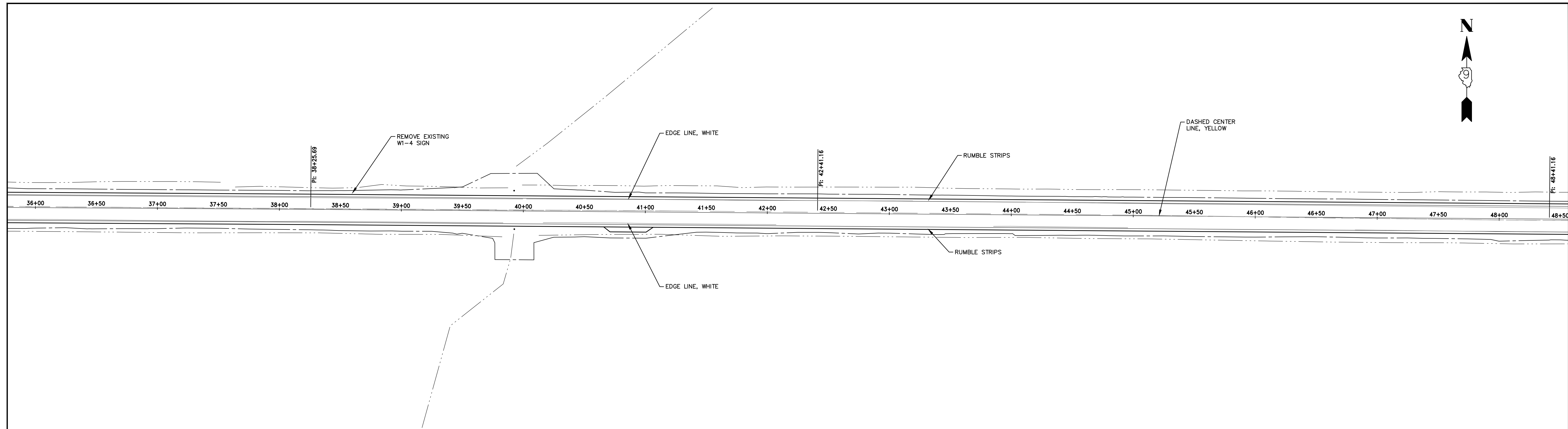
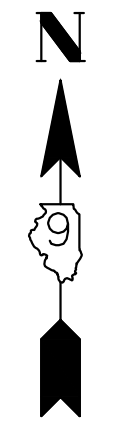
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 1 OF 15 SHEETS STA. 10+00.00 TO STA. 36+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	43
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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 323 WEST THIRD STREET, P.O. BOX 160
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 LS / PE / SE CORP. 184.000959

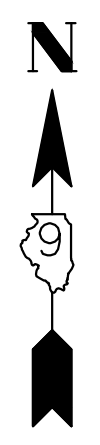
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 2 OF 15 SHEETS STA. 36+00 TO STA. 61+00

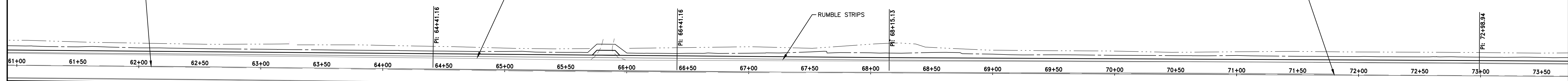
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	44
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



BEGIN LEFT SOLID CENTER LINE, YELLOW
RIGHT DASHED CENTER LINE, YELLOW
STA. 62+10.16

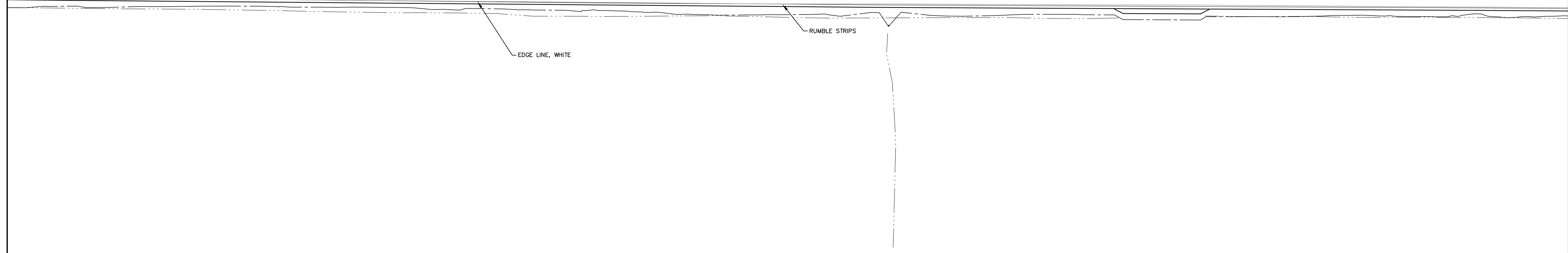
EDGE LINE, WHITE

BEGIN DASHED CENTER
LINE, YELLOW
STA. 71+80.16



EDGE LINE, WHITE

RUMBLE STRIPS

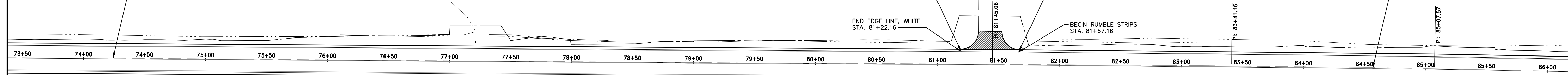


BEGIN RIGHT SOLID CENTER LINE, YELLOW
LEFT DASHED CENTER LINE, YELLOW
STA. 74+24.16

END RUMBLE STRIPS
STA. 81+22.16

BEGIN EDGE LINE, WHITE
STA. 81+67.16

BEGIN DASHED CENTER
LINE, YELLOW
STA. 84+57.16



END EDGE LINE, WHITE
STA. 81+22.16

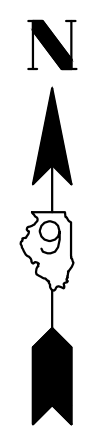
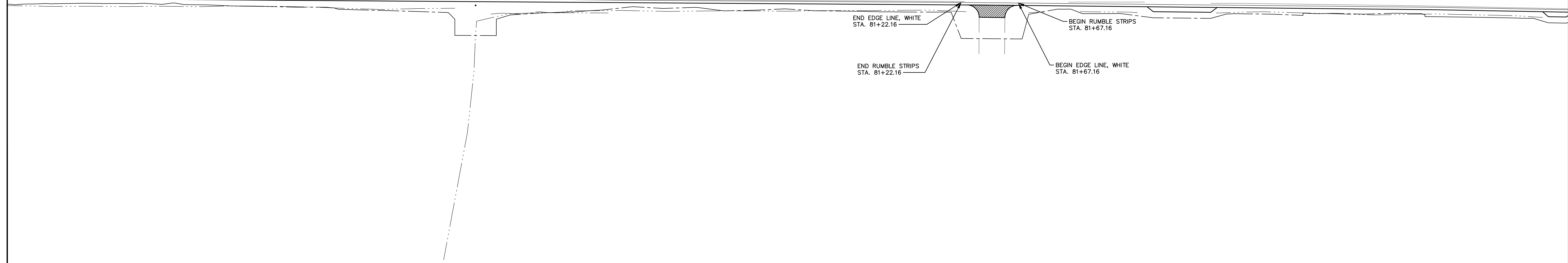
BEGIN RUMBLE STRIPS
STA. 81+67.16

END EDGE LINE, WHITE
STA. 81+22.16

BEGIN RUMBLE STRIPS
STA. 81+67.16

END RUMBLE STRIPS
STA. 81+22.16

BEGIN EDGE LINE, WHITE
STA. 81+67.16



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323 WEST THIRD STREET, P.O. BOX 160
MT. CARMEL, ILLINOIS 62863
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LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
FILE NAME - 210097.dwg
PLOT SCALE - 5H=1V
PLOT DATE - 06/04/2021

DESIGNED - SEK
DRAWN - SEK
CHECKED - SAA
DATE - 06/08/2021

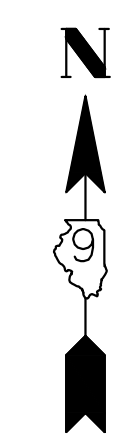
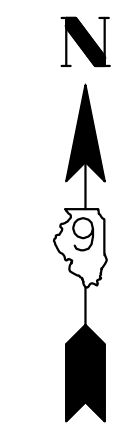
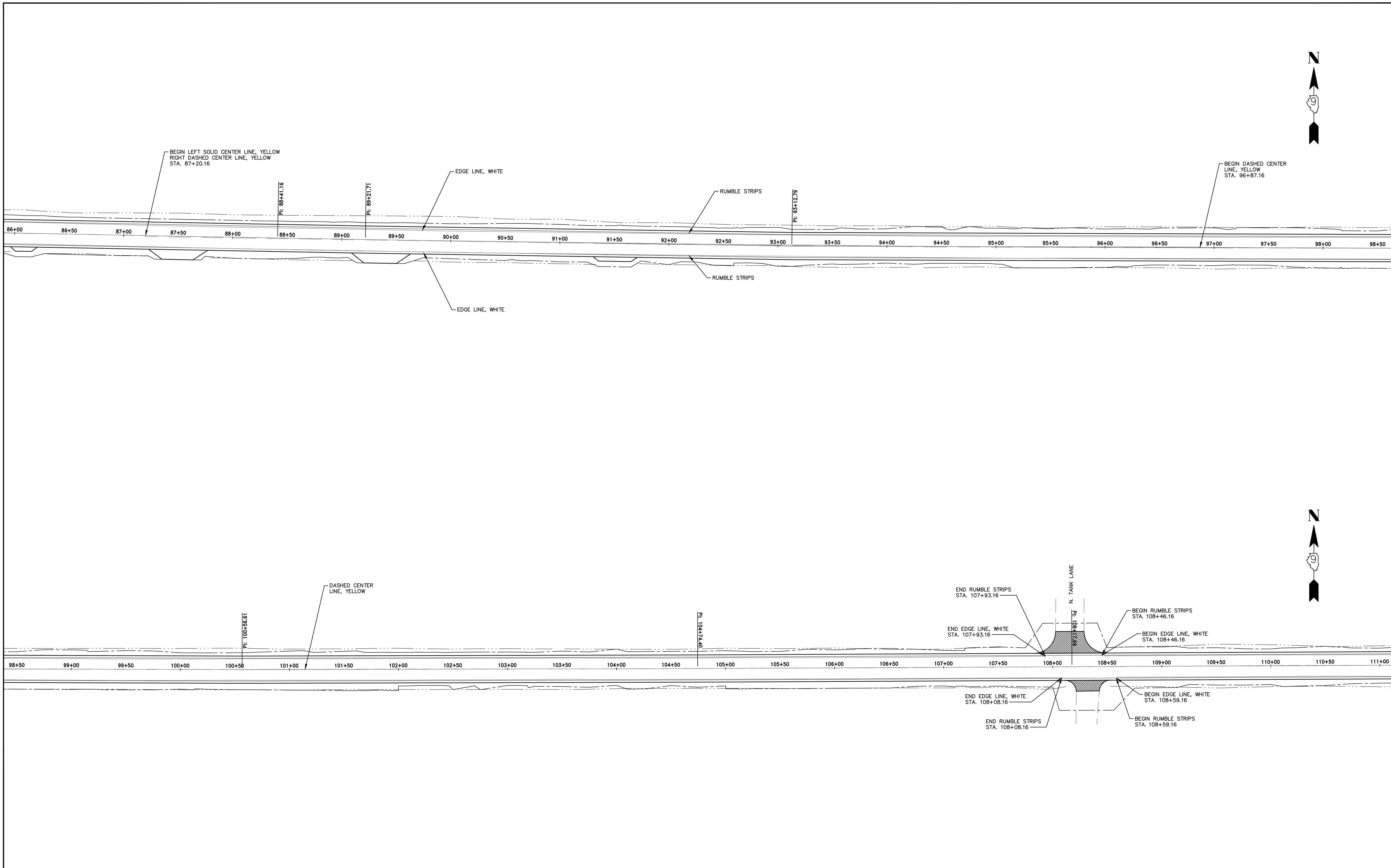
REVISED - XXXX
REVISED - XXXX
REVISED - XXXX
REVISED - XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 3 OF 15 SHEETS STA. 61+00 TO STA. 86+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	45
DIX-IRVINGTON ROAD / CH 39			CONTRACT NO. 99692	
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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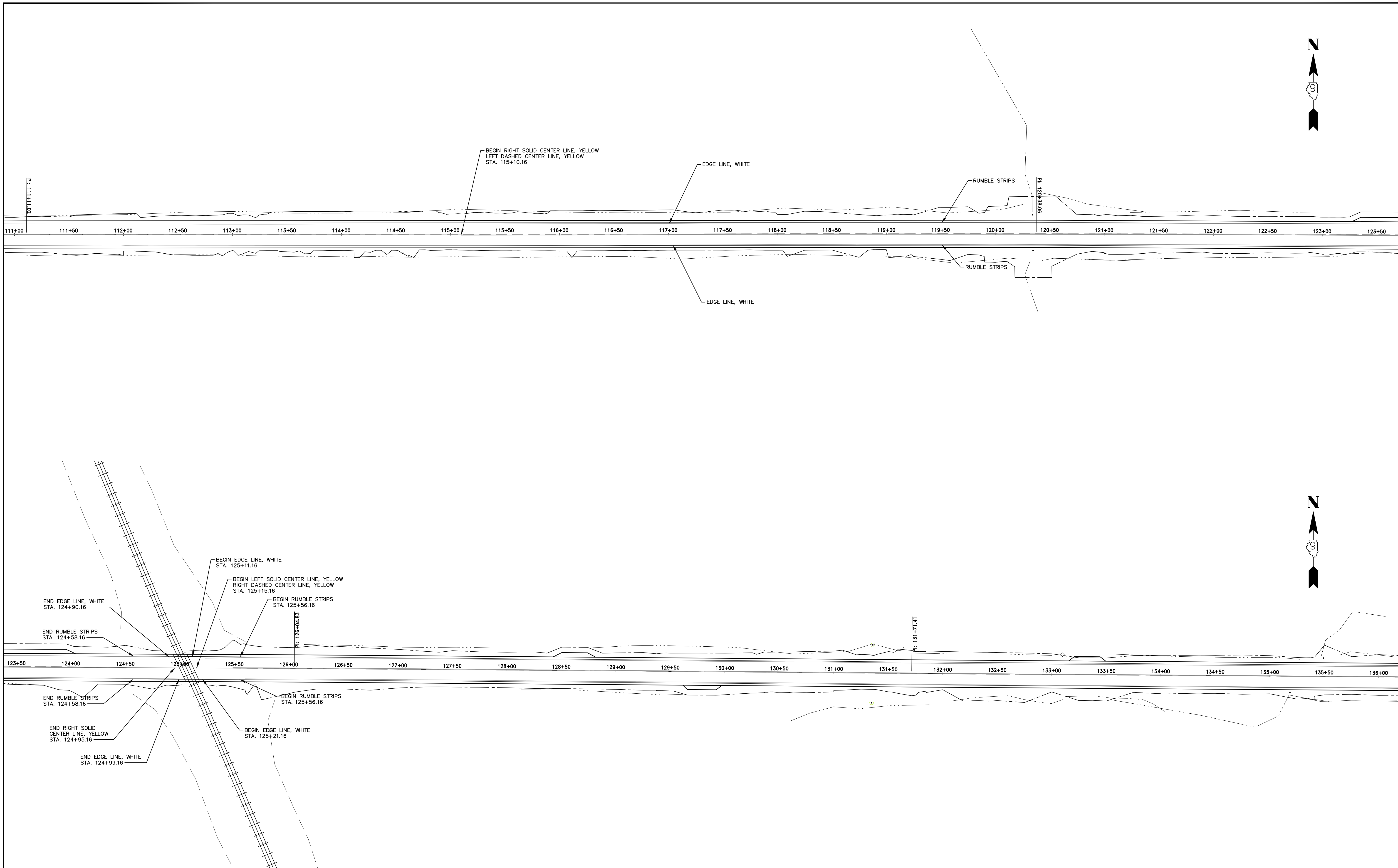
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 4 OF 15 SHEETS STA. 86+00.00 TO STA. 111+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	46
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



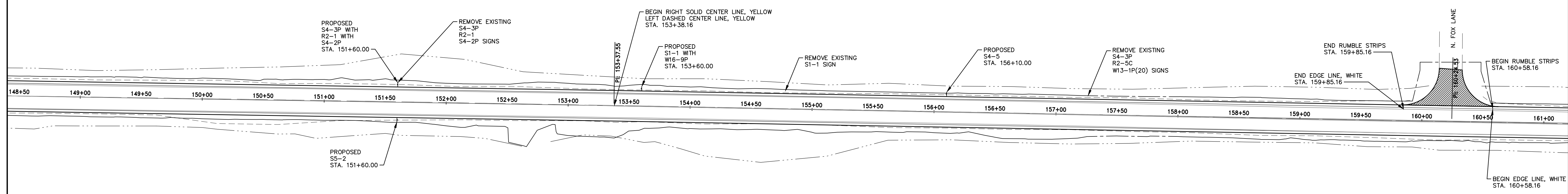
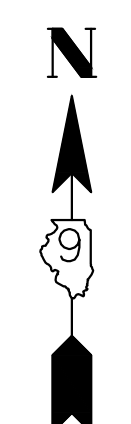
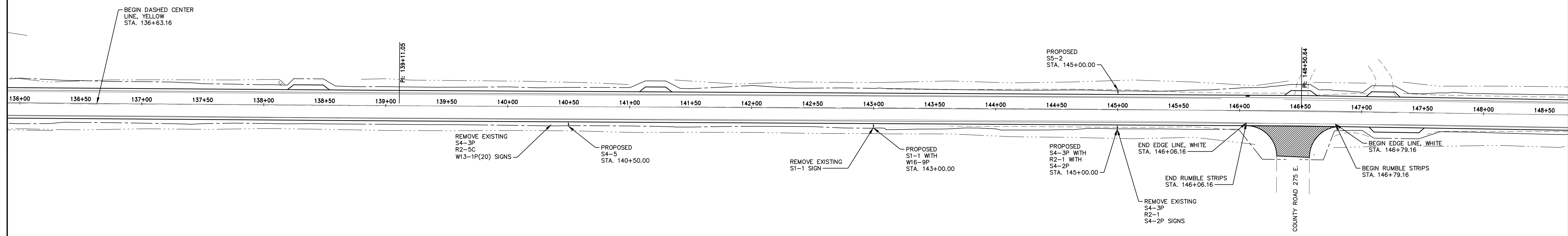
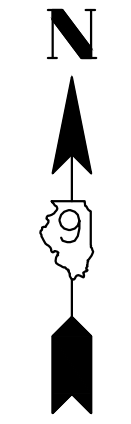
HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING
 SCALE: 1"=40' SHEET 5 OF 15 SHEETS STA. 111+00.00 TO STA. 136+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	47
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.0009959

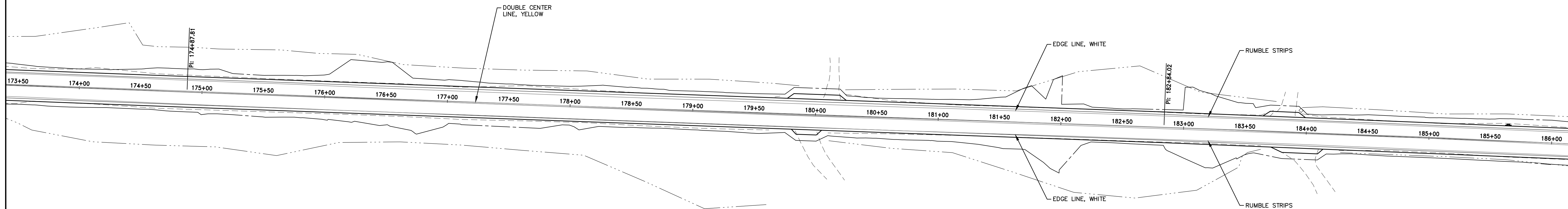
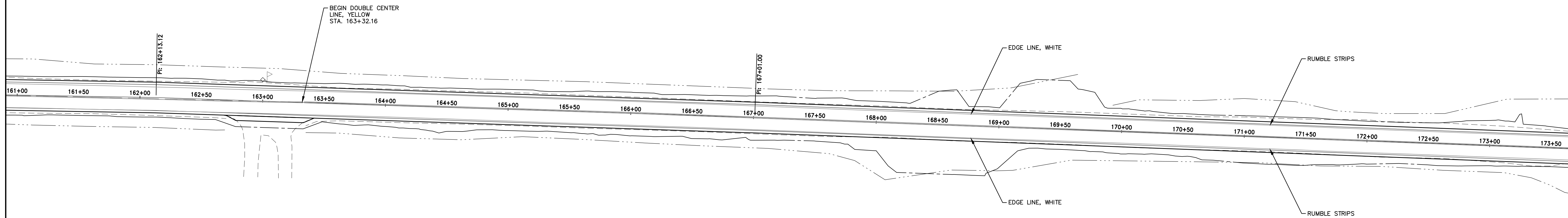
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 6 OF 15 SHEETS STA. 136+00 TO STA. 161+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	48
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
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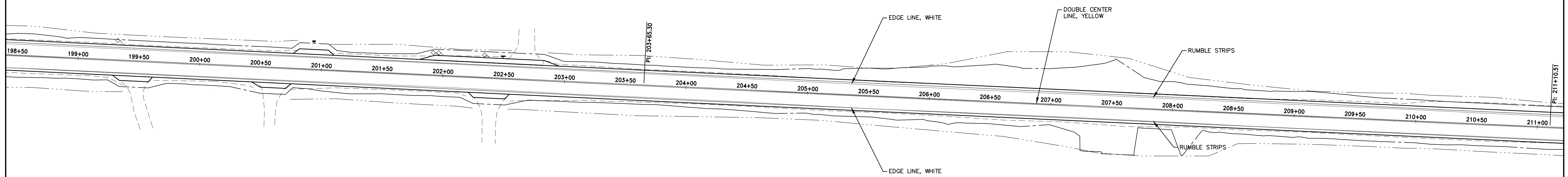
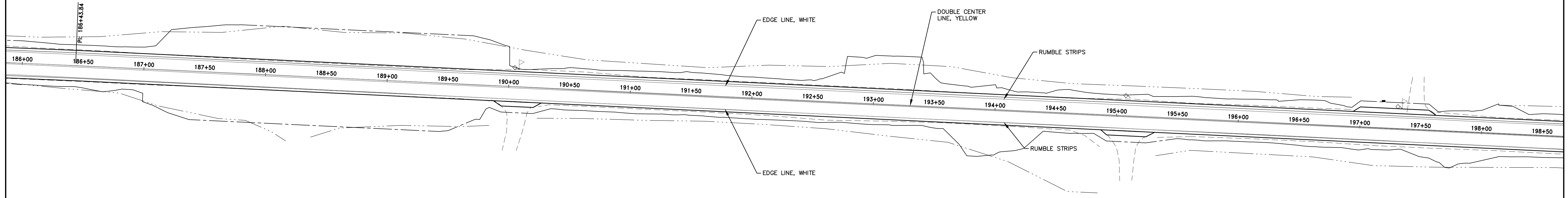
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 7 OF 15 SHEETS STA. 161+00 TO STA. 186+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	49
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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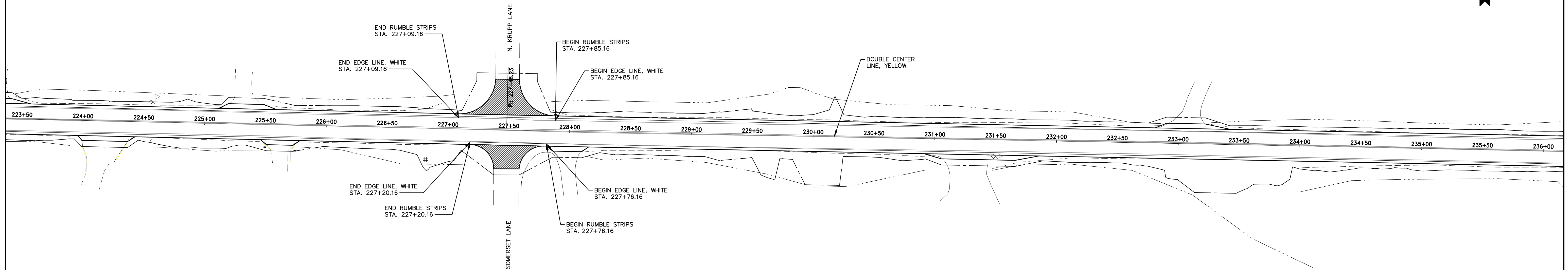
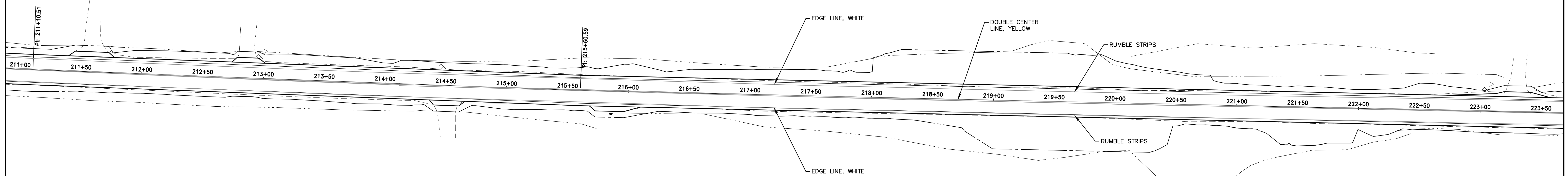
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 8 OF 15 SHEETS STA. 186+00 TO STA. 211+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	50
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
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 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

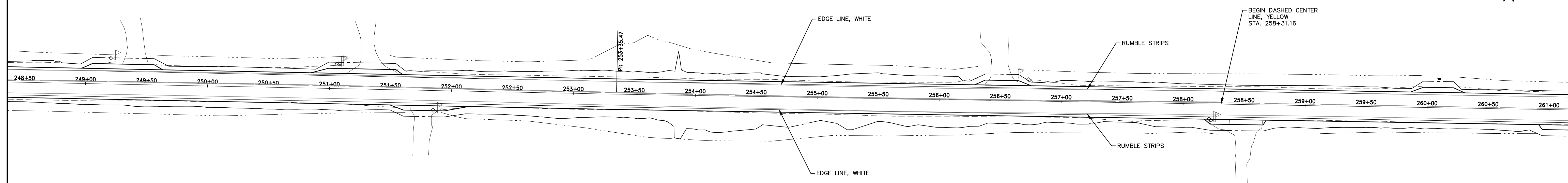
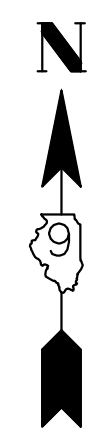
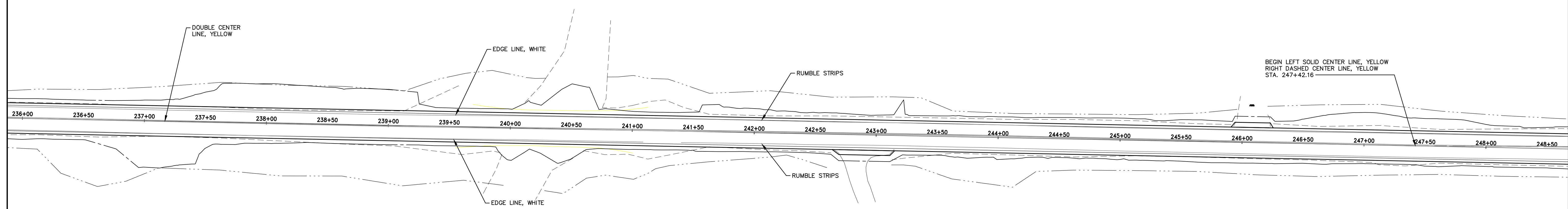
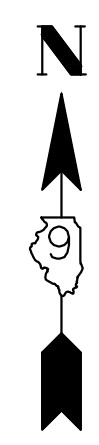
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PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 9 OF 15 SHEETS STA. 211+00 TO STA. 236+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	51
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

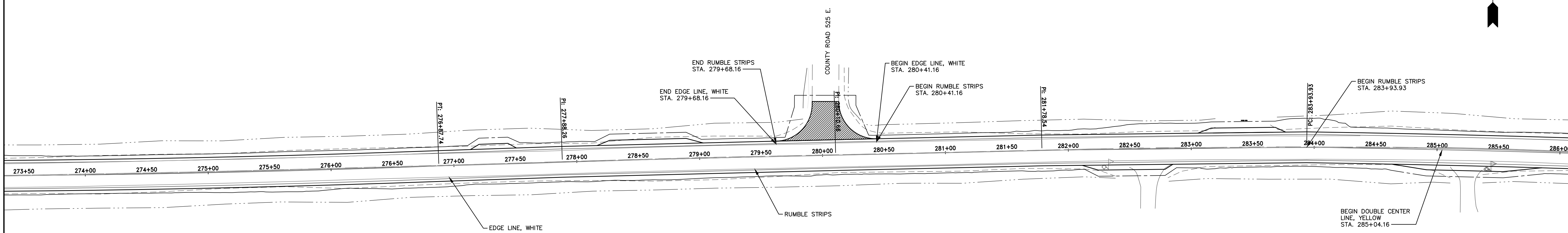
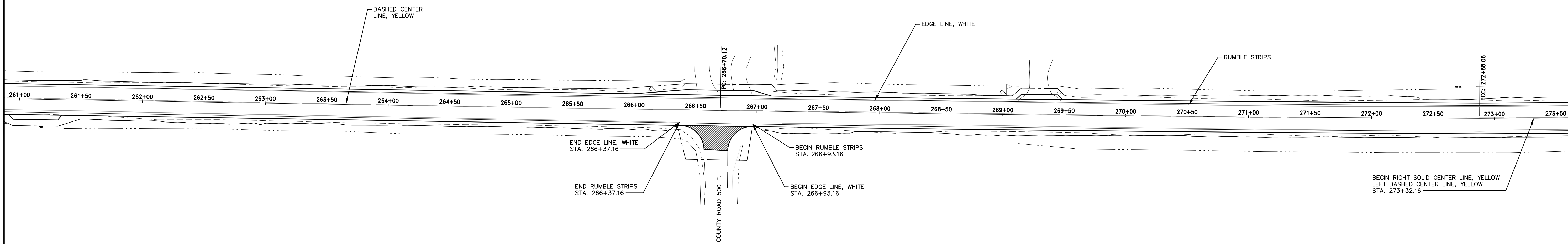
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 10 OF 15 SHEETS STA. 236+00 TO STA. 261+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	52
DIX-IRVINGTON ROAD / CH 39			CONTRACT NO. 99692	
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

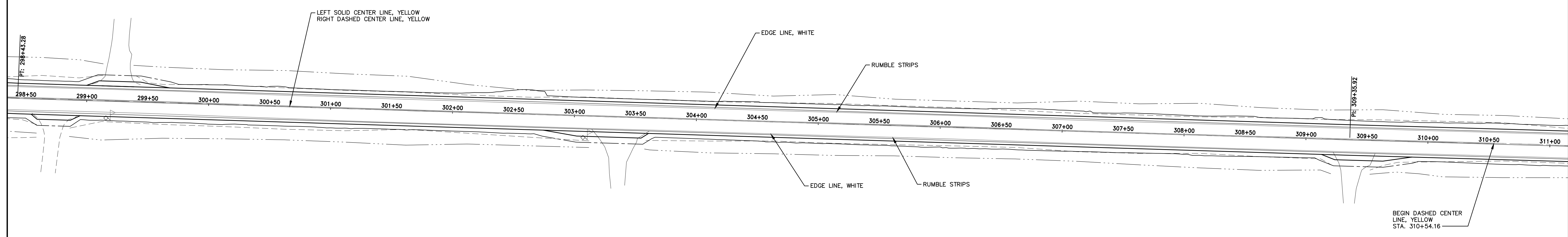
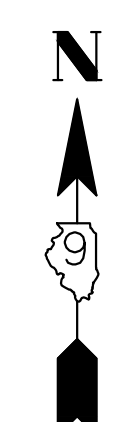
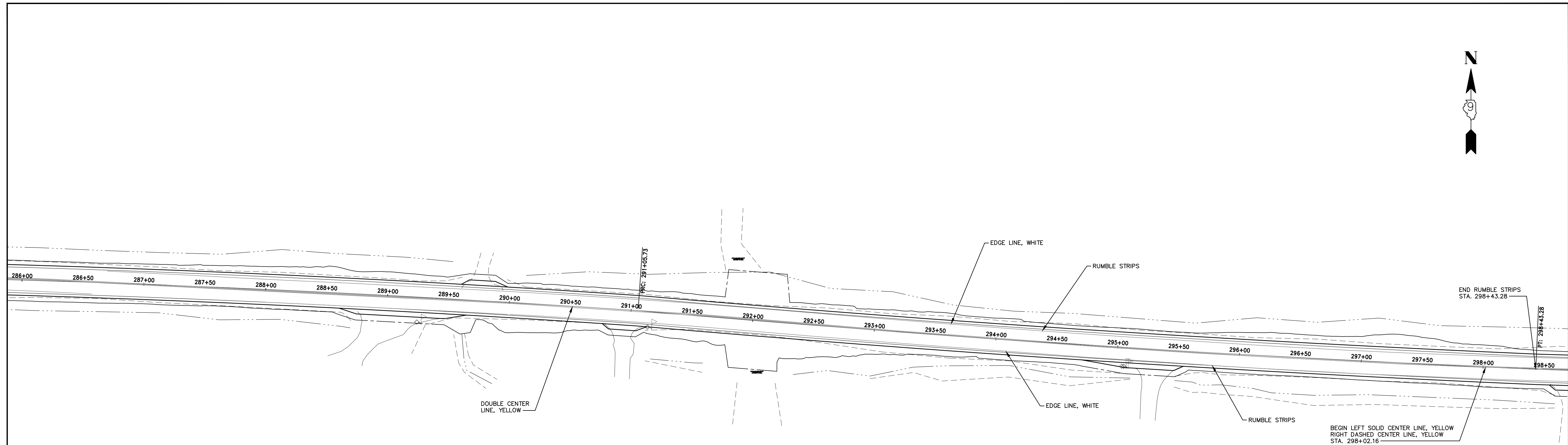
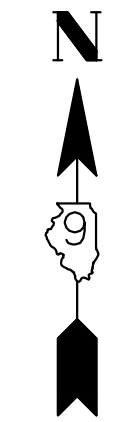
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FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 11 OF 15 SHEETS STA. 261+00 TO STA. 286+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	53
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

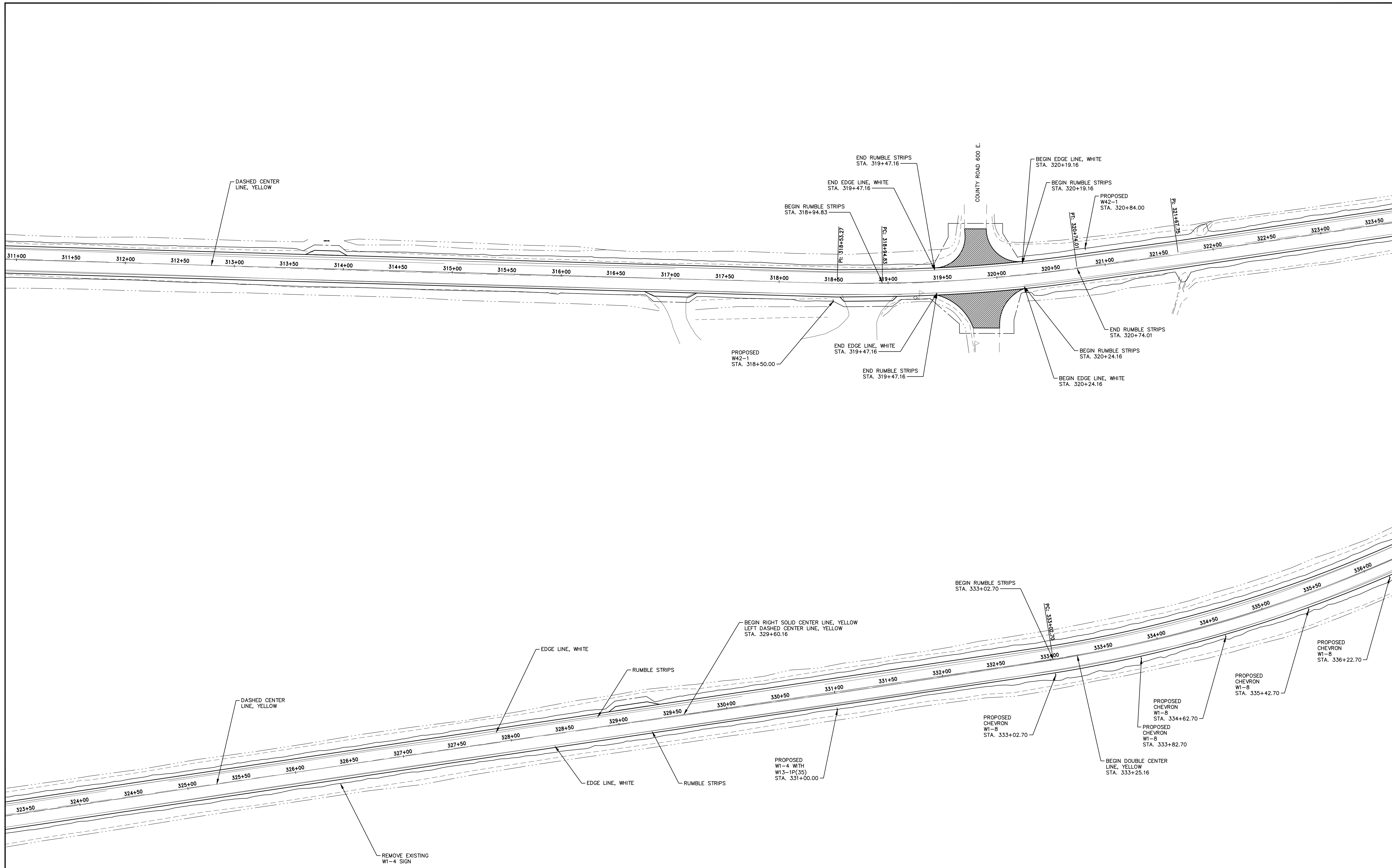
PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 12 OF 15 SHEETS STA. 286+00 TO STA. 311+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	54
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



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 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

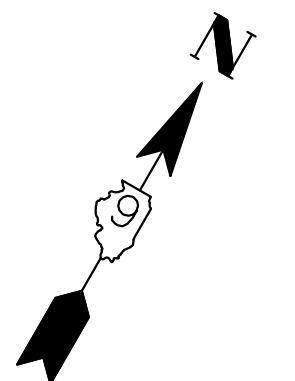
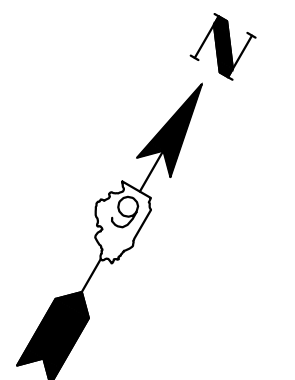
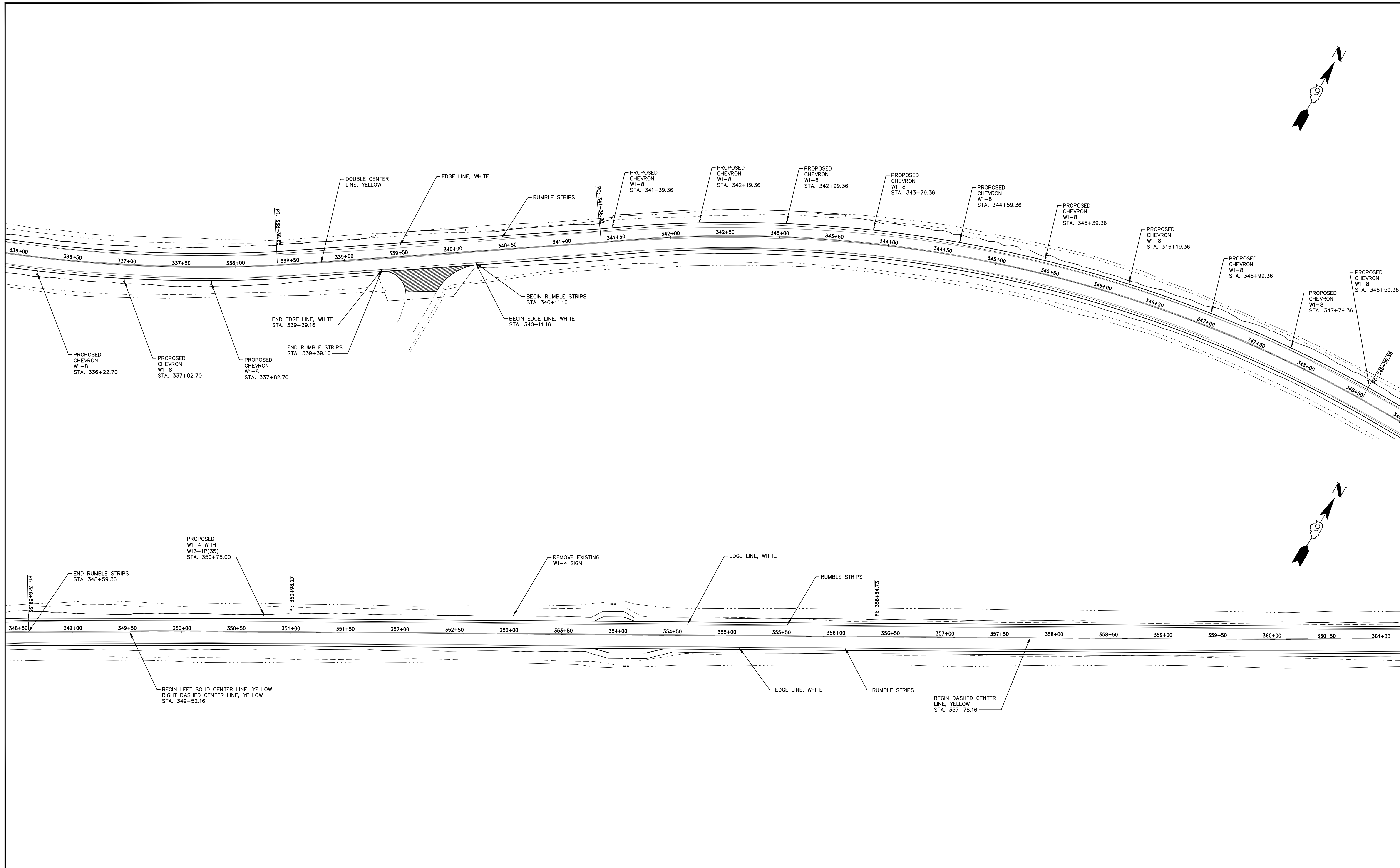
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PLOT SCALE - 5H=1V	CHECKED - SAA	REVISED - XXXX
PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 13 OF 15 SHEETS STA. 311+00 TO STA. 336+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	55
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		



HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000999

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 5H=1V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/08/2021

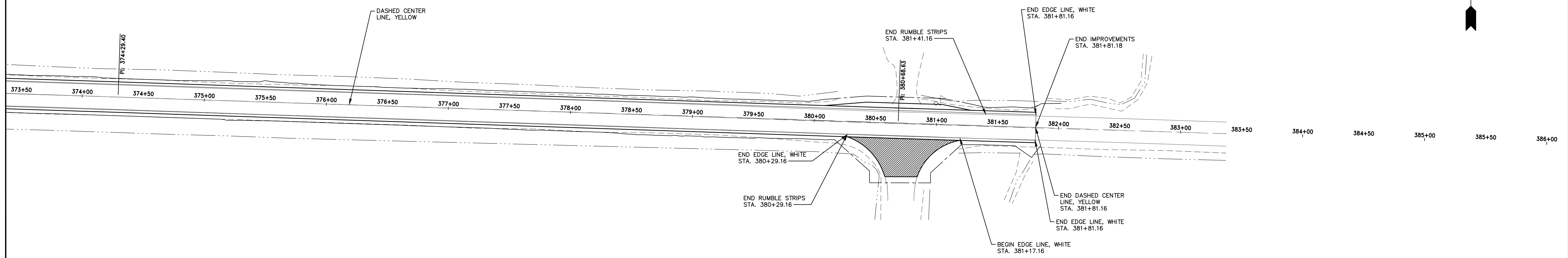
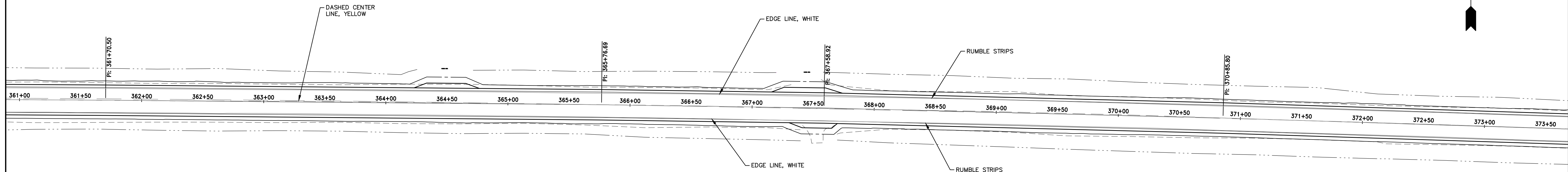
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

SCALE: 1"=40' SHEET 14 OF 15 SHEETS STA. 336+00 TO STA. 361+00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	56
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18 ILLINOIS FEDERAL AID PROJECT: A14M(523)				



PROJECT NO. - 21.0097.330	DESIGNED - SEK	REVISED - XXXX
FILE NAME - 210097.dwg	DRAWN - SEK	REVISED - XXXX
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PLOT DATE - 06/04/2021	DATE - 06/08/2021	REVISED - XXXX

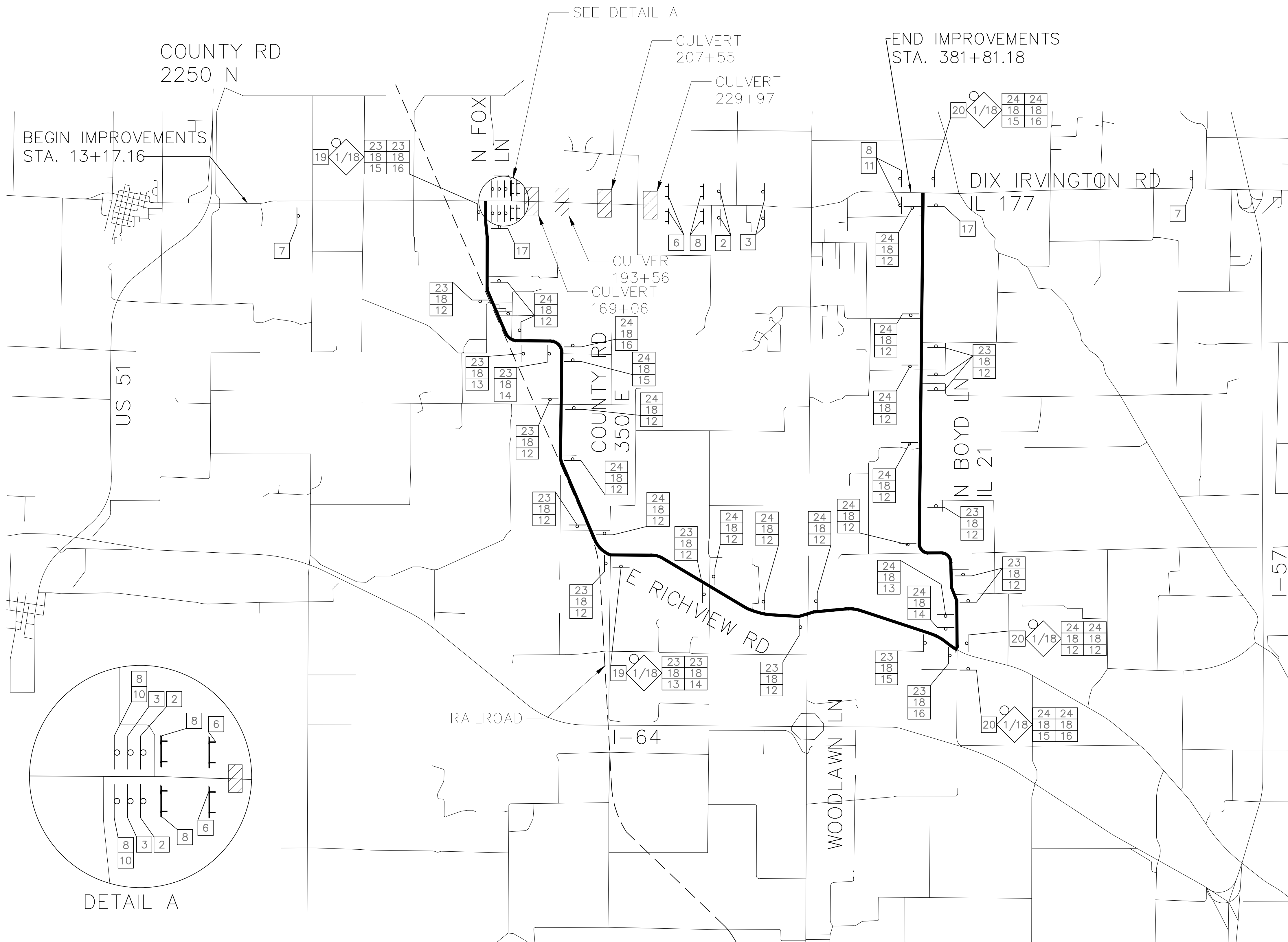
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING

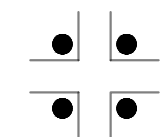
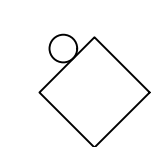
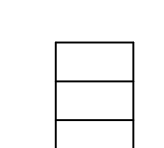
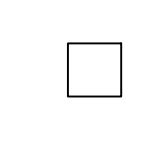


SCALE: 1"=40' SHEET 15 OF 15 SHEETS STA. 361+00 TO STA. 381+81.18

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		

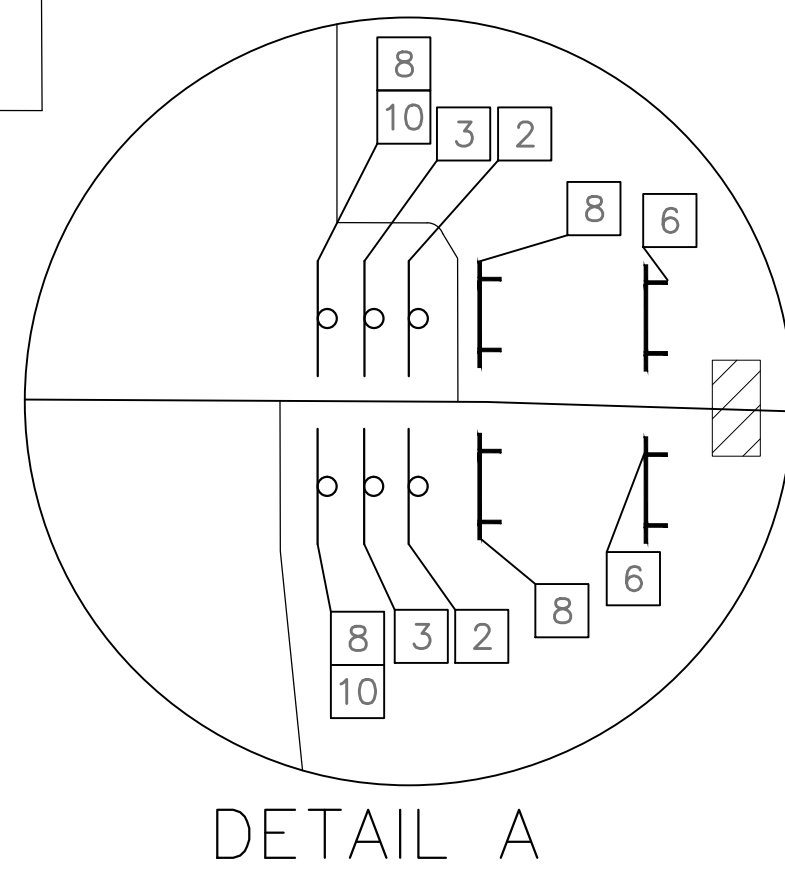
DETOUR PLAN



LEGEND

-  SIGNALIZED INTERSECTION
-  48"X48" CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
-  M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
-  OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
-  TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
-  DETOUR ROUTE

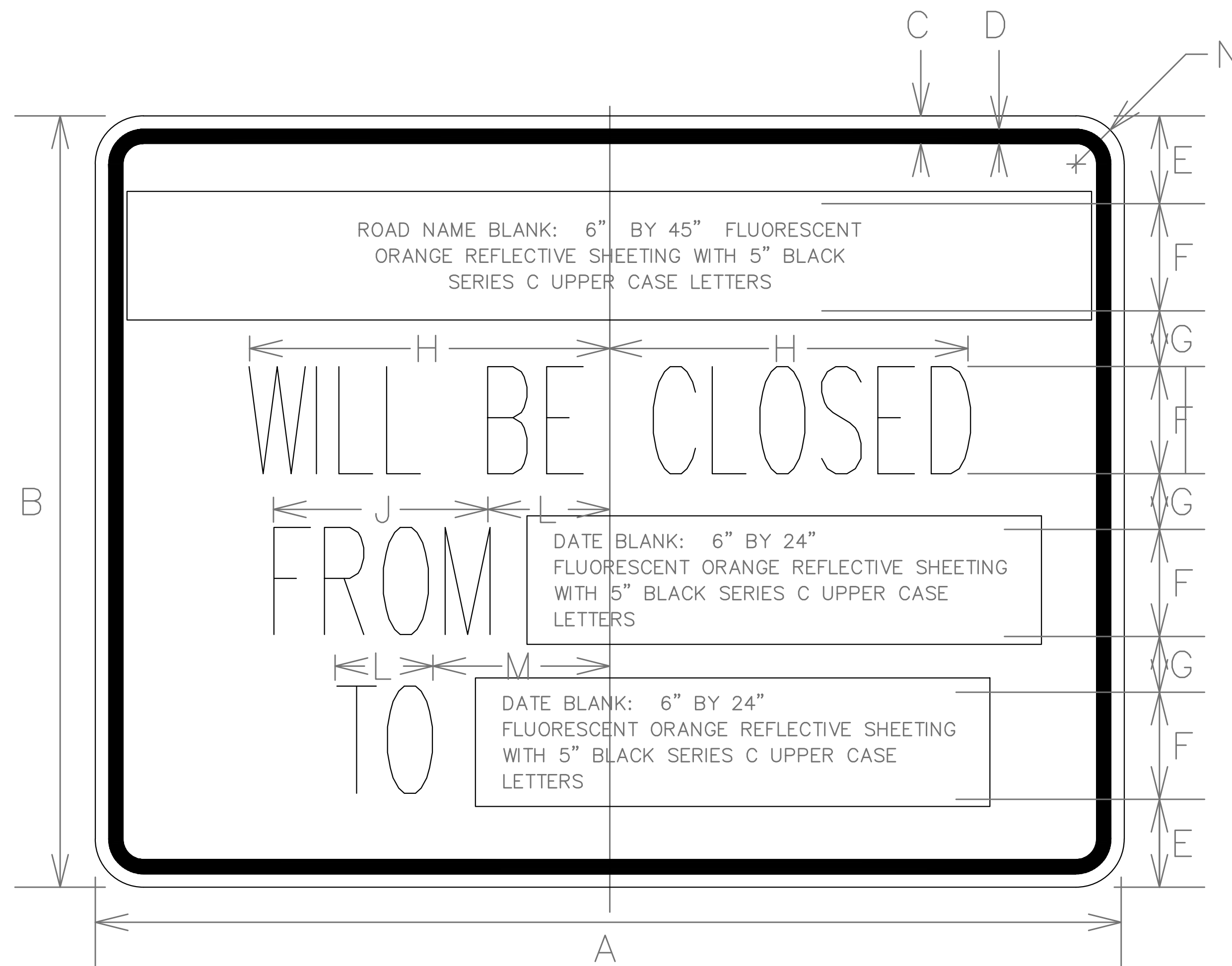
- SPECIAL DETOUR NOTES:
1. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE DETOUR GENERAL NOTES. SEE SHEET 60 FOR THE DETOUR GENERAL NOTES.
 2. SEE SHEET 59 FOR INFORMATION ON THE DESIGN AND LOCATION OF THE DETOUR INFORMATION SIGNS.
 3. A MINIMUM OF 8 TYPE III BARRICADES WILL BE NEEDED FOR THIS DETOUR AND ROAD CLOSURE. SEE DETOUR GENERAL NOTE 9.
 4. PRIOR TO AND AT THE CONCLUSION OF THE DETOUR PLAN, THE TRAFFIC CONTROL PLAN SHOWN ON SHEET 58 SHALL BE IN EFFECT.
 5. THE DURATION OF THE DETOUR SHALL NOT EXCEED 52 CALENDAR DAYS.
 6. THE LIQUIDATED DAMAGES FOR EXCEEDING THE CALENDAR DAYS ALLOWED SHALL BE \$5,000.00 PER CALENDAR DAY.



NUMBER OF SIGNS 6



DATES SHOWN ARE FOR EXAMPLE ONLY



DIMENSIONS (ENGLISH)

A	48"
B	36"
C	5/8"
D	7/8"
E	4 1/8"
F	5"
G	2 5/8"
H	9 3/4"
J	12"
K	5 1/2"
L	5 1/2"
M	8 1/2"
N	2 1/4"

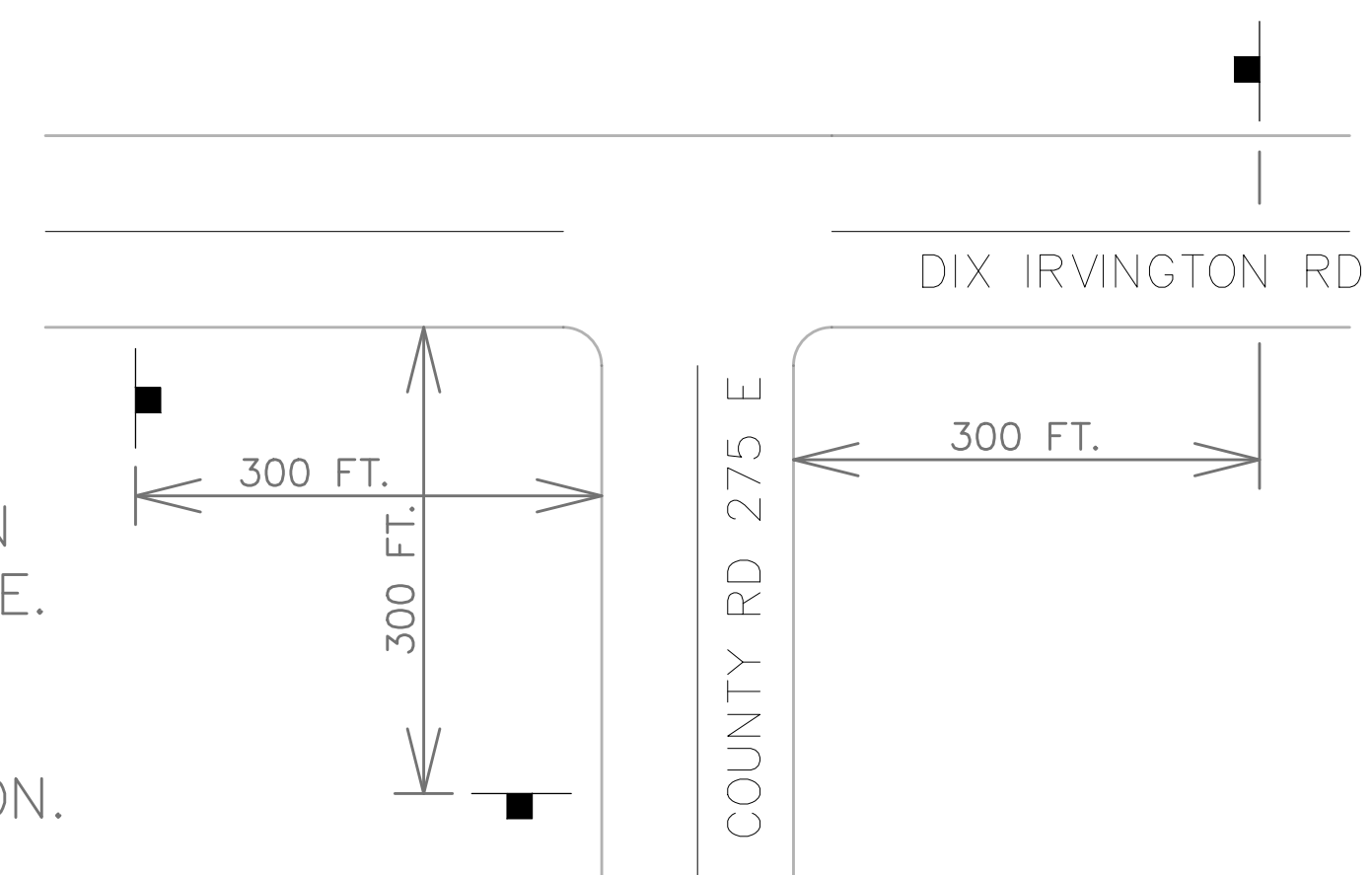
NOTE: SIGN SHEETING SHALL BE FLUORESCENT ORANGE WITH 5 INCH (120 mm) BLACK SERIES C LETTERS

LOCATIONS OF PRE-DETOUR INFORMATION SIGNS BY INTERSECTION

- N.B. COUNTY ROAD 275 E, SOUTH OF DIX IRVINGTON ROAD
- E.B. DIX IRVINGTON ROAD, WEST OF COUNTY ROAD 275 E
- W.B. DIX IRVINGTON ROAD, EAST OF COUNTY ROAD 275 E
- N.B. N BOYD ROAD, SOUTH OF DIX IRVINGTON ROAD
- E.B. DIX IRVINGTON ROAD, WEST OF N BOYD ROAD
- W.B. DIX IRVINGTON ROAD, EAST OF N BOYD ROAD

NOTE:
THESE SIGNS SHALL BE INSTALLED 7-10 CALENDAR DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS AT THE INTERSECTION OF DIX IRVINGTON ROAD AND COUNTY ROAD 275 E. SIGNS AT DIX IRVINGTON ROAD AND N BOYD ROAD WILL BE INSTALLED IN A SIMILAR FASHION.



SCHEDULE OF QUANTITIES

DETOUR GENERAL NOTES

SIGN NO.	SIGN	SIGN TYPE	QUANTITY	SIGN NO.	SIGN	SIGN TYPE	QUANTITY
①		W20-2	5	⑮		M4-9L	5
②		W20-3	2	⑯		M4-9L	5
③		W20-3	2	⑰		M4-8a	2
④		W20-3	0	⑱		SPECIAL	49
⑤		W21-1100	0	⑲		SPECIAL	2
⑥		R11-2	2	⑳		SPECIAL	3
⑦		R11-3	2	㉑		SPECIAL	0
⑧		R11-4	6	㉒		SPECIAL	0
⑨		R11-3	0	㉓		M3-2	20
⑩		M4-10R	2	㉔		M3-4	24
⑪		M4-10L	2				
⑫		M4-9	28				
⑬		M4-9R	3				
⑭		M4-9R	3				

- ALL SIGNING SHALL BE ACCORDING TO THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES" ADOPTED 2010, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE CONTRACT SPECIAL PROVISIONS - ARTICLE 108.03 PROSECUTION OF THE WORK & TRAFFIC CONTROL AND PROTECTION.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
- IF DEEMED NECESSARY BY THE ENGINEER A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
- THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK.
- IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED ACCORDING TO THE DETOUR PLAN AND INSPECTED & APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM/HER ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAY'S AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
- THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL, INCLUDING ALL ADDITIONAL SIGNAGE AND/OR DEVICES, THAT ARE DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
- ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR CALENDAR DAYS.
- ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
- THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
- WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
- ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED EIGHT FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
- THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
- THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
- DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
- THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK:

STANDARD 701901
- THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO HOURS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

The design fill height for this box is 0.32 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

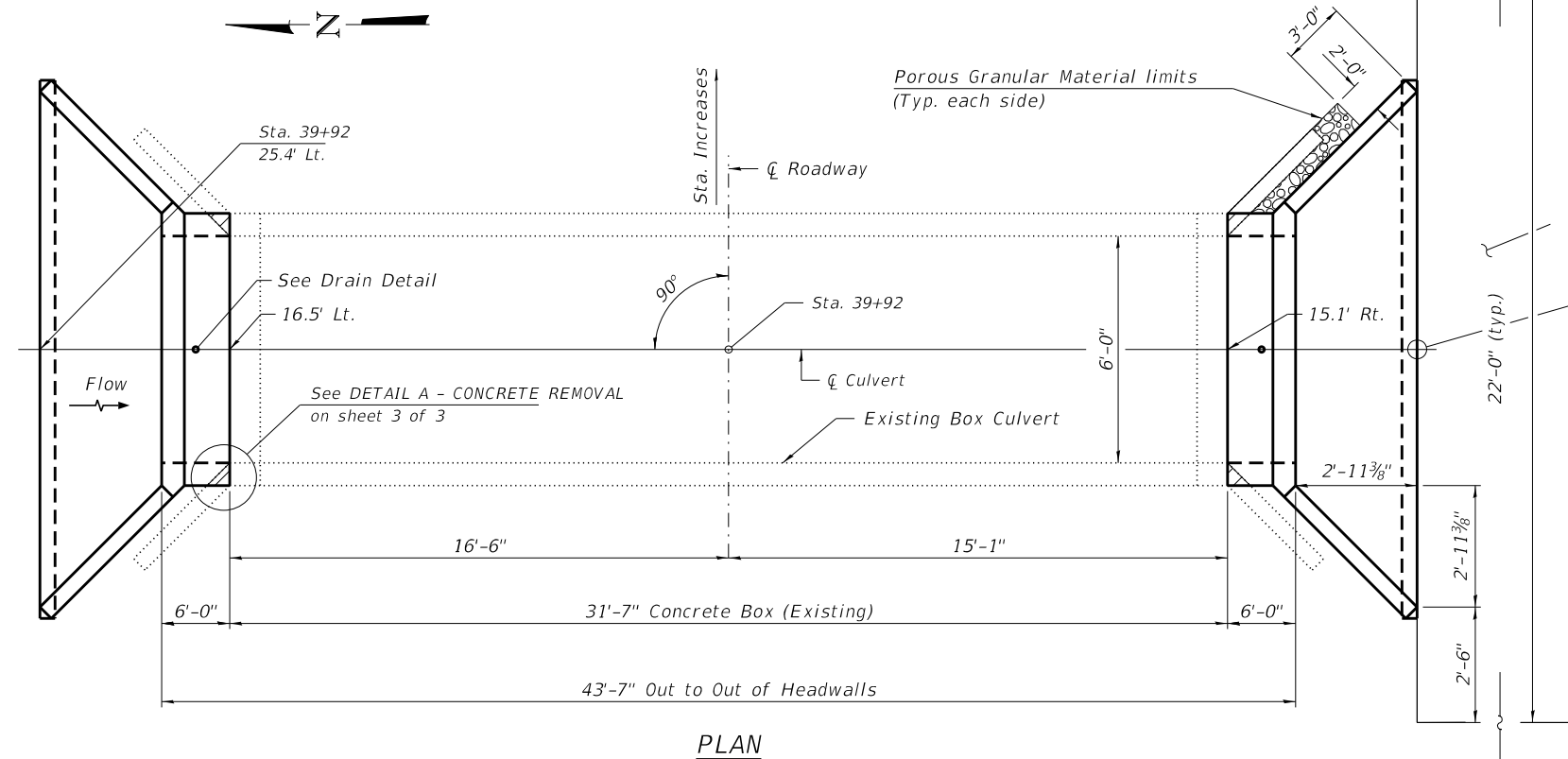
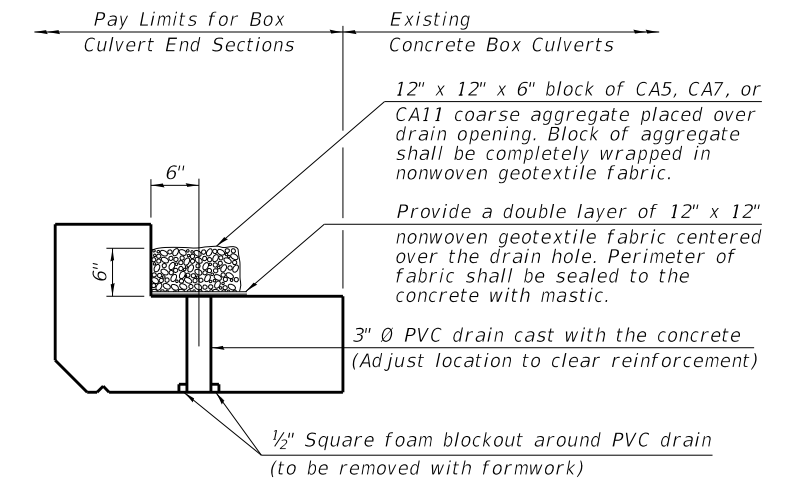
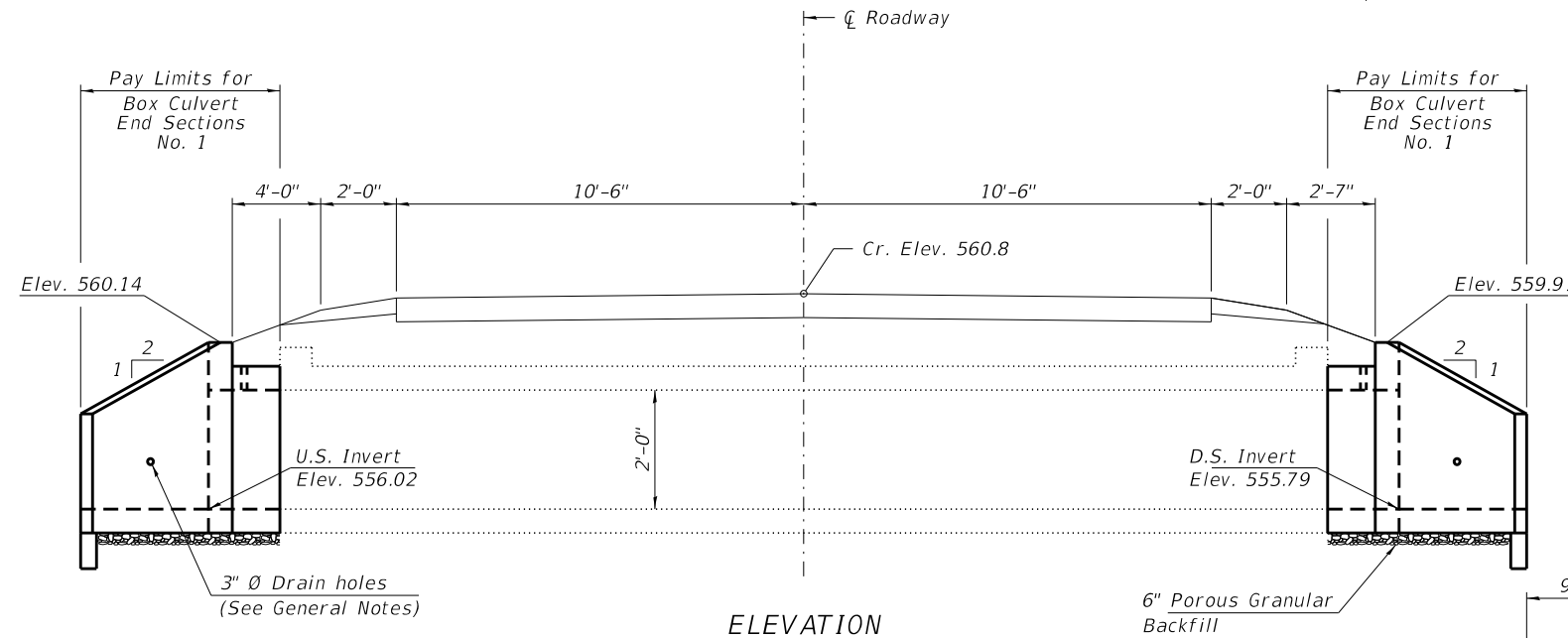
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Concrete Removal (Special) shall include areas shown in the detail of sheet 1 of 3, the existing headwalls, concrete apron, and silt at the downstream outlet that as needed to construct the proposed culvert.

The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfill process.

Stone Riprap shall be installed according to thickness defined in article 281.04 or Std. Specs. Bedding is required.



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	7
Stone Riprap, Class A3	Sq. Yd.	44
Concrete Removal (Special)	L. Sum	1
Box Culvert End Sections, Culvert No. 1	Each	2
Membrane Waterproofing System for Buried Structure	Sq Yd	14
Expansion Bolt 3/4 Inch	Each	14

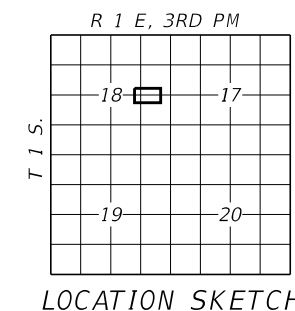
GENERAL PLAN AND ELEVATION

SEC. 17-00217-00-RS

F.A.S 819 / CH 39 / E. DIX-IRVINGTON RD

JEFFERSON COUNTY

STATION 39+92



WATERWAY INFORMATION

Drainage Area = 281.6 acres					
Freq. Yr.	Freq. Yr.	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth
20	100	11.1	560.6	558.3	3.6
113	171				

= Concrete Removal, Special

SCB-GPE

7-23-2021

FILE NAME = 210097 Culvert STA 39+92.dgn	USER NAME = lsmth	DESIGNED - J.R.B.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.009959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 4/14/2022	DRAWN - T.D.S.	REVISED -
		CHECKED - S.W.M.	REVISED -

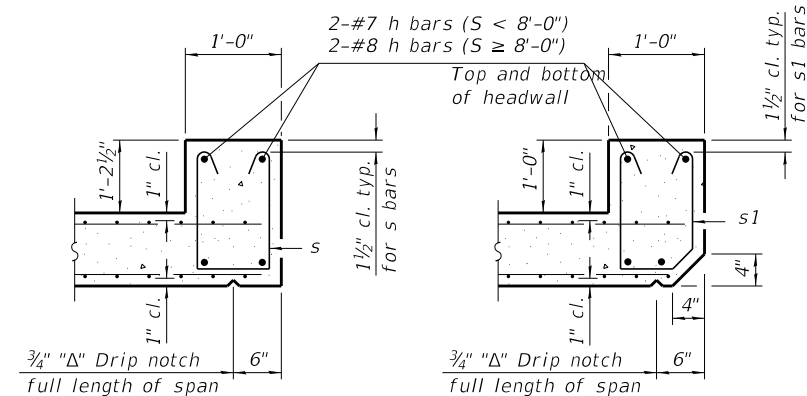
STATE OF ILLINOIS
JEFFERSON COUNTY HIGHWAY DEPARTMENT

GENERAL PLAN & ELEVATION
STATION 39+92

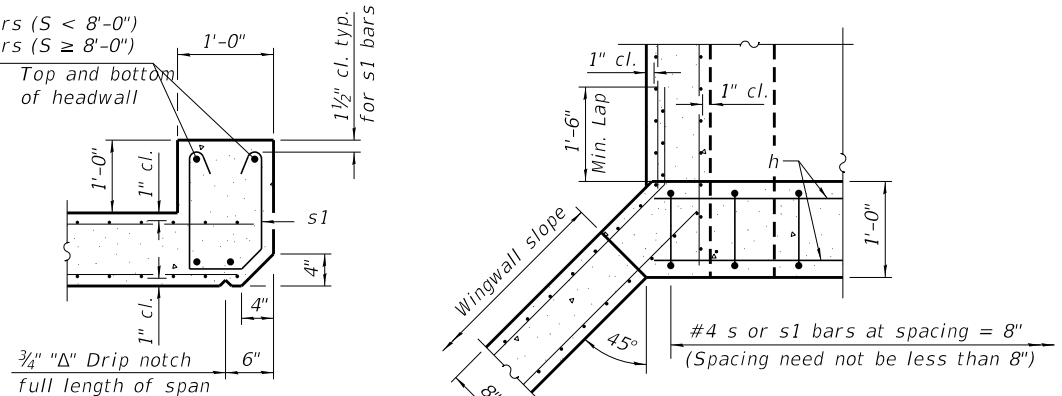
SHEET NO. 1 OF 3 SHEETS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	61
DIX-IRVINGTON ROAD / C.H. 39			CONTRACT NO. 99692	

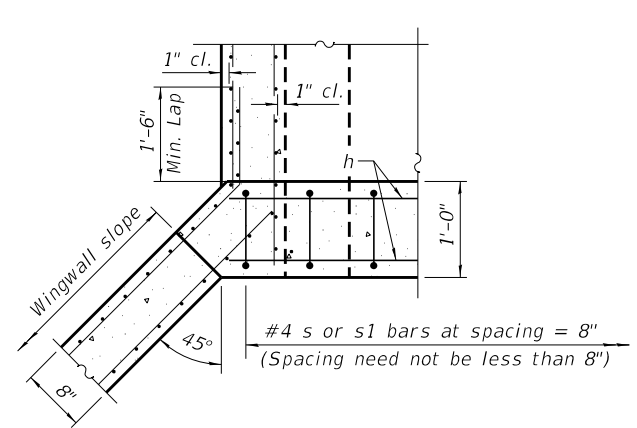
ILLINOIS | FED. AID PROJECT A14M(523)



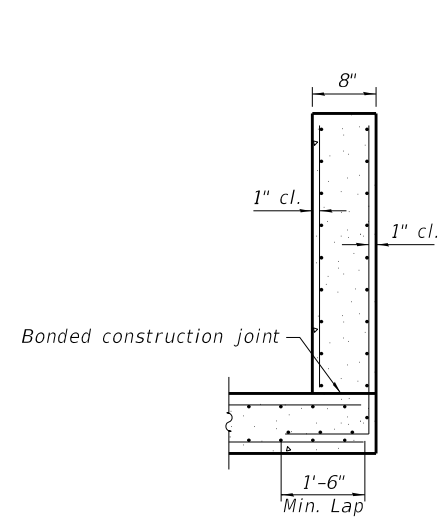
SECTION B-B
(Top slab at downstream end)



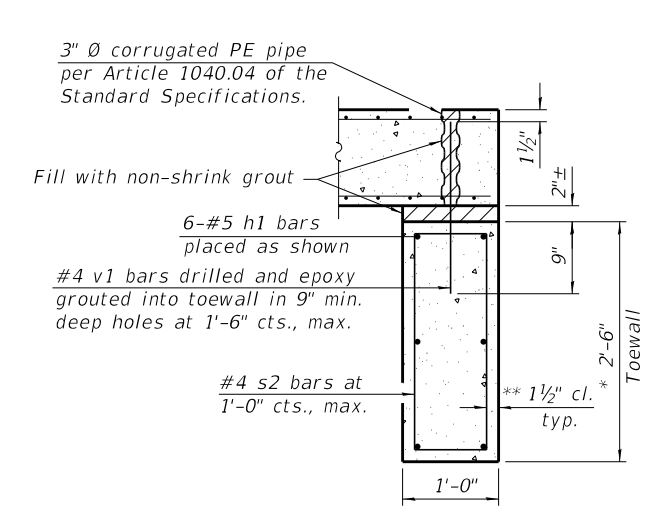
SECTION B-B
(Top slab at upstream end)



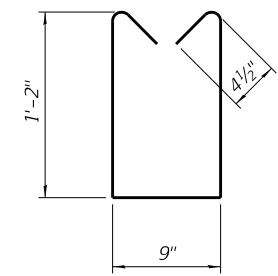
SECTION E-E



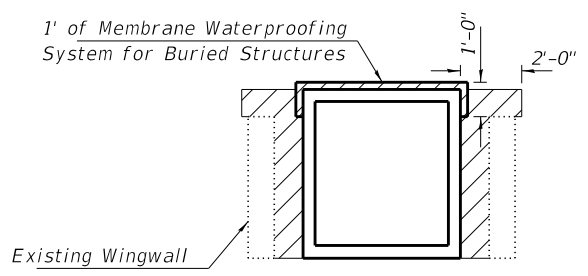
SECTION C-C



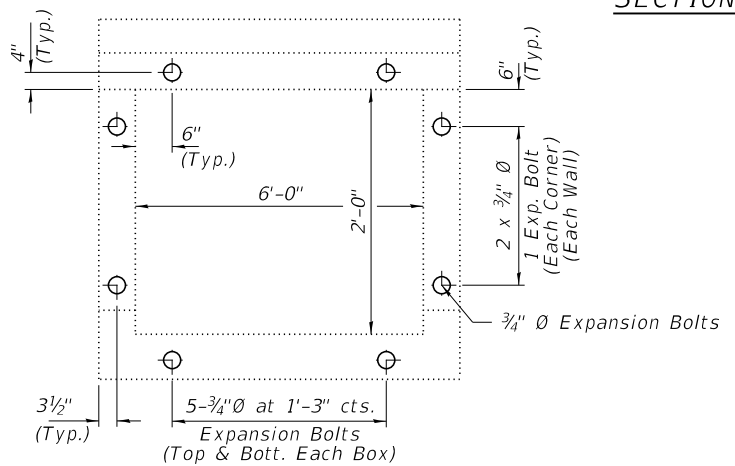
SECTION D-D



BAR s

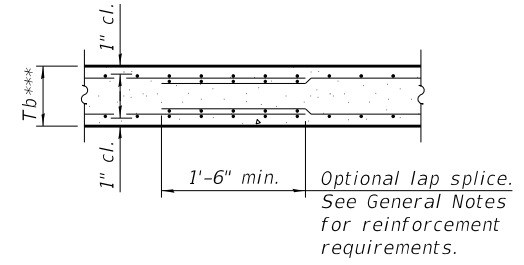


PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



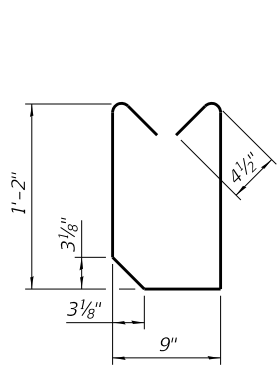
EXPANSION BOLT LOCATIONS
Expansion Bolts Required for Culvert Extensions

Notes: Expansion Bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete and existing box culvert. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.

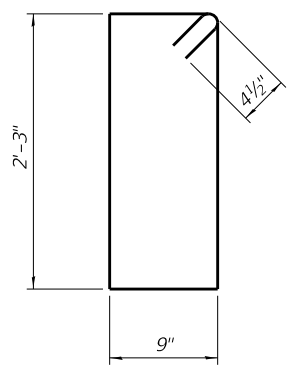


SECTION B-B
(Bottom Slab)

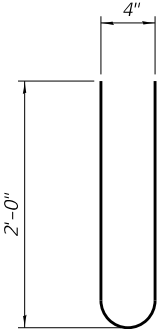
*** This dimension shall be increased by 2" for CIP construction.



BAR s1

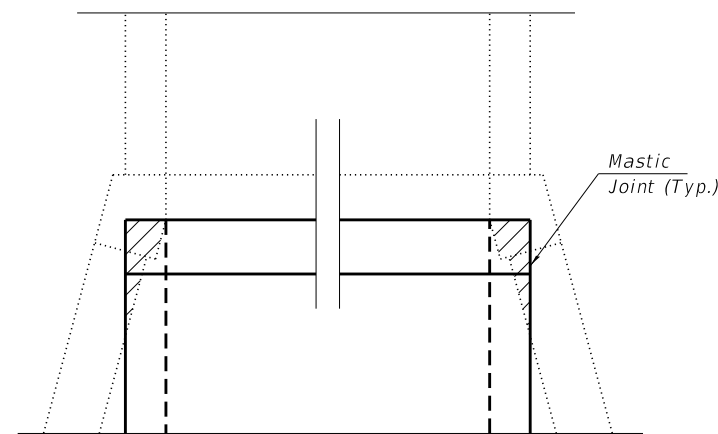


BAR s2



BAR s3

= Concrete Removal, Special



DETAIL A - CONCRETE REMOVAL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

FILE NAME = 210097 Culvert STA 39+92.dgn	USER NAME = lsm1th	DESIGNED - J.R.B.	REVISIONS -	STATE OF ILLINOIS JEFFERSON COUNTY HIGHWAY DEPARTMENT	PRECAST CONCRETE BOX CULVERT APRON END STATION 39+92	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORP. 184.009959	PLOT SCALE =	CHECKED - S.W.M.	REVISIONS -			819	17-00217-00-RS	JEFFERSON	182	63
	PLOT DATE = 4/7/2022	DRAWN - T.D.S.	REVISIONS -			DIX-IRVINGTON ROAD / C.H. 39		CONTRACT NO. 99692		
		CHECKED - S.W.M.	REVISIONS -			SHEET NO. 3 OF 3 SHEETS		ILLINOIS FED. AID PROJECT A14M(523)		

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

The design fill height for this box is 0.32 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

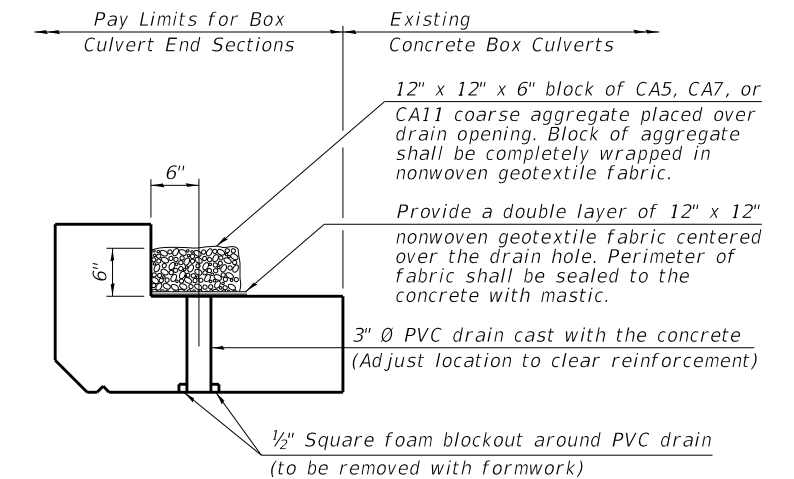
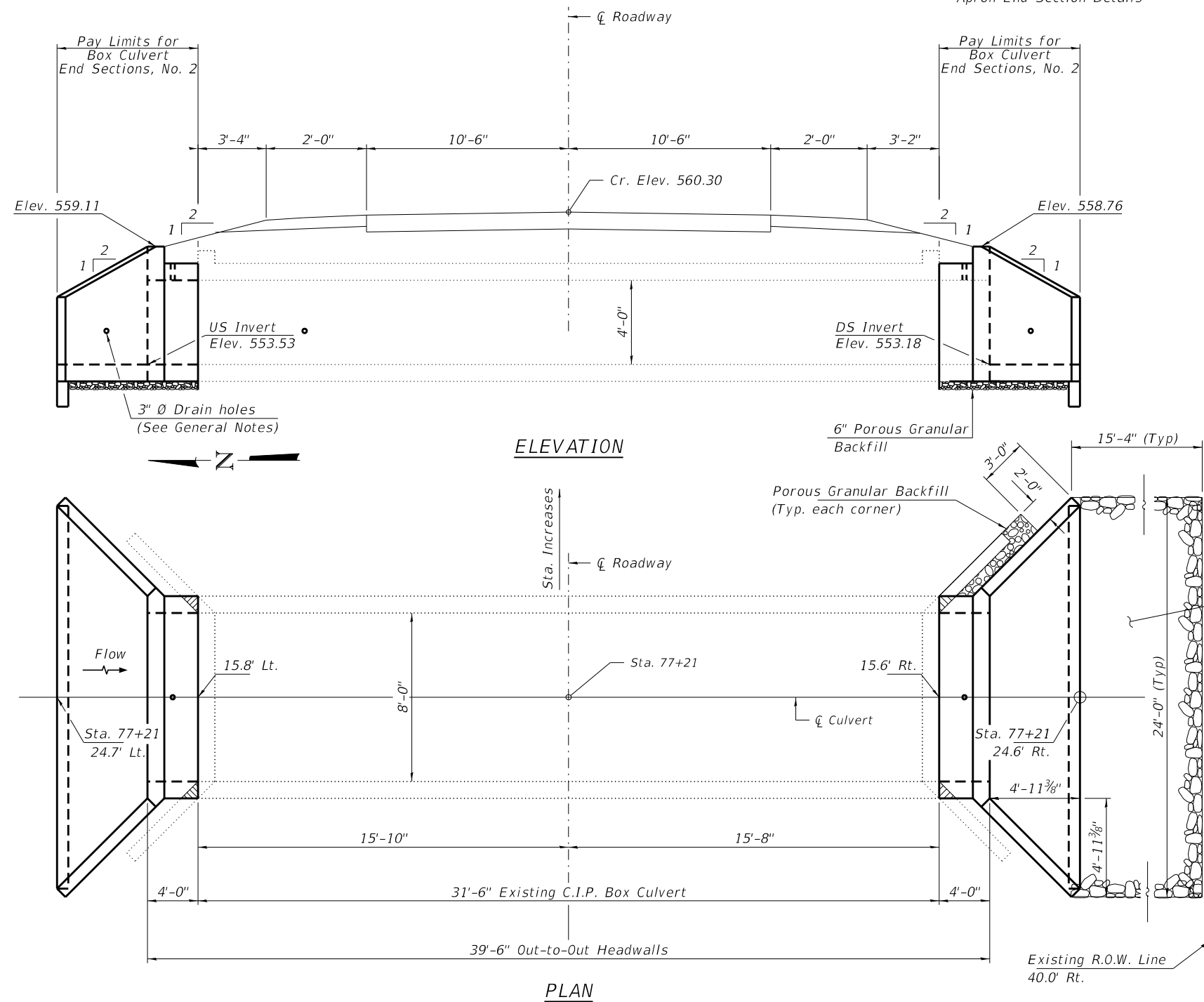
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Concrete Removal (Special) shall include areas shown in the detail of sheet 1 of 3, the existing headwalls, concrete apron, and silt at the downstream outlet that as needed to construct the proposed culvert.

The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfill process.

Stone Riprap shall be installed according to thickness defined in article 281.04 or Std. Specs. Bedding is required.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

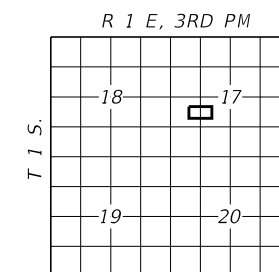
DESIGN STRESSES

PRECAST UNITS

$f'c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	15
Stone Riprap, Class A4	Sq. Yd.	85
Box Culvert End Sections, Culvert No. 2	Each	2
Membrane Waterproofing System for Buried Structures	Sq. Yd.	13
Concrete Removal (Special)	L. Sum	1
Expansion Bolt 3/4 Inch	Each	18



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
SEC. 17-00217-00-RS
F.A.S. 819 / C.H. 39 / DIX-IRVINGTON RD
JEFFERSON COUNTY
STATION 77+21

WATERWAY INFORMATION

211.2		Low Grade Elev. = 560.2			
Freq. Yr.	Freq. Yr.	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth
20	100	7.2	560.2	558.2	4.4
213	328				

▨ = Concrete Removal (Special)

SCB-GPE

7-23-2021

FILE NAME = 210097 Culvert STA 77+21.dgn	USER NAME = lsm1h	DESIGNED - J.R.B.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORP. 184.009959	PLOT SCALE =	CHECKED - S.M.W.	REVISED -
	PLOT DATE = 4/14/2022	DRAWN - T.D.S.	REVISED -
		CHECKED - S.M.W.	REVISED -

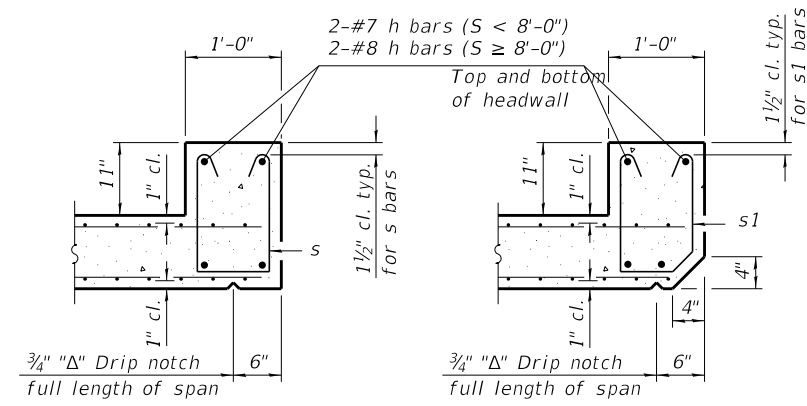
STATE OF ILLINOIS
JEFFERSON COUNTY HIGHWAY DEPARTMENT

GENERAL PLAN ELEVATION
STATION 77+21

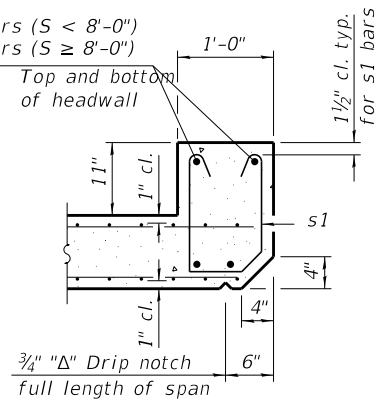
SHEET NO. 1 OF 3 SHEETS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	64
DIX-IRVINGTON ROAD / C.H. 39			CONTRACT NO. 99692	

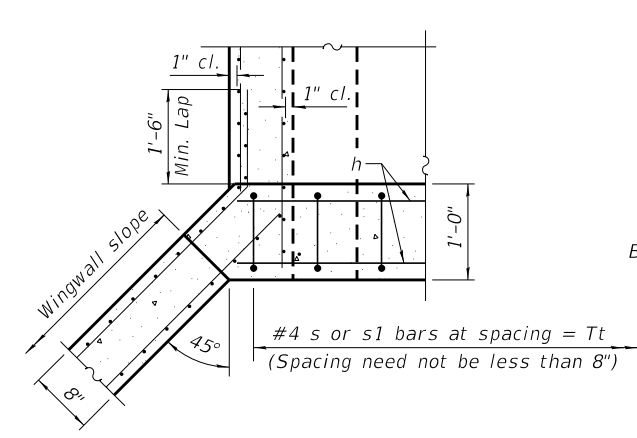
ILLINOIS | FED. AID PROJECT A14M(523)



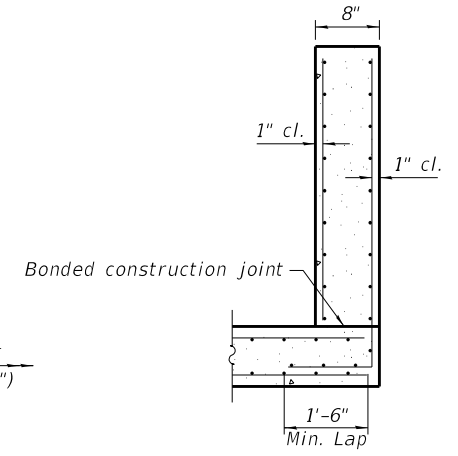
SECTION B-B
(Top slab at downstream end)



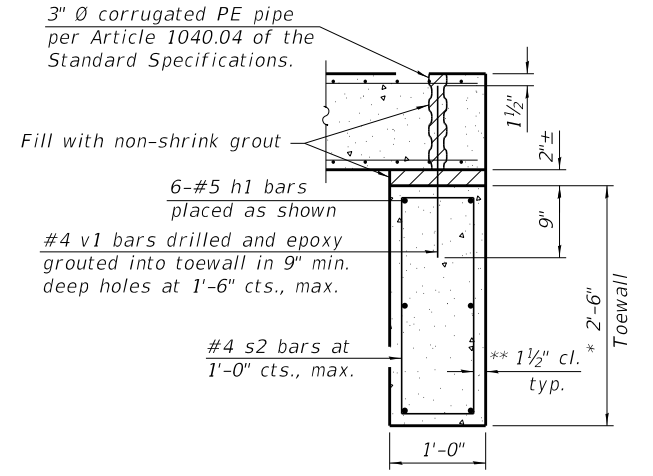
SECTION B-B
(Top slab at upstream end)



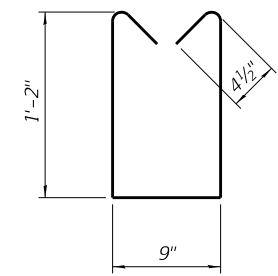
SECTION E-E



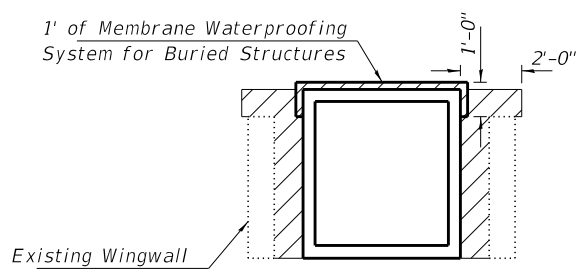
SECTION C-C



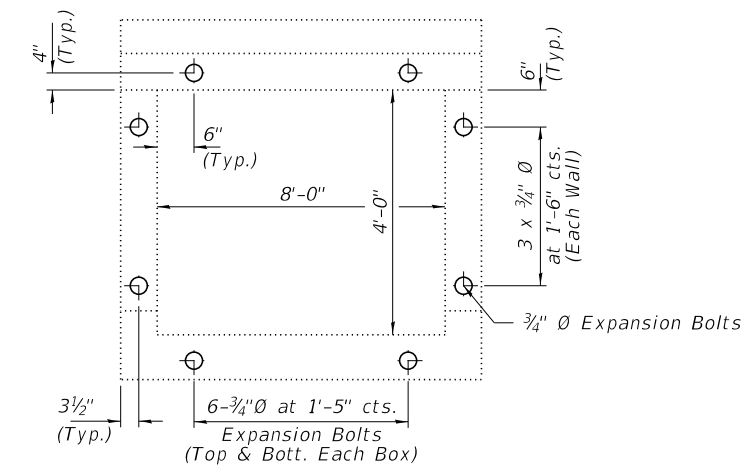
SECTION D-D



BAR s

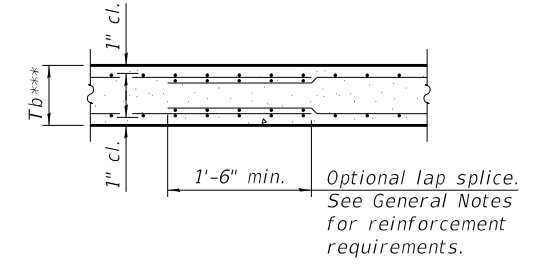


PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



EXPANSION BOLT LOCATIONS
Expansion Bolts Required for Culvert Extensions

Notes: Expansion Bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete and existing box culvert. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.



SECTION B-B
(Bottom Slab)

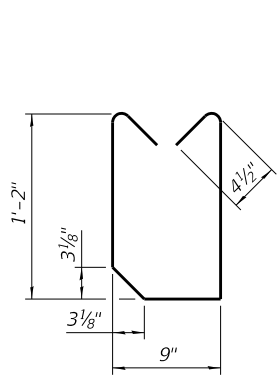
*** This dimension shall be increased by 2" for CIP construction.

TOEWALL CONSTRUCTION SEQUENCE

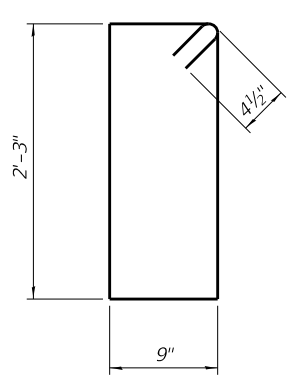
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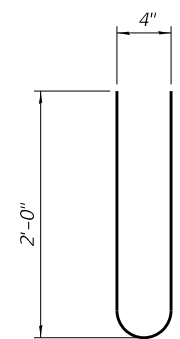
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BAR s1

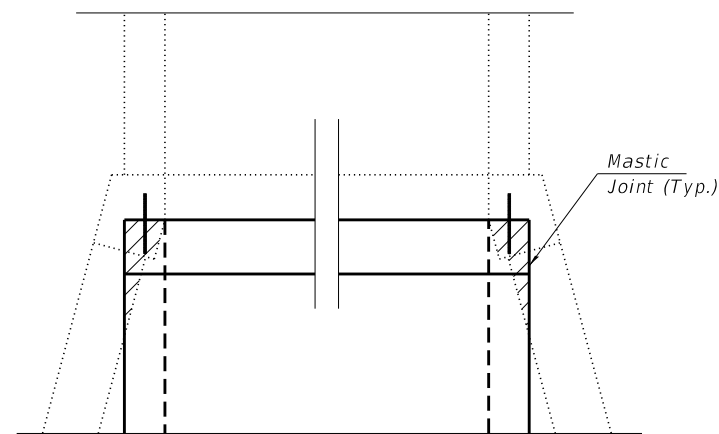


BAR s2



BAR s3

= Concrete Removal, Special



DETAIL A - CONCRETE REMOVAL

SCB-AES 2-17-2017

(Sheet 2 of 2)

FILE NAME = 210097 Culvert STA 77+21.dgn	USER NAME = lsm1h	DESIGNED - J.R.B.	REVISIONS -	STATE OF ILLINOIS JEFFERSON COUNTY HIGHWAY DEPARTMENT	PRECAST CONCRETE BOX CULVERT APRON END STATION 77+21	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.009959	PLOT SCALE =	CHECKED - S.M.W.	REVISIONS -			819	17-00217-00-RS	JEFFERSON	182	66
	PLOT DATE = 4/14/2022	DRAWN - T.D.S.	REVISIONS -			DIX-IRVINGTON ROAD / C.H. 39		CONTRACT NO. 99692		
		CHECKED - S.M.W.	REVISIONS -			SHEET NO. 3 OF 3 SHEETS		ILLINOIS FED. AID PROJECT A14M(523)		

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details

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The design fill height for this box is 0.32 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

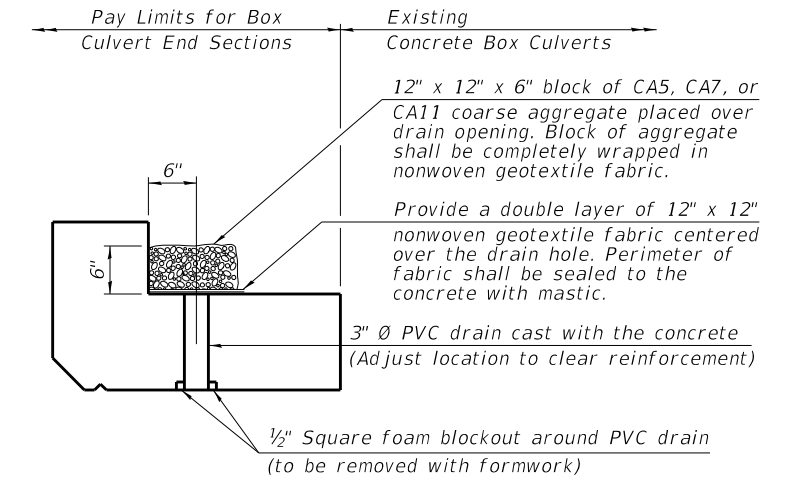
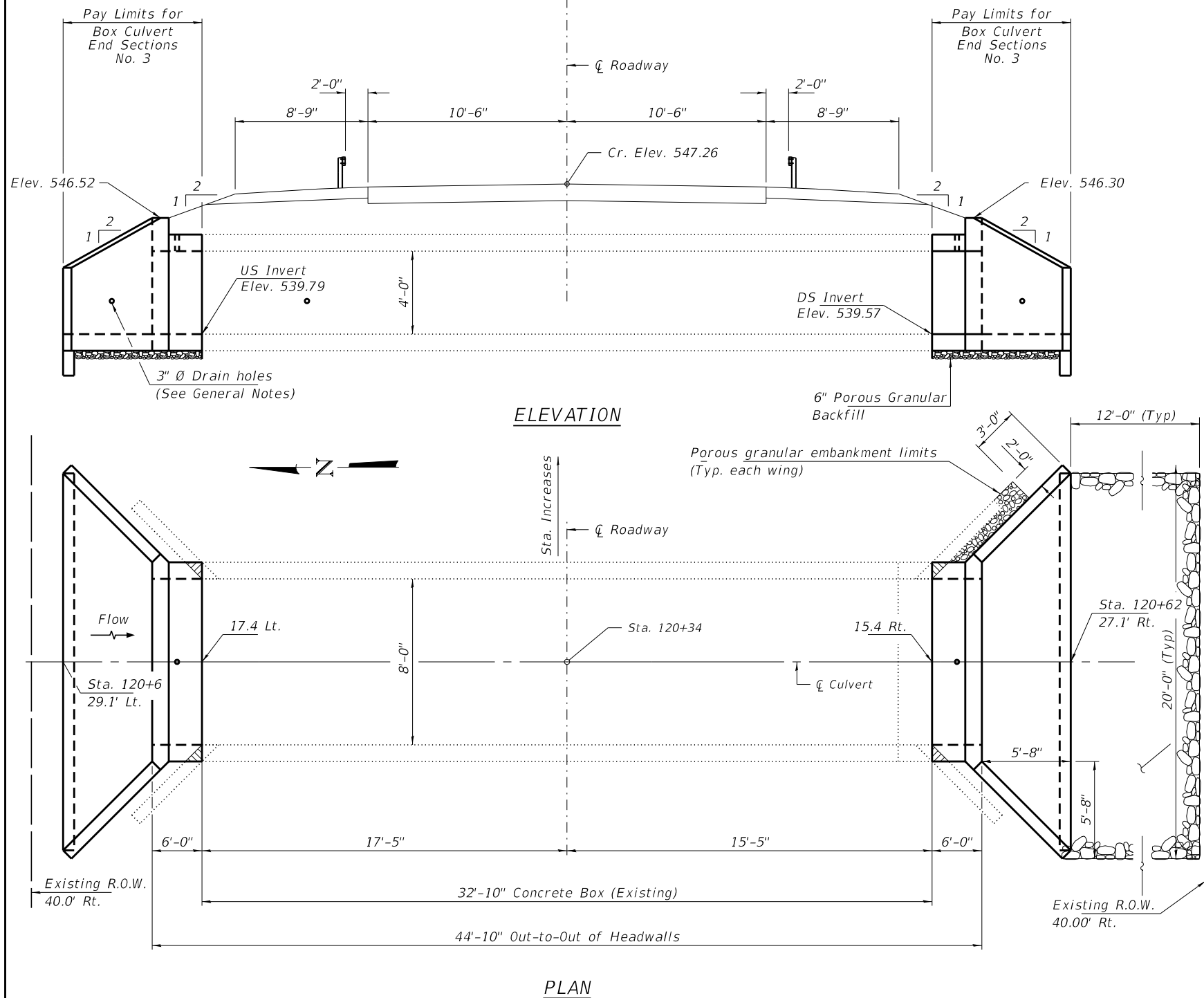
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Concrete Removal (Special) shall include areas shown in the detail of sheet 1 of 3, the existing headwalls, concrete apron, and silt at the downstream outlet that as needed to construct the proposed culvert.

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Stone Riprap shall be installed according to thickness defined in article 281.04 or Std. Specs. Bedding is required.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	23
Stone Riprap, Class A4	Sq. Yd.	55
Box Culvert End Sections, Culvert No. 3	Each	2
Membrane Waterproofing System for Buried Structures	Sq. Yd.	14
Concrete Removal (Special)	L. Sum	1
Expansion Bolts 3/4 Inch	Each	18

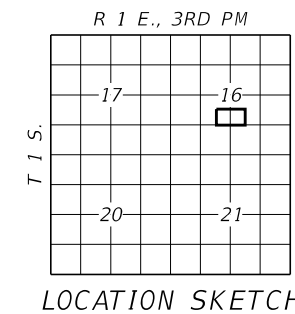
GENERAL PLAN AND ELEVATION

SECTION 17-00217-00-RS

F.A.S 819 / C.H. 39 / DIX-IRVINGTON RD

JEFFERSON COUNTY

STATION 120+34



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area = 281.6 acres Low Grade Elev. = 560.6					
Freq. Yr.	Freq. Yr.	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth
20	100	11.1	547.0	544.9	5.1
253	395				

SCB-GPE

7-23-2021

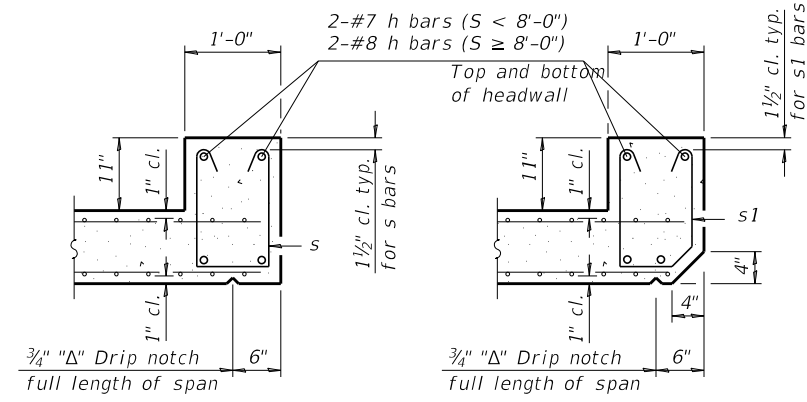
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HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORP. 184.009959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 4/14/2022	DRAWN - T.D.S.	REVISED -
		CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
JEFFERSON COUNTY HIGHWAY DEPARTMENT

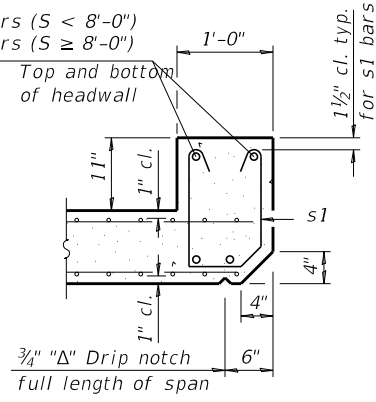
GENERAL PLAN & ELEVATION
STATION 120+34

SHEET NO. 1 OF 3 SHEETS

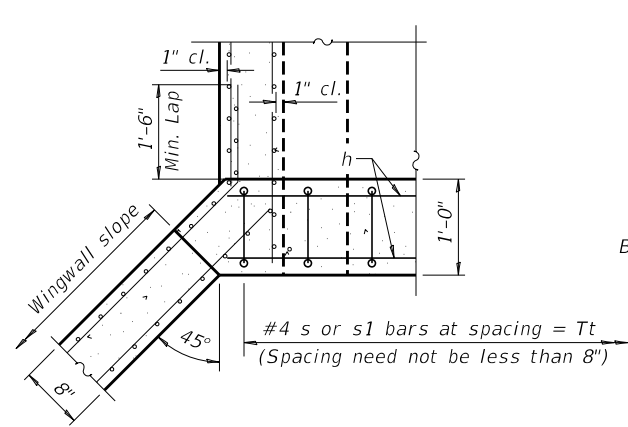
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	67
DIX-IRVINGTON ROAD / C.H. 39			CONTRACT NO. 99692	
ILLINOIS FED. AID PROJECT A14M(523)				



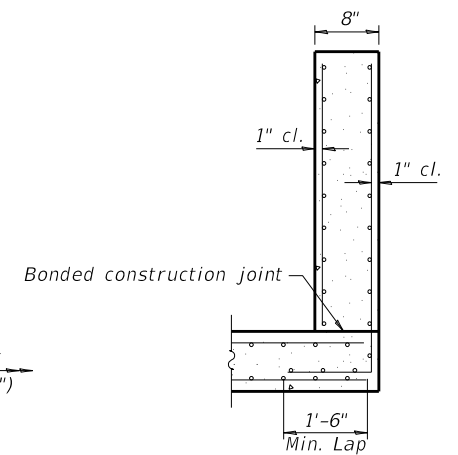
SECTION B-B
(Top slab at downstream end)



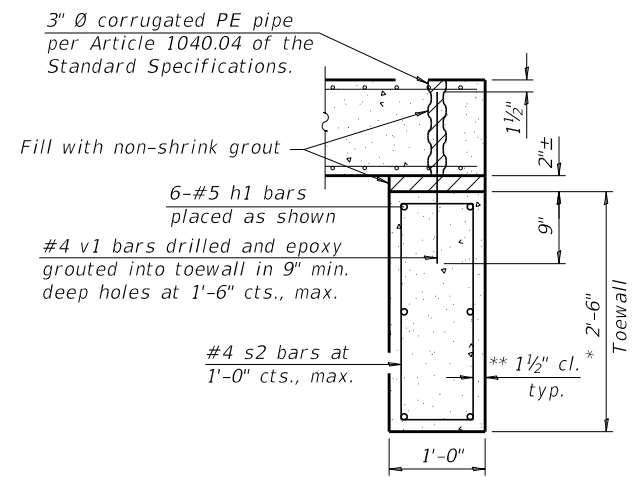
SECTION B-B
(Top slab at upstream end)



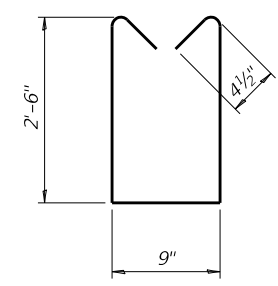
SECTION E-E



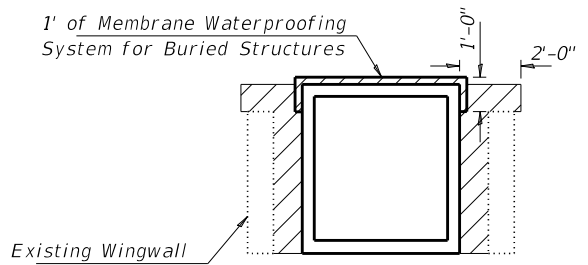
SECTION C-C



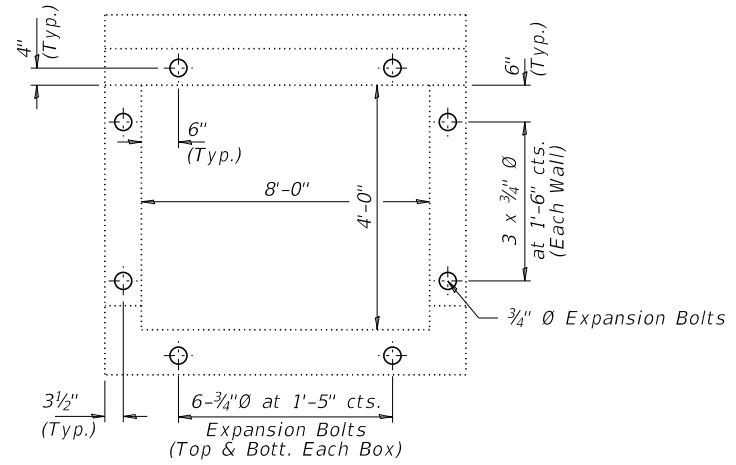
SECTION D-D



BAR s

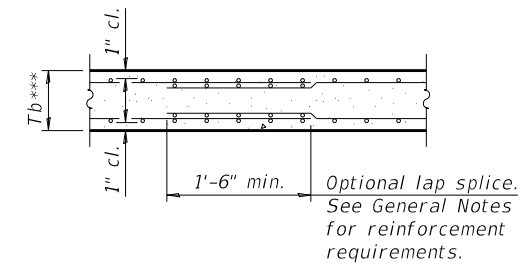


PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



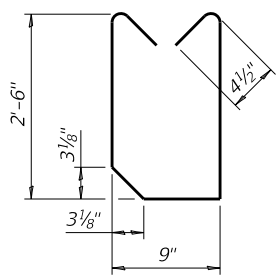
EXPANSION BOLT LOCATIONS
Expansion Bolts Required for Culvert Extensions

Notes: Expansion Bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete and existing box culvert. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.

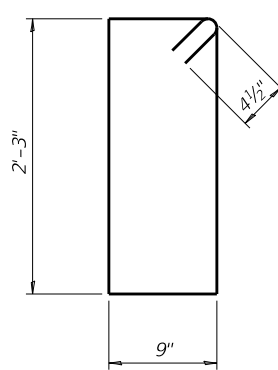


SECTION B-B
(Bottom Slab)

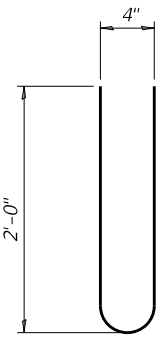
*** This dimension shall be increased by 2" for CIP construction.



BAR s1

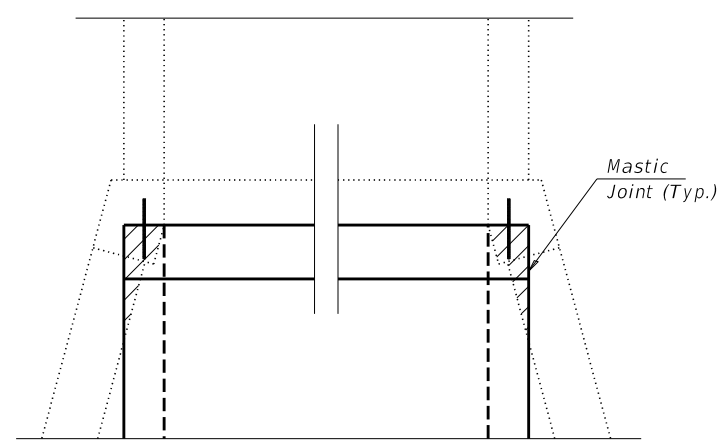


BAR s2



BAR s3

= Concrete Removal, Special



DETAIL A - CONCRETE REMOVAL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

SCB-AES 2-17-2017

(Sheet 2 of 2)

FILE NAME = 210097 Culvert STA 120+34.dgn	USER NAME = lsm1th	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS JEFFERSON COUNTY HIGHWAY DEPARTMENT	PRECAST CONCRETE BOX CULVERT APRON END STATION 120+34	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC.		CHECKED - S.W.M.	REVISED -			819	17-00217-00-RS	JEFFERSON	182	69
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE =	DRAWN - T.D.S.	REVISED -			DIX-IRVINGTON ROAD / C.H. 39		CONTRACT NO. 99692		
	PLOT DATE = 4/14/2022	CHECKED - S.W.M.	REVISED -			SHEET NO. 3 OF 3 SHEETS		ILLINOIS FED. AID PROJECT A14M(523)		

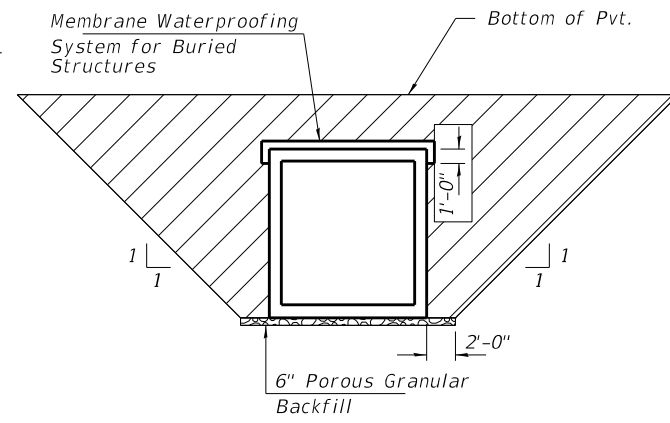
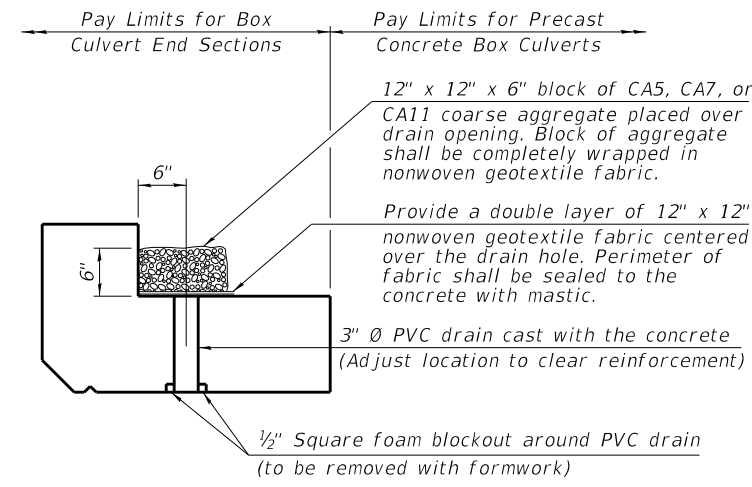
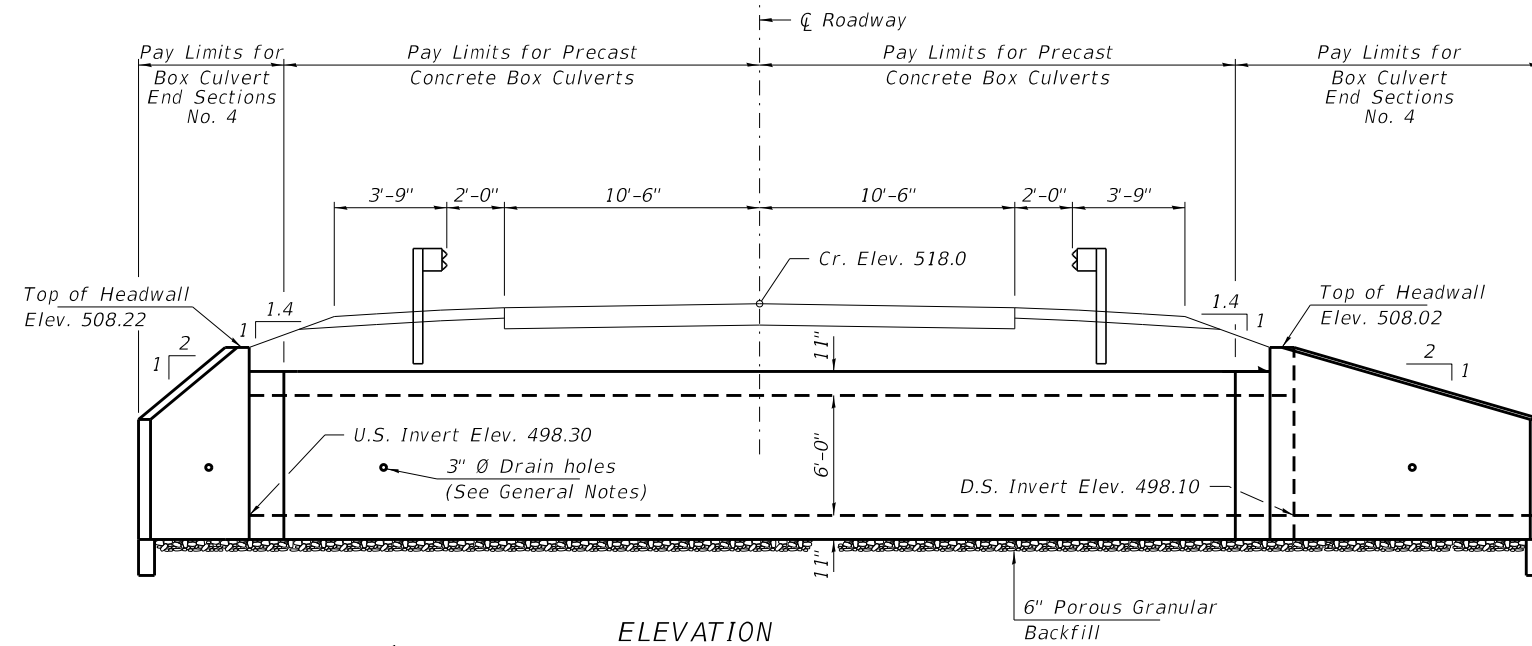
Existing Structure: Single 60" Ø R.C.P. 84' Long

INDEX OF SHEETS

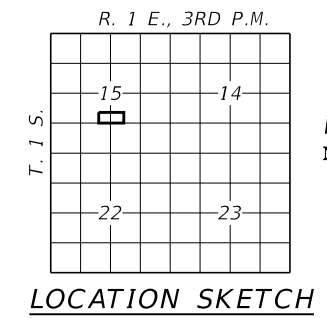
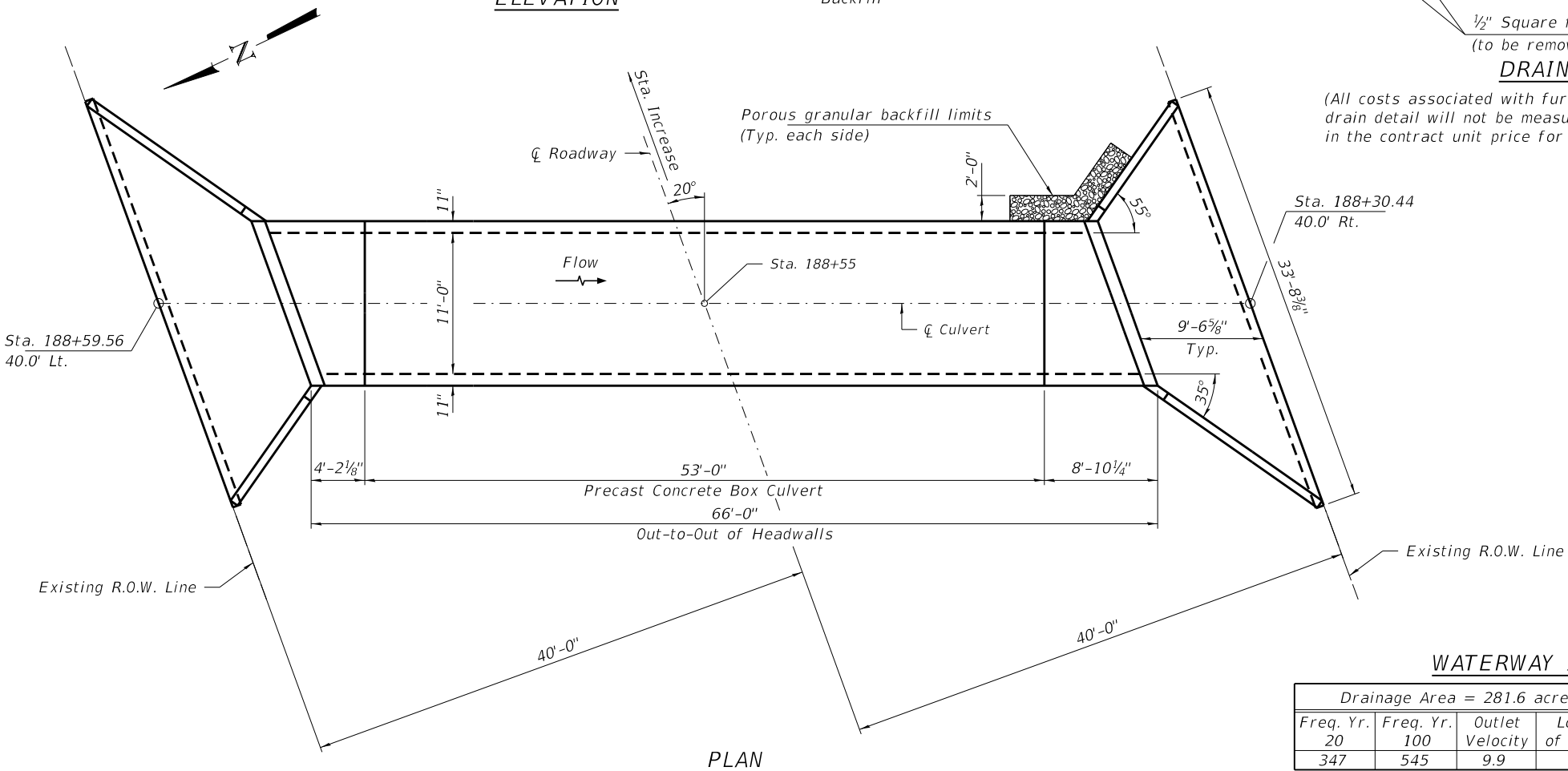
- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details

GENERAL NOTES

The design fill height for this box is 10.4 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
 The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfill process.



(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



WATERWAY INFORMATION

Drainage Area = 281.6 acres						Low Grade Elev. = 560.6
Freq. Yr. 20	Freq. Yr. 100	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth	
347	545	9.9	517.8	503.6	4.9	

DESIGN SPECIFICATIONS
 2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition
LOADING HL-93

DESIGN STRESSES

PRECAST UNITS
 f'c = 5,000 psi
 fy = 65,000 psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	837
Pipe Culvert Removal	Foot	84
Box Culvert End Sections, Culvert No. 4	Each	2
Precast Concrete Box Culverts, 11'x6'	Foot	53
Membrane Waterproofing System for Buried Structures	Sq. Yd.	218

GENERAL PLAN AND ELEVATION
SECTION 17-00217-00-RS
F.A.S. 819 / C.H. 39 / DIX-IRVINGTON RD.
JEFFERSON COUNTY
STATION 188+55

SCB-GPE 7-23-2021

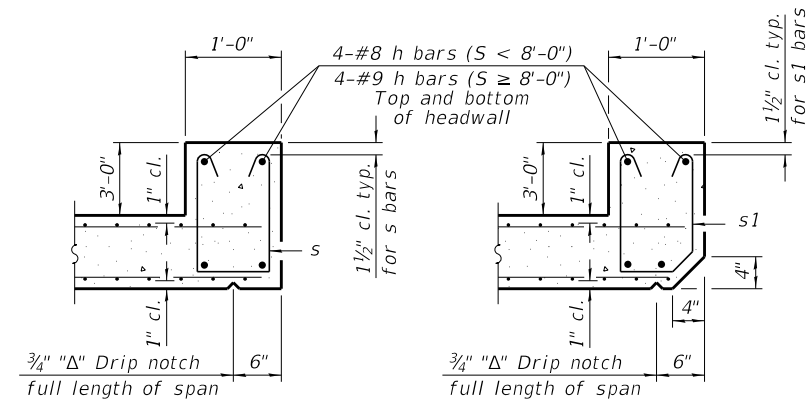
FILE NAME = 210097 Culvert STA 188+31.dgn	USER NAME = lsm1th	DESIGNED - J.R.B.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC.		CHECKED - S.W.M.	REVISED -
3035 STEVENSON DRIVE, SUITE 201		DRAWN - T.D.S.	REVISED -
SPRINGFIELD, ILLINOIS 62703		CHECKED - S.W.M.	REVISED -
ILLINOIS PROFESSIONAL DESIGN FIRM			
LS / PE / SE CORP. 184.000959			

PLOT SCALE =	PLOT DATE = 4/7/2022
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STATE OF ILLINOIS
JEFFERSON COUNTY HIGHWAY DEPARTMENT

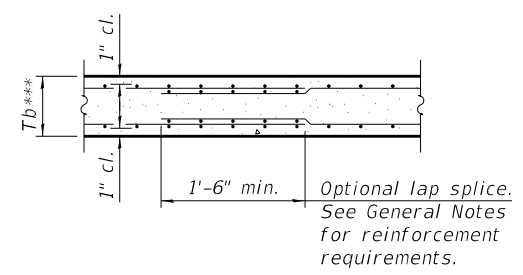
GENERAL PLAN & ELEVATION
STATION 188+55
 SHEET NO. 1 OF 3 SHEETS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DIX-IRVINGTON ROAD / C.H. 39		CONTRACT NO. 99692		
ILLINOIS / FED. AID PROJECT				

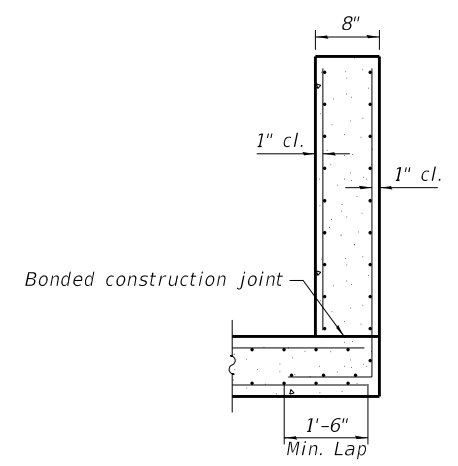


SECTION B-B
(Top slab at downstream end)

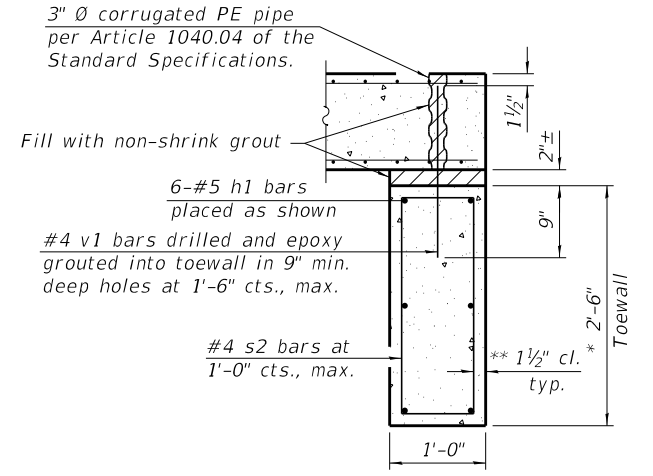
SECTION B-B
(Top slab at upstream end)



SECTION B-B
(Bottom Slab)

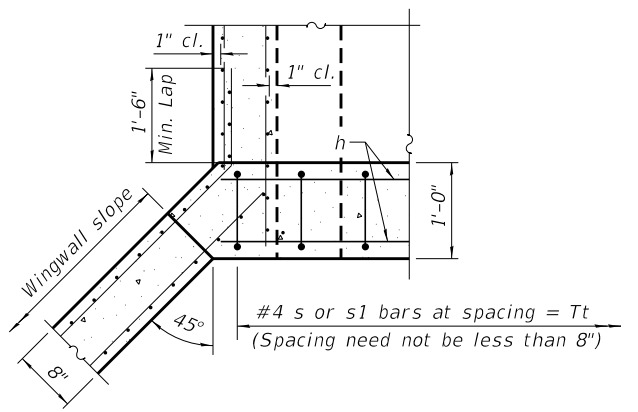


SECTION C-C

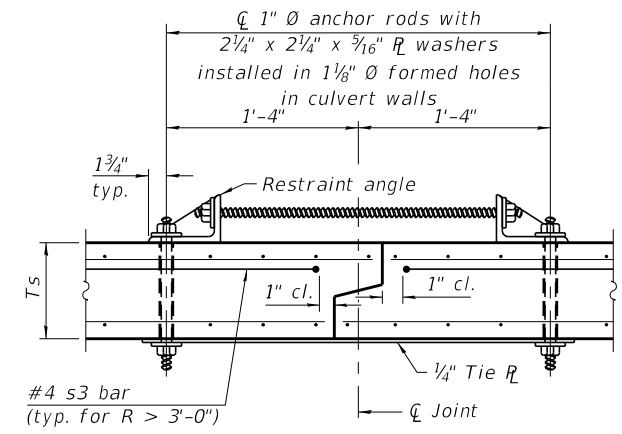


SECTION D-D

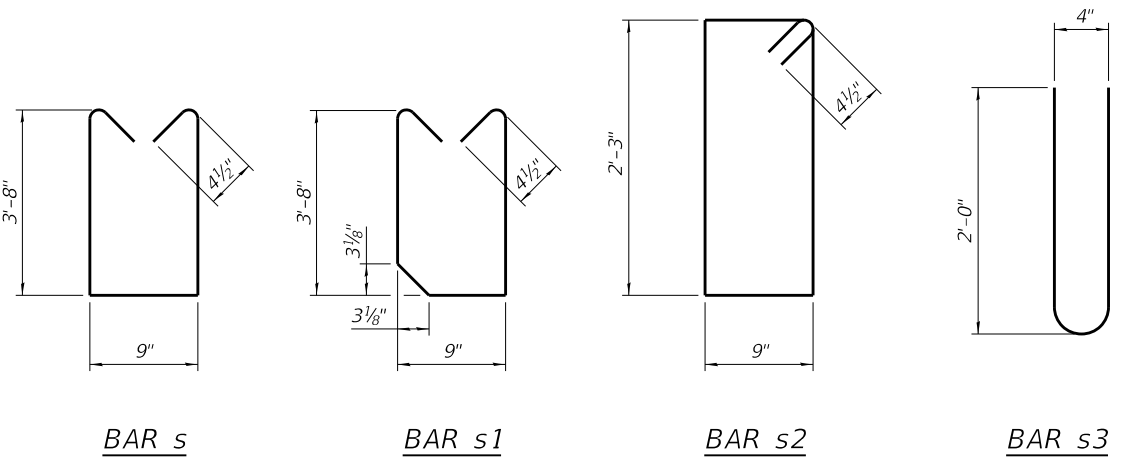
*** This dimension shall be increased by 2" for CIP construction.



SECTION E-E



SECTION F-F
(Showing culvert tie details)

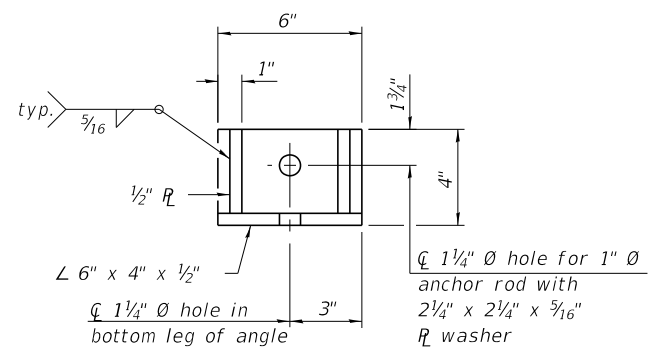


BAR s

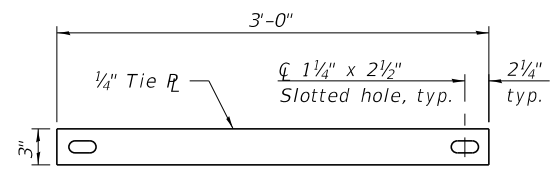
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

(Sheet 2 of 2)

FILE NAME = 210097 Culvert STA 188+31.dgn	USER NAME = lsm1h	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS JEFFERSON COUNTY HIGHWAY DEPARTMENT	PRECAST CONCRETE BOX CULVERT APRON END STATION 188+55	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -			819	17-00217-00-RS	JEFFERSON	182	72
	PLOT DATE = 4/7/2022	DRAWN - T.D.S.	REVISED -			DIX-IRVINGTON ROAD / C.H. 39		CONTRACT NO. 99692		
		CHECKED - S.W.M.	REVISED -			ILLINOIS / FED. AID PROJECT				

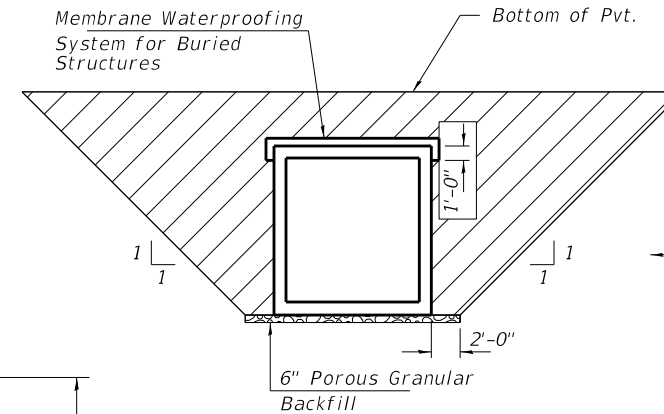
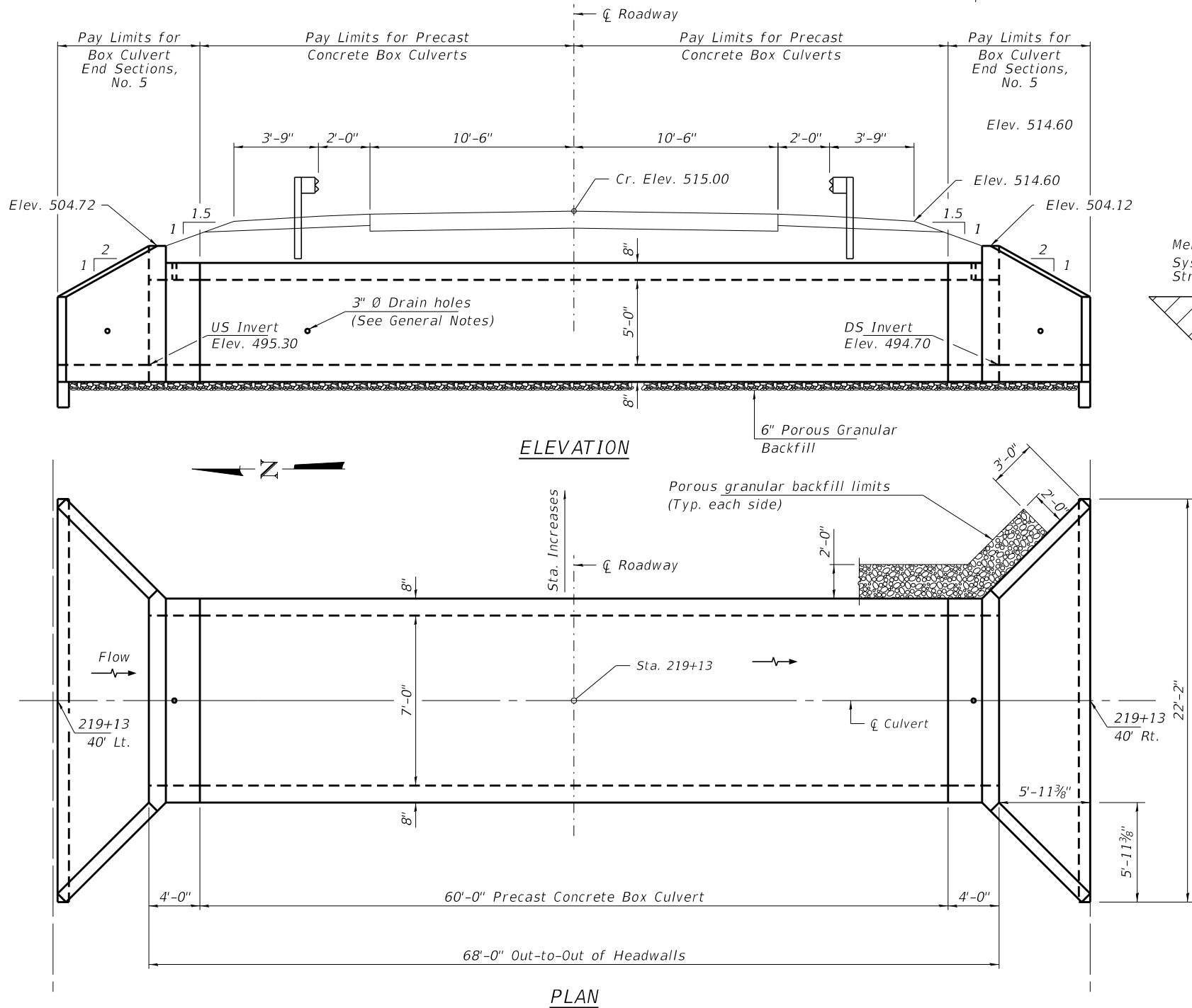
Existing Structure: Single 60' Ø R.C.P. 78' Long

INDEX OF SHEETS

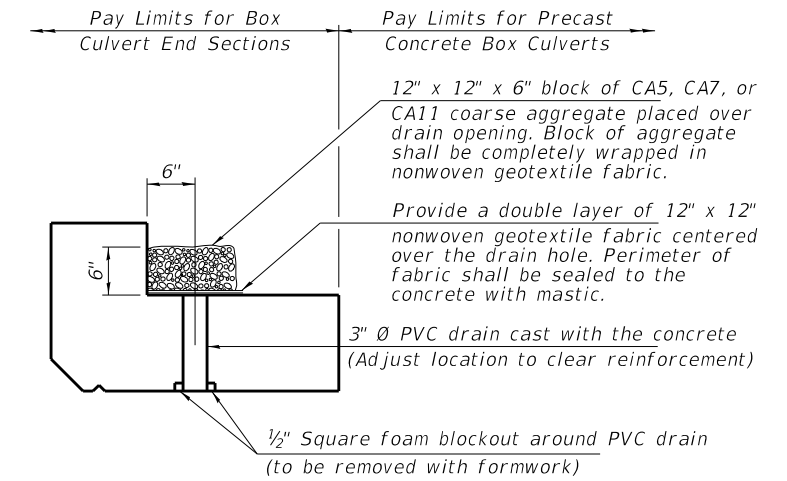
- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

The design fill height for this box is 10.4 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
 The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfill process.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

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DESIGN STRESSES

PRECAST UNITS

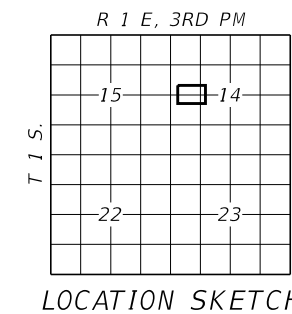
$f'_c = 5,000 \text{ psi}$
 $f_y = 65,000 \text{ psi}$ (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	1256
Box Culvert End Sections, Culvert No. 5	Each	2
Precast Concrete Box Culverts, 7'x5'	Foot	60
Pipe Culvert Removal	Foot	78
Membrane Waterproofing System for Buried Structures	Sq. Yd.	156

WATERWAY INFORMATION

Drainage Area = 281.6 acres Low Grade Elev. = 560.6					
Freq. Yr.	Freq. Yr.	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth
20	100	10.5	514.8	499.2	3.9
137	169				



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
SECTION 17-00217-00-RS
F.A.S 819 / C.H. 13 / DIX-IRVINGTON RD
JEFFERSON COUNTY
STATION 219+13

SCB-GPE

7-23-2021

FILE NAME = 210097 Culvert STA 219+13.dgn	USER NAME = lsmth	DESIGNED - J.R.B.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L5 / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -
PLOT DATE = 4/7/2022		DRAWN - T.D.S.	REVISED -
		CHECKED - S.W.M.	REVISED -

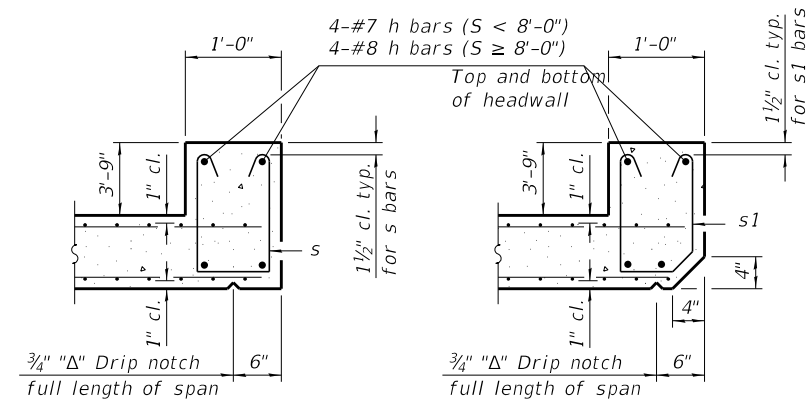
STATE OF ILLINOIS
JEFFERSON COUNTY HIGHWAY DEPARTMENT

GENERAL PLAN & ELEVATION
STATION 219+13

SHEET NO. 1 OF 3 SHEETS

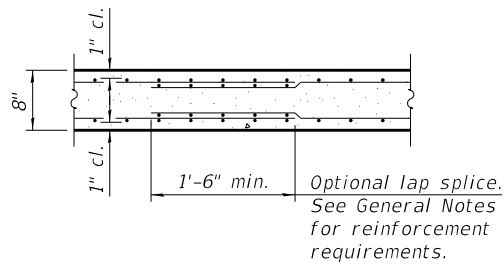
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	73
DIX-IRVINGTON ROAD / C.H. 13			CONTRACT NO. 99692	

ILLINOIS FED. AID PROJECT

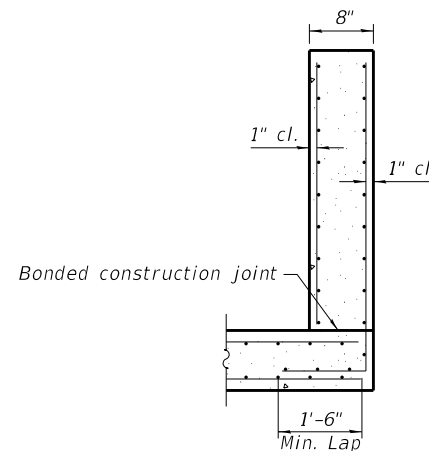


SECTION B-B
(Top slab at downstream end)

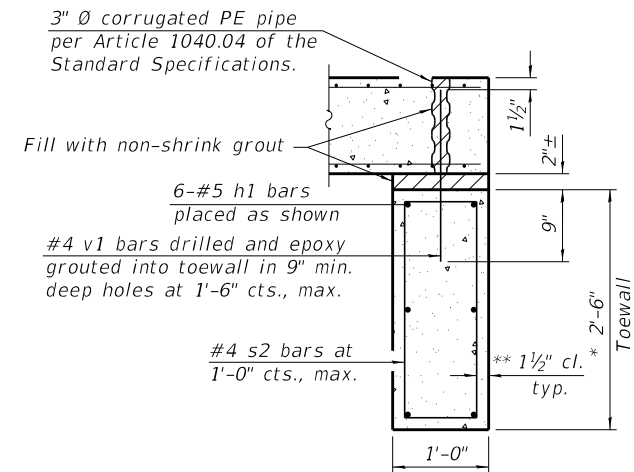
SECTION B-B
(Top slab at upstream end)



SECTION B-B
(Bottom Slab)

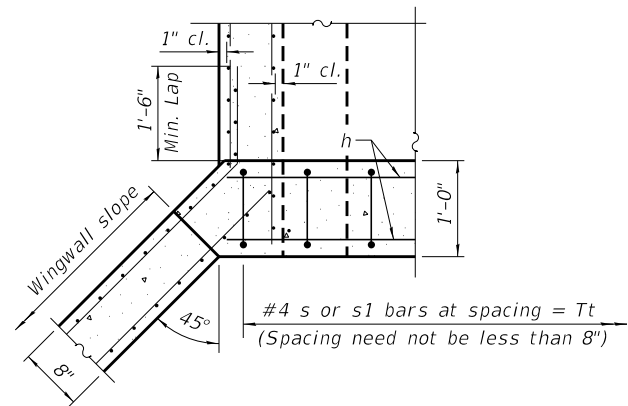


SECTION C-C

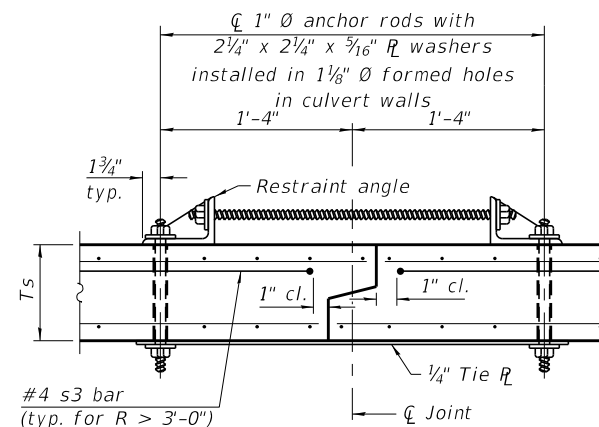


SECTION D-D

*** This dimension shall be increased by 2" for CIP construction.



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

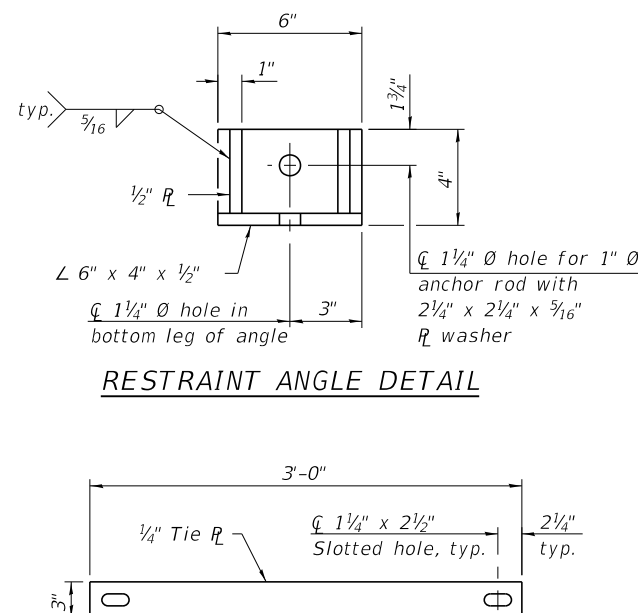
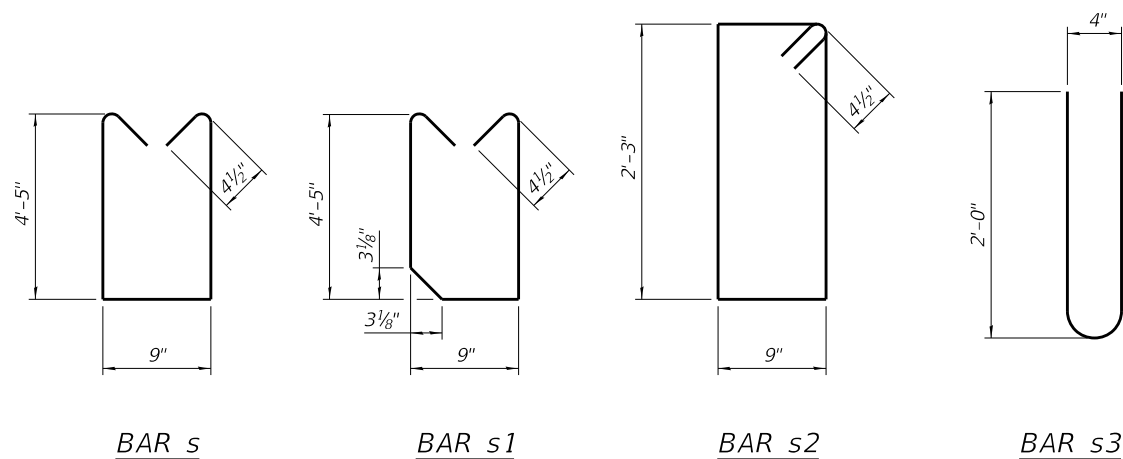
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



SCB-AES

2-17-2017

(Sheet 2 of 2)

FILE NAME = 210097 Culvert STA 219+13.dgn	USER NAME = lsm1h	DESIGNED - J.R.B.	REVISED -	STATE OF ILLINOIS JEFFERSON COUNTY HIGHWAY DEPARTMENT	PRECAST CONCRETE BOX CULVERT APRON END STATION 219+13	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE =	CHECKED - S.W.M.	REVISED -			819	17-00217-00-RS	JEFFERSON	182	75
	PLOT DATE = 4/7/2022	DRAWN - T.D.S.	REVISED -			DIX-IRVINGTON ROAD / C.H. 13		CONTRACT NO. 99692		
		CHECKED - S.W.M.	REVISED -			SHEET NO. 3 OF 3 SHEETS		ILLINOIS FED. AID PROJECT		

Existing Structure: Single R.C.P. 84", 63' Long

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details

GENERAL NOTES

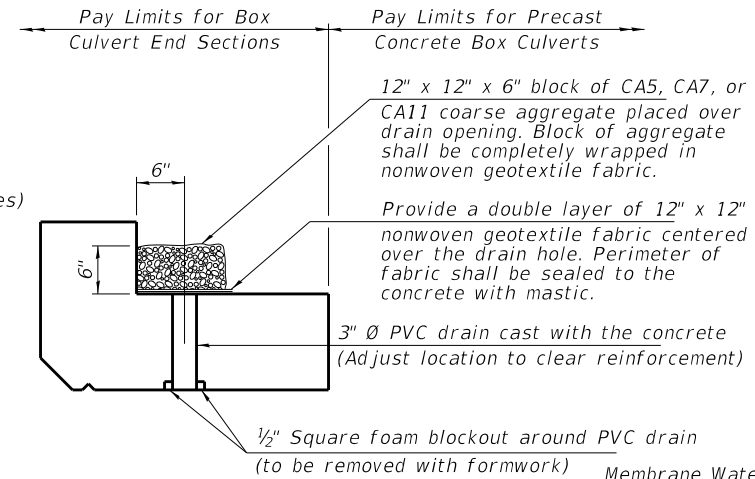
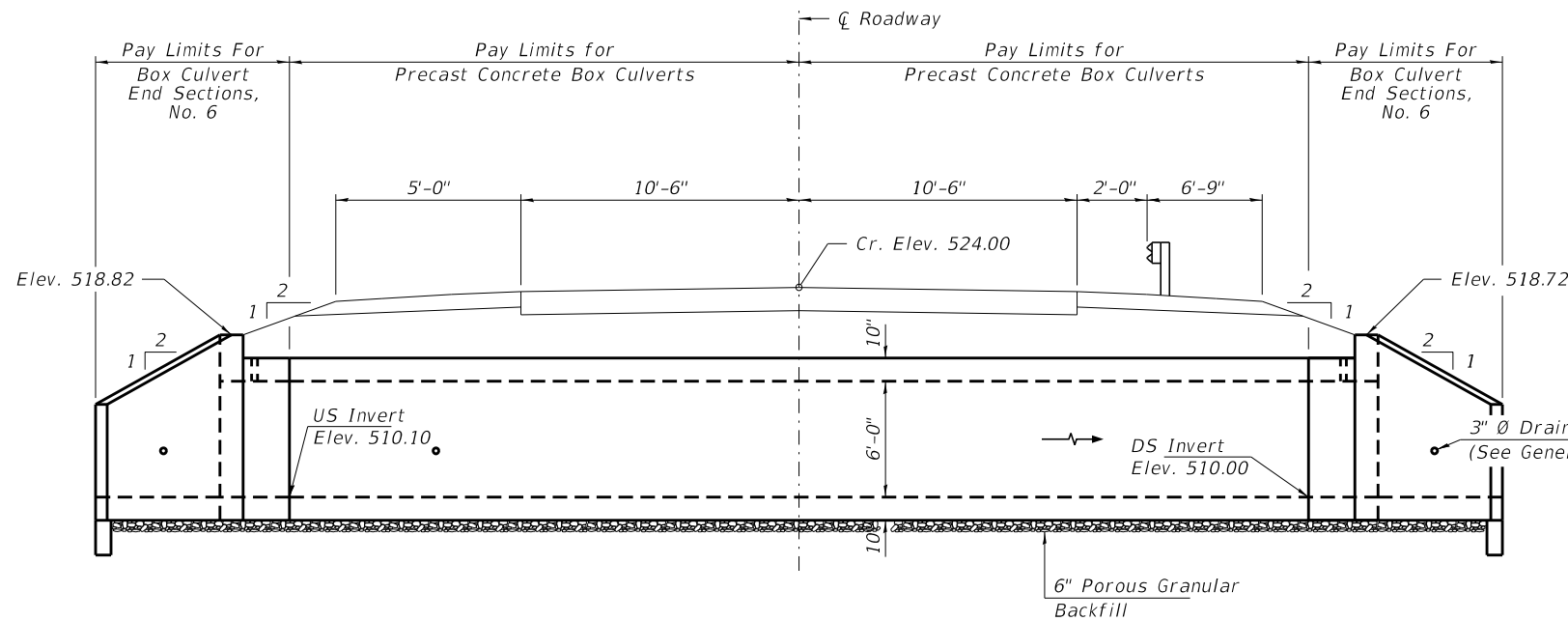
The design fill height for this box is 4.3 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfill process. Stone Riprap shall be installed according to thickness defined in article 281.04 or Std. Specs. Bedding is required.



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

DESIGN SPECIFICATIONS

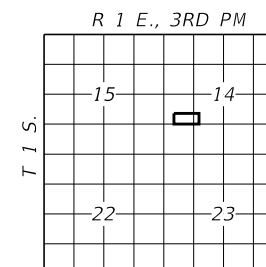
2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

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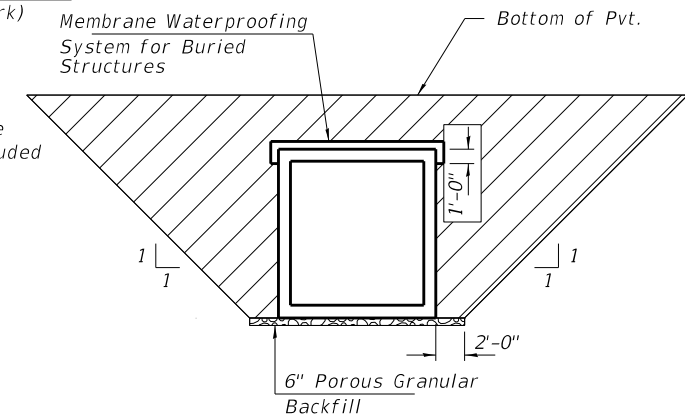
DESIGN STRESSES

PRECAST UNITS

$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)



LOCATION SKETCH



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	512
Stone Riprap, Class A4	Sq. Yd.	129
Pipe Culvert Removal	Foot	63
Box Culvert End Sections, Culvert No. 6	Each	2
Precast Concrete Box Culverts, 10'x6'	Foot	49
Membrane Waterproofing System for Buried Structure	Sq. Yd.	85

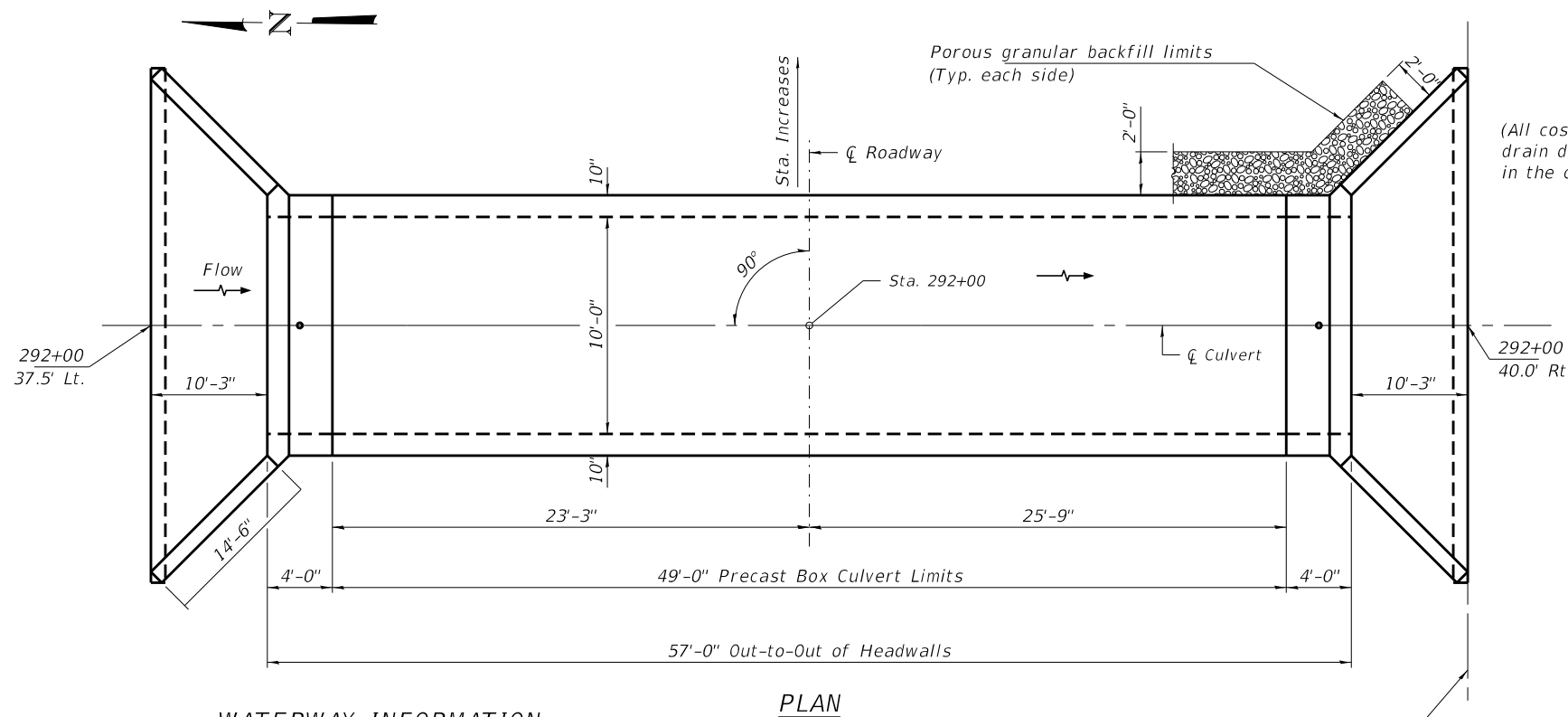
GENERAL PLAN AND ELEVATION

SECTION 17-00217-00-RS

F.A.S. 819 / C.H. 39 / DIX-IRVINGTON RD

JEFFERSON COUNTY

STATION 292+00



PLAN

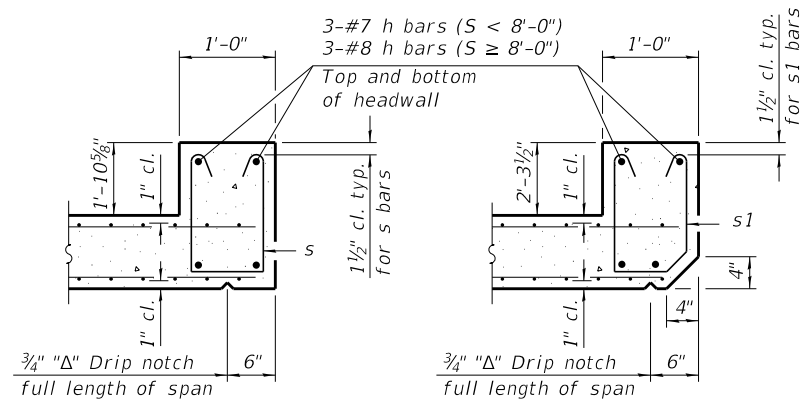
WATERWAY INFORMATION

Drainage Area = 441.6 acres

Freq. Yr.	Freq. Yr.	Outlet Velocity	Low Edge of Pavement	Headwater Elev.	Headwater Depth
20	100	10.2	523.8	515.6	5.0
333	507				

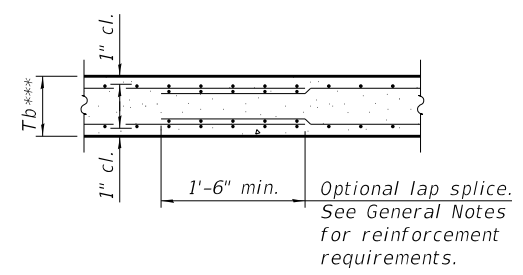
SCB-GPE

7-23-2021



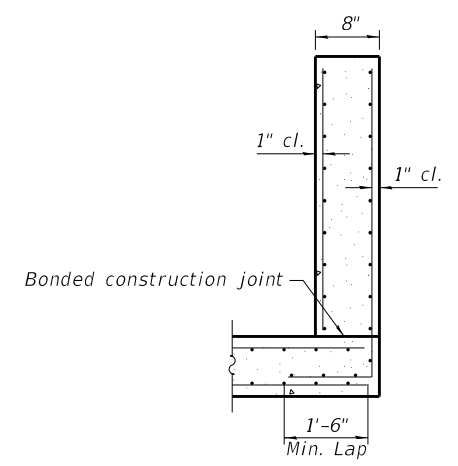
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

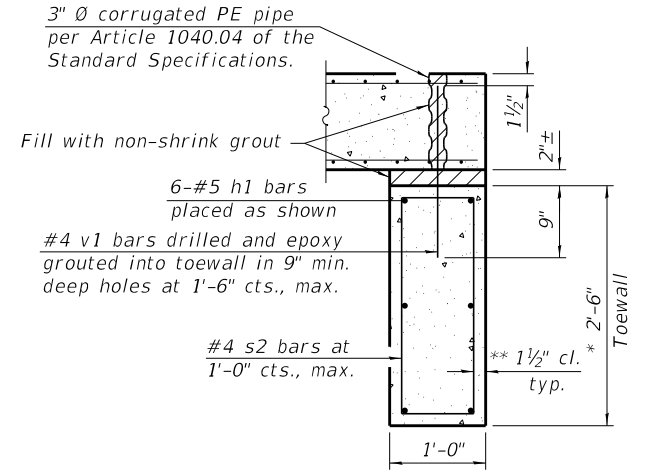


SECTION B-B
(Bottom Slab)

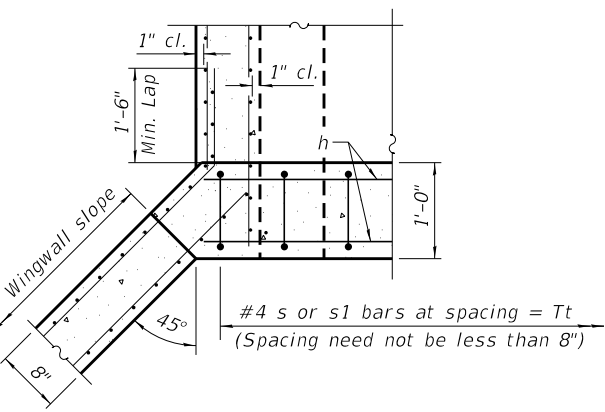
*** This dimension shall be increased by 2" for CIP construction.



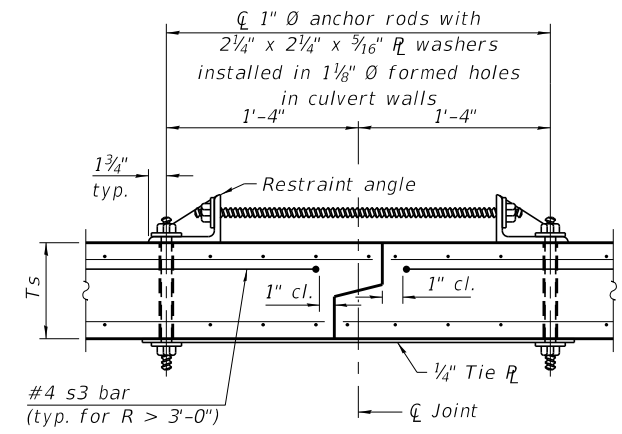
SECTION C-C



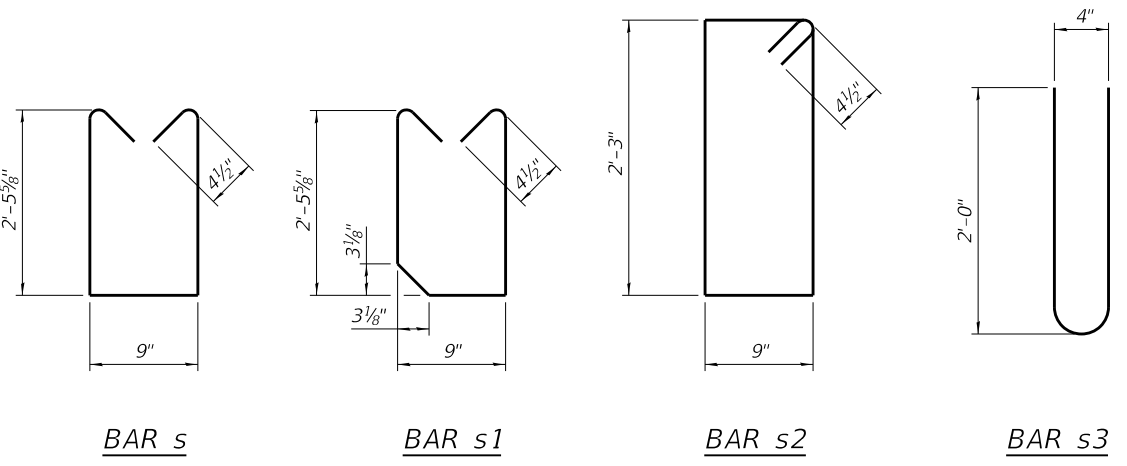
SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

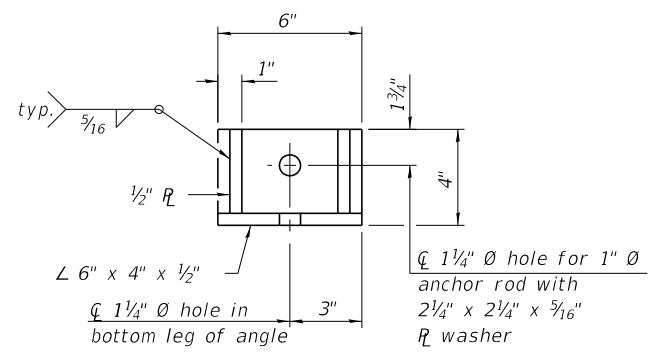


BAR s

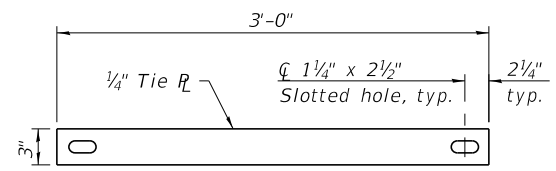
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

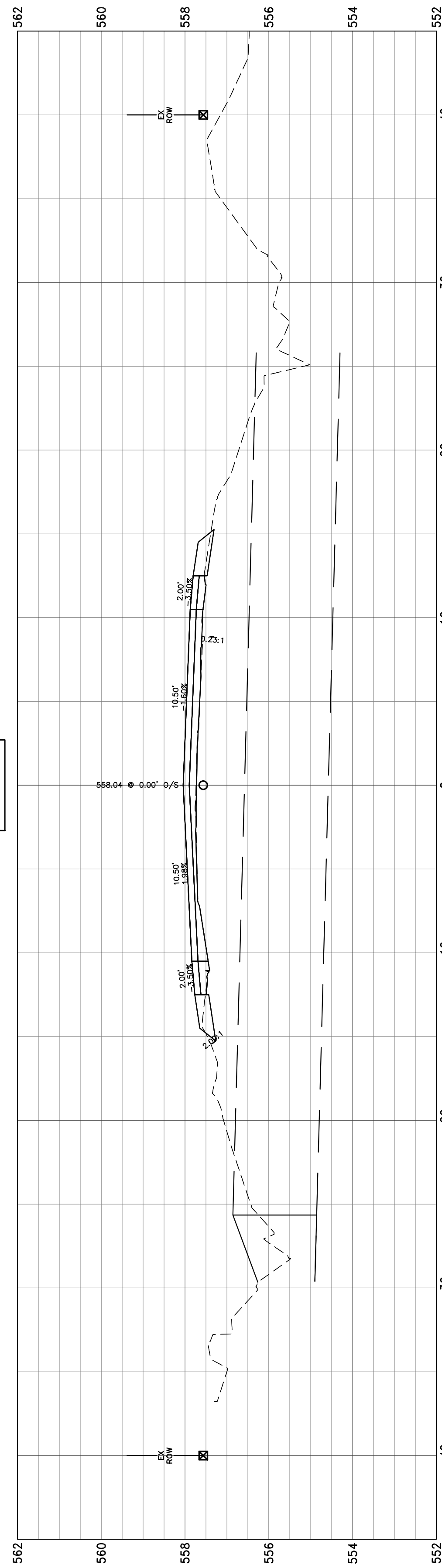
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

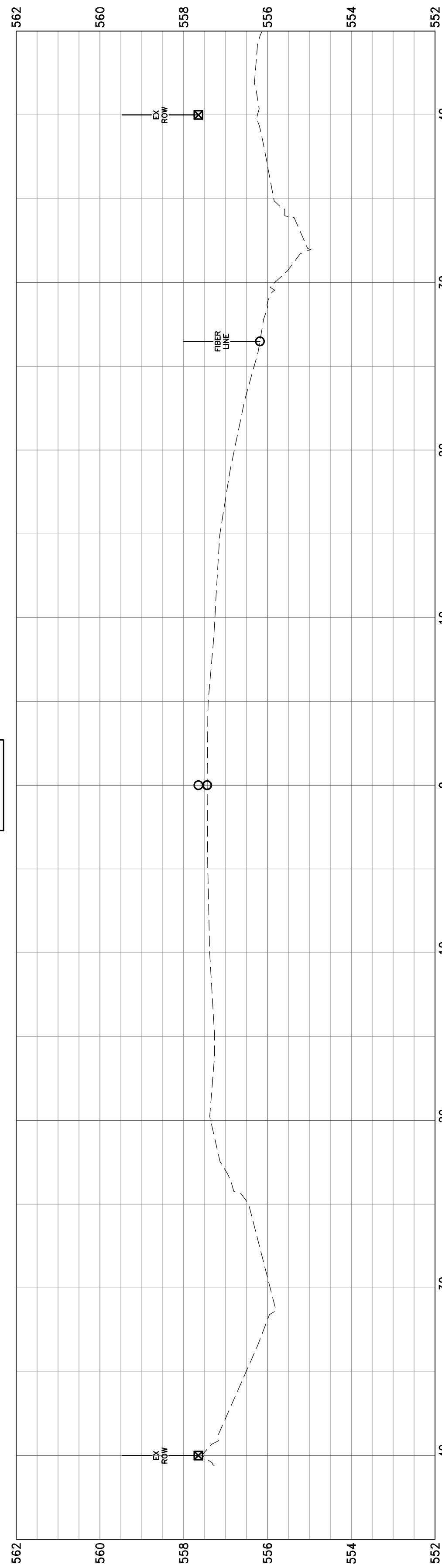
(Sheet 2 of 2)

<p>FILE NAME = 210097 Culvert STA 292+00.dgn USER NAME = lsmlh</p>				<p>DESIGNED - J.R.B. REVISED -</p>		<p>STATE OF ILLINOIS</p>		<p>PRECAST CONCRETE BOX CULVERT APRON END</p>		<p>F.A.S. SECTION COUNTY TOTAL SHEETS SHEET NO.</p>	
<p>HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959</p>				<p>CHECKED - S.W.M. REVISED -</p>		<p>JEFFERSON COUNTY HIGHWAY DEPARTMENT</p>		<p>819 17-00217-00-BR JEFFERSON 182 78</p>		<p>DIX-IRVINGTON ROAD / C.H. 39 CONTRACT NO. 99692</p>	
<p>PLOT SCALE = DRAWN - T.D.S. REVISED -</p>				<p>CHECKED - S.W.M. REVISED -</p>		<p>SHEET NO. 3 OF 3 SHEETS</p>		<p>ILLINOIS FED. AID PROJECT A14M(523)</p>		<p></p>	
<p>PLOT DATE = 4/7/2022</p>				<p></p>		<p></p>		<p></p>		<p></p>	

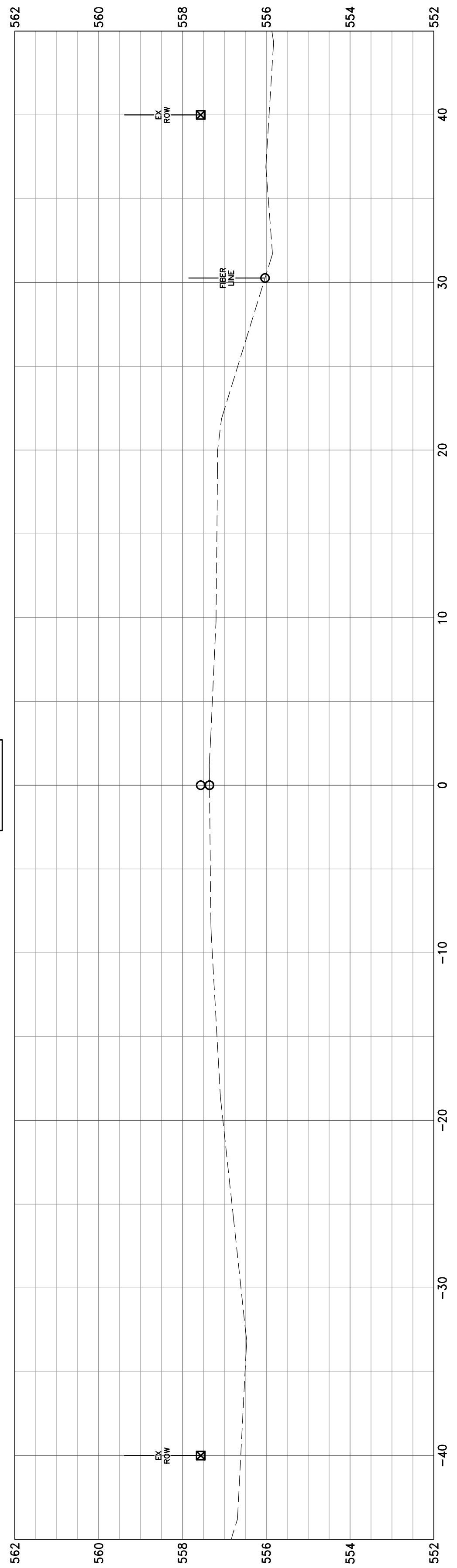
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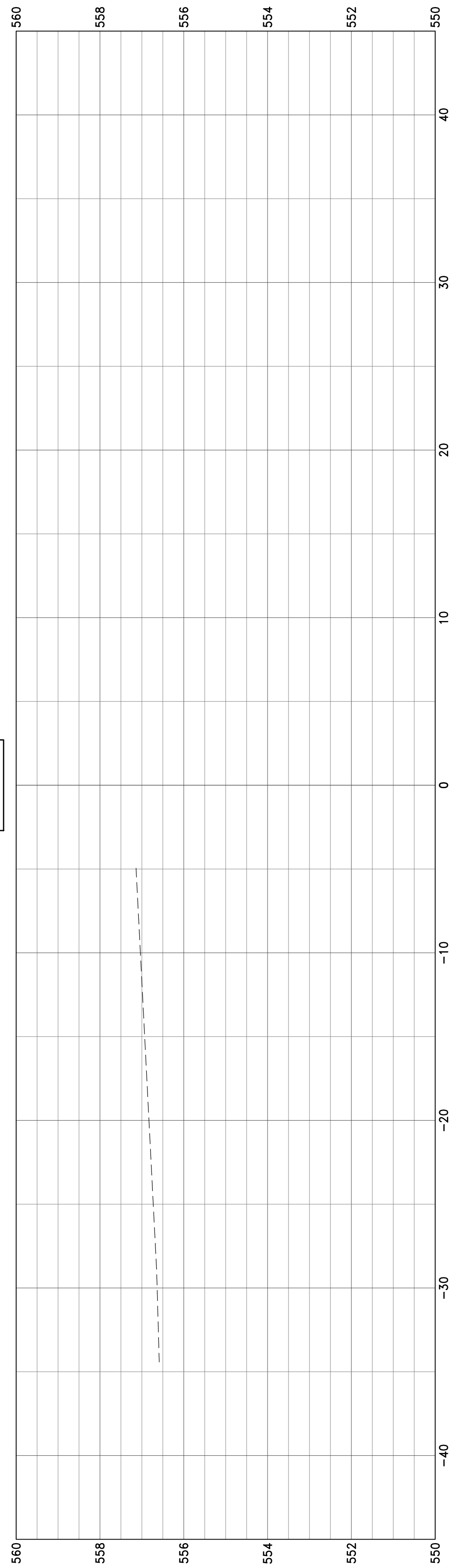
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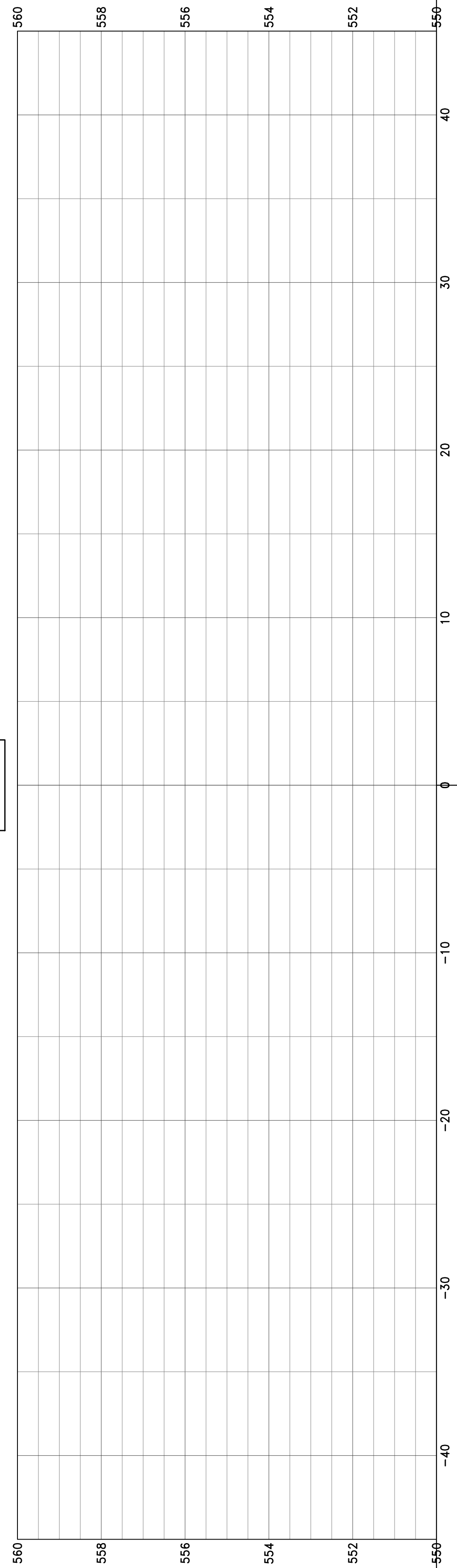
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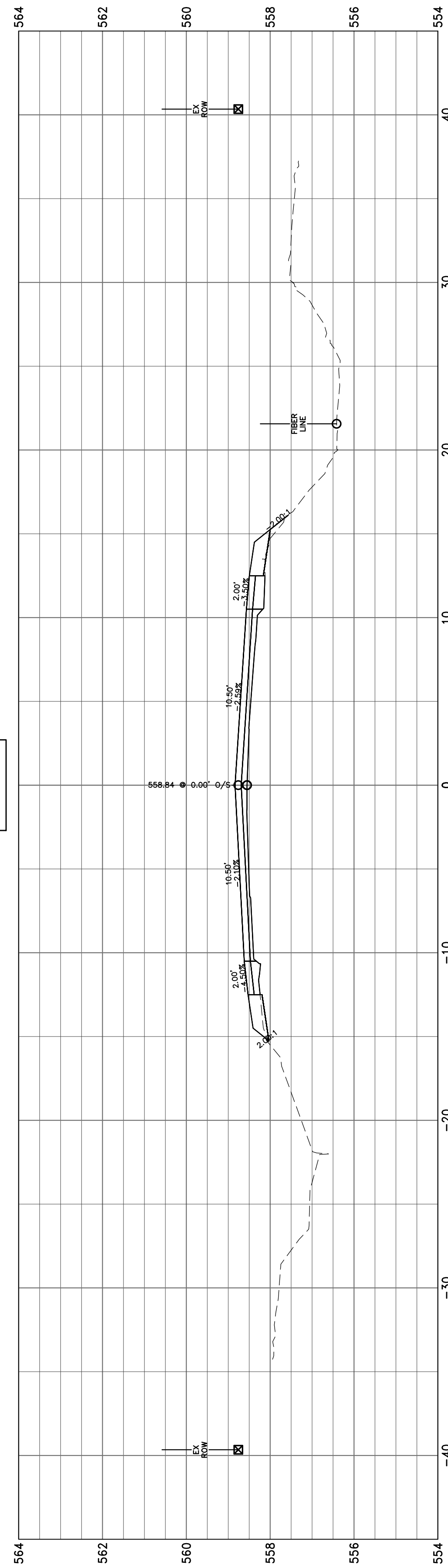
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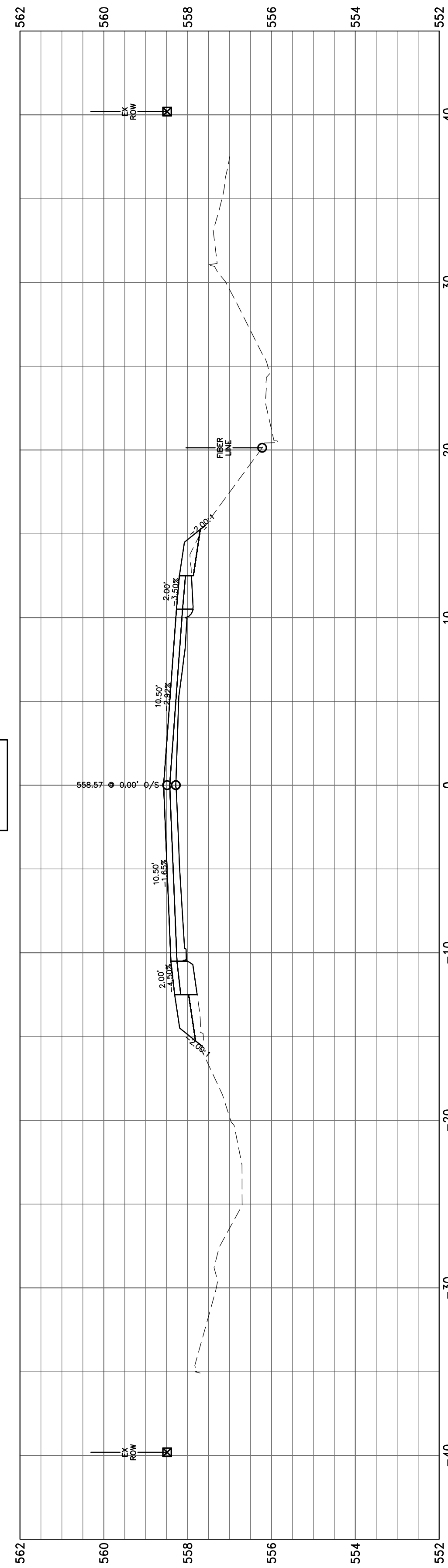
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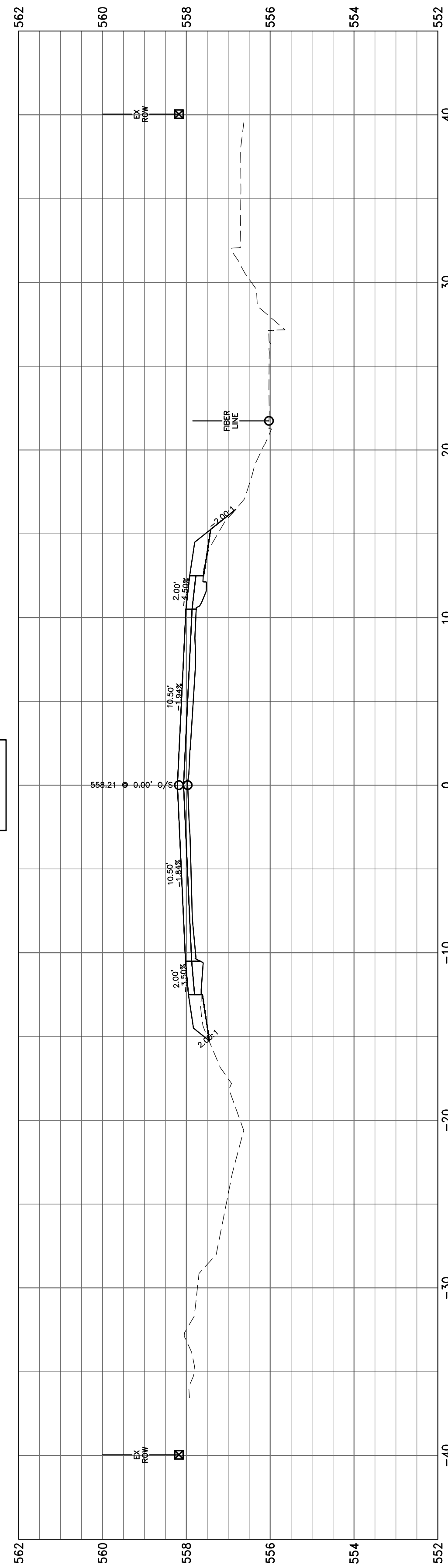
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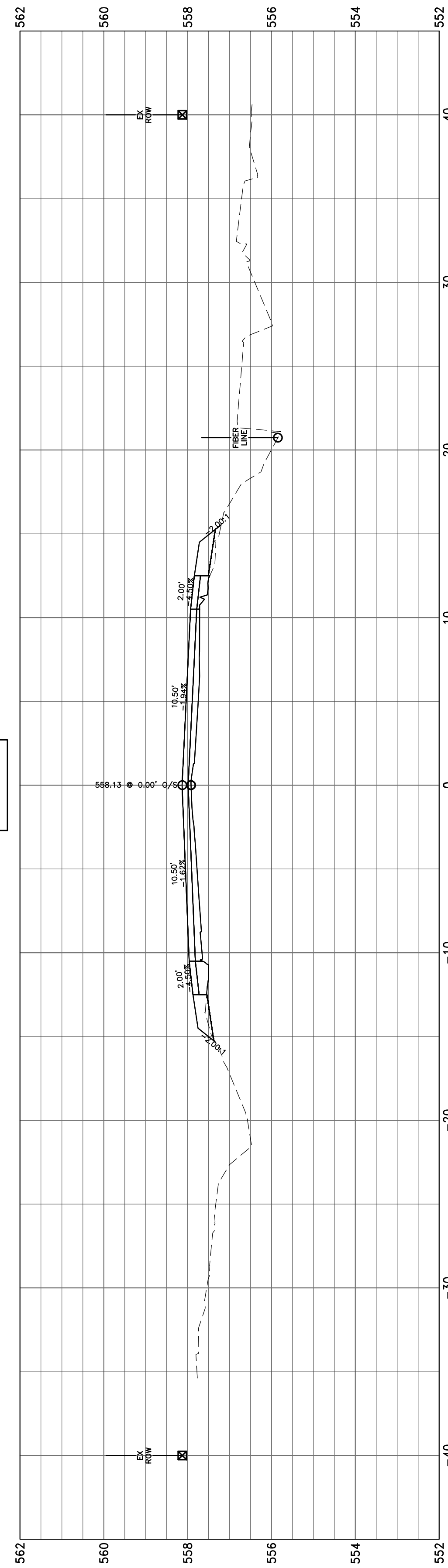
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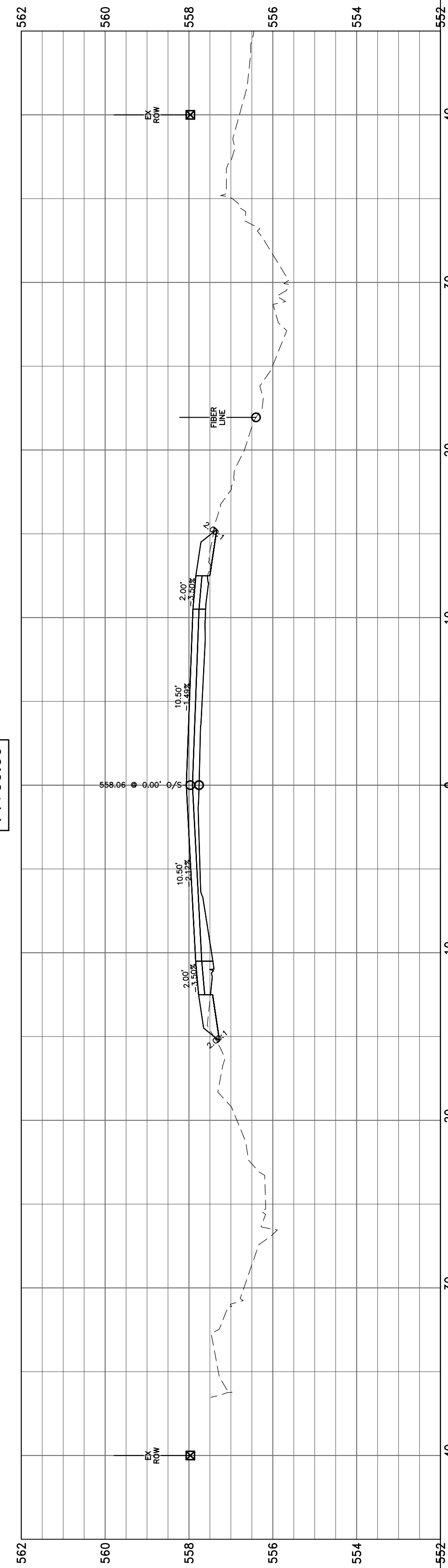
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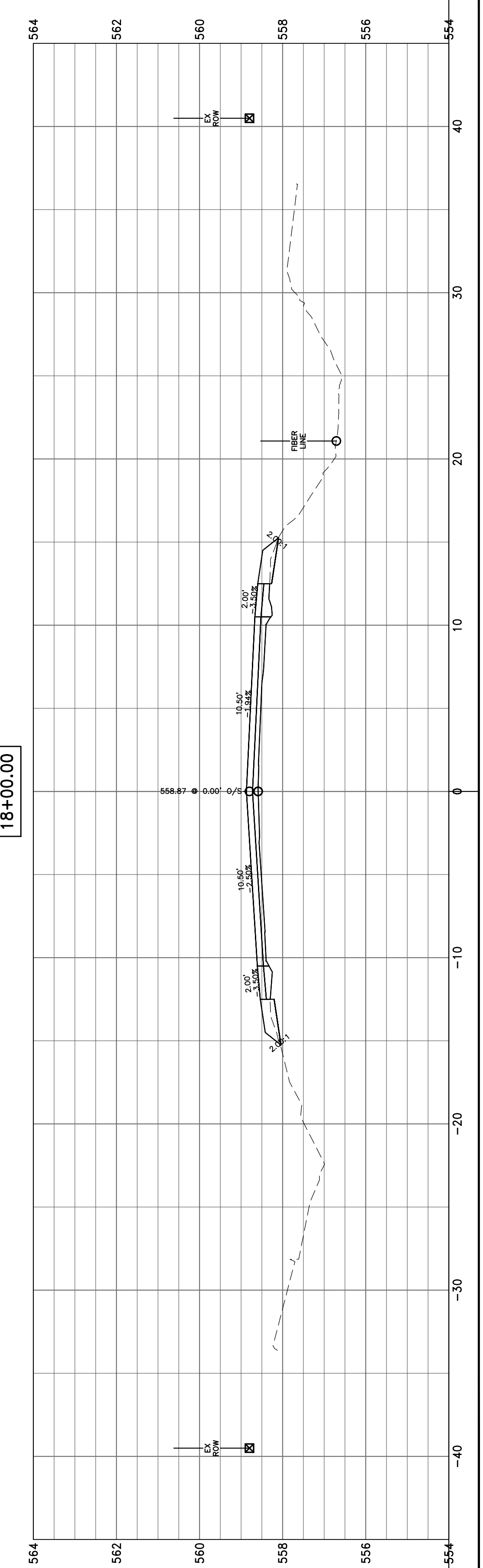
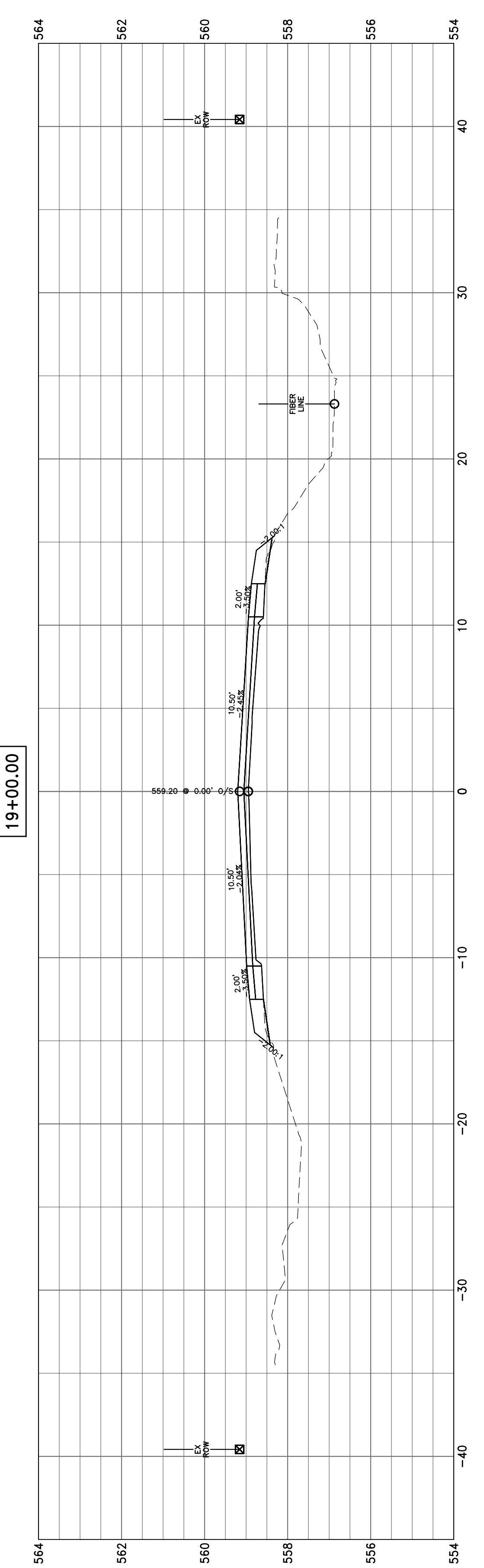
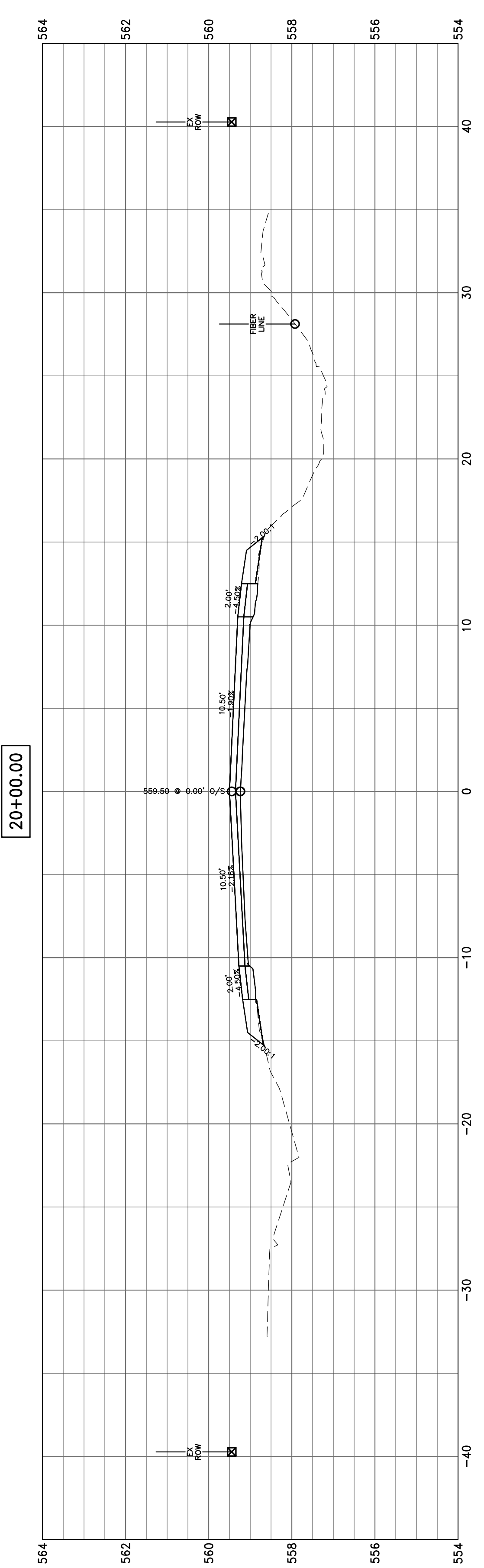
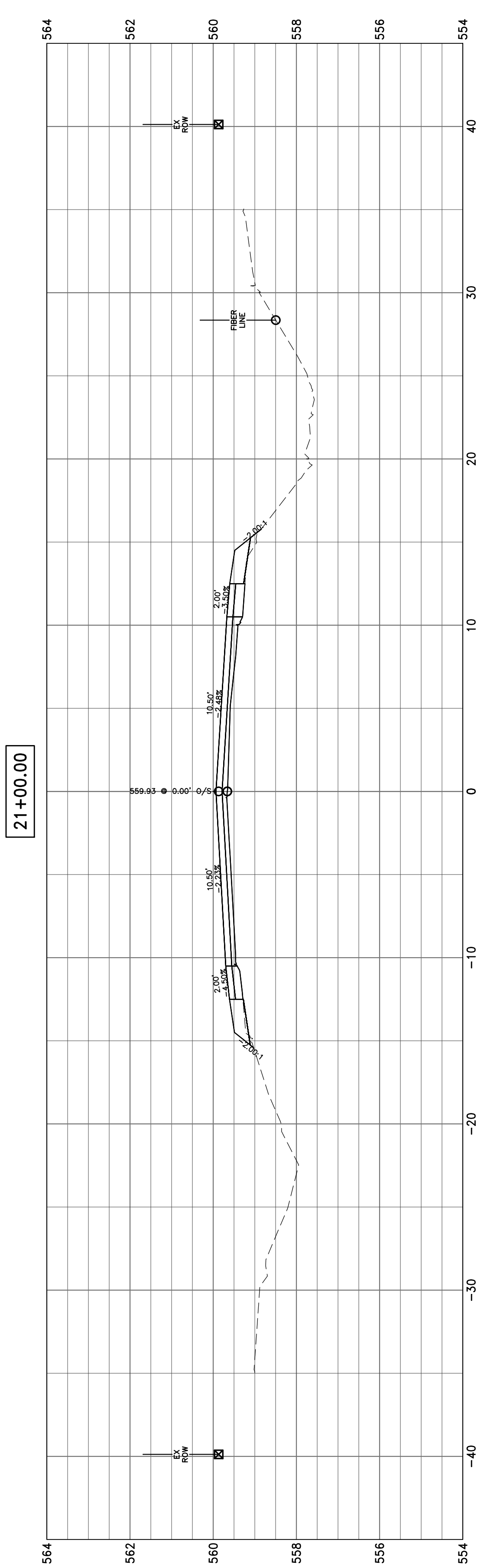
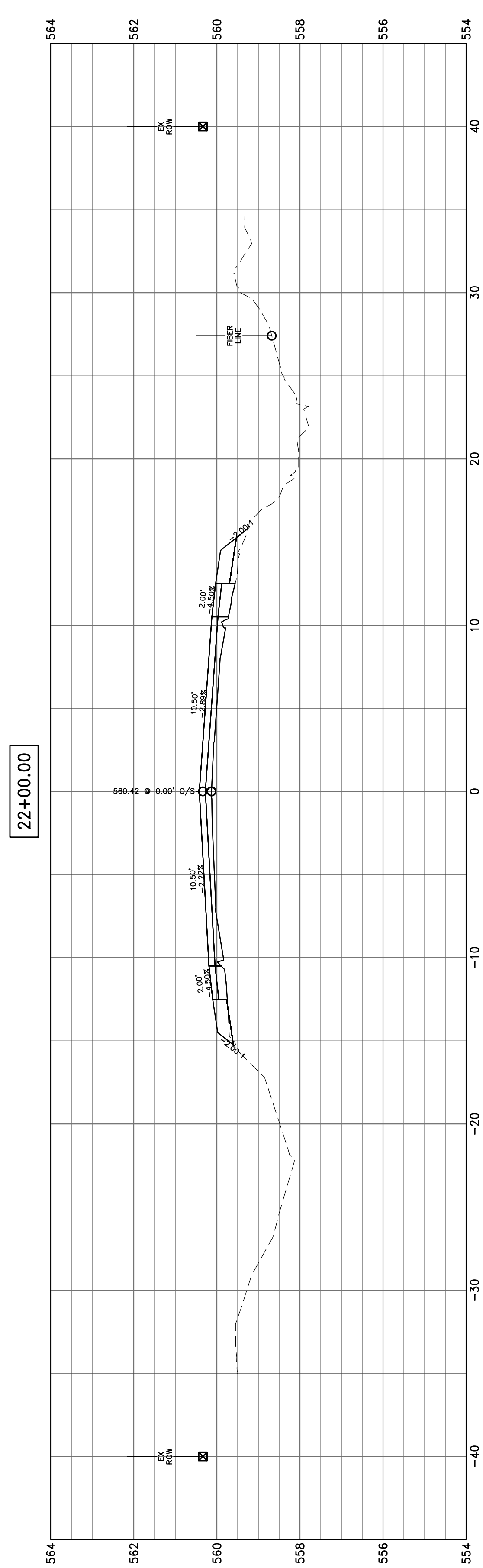


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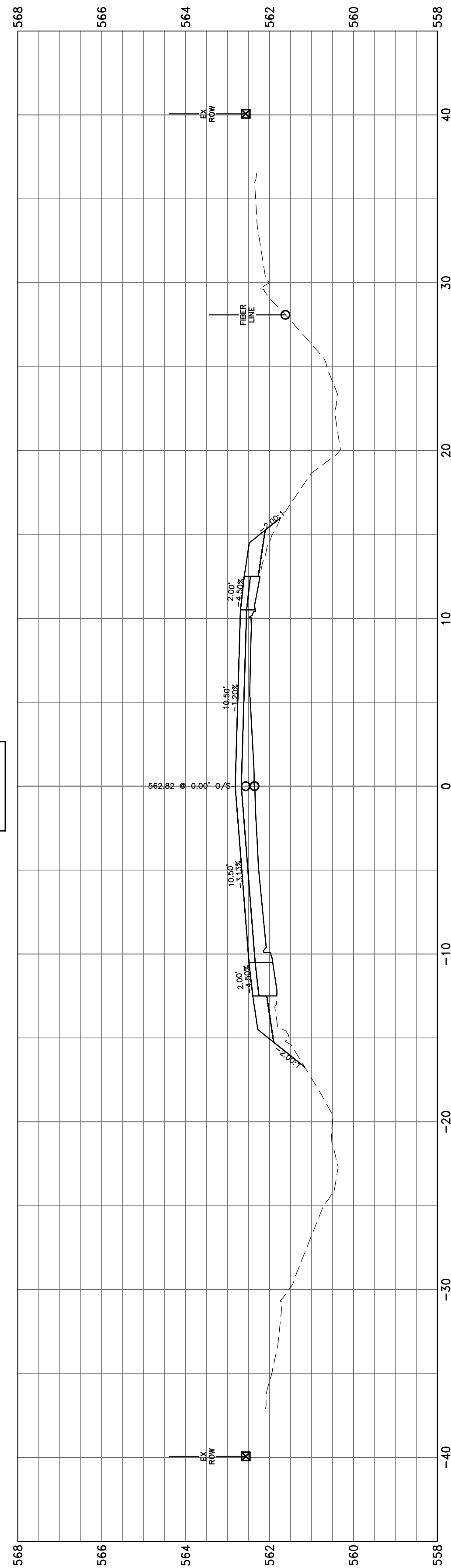


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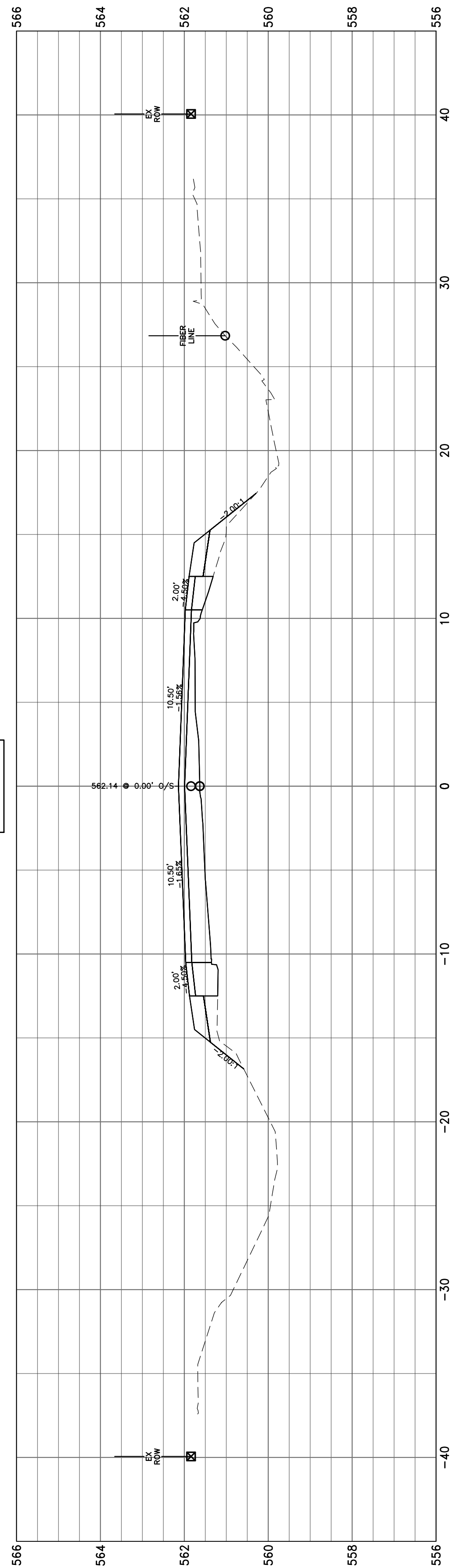




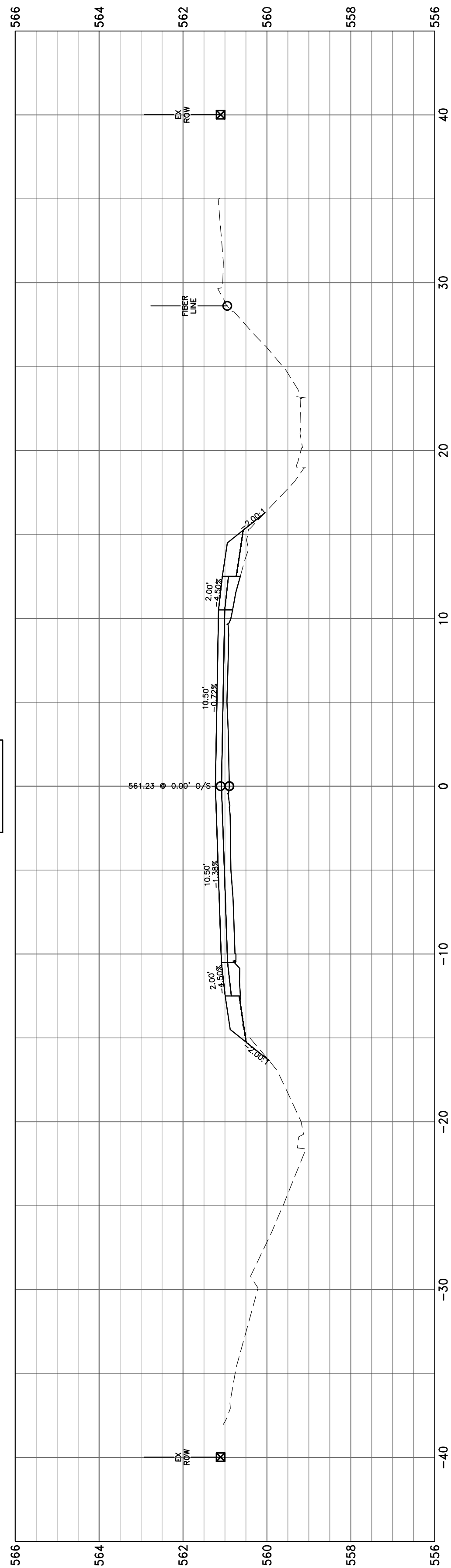
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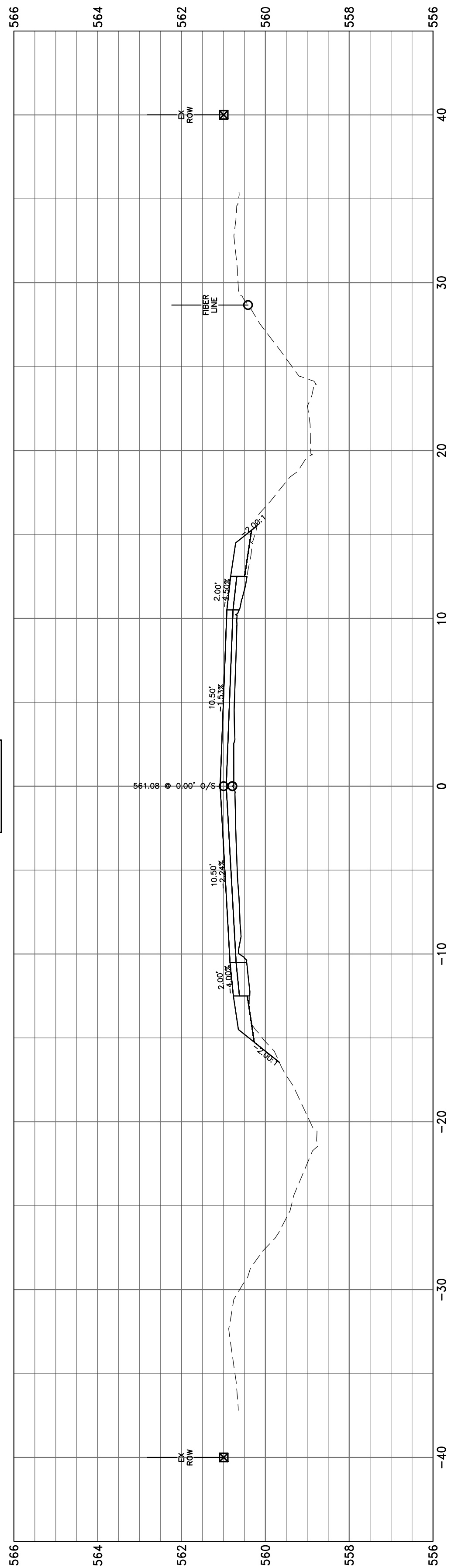
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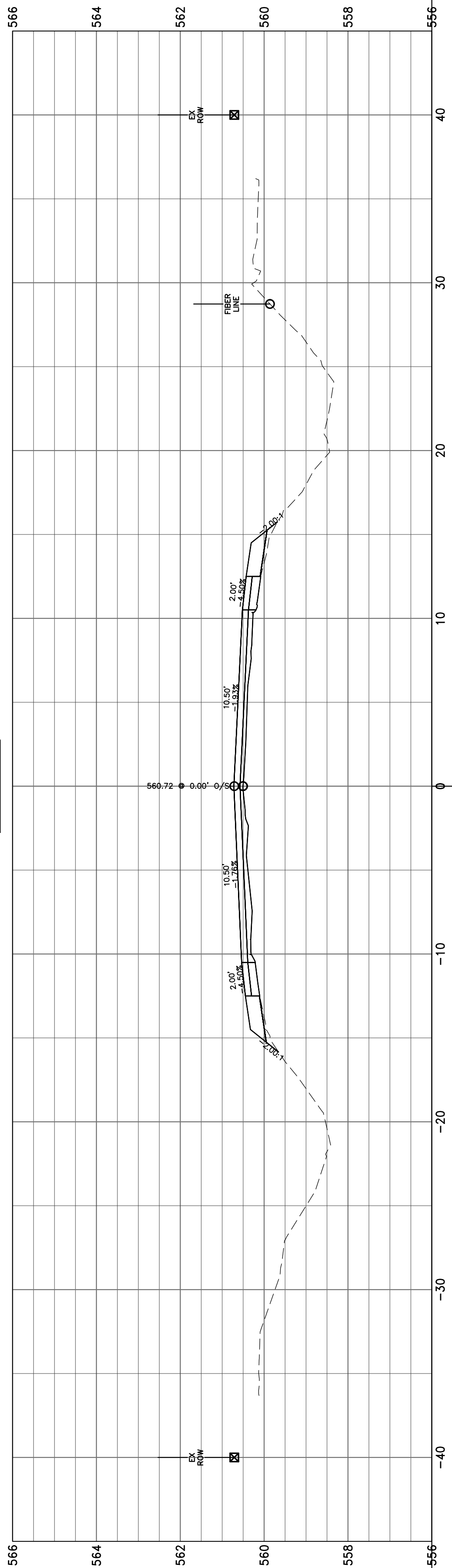
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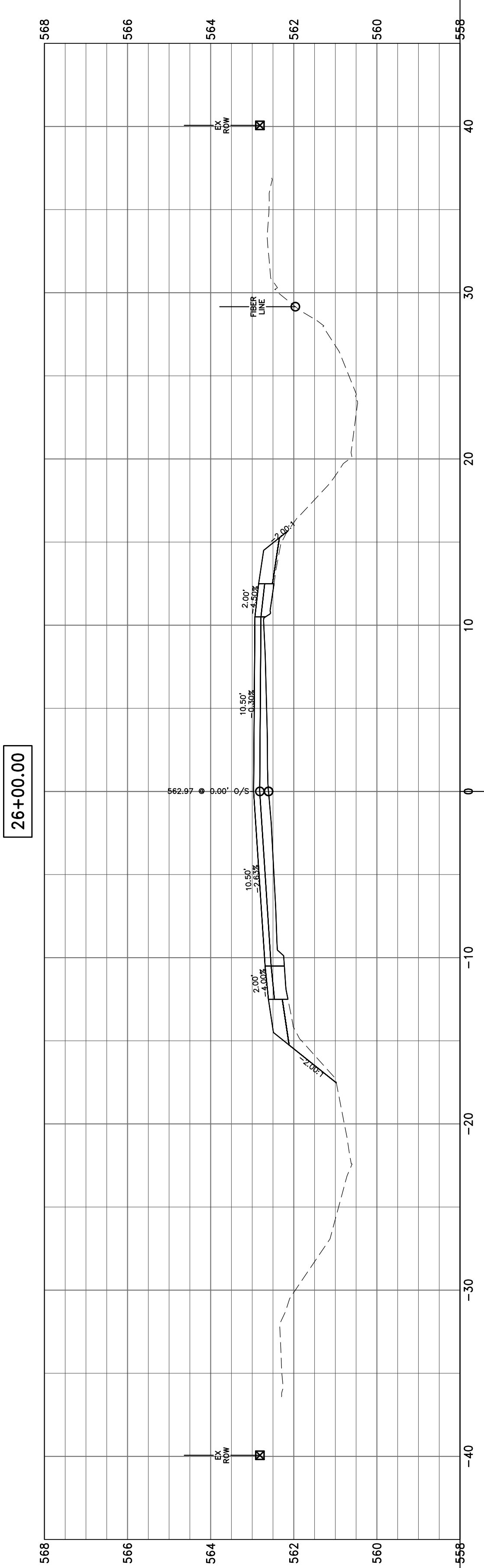
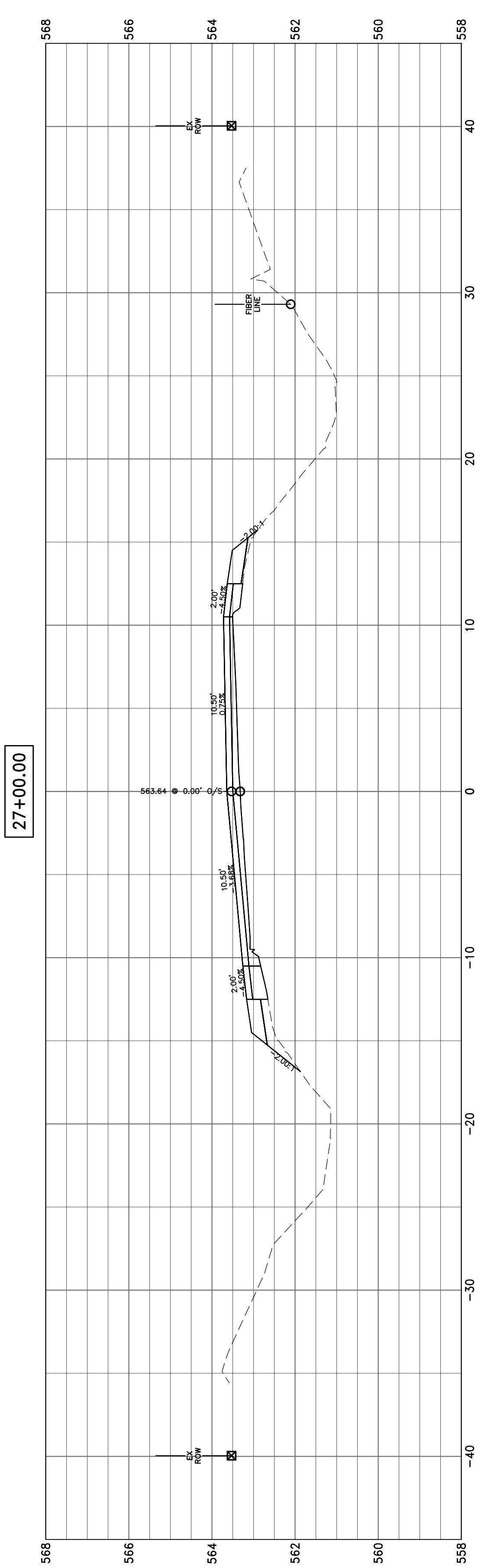
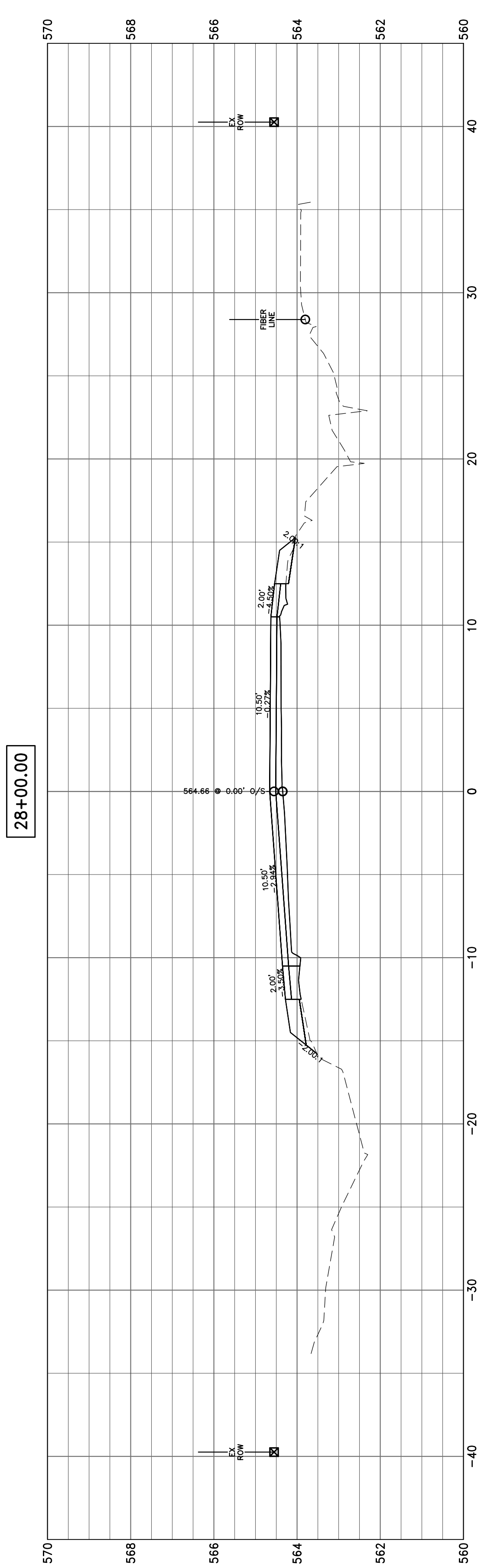
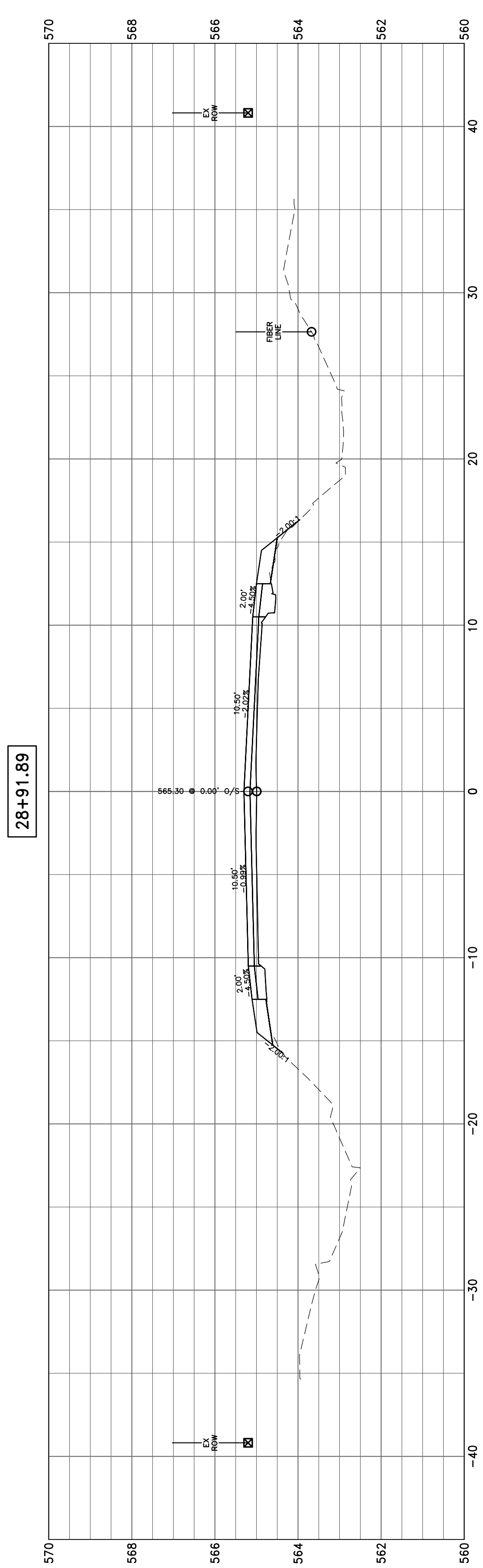
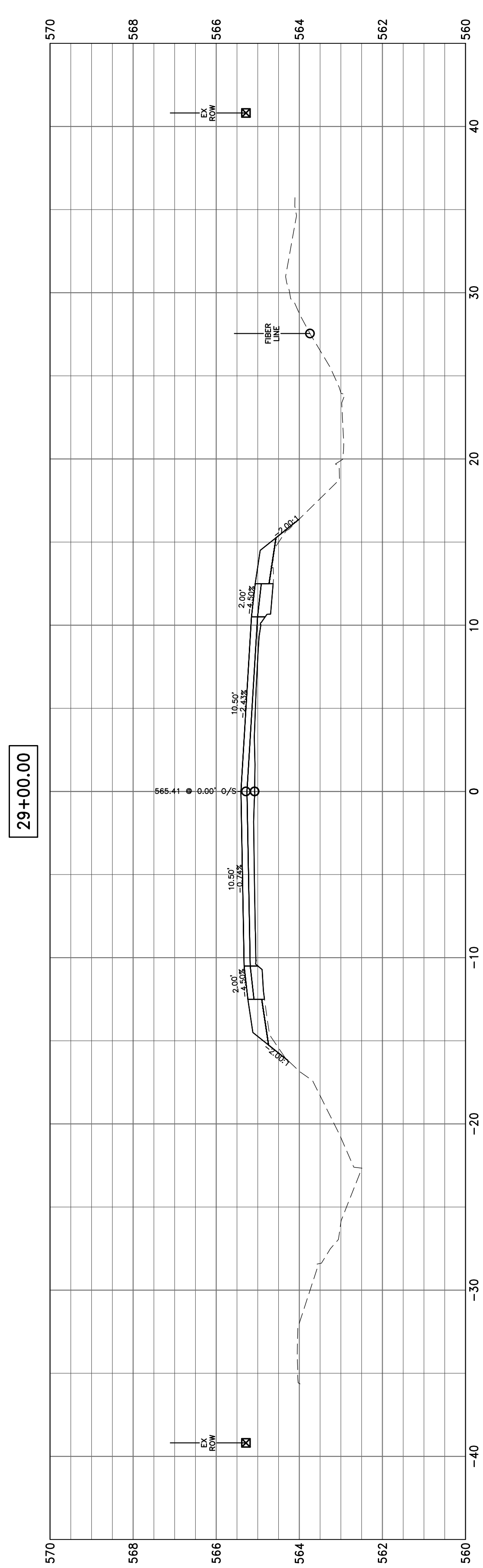


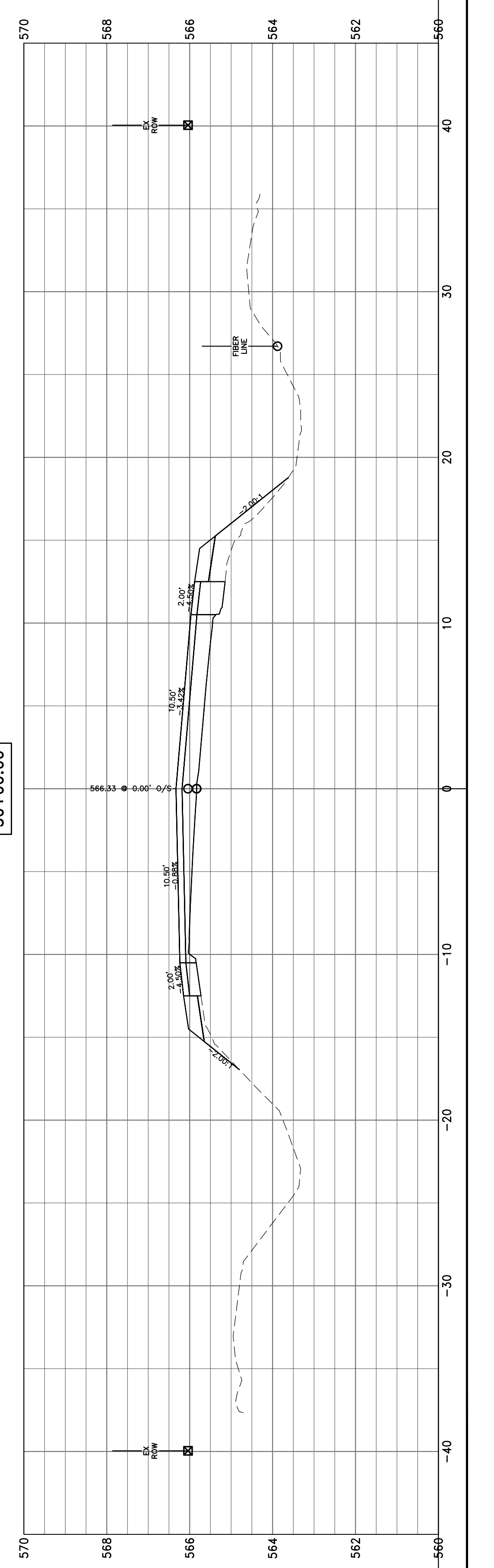
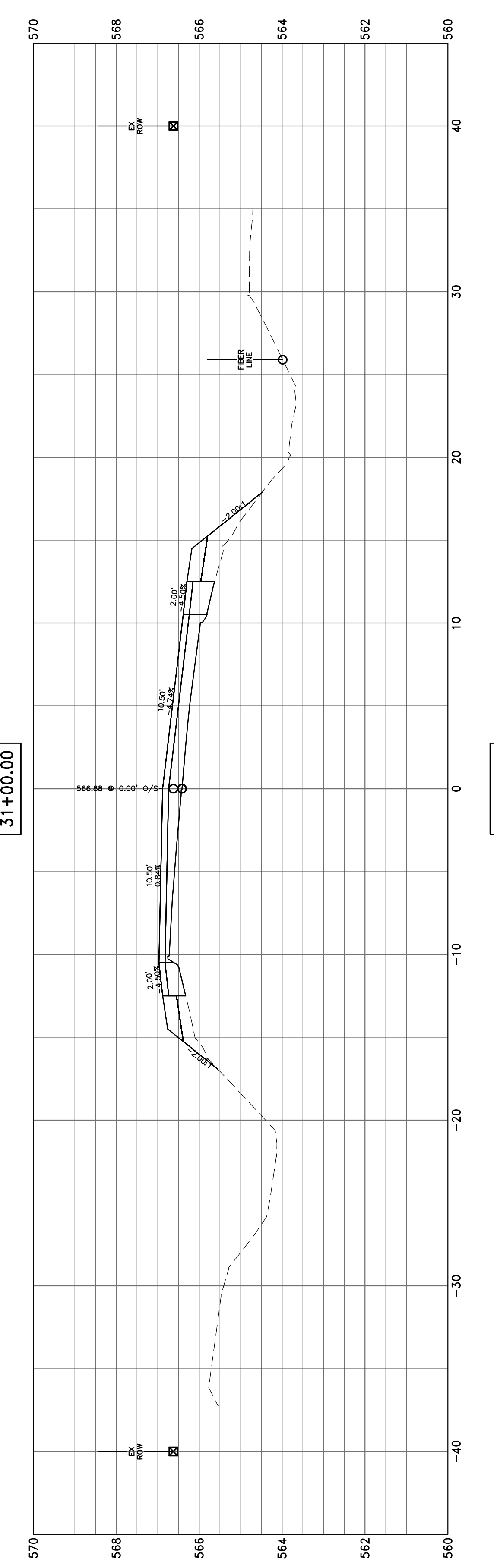
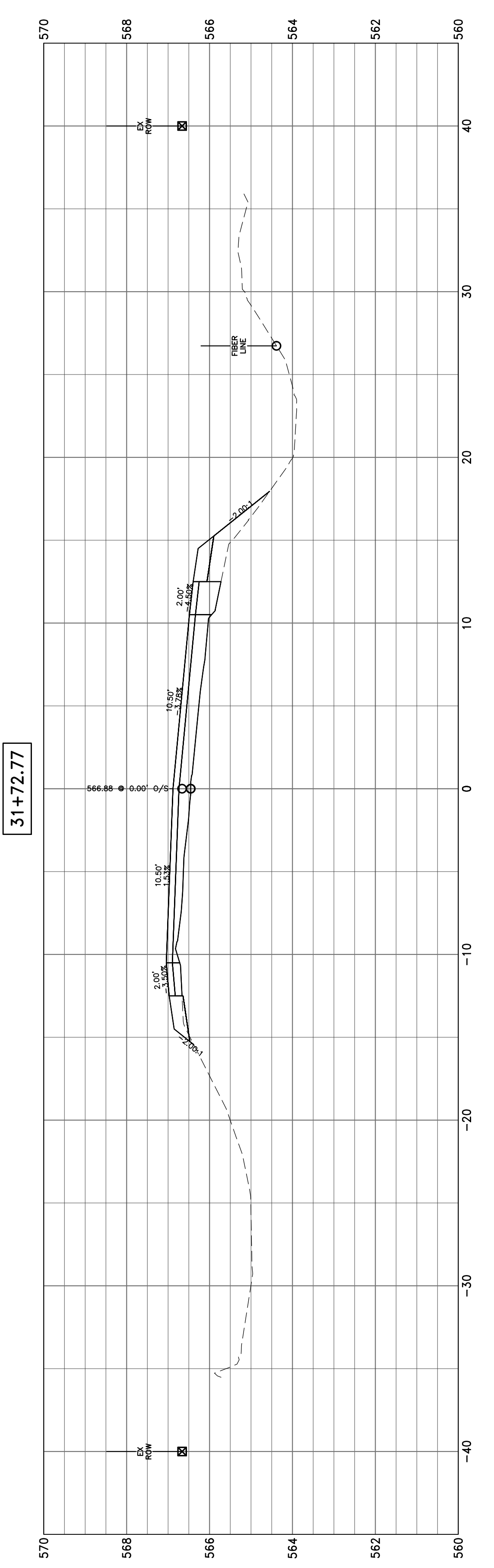
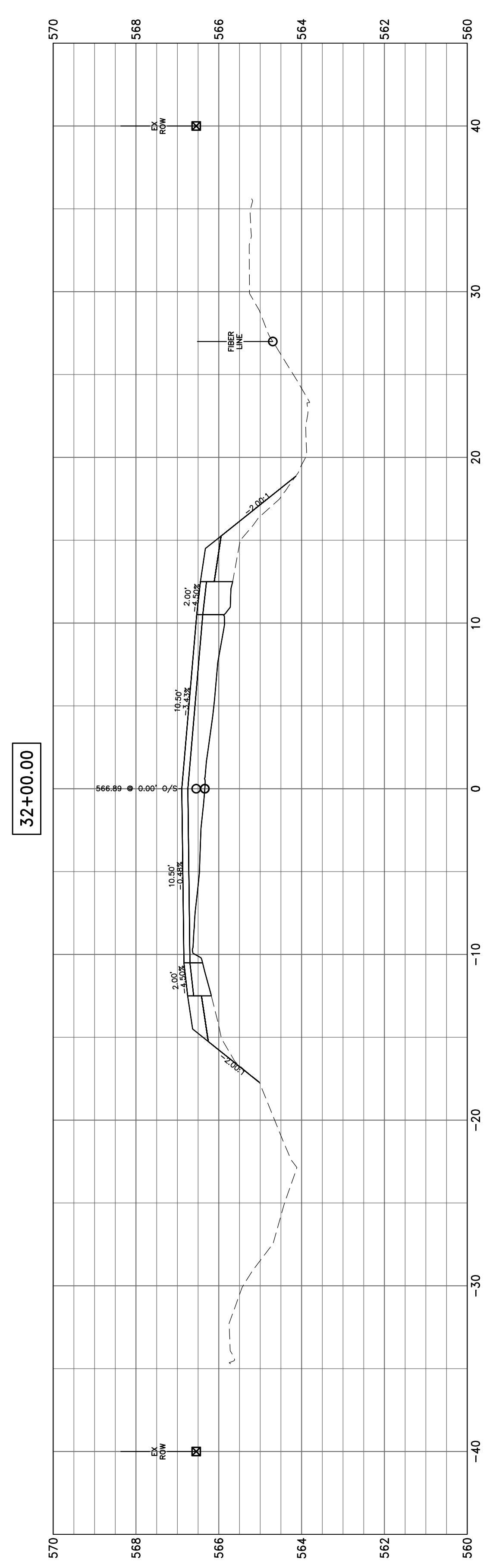
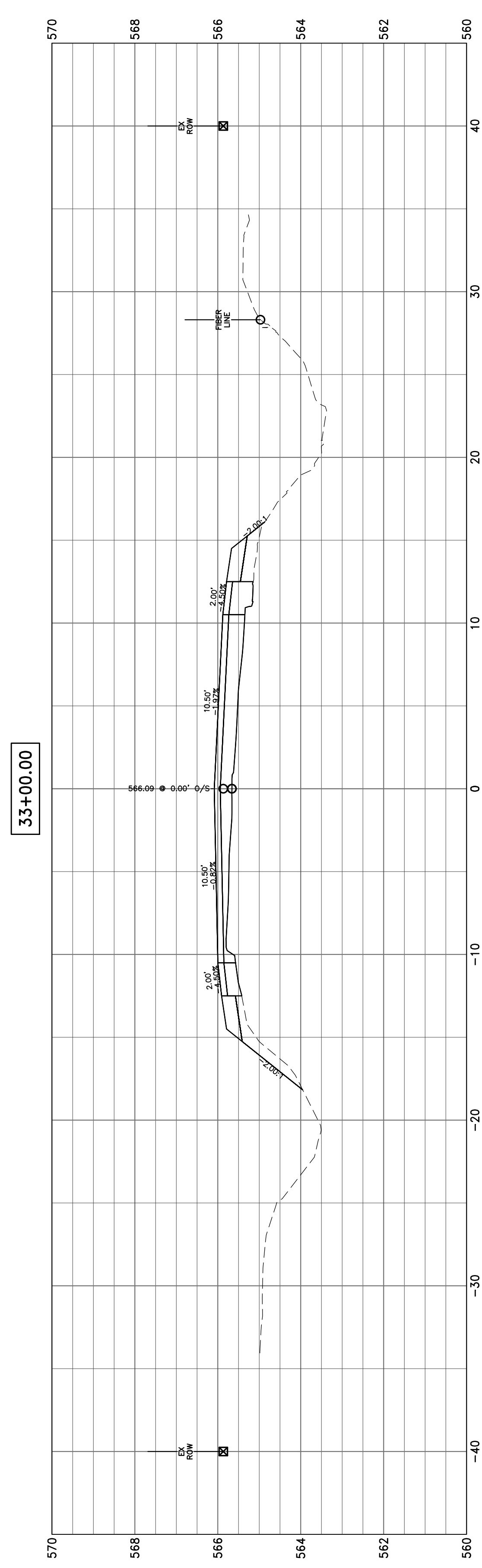
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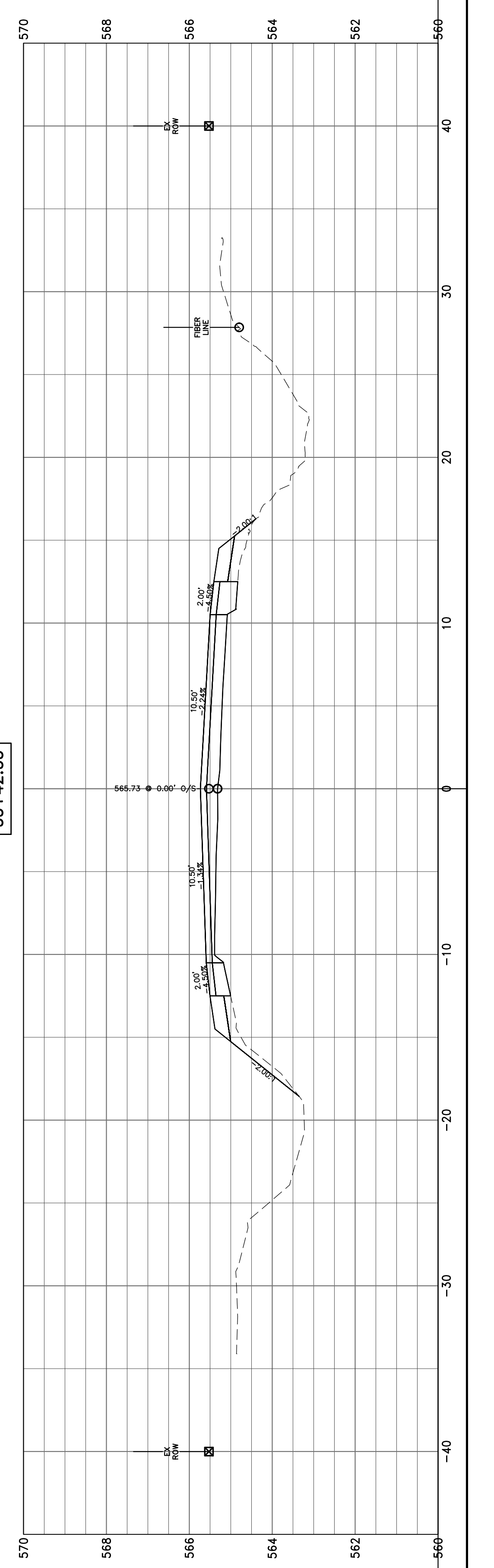
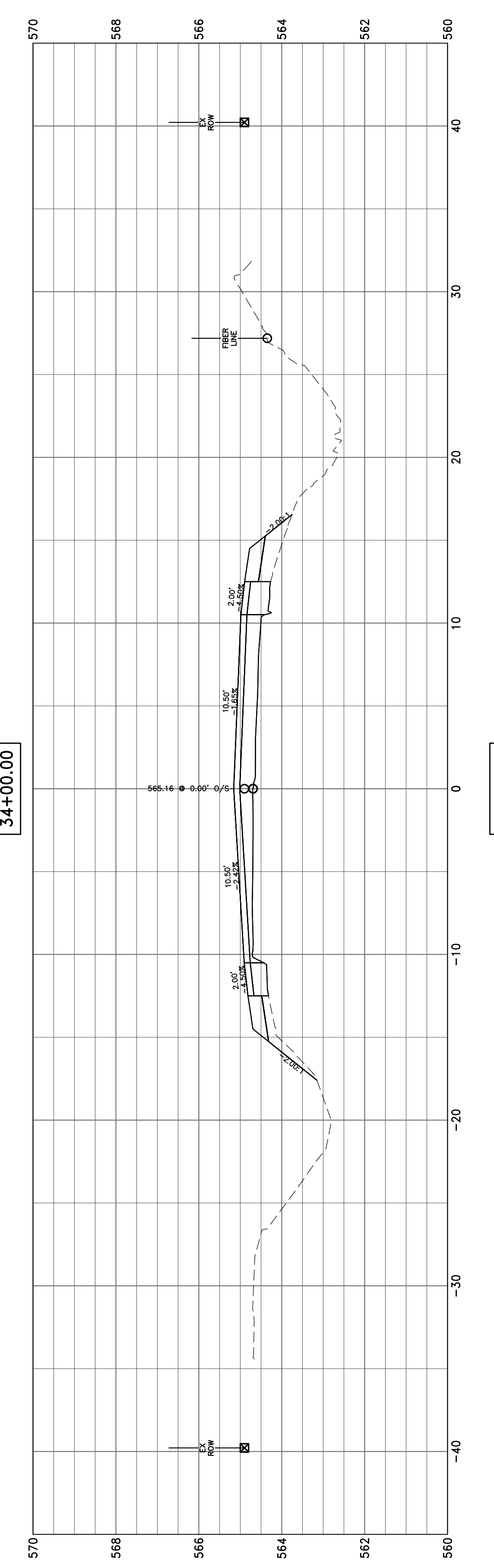
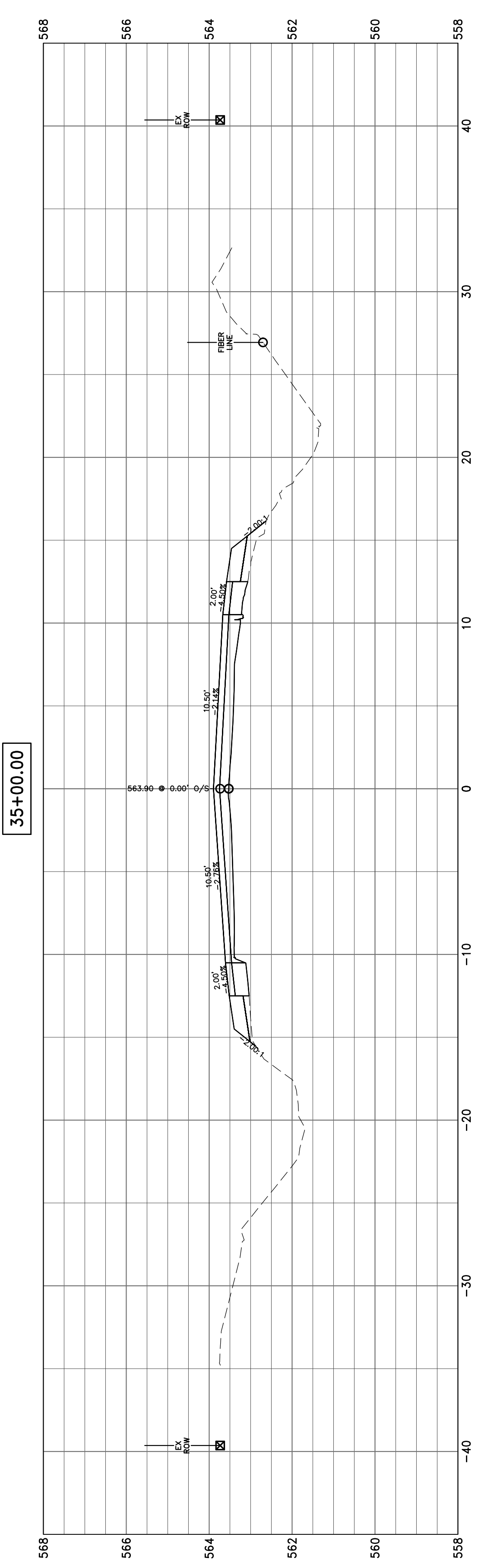
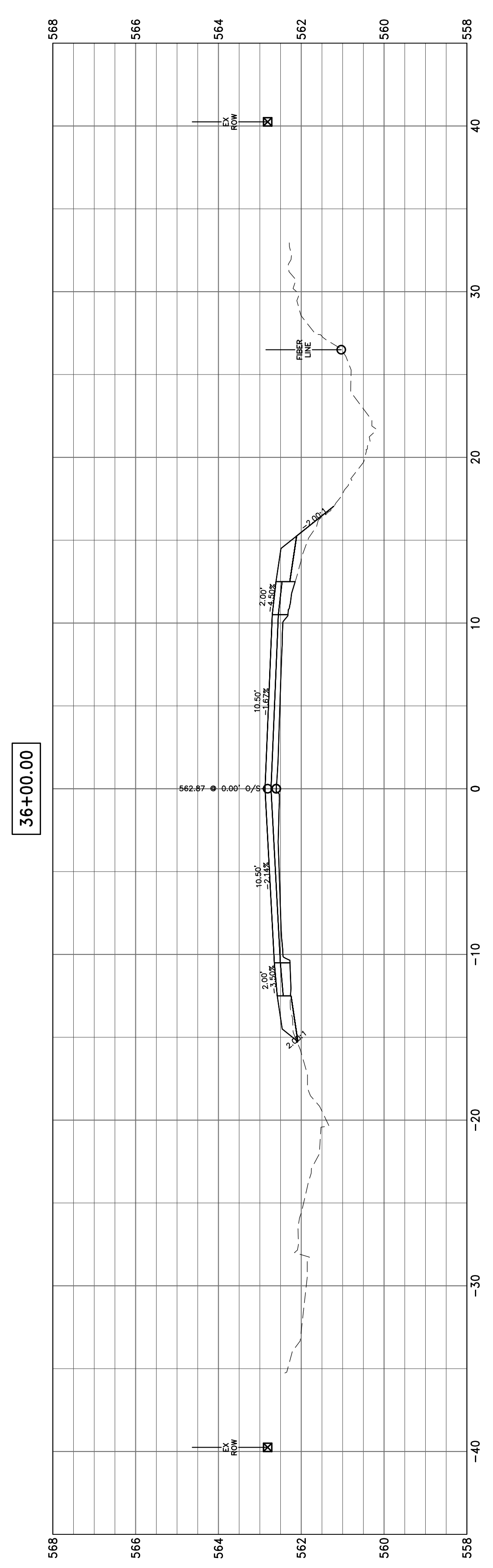
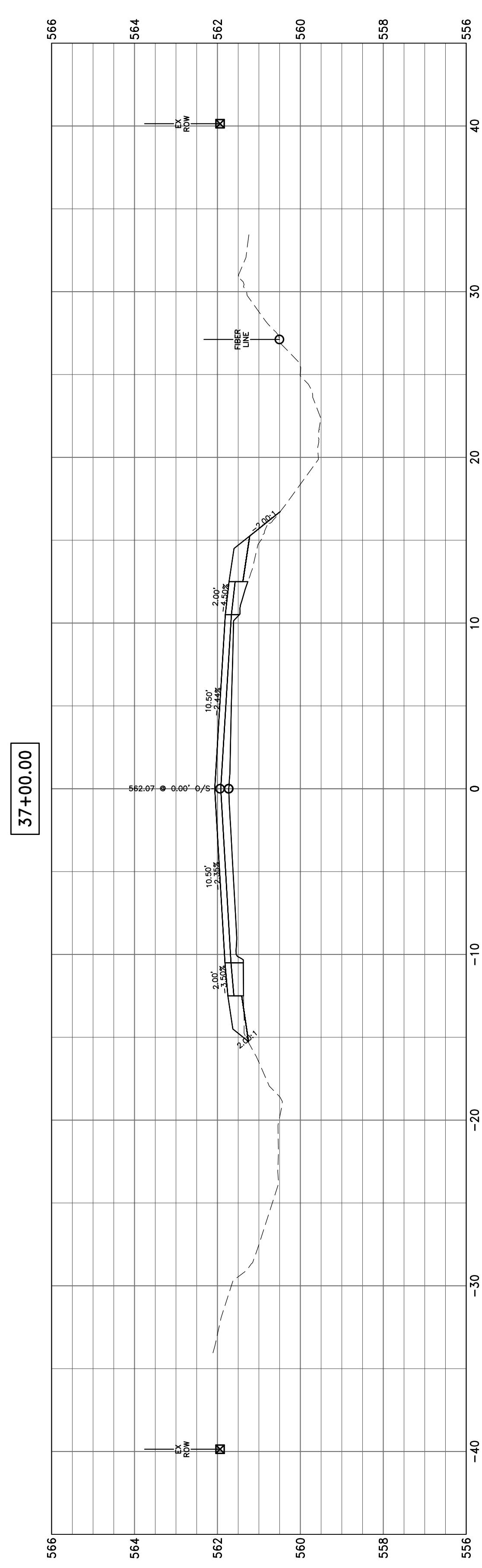


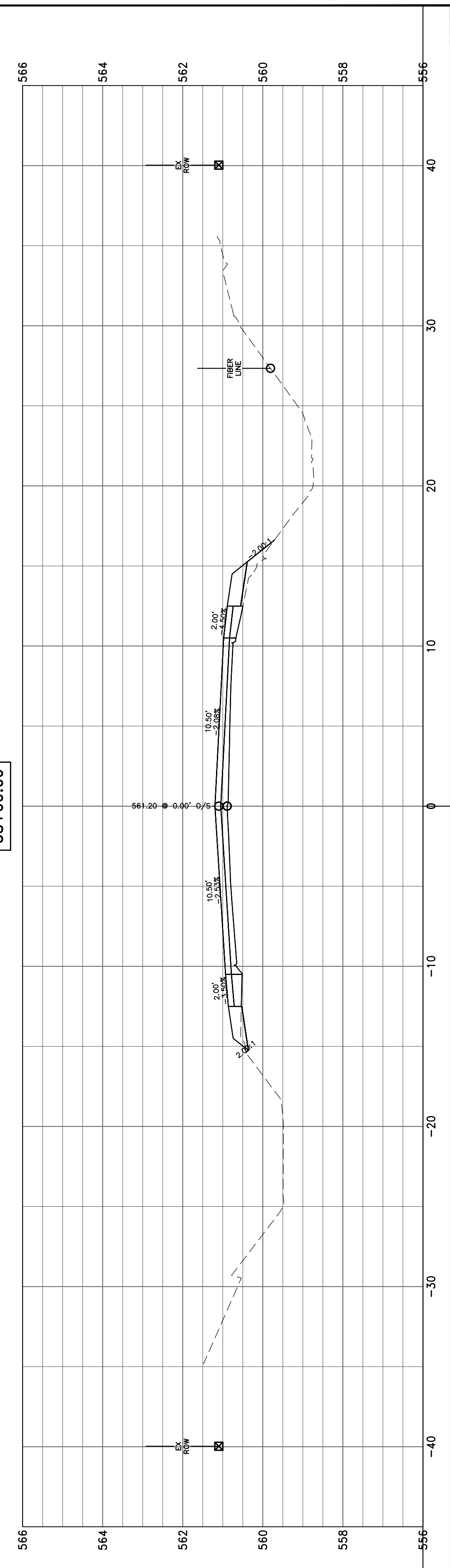
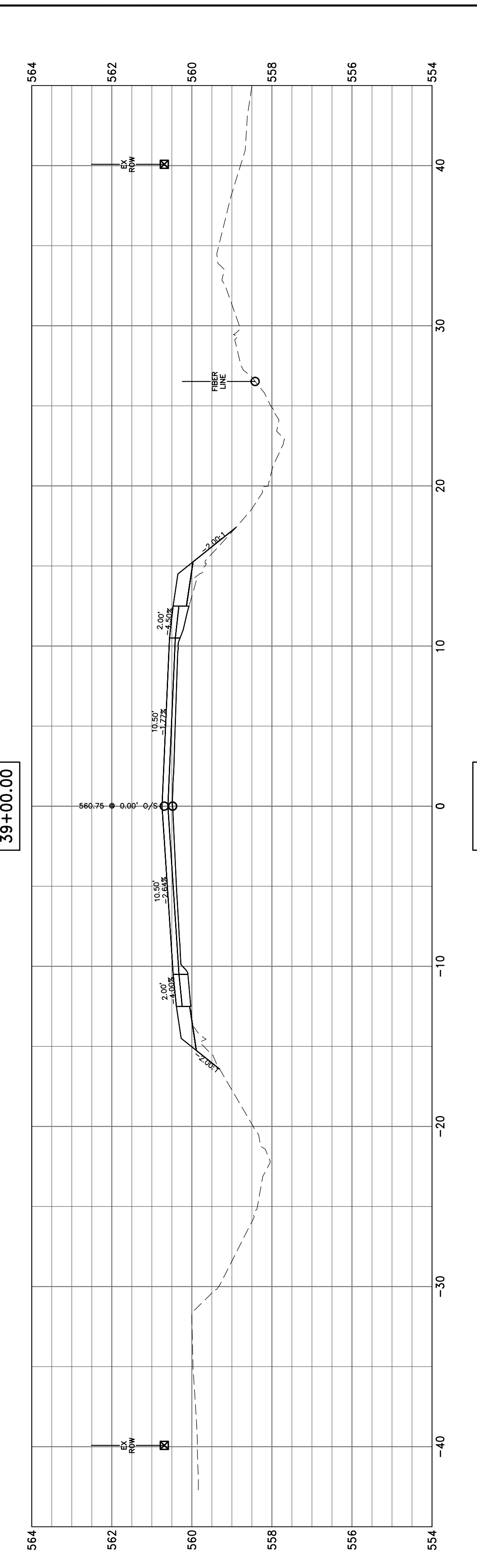
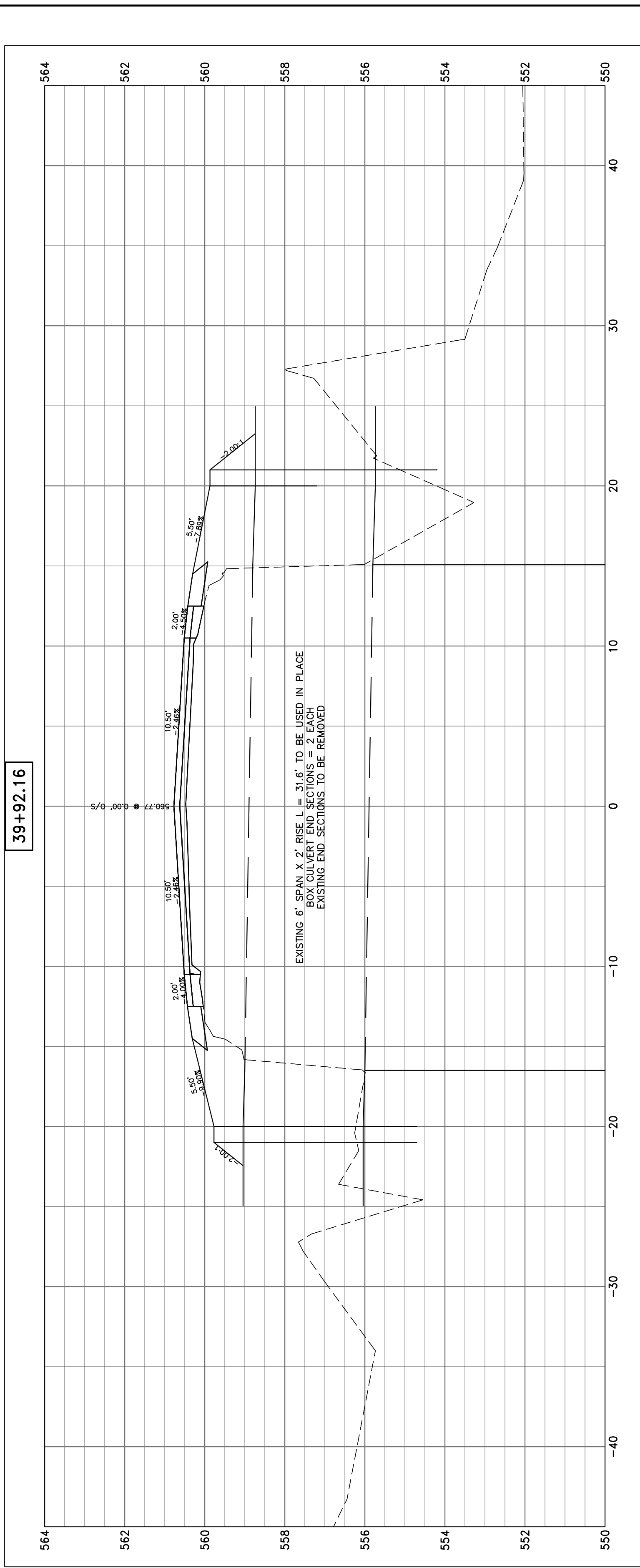
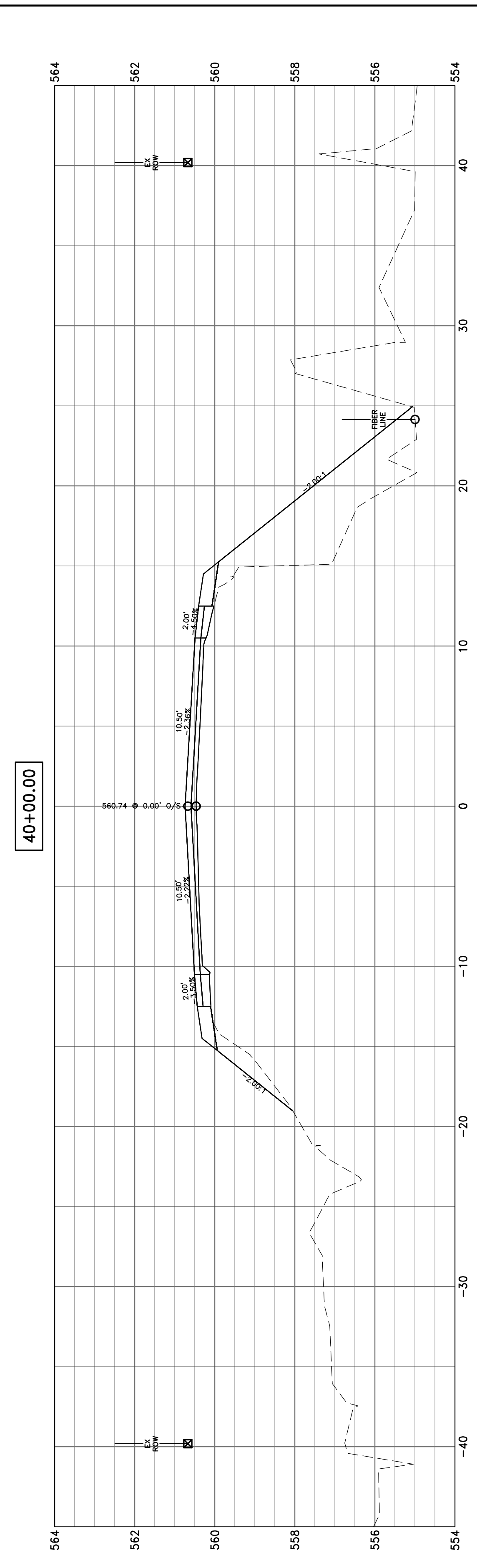
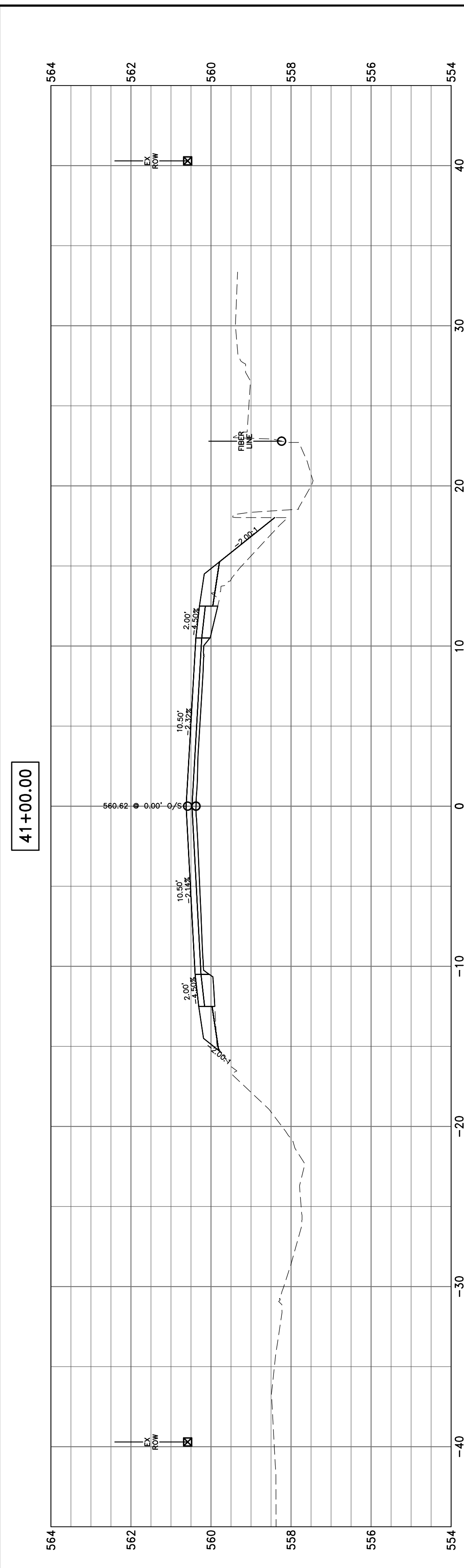
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HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 2H=5V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/04/2021

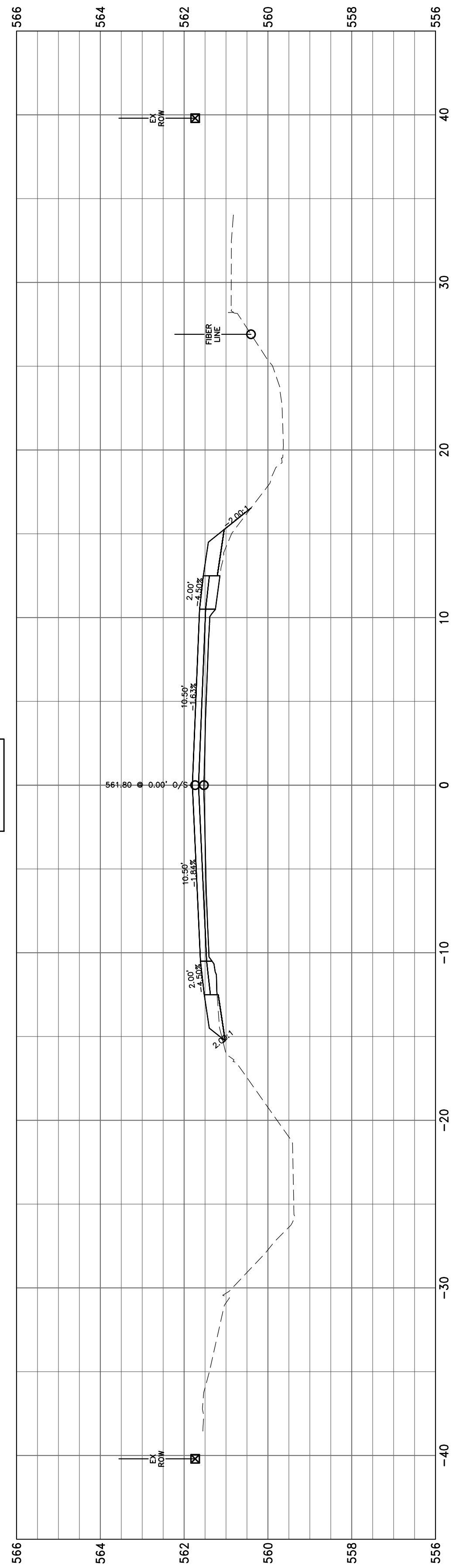
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

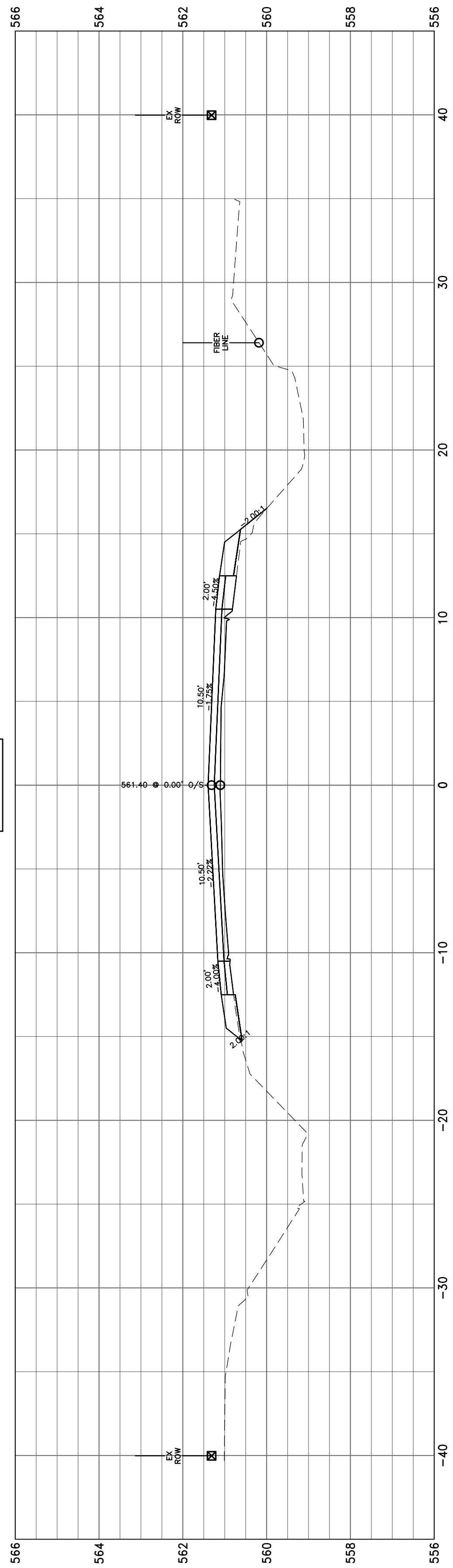
CROSS SECTIONS
 SCALE: 1"=10'
 SHEET 8 OF 104 SHEETS
 STA. 38+00.00 TO STA. 41+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	86
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		

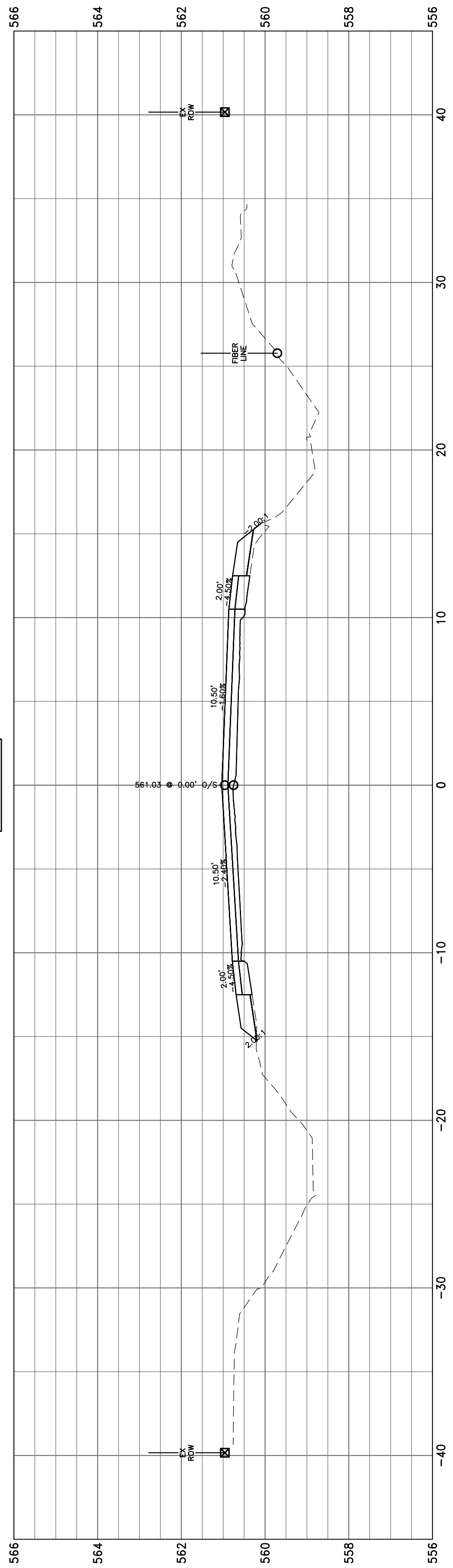
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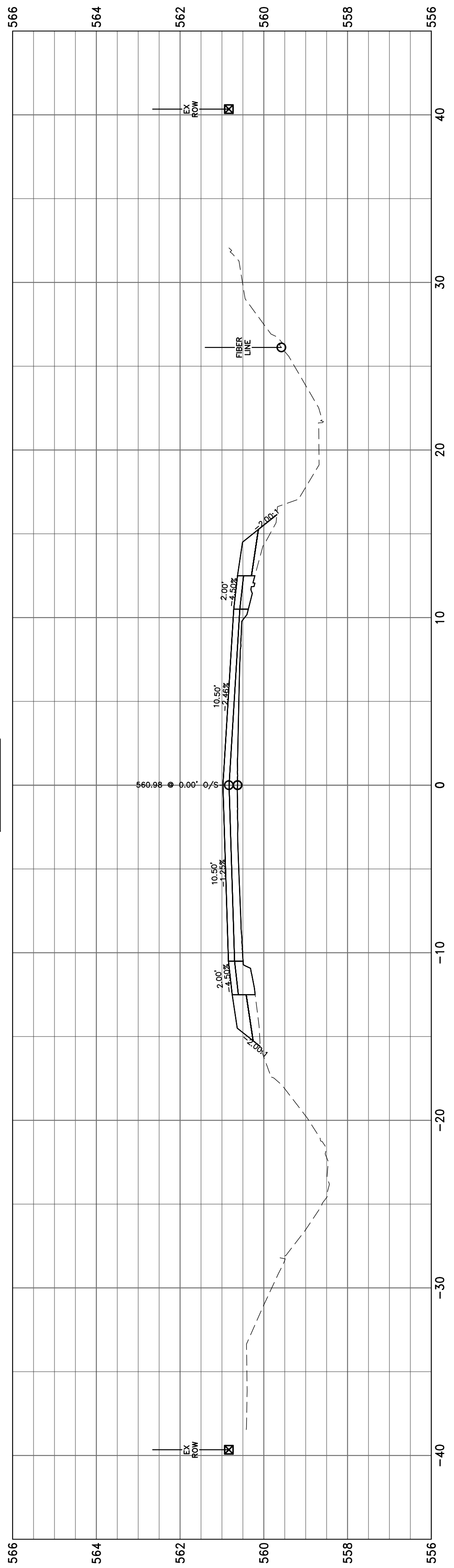
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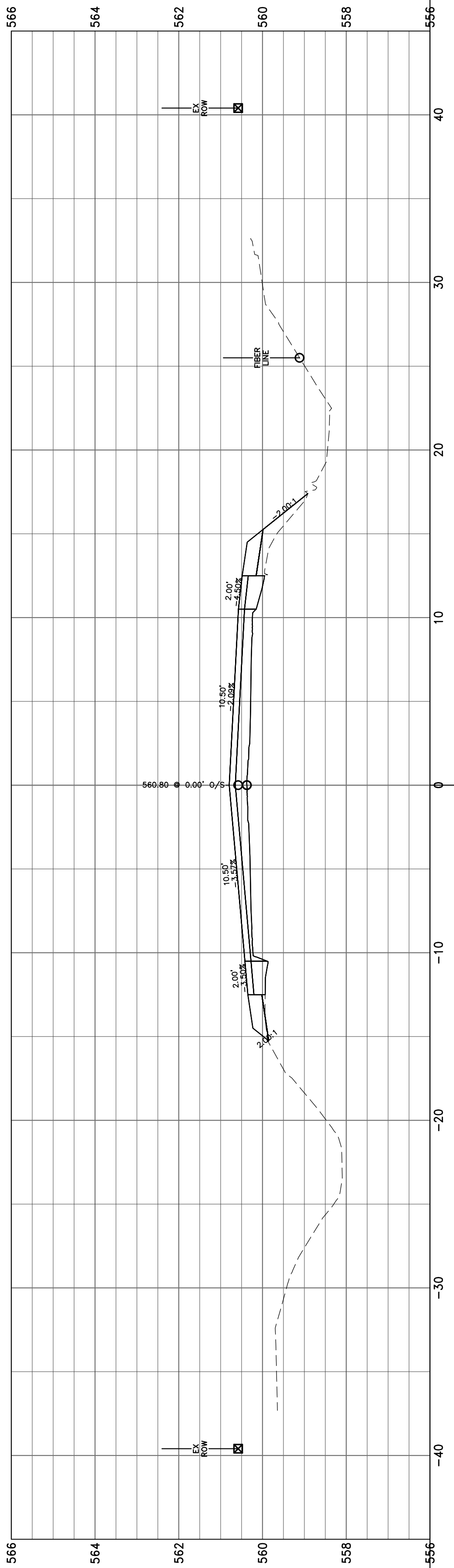
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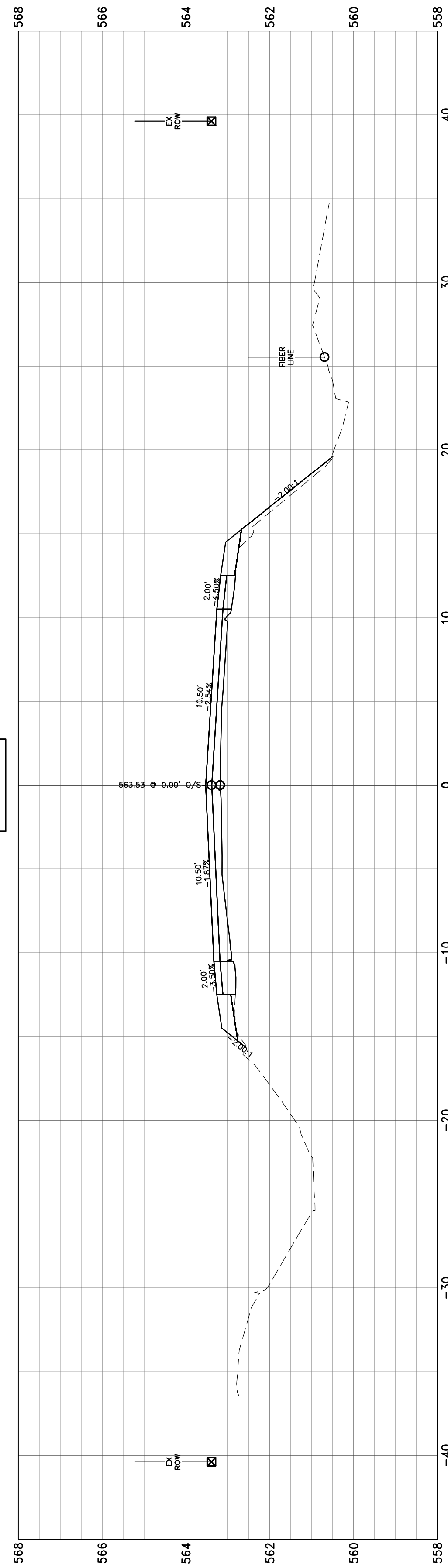
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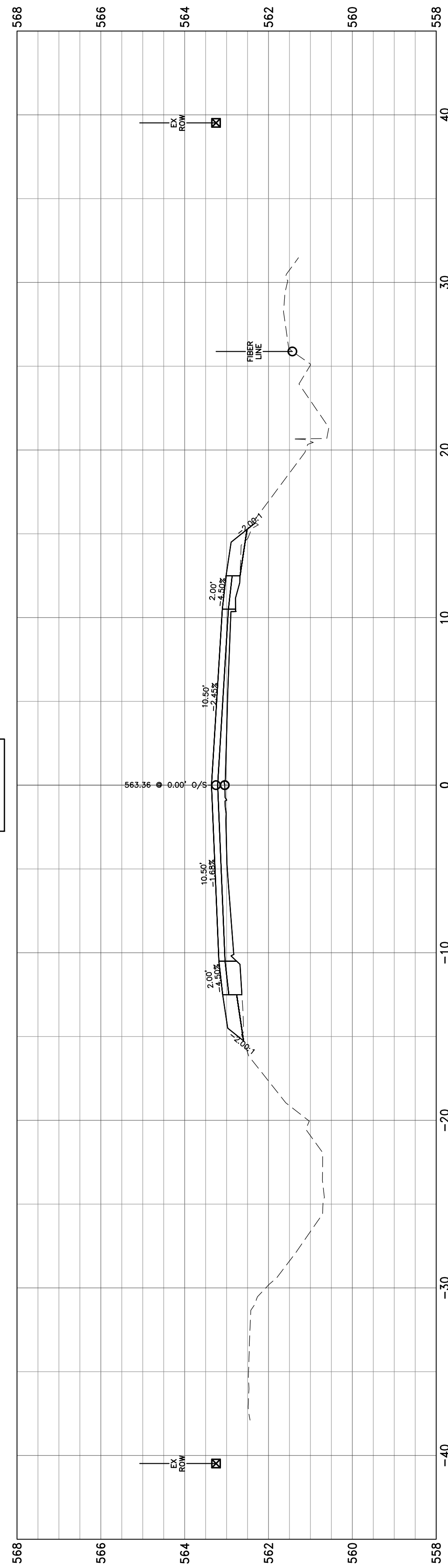
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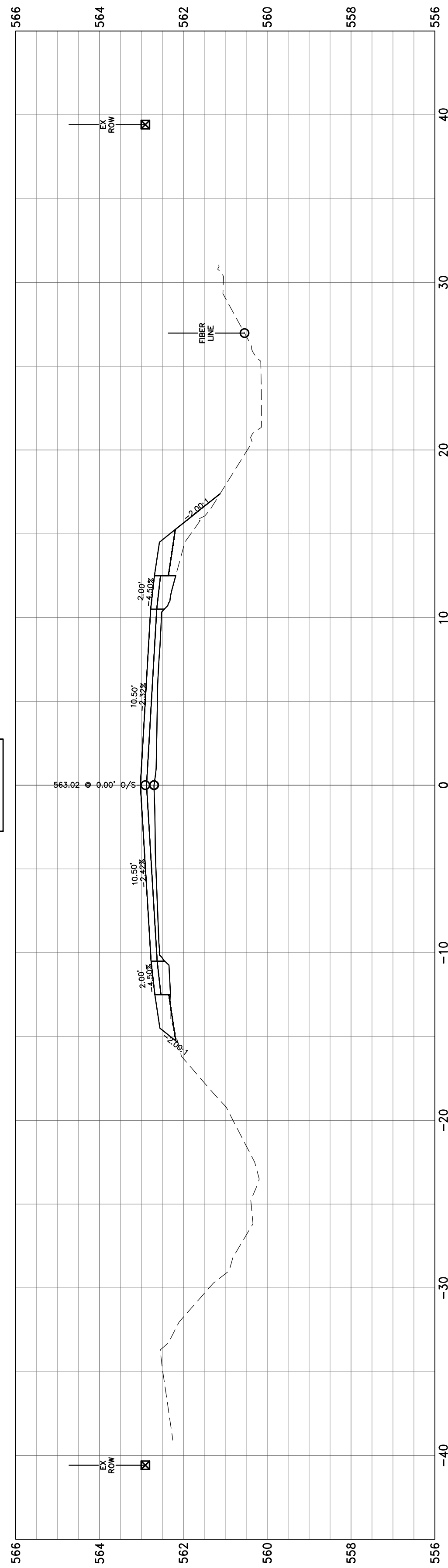
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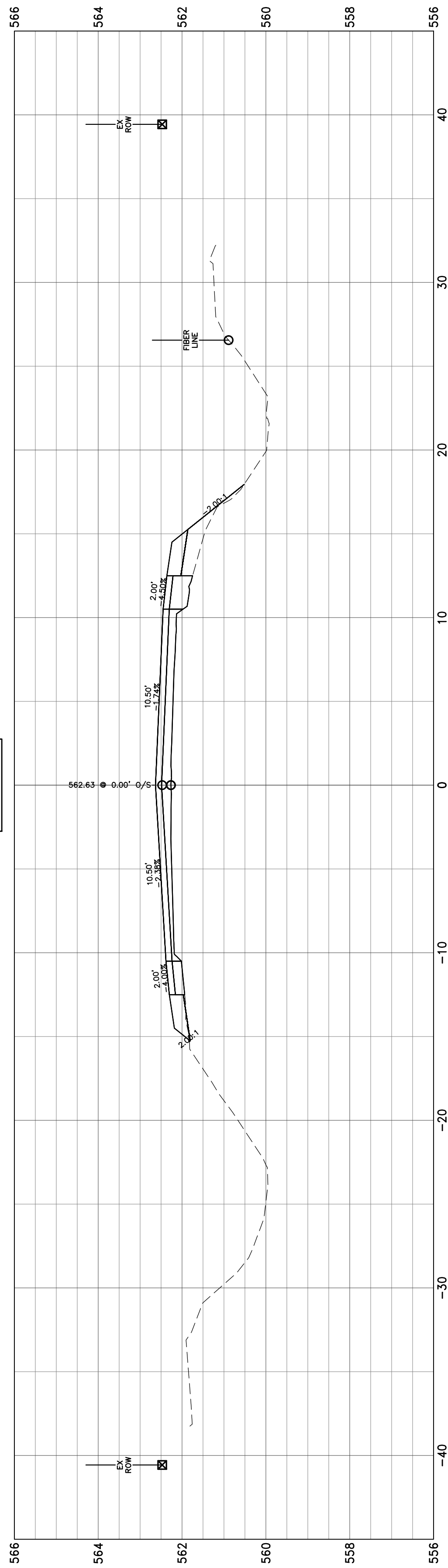
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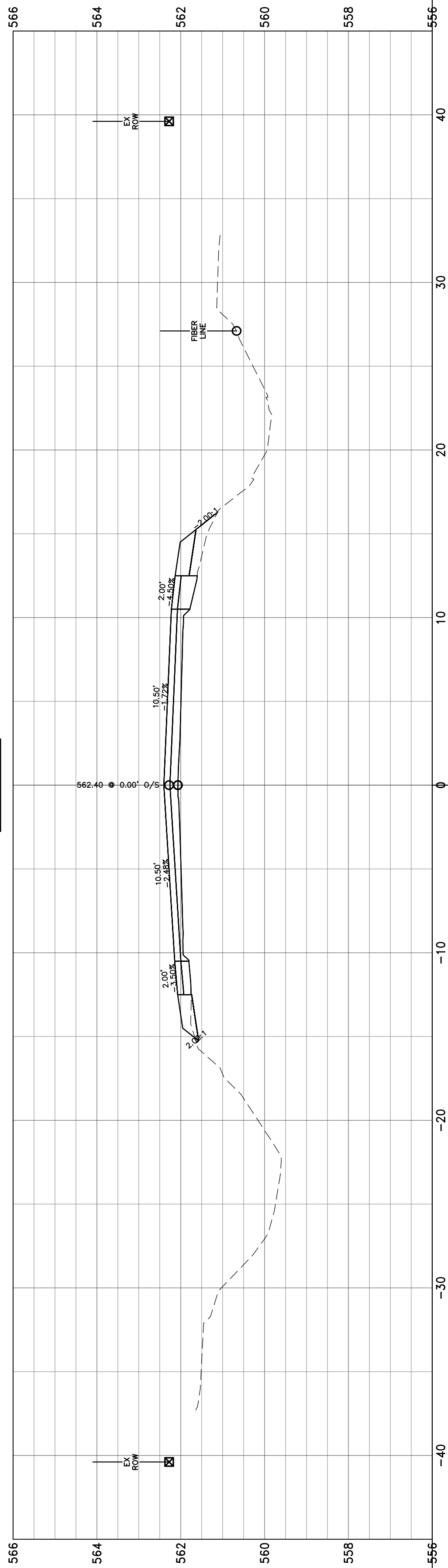
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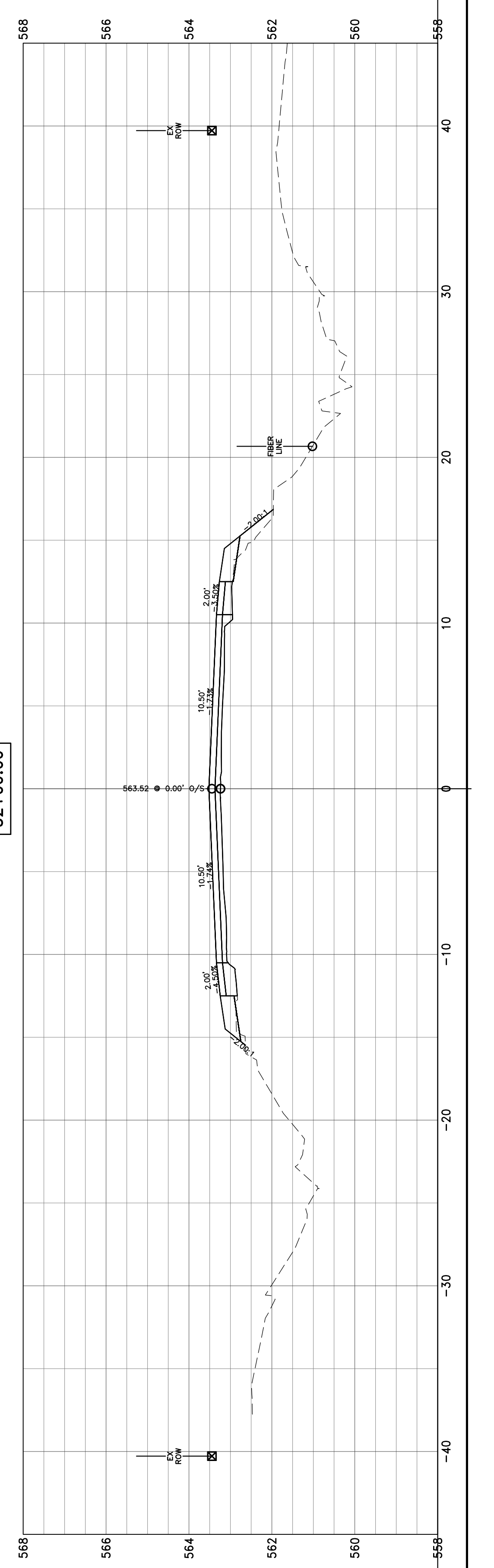
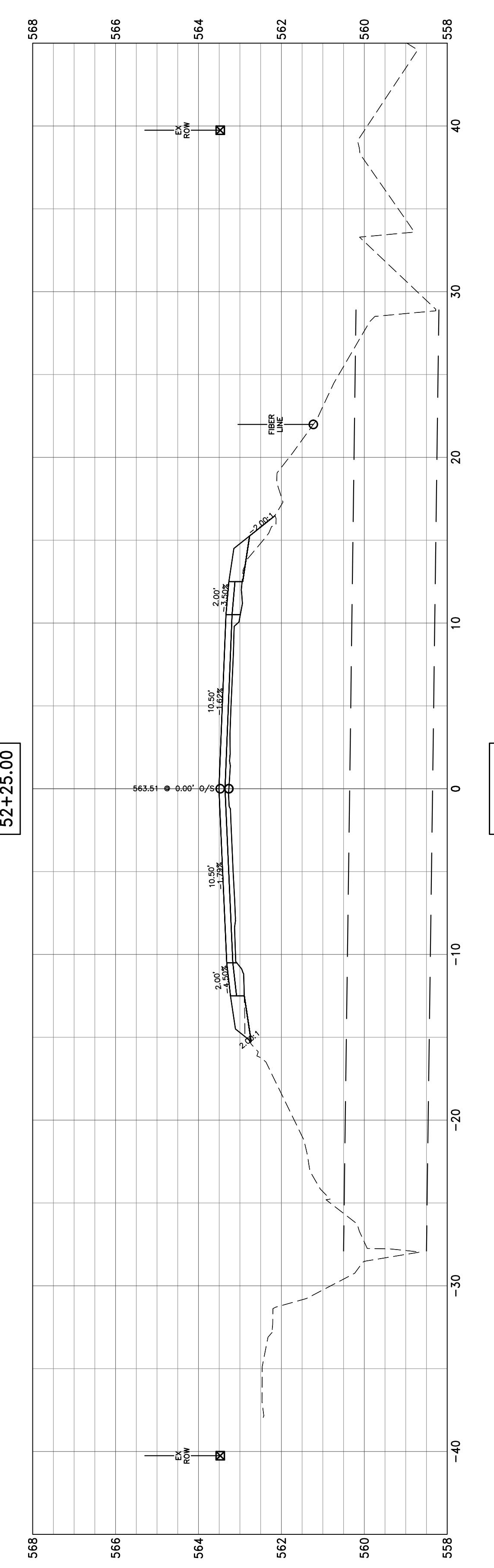
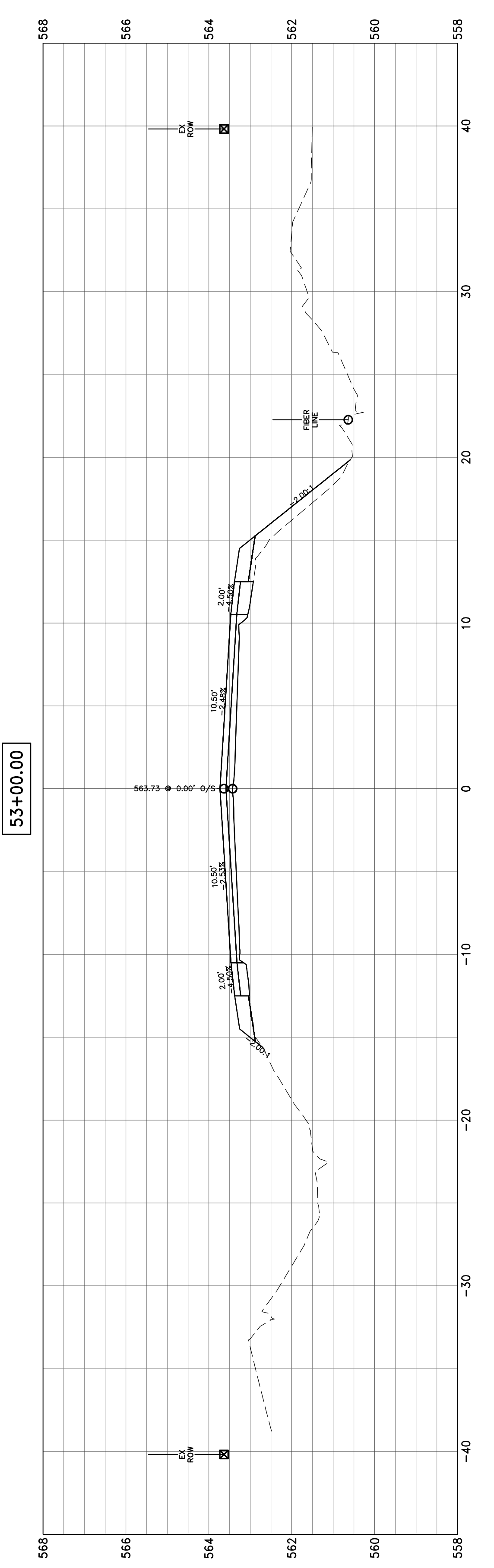
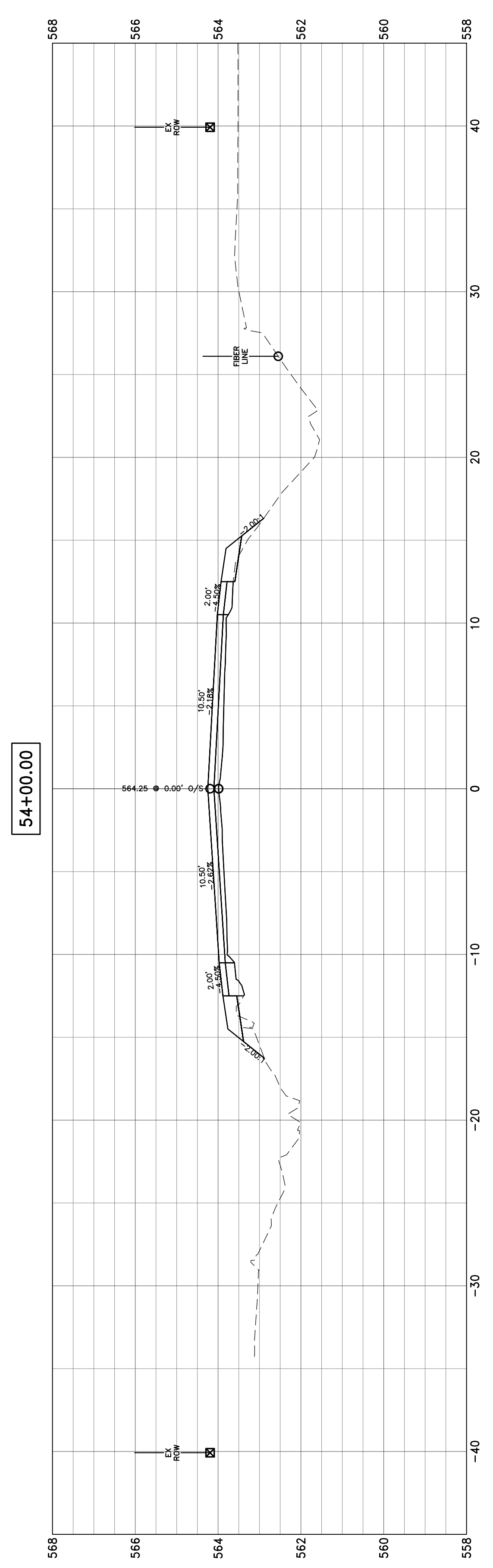
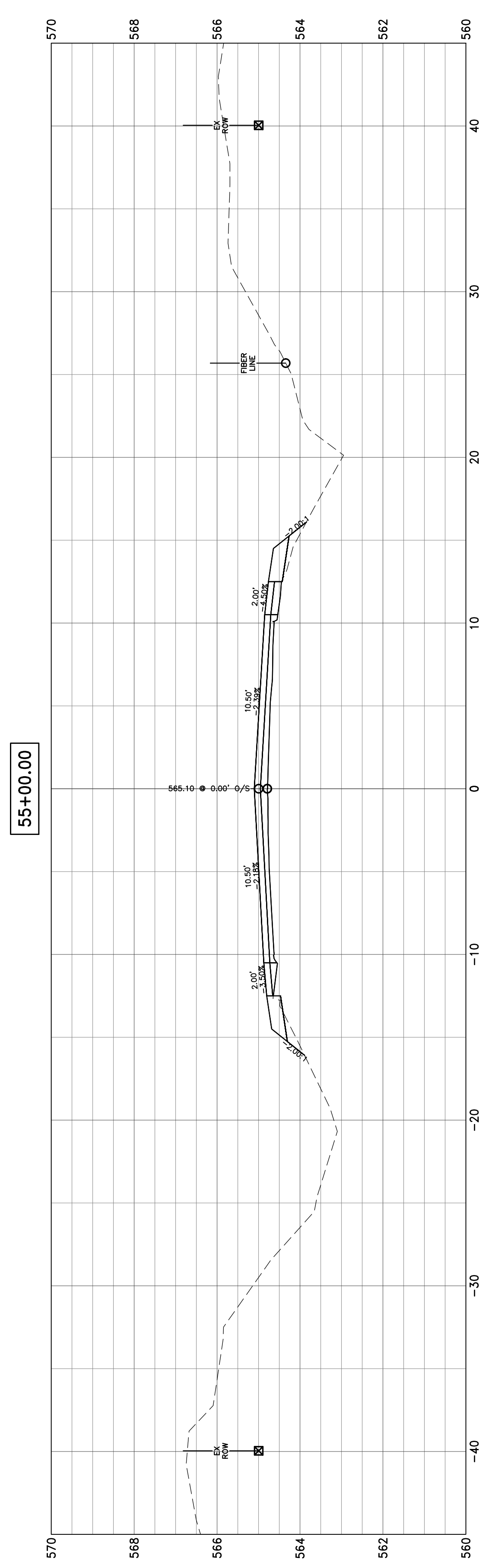


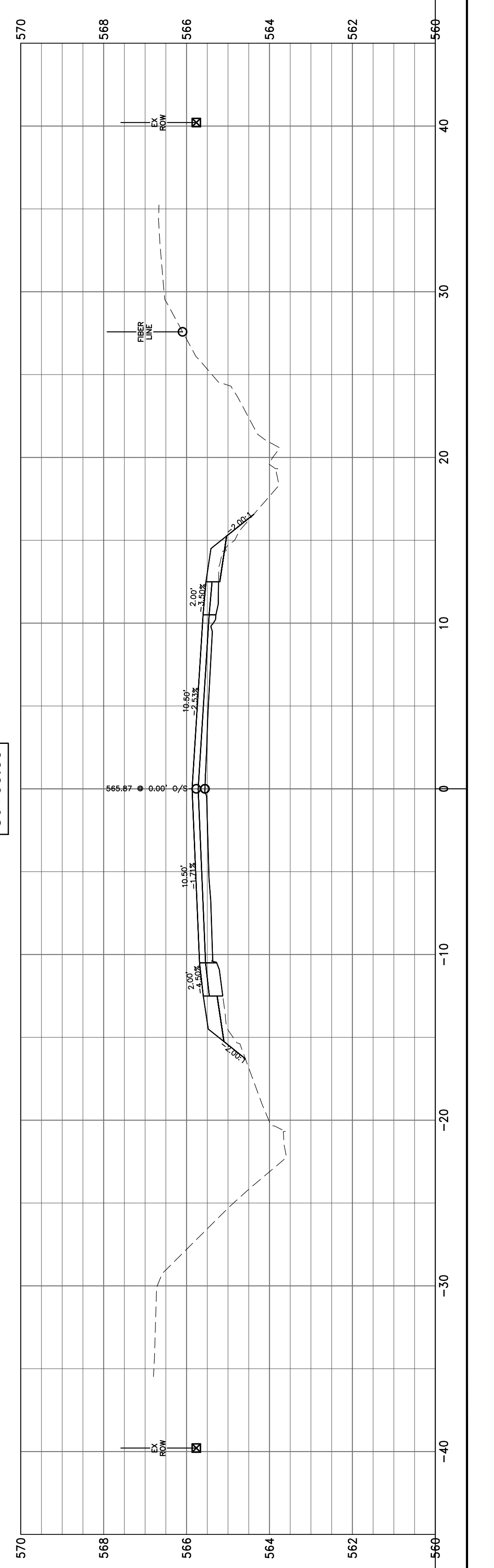
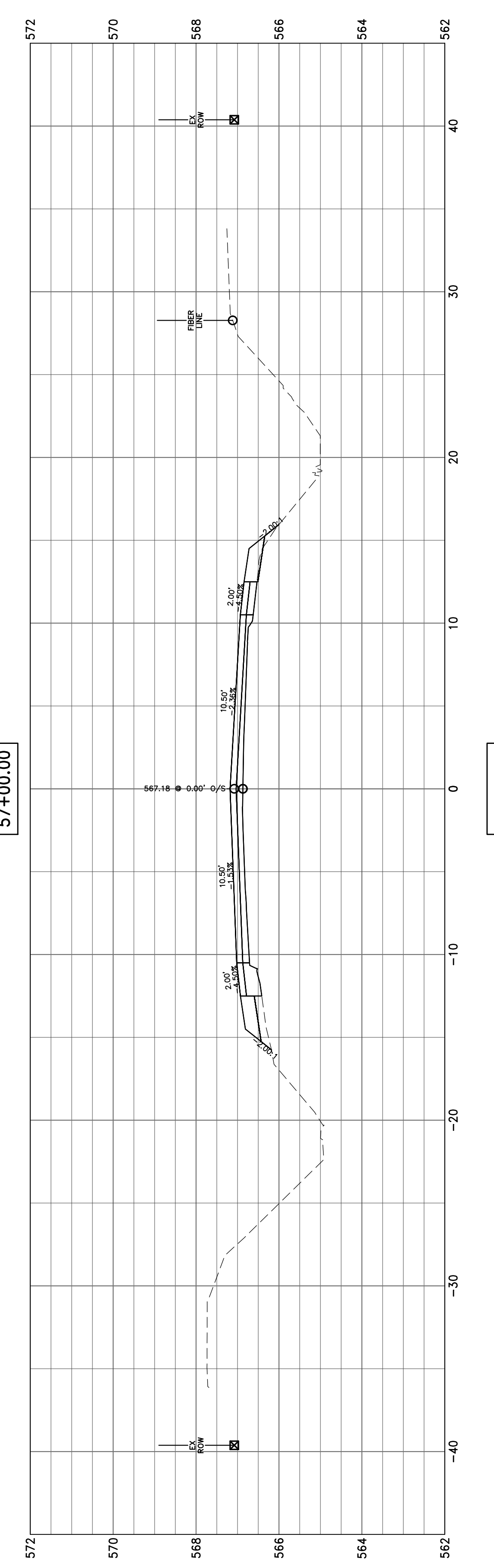
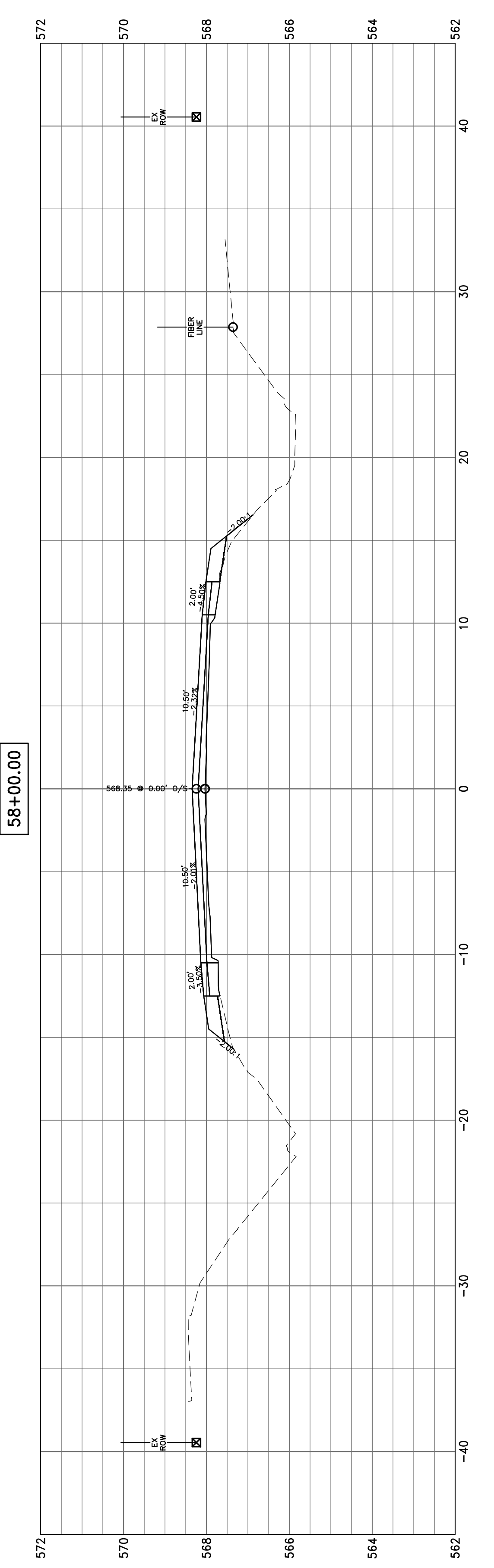
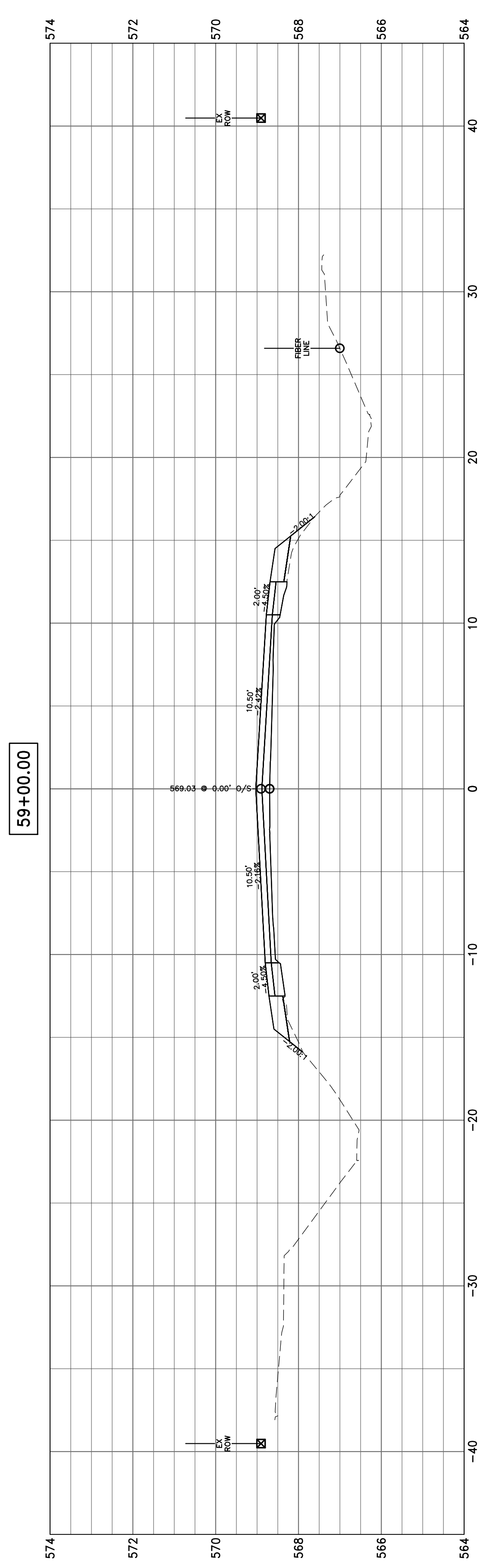
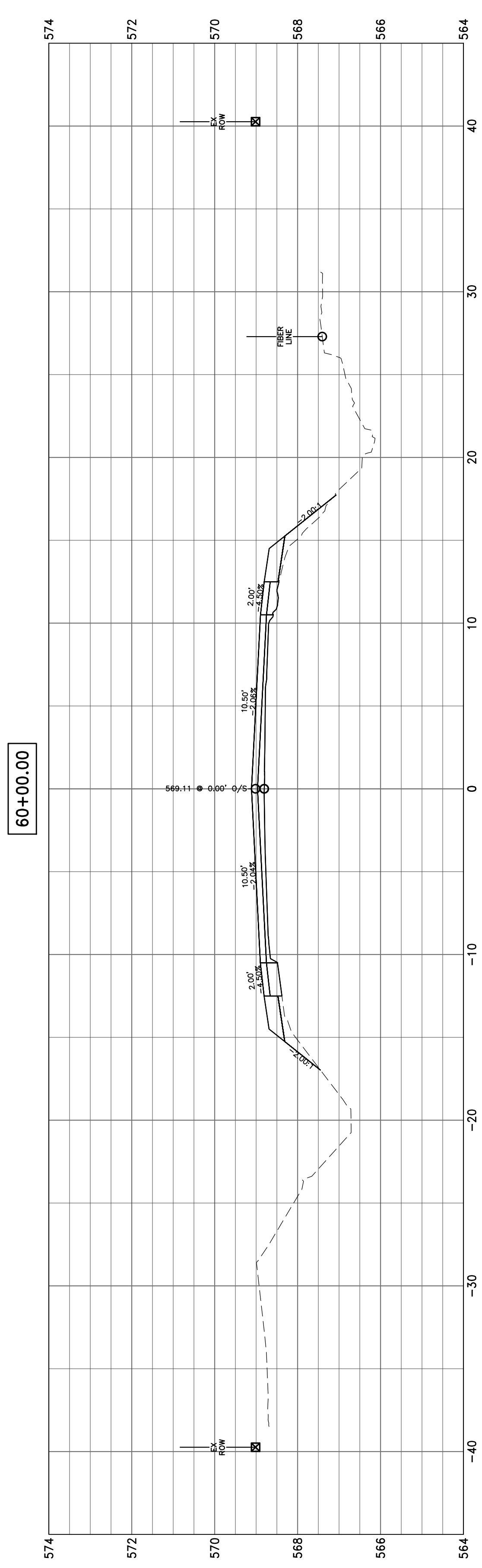
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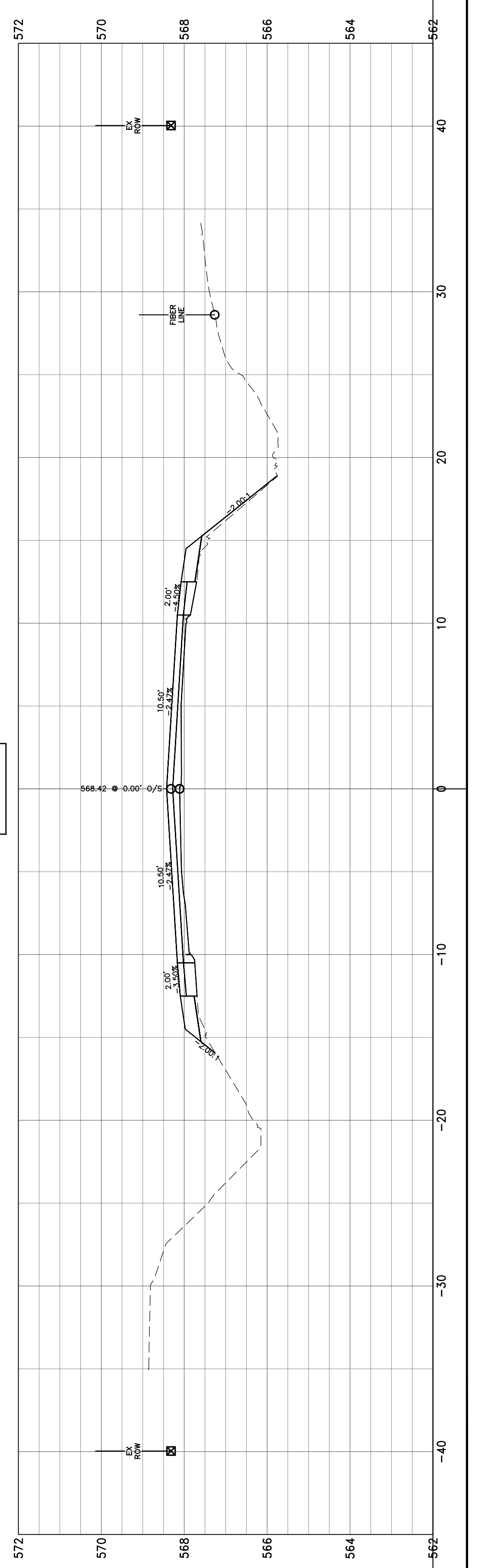
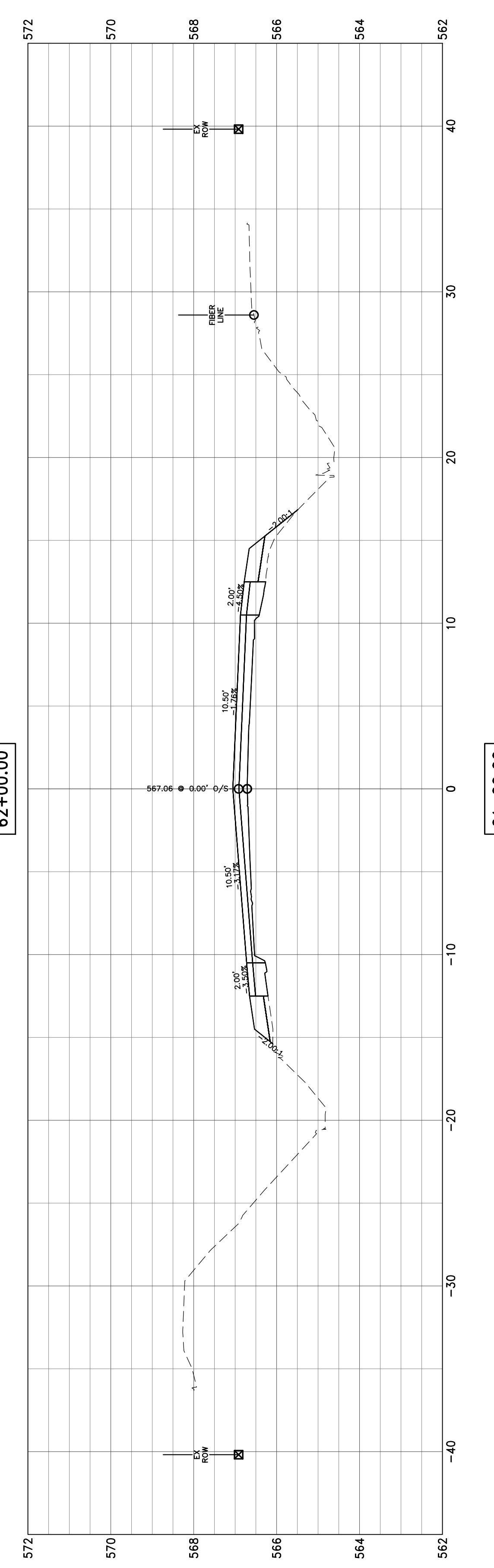
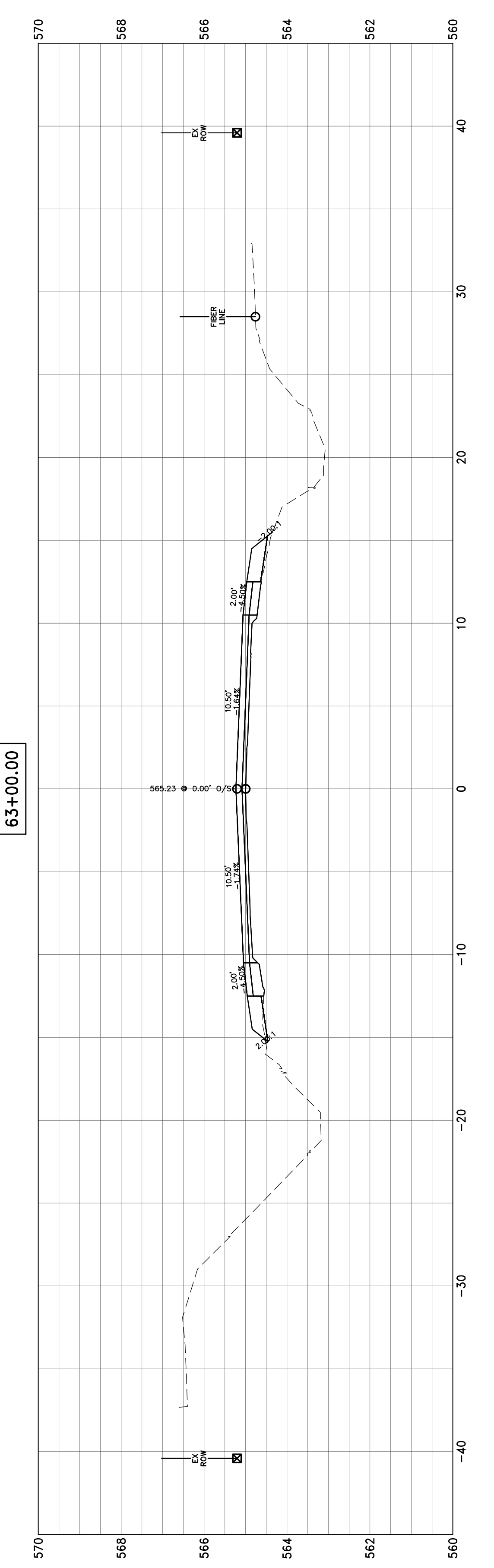
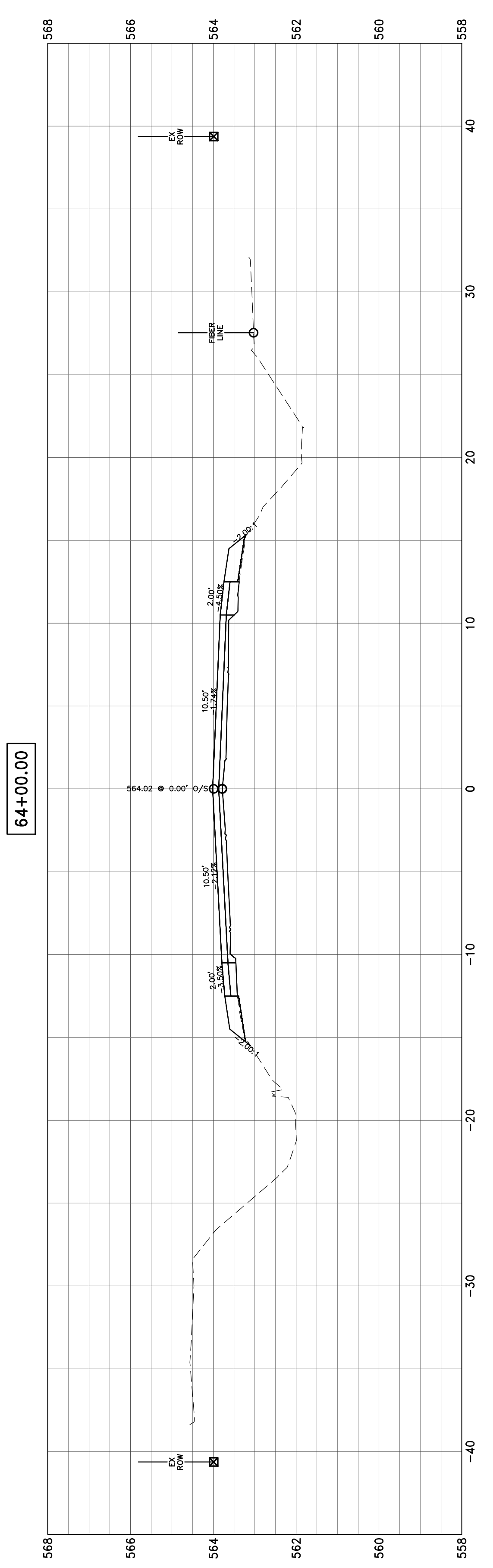
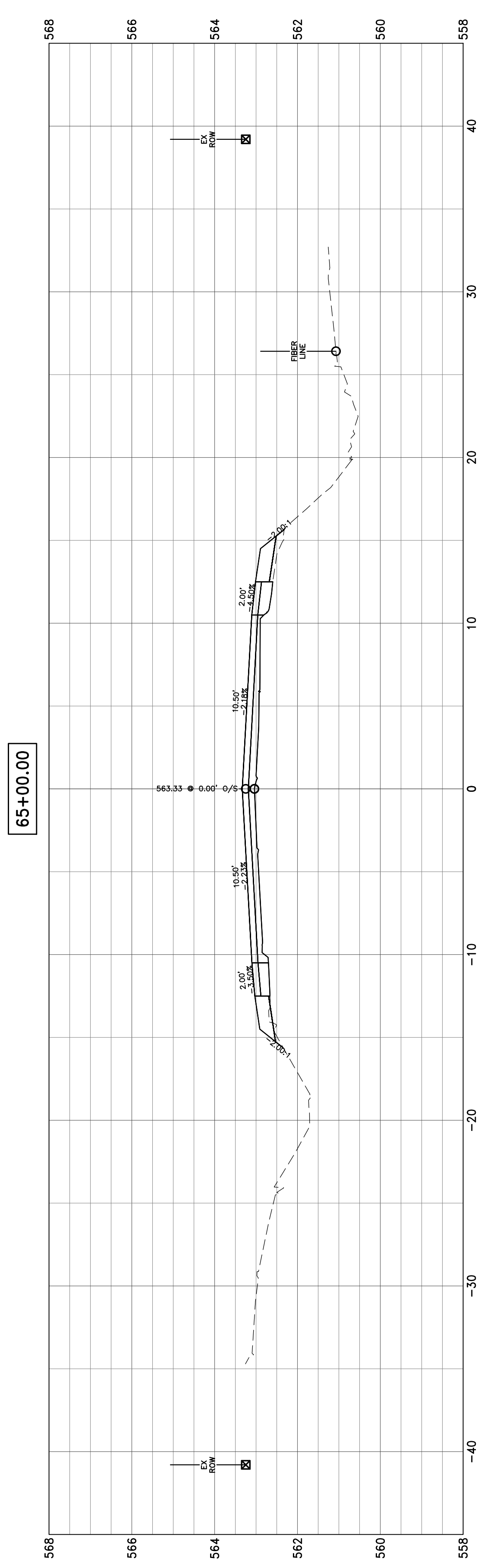


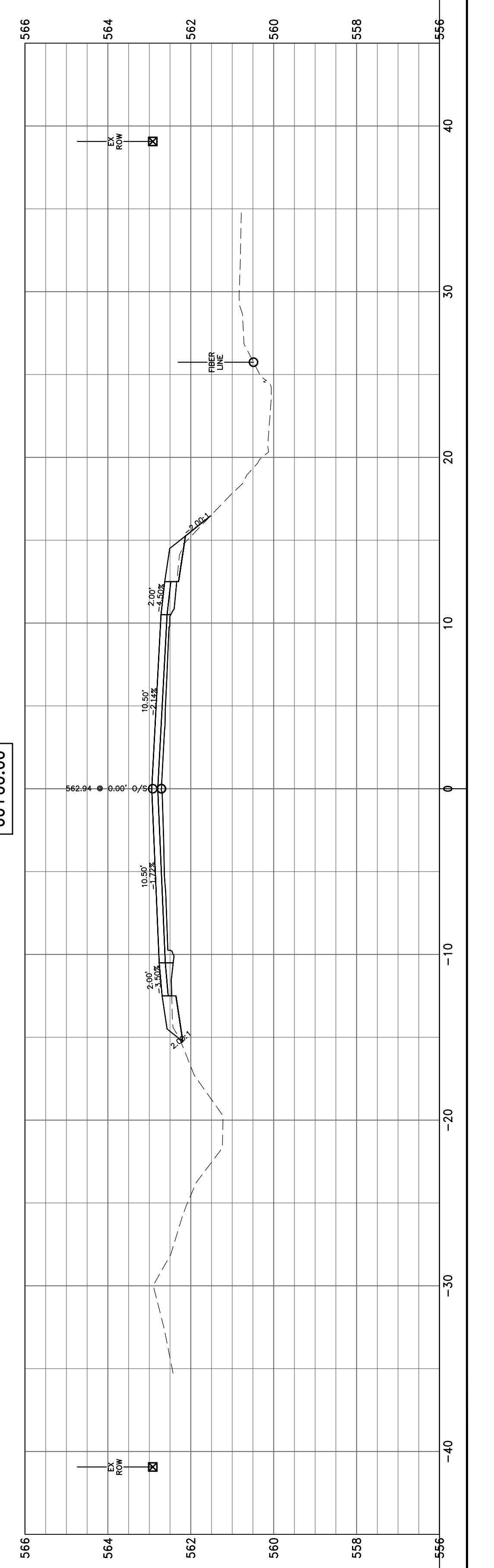
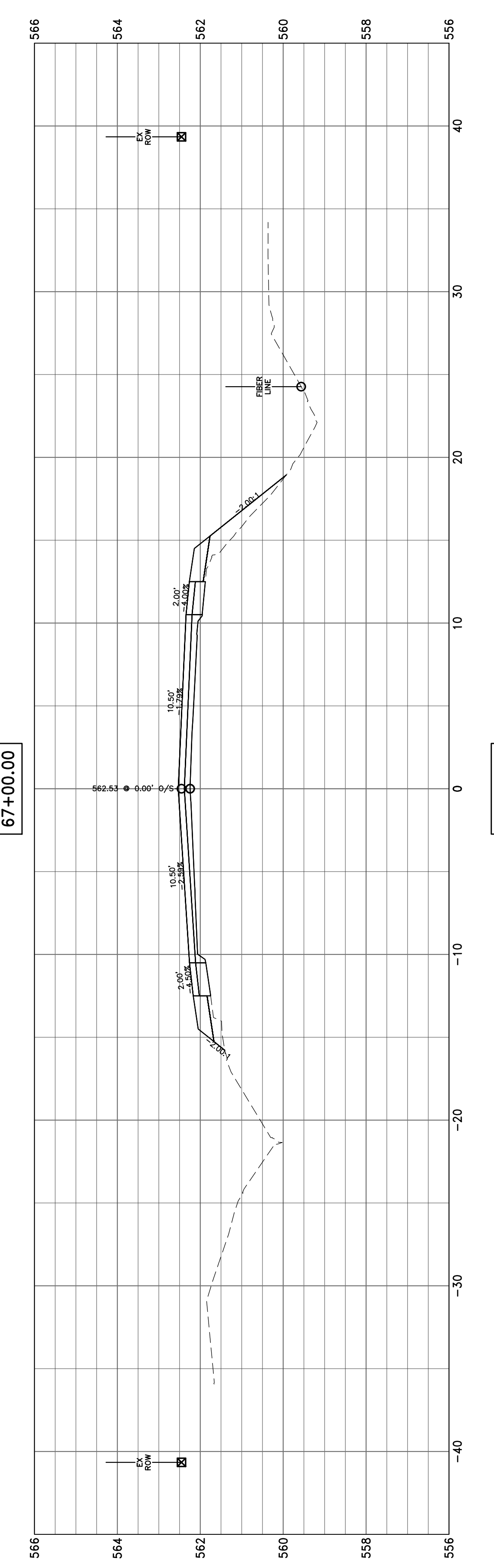
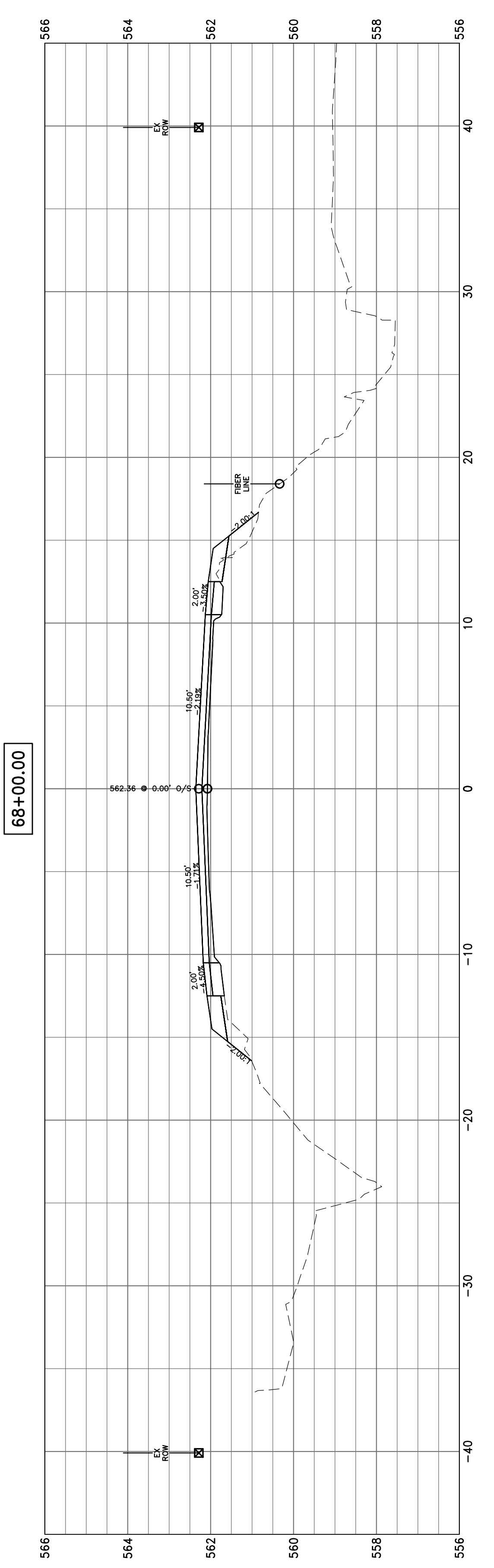
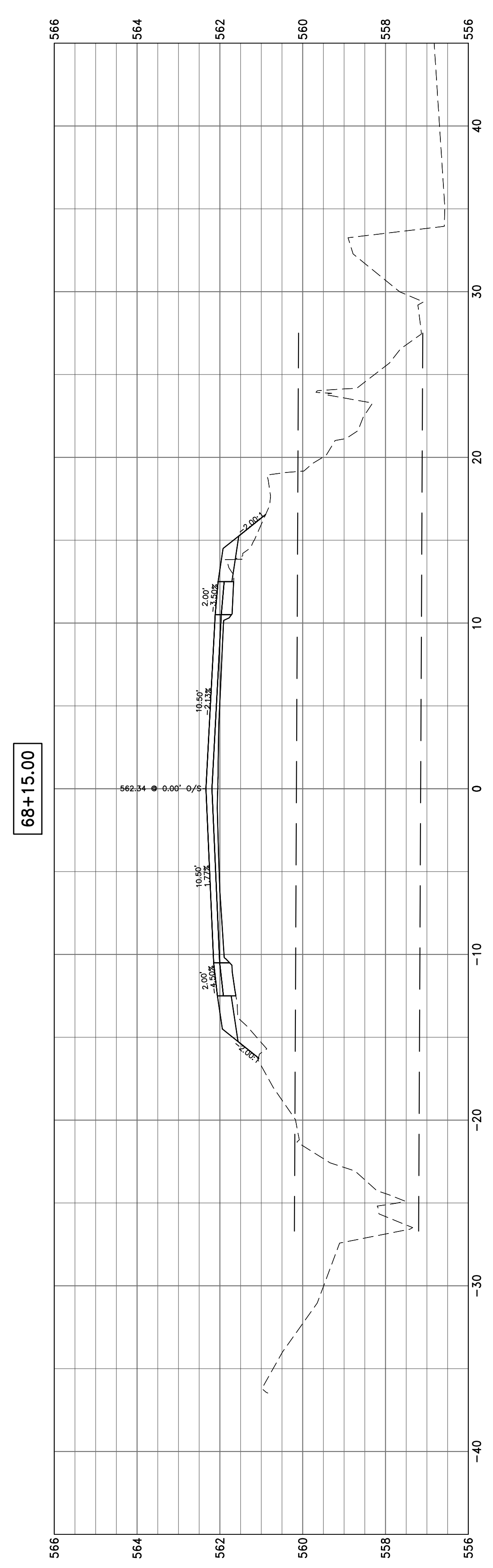
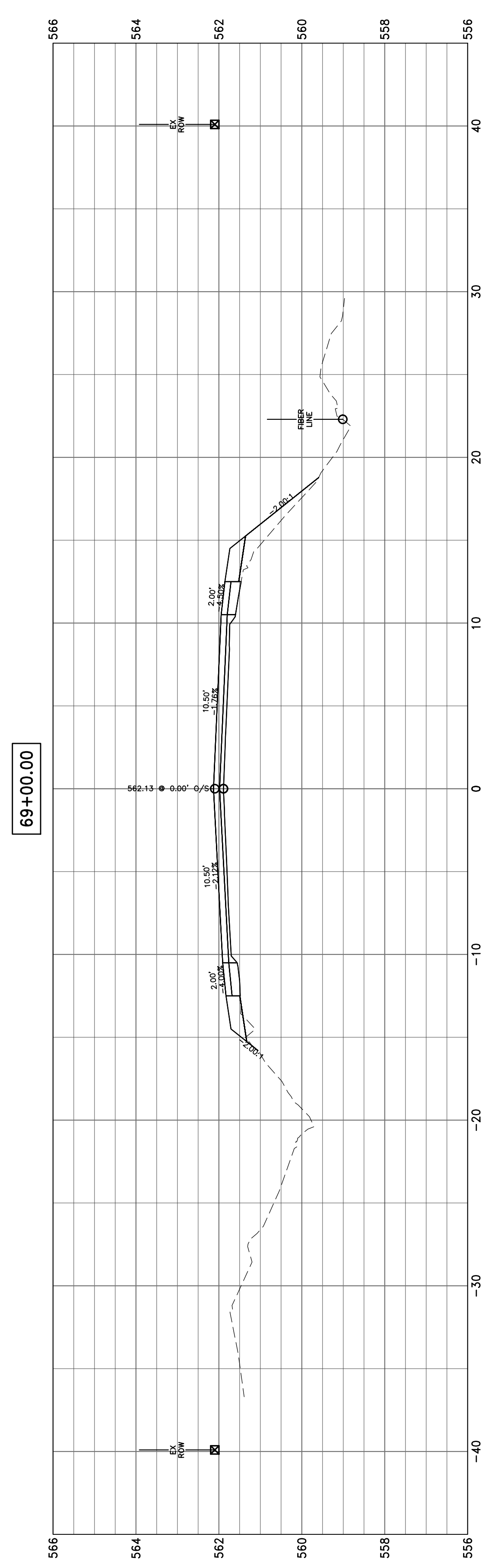
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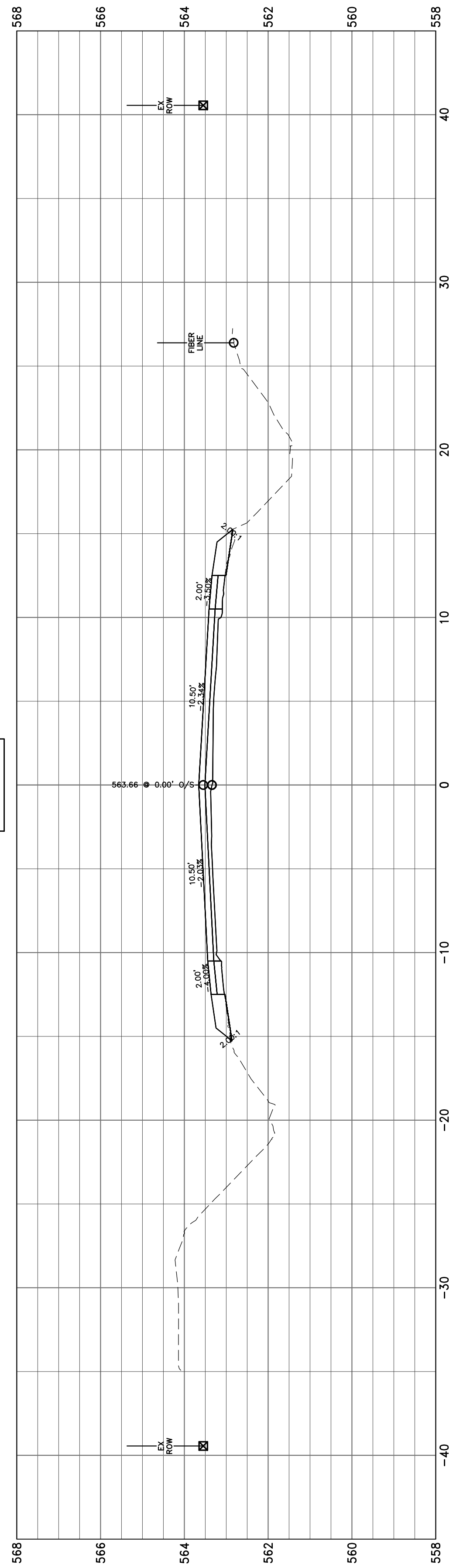




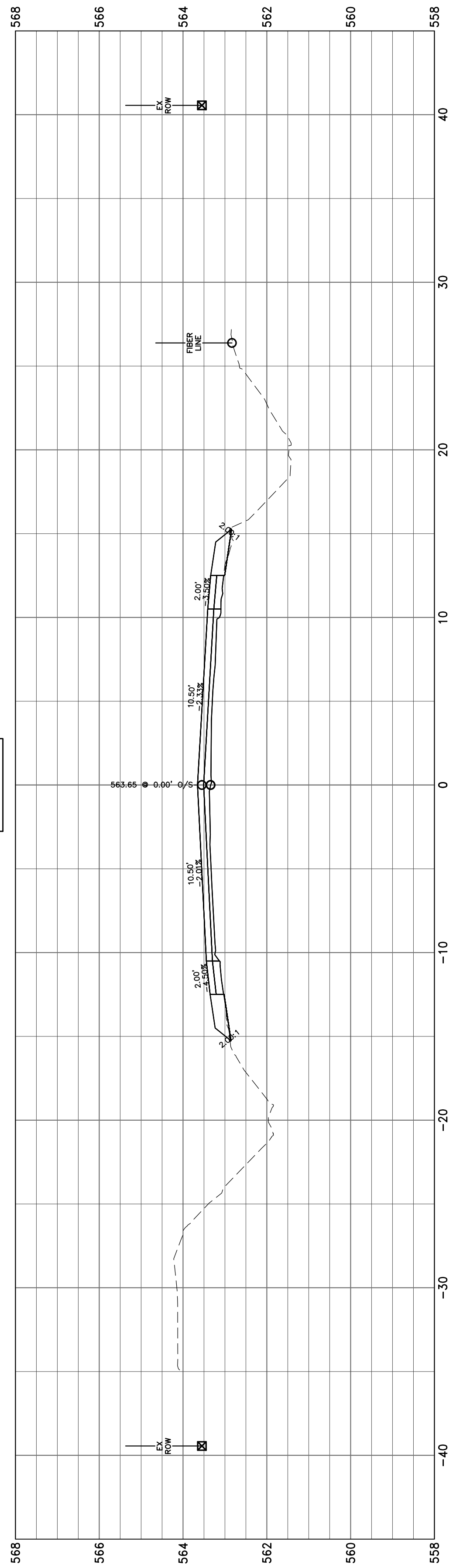




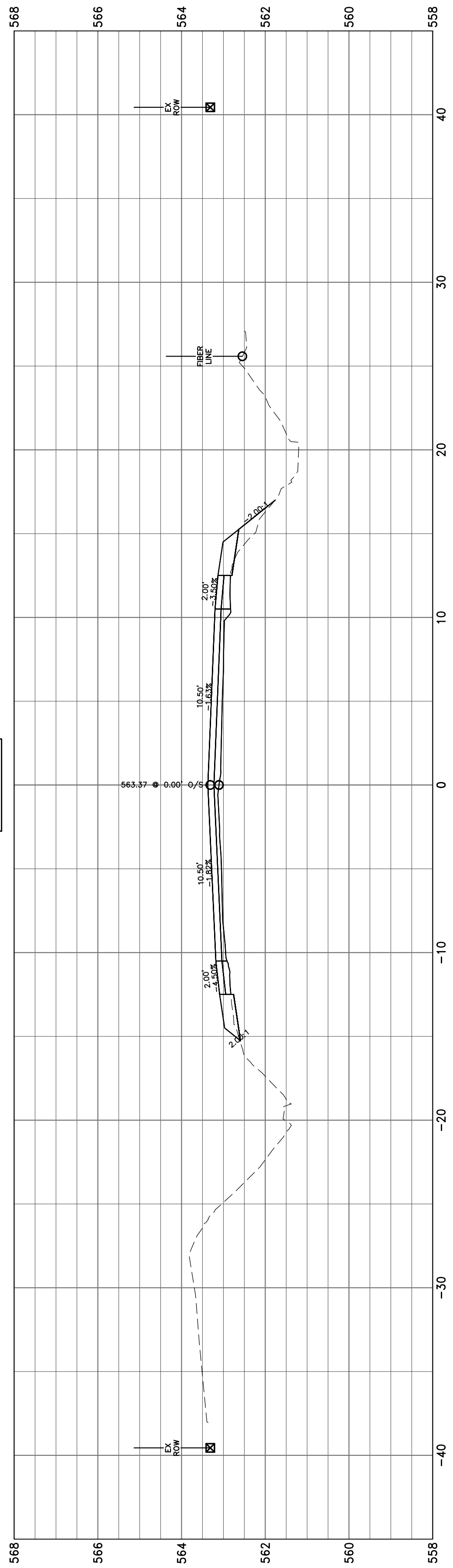
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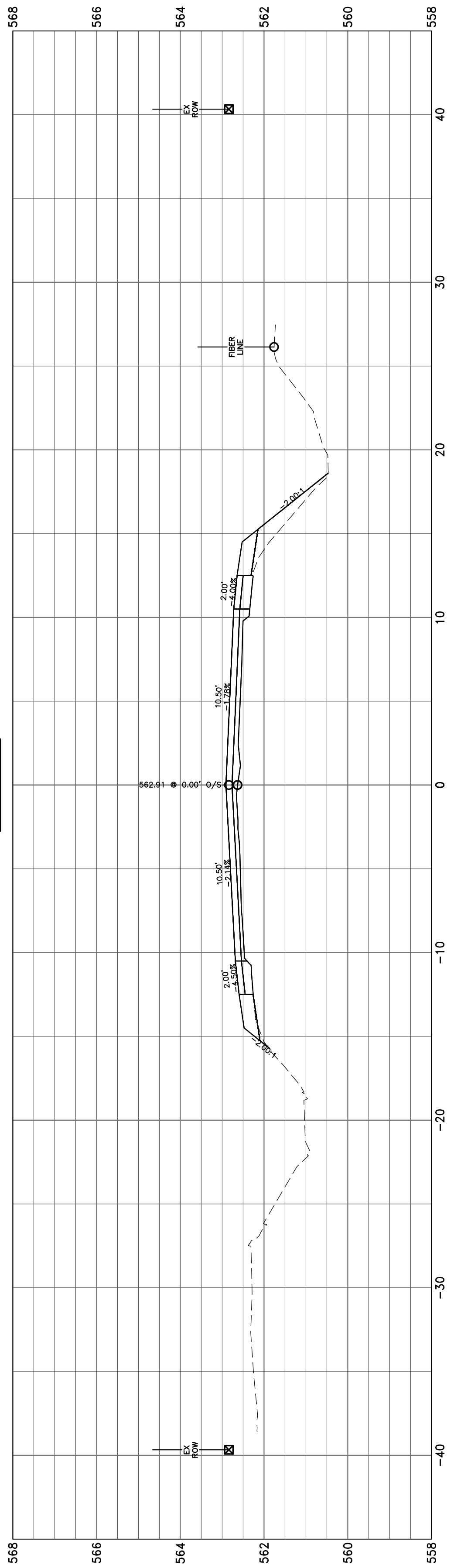
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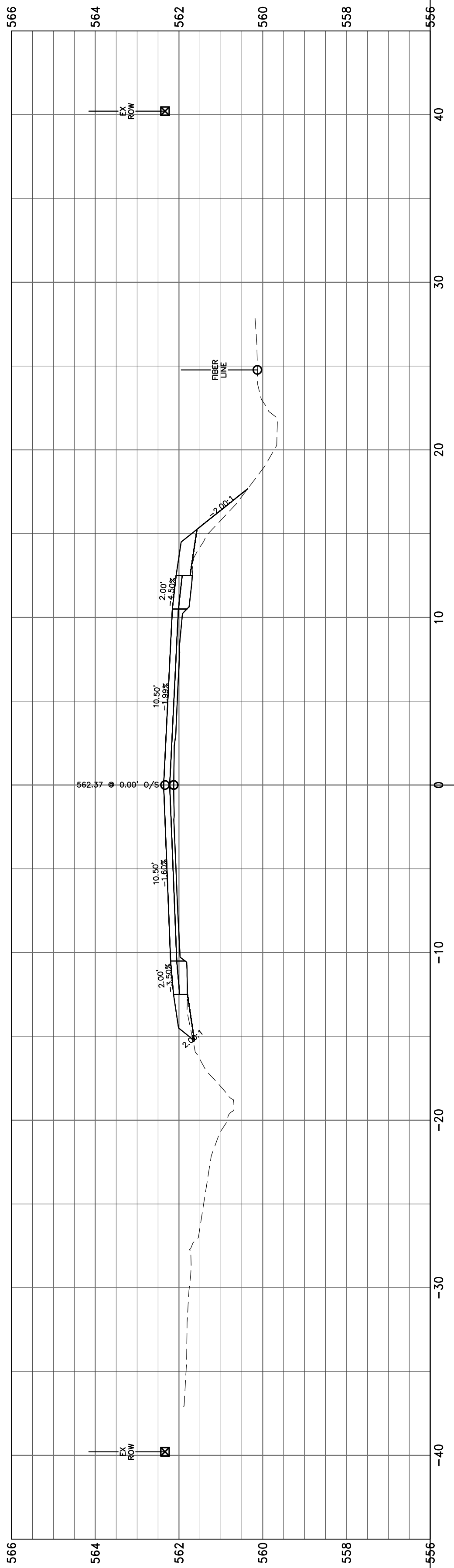
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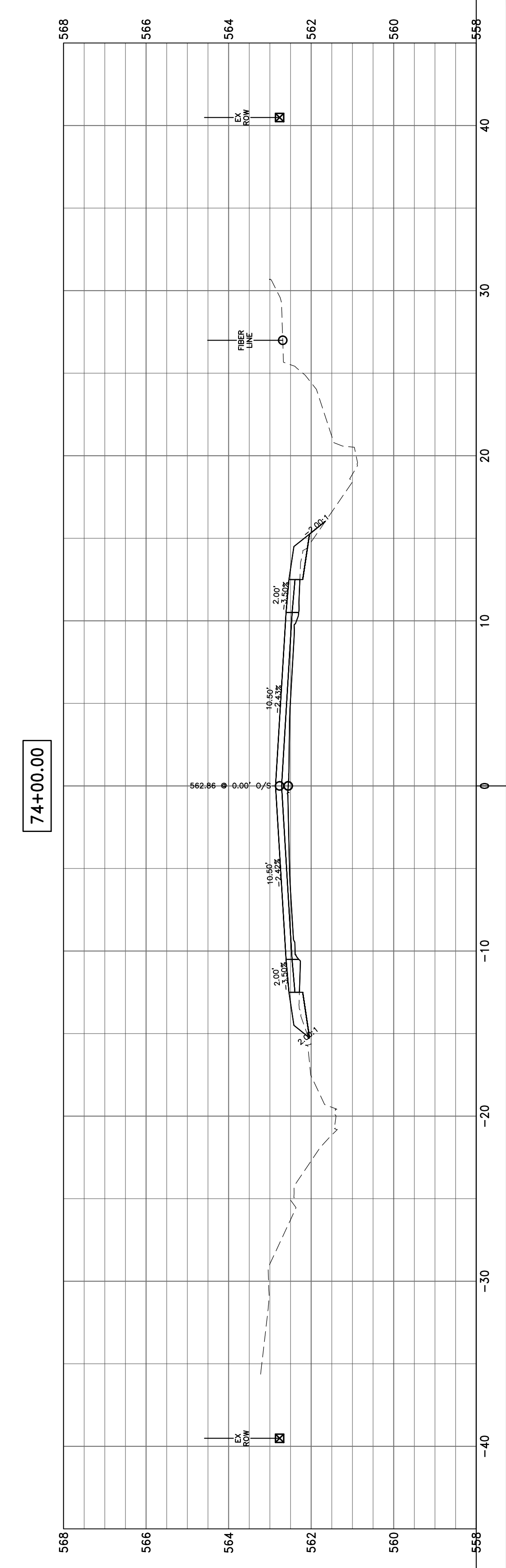
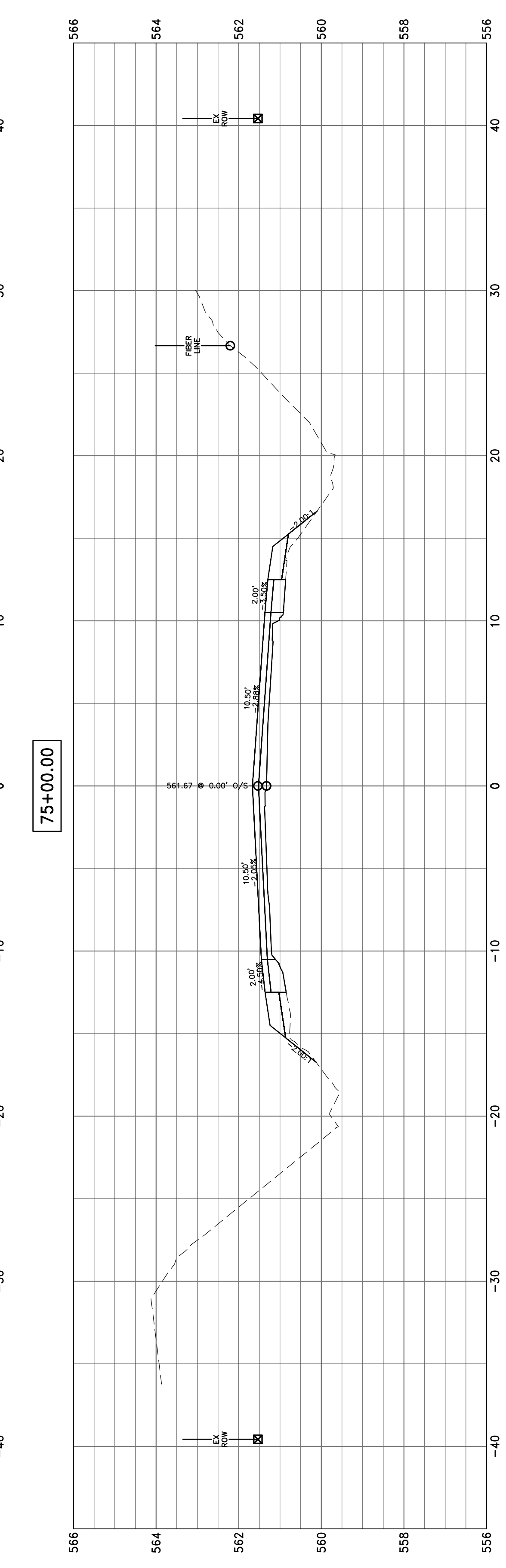
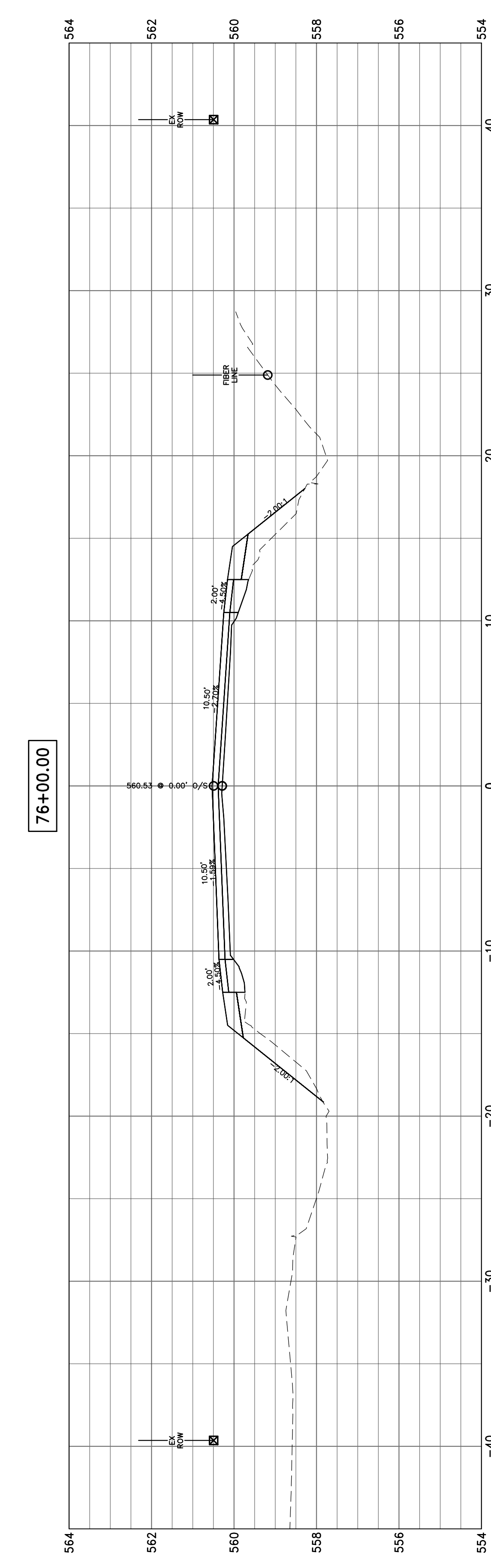
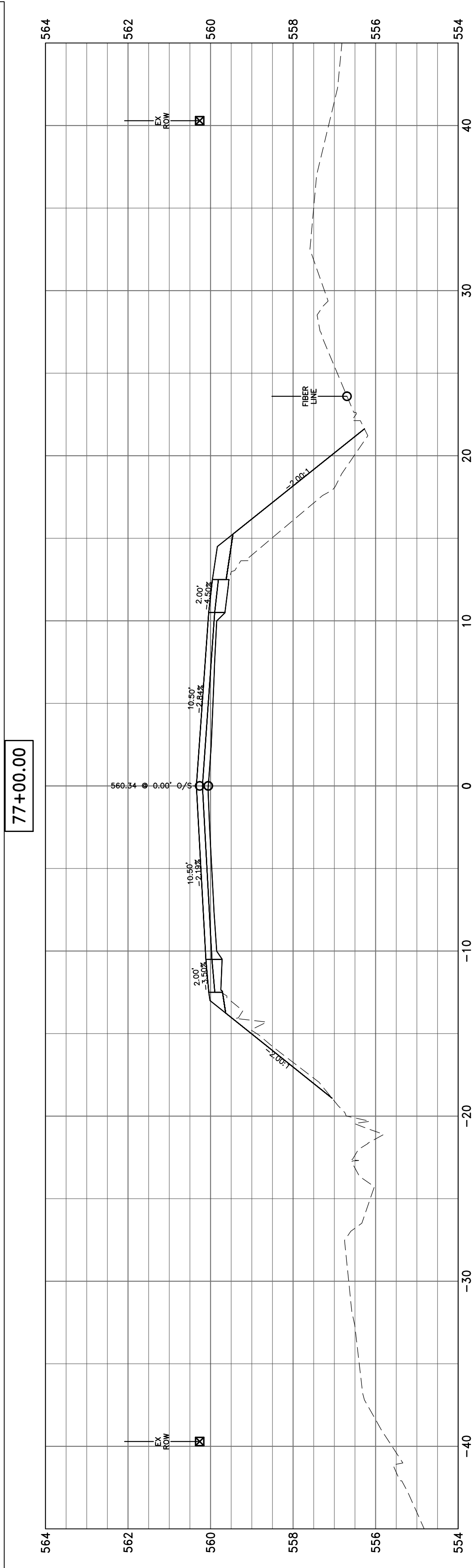
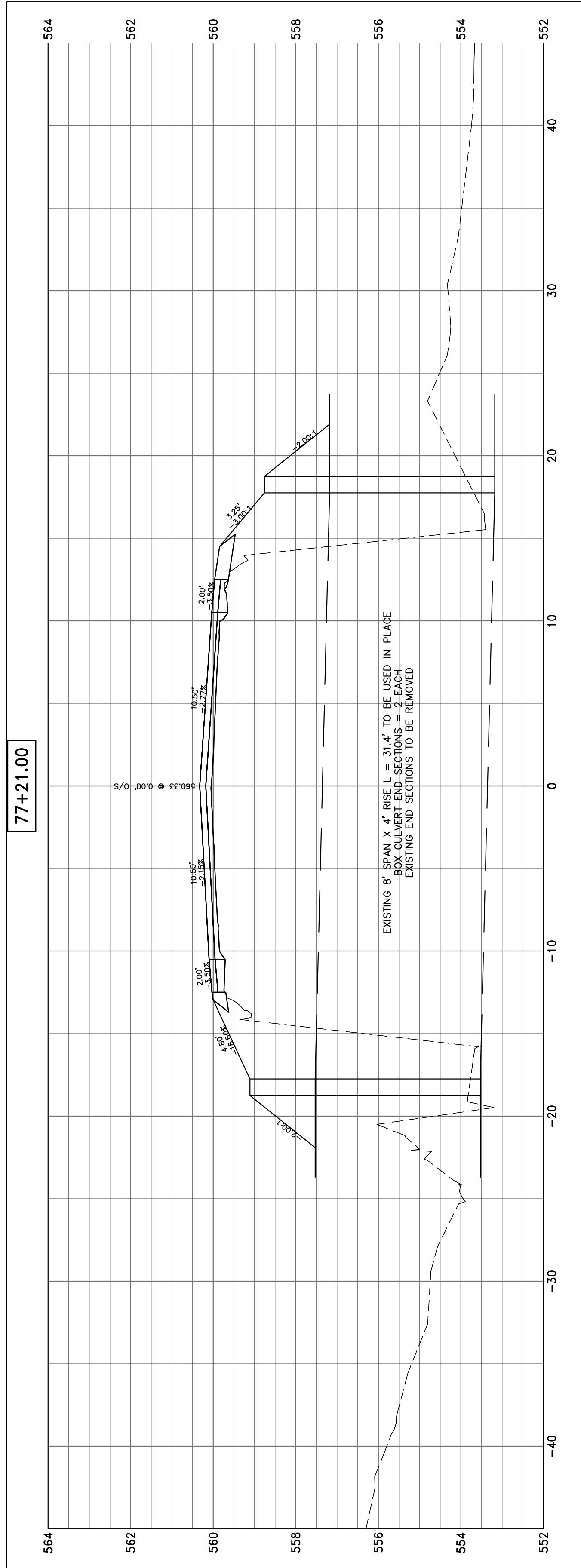


71+00.00

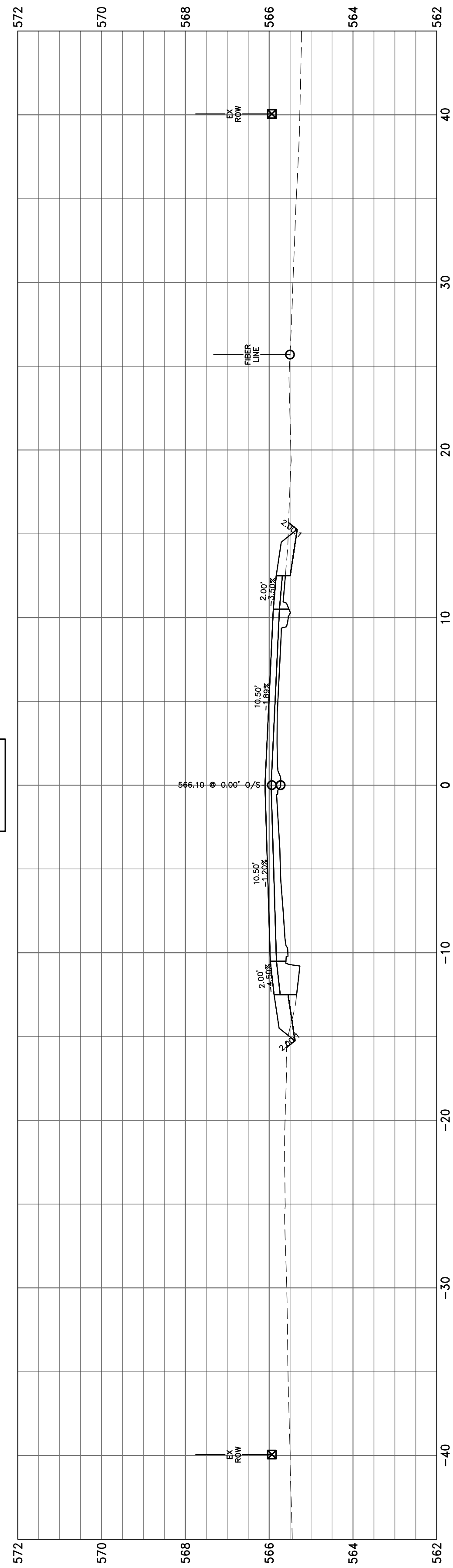


70+00.00

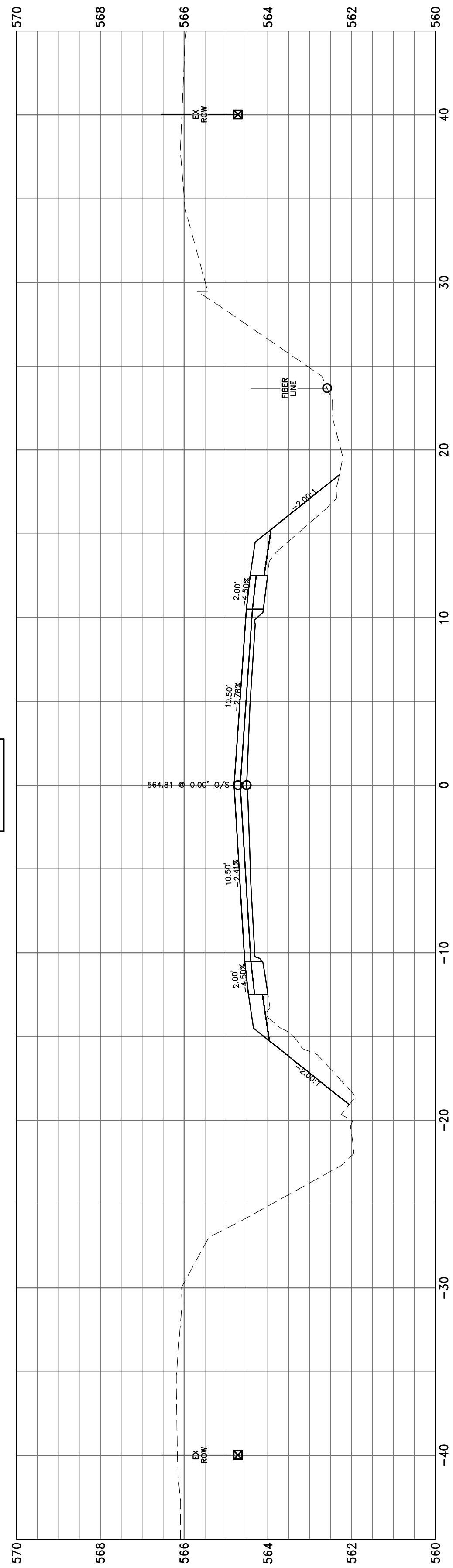




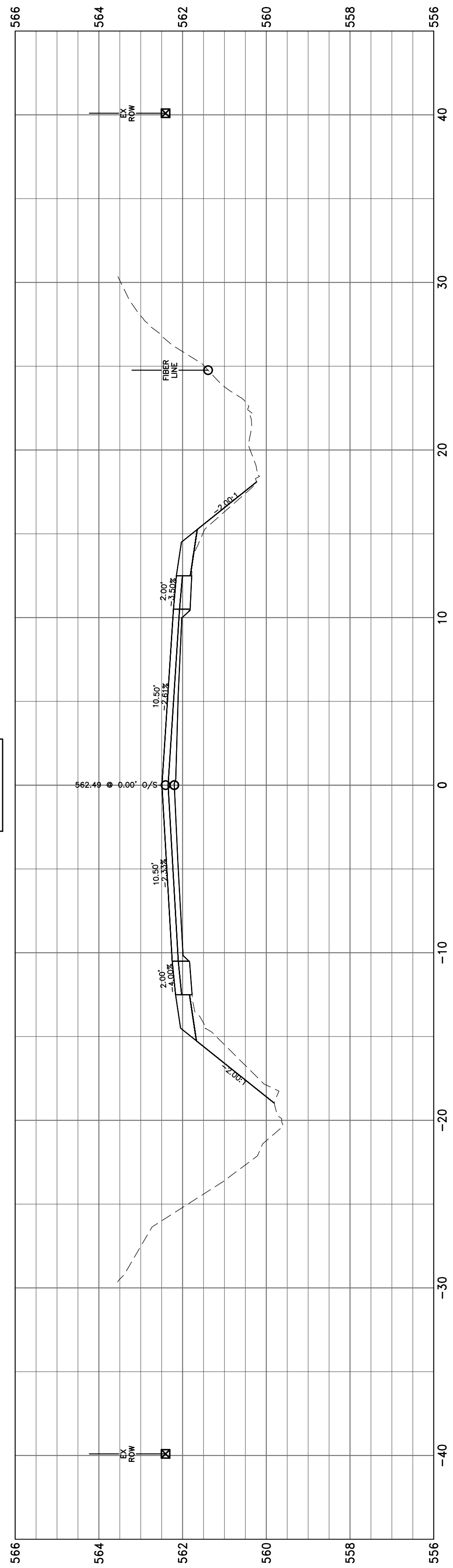
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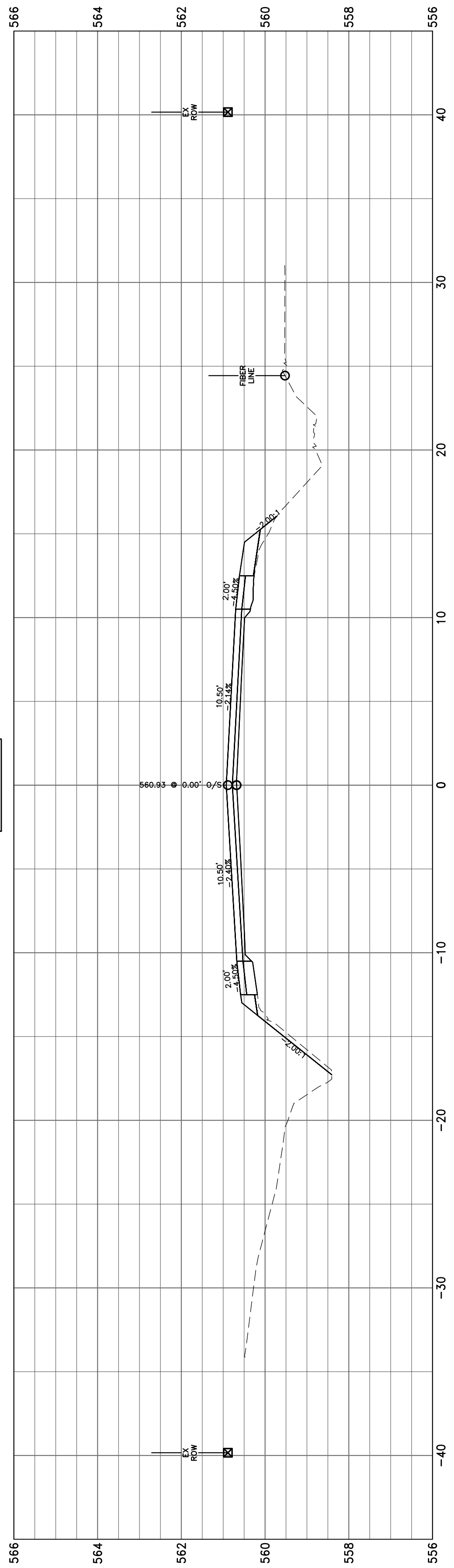
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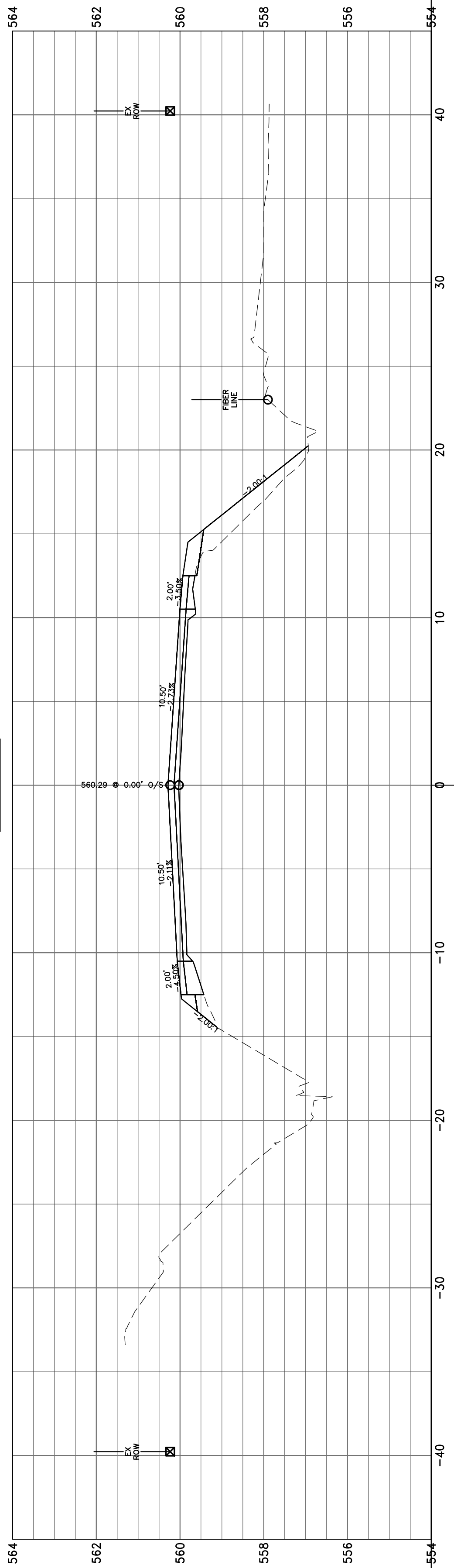
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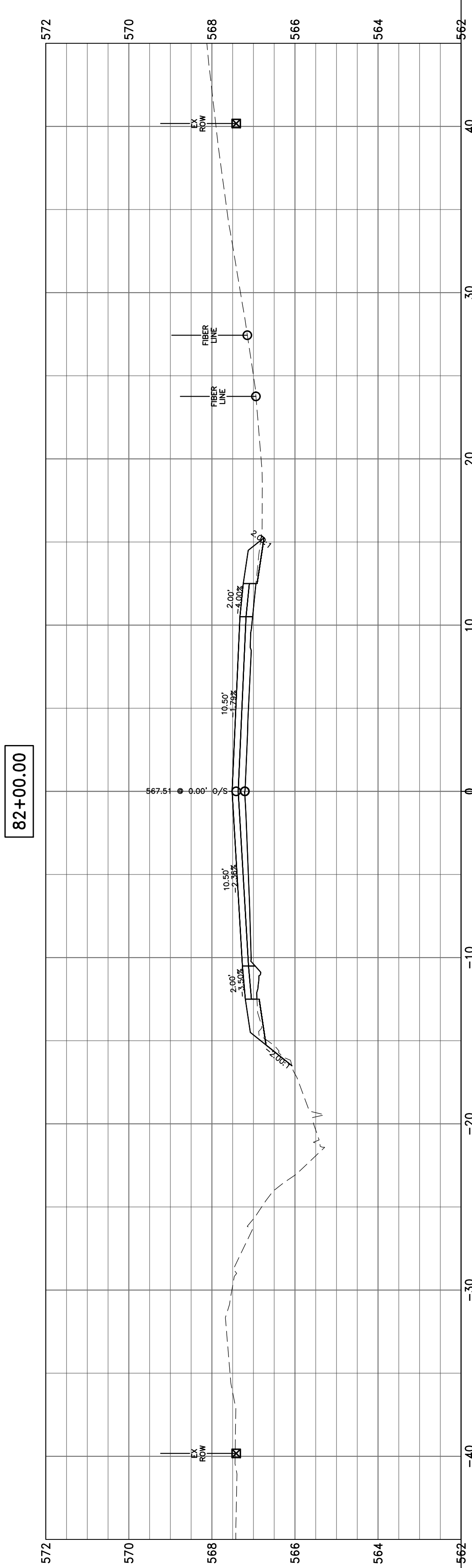
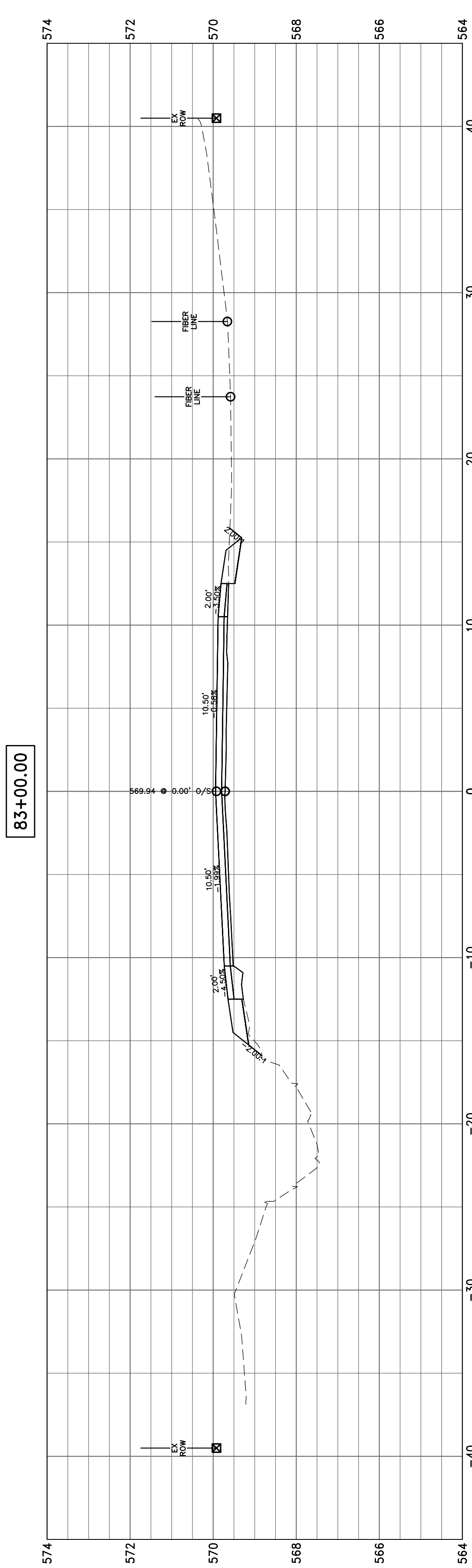
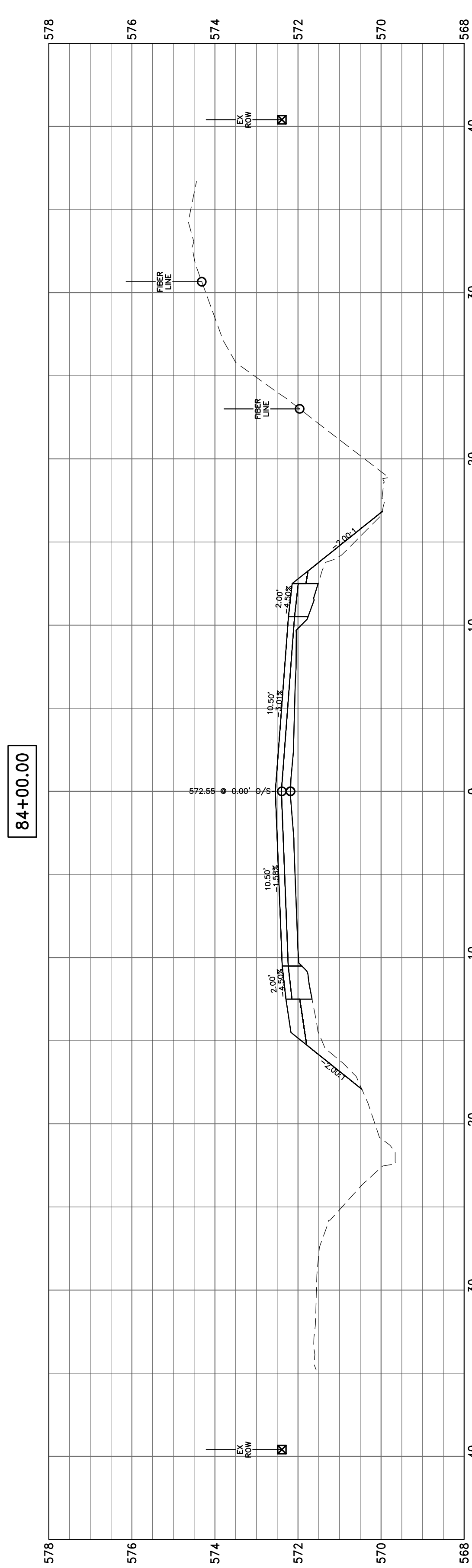
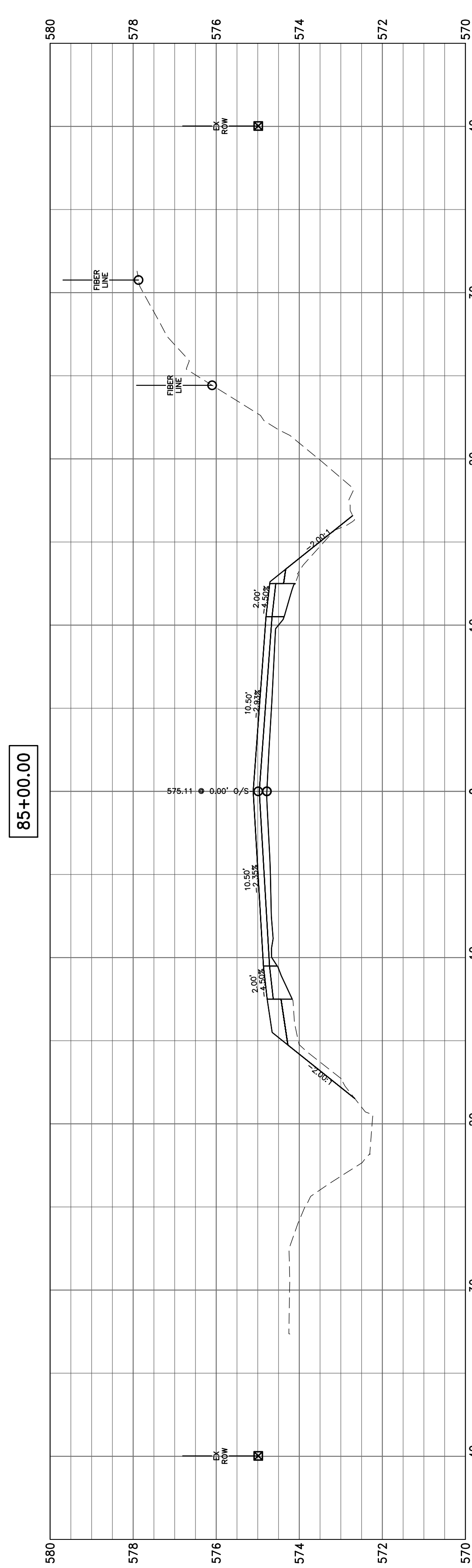
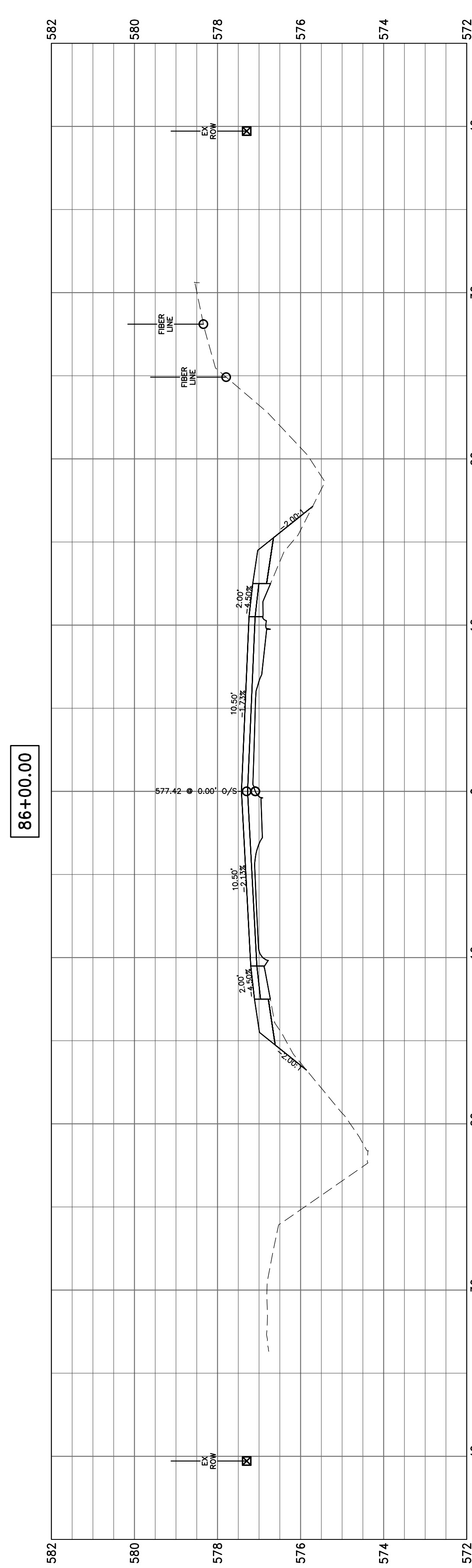


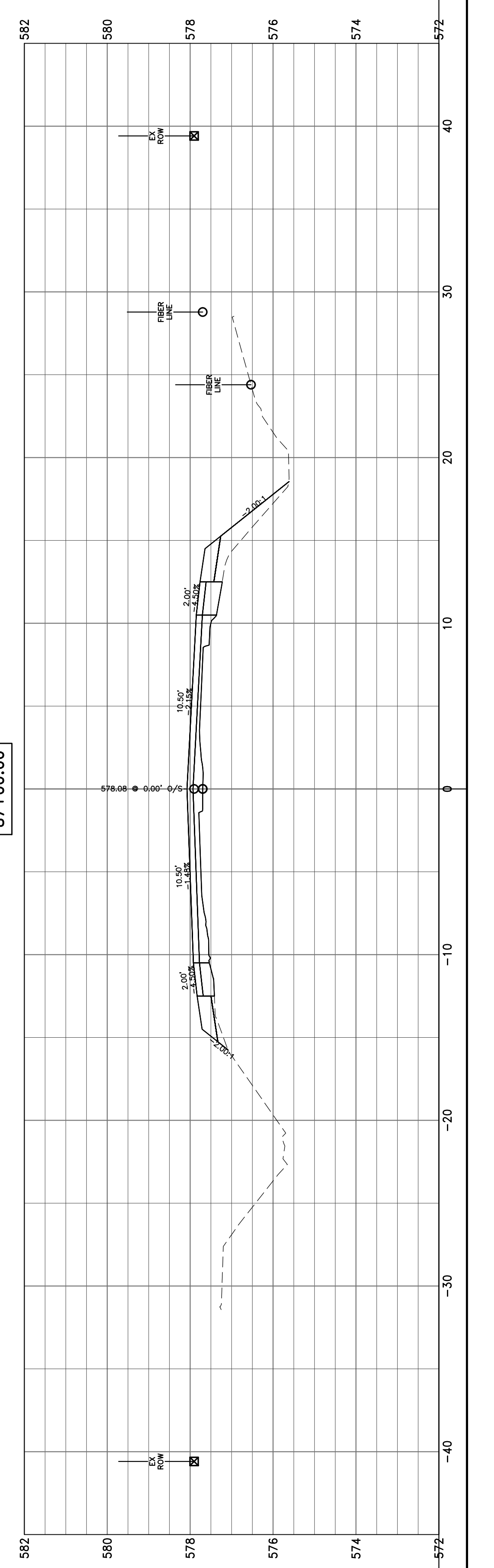
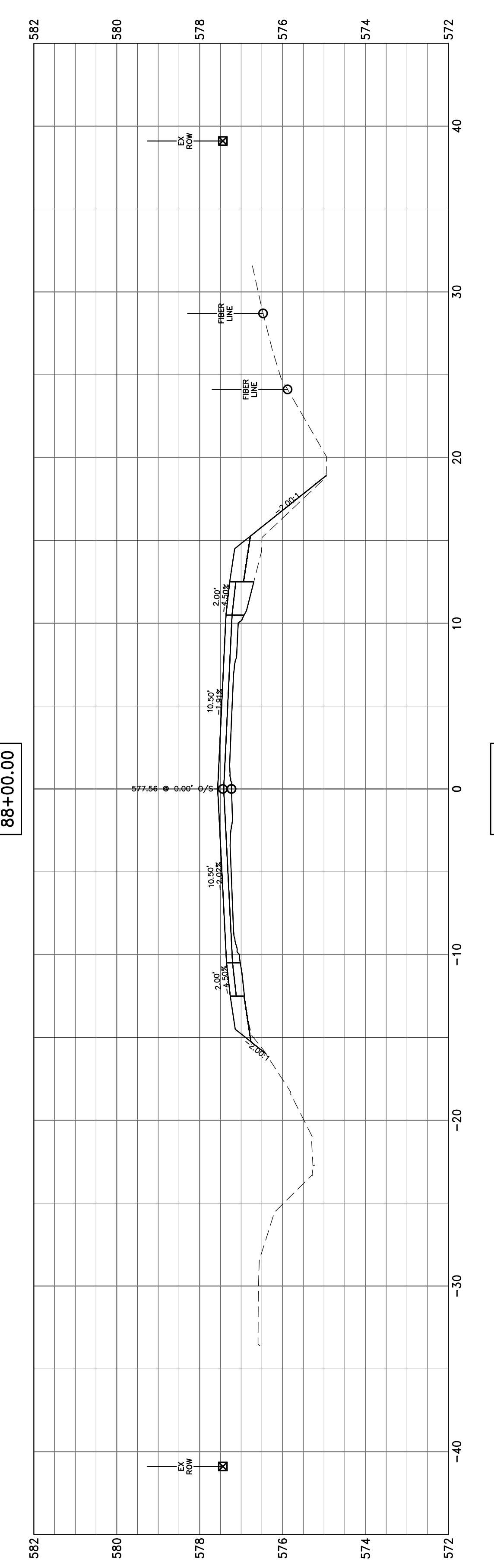
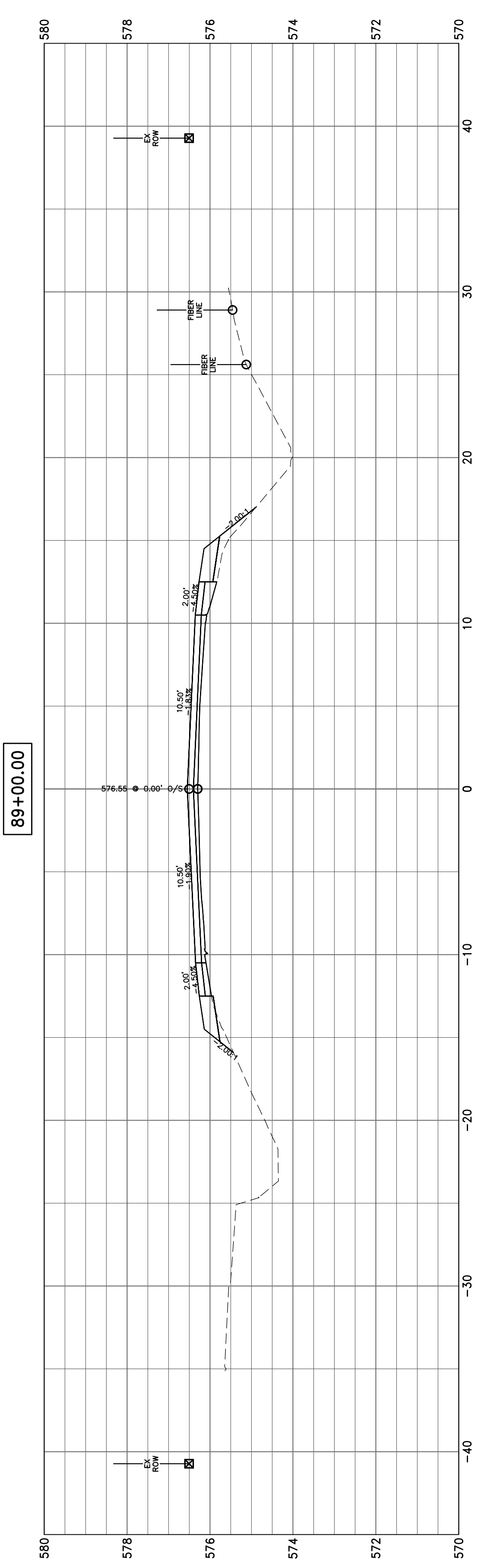
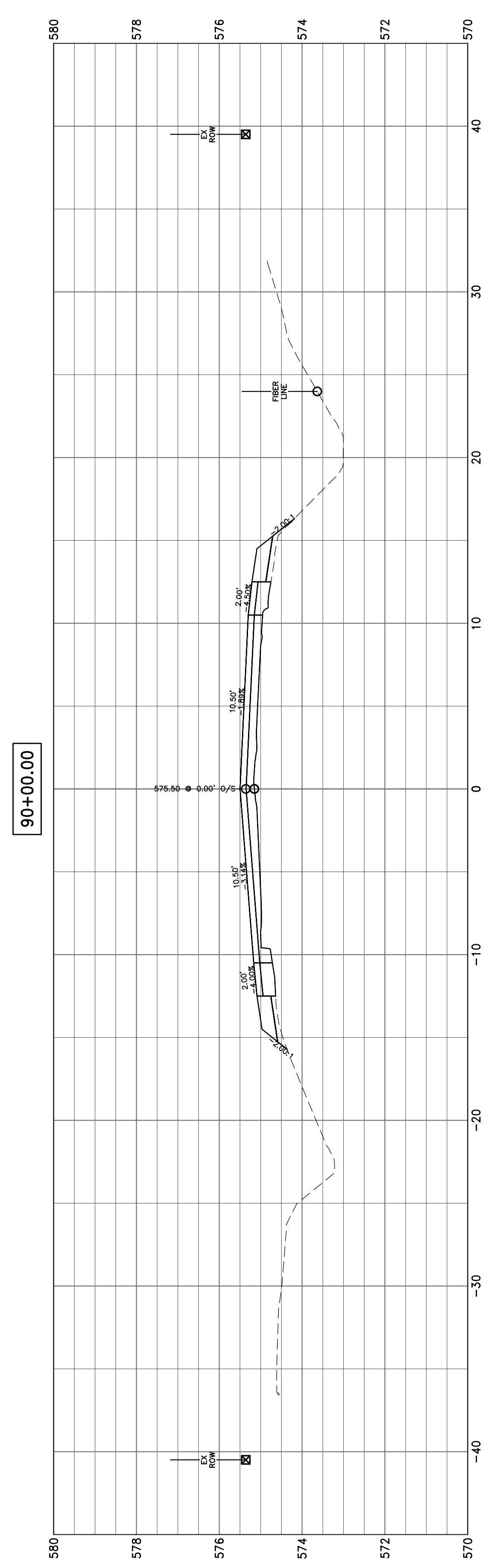
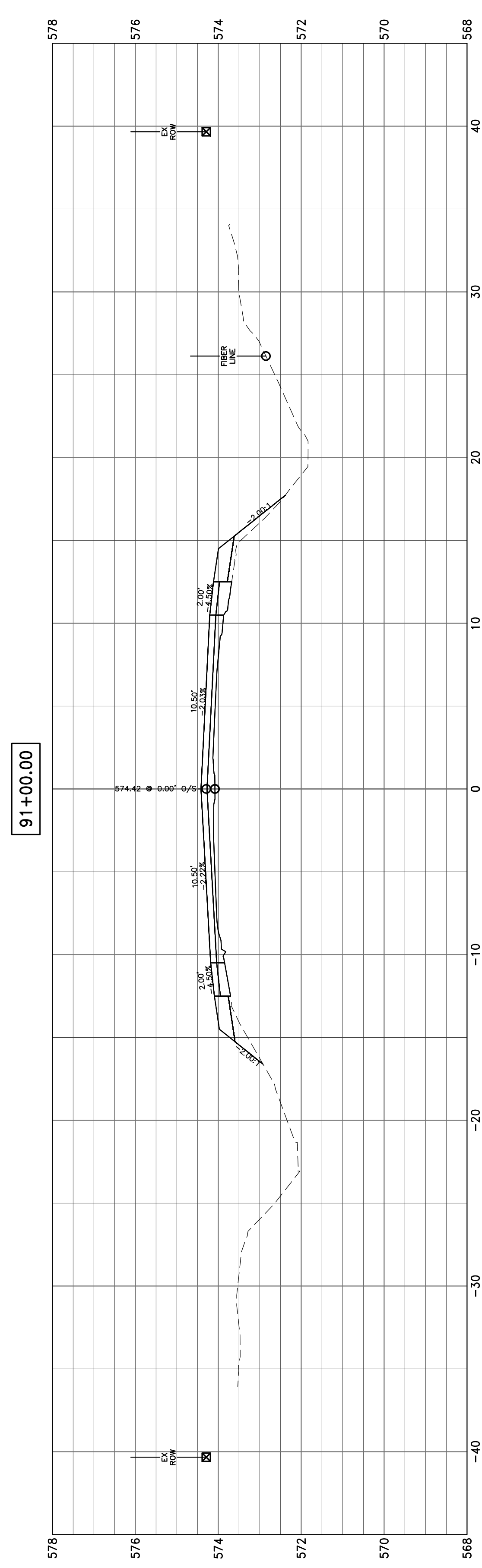
79+00.00



78+00.00







HAMPTON, LENZINI AND RENWICK, INC.
 323 WEST THIRD STREET, P.O. BOX 160
 MT. CARMEL, ILLINOIS 62863
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000959

PROJECT NO. - 21.0097.330
 FILE NAME - 210097.dwg
 PLOT SCALE - 2H=5V
 PLOT DATE - 06/04/2021

DESIGNED - SEK
 DRAWN - SEK
 CHECKED - SAA
 DATE - 06/04/2021

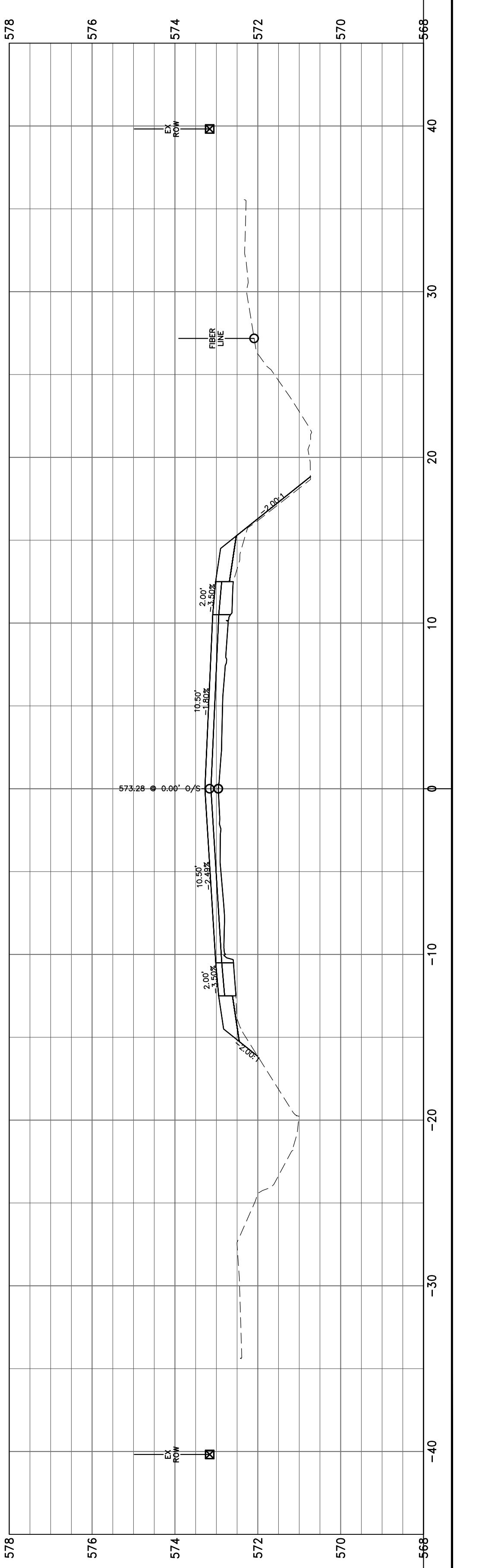
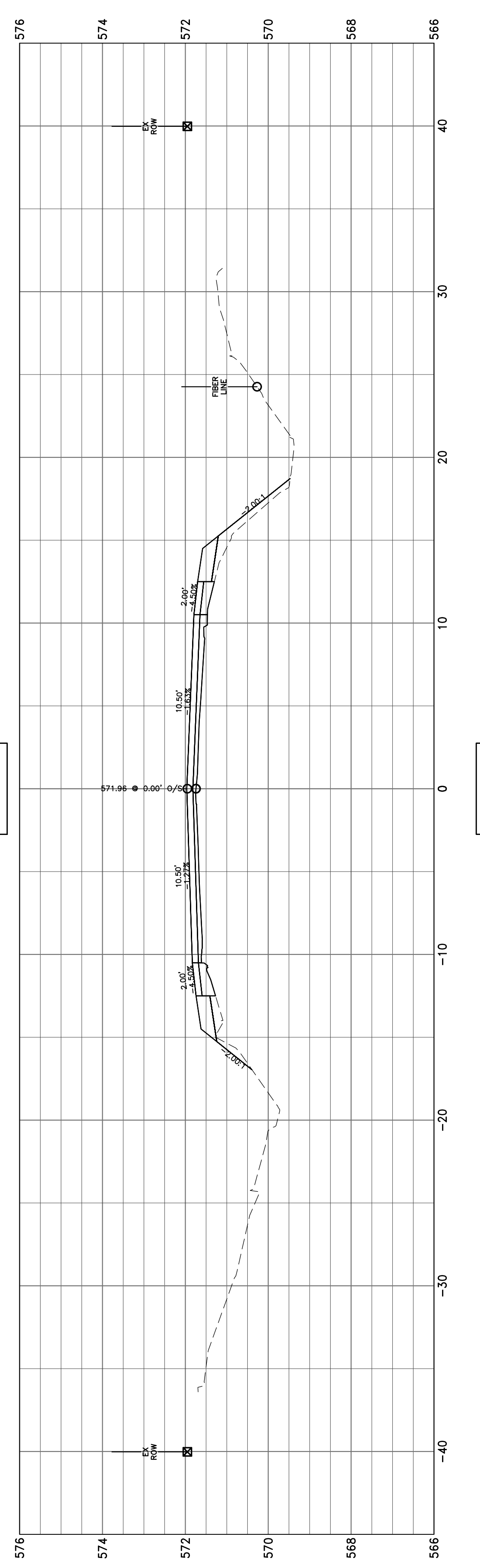
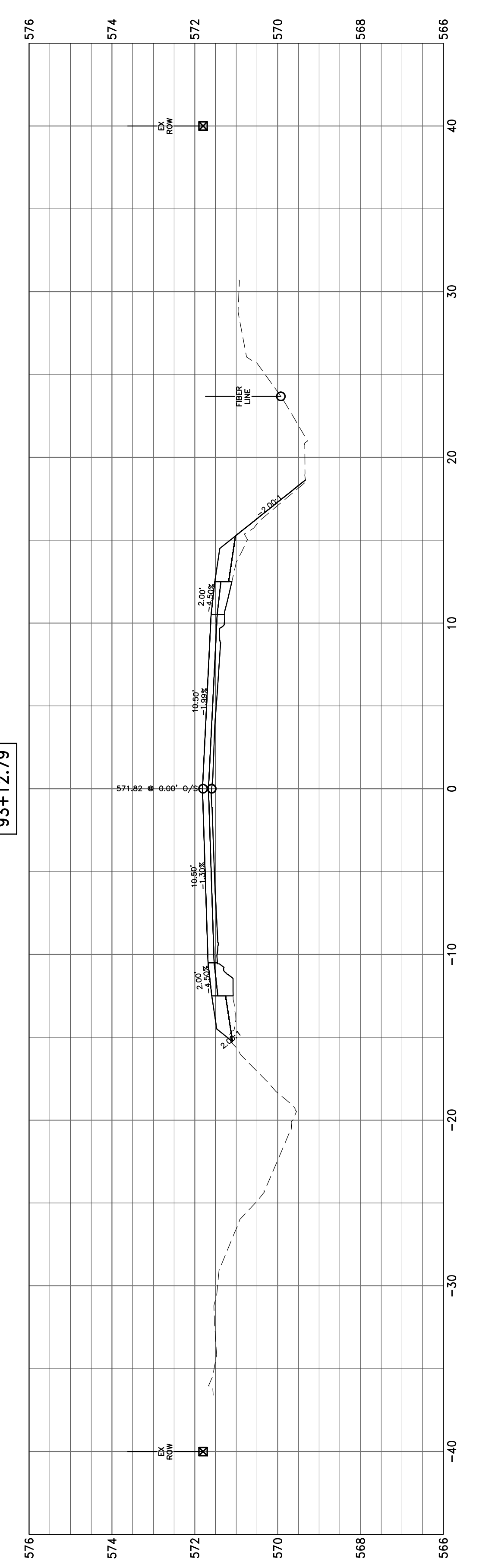
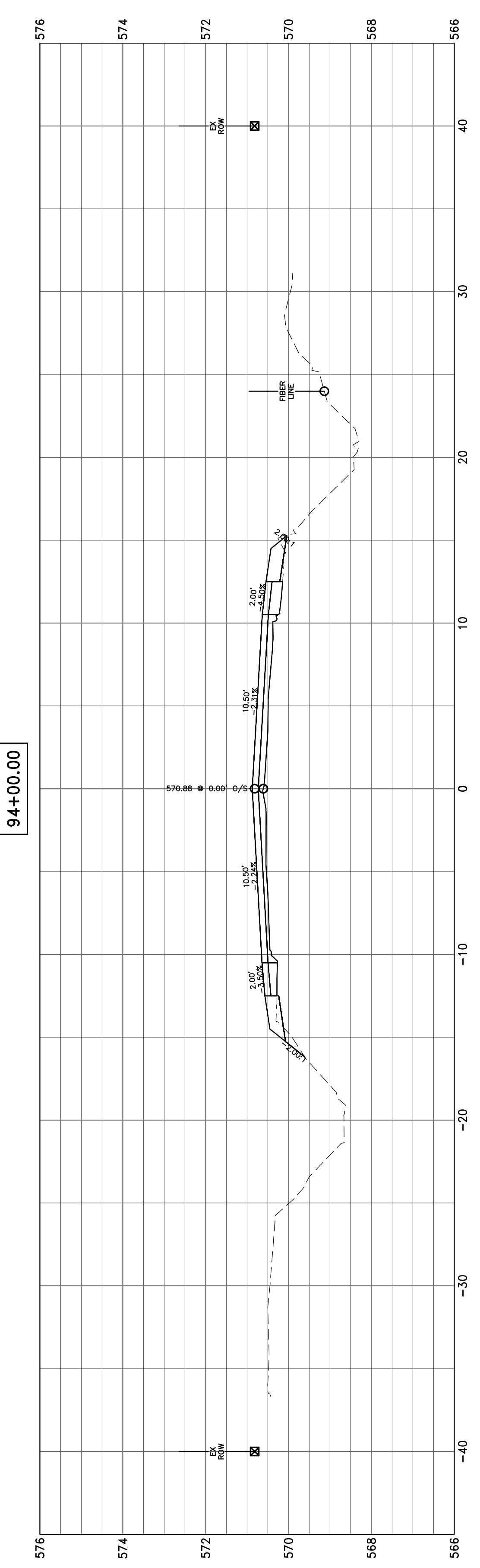
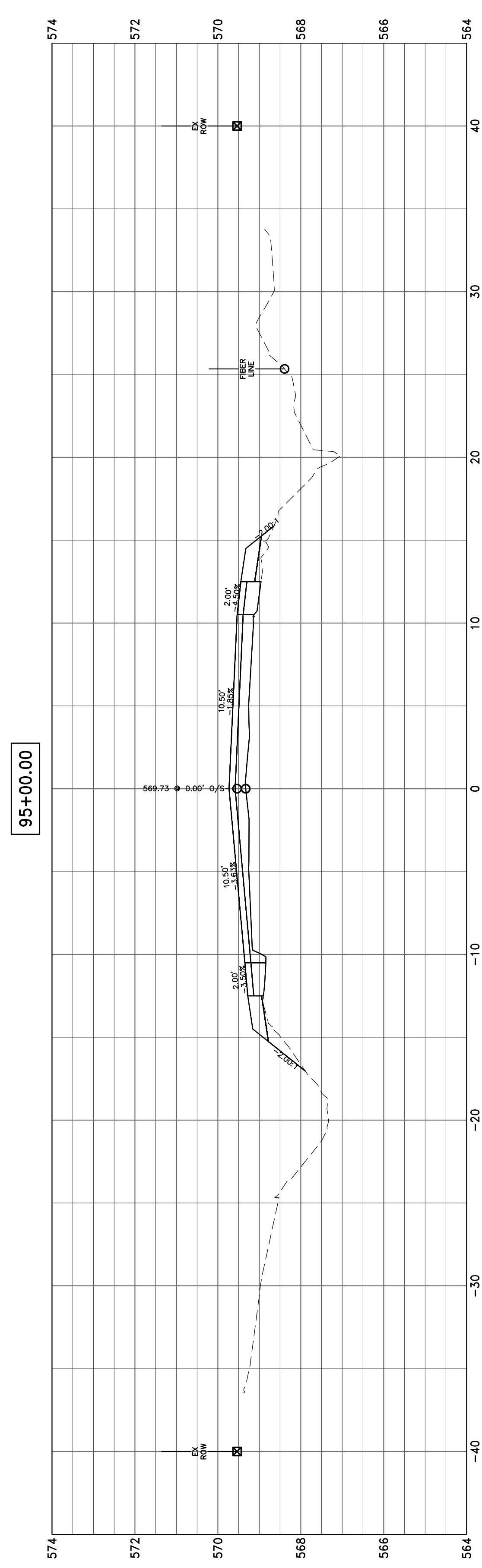
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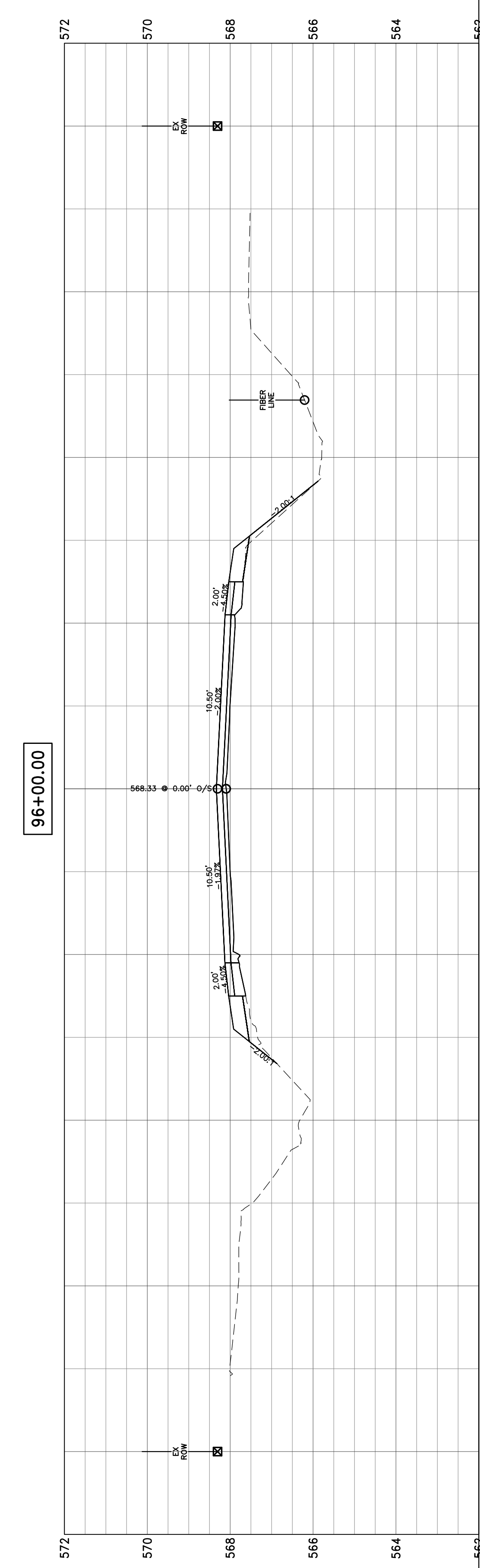
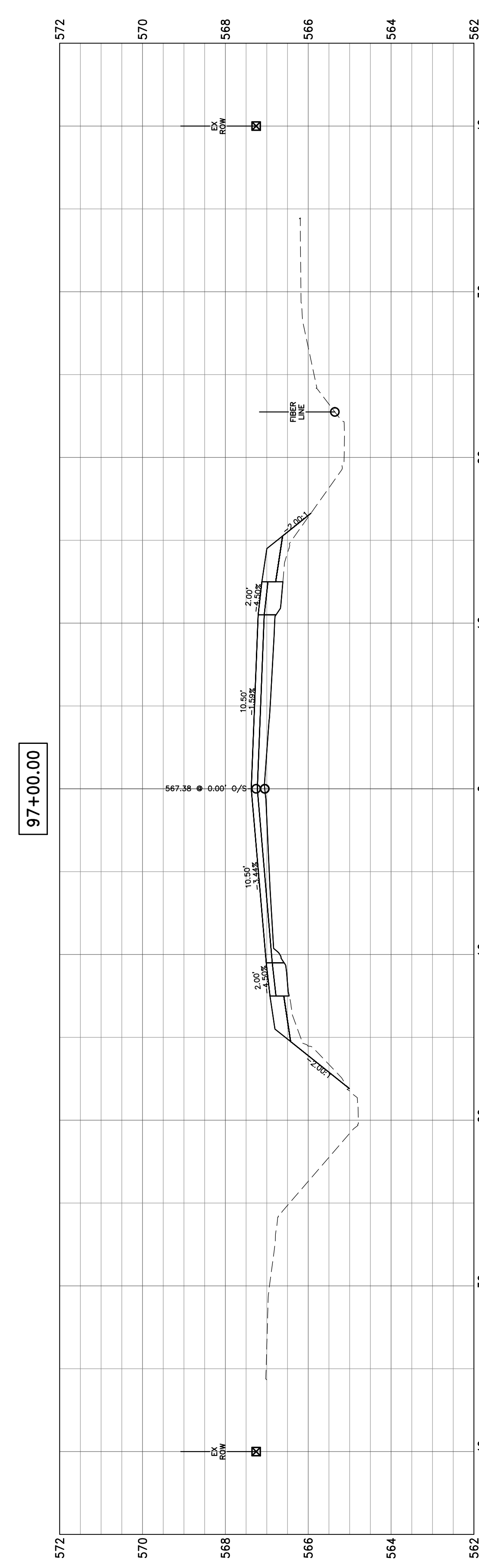
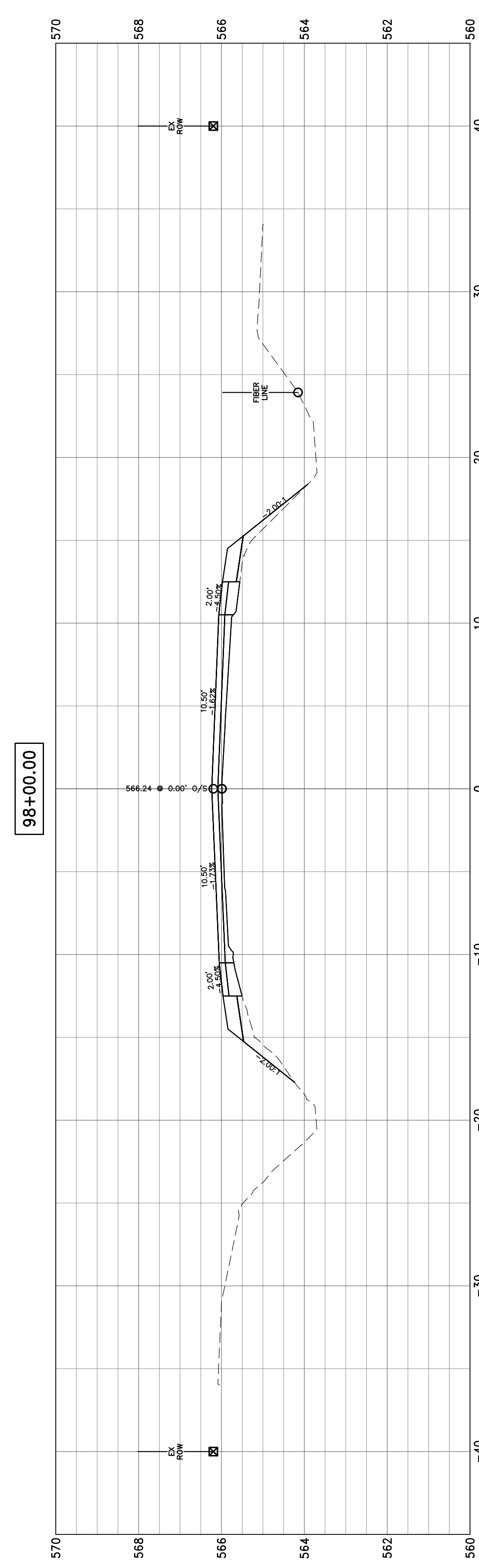
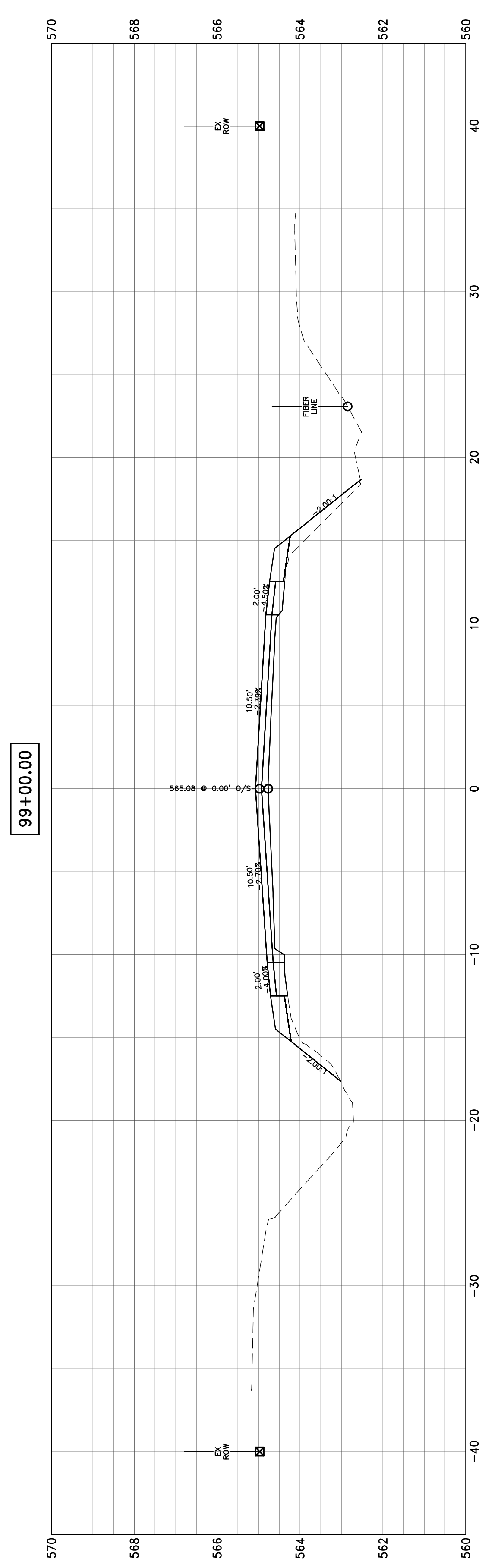
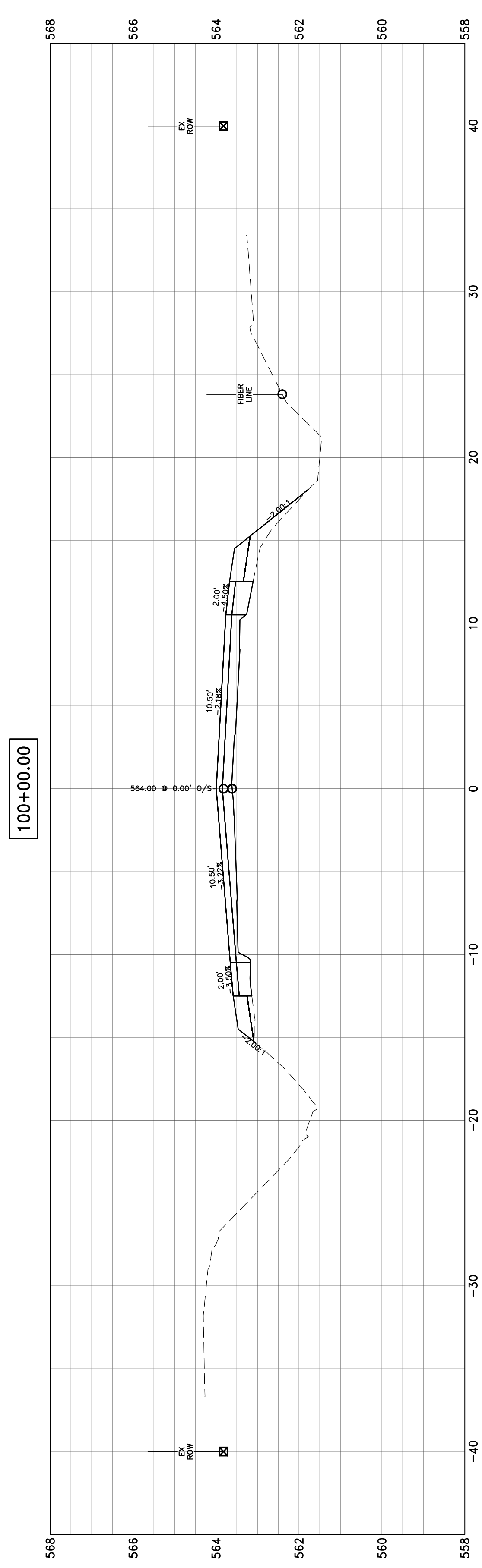
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

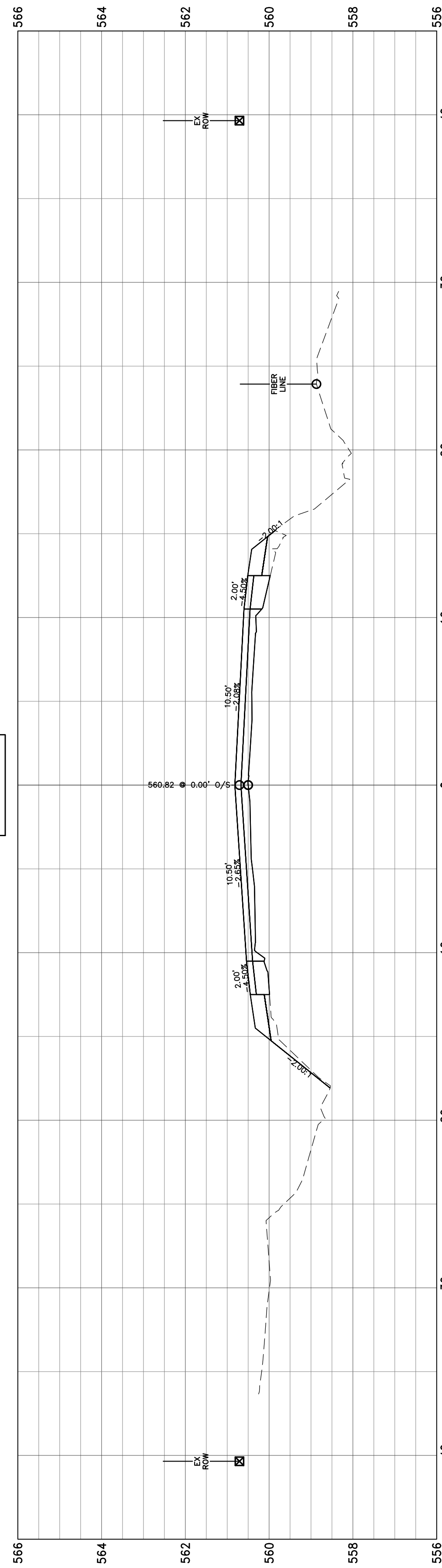
SCALE: 1"=10' SHEET 19 OF 104 SHEETS STA. 87+00.00 TO STA. 91+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
819	17-00217-00-RS	JEFFERSON	182	97
DIX-IRVINGTON ROAD / CH 39		CONTRACT NO. 99692		
C-99-043-18	ILLINOIS	FEDERAL AID PROJECT: A14M(523)		

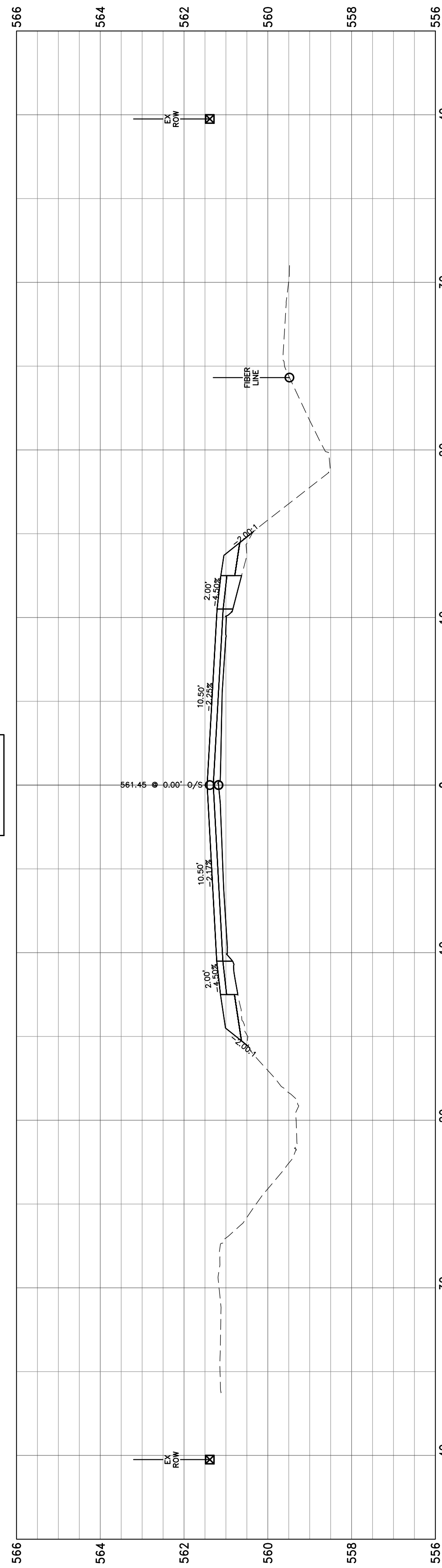




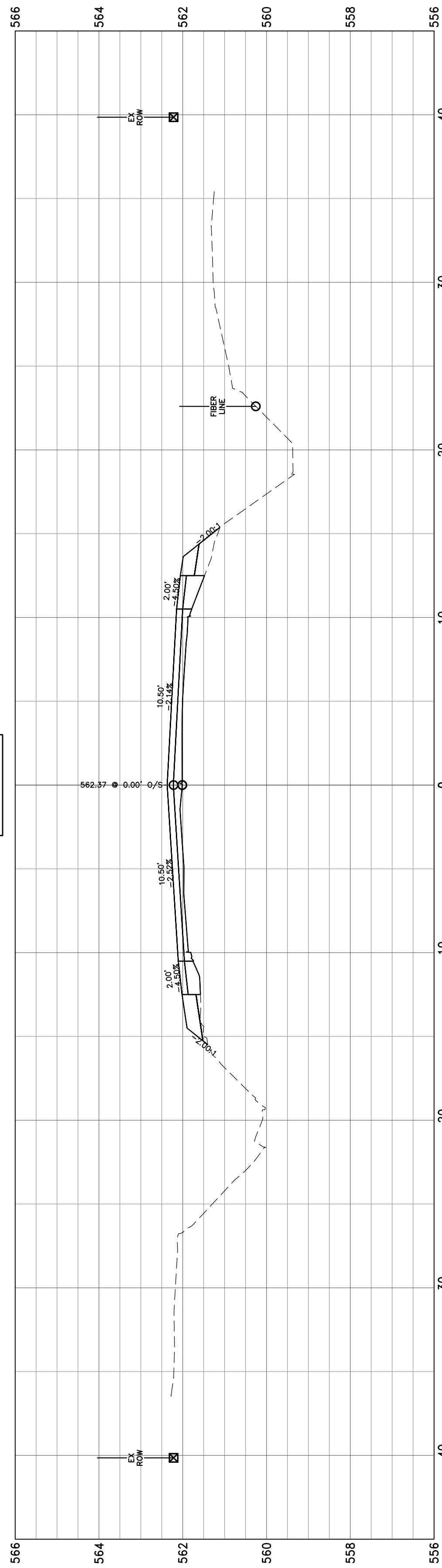
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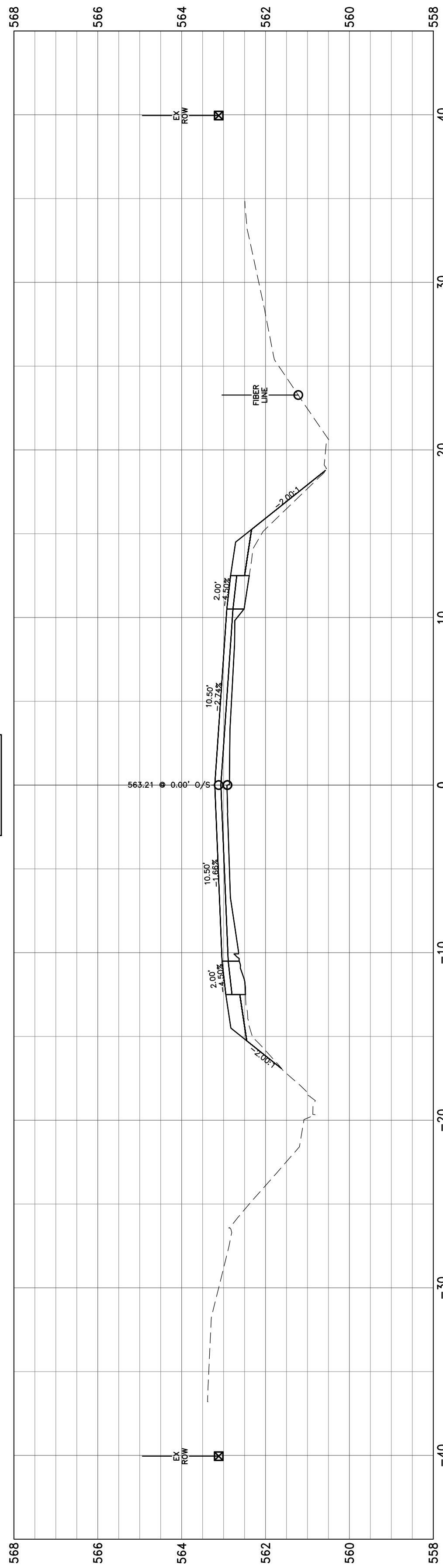
103+00.00



102+00.00



101+00.00



100+56.61

