F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	1
	ILLINOIS	CONTRACT NO. 74A04		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

D-97-085-20

LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT: 9,700 (2023)

PROPOSED HIGHWAY PLANS

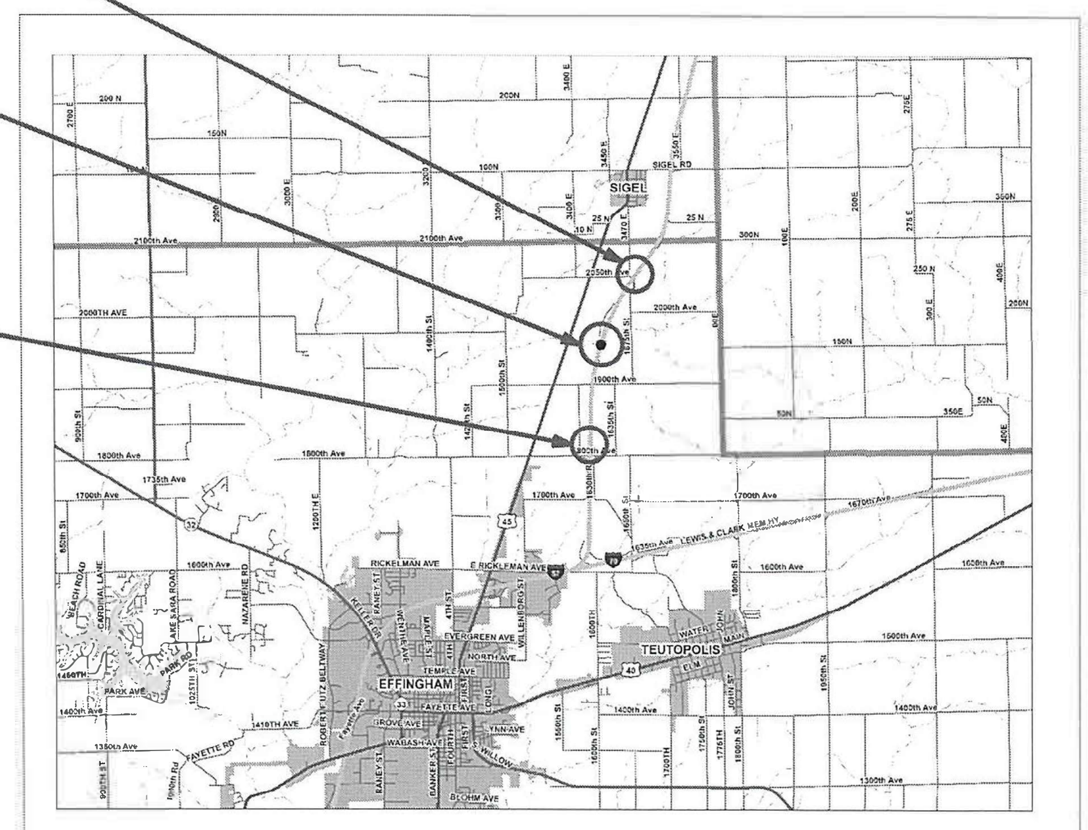
FAI ROUTE 57A (I-57)
SECTION 25-8BR (NORTHBOUND)
PROJECT NHPP-W8M5(415)
BRIDGE REPLACEMENT/MEDIAN CROSSOVER
EFFINGHAM COUNTY

C-97-090-20

PROJECT ENDS: STA. 5596+17

PR. S.N. 025-0113 (NB) AT STA. 1530+53.76 IS A SINGLE SPAN BRIDGE OVER THE EAST BRANCH OF GREEN CREEK WITH A LENGTH OF 134'-0". IT REPLACES EX. S.N. 025-0003, WHICH IS A 3 SPAN BRIDGE WITH A LENGTH OF 153'-6".

PROJECT BEGINS: STA. 5449+43



1"= 100' / 1"= 10'
1"= 50'
1"= 40'
1"= 30'
1"= 20'

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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: KALEB HIRTZEL
PHONE: (217) 342-8256

GROSS LENGTH = 14,674 FT. = 2.78 MILE
NET LENGTH = 14,674 FT. = 2.78 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 26 20 25

REGIONAL ENGINEER

August 15 20 25

ENGINEER OF DESIGN AND ENVIRONMENT

August 15 20 25

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

CONTRACT NO. 74A04

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV - MS

INDEX OF SHEETS

THE FOLLOWING HIGHWAY STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS:

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
483001-06	PCC SHOULDER
515001-04	NAME PLATES FOR BRIDGES
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602301-04	INLET TYPE A
602411-09	PRECAST MANHOLE TYPE A 7' DIAMETER
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
630001-13	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
638101-02	CONCRETE GLARE SCREEN
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
665001-02	WOVEN WIRE FENCE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE FREEWAY/EXPRESSWAY
701416-11	LANE CLOSURE FREEWAY/EXPRESSWAY WITH CROSSOVER AND BARRIER
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
635001-02	DELINEATORS
667101-02	PERMANENT SURVEY MARKERS

GENERAL NOTES

THE NORTHBOUND I-57 GREEN CREEK REST AREA SHALL BE CLOSED WHILE THE MEDIAN CROSSOVERS ARE BEING UTILIZED.
THE SOUTHBOUND I-57 GREEN CREEK REST AREA SHALL REMAIN OPEN THROUGHOUT THE PROJECT.

THE DISTRICT 7 ROADSIDE MANAGER SHALL BE CONTACTED A MINIMUM OF 45 DAYS PRIOR TO CLOSING THE NB I-57 REST AREA.
THE ROADSIDE MANAGER CAN BE CONTACTED BY PHONE AT (217) 342-8276.

THE FOLLOWING IS A SUGGESTED SEQUENCE OF OPERATIONS:
- CONSTRUCT THE I-57 MEDIAN CROSSOVERS.
- CONSTRUCT THE HMA BASE COURSE, 10" ON SB I-57.
- REMOVE/REPLACE EX. S.N. 025-0003 ALONG WITH THE NB I-57 PAVEMENT.

A PERMANENT SURVEY MARKER, TYPE 1 SHALL BE PLACED ON PR. S.N. 025-0113 AT A LOCATION DETERMINED BY THE ENGINEER.

THE PROPOSED EDGE LINE PAVEMENT MARKING ON SB I-57 SHALL BE PLACED IN THE GROOVE OF THE EXISTING EDGE LINE PAVEMENT MARKING.

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE BASE COURSE AND AGGREGATE SHOULDERS 2.05 TONS/CU YD

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION IL - 9.5	FRICTION AGGREGATE MIXTURE D	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
HMA BSE CRSE 10"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90		N/A	N90	QCQA	3000	N/A
HMA BSE CRSE 10"	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2.5")	SBS PG 70-22	4.0% @ N=90	IL - 19.0	N/A	N90	QCQA	3000	N/A
SUBBASE/ HMA BSE CRSE 10"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (3.0" LIFT & 2.5" LIFT)	PG 64-22	4.0% @ N=90	"	"	N90	QCQA	3000	N/A

COMMITMENTS

TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30 OF ANY GIVEN YEAR.

NO TREE CLEARING BEYOND 100 FEET OF THE EDGE OF PAVEMENT WILL OCCUR.

SHOULD THE PROJECT REQUIRE TEMPORARY OR PERMANENT LIGHTING, ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH FEDERAL HIGHWAY ADMINISTRATION GUIDE FOR BATS WHICH RECOMMENDS THAT LIGHTING DOES NOT INCREASE ILLUMINATION ABOVE AMBIENT CONDITIONS AND THAT INCORPORATES FULL CUTOFF, DOWNWARD FACING LIGHTS DIRECTED AWAY FROM FORESTED AREAS.

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PLOT DATE = 6/6/2025	DATE -	REVISED -	

INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8 B (NORTH BOUND)	EFFINGHAM	96	2
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	90% FED 10% STATE TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	CONSTRUCTION CODE BRIDGE 0010 025-0113
20100500	TREE REMOVAL, ACRES	ACRE	0.5	0.5	
20200100	EARTH EXCAVATION	CU YD	943	943	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1464	1464	
25000200	SEEDING, CLASS 2	ACRE	0.5	0.5	
25000320	SEEDING, CLASS 5	ACRE	0.5	0.5	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	82	82	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	82	82	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	82	82	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	2	
25100115	MULCH, METHOD 2	ACRE	1	1	
25100630	EROSION CONTROL BLANKET	SQ YD	344	344	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	366	366	
28000305	TEMPORARY DITCH CHECKS	FOOT	150	150	
28000400	PERIMETER EROSION BARRIER	FOOT	855	855	

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	90% FED 10% STATE TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	CONSTRUCTION CODE BRIDGE 0010 025-0113
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	344	344	
28100105	STONE RIPRAP, CLASS A3	SQ YD	39	39	
28100109	STONE RIPRAP, CLASS A5	SQ YD	1913	17	1896
28200200	FILTER FABRIC	SQ YD	1952	56	1896
31200100	STABILIZED SUBBASE 4"	SQ YD	2141	2141	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	7921	7921	
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	15482	15482	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	5524	5524	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	228	228	
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	5524	5524	
42000561	PORTLAND CEMENT CONCRETE PAVEMENT 13" (JOINTED)	SQ YD	2074	2074	
42001300	PROTECTIVE COAT	SQ YD	5524	5524	
44000100	PAVEMENT REMOVAL	SQ YD	1425	1425	
44004250	PAVED SHOULDER REMOVAL	SQ YD	18026	18026	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	3
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	90% FED 10% STATE TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	BRIDGE 0010 025-0113
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	45	45	
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	1492	1492	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	479		479
50300225	CONCRETE STRUCTURES	CU YD	109		109
50300255	CONCRETE SUPERSTRUCTURE	CU YD	298.8		298.8
50300300	PROTECTIVE COAT	SQ YD	1171		1171
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	142.6		142.6
50401345	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL63N	FOOT	787		787
50800105	REINFORCEMENT BARS	POUND	71	71	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	140140		140140
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	990		990
51202305	DRIVING PILES	FOOT	990		990
51203200	TEST PILE METAL SHELLS	EACH	2		2

* SPECIALTY ITEM

	CODE NO.	ITEM	UNIT	90% FED 10% STATE TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0004 RURAL	BRIDGE 0010 025-0113
	51204650	PILE SHOES	EACH	22		22
	51500100	NAME PLATES	EACH	1		1
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	54	54	
	542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	1262	1262	
	54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	4	4	
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	282		282
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	128		128
	60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	33	33	
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	192		192
	60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4	
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	550	550	
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	

* SPECIALTY ITEM

				90% FED 10% STATE	CONSTRUCTION CODE	
					ROADWAY	BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004	0010
					RURAL	025-0113
63200310	GUARDRAIL REMOVAL	FOOT	765	765		
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	13887.5	13887.5		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	16066	16066		
66500105	WOVEN WIRE FENCE, 4'	FOOT	155	155		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	14		
67100100	MOBILIZATION	L SUM	1	1		
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	14339	14339		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	13887.5	13887.5		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
* 78003131	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"	FOOT	16536	16536		

* SPECIALTY ITEM

				90% FED 10% STATE	CONSTRUCTION CODE	
					ROADWAY	BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004	0010
					RURAL	025-0113
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2197	2197		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	19	19		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	10	10		
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	7169	7169		
X0322278	RODENT SHIELDS	EACH	2	2		
X1200107	PIPE UNDERDRAINS 6" (MODIFIED)	FOOT	566	566		
X2600002	RECOVERABLE DELINEATORS	EACH	70	70		
X5012650	CONCRETE HEADWALL REMOVAL (SPECIAL)	EACH	8	8		
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	512		512	
X5080530	BAR TERMINATORS	EACH	589		589	
X6010003	PIPE DRAIN REMOVAL	FOOT	116	116		
X6010106	PIPE UNDERDRAIN OUTLET EXTENSION FOR 6" PIPE	EACH	7	7		
X6050700	REMOVE INLET BOX	EACH	2	2		
X6060095	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	3	3		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	5
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

			90% FED 10% STATE	CONSTRUCTION CODE	
				ROADWAY	BRIDGE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 RURAL	0010 025-0113
X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	51	51	
X7010118	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16	16	
X7011854	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	20	20	
X7011860	REAL-TIME TRAFFIC CONTROL WARNING SIGN	CAL MO	80	80	
X7011862	REAL-TIME TRAFFIC MONITORING SENSOR UNIT	CAL MO	160	160	
X7810400	TEMPORARY RAISED PAVEMENT MARKER	EACH	176	176	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	1248	1248	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1144		1144

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

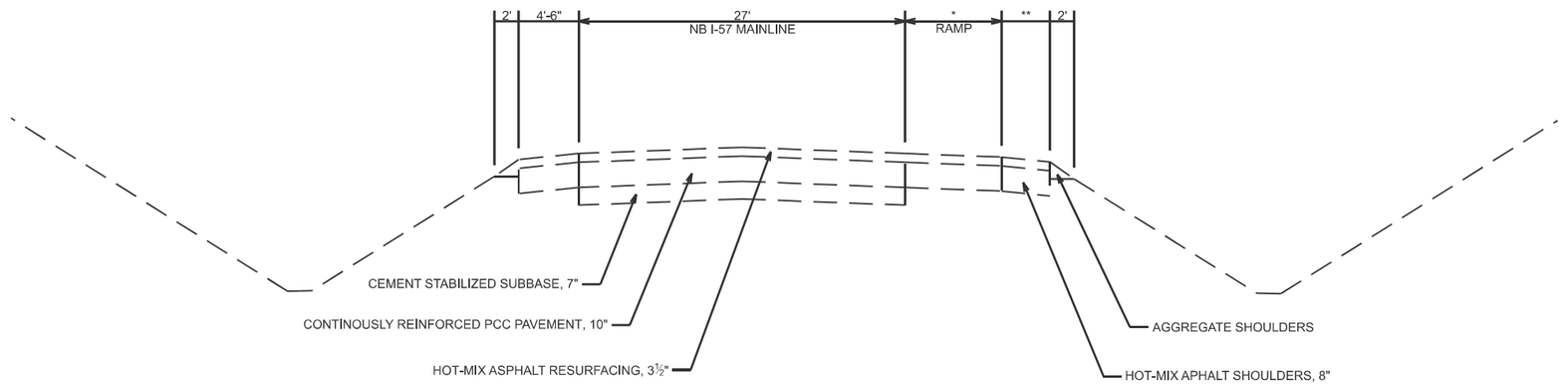
SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	6
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL SECTION - NB I-57

STATION 1525+58.5 TO STATION 1534+55.5



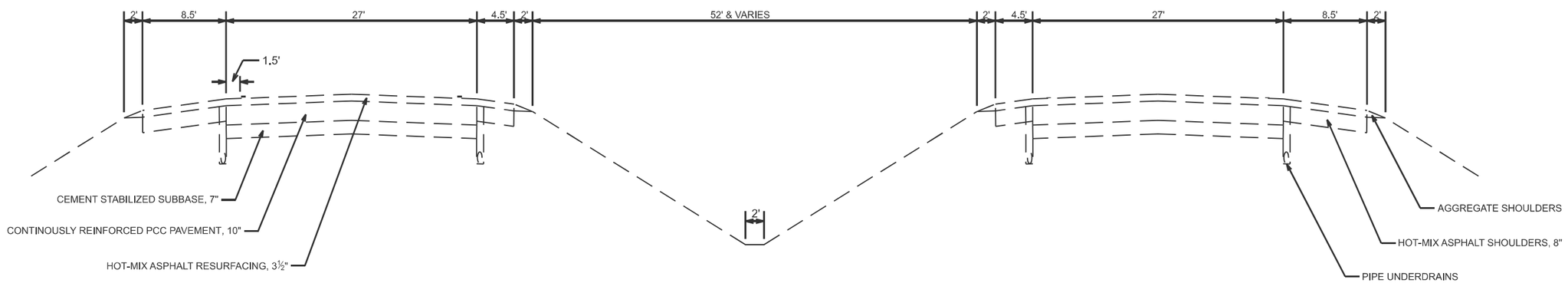
* 12' TO 4'-9" WIDTH FROM STA. 1525+58.5 TO STA. 1529+37.5
0' WIDTH FROM STA. 1531+71.8 TO STA. 1534+55.5

** 12' WIDTH FROM STA. 1525+58.5 TO STA. 1525+88
5' WIDTH FROM STA. 1525+88 TO STA. 1529+37.5
8'-6" WIDTH FROM STA. 1531+71.8 TO STA. 1534+55.5

NOTE: STA. 1531+71.8 TO STA. 1534+55.5 HAS PIPE UNDERDRAINS IN THE SHOULDERS.

EXISTING TYPICAL SECTION - I-57

STATION 5449+43 TO STATION 5460+43
STATION 5585+17 TO STATION 5585+17



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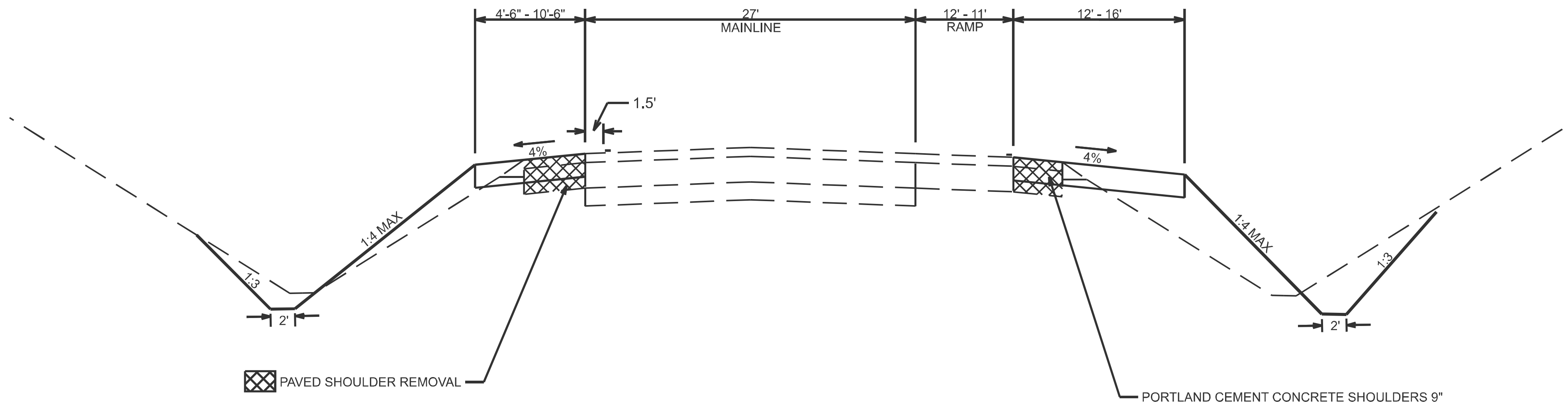
TYPICAL SECTIONS

SCALE: | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	7
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

PROPOSED TYPICAL SECTION - NB I-57

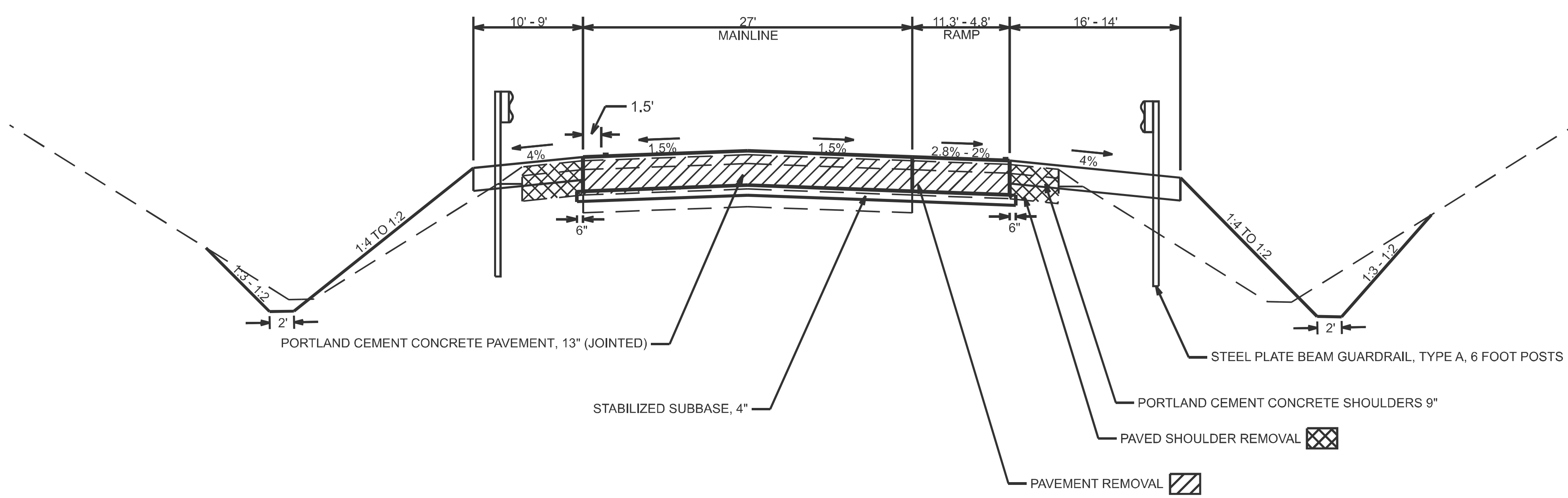
STATION 1525+58.5 TO STATION 1526+25



NOTE: STA. 1525+58.5 TO STA. 1525+95 HAS A FORESLOPE ONLY WITH A 1:4 MAX SLOPE.

PROPOSED TYPICAL SECTION - NB I-57

STATION 1526+25 TO STATION 1529+37.5



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

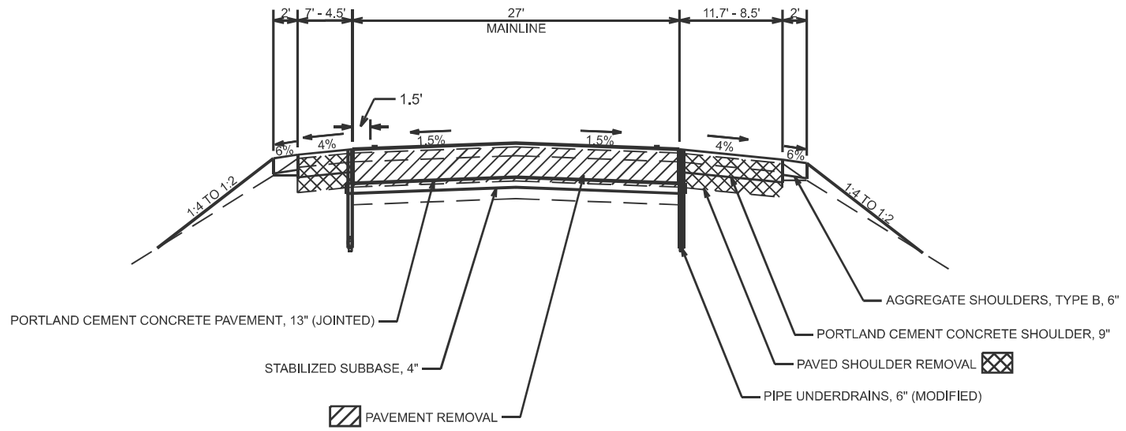
TYPICAL SECTIONS

SCALE: | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	8
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

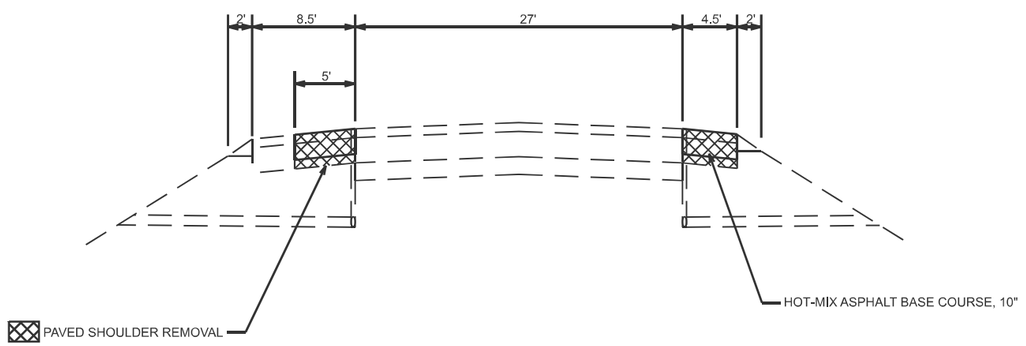
PROPOSED TYPICAL SECTION - NB I-57

STATION 1531+71.8 TO STATION 1534+55.5



PROPOSED TYPICAL SECTION - SB I-57

STATION 454+25 TO STATION 510+07.33
STATION 510+07.33 (BK) = STATION 510+00 (AH)
STATION 510+00 TO STATION 585+43.72
STATION 585+43.72 (BK) = STATION 584+58.48 (AH)
STATION 584+58.48 TO STATION 600+00



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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
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	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

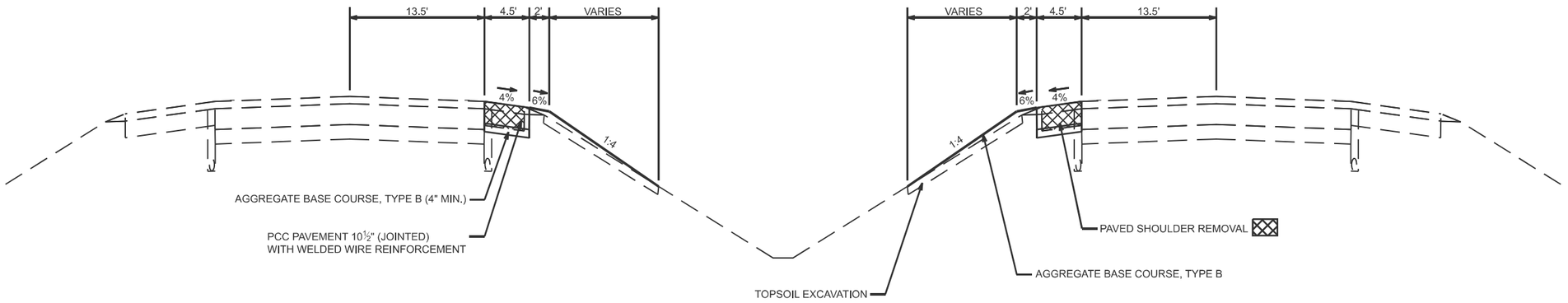
TYPICAL SECTIONS

SCALE: | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	9
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

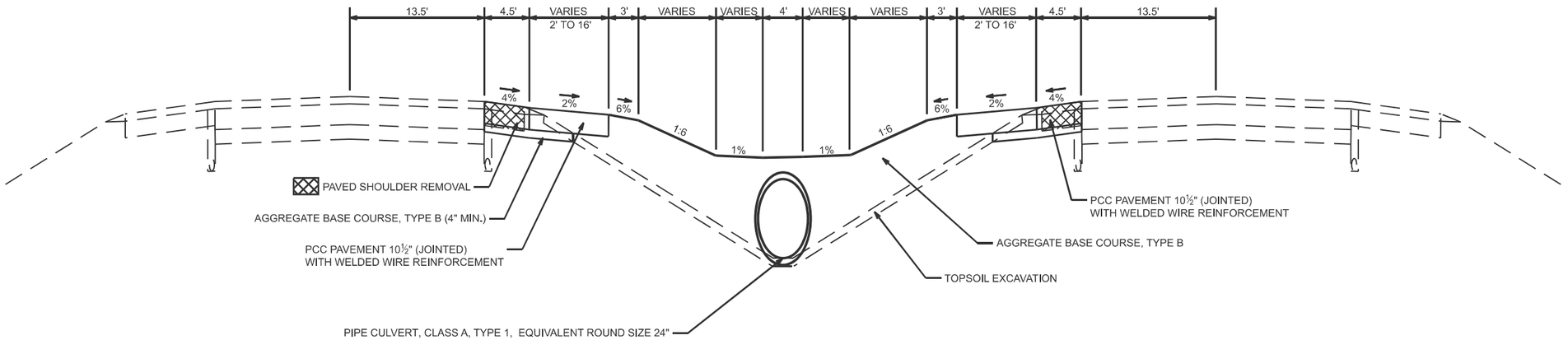
PROPOSED TYPICAL SECTION - MEDIAN CROSSOVERS

STATION 5449+43 TO STATION 5452+30
STATION 5458+21 TO STATION 5460+43
STATION 5585+17 TO STATION 5587+50
STATION 5594+36 TO STATION 5596+17



PROPOSED TYPICAL SECTION - MEDIAN CROSSOVERS

STATION 5452+30 TO STATION 5454+23
STATION 5455+63 TO STATION 5458+21
STATION 5587+50 TO STATION 5589+97
STATION 5591+37 TO STATION 5594+36



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PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

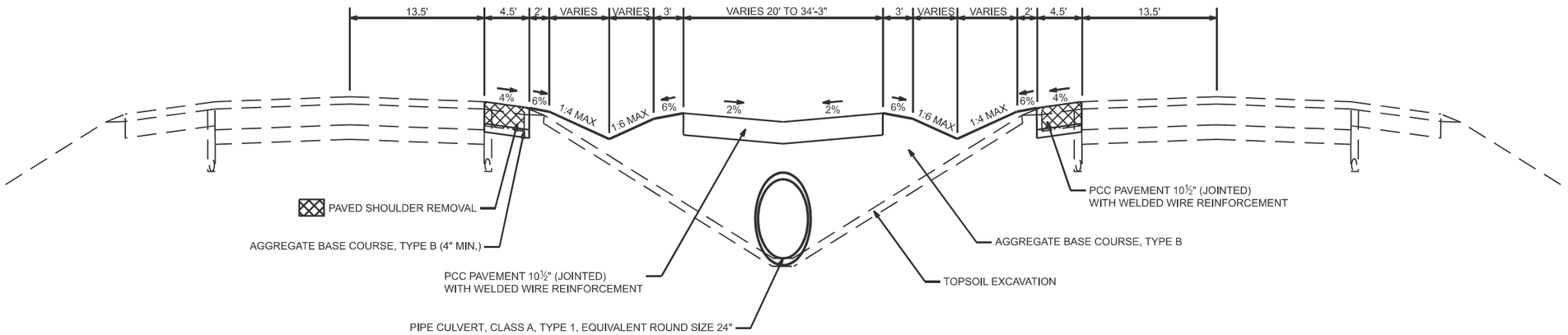
TYPICAL SECTIONS

SCALE: | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	10
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL SECTION - MEDIAN CROSSOVERS

STATION 5454+23 TO STATION 5455+63
STATION 5589+97 TO STATION 5591+37



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PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	11
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

TREE REMOVAL

STATIONING FROM	STATIONING TO	SIDE	TREE REMOVAL, ACRES
			ACRES
NB I-57			
1529+63	1531+29	LT	0.15
1528+14	1535+44	RT	0.29
		TOTAL:	0.5

GUARDRAIL REMOVAL

STATIONING FROM	STATIONING TO	SIDE	GUARDRAIL REMOVAL
			FOOT
NB I-57			
1525+54.4	1529+70.5	LT	416.5
1526+14.4	1529+80.8	RT	348.5
		TOTAL:	765

PAVED SHOULDER REMOVAL

STATIONING FROM	STATIONING TO	LENGTH	PAVED SHOULDER REMOVAL
		FEET	SQ YD
SB I-57			
454+25.00	510+07.33	5582.33	5892.5
510+07.33	510+00.00	STA. EQU.	-
510+00.00	585+43.72	7543.72	7962.8
585+43.72	584+58.48	STA. EQU.	-
584+58.48	600+00.00	1541.52	1627.2
		SB I-57 TOTAL:	15482.4
NB I-57			
1525+58.60	1525+87.60	29.00	51.6
1525+87.60	1526+08.00	20.40	28.3
1526+08.00	1528+41.80	233.80	233.8
1528+41.80	1532+65.80	424.00	-
1532+65.80	1534+55.49	189.69	274.0
		NB I-57 TOTAL:	587.7
I-57 (MEDIAN CROSSOVERS)			
5449+43	5460+43	1100.00	977.8
5585+17	5596+17	1100.00	977.8
		I-57 TOTAL:	1955.6
		PROJECT TOTAL:	18026

PAVEMENT REMOVAL

STATIONING FROM	STATIONING TO	LENGTH	PAVEMENT REMOVAL	APPROACH SLAB REMOVAL
		FEET	SQ YD	SQ YD
NB I-57				
1525+87.60	1526+25.00	37.40	-	-
1526+25.00	1528+41.80	216.80	855.6	-
1528+41.80	1529+38.17	96.37	-	638.1
1529+38.17	1531+29.36	191.19	-	-
1531+29.36	1532+65.80	136.44	-	609.7
1532+65.80	1534+55.49	189.69	569.1	-
		TOTAL:	1425	1248

CONCRETE HEADWALL REMOVAL

STATION	SIDE	OFFSET FEET	CONCRETE HEADWALL REMOVAL (SPECIAL) EACH
NB I-57			
1532+12.5	LT	30	1
		NB TOTAL:	1
SOUTH MEDIAN CROSSOVER			
5454+93	LT	12	1
5454+95	RT	12	1
5456+27	LT	11	1
5456+33.5	RT	11	1
		SOUTH CROSSOVER TOTAL:	4
NORTH MEDIAN CROSSOVER			
5590+64.5	RT	15	1
5590+66	LT	14	1
5593+11	RT	15	1
		NORTH CROSSOVER TOTAL:	3
		PROJECT TOTAL.	8

DRAINAGE REMOVALS

STATION	SIDE	REMOVE INLET BOX EACH	PIPE DRAIN REMOVAL FEET
NB I-57			
1531+41	LT	1	54
1531+50	RT	1	62
	TOTALS:	2	116

WOVEN WIRE FENCE

STATION	OFFSET	WOVEN WIRE FENCE REMOVAL FEET	OFFSET	WOVEN WIRE FENCE, 4' FEET
1529+78	65.2' - 70.2' RT	5	30.2' - 70.2' RT	40
1531+46	27.1' - 73.4' RT	46	27.1' - 142.3' RT	115
TOTALS:	-	51	-	155

EARTH EXCAVATION

STATIONING FROM	STATIONING TO	SIDE	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) CU YD	EARTH FILL CU YD	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-) CU YD
I-57 CROSS OVERS						
5449+43	5460+43	LT/RT	135.3	101.5	0.0	101.5
5585+17	5596+17	LT/RT	127.6	95.7	0.0	95.7
		CROSS OVERS TOTALS:	262.9	-	0.0	197.2
NB I-57						
1525+75	1529+75	LT	207.0	155.3	66.7	88.6
1525+50	1530+00	RT	381.6	286.2	91.3	194.9
1531+25	1535+50	LT	47.2	35.4	416.0	-380.6
1531+50	1535+50	RT	44.1	33.1	69.7	-36.6
		NB I-57 TOTALS:	680.0	-	643.6	-133.6
		PROJECT TOTALS:	943	-	644	64

TOPSOIL

STATIOINING FROM	STATIOINING TO	LENGTH FEET	SIDE	TOPSOIL EXCAVATION AND PLACEMENT CU YD
I-57 (MEDIAN CROSSOVERS)				
5449+43	5460+43	1100	LT/RT	519.4
5585+17	5596+17	1100	LT/RT	548.5
		CROSS OVERS TOTAL:		1067.9
NB I-57				
1525+75	1529+75	400	LT	83.7
1525+50	1530+00	450	RT	103.9
1531+25	1535+50	425	LT	160.7
1531+50	1535+50	400	RT	47.8
		NB I-57 TOTAL:		396.2
		PROJECT TOTAL:		1464

MODEL: Schedules [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	12
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

SEEDING

STATIONING FROM	STATIONING TO	SIDE	SEEDING, CLASS 2	SEEDING, CLASS 5	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL LIMESTONE	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
			ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	TON
NB I-57										
1525+58	1530+32	LT	0.16	0.02	15.5	15.5	15.5	0.3	0.16	69.1
1530+50	1531+40	LT	0.01	0.02	2.3	2.3	2.3	0.1	0.02	10.4
1531+48	1535+45	LT	0.16	0.12	25.5	25.5	25.5	0.6	0.28	113.4
1525+26	1530+65	RT	0.16	0.10	22.6	22.6	22.6	0.5	0.22	100.6
1530+83	1535+45	RT	0.07	0.11	16.2	16.2	16.2	0.4	0.17	72.0
		TOTALS:	0.5	0.5	82	82	82	2	1	366

GUARDRAIL

STATIONING FROM	STATIONING TO	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
			FEET	EACH	EACH	EACH	EACH
NB I-57							
1526+06	1526+56	LT	-	-	1	1	-
1526+56	1529+30.7	LT	275	-	-	-	3
1529+30.7	1529+67.5	LT	-	1	-	-	2
1526+18	1526+68	RT	-	-	1	1	-
1526+68	1529+43.5	RT	275	-	-	-	3
1529+43.5	1529+80.5	RT	-	1	-	-	2
		TOTALS:	550	2	2	2	10

DITCH CHECKS

STATION	SIDE	TEMPORARY DITCH CHECKS FEET
1526+38	RT	10
1526+60	LT	10
1526+81	RT	10
1527+24	RT	10
1527+25	LT	10
1527+66	RT	10
1527+90	LT	10
1528+09	RT	10
1528+52	RT	10
1528+55	LT	10
1528+66	LT	10
1528+77	LT	10
1528+88	LT	10
1528+95	RT	10
1529+38	RT	10
TOTAL:		150

PERIMETER EROSION BARRIER

FROM STATION	OFFSET	TO STATION	OFFSET	PERIMETER EROSION BARRIER FEET
1531+03	92.9' LT	1532+00	102.6' LT	99.0
1532+00	102.6' LT	1534+20	88.4' LT	221.0
1534+20	88.4' LT	1535+58	46.9' LT	145.0
			LT TOTAL:	465.0
1531+61	52.0' RT	1531+73	45.2' RT	14.0
1531+73	45.2' RT	1535+50	47.2' RT	376.0
			RT TOTAL:	390.0
			PROJECT TOTAL:	855

CONCRETE BARRIER

STATIONING FROM	STATIONING TO	TEMPORARY CONCRETE BARRIER FEET	MODULAR GLARE SCREEN SYSTEM, TEMPORARY FEET
SB I-57			
454+24.34	458+86.65	462.50	462.50
458+86.65	510+07.33	5120.68	5120.68
510+07.33	510+00.00	STATION EQUATION	
510+00.00	585+43.72	7543.72	7543.72
585+43.72	584+58.48	STATION EQUATION	
584+58.48	584+94.08	35.60	35.60
584+94.08	592+16.22	725.00	725.00
	TOTALS:	13887.5	13887.5

EROSION CONTROL BLANKET

STATIONING FROM	STATIONING TO	SIDE	LENGTH FEET	TEMPORARY ERCSION CONTROL BLANKET SQ YD	EROSION CONTROL BLANKET SQ YD
NB I-57					
1529+37	1529+71	LT	34	75.5	75.5
1529+37	1529+92	RT	55	134.2	134.2
1531+17	1531+40	LT	23	51.8	51.8
1531+48	1531+72	LT	24	35.2	35.2
1531+38	1531+53	RT	15	33.2	33.2
1531+61	1531+72	RT	11	14.4	14.4
		TOTALS.		344	344

RIPRAP

STATION	SIDE	FILTER FABRIC SQ YD	STONE RIPRAP, CLASS A3 SQ YD	STONE RIPRAP, CLASS A5 SQ YD
1531+44	LT	17.5	17.5	-
1531+57	RT	21.1	21.1	-
1529+81	RT	16.7	-	16.7
	TOTALS:	56	39	17

DELINEATORS - MEDIAN CROSSOVERS

STATIONING FROM	STATIONING TO	LENGTH FEET	OFFSET FEET	RECOVERALBE DELINEATORS EACH
I-57				
5454+23	5455+62	139	0	35
5589+97	5591+36	139	0	35
			TOTAL:	70

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PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	13
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

PCC PAVEMENT - I-57 MEDIAN CROSSOVERS

STATIONING		LENGTH	AGGREGATE BASE COURSE, TYPE B	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	WELDED W RE REINFORCEMENT	PROTECTIVE COAT
FROM	TO	FEET	TON	SQ YD	SQ YD	SQ YD
I-57						
5449+43	5460+43	1100	3618.1	2761.9	2761.9	2761.9
5585+17	5596+17	1100	4302.6	2761.9	2761.9	2761.9
		TOTALS:	7921	5524	5524	5524

HMA BASE COURSE

STATIONING		LENGTH	LT WIDTH	RT WIDTH	HOT-MIX ASPHALT BASE COURSE, 10"	SHOLDER RUMBLE STRIPS, 16 INCH
FROM	TO	FEET	FEET	FEET	SQ YD	FEET
SB I-57						
454+25.00	510+07.33	5582.33	5	4.5	5892.5	5582.3
510+07.33	510+00.00	STATION EQUATION			-	-
510+00.00	585+43.72	7543.72	5	4.5	7962.8	7543.7
585+43.72	584+58.48	STATION EQUATION			-	-
584+58.48	600+00.00	1541.52	5	4.5	1627.2	1541.5
				TOTAL:	15482	14668

PAVEMENT MARKING

STATIONING		PAVEMENT MARKING REMOVAL - GRINDING	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	RAISED REFLECTIVE PAVEMENT MARKERS
FROM	TO	SQ FT	FEET	FEET	FEET	EACH
SB I-57						
457+59	510+07.33	2624.2	5248.3	5248.3	-	-
510+07.33	510+00.00	-	-	-	-	-
510+00.00	585+43.72	3771.9	7543.7	7543.7	-	-
585+43.72	584+58.48	-	-	-	-	-
584+58.48	600+05	773.3	1546.5	1546.5	-	-
SB I-57 TOTALS:		7169.3	14338.6	14338.6	0.0	0
NB I-57						
1525+58	1526+25	-	-	134.0	134.0	2
1526+25	1529+87	-	-	935.2	935.2	9
1529+87	1531+19	-	-	341.0	341.0	-
1531+19	1532+05	-	-	222.2	222.2	2
1532+05	1534+56	-	-	564.8	564.8	6
NB I-57 TOTALS:		0.0	0.0	2197.1	2197.1	19
PROJECT TOTALS:		7169	14339	16536	2197	19

PCC PAVEMENT - NB I-57

STATIONING		LENGTH	STABILIZED SUBBASE, 2"	PORTLAND CEMENT CONCRETE PAVEMENT 13" (JOINTED)	PAVEMENT CONNCECTOR (PCC) FOR BRIDGE APPROACH SLAB
FROM	TO	FEET	SQ YD	SQ YD	SQ YD
NB I-57					
1526+25.00	1529+37.54	312.54	1257.8	1223.1	-
1529+37.54	1529+57.86	20.32	-	-	119.1
1529+57.86	1529+87.83	29.97	-	-	-
1529+87.83	1531+19.76	131.93	-	-	-
1531+19.76	1531+49.80	30.04	-	-	-
1531+49.80	1531+71.81	22.01	-	-	108.4
1531+71.81	1534+55.49	283.68	882.6	851.0	-
		TOTALS:	2141	2074	228

AGGREGATE SHOULDERS

STATIOINING		SIDE	LENGTH	AGGREGATE SHOULDERS, TYPE B 6"
FROM	TO		FEET	SY YD
NB I-57				
1531+43.70	1534+55.49	LT	311.79	23.1
1531+57.40	1534+55.49	RT	298.09	22.1
		TOTAL:		45

PIPE UNDERDRAINS

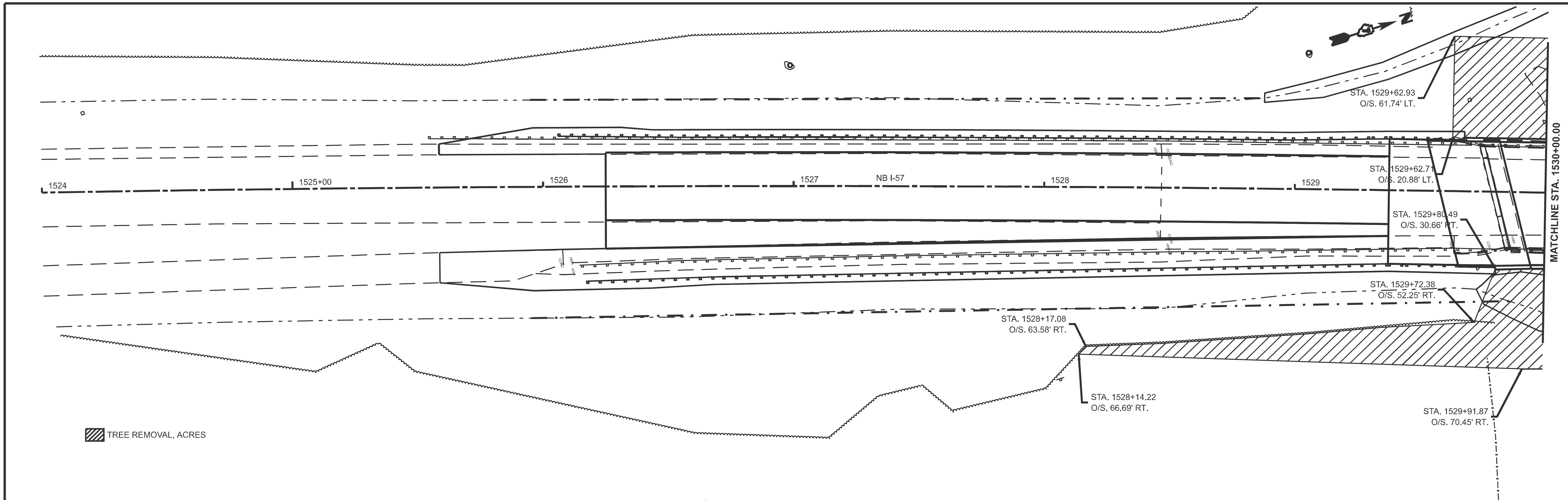
STATIONING		SIDE	PIPE UNDERDRAINS 6" (MODIFIED)
FROM	TO		FEET
NB I-57			
1531+72	1534+55	LT	283
1531+72	1534+55	RT	283
		TOTAL:	566

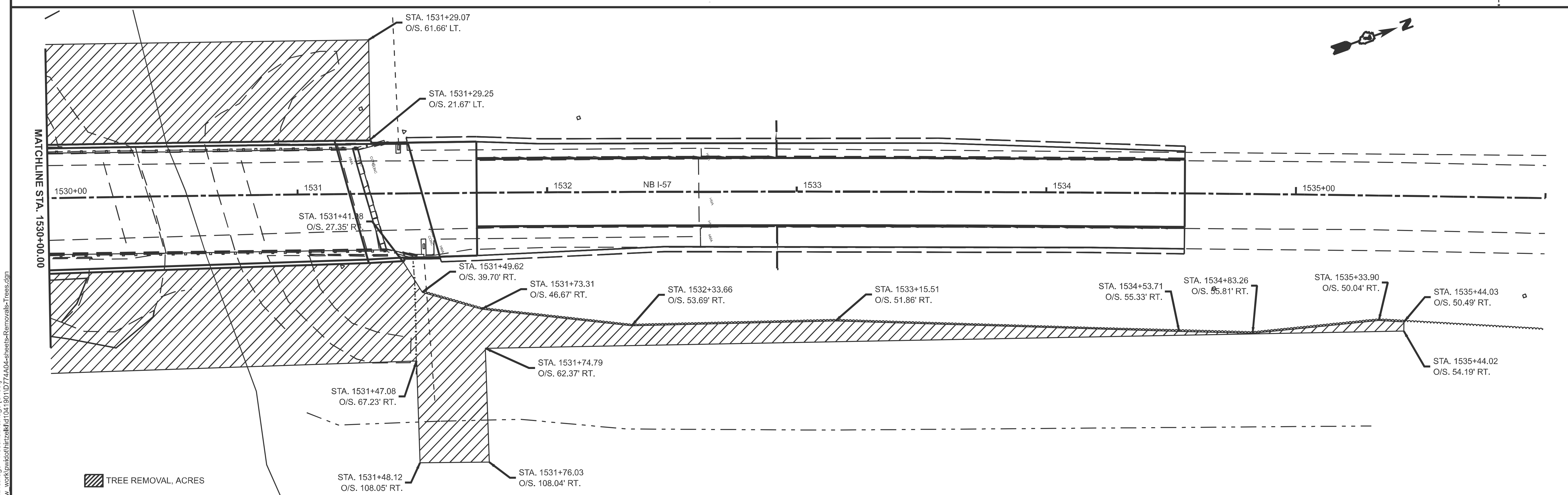
PCC SHOULDERS

STATIONING		SIDE	LEGNTH	WIDTH	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SHOULDER RUMBLE STRIPS, 16 INCH
FROM	TO		FEET	FEET	SQ YD	FOOT
NB I-57						
1525+58.6	1525+96.0	LT	37.4	4.3-10	29.7	37.4
1525+96.0	1526+31.0	LT	35.0	10.0	38.9	35.0
1526+31.0	1526+43.7	LT	12.7	10-9	13.4	12.7
1526+43.7	1529+37.5	LT	293.8	9.0	293.8	293.8
1529+37.5	1529+67.5	LT	30.0	3.0	10.0	30.0
1529+67.5	1531+71.8	LT	204.3	-	-	-
1531+71.8	1531+97.0	LT	25.2	7-6	18.2	25.2
1531+97.0	1533+56.5	LT	159.5	6.0	106.3	159.5
1533+56.5	1534+55.5	LT	99.0	6-3.4	51.7	99.0
				LT TOTAL:	562.0	692.6
1525+58.6	1525+96.2	RT	37.6	12-16	58.5	37.6
1525+96.2	1526+42.9	RT	46.7	16.0	83.0	46.7
1526+42.9	1526+68.1	RT	25.2	16-15	43.4	25.2
1526+68.1	1529+37.5	RT	269.4	15	449.0	269.4
1529+37.5	1529+80.5	RT	43.0	3.0	14.3	43.0
1529+80.5	1531+71.8	RT	191.3	-	-	-
1531+71.8	1532+46.8	RT	75.0	11.7-8.5	84.2	75.0
1532+46.8	1534+55.5	RT	208.7	8.5	197.1	208.7
				RT TOTAL:	929.5	705.6
				PROJECT TOTAL:	1492	1398

PIPE UNDERDRAINS OUTLET

STATION	SIDE	PIPE UNDERDRAINS 6" (SPECIAL)	CLASS SI CONCRETE (MISCELLANEOUS)	REINFORCEMENT BARS	RODENT SHIELDS
		FEET	CU YD	POUND	EACH
NB I-57					
1531+72	LT	15	1.5	35.6	1
1531+72	RT	18	1.5	35.6	1
TOTALS:		33	3	71	2





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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TREE REMOVALS

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 1524+00.00 TO STA. 1536+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	15
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	

STA. 1531+41 LT
PIPE DRAIN REMOVAL, 54 FEET

CONCRETE HEADWALL REMOVAL (SPECIAL)

STA. 1531+41 LT
REMOVE INLET BOX, 1 EACH

1529 1530+00 1531 EX. S.N. 025-0003 NB I-57 1532 1533 1534

STA. 1531+50 RT
REMOVE INLET BOX, 1 EACH

STA. 1531+50 RT
PIPE DRAIN REMOVAL, 62 FEET

AC AC AC AC AC AC

MODEL: 57CLNB - Drainage [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkd\d1041901\D774A04-sheets-Removals-Drainage.dgn

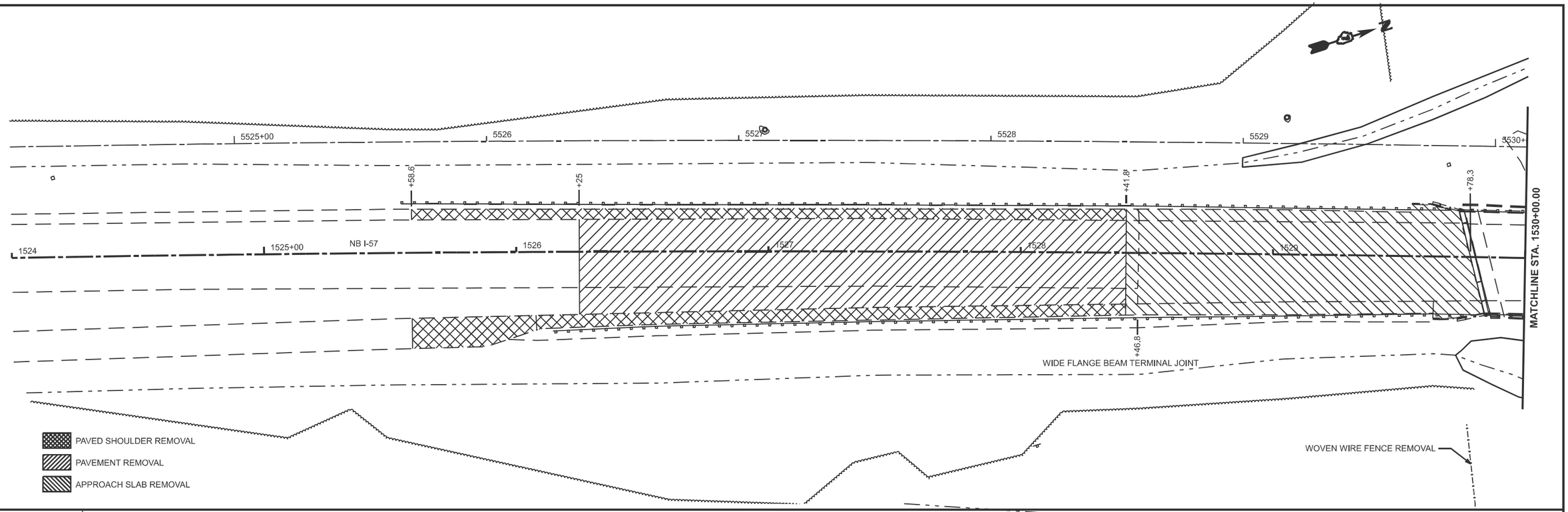
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/6/2025	DATE -	REVISED -	

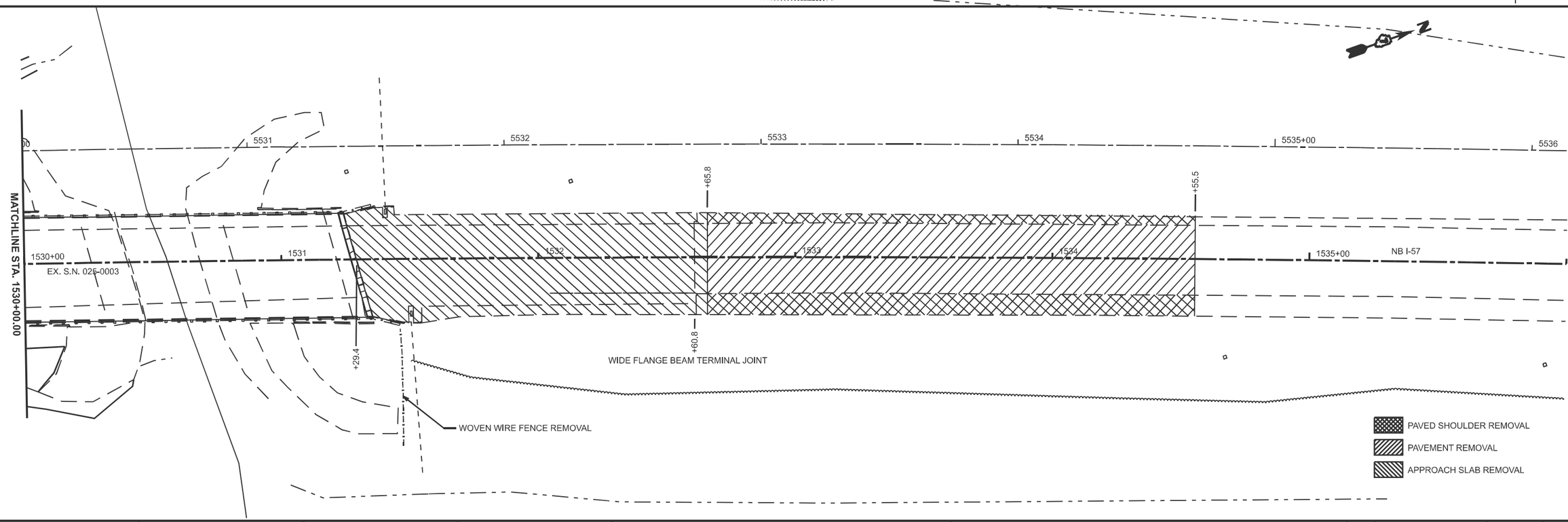
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVALS

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 1529+00.00 TO STA. 1535+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	16
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		





MODEL: NB57 - NB57 [Sheet]
FILE NAME: c:\pw_work\dot\hirtzelkld\d1041901\D7774A04-sheets-Removals-Roadway.dgn

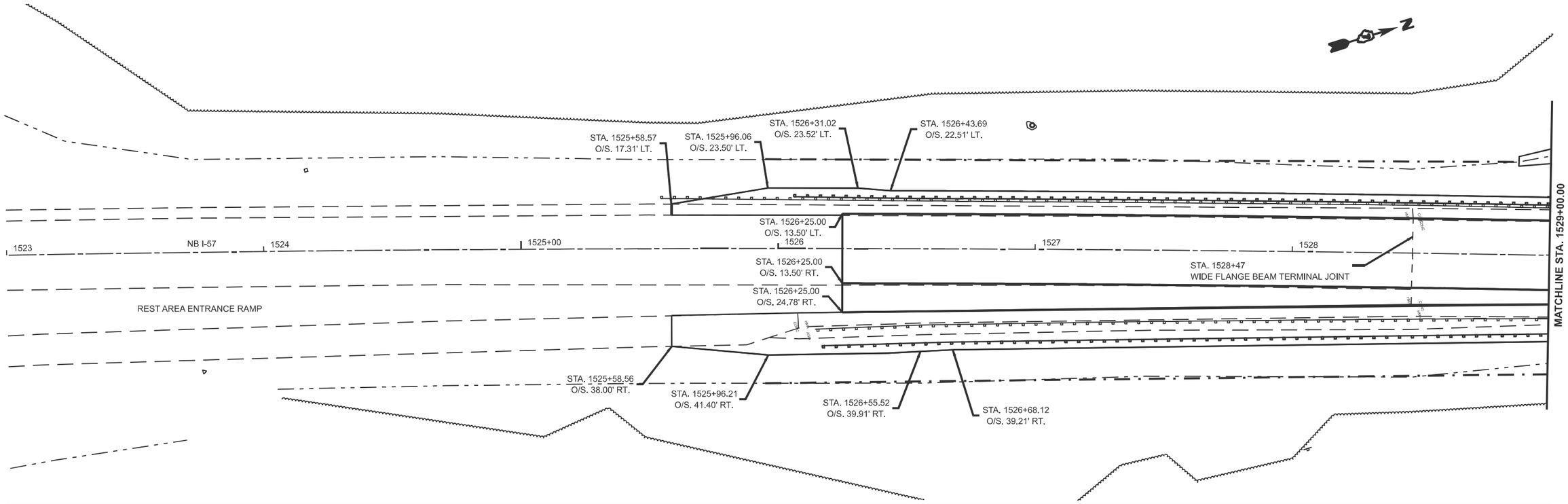
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVALS

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 1524+00.00 | TO STA. 1536+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	17
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



MODEL: 57CLNB - NB I-57 Plan [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd1\d1041901\D774A04-sheets-Plan.dgn

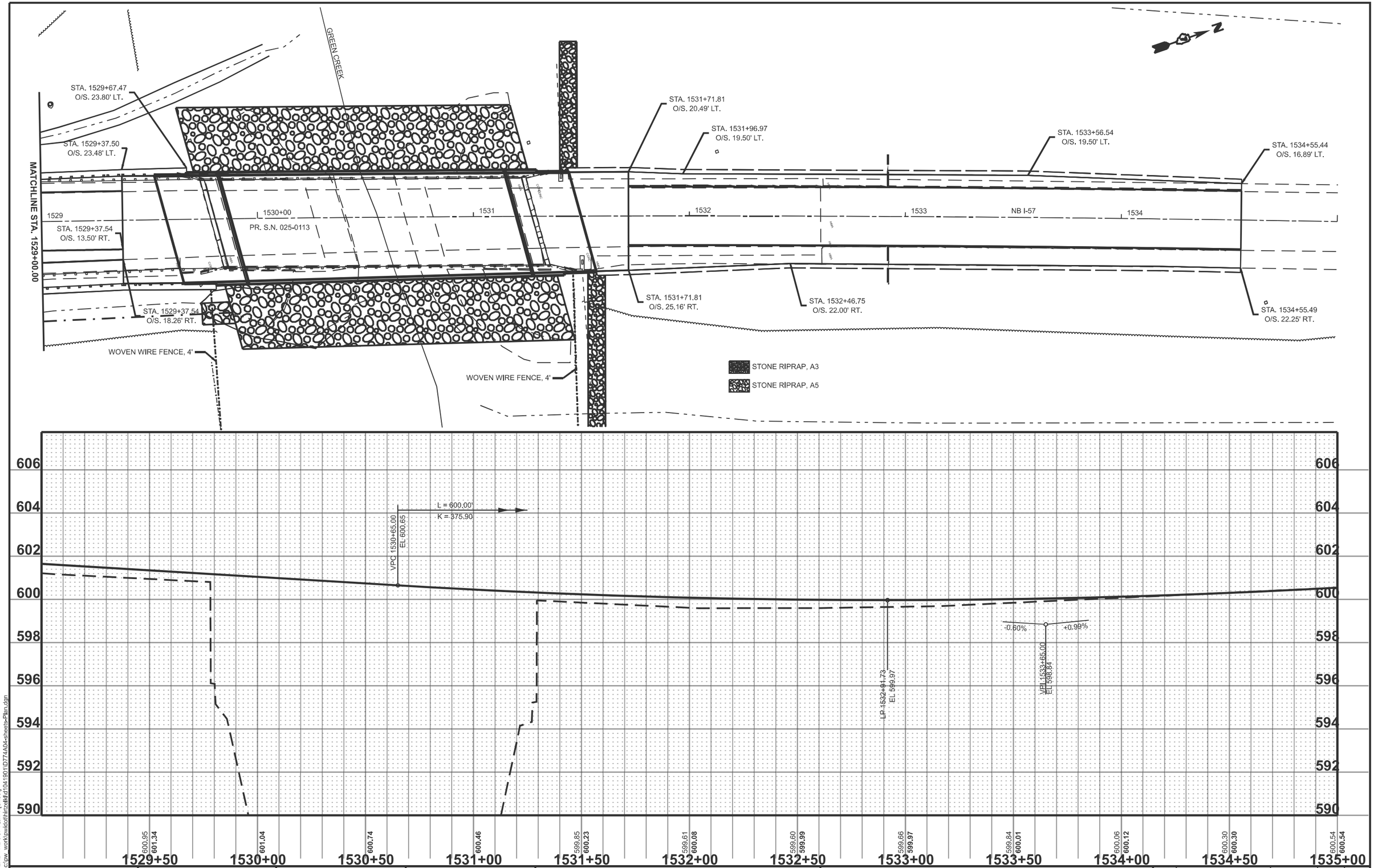
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS

SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 1523+00.00 | TO STA. 1529+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	18
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



MODEL: 57CLNB - NB I-57 Plan-1 [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd1041901\D774A04-sheets-Plan.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS

SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 1529+00.00 | TO STA. 1535+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	19
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

PRECAST REINFORCED CONCRETE FLARED END SECTIONS,
EQUIVALENT ROUND SIZE 24", 1 EACH
STA. 5452+31.5, OFFSET = 0'
INV. ELEV 618.98

INLETS, TYPE A, TYPE 8 GRATE, 1 EACH
STA. 5454+93, OFFSET = 18.0' LT
GRATE ELEV. 620.93
INV. ELEV. 819.02

PIPE UNDERDRAIN OUTLET
EXTENSION FOR 6" PIPE, 1 EACH
(TIE INTO INLET)
CONCRETE HEADWALL REMOVAL (SPECIAL)

PIPE CULVETS, CLASS A, TYPE 1,
EQUIVALENT ROUND SIZE 24"
L = 324', SLOPE = 0.30%

PRECAST REINFORCED CONCRETE FLARED END SECTIONS,
EQUIVALENT ROUND SIZE 24", 1 EACH
STA. 5458+20.5, OFFSET = 0'
INV. ELEV. 617.25

PIPE CULVERTS, CLASS A, TYPE 1 15"
L = 13.5', SLOPE = 3.00%

SB I-57

SEE DETAIL A

SEE DETAIL A

SEE DETAIL C

SEE DETAIL C

5447 5448 5449 5450+00 5451 5452 5453 5454 5455+00 5456 5457 5458 5459 5460+00 5461

NB I-57

SEE DETAIL B

SEE DETAIL B

SEE DETAIL D

SEE DETAIL D

PIPE CULVERTS, CLASS A, TYPE 1,
EQUIVALENT ROUND SIZE 24"
L = 258', SLOPE = 0.30%

MANHOLES, TYPE A, 7'-DIAMETER,
TYPE 1 FRAME, OPEN LID, 1 EACH
STA. 5454+93, OFFSET = 0'
LID ELEV. 621.23
INV. ELEV. 618.21 (N & S)
INV. ELEV. 618.62 (E & W)

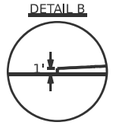
PIPE CULVERTS, CLASS A, TYPE 1 15"
L = 13.5', SLOPE = 3.00%

PIPE UNDERDRAIN OUTLET
EXTENSION FOR 6" PIPE, 1 EACH
(TIE INTO INLET)
CONCRETE HEADWALL REMOVAL (SPECIAL)

PIPE UNDERDRAIN OUTLET
EXTENSION FOR 6" PIPE, 2 EACH
(TIE INTO PIPE CULVERT)
CONCRETE HEADWALL REMOVAL (SPECIAL)

DETAIL A

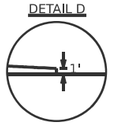
DETAIL B



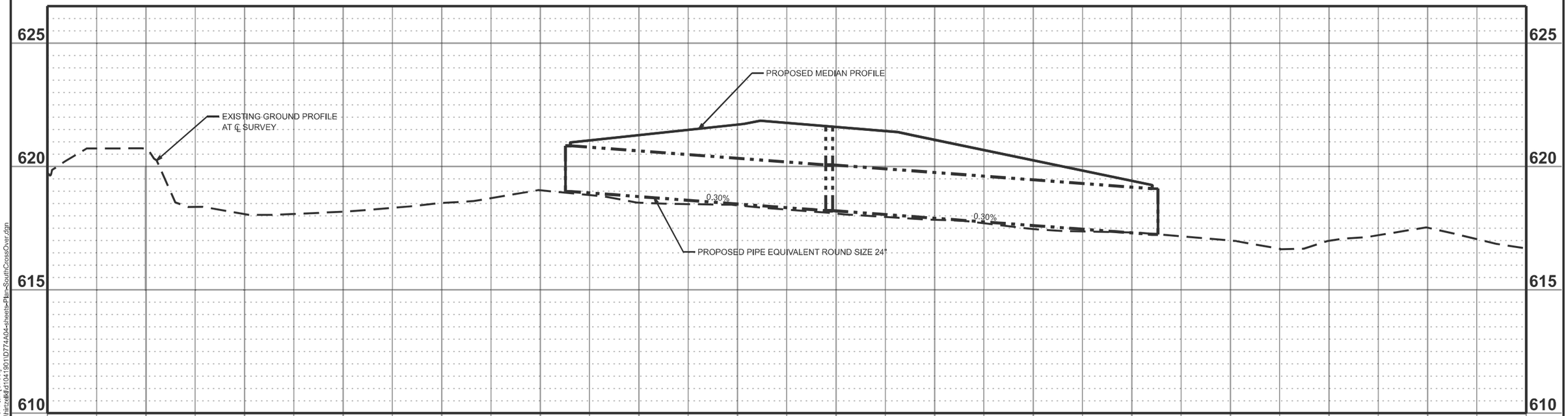
INLETS, TYPE A, TYPE 8 GRATE, 1 EACH
STA. 5454+93, OFFSET = 18.0' RT
GRATE ELEV. 621.03
INV. ELEV. 619.02

DETAIL C

DETAIL D



CLOSE CROSSOVER WHEN NOT IN USE WITH DRUMS
LOCATED ON 10' CENTERS AT ℄ OF I-57.
COST INCLUDED IN TRAFFIC CONTROL ITEMS



MODEL: ExCL - South CrossOver Plan [Sheet]
FILE NAME: c:\pw_work\pwidothirtzelkld\d0419010774A04-sheets-Plan-SouthCrossOver.dgn

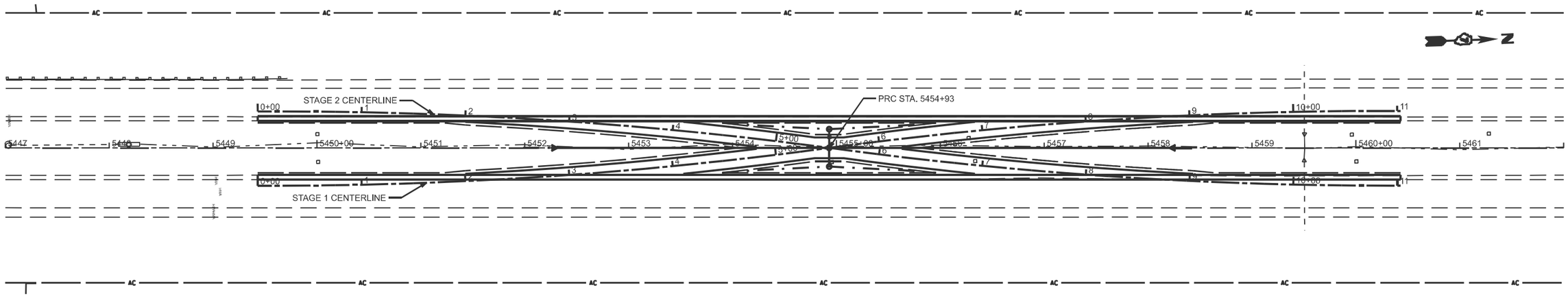
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
SOUTH MEDIAN CROSSOVER

SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. 5447+00.00 | TO STA. 5462+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	20
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



PR CURVE STAGE1CL_SC01
PI STA = 2+76.29
Δ = 07°54'09" (LT)
D = 01°25'57"
R = 4,000.00'
T = 276.29'
L = 551.70'
E = 9.53'
PC STA = 0+00.00
PT STA = 5+51.70

PR CURVE STAGE2CL_SC01
PI STA = 2+76.24
Δ = 07°54'04" (RT)
D = 01°25'57"
R = 4,000.00'
T = 276.24'
L = 551.60
E = 9.53'
PC STA = 0+00.00
PT STA = 5+51.60

PR CURVE STAGE1_SC02
PI STA = 8+27.95
Δ = 07°54'06" (RT)
D = 01°25'57"
R = 4,000.00'
T = 276.25'
L = 551.63
E = 9.53'
PC STA = 5+51.70
PT STA = 11+03.33

PR CURVE STAGE2CL_SC02
PI STA = 8+27.88
Δ = 07°54'09" (LT)
D = 01°25'57"
R = 4,000.00'
T = 276.28'
L = 551.69'
E = 9.53'
PC STA = 5+51.60
PT STA = 11+03.29

SOUTH CROSSOVER OFFSET AND ELEVATION DATA

C.L. STATION	STAGE 1 C.L.	STAGE 2 C.L.	E.O.P. LEFT OF C.L.		E.O.P. LEFT OF C.L.		BREAK POINT LEFT		E.O.P. RIGHT OF C.L.		E.O.P. RIGHT OF C.L.		BREAK POINT RIGHT	
I-57	OFFSET (FT)	OFFSET (FT)	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.
5449+42.95	36.50	-35.01	-	-	-	-	-30.50	622.33	-	-	-	-	30.50	622.52
5449+50	36.51	-35.04	-	-	-	-	-30.50	622.33	-	-	-	-	30.50	622.53
5449+75	36.46	-35.06	-	-	-	-	-30.50	622.38	-	-	-	-	30.50	622.53
5450+00	36.25	-34.91	-	-	-	-	-30.50	622.43	-	-	-	-	30.50	622.54
5450+25	35.00	-34.61	-	-	-	-	-30.50	622.43	-	-	-	-	30.50	622.54
5450+50	35.36	-34.16	-	-	-	-	-30.50	622.43	-	-	-	-	30.50	622.54
5450+75	34.68	-33.54	-	-	-	-	-30.50	622.42	-	-	-	-	30.50	622.54
5451+00	33.84	-32.77	-	-	-	-	-30.50	622.42	-	-	-	-	30.50	622.54
5451+25	32.85	-31.85	-	-	-	-	-30.50	622.43	-	-	-	-	30.50	622.55
5451+50	31.70	-30.76	-24.62	622.23	-	-	-30.50	622.44	24.62	622.35	-	-	30.50	622.57
5451+75	30.39	-29.53	-23.25	622.20	-	-	-30.50	622.45	23.25	622.31	-	-	30.50	622.58
5452+00	28.93	-28.13	-21.71	622.17	-	-	-30.50	622.46	21.71	622.26	-	-	30.50	622.59
5452+25	27.31	-26.58	-20.02	622.13	-	-	-30.50	622.47	20.02	622.22	-	-	30.50	622.60
5452+50	25.53	-24.87	-18.17	622.10	-	-	-30.50	622.47	18.17	622.18	-	-	30.50	622.61
5452+75	23.59	-23.00	-16.16	622.07	-	-	-30.50	622.48	16.16	622.13	-	-	30.50	622.62
5453+00	21.50	-20.97	-14.00	622.04	-	-	-30.50	622.49	14.00	622.09	-	-	30.50	622.62
5453+25	19.25	-18.79	-11.67	622.00	-	-	-30.50	622.49	11.67	622.05	-	-	30.50	622.62
5453+50	16.84	-16.45	-9.19	621.97	-	-	-30.50	622.50	9.19	622.00	-	-	30.50	622.61
5453+76	14.27	13.95	6.55	621.94	22.64	622.27	30.50	622.51	6.55	621.96	22.64	622.30	30.50	622.60
5454+00	11.54	-11.29	-3.75	621.91	-19.85	622.23	-30.50	622.50	3.75	621.92	19.85	622.19	30.50	622.59
5454+25	8.66	-8.47	-	-	-16.90	622.19	-30.50	622.48	-	-	16.90	622.17	30.50	622.57
5454+50	5.61	-5.50	-	-	-13.80	622.06	-30.50	622.46	-	-	13.80	621.98	30.50	622.56
5454+75	2.41	-2.36	-	-	-10.53	621.92	-30.50	622.44	-	-	10.53	621.89	30.50	622.54
5454+93	0.00	0.00	-	-	-10.00	621.83	-30.50	622.43	-	-	10.00	621.83	30.50	622.53
5455+00	-0.93	0.94	-	-	-10.00	621.82	-30.50	622.42	-	-	10.00	621.82	30.50	622.52
5455+25	-4.16	4.22	-	-	-12.38	621.79	-30.50	622.38	-	-	12.38	621.79	30.50	622.48
5455+50	-7.23	7.33	-	-	-15.56	621.75	-30.50	622.35	-	-	15.56	621.75	30.50	622.43
5455+75	-10.14	10.28	-2.46	621.42	-18.57	621.78	-30.50	622.32	2.47	621.42	18.57	621.79	30.50	622.39
5456+00	-12.89	13.07	-5.34	621.43	-21.44	621.88	-30.50	622.28	5.33	621.44	21.44	621.90	30.50	622.35
5456+25	-15.49	15.70	-8.05	621.44	-24.14	621.97	-30.50	622.23	8.05	621.46	24.14	622.02	30.50	622.29
5456+50	-17.92	18.17	-10.60	621.45	-	-	-30.50	621.19	10.60	621.48	-	-	30.50	622.23
5456+75	-20.19	20.49	-12.99	621.46	-	-	-30.50	622.14	13.00	621.49	-	-	30.50	622.17
5457+00	-22.31	22.65	-15.23	621.47	-	-	-30.50	622.09	15.23	621.51	-	-	30.50	622.11
5457+25	-24.27	24.65	-17.31	621.49	-	-	-30.50	622.03	17.31	621.53	-	-	30.50	622.06
5457+50	-26.07	26.49	-19.23	621.50	-	-	-30.50	621.97	19.23	621.54	-	-	30.50	622.01
5457+75	-27.71	28.17	-20.99	621.51	-	-	-30.50	621.91	20.99	621.56	-	-	30.50	621.96
5458+00	-29.20	29.70	-22.59	621.52	-	-	-30.50	621.84	22.59	621.58	-	-	30.50	621.90
5458+25	-30.53	31.07	-24.04	621.53	-	-	-30.50	621.78	24.04	621.59	-	-	30.50	621.85
5458+50	-31.70	32.28	-	-	-	-	-30.50	621.72	-	-	-	-	30.50	621.79
5458+75	-32.72	33.34	-	-	-	-	-30.50	621.66	-	-	-	-	30.50	621.73
5459+00	-33.58	34.24	-	-	-	-	-30.50	621.61	-	-	-	-	30.50	621.68
5459+25	-34.28	34.98	-	-	-	-	-30.50	621.55	-	-	-	-	30.50	621.61
5459+50	-34.83	35.57	-	-	-	-	-30.50	621.48	-	-	-	-	30.50	621.55
5459+75	-35.22	36.00	-	-	-	-	-30.50	621.42	-	-	-	-	30.50	621.48
5460+00	-35.45	36.27	-	-	-	-	-30.50	621.36	-	-	-	-	30.50	621.41
5460+25	-35.53	36.39	-	-	-	-	-30.50	621.30	-	-	-	-	30.50	621.35
5460+43.05	-35.49	36.38	-	-	-	-	-30.50	621.26	-	-	-	-	30.50	621.30

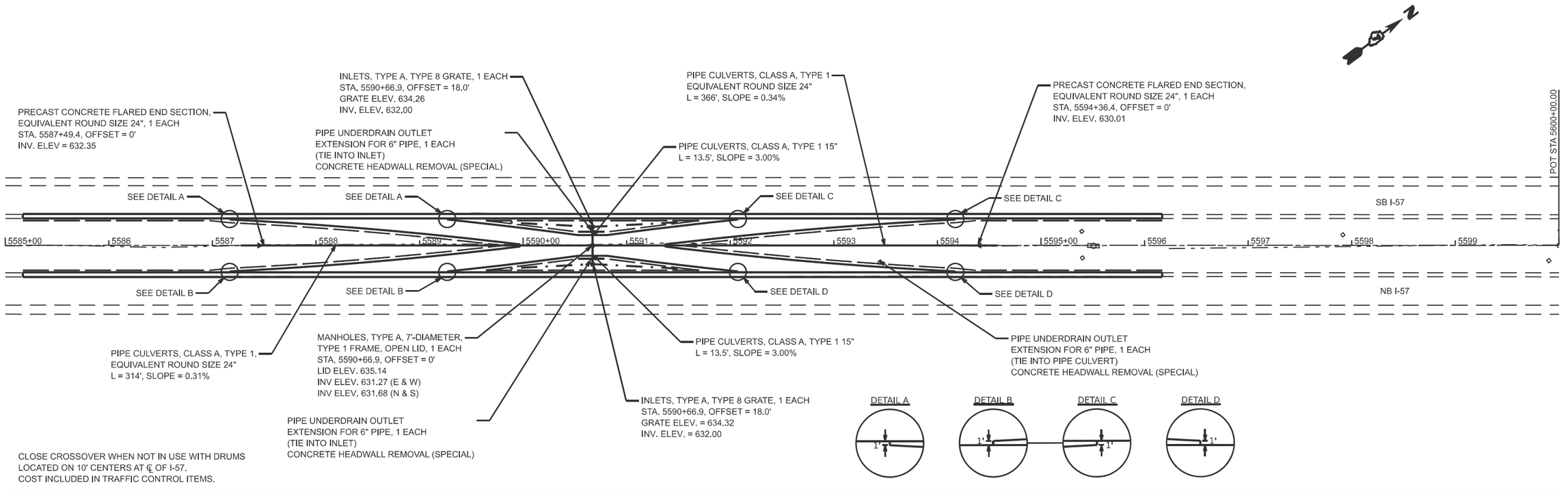
MODEL: ExCL - Plan 1 [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkd\d1041901\D774A04-sheets-Plan-SouthCrossOver_Elev.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

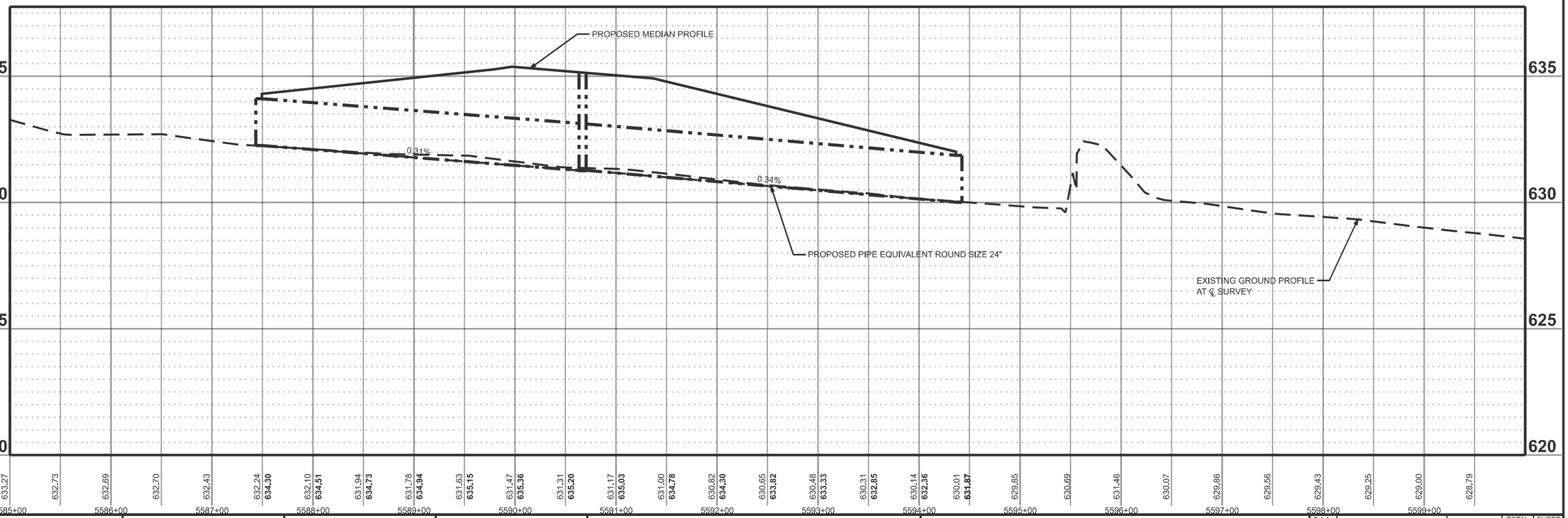
SOUTH MEDIAN CROSSOVER ELEVATIONS & OFFSETS

SCALE: 1"=50' | SHEET 2 OF 4 SHEETS | STA. 5447+00.00 | TO STA. 5462+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	21
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



CLOSE CROSSOVER WHEN NOT IN USE WITH DRUMS
LOCATED ON 10' CENTERS AT ℄ OF I-57.
COST INCLUDED IN TRAFFIC CONTROL ITEMS.



MODEL: ExCL - North CrossOver [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkd\d1041901\D774A04-sheets-Plan_NorthCrossOver.dgn

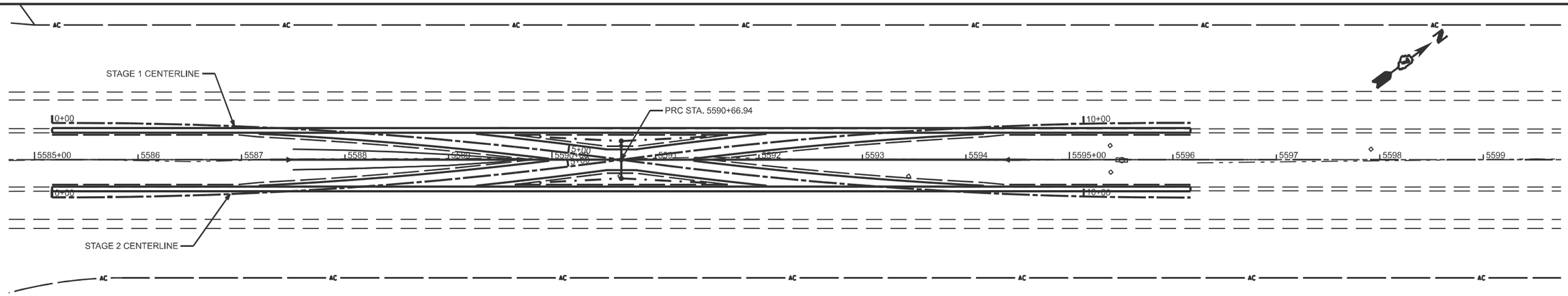
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/6/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
NORTH MEDIAN CROSSOVER

SCALE: 1"=50' | SHEET 3 OF 4 SHEETS | STA. 5585+00.00 | TO STA. 5600+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	22
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



PR CURVE STAGE1_NC01
PI STA = 2+76.25
Δ = 07°54'05" (RT)
D = 01°25'57"
R = 4,000.00'
T = 276.25'
L = 551.63
E = 9.53'
PC STA = 0+00.00
PT STA = 5+51.63

PR CURVE STAGE2_NC01
PI STA = 2+76.28
Δ = 07°54'08" (LT)
D = 01°25'57"
R = 4,000.00'
T = 276.28'
L = 551.69'
E = 9.53'
PC STA = 0+00.00
PT STA = 5+51.69

PR CURVE STAGE1_NC02
PI STA = 8+27.92
Δ = 07°54'09" (LT)
D = 01°25'57"
R = 4,000.00'
T = 276.29'
L = 551.70'
E = 9.53'
PC STA = 5+51.63
PT STA = 11+03.33

PR CURVE STAGE2_NC02
PI STA = 8+27.94
Δ = 07°54'06" (RT)
D = 01°25'57"
R = 4,000.00'
T = 276.26'
L = 551.64
E = 9.53'
PC STA = 5+51.69
PT STA = 11+03.32

NORTH CROSSOVER ELEVATION AND OFFSET DATA

C.L. STATION	STAGE 1 C.L.	STAGE 2 C.L.	E.O.P. LEFT OF C.L.		E.O.P. LEFT OF C.L.		BREAK POINT LEFT		E.O.P. RIGHT OF C.L.		E.O.P. RIGHT OF C.L.		BREAK POINT RIGHT	
I-57	OFFSET (FT)	OFFSET (FT)	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.	OFFSET (FT)	ELEV.
5585+16.88	-35.45	36.32	-	-	-	-	-30.50	636.68	-	-	-	-	30.50	636.81
5585+25	-35.48	36.34	-	-	-	-	-30.50	363.69	-	-	-	-	30.50	636.81
5585+50	-35.47	36.28	-	-	-	-	-30.50	636.70	-	-	-	-	30.50	636.81
5585+75	-35.30	36.08	-	-	-	-	-30.50	363.68	-	-	-	-	30.50	636.78
5586+00	-34.97	35.71	-	-	-	-	-30.50	636.66	-	-	-	-	30.50	636.76
5586+25	-34.49	35.19	-	-	-	-	-30.50	636.63	-	-	-	-	30.50	636.73
5586+50	-33.85	34.51	-	-	-	-	-30.50	636.60	-	-	-	-	30.50	636.71
5586+75	-33.05	33.67	-	-	-	-	-30.50	636.58	-	-	-	-	30.50	636.68
5587+00	-32.10	32.68	-	-	-	-	-30.50	636.55	-	-	-	-	30.50	636.65
5587+25	-30.99	31.53	-24.57	636.31	-	-	-30.50	636.53	24.57	636.40	-	-	30.50	636.62
5587+50	-29.73	30.22	-23.18	636.23	-	-	-30.50	636.51	23.18	636.31	-	-	30.50	636.59
5587+75	-28.31	28.77	-21.65	636.14	-	-	-30.50	636.48	21.64	636.22	-	-	30.50	636.56
5588+00	-26.72	27.15	-19.95	636.06	-	-	-30.50	636.45	19.95	636.12	-	-	30.50	636.52
5588+25	-24.98	25.37	-18.09	635.97	-	-	-30.50	636.42	18.09	636.03	-	-	30.50	636.48
5588+50	-23.09	23.44	-16.07	635.89	-	-	-30.50	636.39	16.07	635.94	-	-	30.50	636.44
5588+75	-21.04	21.34	-13.90	635.81	-	-	-30.50	636.38	13.90	635.85	-	-	30.50	636.41
5589+00	-18.83	19.10	-11.57	635.72	-	-	-30.50	636.37	11.57	635.75	-	-	30.50	636.38
5589+25	-16.46	16.68	-9.08	635.64	-	-	-30.50	636.36	9.08	635.66	-	-	30.50	636.35
5589+50	-13.94	14.12	-6.43	635.55	-22.53	636.01	-30.50	636.33	6.43	635.57	22.53	636.01	30.50	363.32
5589+75	-11.25	11.39	-3.63	635.47	-19.73	635.85	-30.50	636.29	3.63	635.48	19.73	635.85	30.50	636.29
5590+00	-8.40	8.51	-	-	-16.77	635.70	-30.50	636.23	-	-	16.77	635.77	30.50	636.25
5590+25	-5.40	5.47	-	-	-13.66	635.57	-30.50	636.16	-	-	13.66	635.57	30.50	636.21
5590+50	-2.23	2.26	-	-	-10.38	635.43	-30.50	636.10	-	-	10.38	635.43	30.50	636.16
5590+66.94	0.00	0.00	-	-	-10.00	635.34	-30.50	636.06	-	-	10.00	635.34	30.50	636.12
5590+75	1.09	-1.08	-	-	-10.00	635.33	-30.50	636.04	-	-	10.00	635.33	30.50	636.10
5591+00	4.36	-4.30	-	-	-12.51	635.30	-30.50	635.98	-	-	12.51	635.30	30.50	636.03
5591+25	7.47	-7.36	-	-	-15.69	635.27	-30.50	635.92	-	-	15.69	635.27	30.50	635.96
5591+50	10.42	-10.27	-2.59	634.93	-18.70	635.30	-30.50	635.86	2.59	634.93	18.70	635.31	30.50	635.90
5591+75	13.21	-13.02	-5.46	634.92	-21.56	635.39	-30.50	635.79	5.46	634.93	21.56	635.41	30.50	635.83
5592+00	15.84	-15.60	-8.16	634.91	-24.25	635.48	-30.50	635.73	8.16	634.92	24.25	635.52	30.50	635.77
5592+25	18.31	-18.03	-10.71	634.90	-	-	-30.50	635.66	10.71	634.92	-	-	30.50	635.70
5592+50	20.62	-20.30	-13.09	634.89	-	-	-30.50	635.60	13.09	634.91	-	-	30.50	635.63
5592+75	22.78	-22.42	-15.32	634.89	-	-	-30.50	635.51	15.32	634.91	-	-	30.50	635.54
5593+00	24.80	-24.37	-17.39	634.88	-	-	-30.50	635.42	17.39	634.90	-	-	30.50	635.45
5593+25	26.62	-26.17	-19.31	634.87	-	-	-30.50	635.34	19.31	634.90	-	-	30.50	635.37
5593+50	28.30	-27.81	-21.06	634.86	-	-	-30.50	635.25	21.06	634.90	-	-	30.50	635.28
5593+75	29.83	-29.29	-22.66	634.85	-	-	-30.50	635.17	22.66	634.89	-	-	30.50	635.21
5594+00	31.20	-30.62	-24.10	634.84	-	-	-30.50	635.09	24.10	634.89	-	-	30.50	635.14
5594+25	32.41	-31.79	-	-	-	-	-30.50	635.01	-	-	-	-	30.50	635.06
5594+50	33.46	-32.80	-	-	-	-	-30.50	634.93	-	-	-	-	30.50	634.99
5594+75	34.36	-33.65	-	-	-	-	-30.50	634.84	-	-	-	-	30.50	634.89
5595+00	34.35	-35.10	-	-	-	-	-30.50	634.75	-	-	-	-	30.50	634.80
5595+25	35.69	-34.90	-	-	-	-	-30.50	634.66	-	-	-	-	30.50	634.71
5595+50	36.12	-35.28	-	-	-	-	-30.50	634.57	-	-	-	-	30.50	634.62
5595+75	36.39	-35.51	-	-	-	-	-30.50	634.49	-	-	-	-	30.50	634.53
5596+00	36.51	-35.58	-	-	-	-	-30.50	634.40	-	-	-	-	30.50	634.44
5596+16.99	36.50	-35.55	-	-	-	-	-30.50	634.34	-	-	-	-	30.50	634.37

MODEL: ExCL - North Xover [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-Plan-NorthCrossover_Elev.dgn

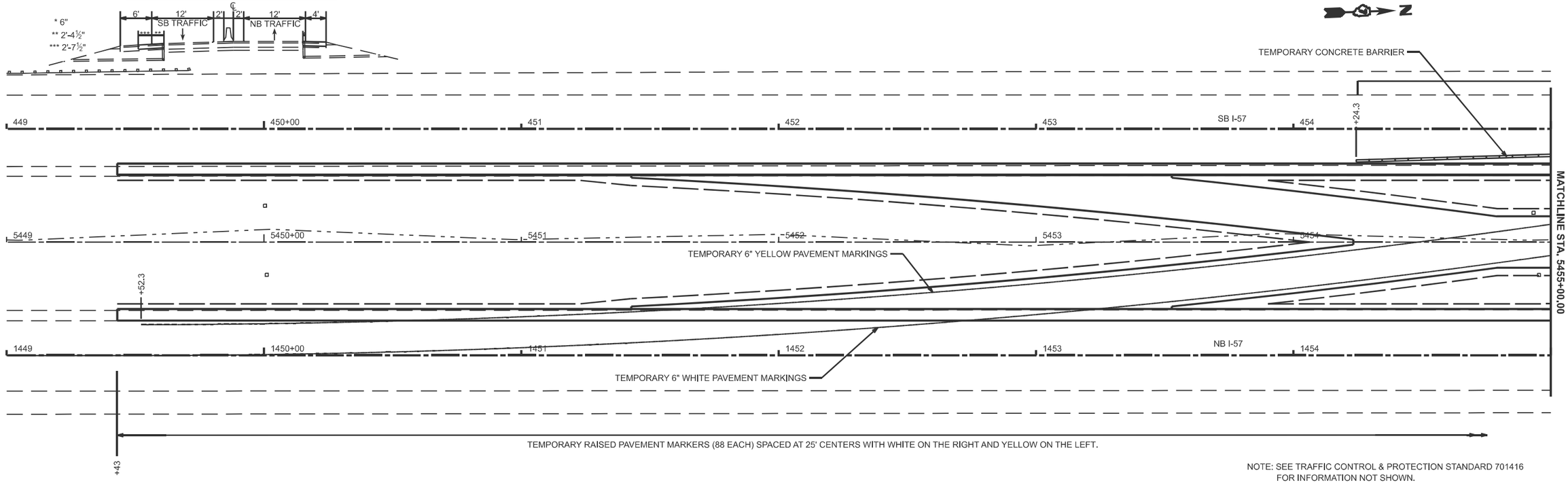
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

NORTH MEDIAN CROSSOVER ELEVATIONS & OFFSETS

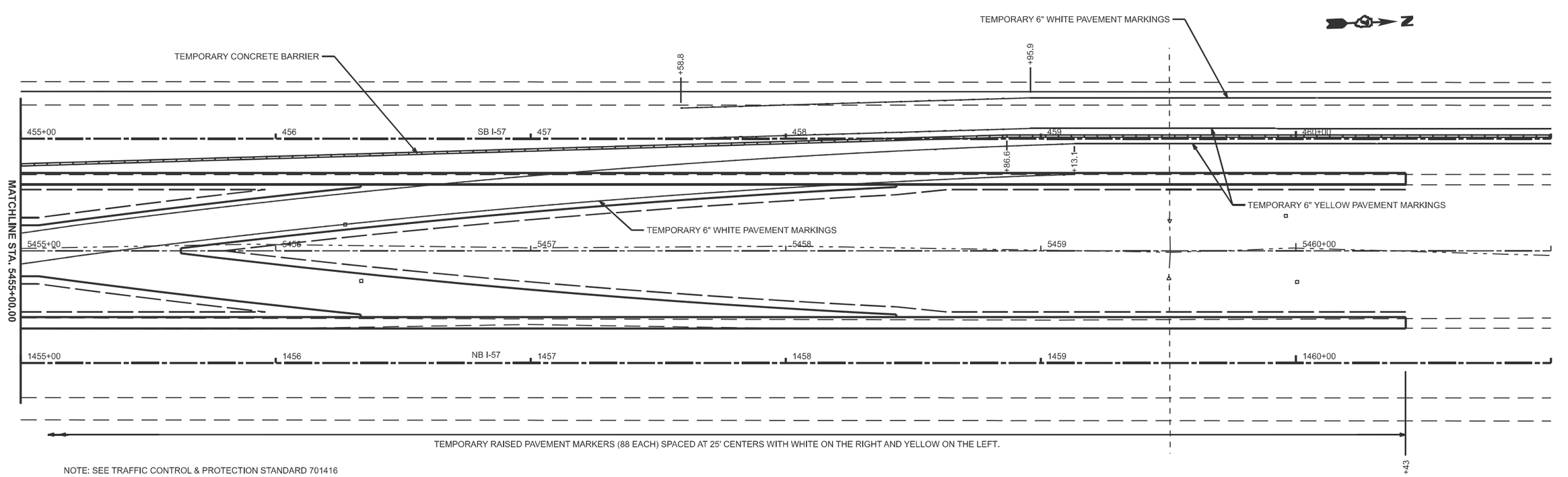
SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 5584+75.00 | TO STA. 5599+75.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	23
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		

STAGED TRAFFIC TYPICAL - SB I-57 LANES



NOTE: SEE TRAFFIC CONTROL & PROTECTION STANDARD 701416
FOR INFORMATION NOT SHOWN.



NOTE: SEE TRAFFIC CONTROL & PROTECTION STANDARD 701416
FOR INFORMATION NOT SHOWN.

MODEL: 57CL - South Median Xover [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-TrafficControlPlan.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

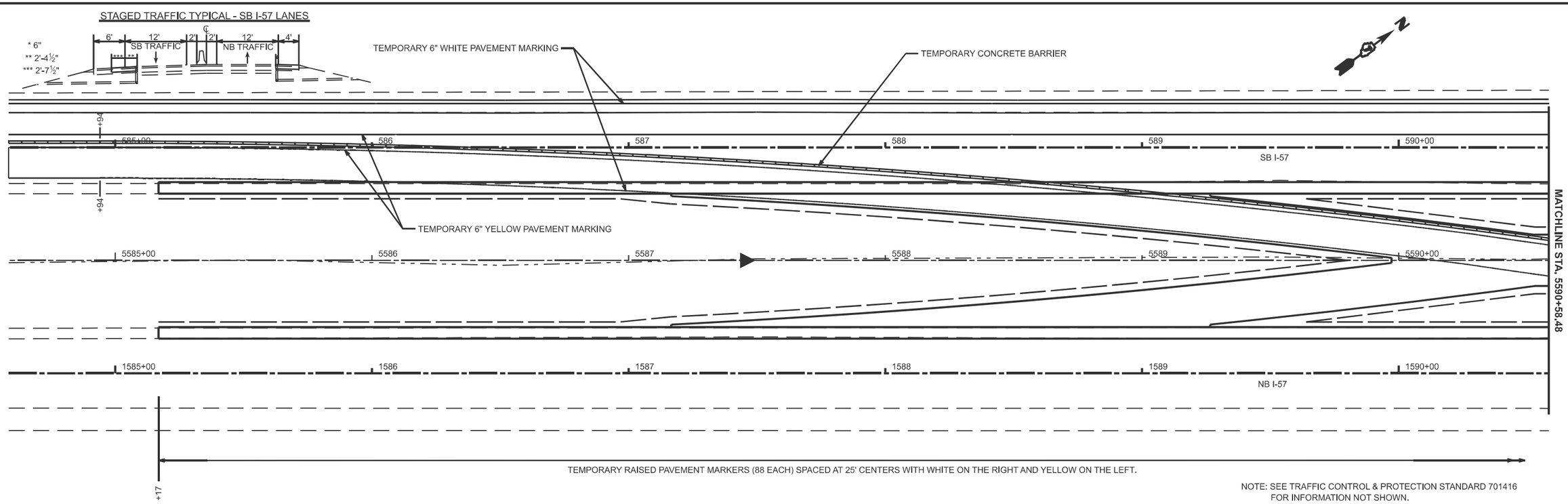
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
SOUTH MEDIAN CROSSOVER

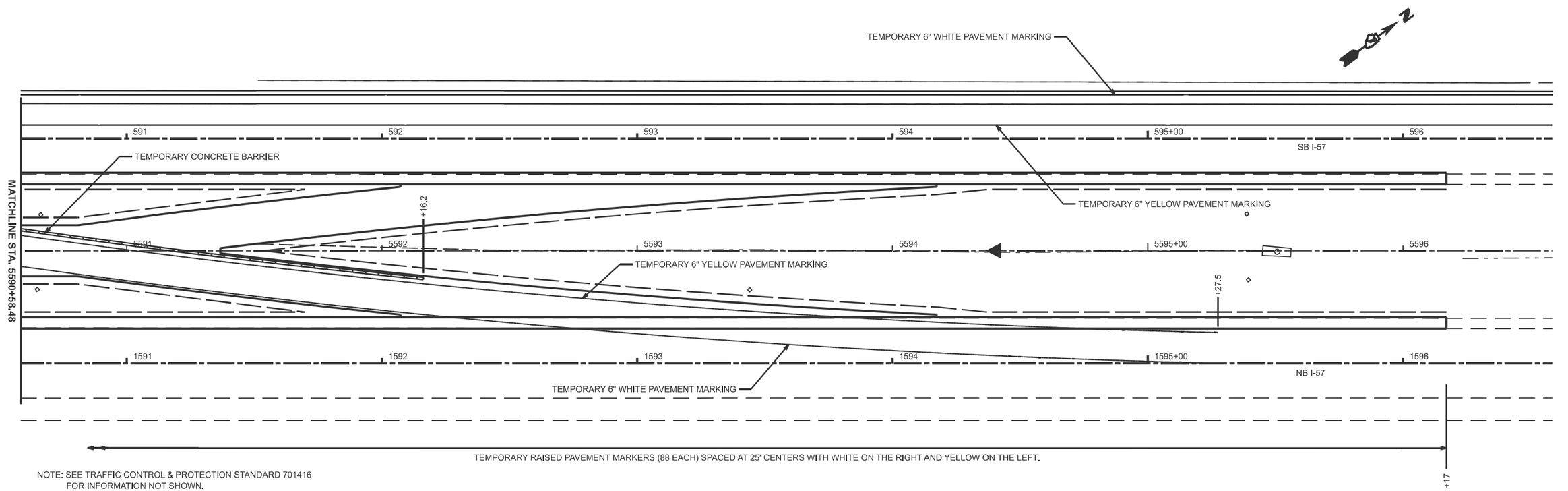
SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 5449+00.00 | TO STA. 5461+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	24
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

STAGED TRAFFIC TYPICAL - SB I-57 LANES



NOTE: SEE TRAFFIC CONTROL & PROTECTION STANDARD 701416
FOR INFORMATION NOT SHOWN.



NOTE: SEE TRAFFIC CONTROL & PROTECTION STANDARD 701416
FOR INFORMATION NOT SHOWN.

MODEL: 57CL - NorthMedian [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-TrafficControlPlan.dgn

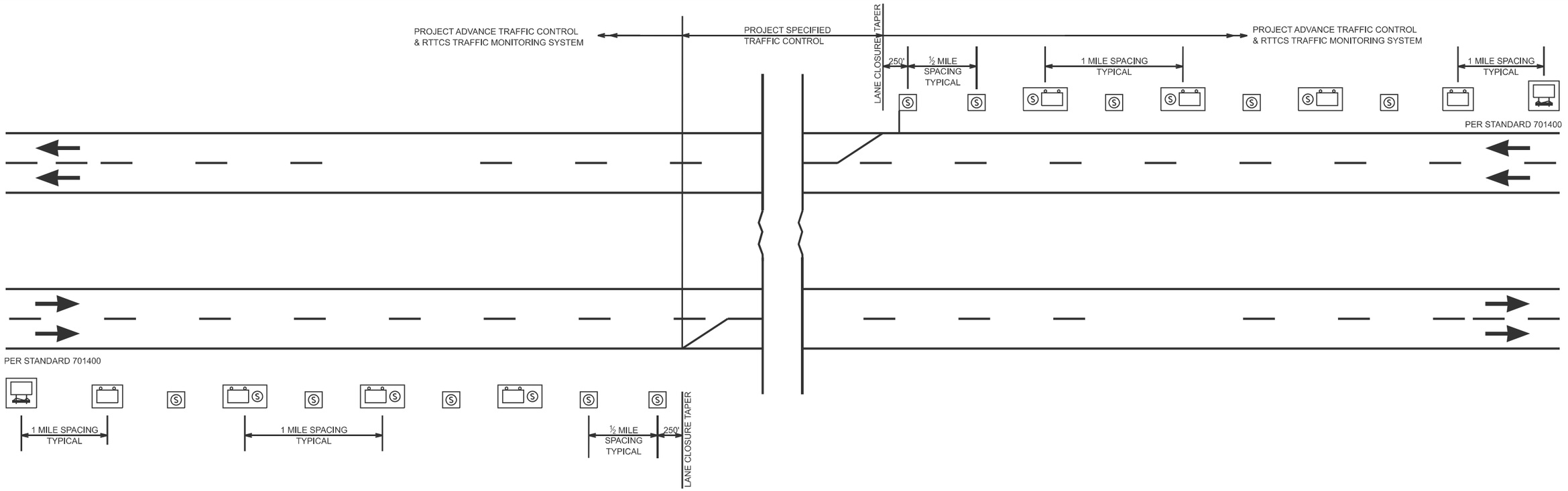
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
NORTH MEDIAN CROSSOVER

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 5584+58.48 | TO STA. 5596+58.48

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	25
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



LEGEND

REAL-TIME TRAFFIC CONTROL WARNING SIGN
PROJECT SIGN SHALL BE 48" X 96" SIGN THAT SAYS
"STOPPED TRAFFIC NEXT MILE WHEN FLASHING".

STOPPED TRAFFIC
NEXT MILE
WHEN FLASHING

SINGLE PORTABLE CHANGEABLE MESSAGE SIGN PLACED 1 MILE
IN ADVANCE OF THE REAL-TIME TRAFFIC CONTROL WARNING SIGN.
IT SHALL READ: "RIGHT/LEFT LANE CLOSED// X MILES AHEAD".
THIS PORTABLE CHANGEABLE MESSAGE SIGN IS INCLUDED IN STANDARD 701400.

Ⓢ REAL-TIME TRAFFIC MONITORING SENSOR UNIT

NOTE:

1. THE NUMBER OF REAL-TIME TRAFFIC CONTROL WARNING SIGNS MAY BE CHANGED AS DIRECTED BY THE ENGINEER. RELOCATION OF THE REAL-TIME TRAFFIC CONTROL STATIC IS INCLUDED IN THE REAL-TIME TRAFFIC CONTROL PAY ITEMS.
2. REAL-TIME TRAFFIC CONTROL MONITORING SENSOR UNITS SPACED APPROXIMATELY EVERY ½ MILE AND REAL-TIME TRAFFIC CONTROL WARNING SIGNS SPACED EVERY 1 MILE OR AS DIRECTED BY THE ENGINEER.
3. THE FIRST REAL-TIME TRAFFIC CONTROL MONITORING SENSOR UNIT IS TO BE PLACED 250 FEET UPSTREAM OF THE TAPER.
4. THE SECOND REAL-TIME TRAFFIC CONTROL MONITORING SENSOR UNIT IS TO BE PLACED 250 FEET IN ADVANCE OF THE RIGHT LANE/LEFT LANE CLOSED ½ MILE SIGN (STANDARD 701400).
5. THE FIRST REAL-TIME TRAFFIC CONTROL WARNING SIGN IS TO BE PLACED 500 FEET IN ADVANCE OF THE RIGHT LANE/LEFT LANE CLOSED 1 MILE SIGN (STANDARD 701400).
6. THE NUMBER OF RTTCS DEVICES MAY BE REDUCED BASED ON THE LOCATION OF THE PORTABLE CHANGEABLE MESSAGE SIGN PER STANDARD 701400.

MODEL: RealTimeTrafficControlSystem [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkld1041901\D774A04-sheets-TrafficControl-RealTimeSystem.dgn

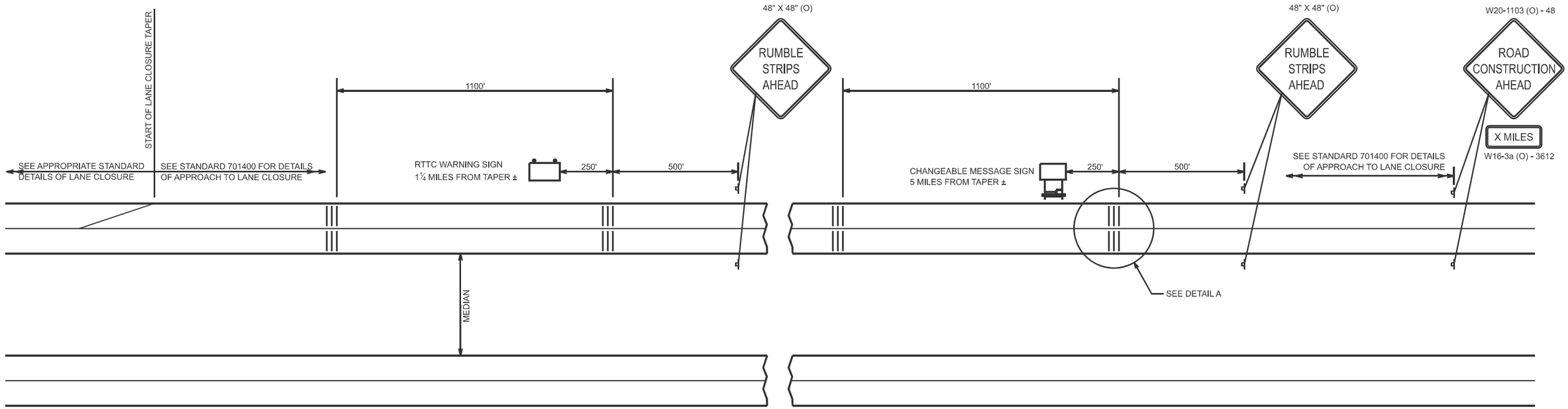
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/6/2025	DATE -	REVISED -

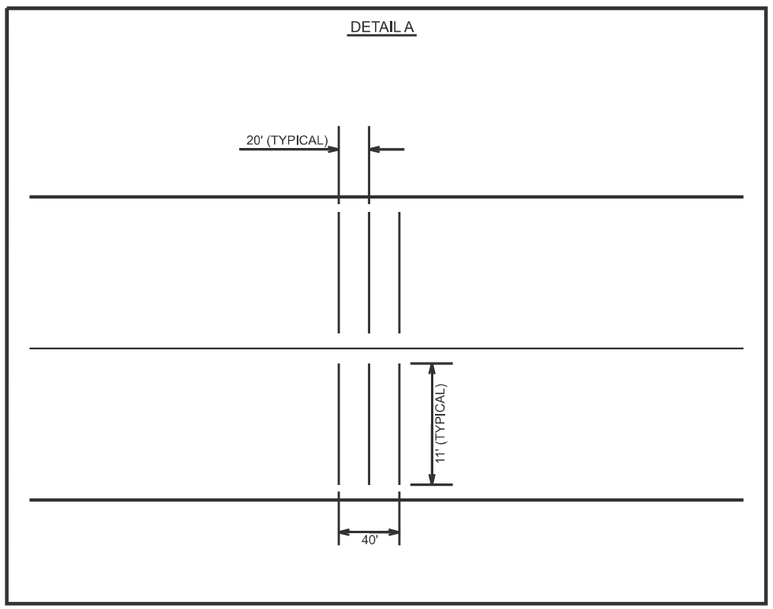
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REAL-TIME TRAFFIC CONTROL SYSTEM

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	26
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	





SYMBOLS

SIGN

TEMPORARY RUMBLE STRIPS

TRAILER MOUNTED SIGN

RTTC WARNING SIGN

GENERAL NOTES:

REMOVE THE TEMPORARY RUMBLE STRIPS (SPECIAL) PRIOR TO THE REMOVAL OF THE ADVANCE WARNING SIGNS.

MODEL: RealTimeTrafficControlSystem-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkl\d1041901\D774A04-sheets-TrafficControl-RealTimeSystem.dgn

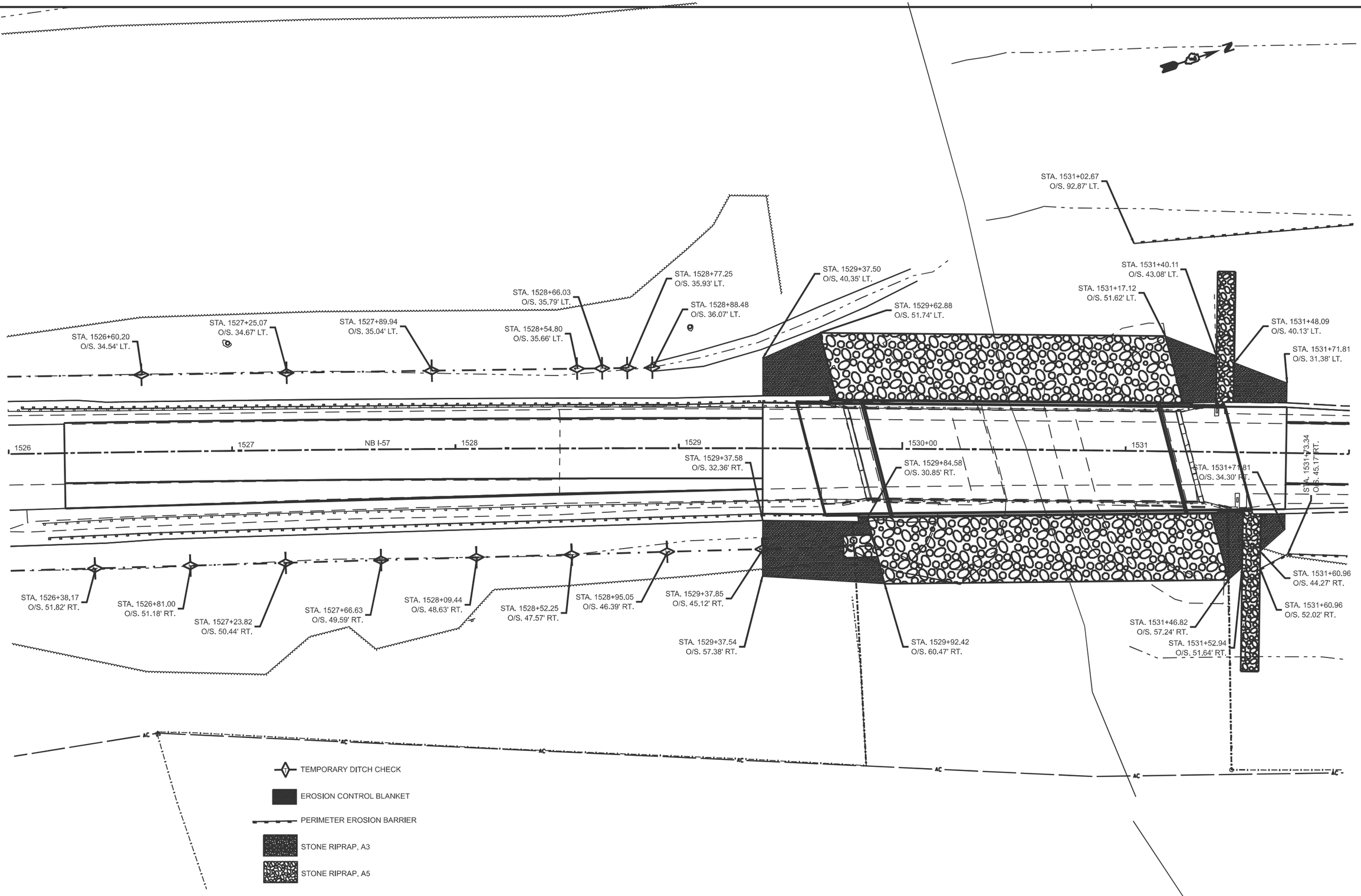
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY RUMBLE STRIPS (SPECIAL)

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	27
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



MODEL: NB57 - Erosion Control [Sheet]
FILE NAME: c:\pw_work\pwtoothirtzelkd\d1041901\D7774A04-sheets-ErosionControl.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 1526+00.00 TO STA. 1532+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	28
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

STA. 1534+19.51
O/S. 88.38' LT.

STA. 1535+58.37
O/S. 46.89' LT.

1532 1533 NB I-57 1534 1535+00 1536 1537

STA. 1535+50.24
O/S. 47.22' RT.

AC AC AC AC AC AC

TEMPORARY DITCH CHECK

EROSION CONTROL BLANKET

PERIMETER EROSION BARRIER

MODEL: NB57 - ErosionControl [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-ErosionControl.dgn

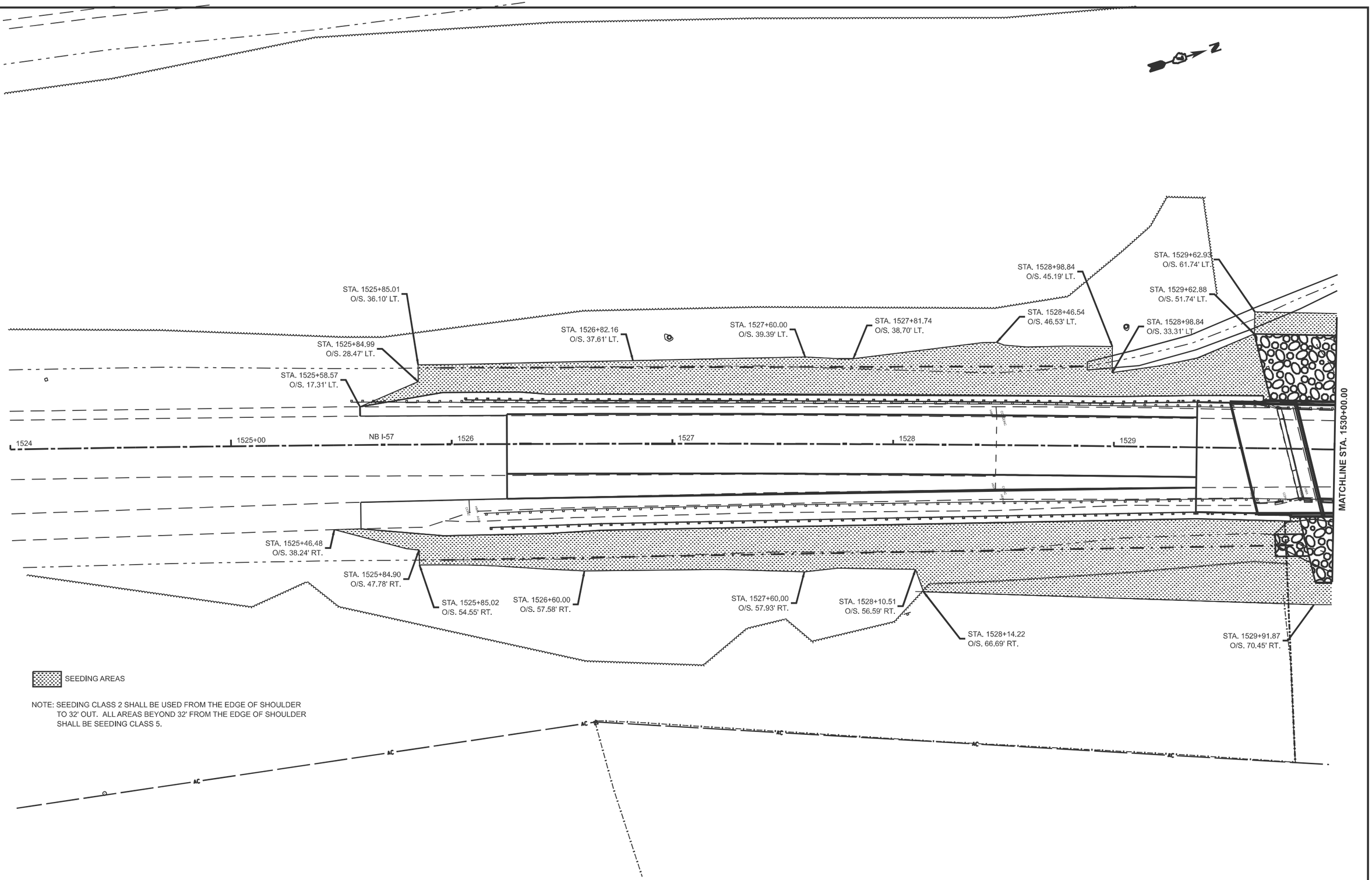
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 1532+00.00 | TO STA. 1538+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	29
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



NOTE: SEEDING CLASS 2 SHALL BE USED FROM THE EDGE OF SHOULDER TO 32' OUT. ALL AREAS BEYOND 32' FROM THE EDGE OF SHOULDER SHALL BE SEEDING CLASS 5.

MODEL: NB57 - Seeding [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzeld\d1041901\D774A04-sheets\ErosionSeeding.dgn

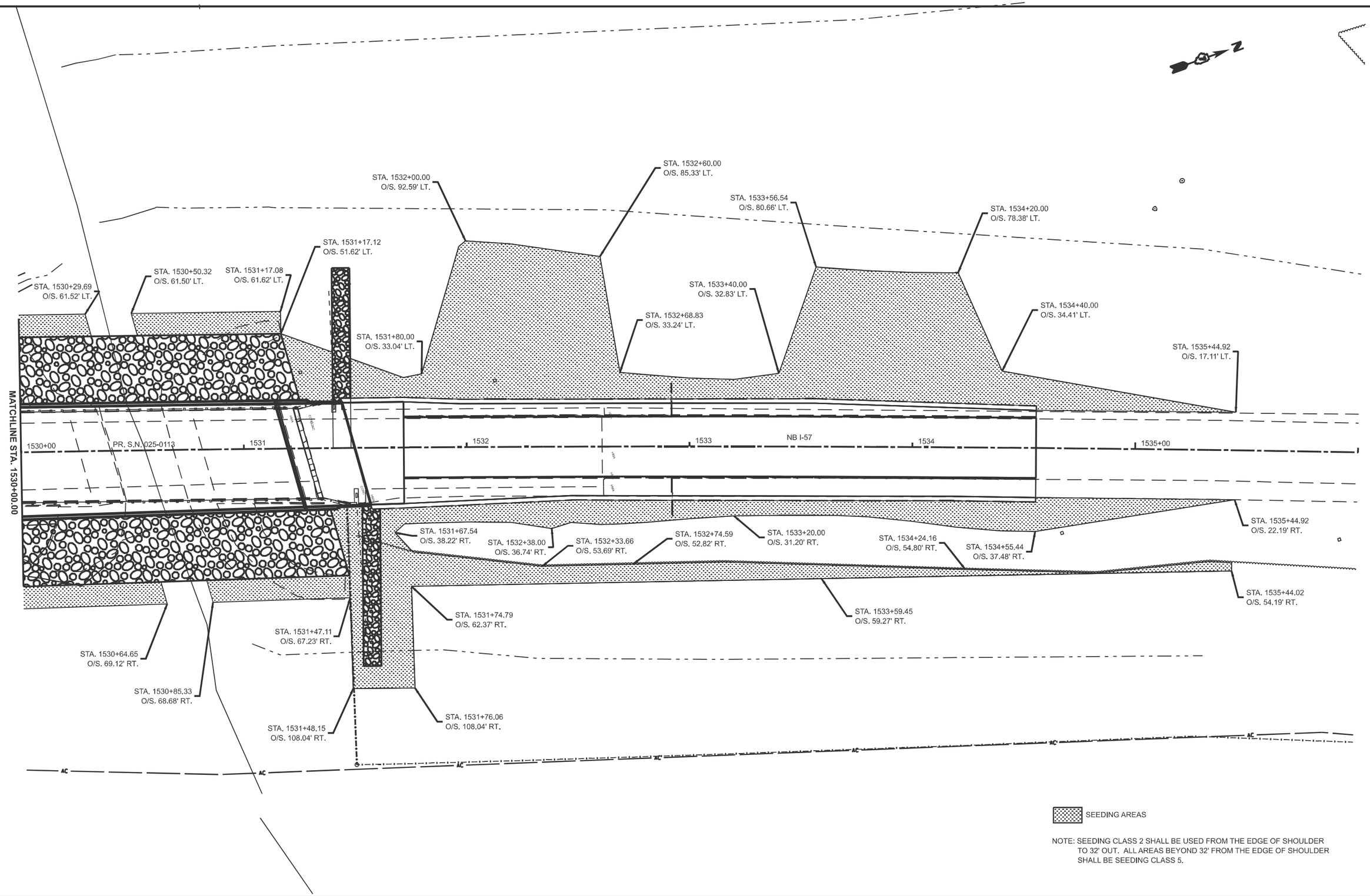
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/6/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. 1524+00.00 | TO STA. 1530+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	30
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	



NOTE: SEEDING CLASS 2 SHALL BE USED FROM THE EDGE OF SHOULDER TO 32' OUT. ALL AREAS BEYOND 32' FROM THE EDGE OF SHOULDER SHALL BE SEEDING CLASS 5.

MODEL: NB57 - Seeding-1 [Sheet]
FILE NAME: c:\pw_work\kwdot\hirtzelkl\d1041901\D774A04-sheets-ErosionSeeding.dgn

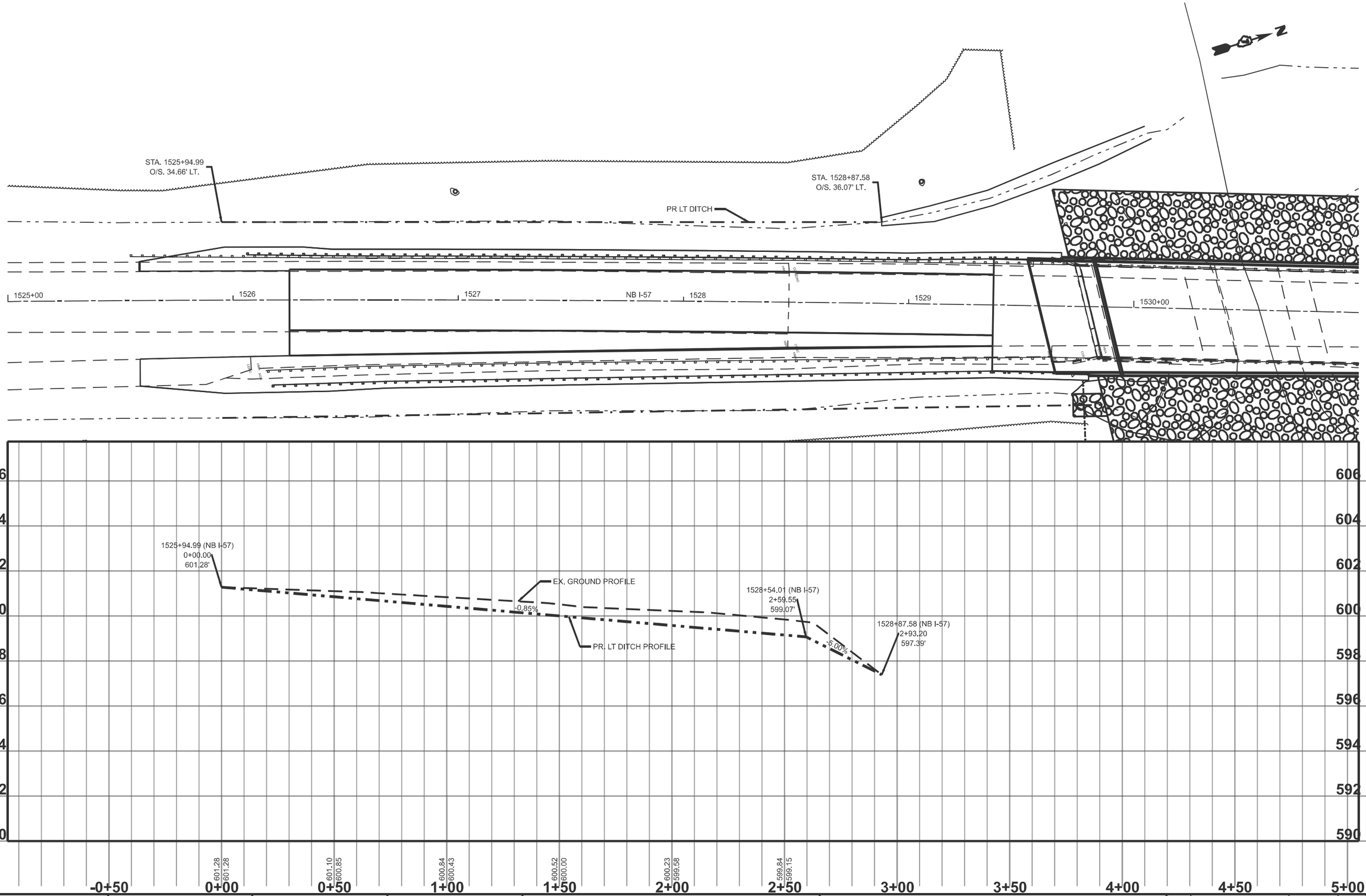
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. 1530+00.00 | TO STA. 1536+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	31
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



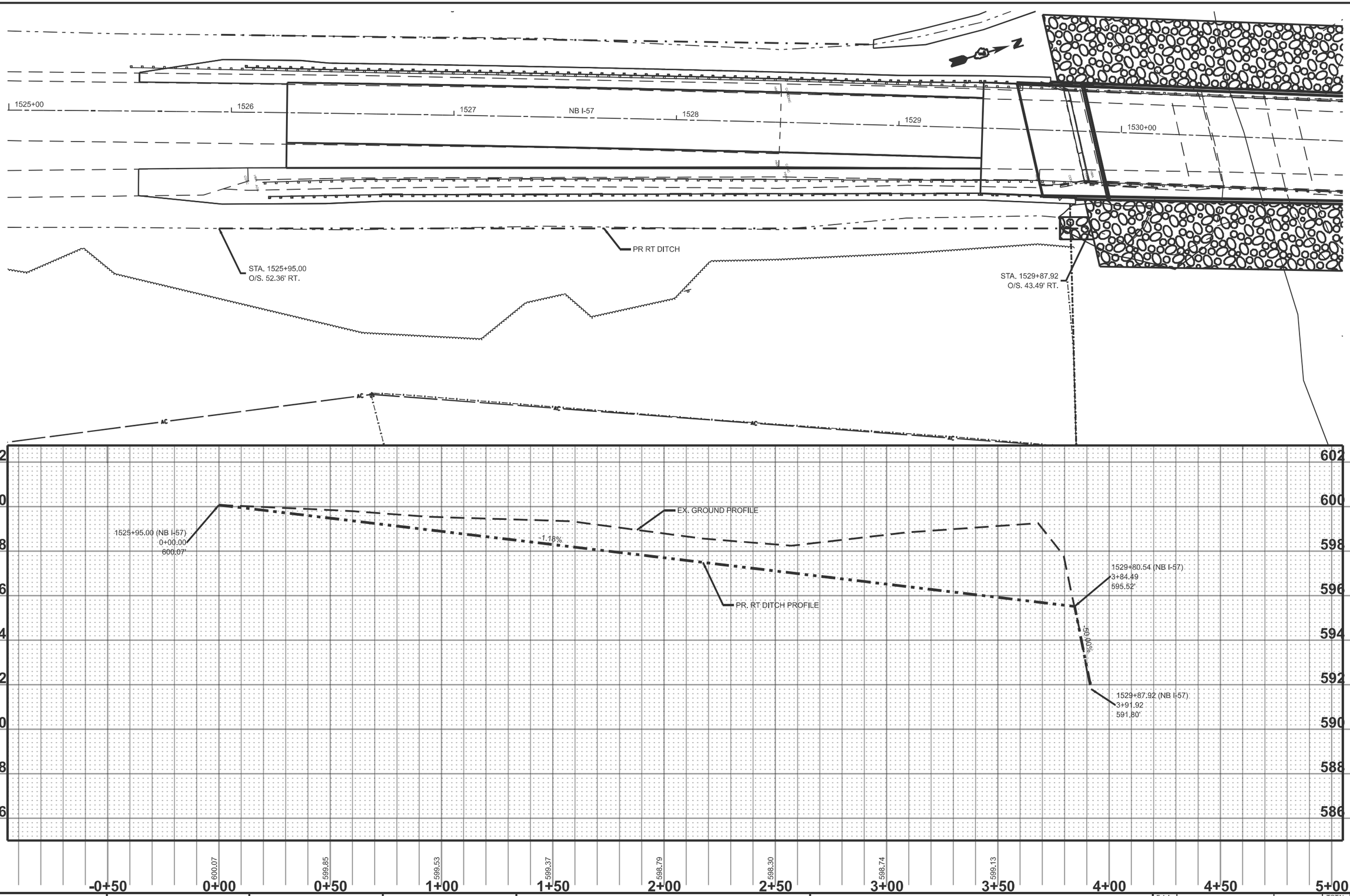
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

DRAINAGE PLAN
PR LT DITCH

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 1525+00 | TO STA. 1530+00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	32
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

MODEL: LT Ditch - LT Ditch Plan [Sheet]
FILE NAME: c:\pw_work\dot\hirtzelkd\d1041901\D7774A04-sheets-Drainage.dgn



MODEL: RT Ditch - RT_Ditch [Sheet]
FILE NAME: c:\pw_work\dot\hirtzelkl\d1041901\D7774A04-sheets-Drainage.dgn

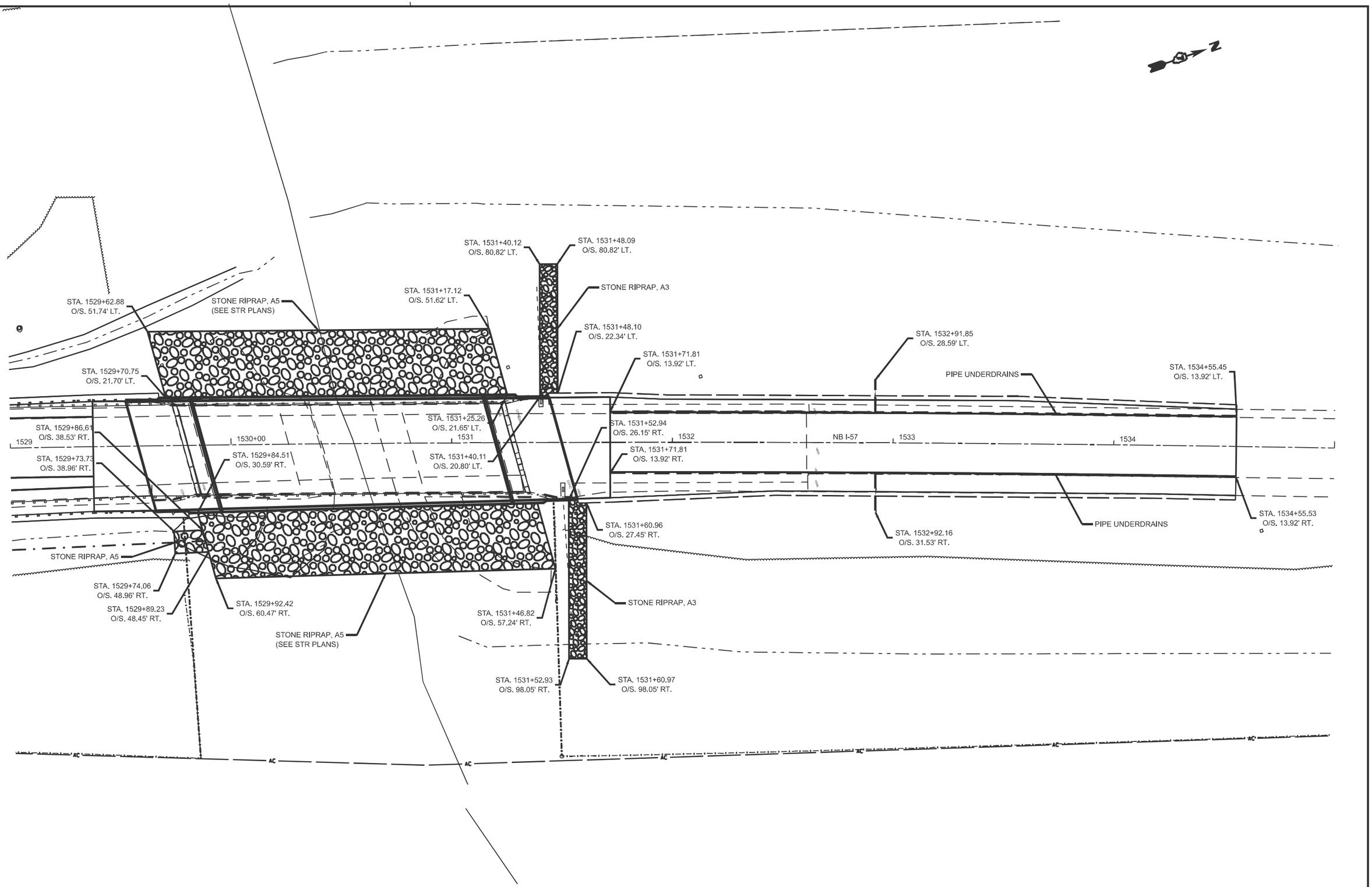
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
PR RT DITCH

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. -0+95.00 | TO STA. 5+05.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	33
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



MODEL: 57CLNB - Underdrains [Sheet]
FILE NAME: c:\pw_work\kwilson\hirtzelkl\d1041901\D774A04-sheets-Drainage.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 1529+00.00 | TO STA. 1535+00.00

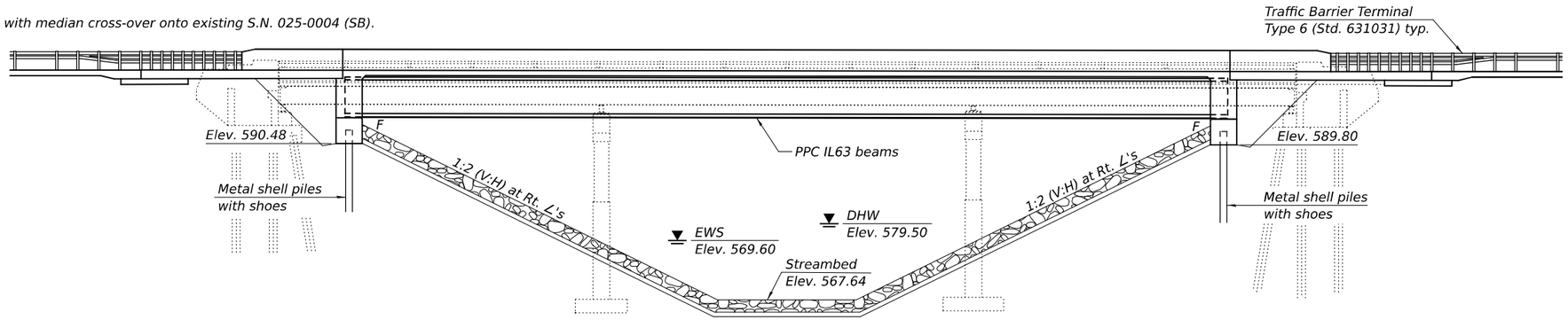
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	34
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

Benchmarks: BM: Chiseled square on wingwall NE corner of S.N. 025-0003 (NB), Station 1531+42.00, 24' Right of ℄ of I-57 (NB), Elevation = 601.343

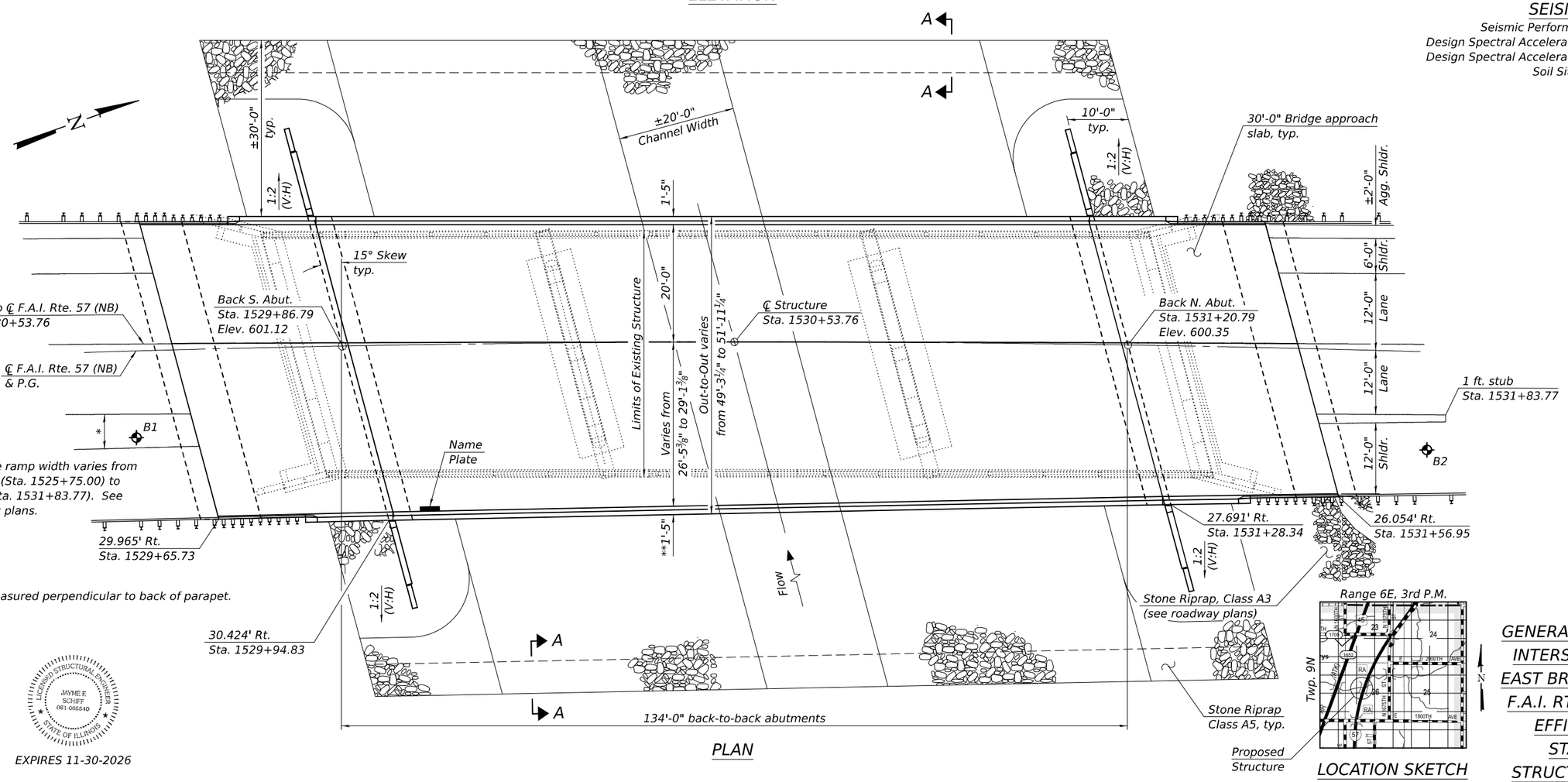
Existing Structure: S.N. 025-0003 (NB) was originally constructed in 1964 as F.A.I. Route 57, Section 25-8B at Station 5530+55.00. A 3-span wide-flange bridge, 153'-6" back-to-back abutments supported on concrete pile abutments and spread footing piers. In 2003, bridge deck repair with overlay. Existing structure to be removed and replaced.

Traffic maintained with median cross-over onto existing S.N. 025-0004 (SB).

No salvage



ELEVATION



PLAN

LICENSED STRUCTURAL ENGINEER
JAYME F. SCHIFF
081-006540
STATE OF ILLINOIS

EXPIRES 11-30-2026

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f 'c = 4,000 psi (Superstructure)
f 'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED

f 'c = 8,500 psi
f 'ci = 6,500 psi
fpu = 270,000 psi (0.6" Dia. low lax. Strands)
fpbt = 202,300 psi (0.6" Dia. low lax. Strands)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.144g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.343g
Soil Site Class = C

Range 6E, 3rd P.M.

LOCATION SKETCH

GENERAL PLAN & ELEVATION
INTERSTATE 57 (NB) OVER EAST BRANCH GREEN CREEK
F.A.I. RTE. 57 - SEC. 25-8BR
EFFINGHAM COUNTY
STA. 1530+53.76
STRUCTURE NO. 025-0113

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - Aug. 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**		
CHECKED - RYAN P. NEGANGARD					
DRAWN - ANTHONY J. NOVELLO / D.A.P.	PASSED	REVISED -		SHEET 1 OF 25 SHEETS	
CHECKED - R.P.N. / A.M.D.	ENGINEER OF BRIDGE DESIGN	REVISED -			
8/19/2025 7:50:26 AM	ENGINEER OF BRIDGES AND STRUCTURES				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	35
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	

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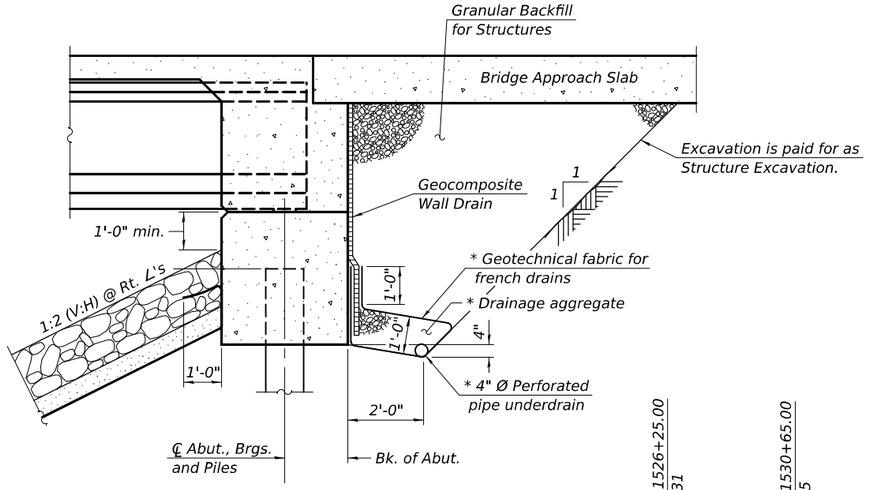
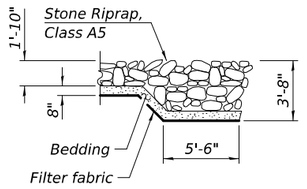


SECTION THRU INTEGRAL ABUTMENT

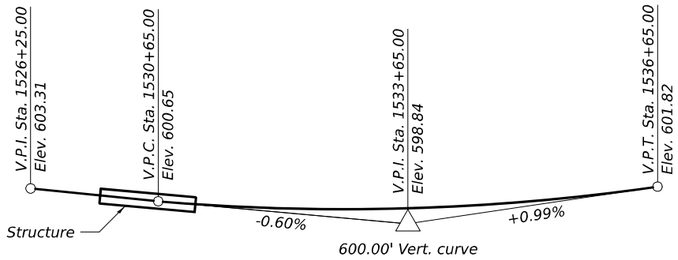
(Horiz. dim. at Rt. ℄'s)

* Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



SECTION A-A



PROFILE GRADE

(along ℄ of F.A.I. Rte. 57 NBL)

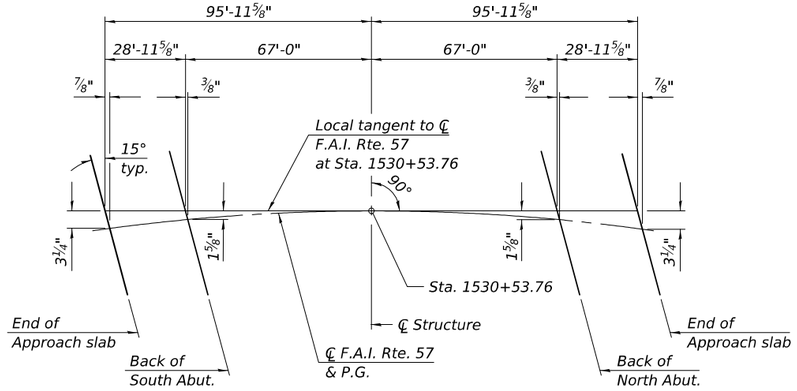
Up to ¼ inch to be ground off the bridge deck and the bridge approach slabs. The Profile Grade shows the final grade after grinding.

CURVE DATA

P.I. Sta. = 1534+30.68
Δ = 34°29'53" Rt.
D = 0°20'03"
R = 17,150.42'
T = 5,325.01'
L = 10,326.31'
E = 807.66'
e = Normal Crown
P.C. Sta. = 1481+05.68
P.T. Sta. = 1584+31.99

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.



OFFSET SKETCH

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.) S. Abut.	N. Abut.	Item 113
Q100	590.48	589.80	8
Q200	590.48	589.80	
Design	590.48	589.80	
Check	590.48	589.80	

WATERWAY INFORMATION

Drainage Area = 8.8 sq. mi.
Existing Overtopping Elev. = 599.60 @ Sta. 1532+37.00
Proposed Overtopping Elev. = 599.60 @ Sta. 1532+37.00

Flood	Freq. Yr.	Q C.F.S.	Opening Ft² Exist.	Opening Ft² Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Ten-Year	10	1780	401	400	577.8	0.2	0.1	578.0	577.9
Design	50	2860	504	507	579.5	0.4	0.2	579.9	579.7
Base	100	3350	544	547	580.1	0.5	0.3	580.6	580.4
Scour Check	200	3675	564	568	580.4	0.6	0.4	581.0	580.8
Max. Calc.	500	4540	620	625	581.2	0.8	0.6	582.0	581.8

10 Year Velocity through Existing Bridge = 4.8 ft/sec.
10 Year Velocity through Proposed Bridge = 4.4 ft/sec.

STA. 1530+53.76
BUILT BY
STATE OF ILLINOIS
F.A.I. RTE. 57 - SEC. 25-8BR
LOADING HL-93
STR. NO. 025-0113

NAME PLATE

See Std. 515001

INDEX OF SHEETS

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		1896	1896
Filter Fabric	Sq. Yd.		1896	1896
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		479	479
Concrete Structures	Cu. Yd.		109.0	109.0
Concrete Superstructure	Cu. Yd.	298.8		298.8
Protective Coat	Sq. Yd.	1171		1171
Concrete Superstructure (Approach Slab)	Cu. Yd.	142.6		142.6
Furnishing and Erecting Precast Prestressed Concrete Beams, IL63N	Foot	787		787
Reinforcement Bars, Epoxy Coated	Pound	125,200	14,940	140,140
Furnishing Metal Shell Piles 14" x 0.312"	Foot		990	990
Driving Plles	Foot		990	990
Test Pile Metal Shells	Each		2	2
Pile Shoes	Each		22	22
Name Plates	Each	1		1
Granular Backfill for Structures	Cu. Yd.		282	282
Geocomposite Wall Drain	Sq. Yd.		128	128
Pipe Underdrains for Structures 4"	Foot		192	192
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	512		512
Bar Terminators	Each	103	486	589
Diamond Grinding (Bridge Section)	Sq. Yd.	1144		1144

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL DATA STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD						57	25-8BR	EFFINGHAM	96	36
DRAWN - DENNIS A. POP	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 2 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.			REVISED -					ILLINOIS FED. AID PROJECT		

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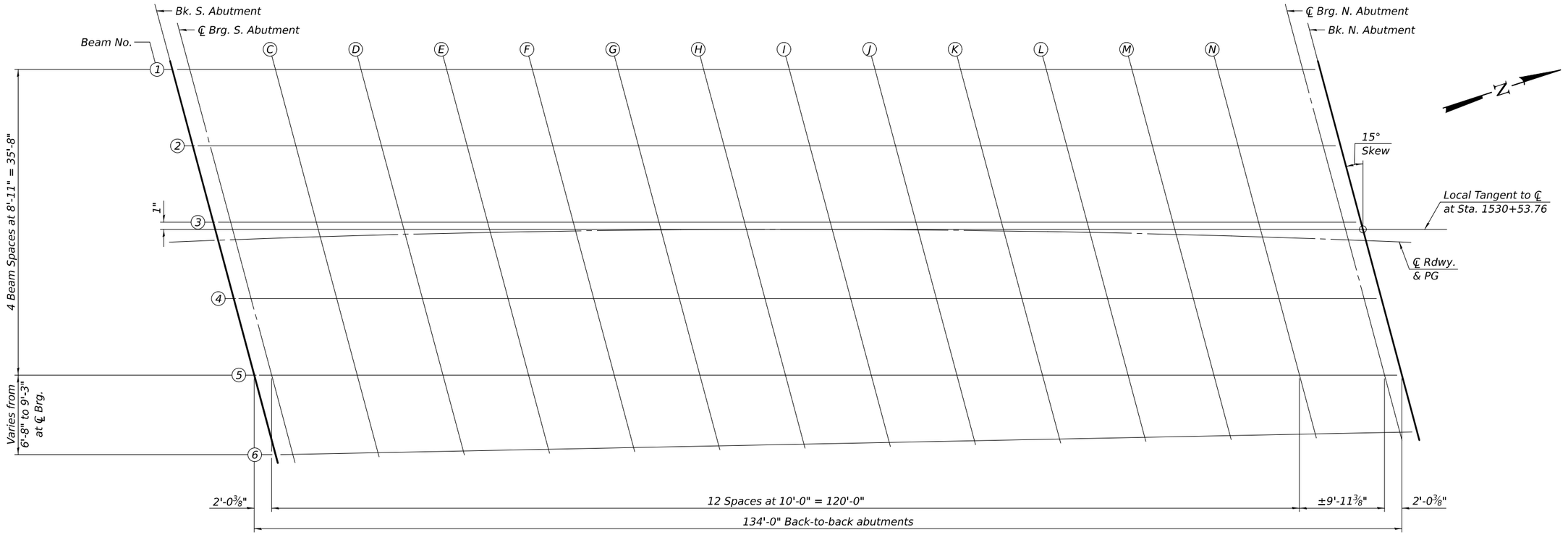
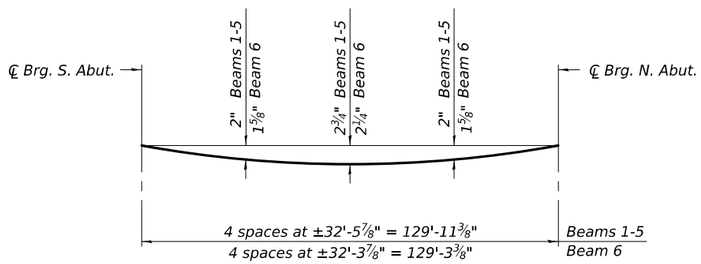


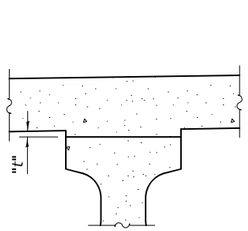
PLAN



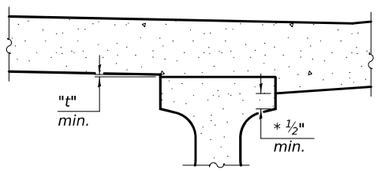
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete excluding beams.)

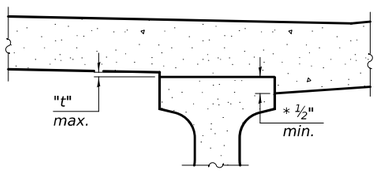
Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown.



INTERIOR BEAMS



At minimum fillet



At maximum fillet

* Variable (not less than ½")

EXTERIOR BEAMS

To determine "t": After all beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown, minus the initial slab thickness prior to grinding, equals the fillet heights "t" above top flange of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD					57	25-8BR	EFFINGHAM	96	37
DRAWN - DENNIS A. POP	PASSED	REVISED -		SHEET 3 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.		REVISED -					ILLINOIS	FED. AID PROJECT	

ENGINEER OF BRIDGE DESIGN

ENGINEER OF BRIDGES AND STRUCTURES

MODEL: 025011S-74A04-003.dgn
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BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+82.03	-18.07	600.85	600.87
℄ Brg. S. Abut.	1529+84.06	-18.06	600.84	600.86
C	1529+94.05	-18.02	600.78	600.85
D	1530+04.04	-17.99	600.72	600.84
E	1530+14.03	-17.96	600.66	600.83
F	1530+24.02	-17.94	600.60	600.80
G	1530+34.01	-17.93	600.54	600.76
H	1530+44.00	-17.92	600.48	600.72
I	1530+53.99	-17.92	600.42	600.66
J	1530+63.98	-17.92	600.36	600.58
K	1530+73.97	-17.93	600.30	600.50
L	1530+83.95	-17.94	600.24	600.41
M	1530+93.94	-17.96	600.19	600.31
N	1531+03.93	-17.99	600.14	600.21
℄ Brg. N. Abut.	1531+13.87	-18.02	600.09	600.11
Bk. of N. Abut.	1531+15.89	-18.03	600.08	600.10

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+84.39	-9.14	601.00	601.02
℄ Brg. S. Abut.	1529+86.41	-9.13	600.99	601.01
C	1529+96.41	-9.10	600.93	601.00
D	1530+06.40	-9.07	600.87	600.99
E	1530+16.40	-9.04	600.81	600.98
F	1530+26.39	-9.02	600.75	600.94
G	1530+36.38	-9.01	600.69	600.91
H	1530+46.38	-9.00	600.63	600.86
I	1530+56.37	-9.00	600.57	600.80
J	1530+66.37	-9.00	600.51	600.72
K	1530+76.36	-9.01	600.45	600.65
L	1530+86.36	-9.03	600.39	600.56
M	1530+96.35	-9.05	600.34	600.46
N	1531+06.35	-9.08	600.29	600.36
℄ Brg. N. Abut.	1531+16.29	-9.11	600.24	600.26
Bk. of N. Abut.	1531+18.31	-9.12	600.23	600.25

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+86.74	-0.21	601.12	601.14
℄ Brg. S. Abut.	1529+88.77	-0.21	601.11	601.13
C	1529+98.77	-0.17	601.05	601.12
D	1530+08.77	-0.14	600.99	601.11
E	1530+18.76	-0.12	600.93	601.10
F	1530+28.76	-0.10	600.87	601.06
G	1530+38.76	-0.09	600.81	601.02
H	1530+48.76	-0.08	600.75	600.98
I	1530+58.76	-0.08	600.69	600.92
J	1530+68.76	-0.09	600.63	600.84
K	1530+78.76	-0.10	600.57	600.77
L	1530+88.76	-0.12	600.51	600.68
M	1530+98.76	-0.14	600.46	600.58
N	1531+08.76	-0.17	600.41	600.48
℄ Brg. N. Abut.	1531+18.71	-0.21	600.36	600.38
Bk. of N. Abut.	1531+20.74	-0.21	600.35	600.37

DESIGNED - MARTIN FIGUEROA
CHECKED - RYAN P. NEGANGARD
DRAWN - DENNIS A. POP
CHECKED - R.P.N. / A.M.D.

EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

DATE - August 20, 2025
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 025-0113
SHEET 4 OF 25 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	38
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

℄ Roadway & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+86.79	0.00	601.12	601.14
℄ Brg. S. Abut.	1529+88.82	0.00	601.11	601.13
C	1529+98.81	0.00	601.05	601.12
D	1530+08.80	0.00	600.99	601.11
E	1530+18.80	0.00	600.93	601.10
F	1530+28.79	0.00	600.87	601.07
G	1530+38.79	0.00	600.81	601.03
H	1530+48.79	0.00	600.75	600.99
I	1530+58.79	0.00	600.69	600.93
J	1530+68.79	0.00	600.63	600.85
K	1530+78.79	0.00	600.57	600.77
L	1530+88.80	0.00	600.51	600.68
M	1530+98.80	0.00	600.46	600.58
N	1531+08.81	0.00	600.41	600.48
℄ Brg. N. Abut.	1531+18.77	0.00	600.36	600.38
Bk. of N. Abut.	1531+20.79	0.00	600.35	600.37

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+89.09	8.71	600.98	601.00
℄ Brg. S. Abut.	1529+91.12	8.72	600.96	600.98
C	1530+01.13	8.75	600.90	600.97
D	1530+11.13	8.78	600.84	600.96
E	1530+21.14	8.80	600.78	600.95
F	1530+31.14	8.82	600.72	600.92
G	1530+41.15	8.83	600.66	600.88
H	1530+51.15	8.83	600.60	600.84
I	1530+61.16	8.83	600.54	600.78
J	1530+71.16	8.82	600.48	600.70
K	1530+81.17	8.81	600.42	600.62
L	1530+91.17	8.79	600.37	600.54
M	1531+01.18	8.77	600.32	600.44
N	1531+11.18	8.74	600.27	600.34
℄ Brg. N. Abut.	1531+21.13	8.70	600.22	600.24
Bk. of N. Abut.	1531+23.16	8.69	600.21	600.23

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+91.45	17.64	600.80	600.82
℄ Brg. S. Abut.	1529+93.48	17.64	600.79	600.81
C	1530+03.49	17.68	600.73	600.80
D	1530+13.50	17.70	600.67	600.79
E	1530+23.51	17.72	600.61	600.78
F	1530+33.52	17.74	600.55	600.74
G	1530+43.53	17.75	600.48	600.70
H	1530+53.54	17.75	600.42	600.66
I	1530+63.55	17.75	600.36	600.60
J	1530+73.56	17.74	600.30	600.52
K	1530+83.57	17.72	600.25	600.45
L	1530+93.58	17.70	600.19	600.36
M	1531+03.59	17.68	600.14	600.26
N	1531+13.60	17.65	600.10	600.16
℄ Brg. N. Abut.	1531+23.56	17.61	600.05	600.07
Bk. of N. Abut.	1531+25.59	17.60	600.04	600.06

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Bk. of S. Abut.	1529+93.91	26.94	600.60	600.62
℄ Brg. S. Abut.	1529+95.93	26.91	600.59	600.61
C	1530+05.89	26.74	600.53	600.59
D	1530+15.86	26.56	600.48	600.58
E	1530+25.82	26.38	600.42	600.57
F	1530+35.78	26.20	600.36	600.53
G	1530+45.74	26.00	600.31	600.49
H	1530+55.71	25.81	600.25	600.45
I	1530+65.67	25.60	600.19	600.40
J	1530+75.63	25.39	600.14	600.33
K	1530+85.59	25.18	600.09	600.26
L	1530+95.55	24.96	600.04	600.19
M	1531+05.51	24.73	599.99	600.10
N	1531+15.47	24.50	599.95	600.01
℄ Brg. N. Abut.	1531+25.38	24.26	599.91	599.93
Bk. of N. Abut.	1531+27.39	24.21	599.90	599.92

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TOP OF SLAB ELEVATIONS STRUCTURE NO. 025-0113**
CHECKED - RYAN P. NEGANGARD	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 5 OF 25 SHEETS
DRAWN - DENNIS A. POP			REVISED -		
CHECKED - R.P.N. / A.M.D.			REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	39
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

WEST EDGE OF SHOULDER

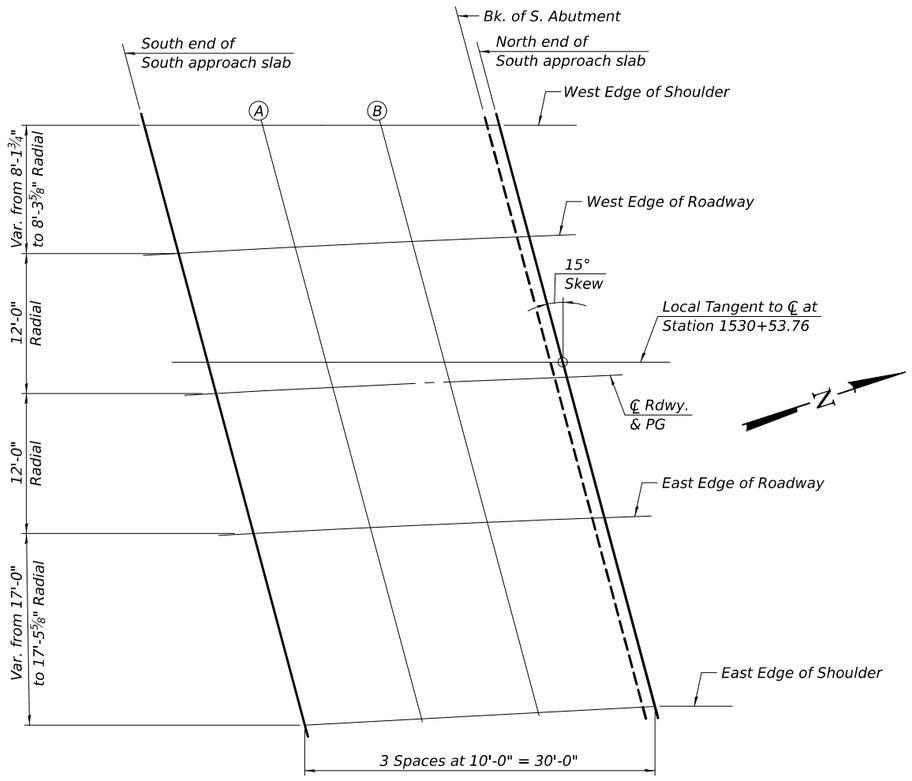
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Approach	1529+52.56	-20.30	600.98	601.00
A	1529+62.54	-20.24	600.92	600.94
B	1529+72.53	-20.19	600.86	600.88
N. End of S. Approach	1529+82.52	-20.15	600.80	600.82

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Approach	1529+54.73	-12.00	601.14	601.16
A	1529+64.70	-12.00	601.07	601.09
B	1529+74.68	-12.00	601.01	601.03
N. End of S. Approach	1529+84.67	-12.00	600.95	600.97

℄ ROADWAY & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Approach	1529+57.87	0.00	601.30	601.32
A	1529+67.85	0.00	601.24	601.26
B	1529+77.84	0.00	601.18	601.20
N. End of S. Approach	1529+87.83	0.00	601.12	601.14



PLAN

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Approach	1529+61.01	12.00	601.10	601.12
A	1529+71.01	12.00	601.04	601.06
B	1529+81.00	12.00	600.98	601.00
N. End of S. Approach	1529+91.00	12.00	600.92	600.94

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Approach	1529+65.60	29.47	600.72	600.74
A	1529+75.56	29.32	600.66	600.68
B	1529+85.53	29.16	600.61	600.63
N. End of S. Approach	1529+95.49	29.00	600.55	600.57

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	TOP OF SOUTH APPROACH SLAB ELEVATIONS STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD						57	25-8BR	EFFINGHAM	96	40
DRAWN - DENNIS A. POP	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 6 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.			REVISED -				ILLINOIS	FED. AID PROJECT		

WEST EDGE OF SHOULDER

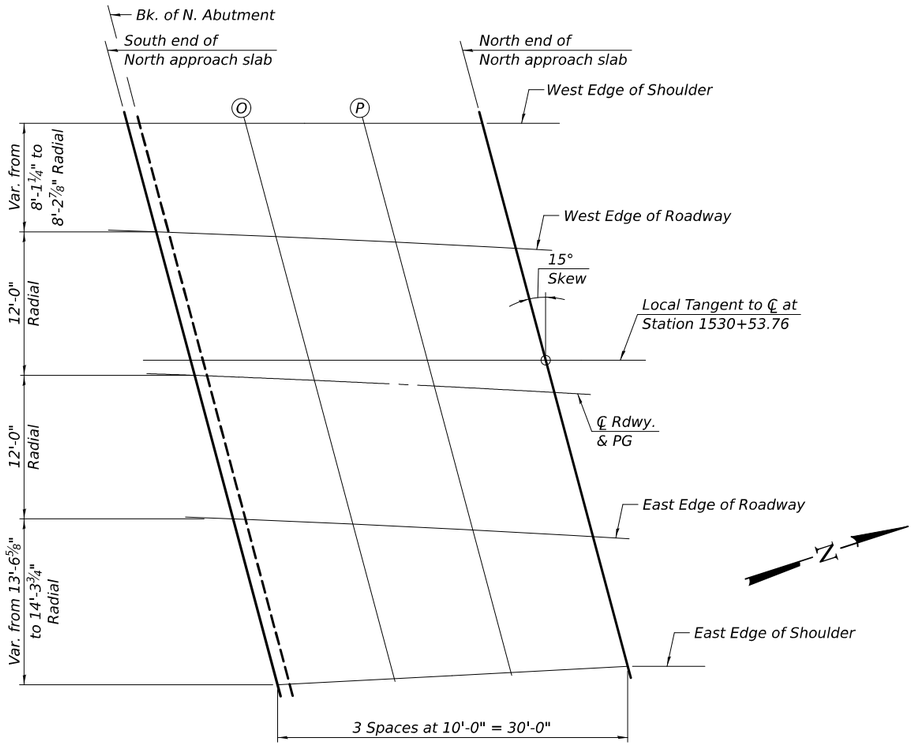
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of N. Approach	1531+14.29	-20.11	600.04	600.06
O	1531+24.28	-20.15	600.00	600.02
P	1531+34.27	-20.19	599.95	599.97
N. End of N. Approach	1531+44.26	-20.24	599.91	599.93

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of N. Approach	1531+16.50	-12.00	600.19	600.21
O	1531+26.50	-12.00	600.15	600.17
P	1531+36.51	-12.00	600.11	600.13
N. End of N. Approach	1531+46.51	-12.00	600.07	600.09

℄ ROADWAY & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of N. Approach	1531+19.76	0.00	600.36	600.38
O	1531+29.77	0.00	600.31	600.33
P	1531+39.78	0.00	600.27	600.29
N. End of N. Approach	1531+49.80	0.00	600.23	600.25



PLAN

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of N. Approach	1531+23.03	12.00	600.16	600.18
O	1531+33.04	12.00	600.12	600.14
P	1531+43.07	12.00	600.08	600.10
N. End of N. Approach	1531+53.09	12.00	600.04	600.06

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
S. End of N. Approach	1531+26.93	26.31	599.86	599.88
O	1531+36.89	26.06	599.82	599.84
P	1531+46.85	25.81	599.79	599.81
N. End of N. Approach	1531+56.81	25.56	599.76	599.78

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FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\Bureau of Bridges and Structures\OBM Projects\0250113\CADData\Bridge\0250113-74A04-Design

DESIGNED -	MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025
CHECKED -	RYAN P. NEGANGARD		
DRAWN -	DENNIS A. POP	PASSED	REVISED -
CHECKED -	R.P.N. / A.M.D.		REVISED -

ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

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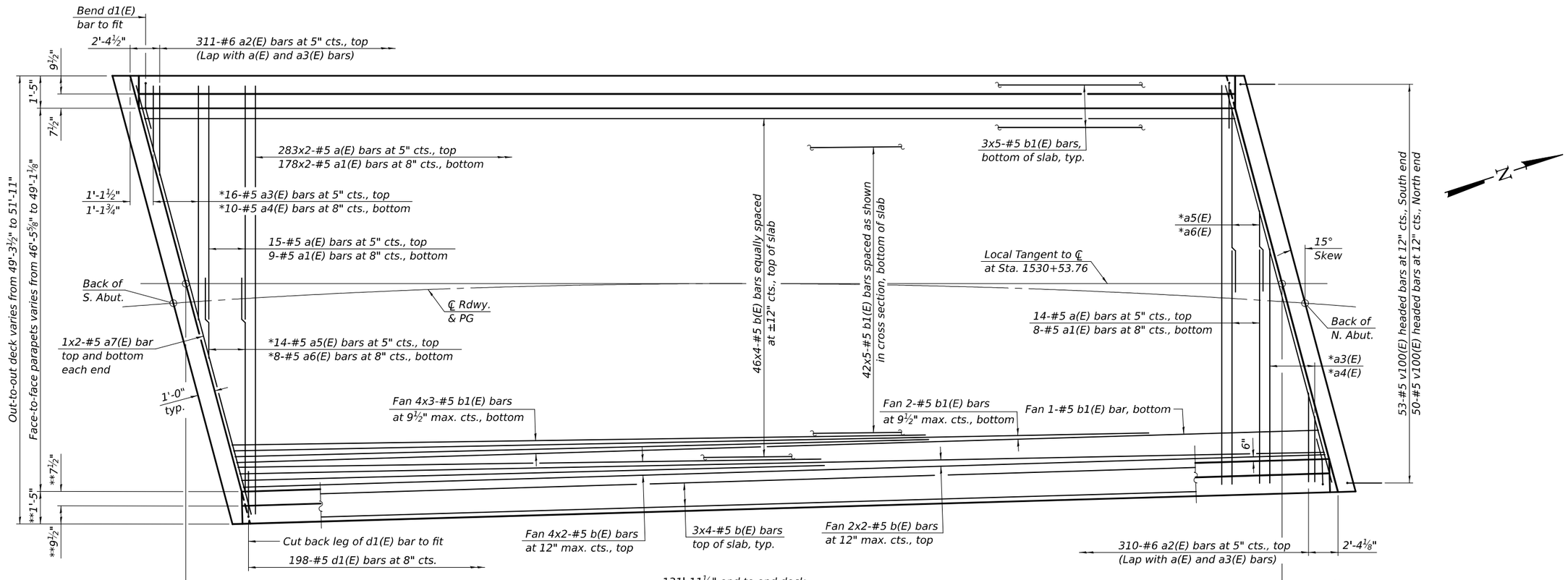
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF NORTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 025-0113

SHEET 7 OF 25 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	41
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



PLAN

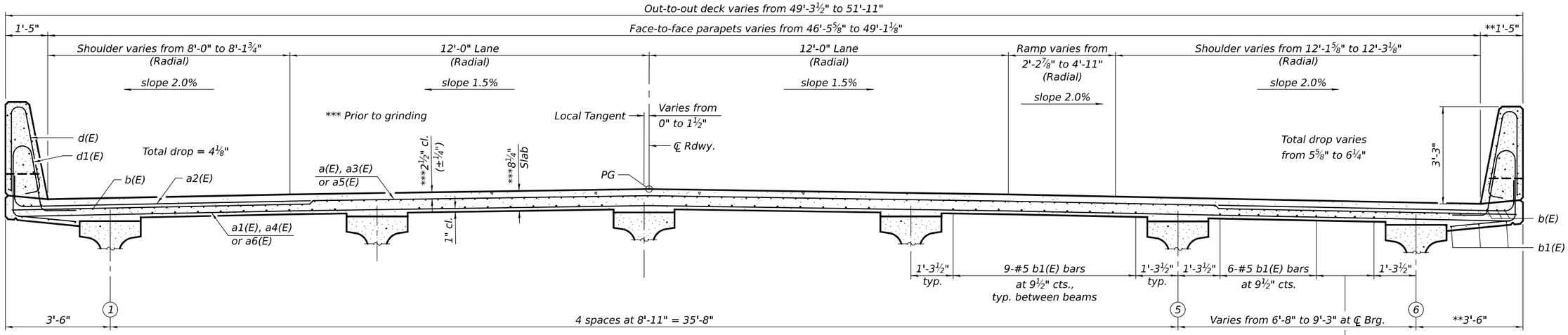
* See Field Cutting Diagram on sheet 9 of 25.

** Measured perpendicular to back of parapet.

MINIMUM BAR LAP

#5 bar = 3'-6"

Notes:
See sheet 9 of 25 for superstructure details and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.



CROSS SECTION

(Looking North)

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SUPERSTRUCTURE STRUCTURE NO. 025-0113**	F.A.I. RTE. 57 | SECTION 25-8BR | COUNTY EFFINGHAM | TOTAL SHEETS 96 | SHEET NO. 42
CHECKED - RYAN P. NEGANGARD	ENGINEER OF BRIDGE DESIGN	REVISED -		SHEET 8 OF 25 SHEETS	CONTRACT NO. 74A04
DRAWN - DENNIS A. POP	PASSED	REVISED -			ILLINOIS | FED. AID PROJECT
CHECKED - R.P.N. / A.M.D.	ENGINEER OF BRIDGES AND STRUCTURES				

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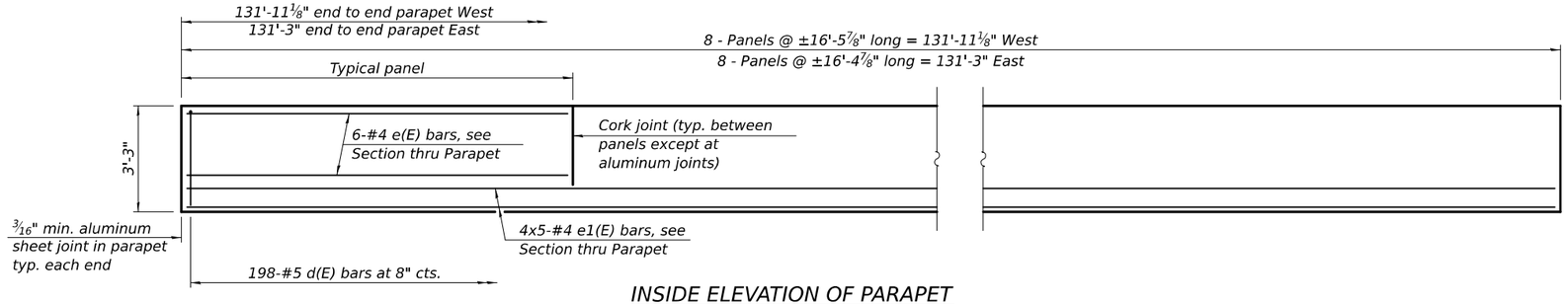
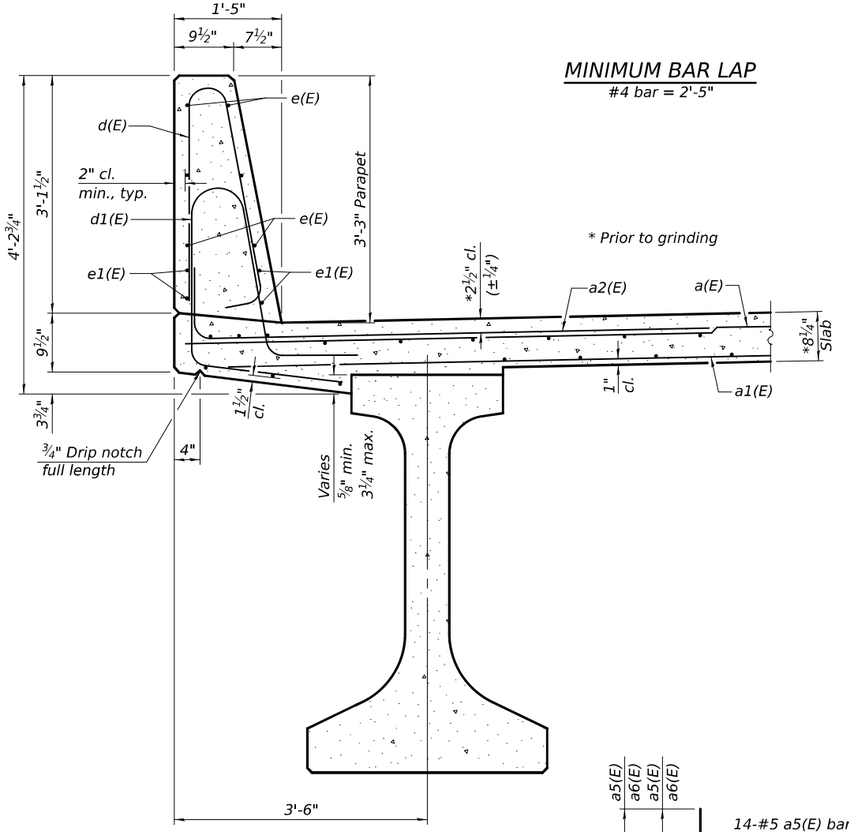


INSIDE ELEVATION OF PARAPET

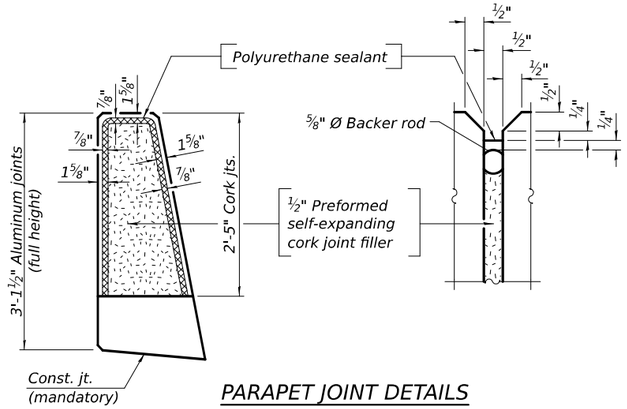


SECTION THRU PARAPET

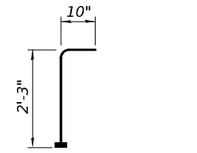
MINIMUM BAR LAP

#4 bar = 2'-5"

* Prior to grinding

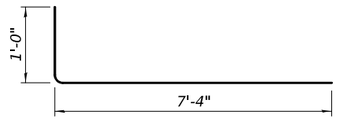


PARAPET JOINT DETAILS

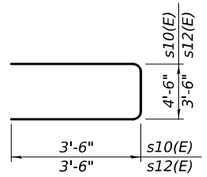


BAR v100(E)

(Headed. 103 - #5 Bar terminators)



BAR a2(E)



BARS s10(E) & s12(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	595	#5	27'-7"	
a1(E)	373	#5	26'-9"	
a2(E)	621	#6	8'-4"	
a3(E)	16	#5	30'-2"	
a4(E)	10	#5	28'-6"	
a5(E)	14	#5	30'-4"	
a6(E)	8	#5	29'-5"	
a7(E)	8	#5	28'-6"	
b(E)	220	#5	35'-7"	
b1(E)	255	#5	29'-2"	
d(E)	396	#5	6'-5"	
d1(E)	396	#5	8'-4"	
e(E)	96	#4	16'-1"	
e1(E)	40	#4	28'-4"	
m10(E)	28	#6	28'-9"	
m11(E)	40	#6	7'-10"	
m12(E)	20	#6	2'-9"	
m13(E)	8	#6	5'-8"	
m14(E)	4	#6	1'-8"	
m15(E)	36	#5	4'-0"	
m16(E)	5	#6	8'-2"	
m17(E)	5	#6	5'-7"	
m18(E)	1	#6	6'-0"	
m19(E)	1	#6	3'-4"	
s10(E)	80	#5	11'-6"	
s11(E)	80	#5	15'-4"	
s12(E)	48	#5	10'-6"	
v100(E)	103	#5	3'-1"	
Reinforcement Bars, Epoxy Coated		Pound	66,030	
Concrete Superstructure		Cu. Yd.	291.0	

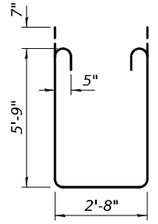
Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

Notes:

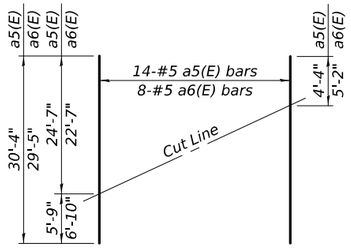
The 3/16" min. aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete. Cost included with Concrete Superstructure.

The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.

Bar terminators, paid for separately. See Total Bill of Material.

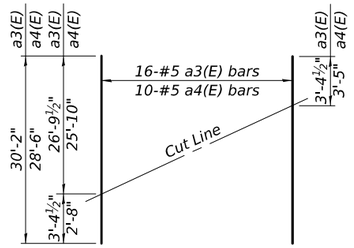


BAR s11(E)



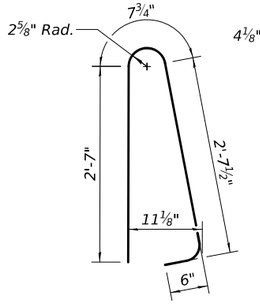
FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown and use remainder of bars in opposite end of deck.

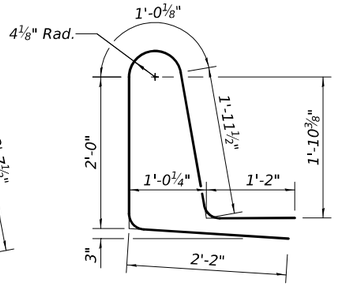


FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown and use remainder of bars in opposite end of deck.



BAR d(E)



BAR d1(E)

DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SUPERSTRUCTURE DETAILS STRUCTURE NO. 025-0113**
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN			SHEET 9 OF 25 SHEETS
DRAWN - DENNIS A. POP	PASSED		REVISED -		
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	43
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		

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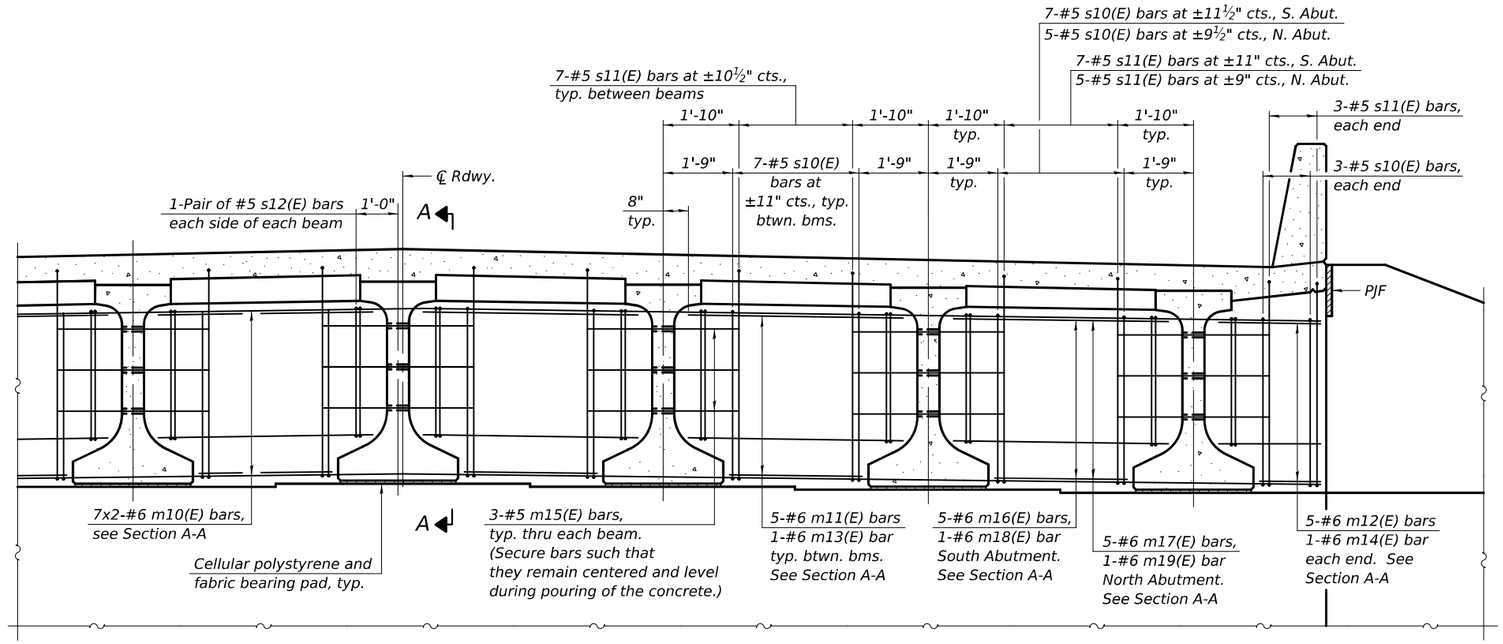
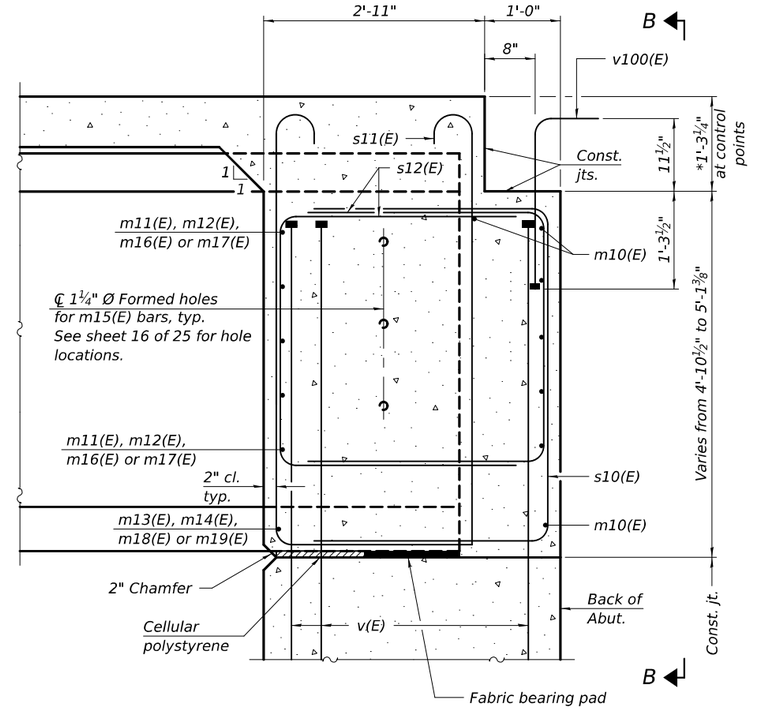
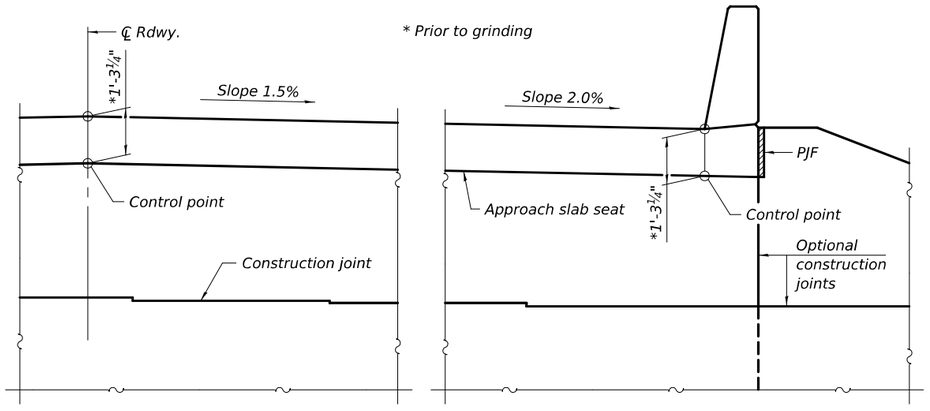


DIAPHRAGM AT ABUTMENT
(N. Abut. shown, S. Abut. similar)

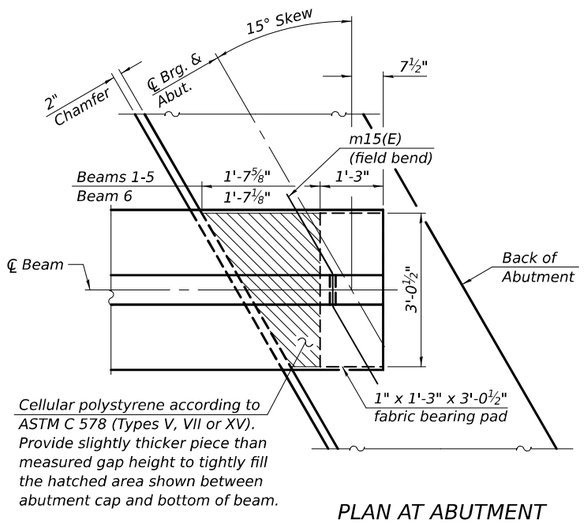
MINIMUM BAR LAP
#6 bar = 4'-0"



SECTION A-A
(at Rt. ∠'s)



VIEW B-B



PLAN AT ABUTMENT
(Showing bottom flange of beam)

Notes:
See sheet 9 of 25 for superstructure details and Bill of Material.
See sheet 11 and 12 of 25 for PJF details.
The s10(E), s11(E) and s12(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
The approach slab seat shall have a constant slope determined from the control points shown.
Cost of cellular polystyrene is included with Concrete Superstructure.
Bars indicated thus 7x2-#6 etc. indicates 7 lines of bars with 2 lengths per line.

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIAPHRAGM DETAILS STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD						57	25-8BR	EFFINGHAM	96	44
DRAWN - DENNIS A. POP	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 10 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.			REVISED -					ILLINOIS	FED. AID PROJECT	

MODEL: 025011 3-74A04-010.dgn
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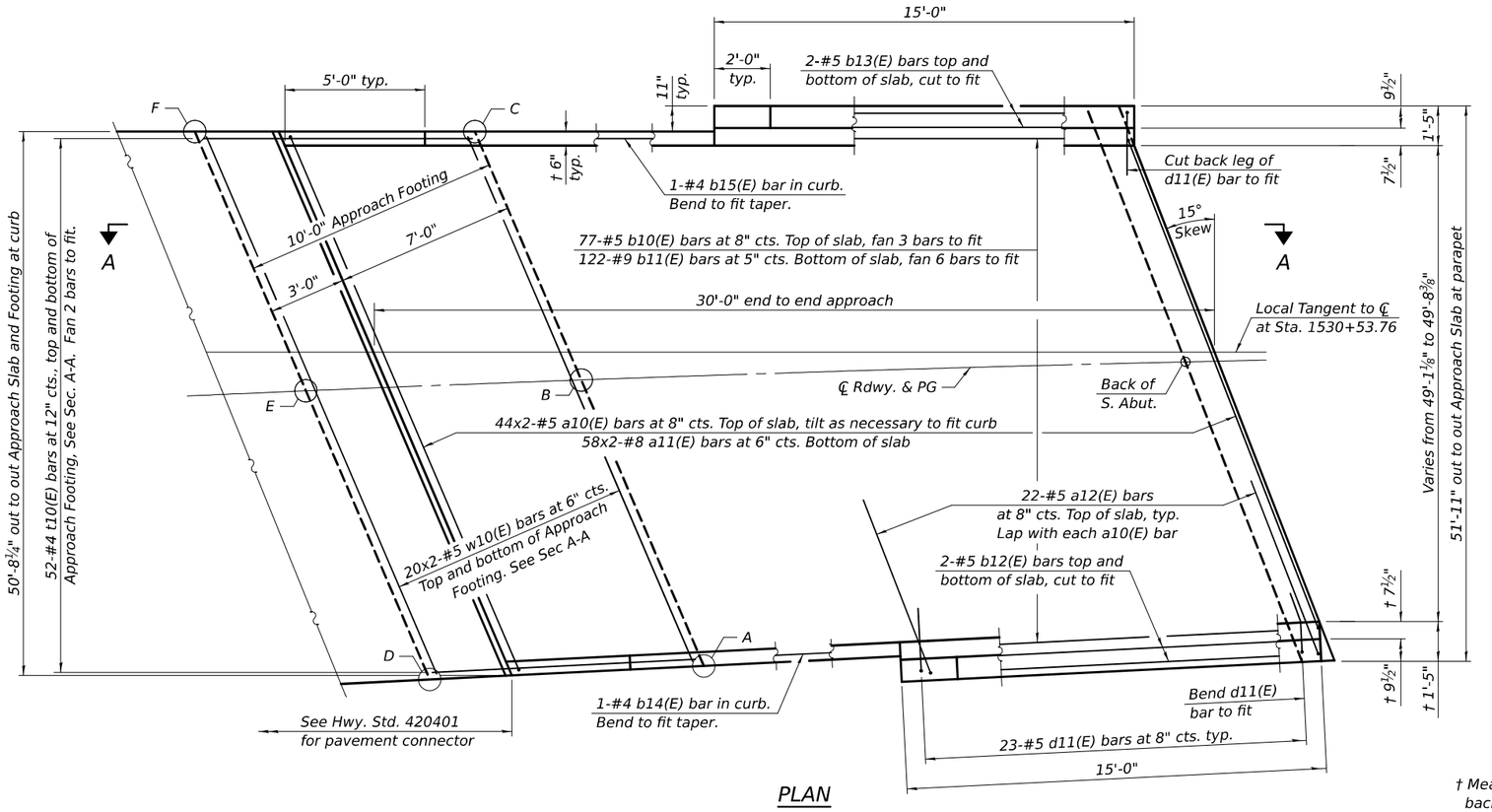


PLAN

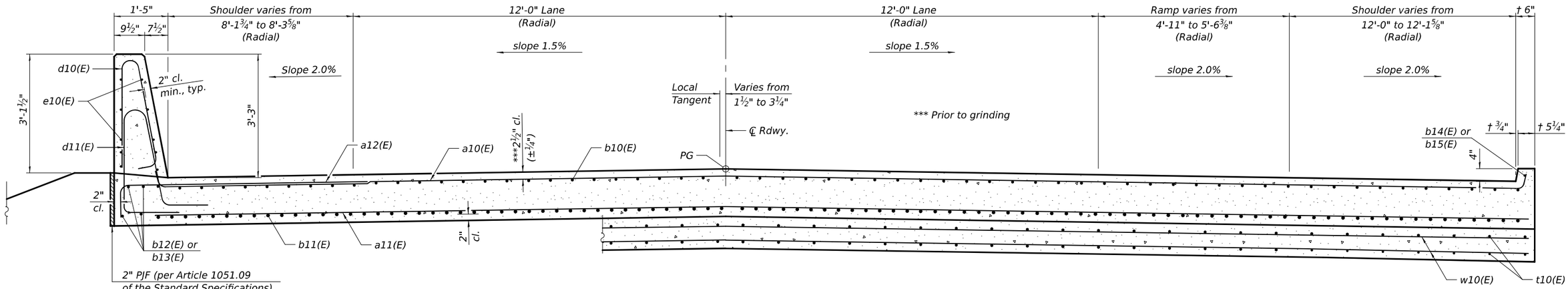
† Measured perpendicular to back of parapet or curb.

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

South Approach		
Point/ Location	Top	Bottom
A - NE	599.42	598.59
B - N ℄	600.00	599.17
C - NW	599.68	598.85
D - SE	599.48	598.65
E - S ℄	600.06	599.23
F - SW	599.74	598.91

MINIMUM BAR LAP

#5 bar = 3'-4"
#8 bar = 4'-9"



NEAR ABUTMENT

CROSS SECTION
(Looking North)

AT APPROACH FOOTING

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
CHECKED - RYAN P. NEGANGARD			
DRAWN - DENNIS A. POP	PASSED	REVISED -	
CHECKED - R.P.N. / A.M.D.	ENGINEER OF BRIDGE DESIGN / ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

SOUTH BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 025-0113

SHEET 11 OF 25 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	45
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

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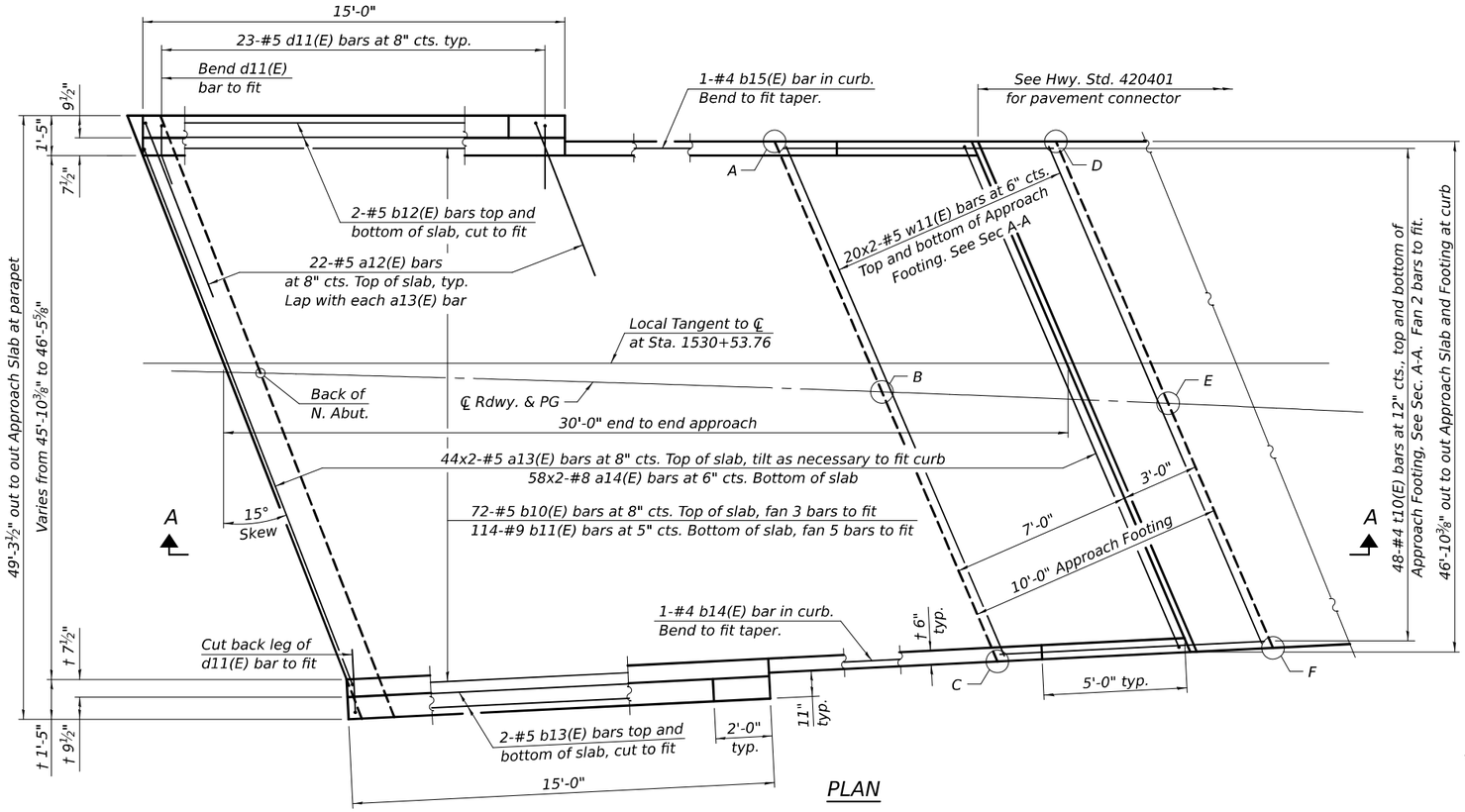


PLAN

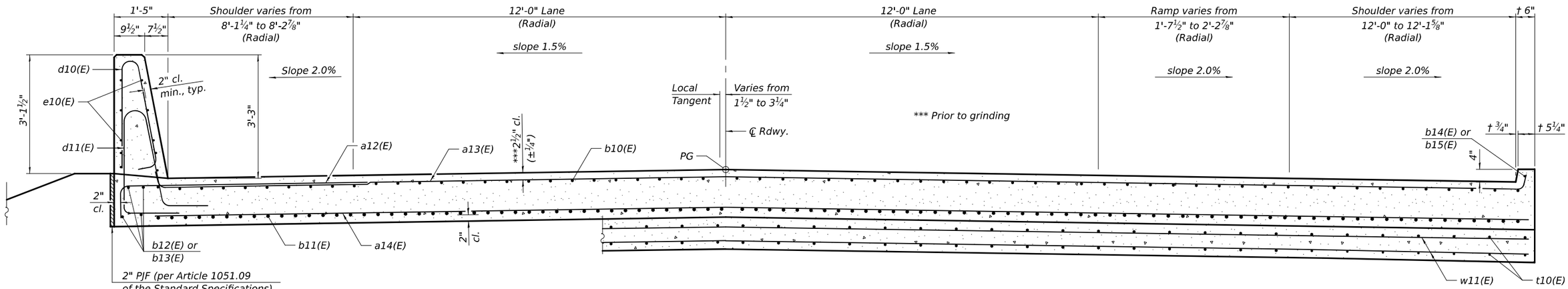
TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

North Approach		
Point/ Location	Top	Bottom
A - SW	597.85	598.68
B - S ℄	598.18	599.01
C - SE	597.69	598.52
D - NW	597.81	598.64
E - N ℄	598.14	598.97
F - NE	597.66	598.49

MINIMUM BAR LAP

#5 bar = 3'-4"
#8 bar = 4'-9"

† Measured perpendicular to back of parapet or curb.



NEAR ABUTMENT

CROSS SECTION
(Looking North)

AT APPROACH FOOTING

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH BRIDGE APPROACH SLAB DETAILS STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD					57	25-8BR	EFFINGHAM	96	46
DRAWN - DENNIS A. POP	PASSED	REVISED -		SHEET 12 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.		REVISED -					ILLINOIS	FED. AID PROJECT	

ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

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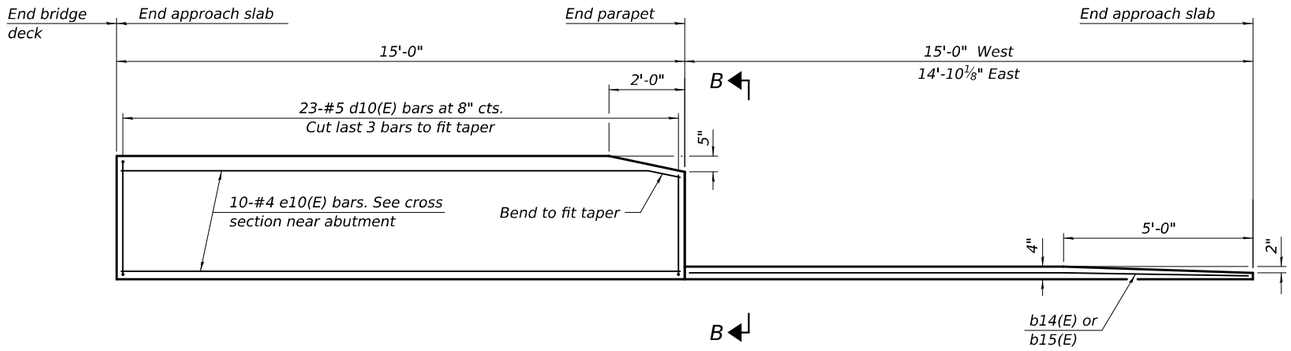
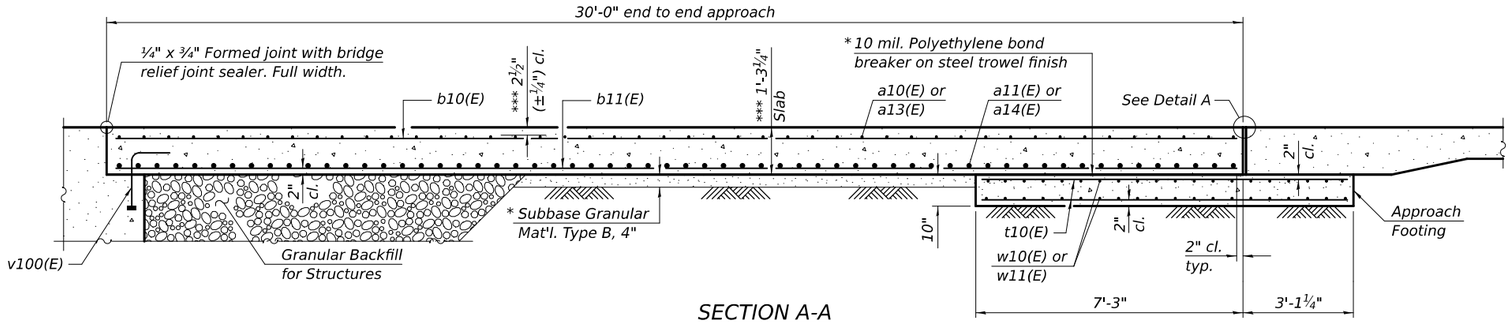
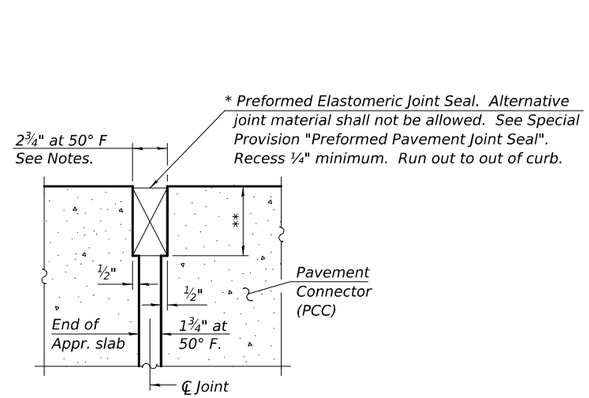


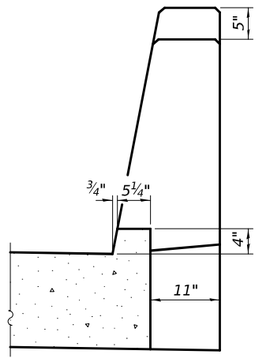
INSIDE ELEVATION OF PARAPET AND CURB



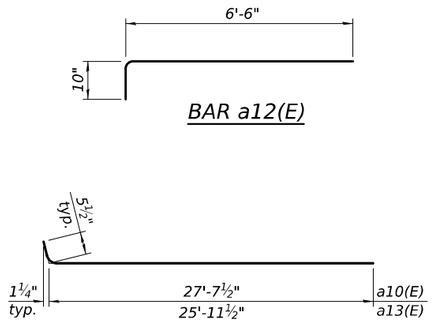
SECTION A-A



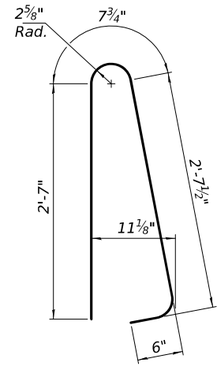
DETAIL A
(at Rt. ∠'s)



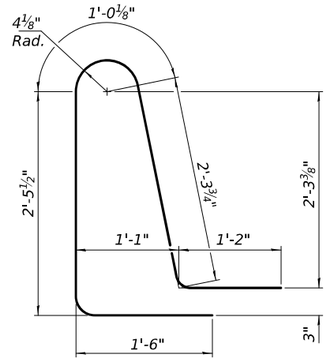
VIEW B-B



BARS a10(E) & a13(E)



BAR d10(E)



BAR d11(E)

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

Parapet concrete shall be paid for as Concrete Superstructure.

Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

Approach footing concrete shall be paid for as Concrete Structures.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Cost of excavation for approach footing included with Concrete Structures.

For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 25.

Bars indicated thus 44x2-#5 etc. indicates 44 lines of bars with 2 lengths per line.

* *Cost included with Concrete Superstructure (Approach Slab).*

** *Per manufacturer recommendations*

*** *Prior to grinding*

SOUTH APPROACH BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	88	#5	28'-1"	
a11(E)	116	#8	28'-6"	
a12(E)	44	#5	7'-4"	
b10(E)	77	#5	29'-8"	
b11(E)	122	#9	29'-8"	
b12(E)	4	#5	15'-0"	
b13(E)	4	#5	14'-6"	
b14(E)	1	#4	14'-6"	
b15(E)	1	#4	14'-8"	
d10(E)	46	#5	6'-5"	
d11(E)	46	#5	8'-6"	
e10(E)	20	#4	14'-8"	
t10(E)	104	#4	10'-1"	
w10(E)	80	#5	27'-10"	
Concrete Superstructure		Cu. Yd.	3.9	
Concrete Superstructure (Approach Slab)		Cu. Yd.	73.6	
Concrete Structures		Cu. Yd.	16.2	
Reinforcement Bars, Epoxy Coated		Pound	30,510	

NORTH APPROACH BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a12(E)	44	#5	7'-4"	
a13(E)	88	#5	26'-5"	
a14(E)	116	#8	26'-10"	
b10(E)	72	#5	29'-8"	
b11(E)	114	#9	29'-8"	
b12(E)	4	#5	15'-0"	
b13(E)	4	#5	14'-6"	
b14(E)	1	#4	14'-6"	
b15(E)	1	#4	14'-8"	
d10(E)	46	#5	6'-5"	
d11(E)	46	#5	8'-6"	
e10(E)	20	#4	14'-8"	
t10(E)	96	#4	10'-1"	
w11(E)	80	#5	25'-10"	
Concrete Superstructure		Cu. Yd.	3.9	
Concrete Superstructure (Approach Slab)		Cu. Yd.	69.0	
Concrete Structures		Cu. Yd.	15.0	
Reinforcement Bars, Epoxy Coated		Pound	28,660	

DESIGNED -	MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025
CHECKED -	RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN
DRAWN -	DENNIS A. POP	PASSED	REVISED -
CHECKED -	R.P.N. / A.M.D.		REVISED -

ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 025-0113

SHEET 13 OF 25 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	47
			CONTRACT NO. 74A04	
		ILLINOIS	FED. AID PROJECT	

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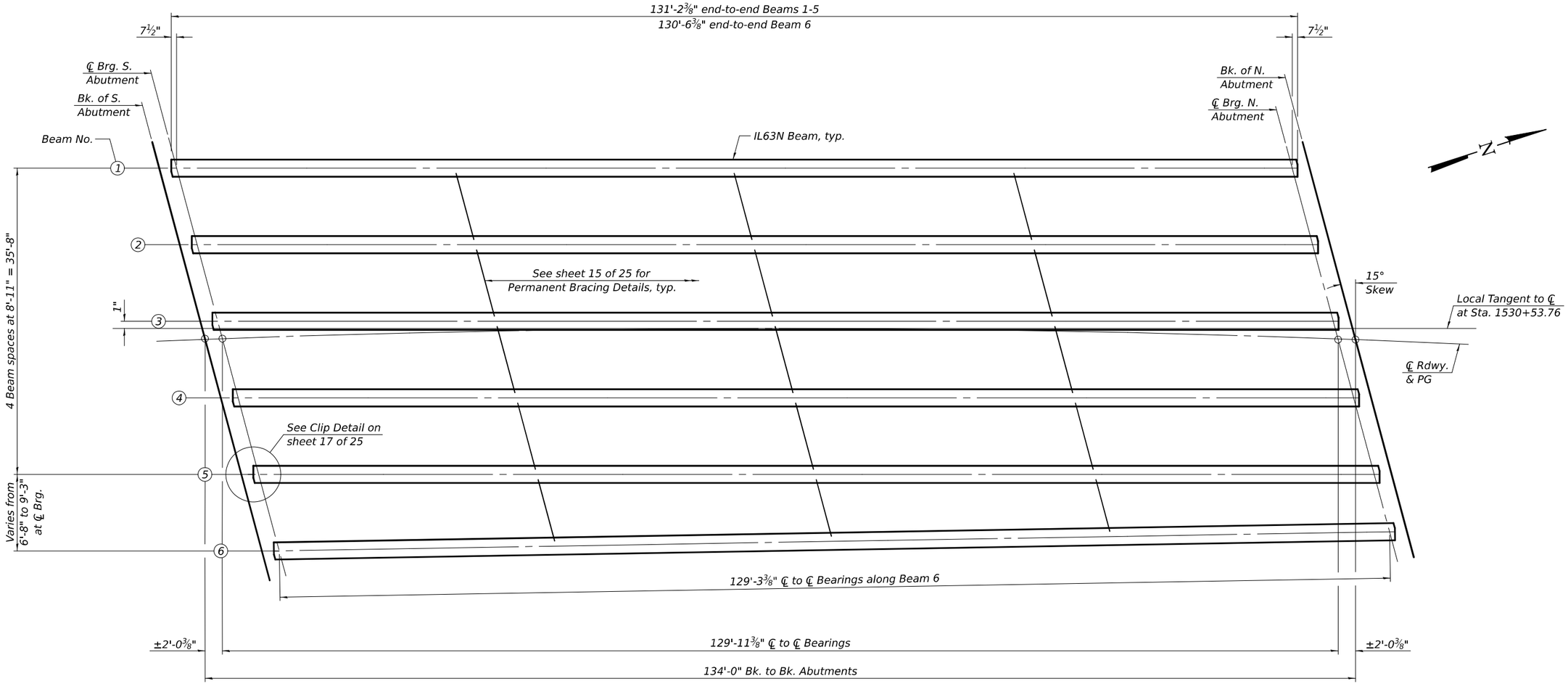
8/21/2025 7:26:53 AM



FRAMING PLAN

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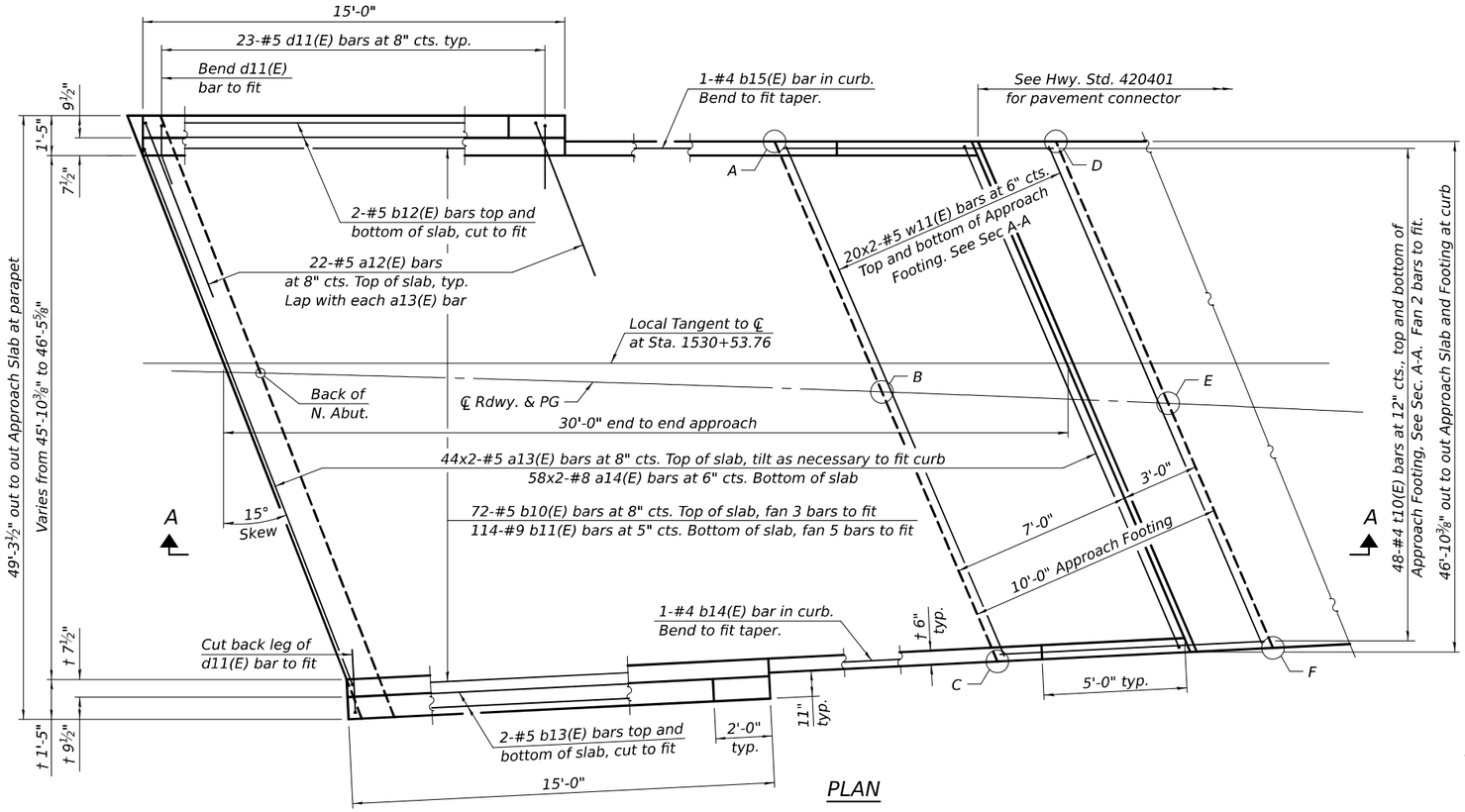
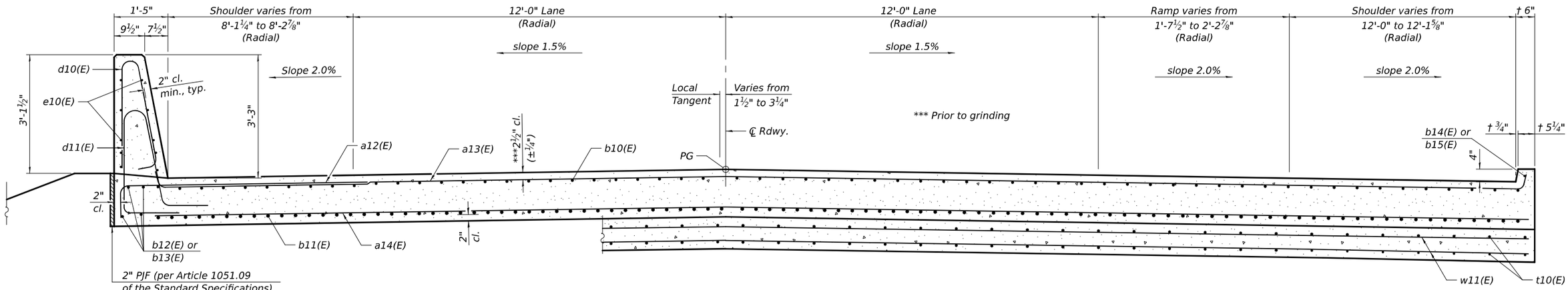
8/21/2025 7:26:54 AM

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	**STATE OF ILLINOIS**	FRAMING PLAN	F.A.I. RTE. 57 | SECTION 25-8BR | COUNTY EFFINGHAM | TOTAL SHEETS 96 | SHEET NO. 48
CHECKED - RYAN P. NEGANGARD			**DEPARTMENT OF TRANSPORTATION**	STRUCTURE NO. 025-0113	CONTRACT NO. 74A04
DRAWN - DENNIS A. POP	PASSED	REVISED -		SHEET 14 OF 25 SHEETS	ILLINOIS | FED. AID PROJECT
CHECKED - R.P.N. / A.M.D.	ENGINEER OF BRIDGE DESIGN ENGINEER OF BRIDGES AND STRUCTURES	REVISED -			



PLAN



NEAR ABUTMENT

CROSS SECTION
(Looking North)

AT APPROACH FOOTING

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

North Approach		
Point/ Location	Top	Bottom
A - SW	597.85	598.68
B - S ℄	598.18	599.01
C - SE	597.69	598.52
D - NW	597.81	598.64
E - N ℄	598.14	598.97
F - NE	597.66	598.49

MINIMUM BAR LAP

#5 bar = 3'-4"
#8 bar = 4'-9"

† Measured perpendicular to back of parapet or curb.

(Sheet 2 of 3)

MODEL: 025011 3-74A04-012.dgn
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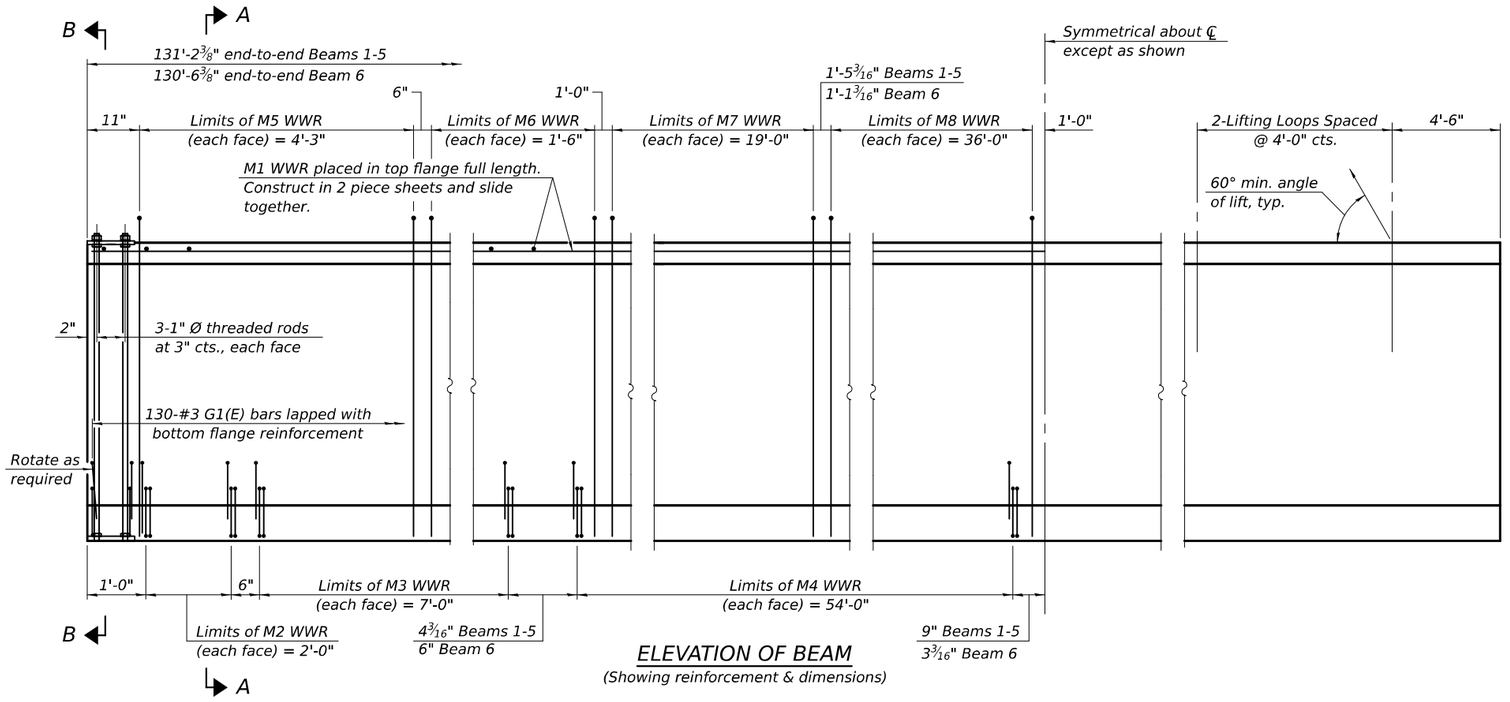
DESIGNED -	MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025
CHECKED -	RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN
DRAWN -	DENNIS A. POP	PASSED	REVISED -
CHECKED -	R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES REVISED -

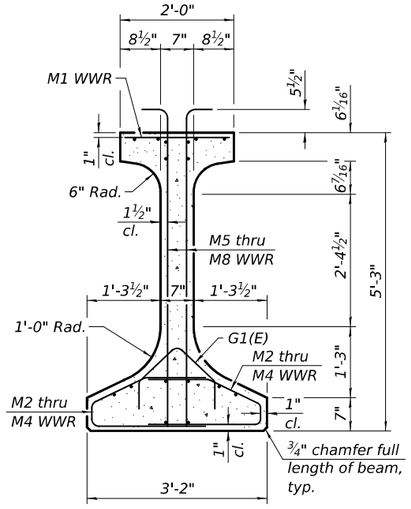
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 025-0113
SHEET 12 OF 25 SHEETS

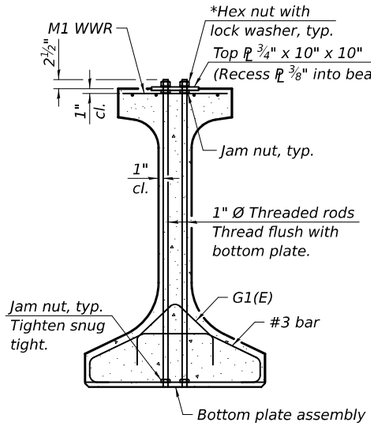
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	46
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



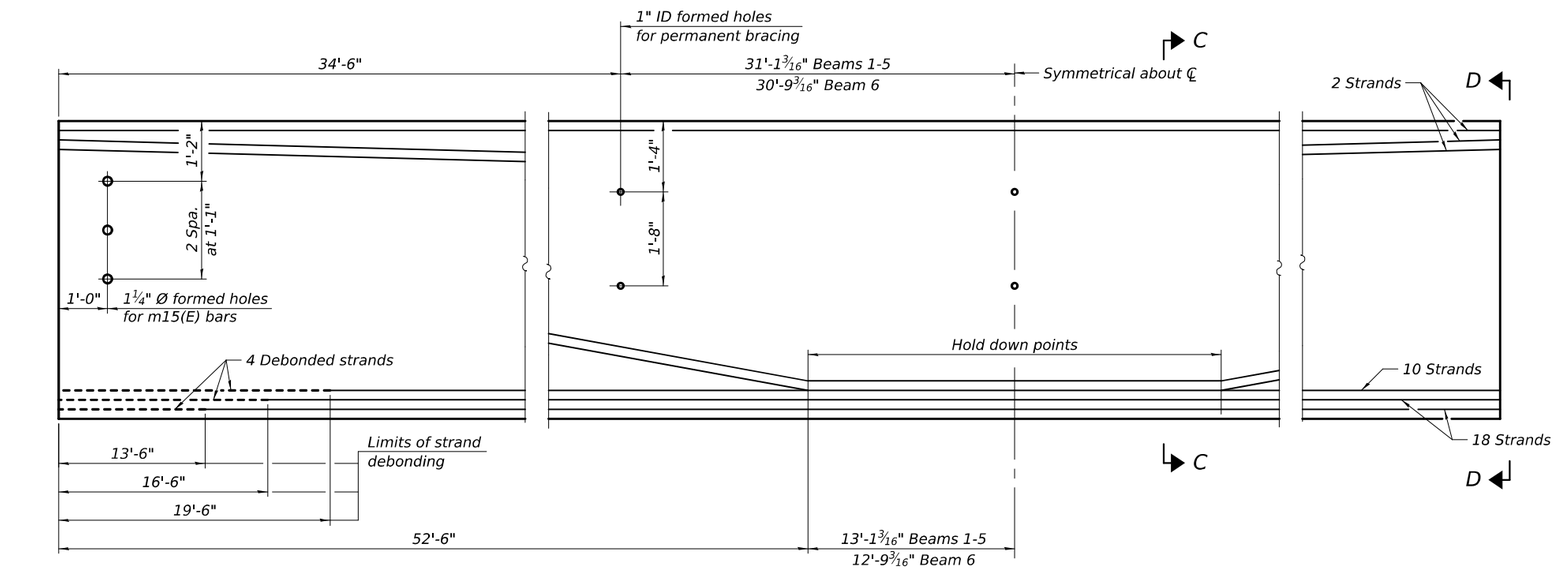
ELEVATION OF BEAM
(Showing reinforcement & dimensions)



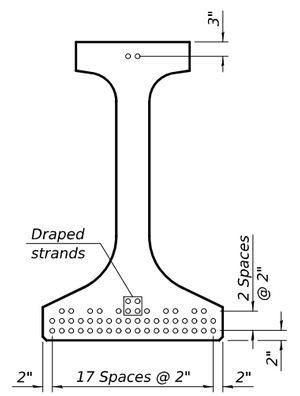
SECTION A-A



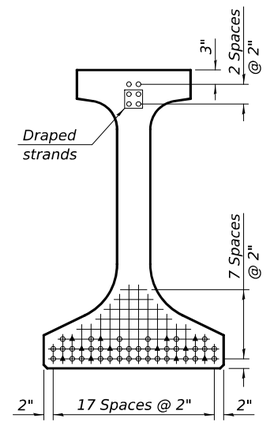
SECTION B-B
* Only tighten sufficiently to compress lock washers



ELEVATION OF BEAM
(Showing prestressing steel)



SECTION C-C
(52-0.6" Ø 270 ksi strands)



VIEW D-D
○ Fully bonded strand

▲ Partially debonded strand

Note:
See sheet 17 of 25 for additional details and Bill of Material.

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8/21/2025 7:26:56 AM

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**IL63N BEAM STRUCTURE NO. 025-0113**
CHECKED - RYAN P. NEGANGARD	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 16 OF 25 SHEETS
DRAWN - DENNIS A. POP			REVISED -		
CHECKED - R.P.N. / A.M.D.			REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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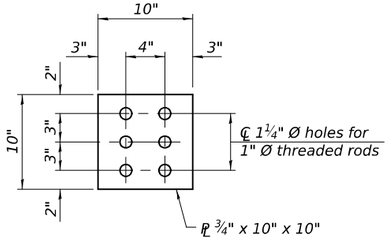
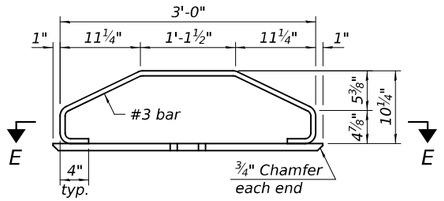
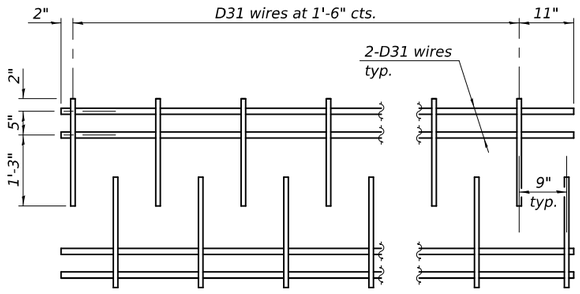
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



PLAN - TOP PLATE

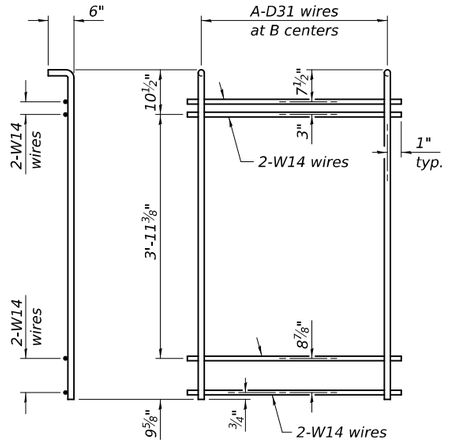


ELEVATION - BOTTOM PLATE ASSEMBLY



M1 WWR DETAIL

When multiple sheets of M1 WWR are required along the beam length, #5(E) bars (5'-0" long) shall be used to splice the longitudinal D31 wires together (Min. Lap 2'-4").



M5 THRU M8 WWR DETAIL

(See Table of Dimensions)

NOTES

Inserts for ¾" Ø threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams.

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter for beam strands shall be 0.6" and the nominal cross-sectional area shall be 0.217 sq. in. The minimum nominal diameter for lifting loops shall be ½" and the minimum nominal cross sectional area shall be 0.153 sq. in.

The beams shall have a final concrete compressive strength, f'c, of 8500 psi and a release concrete compressive strength, f'ci, of 6500 psi.

A minimum 2½" Ø lifting pin shall be used to engage the lifting loops during handling.

Bend the extended strands inward on the fascia beams to maintain 1½" clearance inside the pier diaphragm.

The top and bottom plates shall be AASHTO M270 Grade 50.

The top plates and bottom plate assemblies shall be galvanized according to AASHTO M111. The threaded rods, nuts and washers shall be galvanized according to AASHTO M232.

Threaded rods shall be ASTM F 1554 Grade 55.

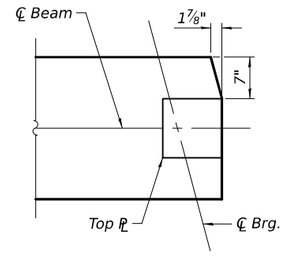
Welded Wire Reinforcement (WWR) shall conform to ASTM A884 with a Class A, Type 1 epoxy coating or ASTM A1060, Table 3 galvanized coating.

TABLE OF DIMENSIONS

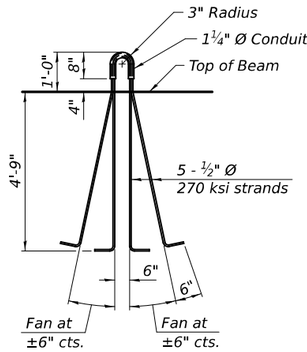
(The WWR designs assume grade 60. If necessary, this permits the fabricator to directly substitute grade 60 rebar as detailed in the Manual for Fabrication of Precast Prestressed Concrete Products.)

SPAN 1

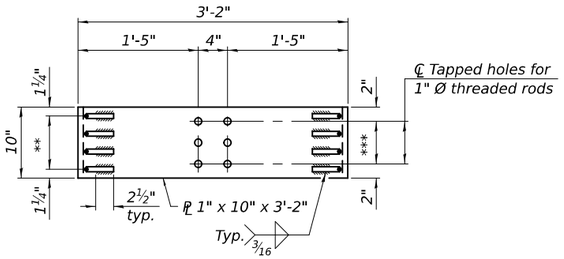
WWR	A	B
M2	9	3"
M3	15	6"
M4	37	1'-6"
M5	18	3"
M6	4	6"
M7	20	1'-0"
M8	19	2'-0"



TOP FLANGE CLIP DETAIL



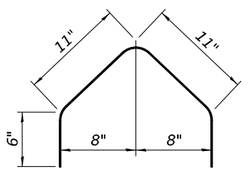
LIFTING LOOP DETAIL



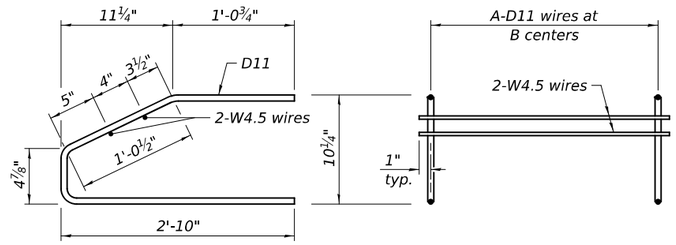
SECTION E-E

** 3 Spaces at 2½" = 7½"

*** 2 Spaces at 3" = 6"



BAR G1(E)



M2 THRU M4 WWR DETAIL

(See Table of Dimensions)

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete Beams, IL63N	Foot	787

DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**IL63N BEAM DETAILS STRUCTURE NO. 025-0113**	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN				57	25-8BR	EFFINGHAM	96	51
DRAWN - DENNIS A. POP	PASSED		REVISED -		SHEET 17 OF 25 SHEETS			CONTRACT NO. 74A04		
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -					ILLINOIS	FED. AID PROJECT	

MODEL: 025O113-74A04-017.dgn
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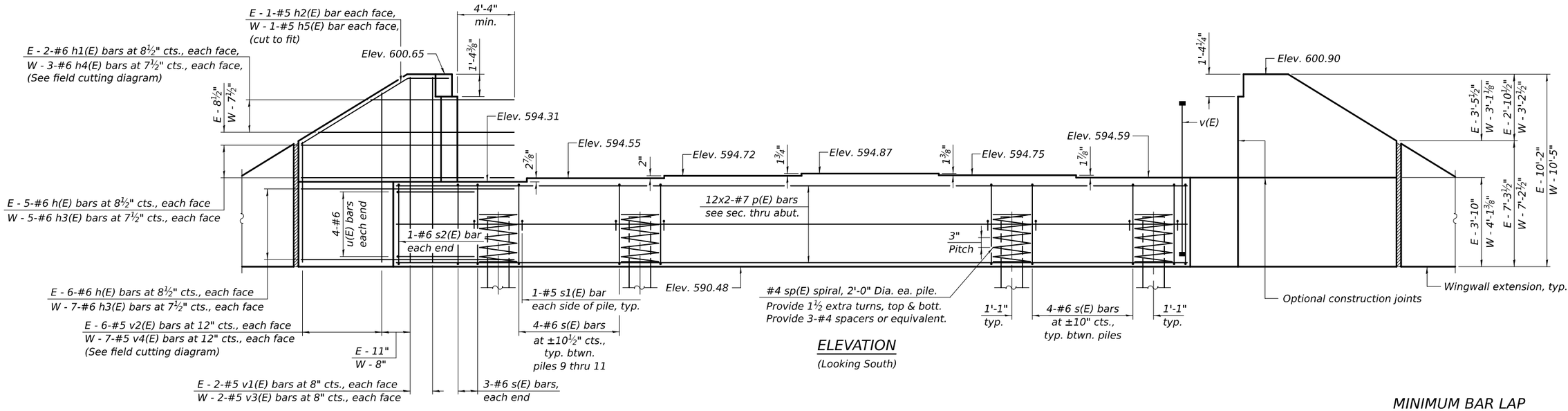

Notes:
See sheet 20 of 25 for additional abutment details.
Bars indicated thus 12x2-#7 etc. indicates 12 lines of bars with 2 lengths per line.

MODEL: 025011S-74A04-018.dgn
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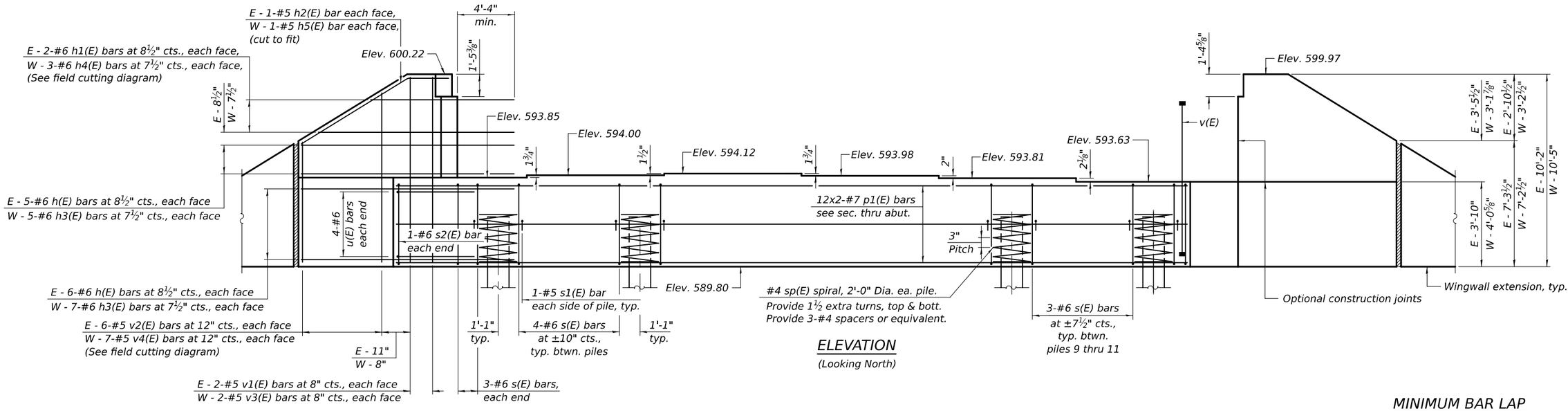
8/21/2025 7:26:57 AM

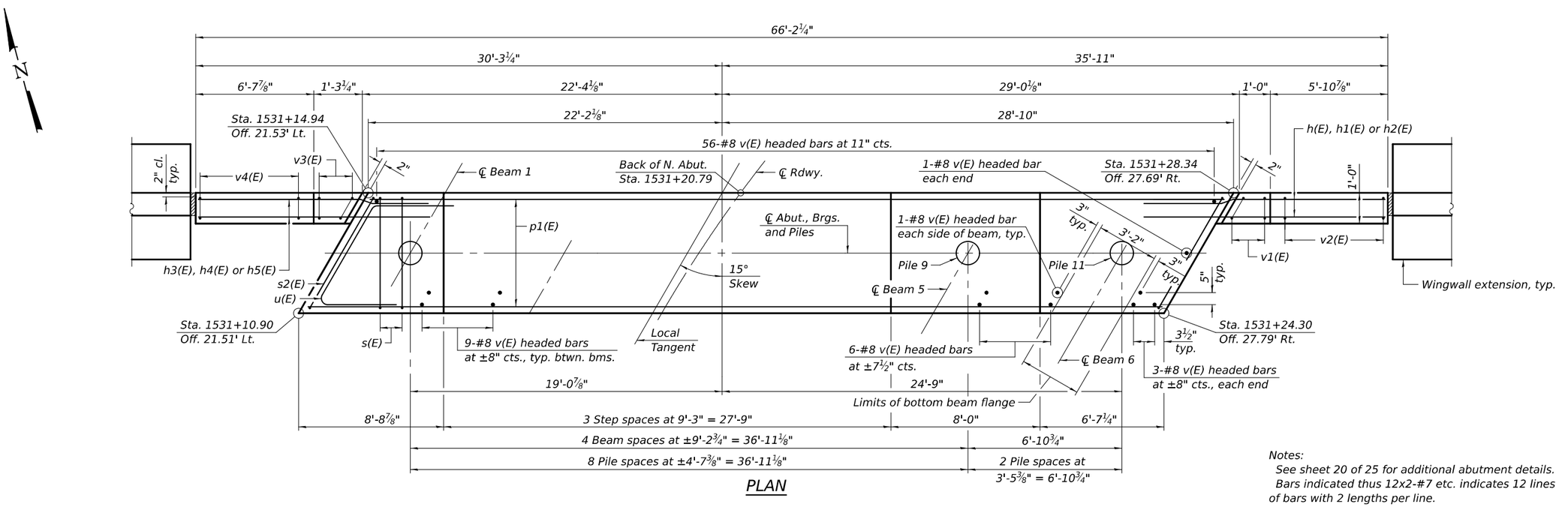
DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH ABUTMENT STRUCTURE NO. 025-0113
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN			
DRAWN - DENNIS A. POP	PASSED		REVISED -		SHEET 18 OF 25 SHEETS
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	52
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



MINIMUM BAR LAP

#7 bar = 5'-0"



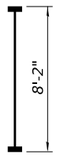
PLAN

Notes:
See sheet 20 of 25 for additional abutment details.
Bars indicated thus 12x2-#7 etc. indicates 12 lines of bars with 2 lengths per line.

MODEL: 025011S-74A04-019.dgn
FILE NAME: pw://illdot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/Bureau of Bridges and Structures/OBM Projects/025011S/CADData/Bridge/025011S-74A04-Design.dgn
8/21/2025 7:26:58 AM

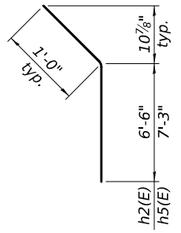
DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH ABUTMENT STRUCTURE NO. 025-0113
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN			SHEET 19 OF 25 SHEETS
DRAWN - DENNIS A. POP	PASSED		REVISED -		
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	53
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

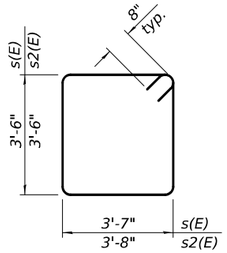


BAR v(E)

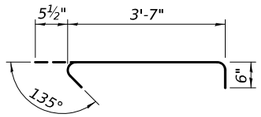
(Headed. 486 - #8 Bar terminators)



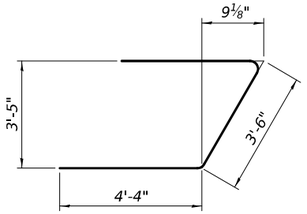
BARS h2(E) & h5(E)



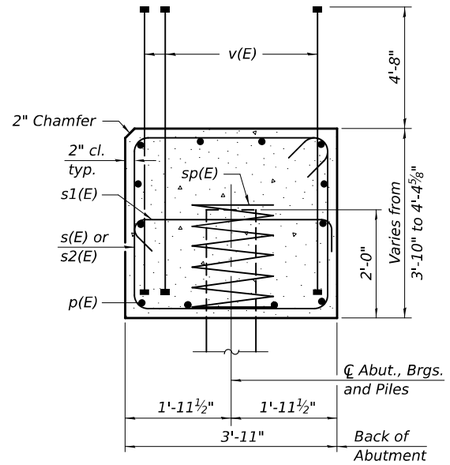
BARS s(E) & s2(E)



BAR s1(E)

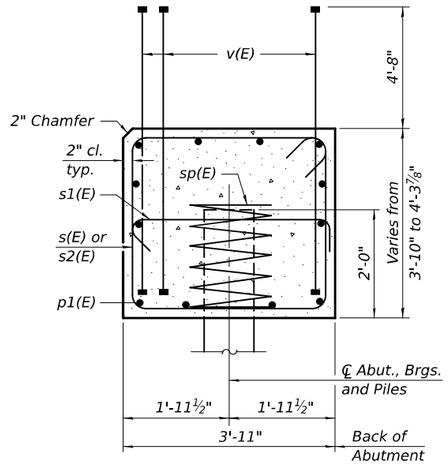


BAR u(E)



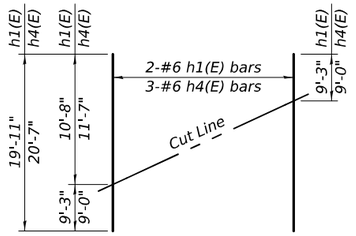
SEC. THRU S. ABUT.

Dimensions at right angles to abutment.



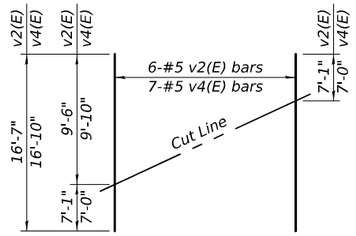
SEC. THRU N. ABUT.

Dimensions at right angles to abutment.



FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown and use remainder of bars in opposite face.



FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown and use remainder of bars in opposite face.

SOUTH ABUTMENT BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h(E)	22	#6	11'-6"	
	h1(E)	2	#6	19'-11"	
	h2(E)	2	#5	7'-6"	
	h3(E)	24	#6	12'-3"	
	h4(E)	3	#6	20'-7"	
	h5(E)	2	#5	8'-3"	
	p(E)	24	#7	29'-3"	
	s(E)	46	#6	15'-6"	
	s1(E)	22	#5	4'-7"	
	s2(E)	2	#6	15'-8"	
*	sp(E)	11	#4	2'-0"	
	u(E)	8	#6	12'-2"	
	v(E)	125	#8	8'-2"	
	v1(E)	4	#5	9'-10"	
	v2(E)	6	#5	16'-7"	
	v3(E)	4	#5	10'-1"	
	v4(E)	7	#5	16'-10"	
	Structure Excavation		Cu. Yd.	245	
	Concrete Structures		Cu. Yd.	37.5	
	Reinforcement Bars, Epoxy Coated		Pound	7,340	
	Furnishing Metal Shell Piles 14" x 0.312"		Foot	430	
	Driving Piles		Foot	430	
	Test Pile Metal Shells		Each	1	
	Pile Shoes		Each	11	

* Length is height of spiral.

NORTH ABUTMENT BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h(E)	22	#6	11'-6"	
	h1(E)	2	#6	19'-11"	
	h2(E)	2	#5	7'-6"	
	h3(E)	24	#6	12'-3"	
	h4(E)	3	#6	20'-7"	
	h5(E)	2	#5	8'-3"	
	p1(E)	24	#7	27'-11"	
	s(E)	44	#6	15'-6"	
	s1(E)	22	#5	4'-7"	
	s2(E)	2	#6	15'-8"	
*	sp(E)	11	#4	2'-0"	
	u(E)	8	#6	12'-2"	
	v(E)	118	#8	8'-2"	
	v1(E)	4	#5	9'-10"	
	v2(E)	6	#5	16'-7"	
	v3(E)	4	#5	10'-1"	
	v4(E)	7	#5	16'-10"	
	Structure Excavation		Cu. Yd.	234	
	Concrete Structures		Cu. Yd.	35.5	
	Reinforcement Bars, Epoxy Coated		Pound	7,080	
	Furnishing Metal Shell Piles 14" x 0.312"		Foot	560	
	Driving Piles		Foot	560	
	Test Pile Metal Shells		Each	1	
	Pile Shoes		Each	11	

* Length is height of spiral.

South Abutment piles shall be driven through 24" diameter precored holes extending to elevation 580.48 according to Article 512.09(c) of the Standard Specifications except that the void space outside the pile shall be filled with bentonite according to the manufacturer's recommendations to achieve a Qu of 1.5 tsf. Cost included in driving piles.

SOUTH ABUTMENT - PILE DATA

Type: Metal Shell 14" x 0.312" w/ Pile Shoes
Nominal Required Bearing: 427 kips
Factored Resistance Available: 235 kips
Est. Length: 43'
No. Production Piles: 10
No. Test Piles: 1

NORTH ABUTMENT - PILE DATA

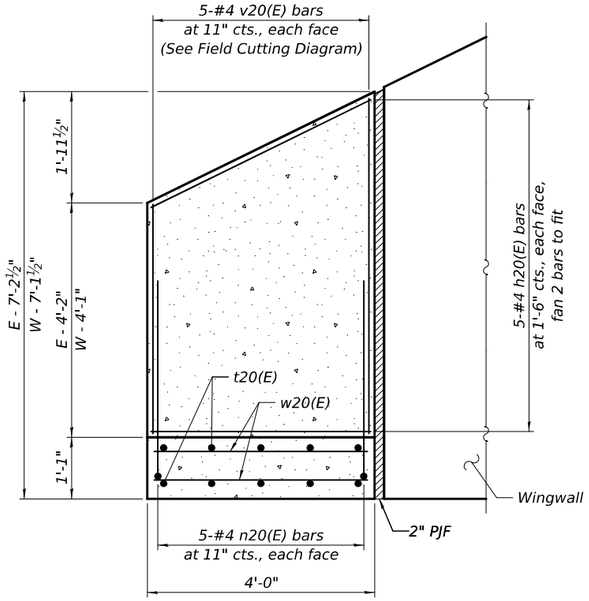
Type: Metal Shell 14" x 0.312" w/ Pile Shoes
Nominal Required Bearing: 421 kips
Factored Resistance Available: 232 kips
Est. Length: 56'
No. Production Piles: 10
No. Test Piles: 1

Notes:
Pour steps monolithically with cap.
For details of piles see sheet 22 of 25.
See sheet 21 of 25 for wingwall extensions.
Bar terminators, paid for separately. See Total Bill of Material.

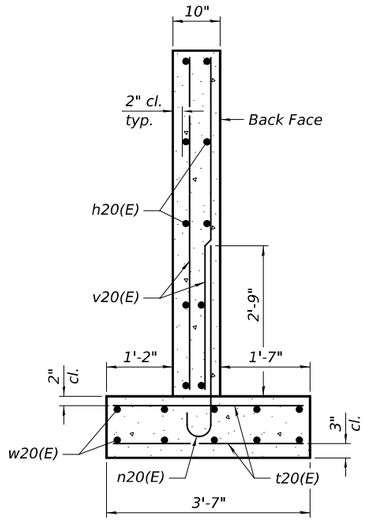
MODEL: 0250113-74A04-020.dgn
FILE NAME: pw://idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\Bureau of Bridges and Structures\OBM Projects\0250113\CADData\Bridge\0250113-74A04-Design.dgn

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**ABUTMENT DETAILS STRUCTURE NO. 025-0113**
CHECKED - RYAN P. NEGANGARD	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 20 OF 25 SHEETS
DRAWN - DENNIS A. POP			REVISED -		
CHECKED - R.P.N. / A.M.D.					
8/21/2025 7:26:59 AM					

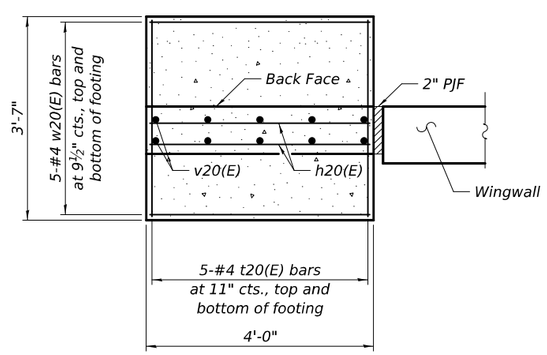
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-3BR	EFFINGHAM	96	54
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



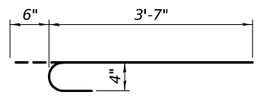
ELEVATION



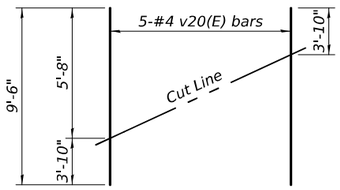
SECTION THRU WINGWALL EXTENSION



PLAN



BAR n20(E)



FIELD CUTTING DIAGRAM

Order bars full length. Cut as shown and use remainder of bars in opposite face.

Notes:

Structure Excavation for wingwall extensions are included in abutment Bill of Material.

Pipe underdrains and associated drainage materials shall be placed behind the wingwall extension footings as necessary.

Wingwall extensions shall be considered part of the wingwall for limits of drainage system components. See sheet 2 of 25 for additional details.

SOUTH WINGWALL EXTENSIONS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20(E)	20	#4	3'-8"	
n20(E)	20	#4	4'-1"	
t20(E)	20	#4	3'-3"	
v20(E)	10	#4	9'-6"	
w20(E)	20	#4	3'-8"	
Concrete Structures			Cu. Yd.	2.4
Reinforcement Bars, Epoxy Coated			Pound	260

NORTH WINGWALL EXTENSIONS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20(E)	20	#4	3'-8"	
n20(E)	20	#4	4'-1"	
t20(E)	20	#4	3'-3"	
v20(E)	10	#4	9'-6"	
w20(E)	20	#4	3'-8"	
Concrete Structures			Cu. Yd.	2.4
Reinforcement Bars, Epoxy Coated			Pound	260

MODEL: 0250113-74A04-021.dgn
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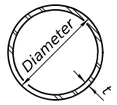
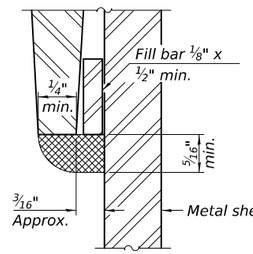
8/21/2025 7:27:00 AM

DESIGNED - MARTIN FIGUEROA	EXAMINED	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WINGWALL EXTENSION STRUCTURE NO. 025-0113	F.A.I. RTE. 57 / SECTION 25-8BR / COUNTY EFFINGHAM / TOTAL SHEETS 96 / SHEET NO. 55
CHECKED - RYAN P. NEGANGARD				SHEET 21 OF 25 SHEETS	CONTRACT NO. 74A04
DRAWN - DENNIS A. POP	PASSED	REVISED -			ILLINOIS / FED. AID PROJECT
CHECKED - R.P.N. / A.M.D.	ENGINEER OF BRIDGE DESIGN	REVISED -			
	ENGINEER OF BRIDGES AND STRUCTURES				

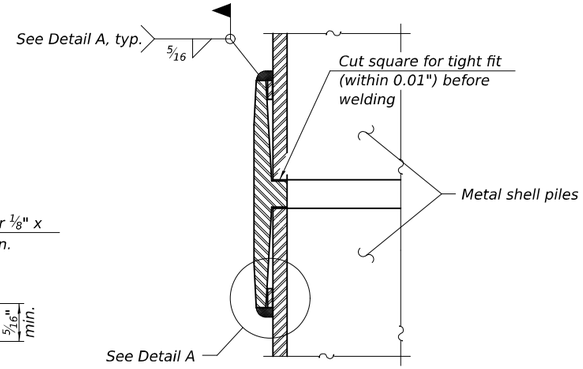


METAL SHELL PILE TABLE

Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd.³/ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470

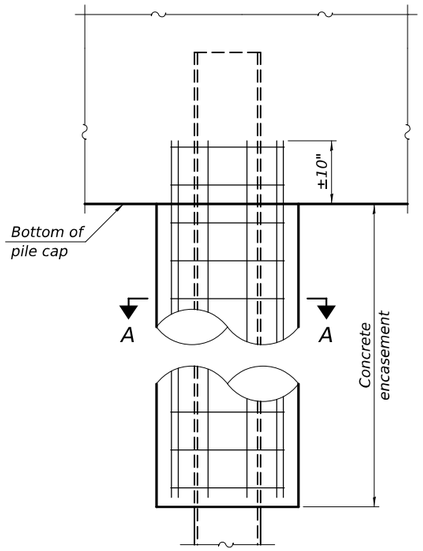


DETAIL A



WELDED COMMERCIAL SPLICE

Notes:
The ⅛" x ½" min. fill bar may be constructed of 2 bars with a ⅛" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.



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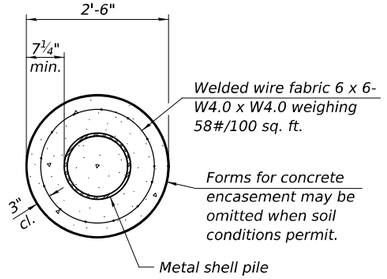
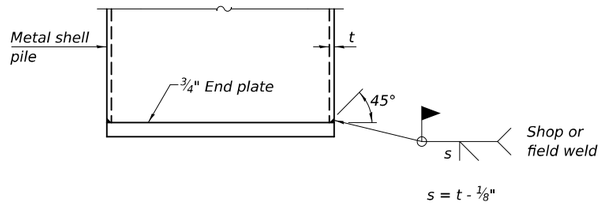


SECTION A-A

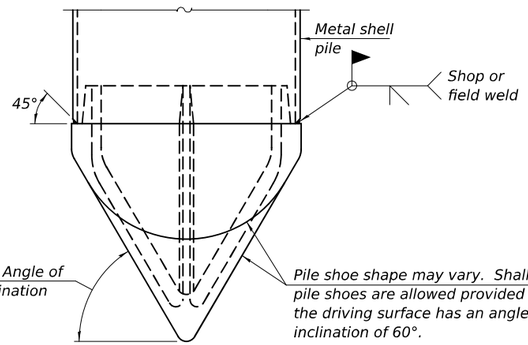
INDIVIDUAL PILE CONCRETE ENCASEMENT

(When specified)



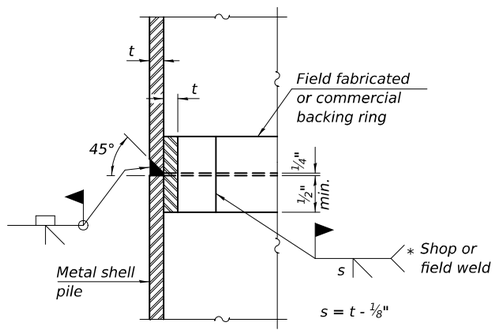
$s = t - \frac{1}{8}"$

END PLATE ATTACHMENT



PILE SHOE ATTACHMENT

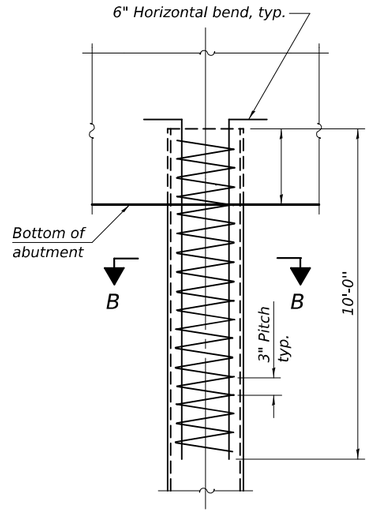
(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).



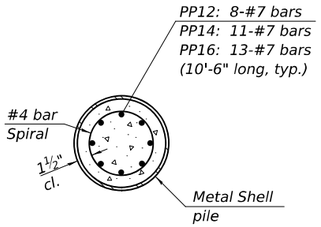
$s = t - \frac{1}{8}"$

COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

REINFORCEMENT AT ABUTMENTS

(Omit when concrete encasement is specified)

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS 5-15-2023

DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**METAL SHELL PILE DETAILS STRUCTURE NO. 025-0113**
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN			SHEET 22 OF 25 SHEETS
DRAWN - DENNIS A. POP	PASSED		REVISED -		
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR	EFFINGHAM	96	56
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

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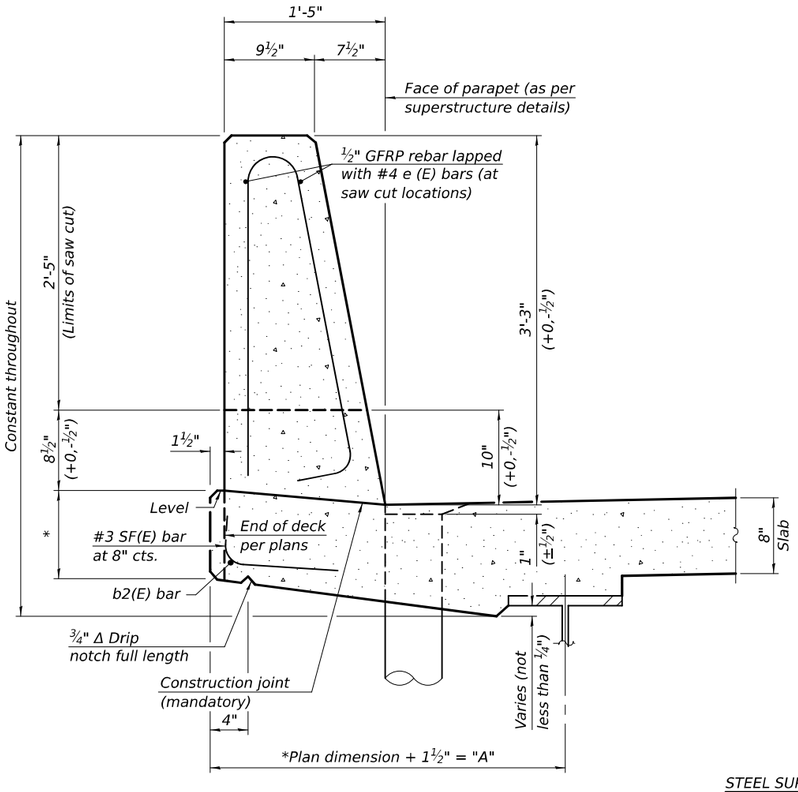
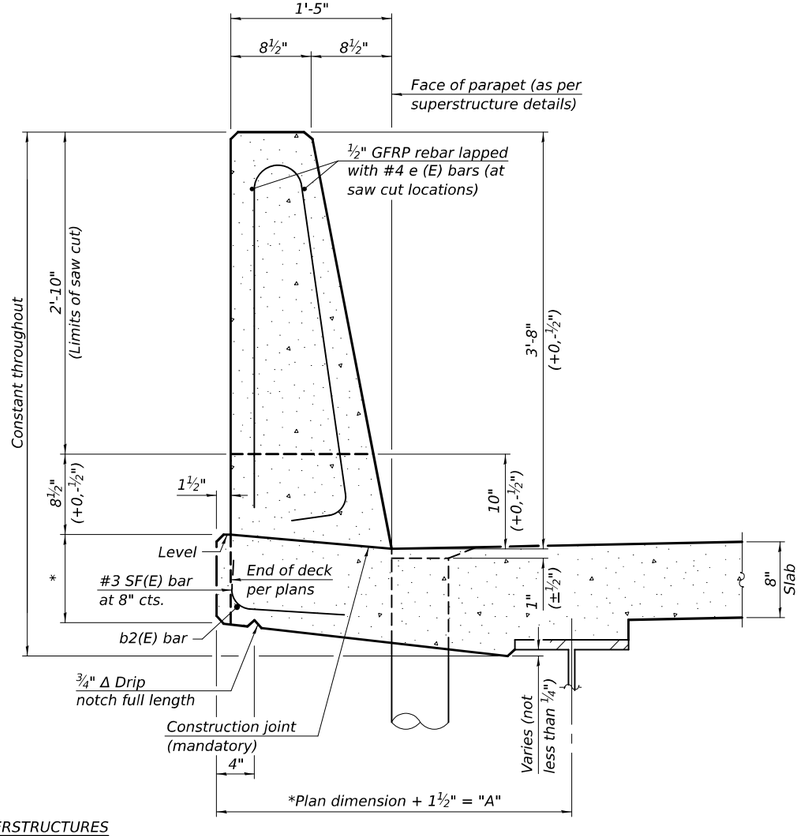


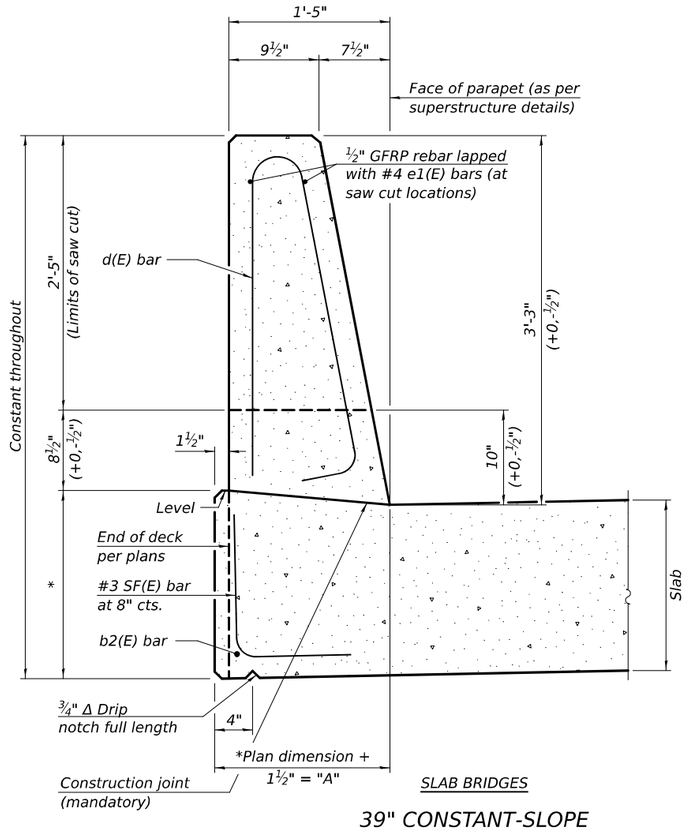
39" CONSTANT-SLOPE PARAPET SECTION

(Showing dimensions, d(E), and ½" Ø GFRP rebar)



44" CONSTANT-SLOPE PARAPET SECTION

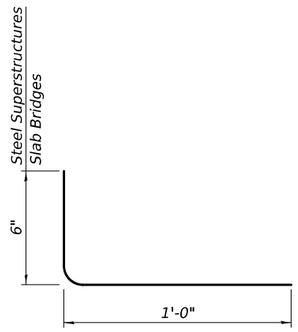
(Showing dimensions, d(E), and ½" Ø GFRP rebar)



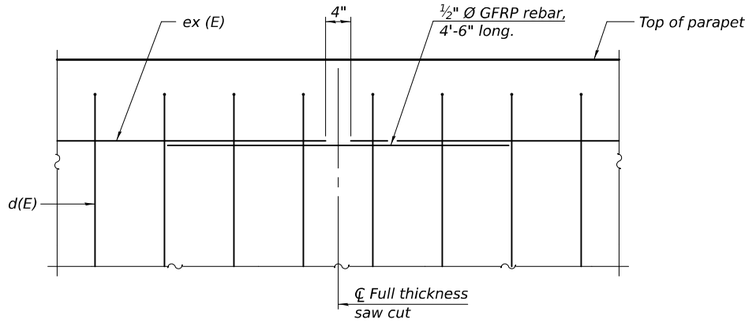
39" CONSTANT-SLOPE PARAPET SECTION

(Showing dimensions, d(E), and ½" Ø GFRP rebar)

*See Superstructure Details.



SF(E) BAR



DETAIL - GFRP REBAR STIFFENING ELEVATION

(Place as shown in parapet section at each parapet joint location.)

Notes:

All dimensions shall remain the same as shown on superstructure details, except dimension "A" which is to be revised as shown.

Additional concrete needed to revise dimension "A" (39" and 44" parapets):

Steel Superstructures: 0.00348 cu. yds./ft.

Slab Bridge Superstructures: cu. yds./ft.

Place full depth aluminum sheets as shown on superstructure details.

Replace all cork joint filler locations with a full thickness saw cut.

Steel and slab superstructures shown. Other superstructure types similar.

SFP 39-44 10/27/2023

DESIGNED - MARTIN FIGUEROA	EXAMINED	ENGINEER OF BRIDGE DESIGN	DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE PARAPET SLIPFORMING OPTION STRUCTURE NO. 025-0113
CHECKED - RYAN P. NEGANGARD	PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 23 OF 25 SHEETS
DRAWN - DENNIS A. POP			REVISED -		
CHECKED - R.P.N. / A.M.D.					

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-3BR	EFFINGHAM	96	57
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		

MODEL: 025011S-74A04-023.dgn
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8/21/2025 7:27:02 AM

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 9/27/22

ROUTE FAI 57A (I-57) DESCRIPTION Northbound I-57 over East Branch Green Creek LOGGED BY E. Sandschafer

SECTION 25-8BR LOCATION West Half, SEC. 26, TWP. 9N, RNG. 6E. 3rd PM.
Latitude N 39.194187, Longitude W 88.502221

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 025-0003 (Existing) 025-0113 (Proposed)
Station 1530+53.76

BORING NO. 1 South Abutment
Station 1529+40
Offset 16.0 ft RT
Ground Surface Elev. 600.79 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 568.05 ft

Groundwater Elev.:
First Encounter 583.8 ft ▼
Upon Completion 585.8 ft ▽
After 48 Hrs. 593.8 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement			
598.79			
Gravel and Rock			
Brown, CLAY LOAM			
596.29			
Medium, wet, brown, CLAY LOAM	-5 1		
	1	0.8 B	17
	1		
593.79 ▽			
Very stiff, moist, grey, grey, SILTY CLAY LOAM	1		
	3	2.1 B	18
	3		
591.29			
Stiff, moist, brown, CLAY LOAM Till	-10 1		
	2	1.2 B	14
	3		
	2		
Hard, grey			
	14	5.0 B	9
	19		
▽ -15	4		
	18	7.2 S	9
	26		
583.79 ▼			
Very dense, moist, grey, medium grain, SAND 19.0% passing #200 Sieve	3		
	46	NT	6
	50/4-3/4"	NT	
580.79-20	11		
Hard, moist, grey, CLAY LOAM Till			
	20	6.6 B	10
	30		
	1		
	6	5.2 B	16
	11		
-25	6		
	13	6.8 S	13
	18		
	7		
	15	6.0 S	12
	24		
-30	5		
	17	5.6 S	11
	27		
	5		
-35	5		
	16	7.8 B	10
	30		
560.79-40	5		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NR-No Recovery, NT-Not Tested.

BBS, form 137 (Rev. 8-99)

Date 9/27/22

ROUTE FAI 57A (I-57) DESCRIPTION Northbound I-57 over East Branch Green Creek LOGGED BY E. Sandschafer

SECTION 25-8BR LOCATION West Half, SEC. 26, TWP. 9N, RNG. 6E. 3rd PM.
Latitude N 39.194187, Longitude W 88.502221

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 025-0003 (Existing) 025-0113 (Proposed)
Station 1530+53.76

BORING NO. 1 South Abutment
Station 1529+40
Offset 16.0 ft RT
Ground Surface Elev. 600.79 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 568.05 ft

Groundwater Elev.:
First Encounter 583.8 ft ▼
Upon Completion 585.8 ft ▽
After 48 Hrs. 593.8 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard, moist, grey, CLAY LOAM Till			
	18	9.3 S	10
	25		
-45	7		
	20	9.3 S	10
	29		
-50	4		
	11	6.4 B	11
	17		
-55	4		
	12	5.2 B	11
	23		
544.79			
Benchmark: BM 651-Sta. 5529+55, 22 feet LT Elevation = 602.41 feet. End of Boring	-60		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NR-No Recovery, NT-Not Tested.

BBS, form 137 (Rev. 8-99)

SOIL BORING 025-0113 (OLD 0003) SOIL 2022.GPJ IL_DOT.GDT 3/8/24

MODEL: 025011 3-74A04-024.dgn
FILE NAME: pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/Bureau of Bridges and Structures/OBM Projects/025011 3/CADData/Bridge/025011 3-74A04-Design.dgn

8/21/2025 7:27:03 AM

DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SOIL BORINGS STRUCTURE NO. 025-0113**	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN				57	25-8BR	EFFINGHAM	96	58
DRAWN - DENNIS A. POP	PASSED		REVISED -						CONTRACT NO. 74A04	
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 24 OF 25 SHEETS			ILLINOIS	FED. AID PROJECT	

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 9/28/22

ROUTE FAI 57A (I-57) DESCRIPTION Northbound I-57 over East Branch Green Creek LOGGED BY E. Sandschafer

SECTION 25-8BR LOCATION West Half, SEC. 26, TWP. 9N, RNG. 6E. 3rd PM.
Latitude N 39.194782, Longitude W 88.501885

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 025-0003 (Existing) 025-0113 (Proposed)
Station 1530+53.76

BORING NO. 2 North Abutment
Station 1531+60
Offset 18.0 ft RT
Ground Surface Elev. 599.43 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 568.05 ft

Groundwater Elev.:
First Encounter 577.4 ft
Upon Completion 579.4 ft
After 24 Hrs. 577.9 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
				5" Asphalt over 8" Gravel
598.33				
				Brown, CLAY LOAM
	1			
	2	1.8	13	Stiff, moist
	2	B		
594.93				
-5	1			Stiff, moist, grey, CLAY
	2	1.9	18	
	3	B		
	2			
	3	1.9	18	Brown
	3	B		
-10	1			
	1	2.0	17	
	3	B		
	1			
	1	1.2	17	
	1	B		
584.93				
-15	1			Medium, moist, grey, SILTY CLAY
	1	0.8	16	
	3	B		
582.43				
	1			Stiff, moist, grey & brown marbled, CLAY
	1	1.7	22	
	2	B		
579.43 -20	1			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	3	1.8	19	Stiff, moist, brown, CLAY
	3	B		
577.43				
	1			Medium, moist, grey, SILTY LOAM
	1	0.7	16	With organics
	2	B		
-25	1			
	1	0.3	26	Soft
	1	B		
	1			
	1	0.4	20	
	8	B		
569.93				
-30	2			Medium, moist, brown, SANDY LOAM
	12	NT	19	
	14	NT		
564.93				
-35	4			Hard, moist, grey, CLAY LOAM Till
	7	4.5	16	
	12	B		
559.43 -40	2			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NR-No Recovery, NT-Not Tested.

BBS, form 137 (Rev. 8-99)

Date 9/28/22

ROUTE FAI 57A (I-57) DESCRIPTION Northbound I-57 over East Branch Green Creek LOGGED BY E. Sandschafer

SECTION 25-8BR LOCATION West Half, SEC. 26, TWP. 9N, RNG. 6E. 3rd PM.
Latitude N 39.194782, Longitude W 88.501885

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 025-0003 (Existing) 025-0113 (Proposed)
Station 1530+53.76

BORING NO. 2 North Abutment
Station 1531+60
Offset 18.0 ft RT
Ground Surface Elev. 599.43 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 568.05 ft

Groundwater Elev.:
First Encounter 577.4 ft
Upon Completion 579.4 ft
After 24 Hrs. 577.9 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	6	3.9	14	Very stiff, moist, grey, CLAY LOAM Till
	10	B		
-45	5			
	13	3.9	13	
	19	B		
-50	3			
	6	3.5	13	
	10	B		
544.93				
-55	2			Very stiff, moist, grey, SILTY CLAY Till
	8	3.3	14	
	12	B		
539.43 -60	6			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	11	3.5	17	Very stiff, moist, grey, SILTY CLAY Till
	12	B		
534.93				
-65	2			veryu stiff, moist, grey, CLAY LOAM Till
	4	2.1	19	
	6	B		
-70	2			
	4	2.1	15	
	7	B		
524.43 -75	50/3"			
	50/0-1/4"	NT	NT	20-inch Boulder
	50/0-1/4"	NT		
522.73				
				Grey, CLAY Till
519.43 -80	NT			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NR-No Recovery, NT-Not Tested.

BBS, form 137 (Rev. 8-99)

Date 9/28/22

ROUTE FAI 57A (I-57) DESCRIPTION Northbound I-57 over East Branch Green Creek LOGGED BY E. Sandschafer

SECTION 25-8BR LOCATION West Half, SEC. 26, TWP. 9N, RNG. 6E. 3rd PM.
Latitude N 39.194782, Longitude W 88.501885

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

STRUCT. NO. 025-0003 (Existing) 025-0113 (Proposed)
Station 1530+53.76

BORING NO. 2 North Abutment
Station 1531+60
Offset 18.0 ft RT
Ground Surface Elev. 599.43 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 568.05 ft

Groundwater Elev.:
First Encounter 577.4 ft
Upon Completion 579.4 ft
After 24 Hrs. 577.9 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	NT	NT	NT	Grey, CLAY Till
	NT	NT		
514.93				
-85	4			Hard, moist, brown & grey, SILTY CLAY LOAM Till
	17	5.7	18	
	25	S		
513.43				
				Benchmark: BM 651-Sta. 5529+55, 22 feet LT Elevation = 602.41 feet. End of Boring
-90				
-95				
-100				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NR-No Recovery, NT-Not Tested.

BBS, form 137 (Rev. 8-99)

SOIL BORING 025-0113 (OLD 0003) SOIL 2022.GPJ IL_DOT.GDT 3/8/24

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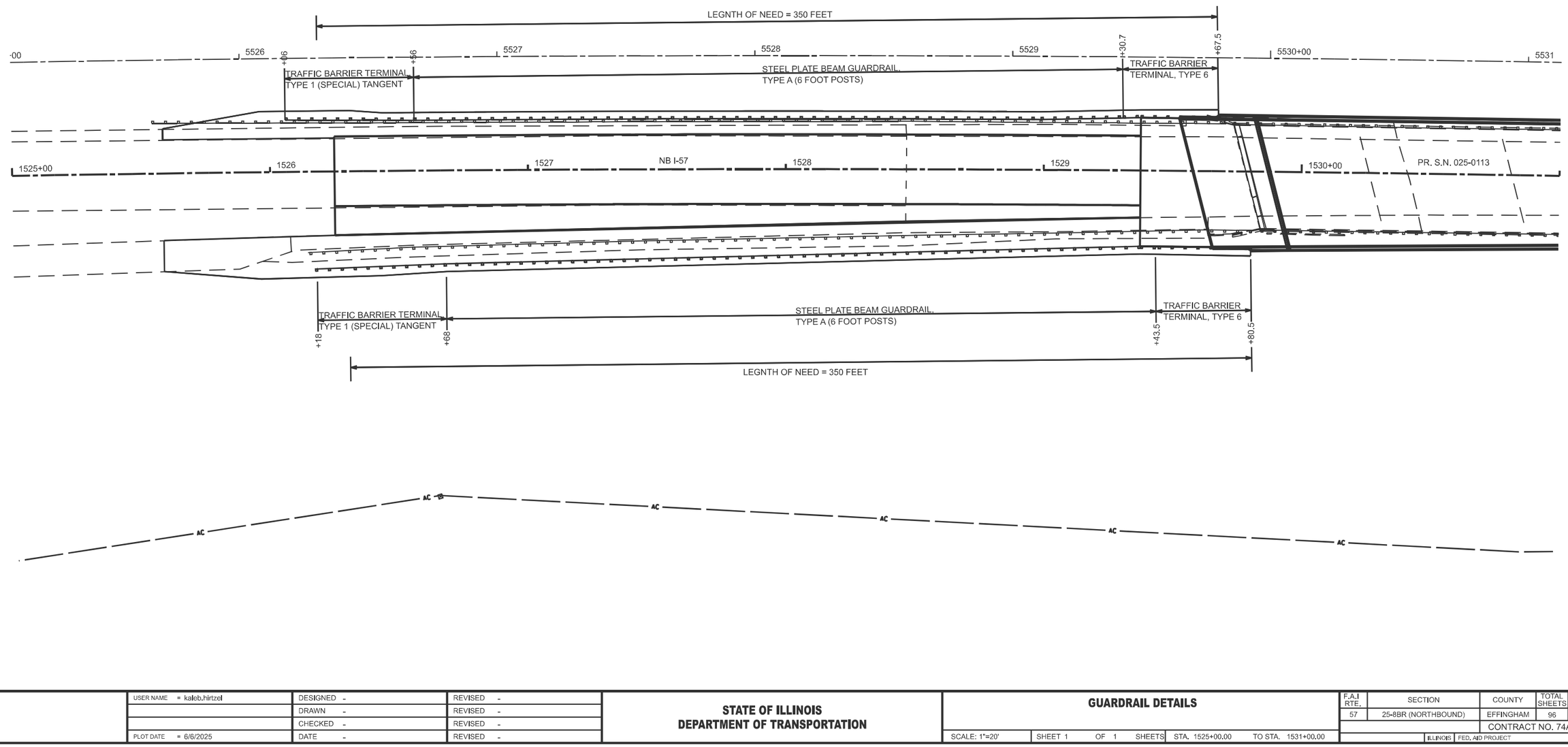
8/21/2025 7:27:04 AM

DESIGNED - MARTIN FIGUEROA	EXAMINED		DATE - August 20, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS STRUCTURE NO. 025-0113	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - RYAN P. NEGANGARD		ENGINEER OF BRIDGE DESIGN				57	25-8BR	EFFINGHAM	96	59
DRAWN - DENNIS A. POP	PASSED		REVISED -						CONTRACT NO. 74A04	
CHECKED - R.P.N. / A.M.D.		ENGINEER OF BRIDGES AND STRUCTURES	REVISED -		SHEET 25 OF 25 SHEETS			ILLINOIS	FED. AID PROJECT	



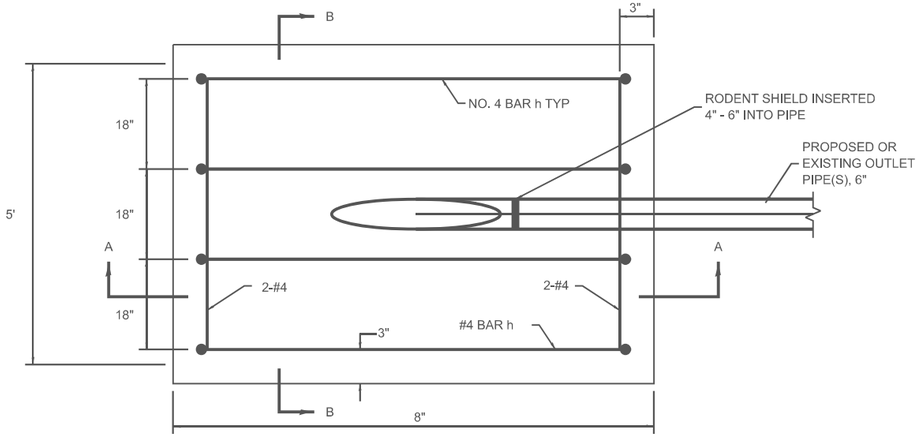
MODEL: N57 - Guardrail Details [Sheet]
FILE NAME: c:\pw_work\owldot\hirtzelkl\d1041901\D774A04\sheets\Details-Guardrail.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/6/2025	DATE -	REVISED -	

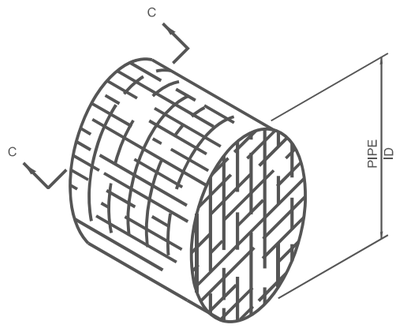
GUARDRAIL DETAILS

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 1525+00.00 | TO STA. 1531+00.00

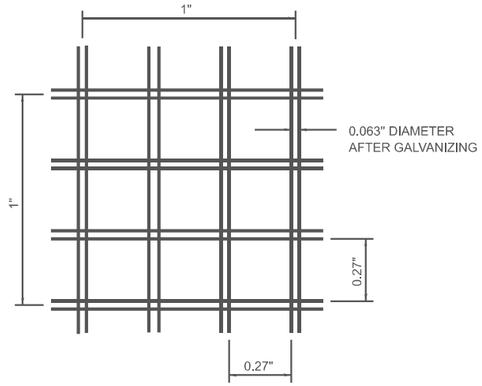
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	60
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



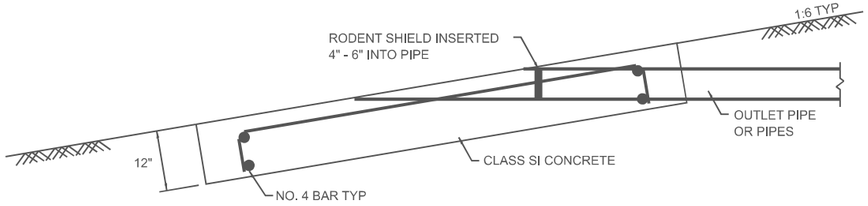
PLAN VIEW



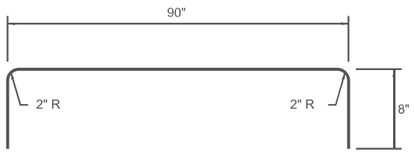
DETAIL OF RODENT SHIELD



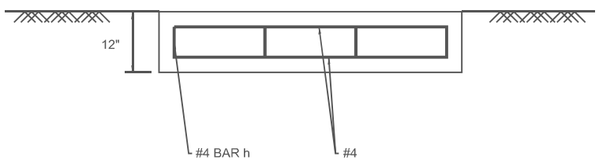
SECTION C-C



SECTION A-A



#4 h BAR



SECTION B-B

NOTES

THE OUTLET PIPE OR PIPES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE CENTER OF THE OUTLET PROTECTOR.

THE LAST 10' OF OUTLET PIPE SHALL BE SCHEDULE 40 PVC.

THE REBATS MAY BE CUT OR RELOCATED TO ACCOMODATE PIPE.

CUT OUTLET PIPE ON A BEVEL TO MATCH FINISHED SURFACE OF SURROUNDING PCC.

SEEDING CLASS 2 SHALL BE CONSIDERED INCLUDED IN THE COST OF PAY ITEMS.

OUTLET PROTECTOR BILL OF MATERIALS

PAY ITEM	UNIT	QUANTITY (EACH OUTLET PROTECTOR)
CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	1.5
REINFORCING BARS	LB	35.6
RODENT SHIELDS	EACH	1

MODEL: OutletProtector [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-Details-OutletProtector-Embankment.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 5/23/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTECTOR

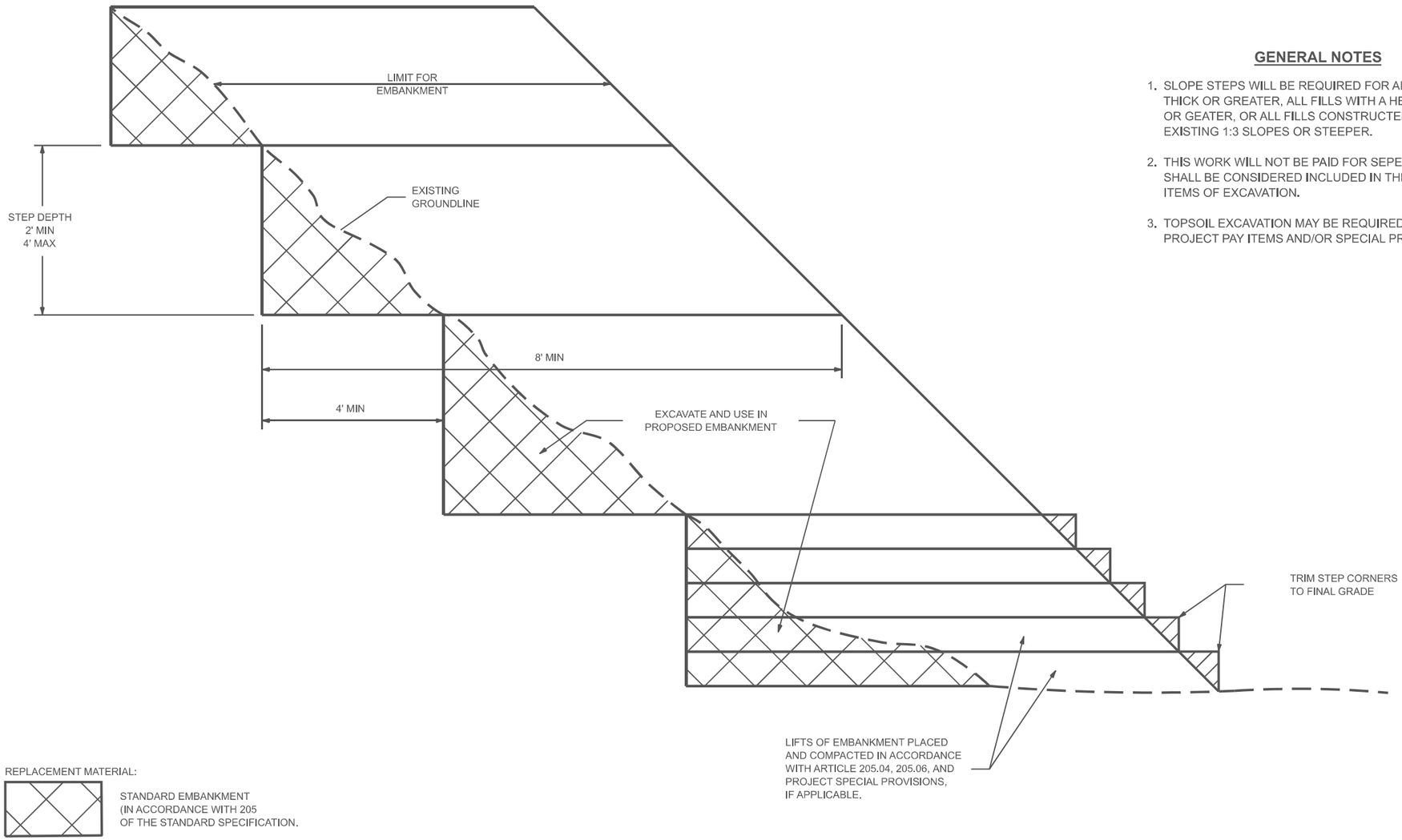
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

DISTRICT 7 DETAIL NO. 601101A

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	61
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

SLOPE STEPS DETAIL

TYPICAL SECTION



REPLACEMENT MATERIAL:

STANDARD EMBANKMENT
(IN ACCORDANCE WITH 205
OF THE STANDARD SPECIFICATION.

GENERAL NOTES

1. SLOPE STEPS WILL BE REQUIRED FOR ALL FILLS 12" THICK OR GREATER, ALL FILLS WITH A HEIGHT OF 10' OR GEATER, OR ALL FILLS CONSTRUCTED ON EXISTING 1:3 SLOPES OR STEEPER.
2. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION.
3. TOPSOIL EXCAVATION MAY BE REQUIRED, SEE PROJECT PAY ITEMS AND/OR SPECIAL PROVISIONS.

MODEL: StopeSteps [Sheet]
FILE NAME: c:\pw_work\pwfolothirtzel\d1041901\D774A04-sheets-Details-OutletProtector-Embankment.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

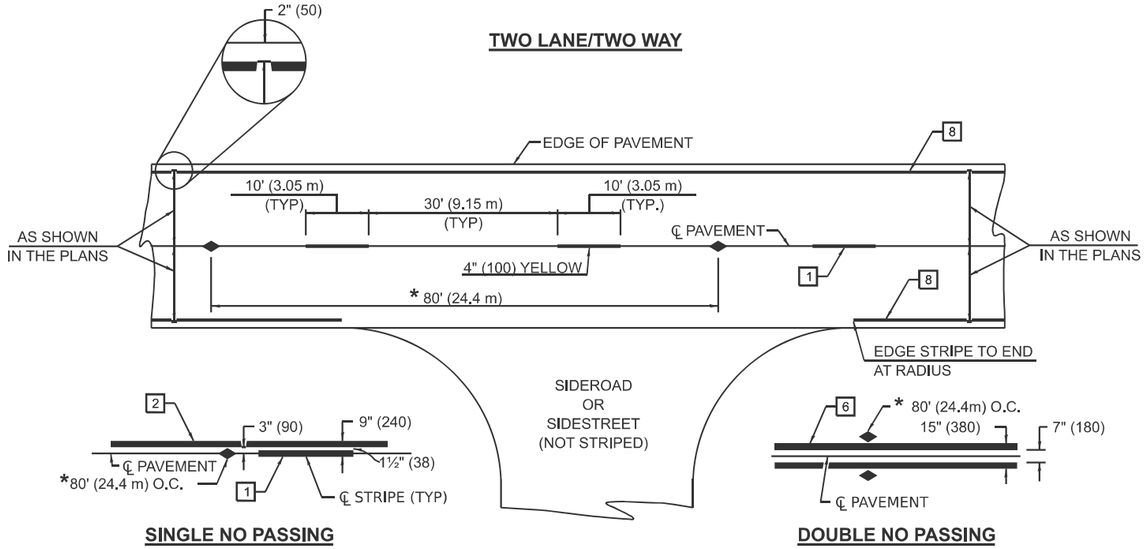
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE STEPS DETAIL

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	62
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

TWO LANE/TWO WAY



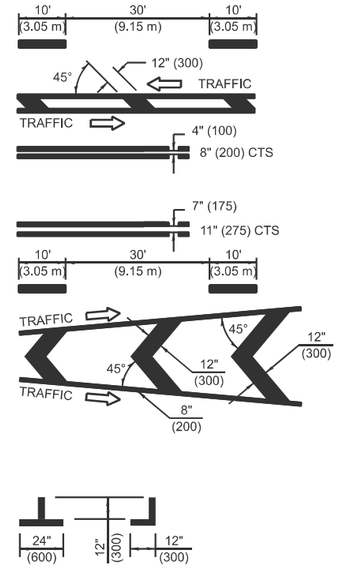
SINGLE NO PASSING

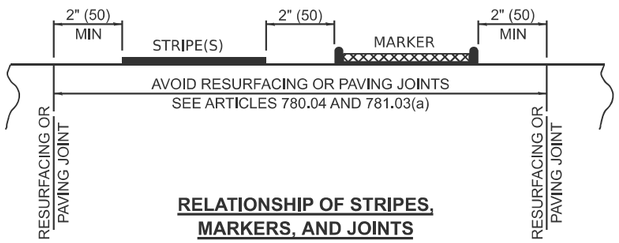
DOUBLE NO PASSING

* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 MPH (70 km/h) OR LESS.

PAVEMENT MARKERS LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID (WHITE)
6. 4" (100) DOUBLE YELLOW (WIDE)
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING (WHITE)



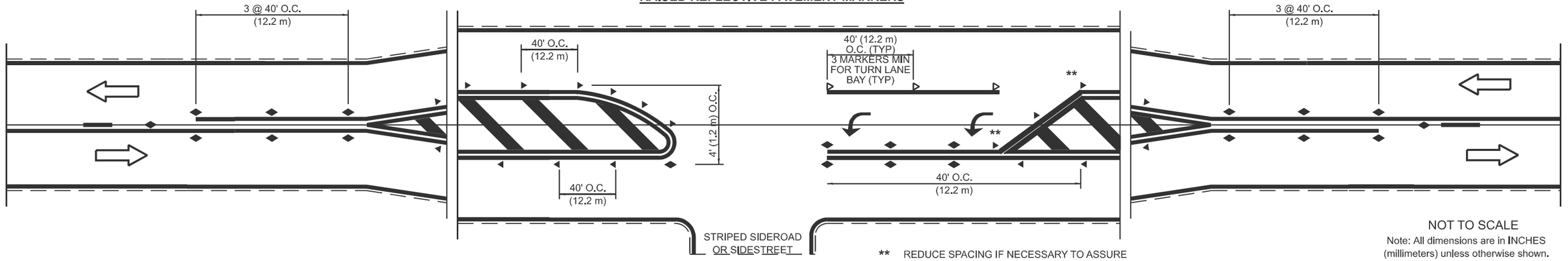


RELATIONSHIP OF STRIPES, MARKERS, AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	63
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 5/23/2025	DATE -	REVISED -	

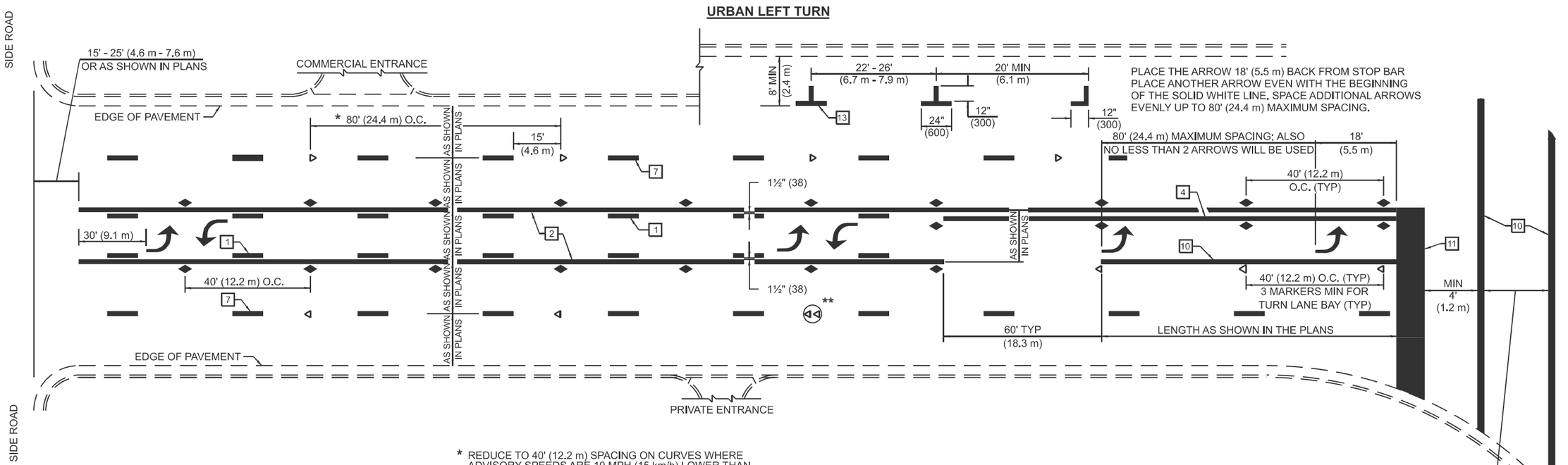
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

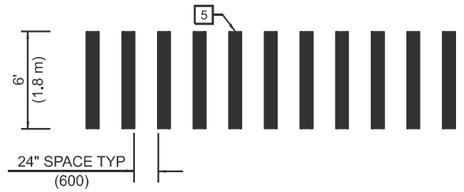
MODEL: Pavt Markings [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-Details-PavtMarking.dgn

URBAN LEFT TURN



* REDUCE TO 40' (12.2 m) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

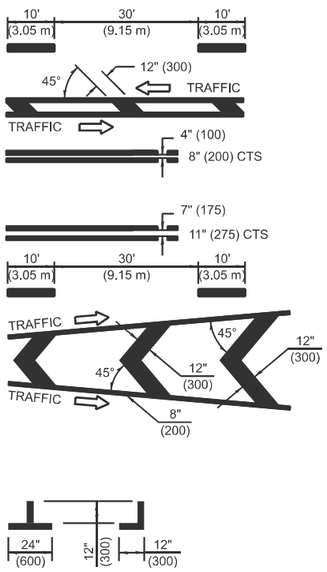
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.



CROSSWALK DETAIL
(DECATUR CITY LIMITS ONLY)

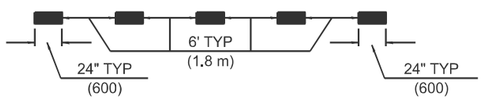
PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID (WHITE)
6. 4" (100) DOUBLE YELLOW (WIDE)
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING (WHITE)

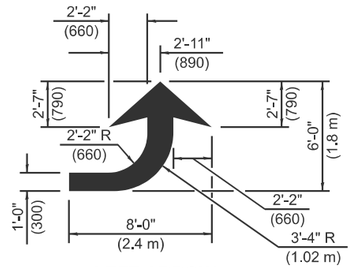


GENERAL NOTES

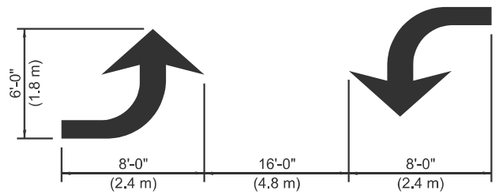
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKING 2 SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKING 1 OR 7 SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



LANE LINE EXTENSIONS



LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15,6 SQ.FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

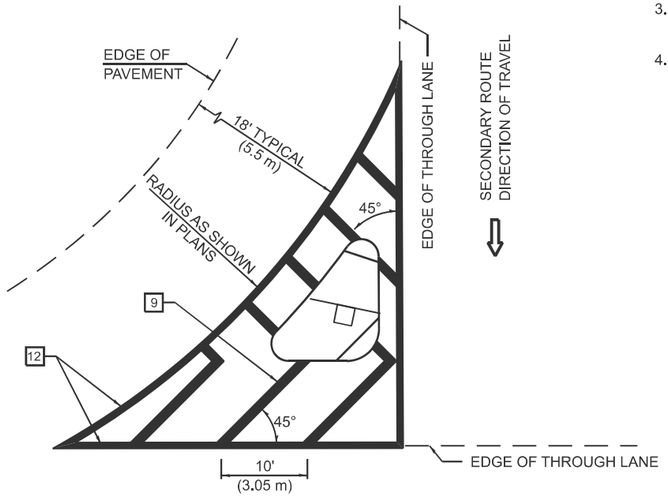
SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	64
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

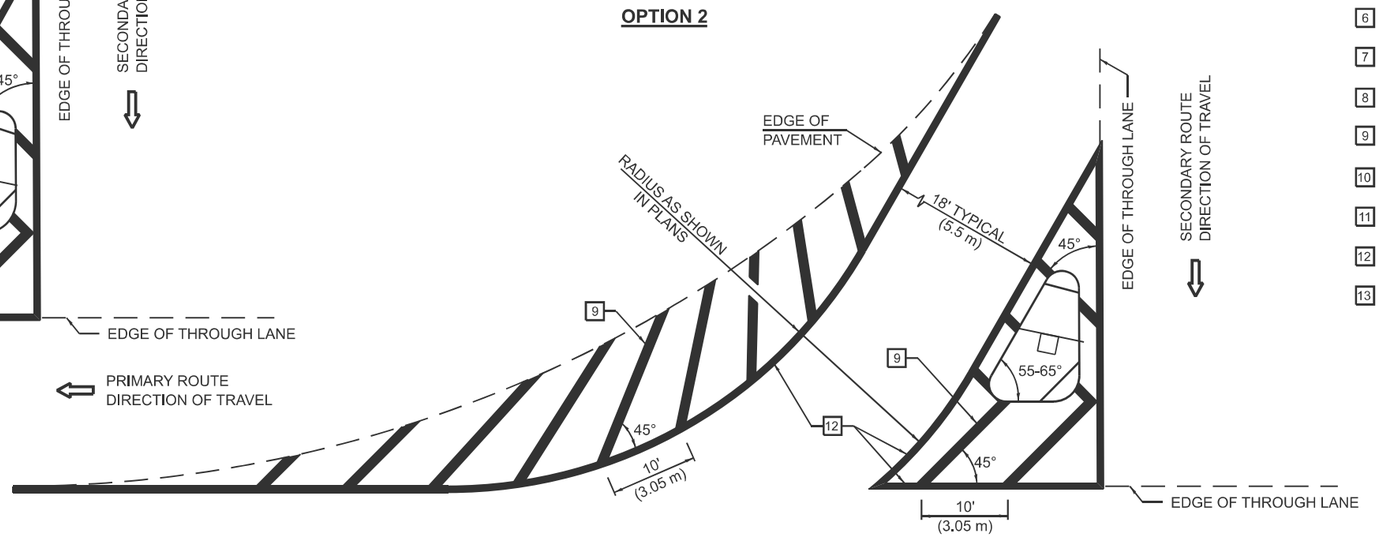
MODEL: Pavt Markings-1 [Sheet]
FILE NAME: c:\ow_work\dot\hirtzelkd\d1041901\D7T4A04-sheets-Details-PavtMarking.dgn

ISLANDS

OPTION 1



OPTION 2



GENERAL NOTES

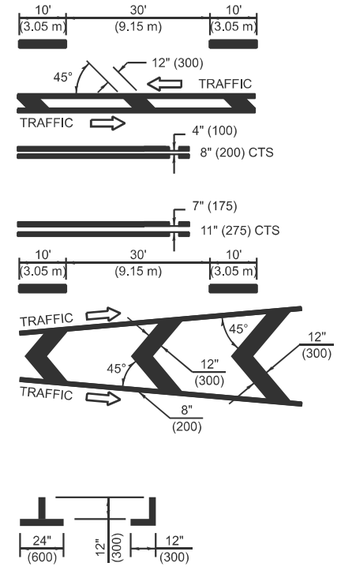
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH 2.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)

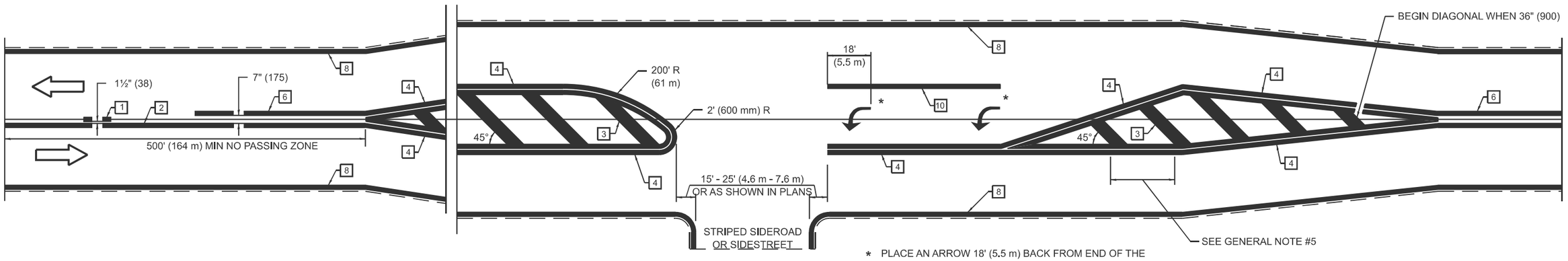
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

PAVEMENT MARKING LEGEND

1	4" (100) SKIP-DASH (YELLOW)
2	4" (100) SOLID (YELLOW)
3	12" (300) DIAGONAL (YELLOW)
4	4" (100) DOUBLE YELLOW (NARROW)
5	12" (300) SOLID (WHITE)
6	4" (100) DOUBLE YELLOW (WIDE)
7	6" (150) SKIP-DASH (WHITE)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) SOLID (WHITE)
11	24" (600) STOP BAR (WHITE)
12	8" (200) SOLID (WHITE)
13	4" (100) PARKING (WHITE)



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)

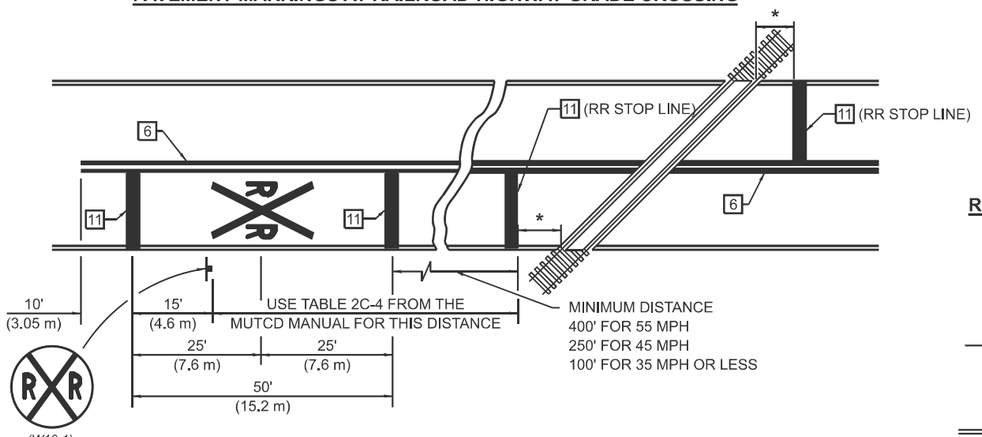
SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

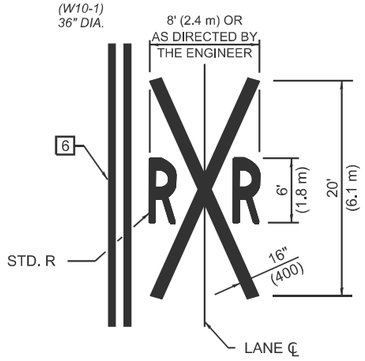
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	65
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		

MODEL: Pavt Markings-2 [Sheet]
FILE NAME: c:\pw_work\pwkothirtzelkd\d1041901\D7TA04-sheets-Details-PavtMarking.dgn

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING





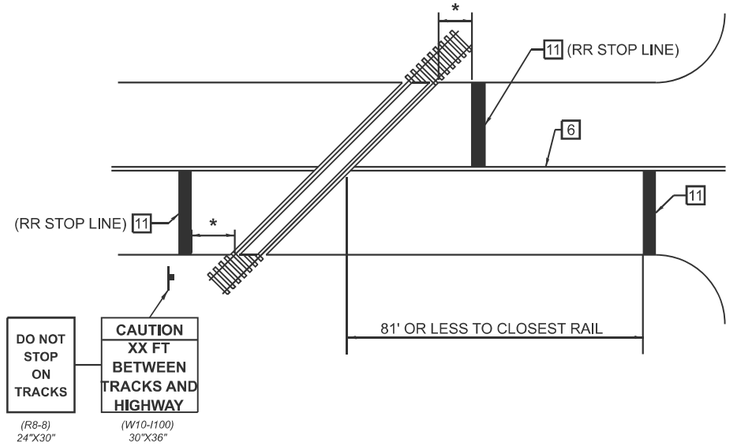
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

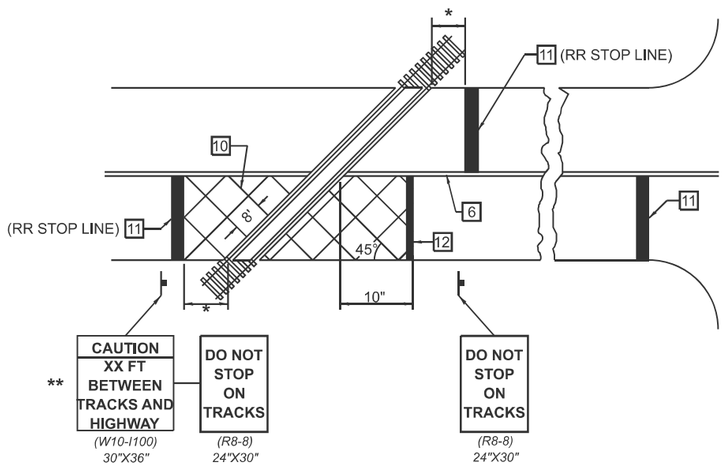
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOLS IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

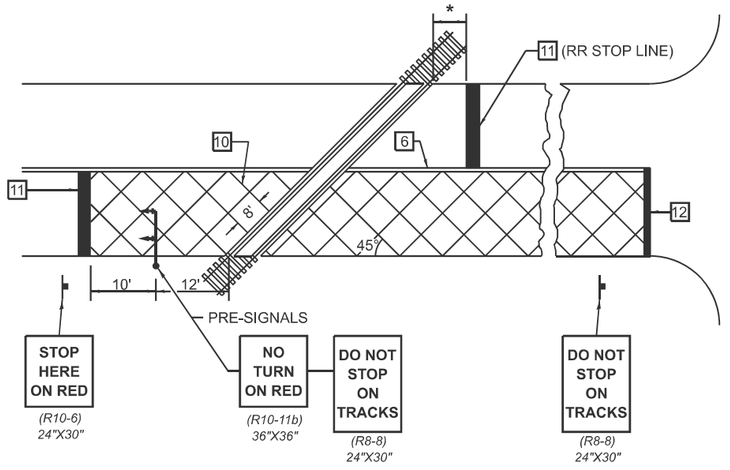
RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



RAILROAD CROSSING WITH INTERCONNECT ONLY

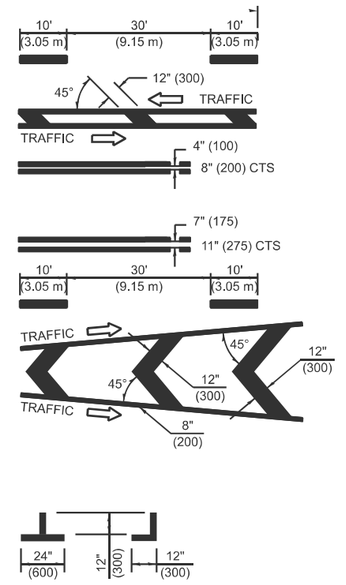


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. 12" (300) SOLID (WHITE)
6. 4" (100) DOUBLE YELLOW (WIDE)
7. 6" (150) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) PARKING (WHITE)



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.

2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.

3. WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-I101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.

   CAUTION
   WALK TIME SHORTENED WHEN TRAIN APPROACHES
   (W10-I101) 18"X24"

4. PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION.

* 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT

** WARNING SIGN W10-I100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
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PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	66
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

MODEL: Pavt Markings-3 [Sheet]
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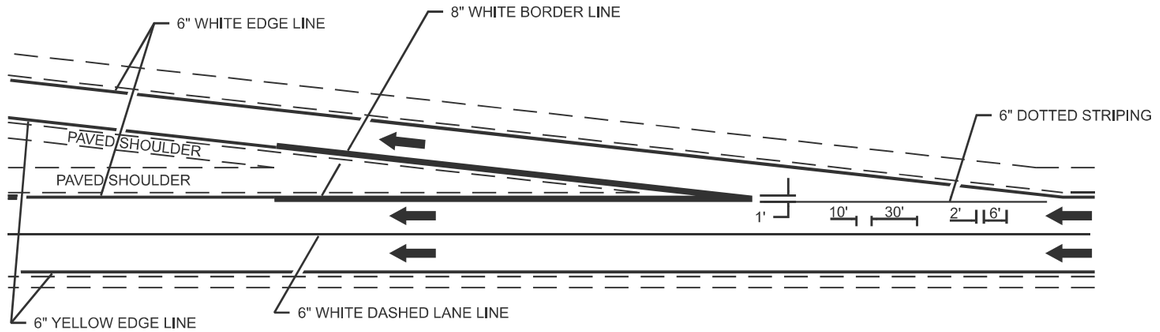
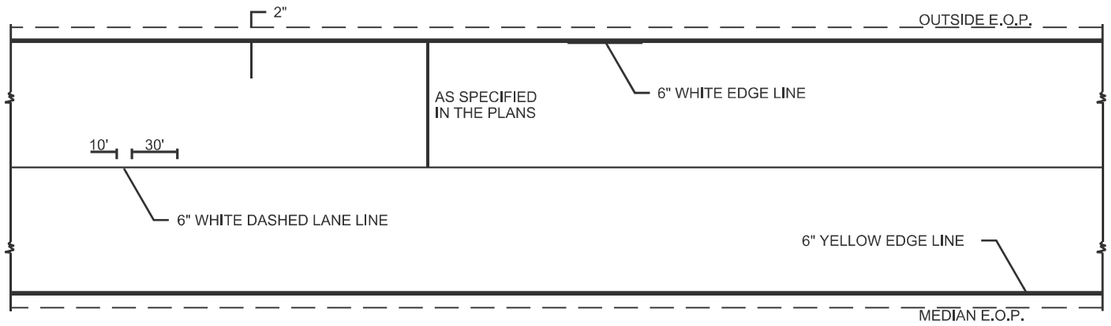
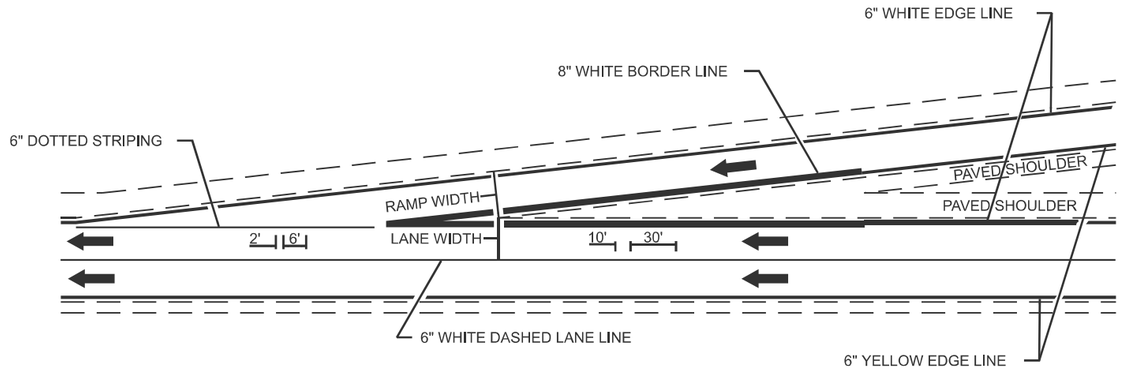


TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	67
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

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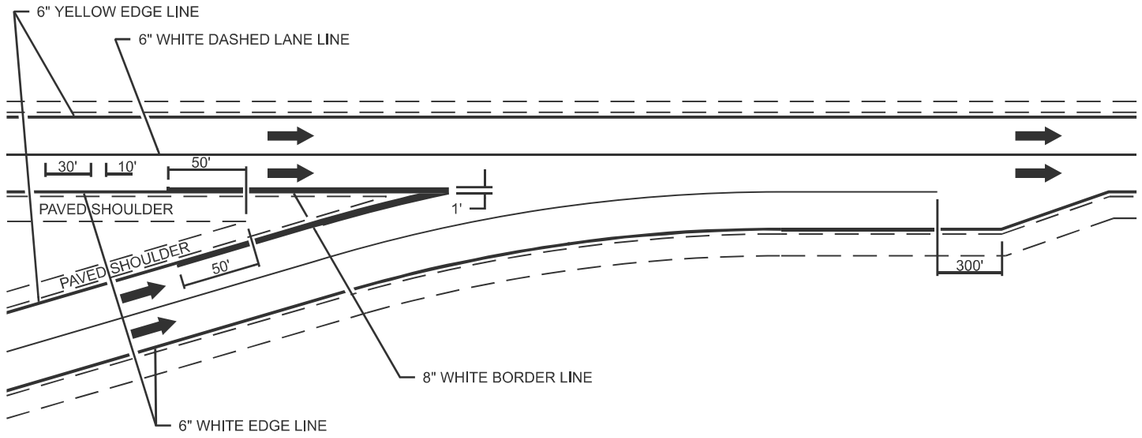
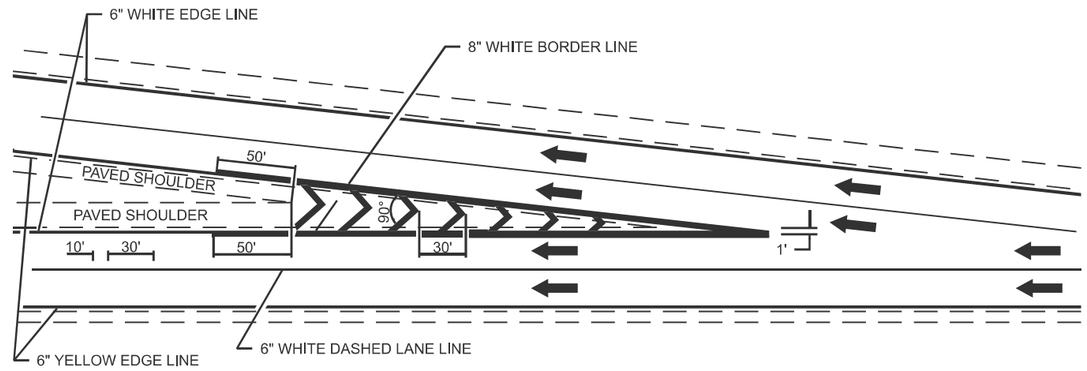
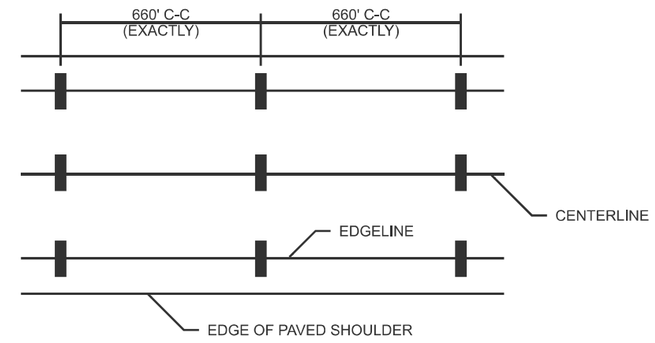


TYPICAL CONVERGENCE MARKING

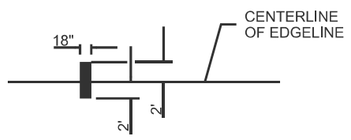


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY PAVEMENT MARKING

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	68
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

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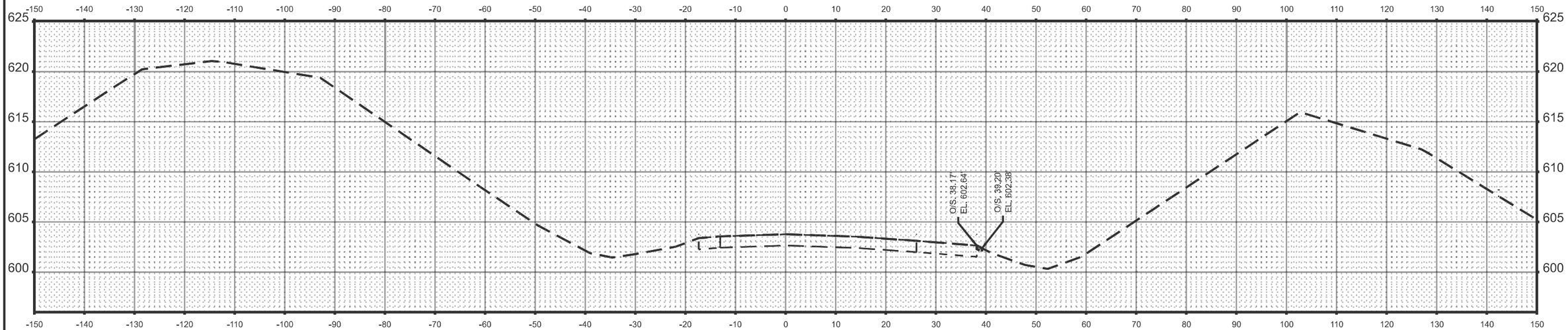
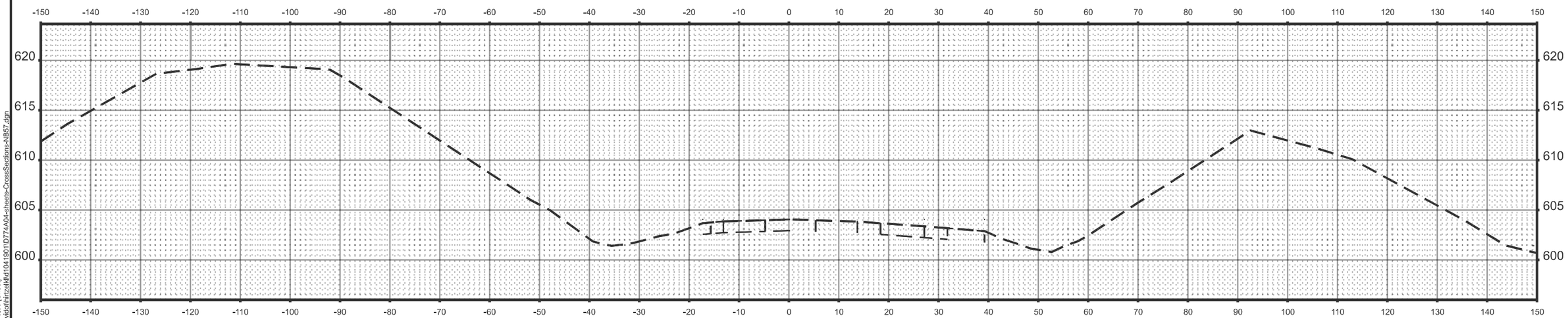


STA 1525+50.00



STA 1525+00.00

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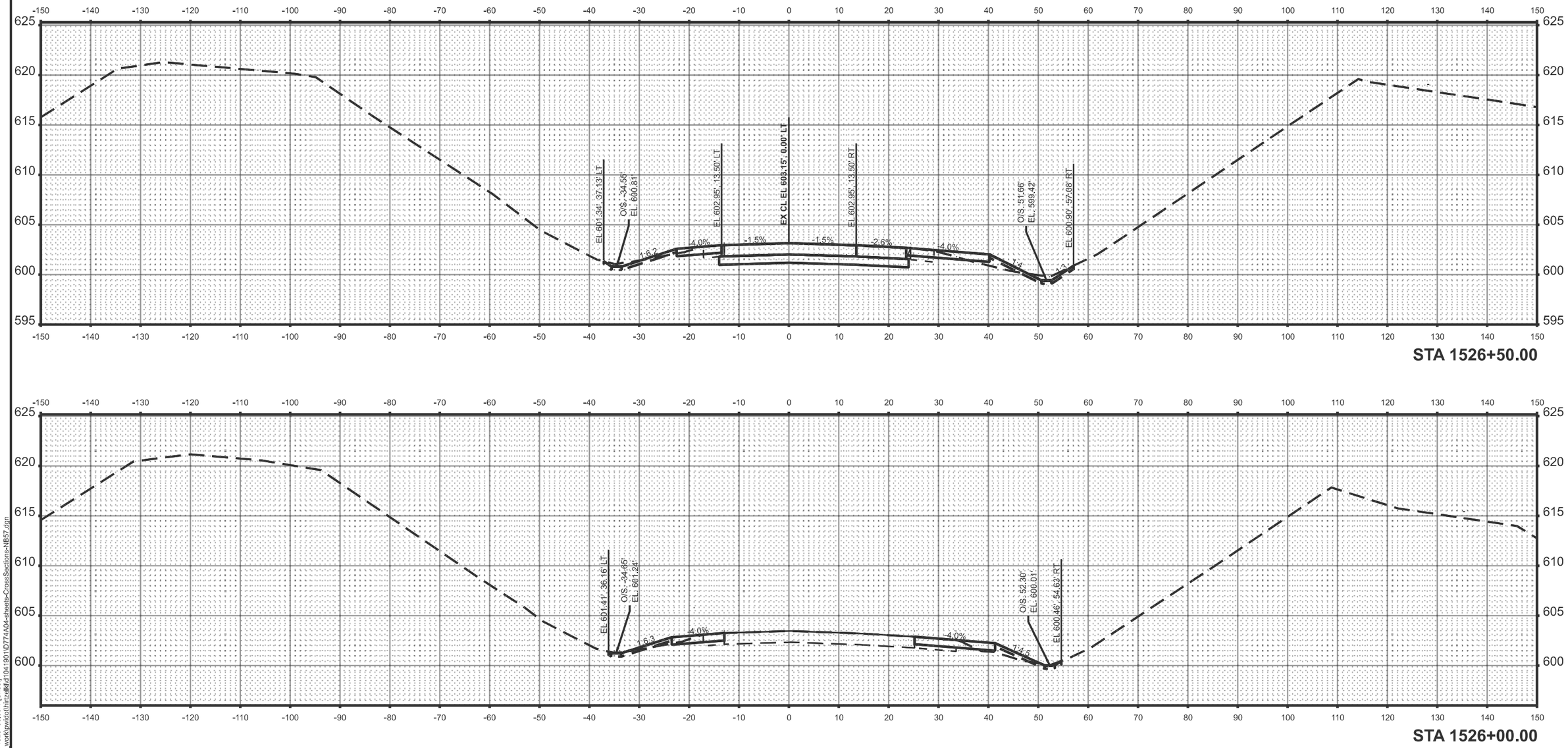
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 1 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	69
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	



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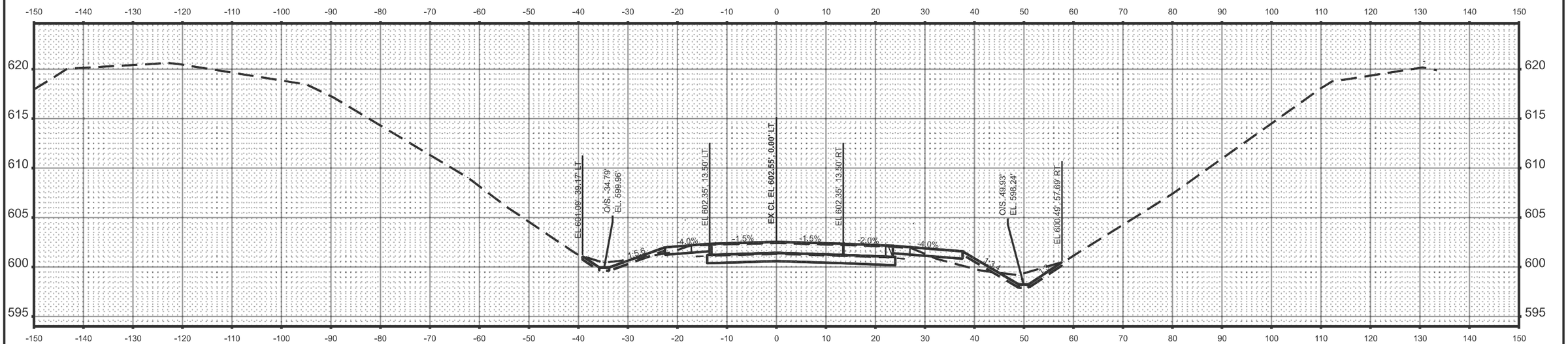
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

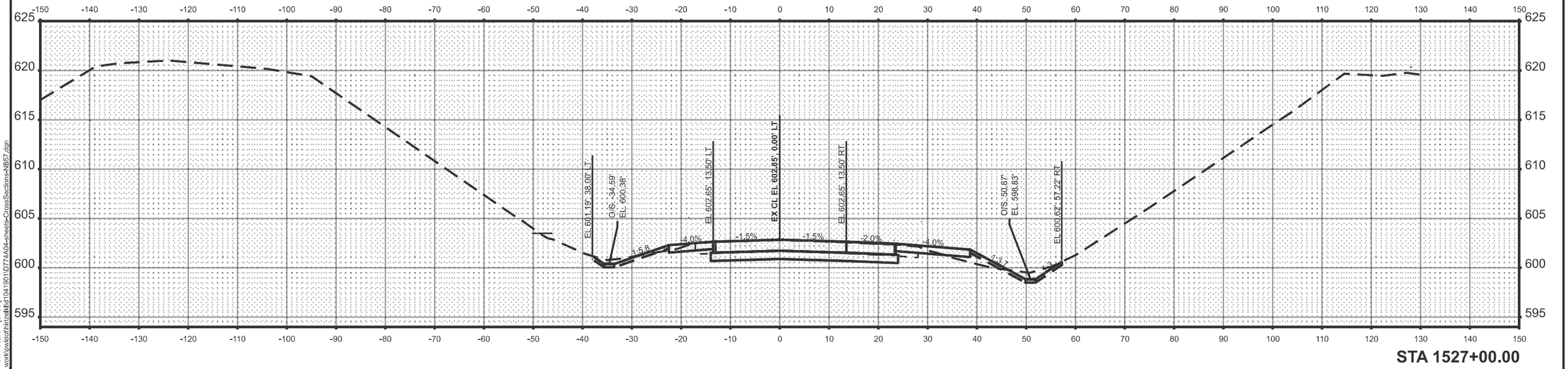
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 2 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	70
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			





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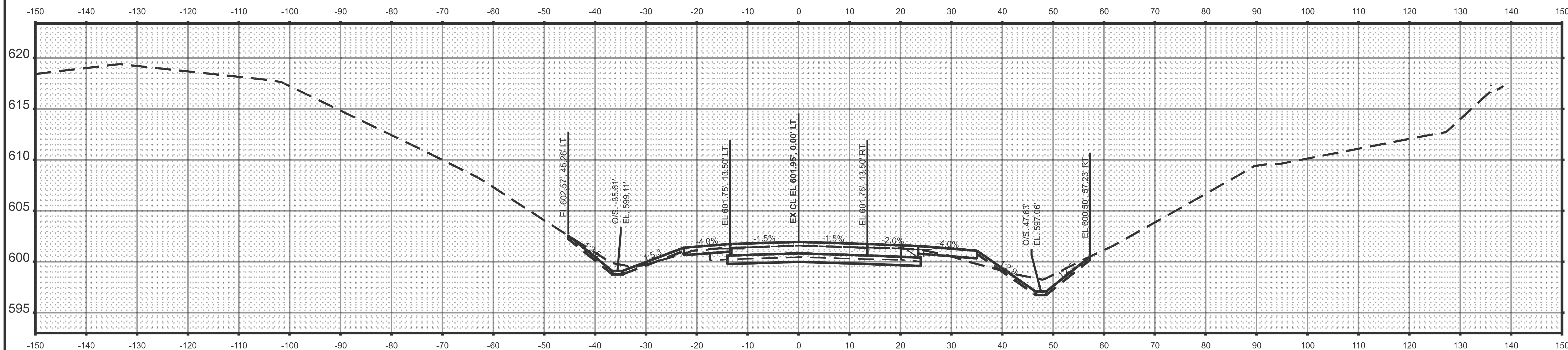
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

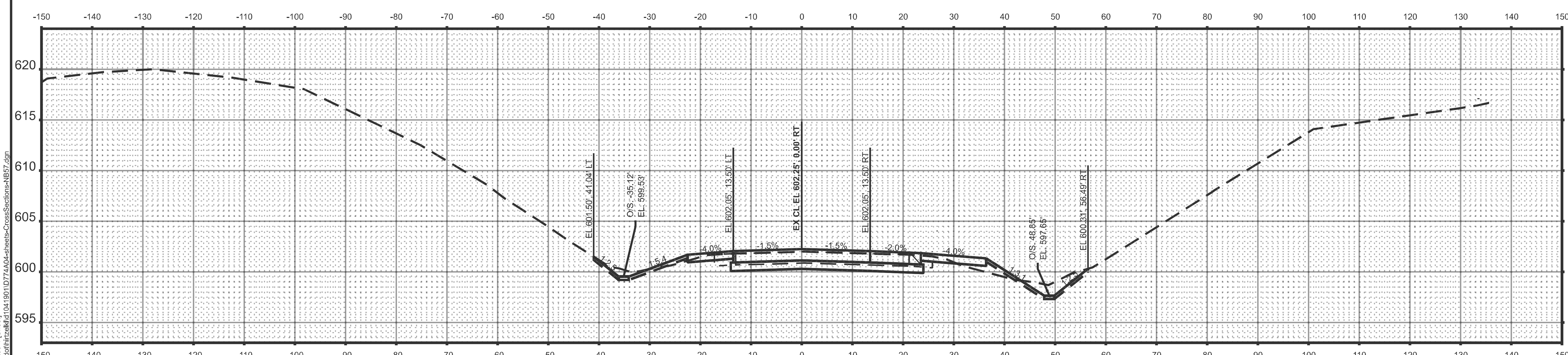
CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 3 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	71
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



STA 1528+50.00



STA 1528+00.00

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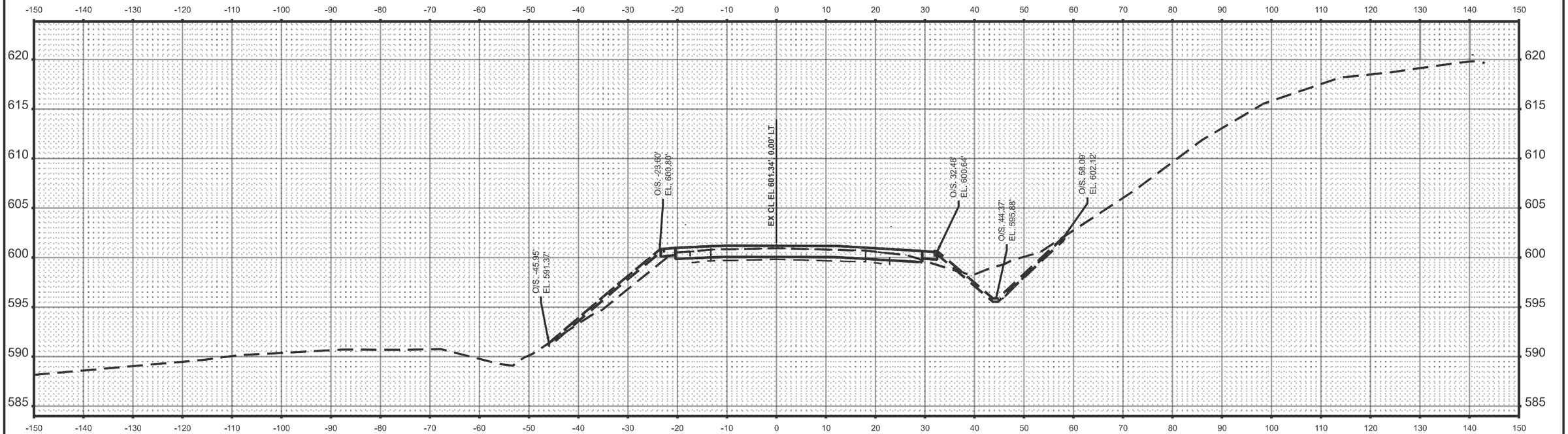
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 4 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	72
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		



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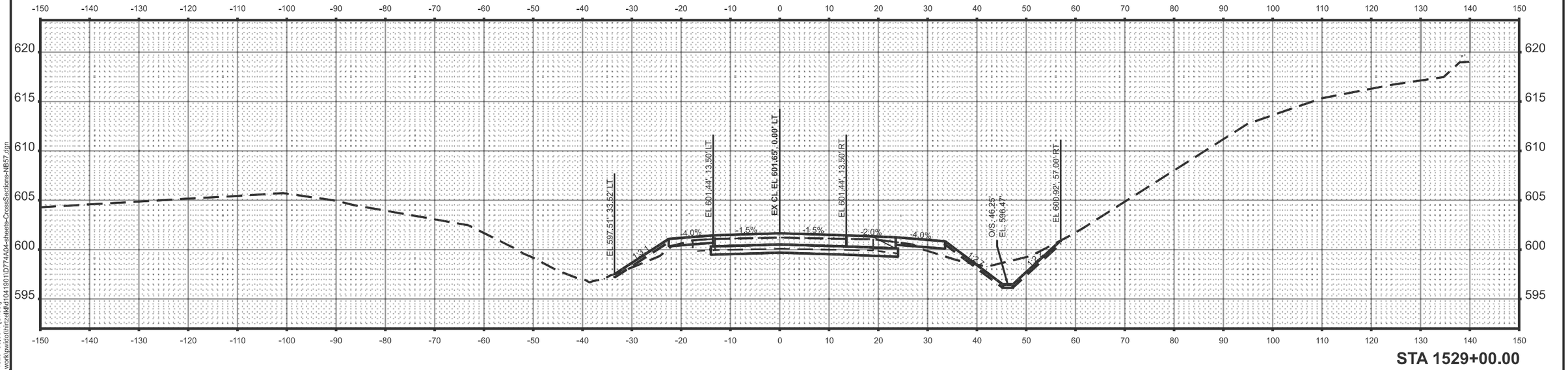

STA 1529+00.00

MODEL: 57CLNB - 1529+00.00-1 [Sheet]
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 5 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	73
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			

STA 1532+00.00

STA 1531+50.00

MODEL: 57CLNB - 1531+50.00-1 [Sheet]
FILE NAME: c:\pw_work\pwdot\hirtzelkd\d1041901\D774A04-sheets-CrossSections-NB57.dgn

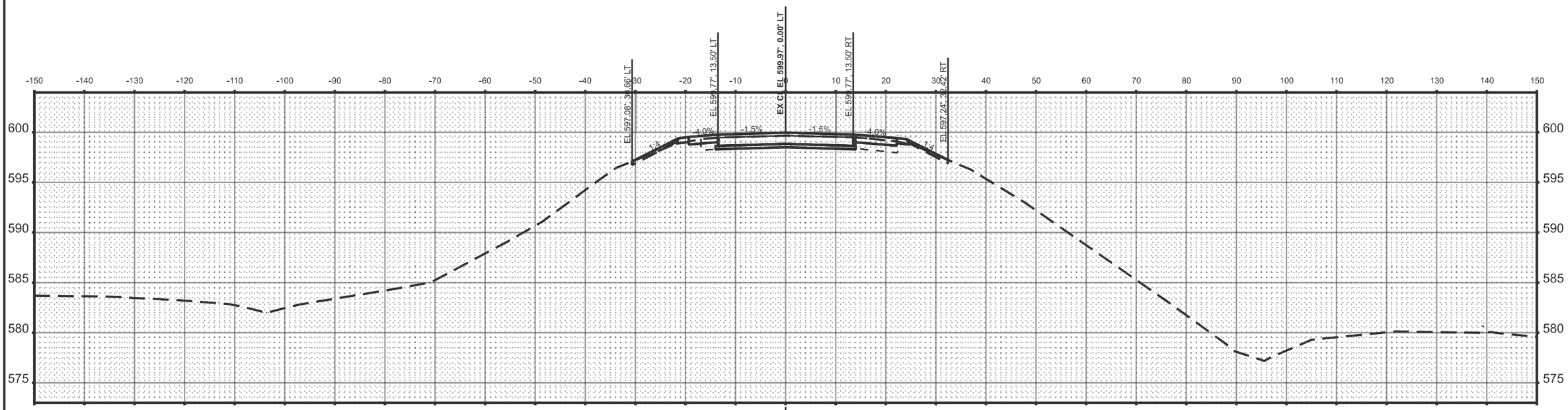
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

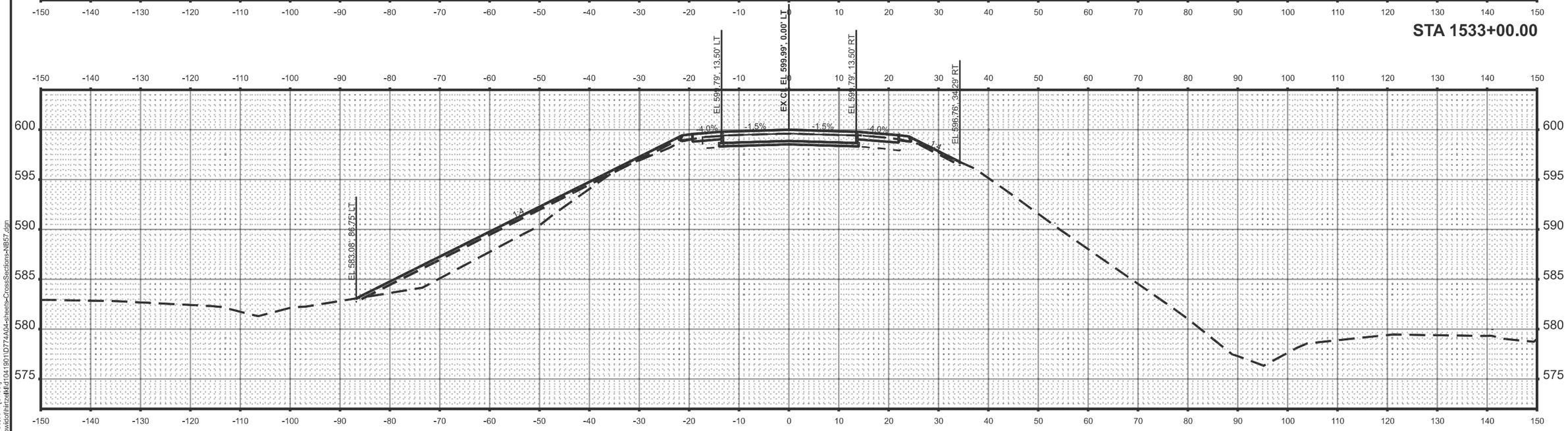
CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 6 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	74
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



STA 1533+00.00



STA 1532+50.00

MODEL: 57CLNB - 1532+50.00-1 [Sheet]
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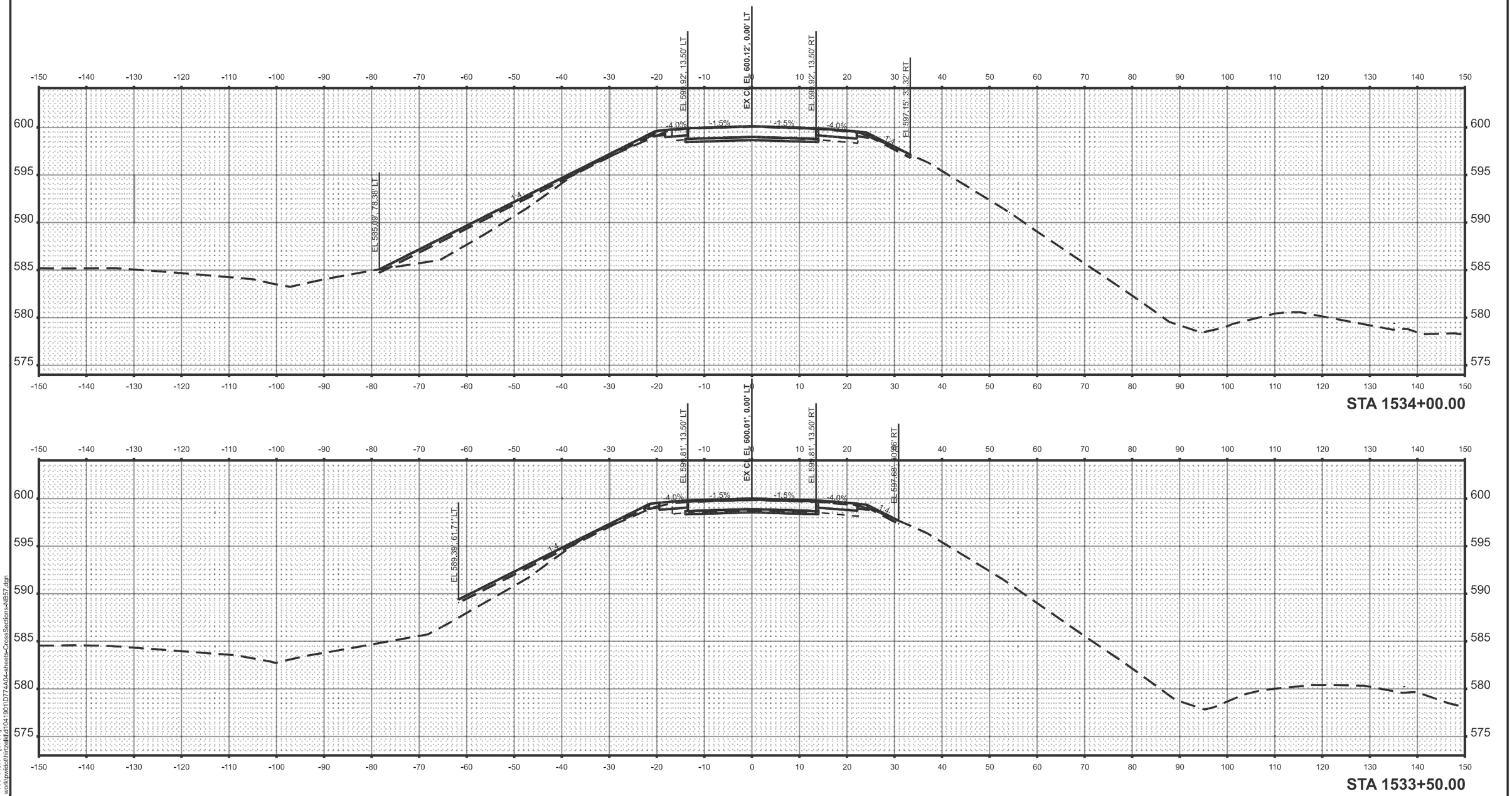
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 7 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	75
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



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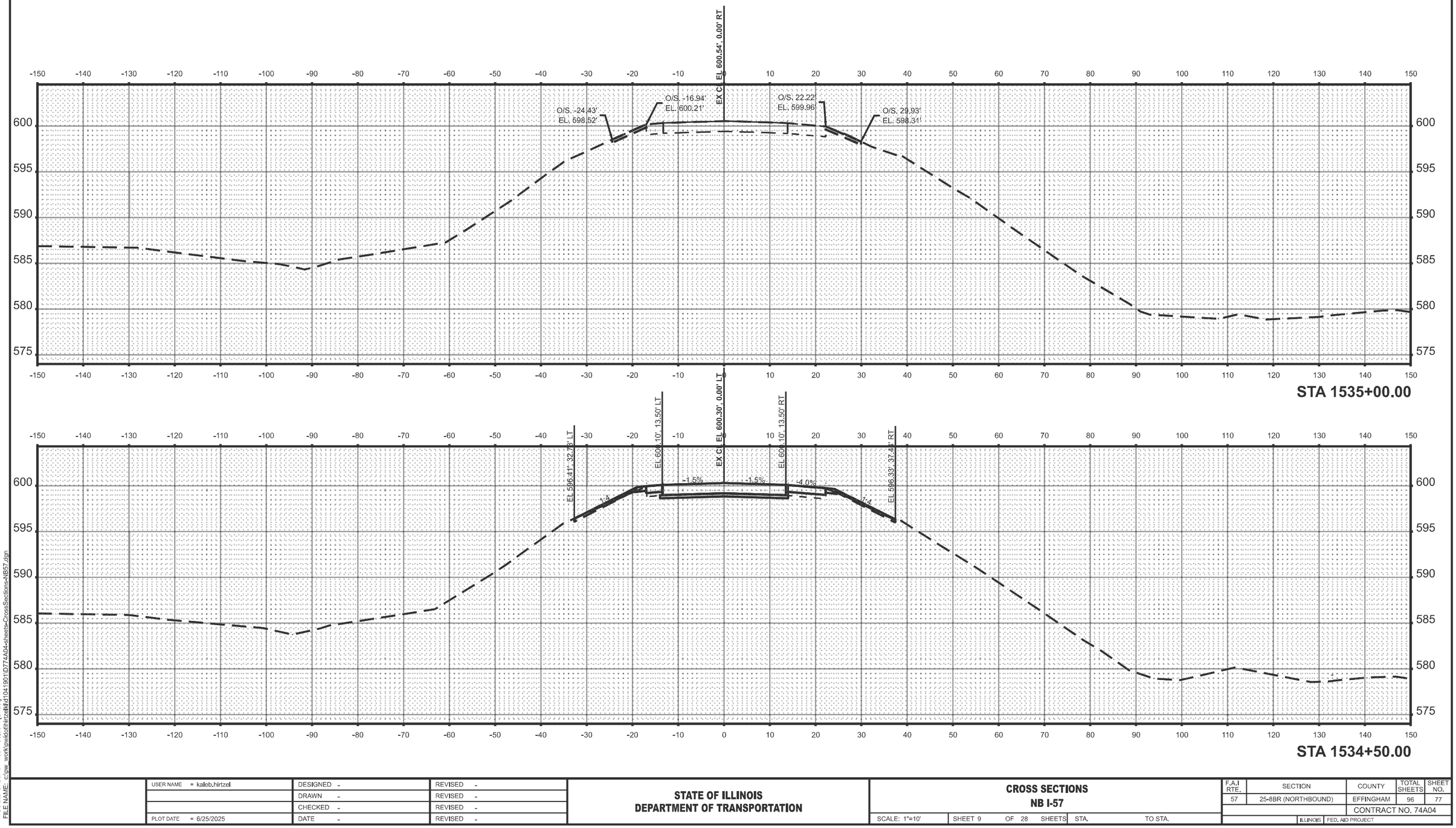
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 8 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	76
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



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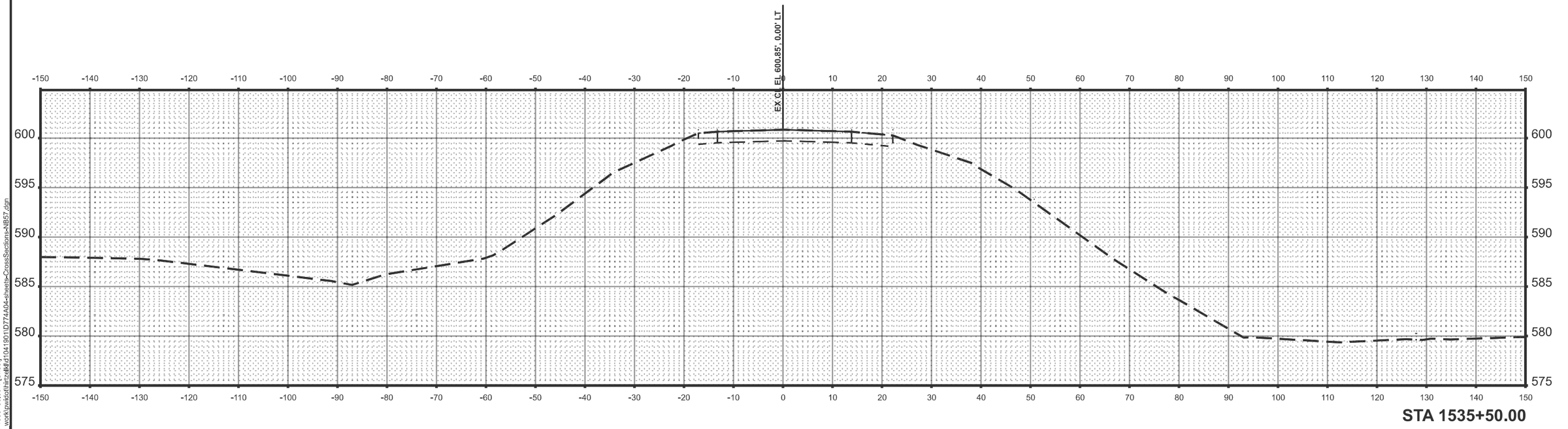
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 9 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	77
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



STA 1535+50.00

MODEL: 57CLNB - 1535+50.00-1 [Sheet]
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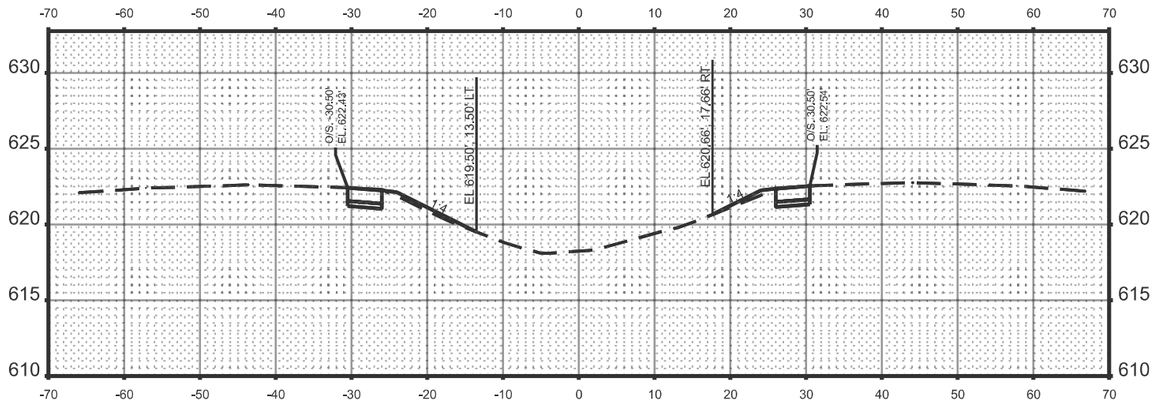
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

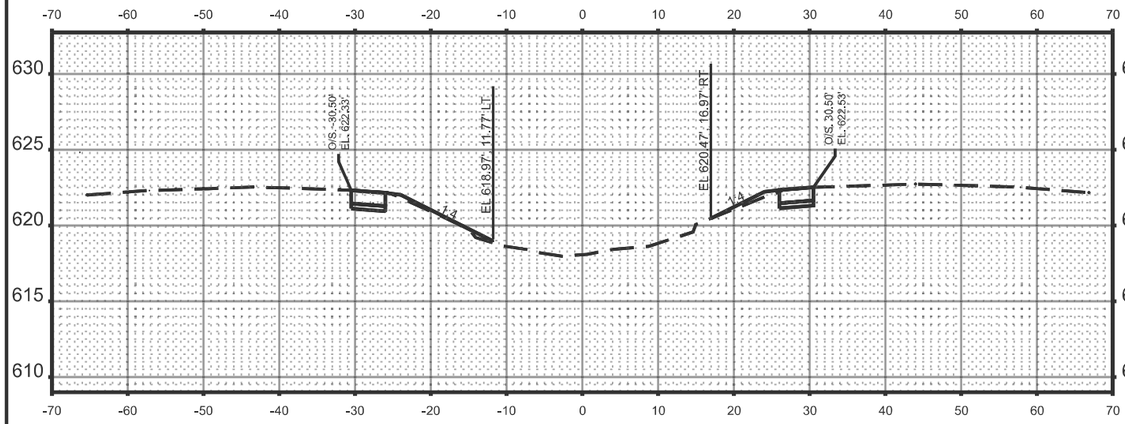
CROSS SECTIONS
NB I-57

SCALE: 1"=10' | SHEET 10 OF 28 SHEETS | STA. | TO STA.

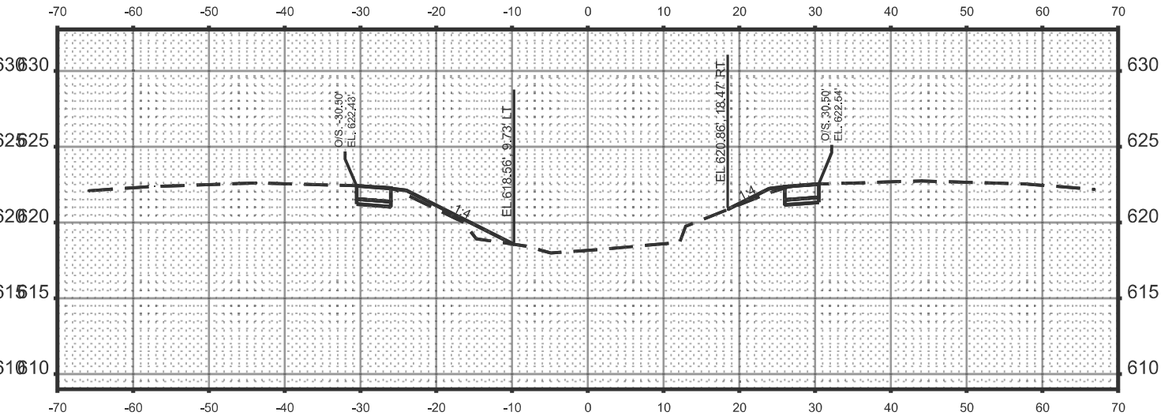
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	78
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



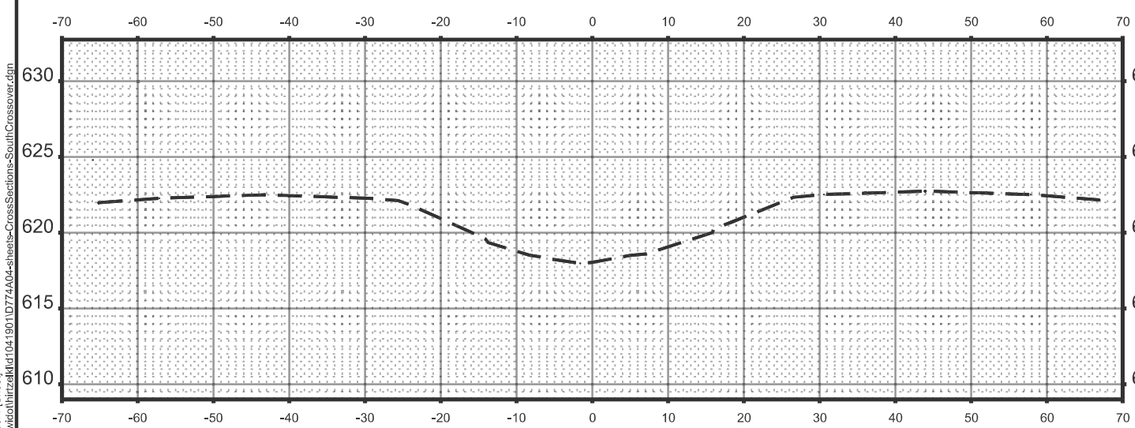
STA 5450+25.00



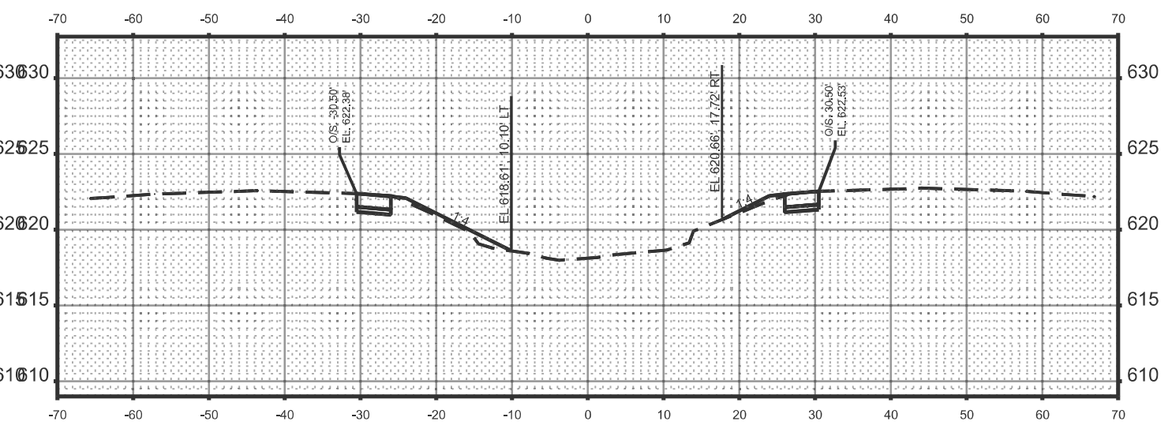
STA 5449+50.00



STA 5450+00.00



STA 5449+25.00



STA 5449+75.00

MODEL: ExCL - 5449+25.00-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\hirtzelkl\d1041901\D774A04-sheets-CrossSections-SouthCrossover.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
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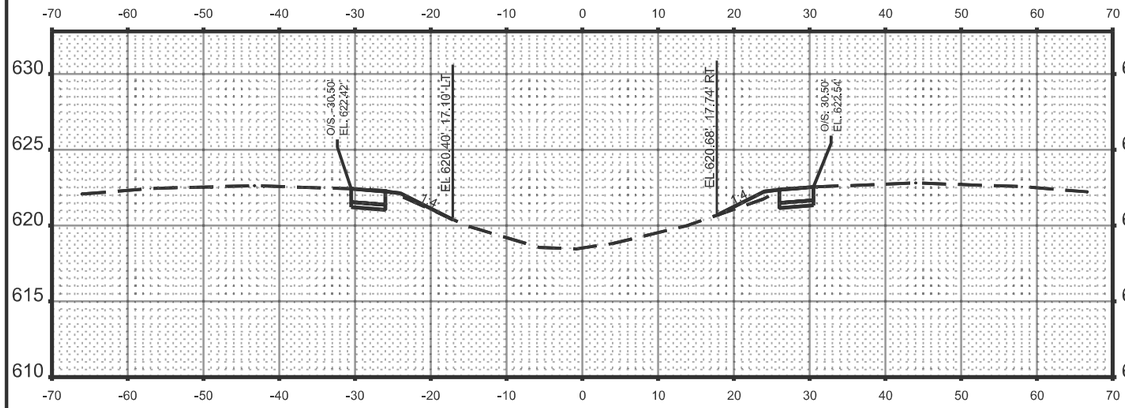
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

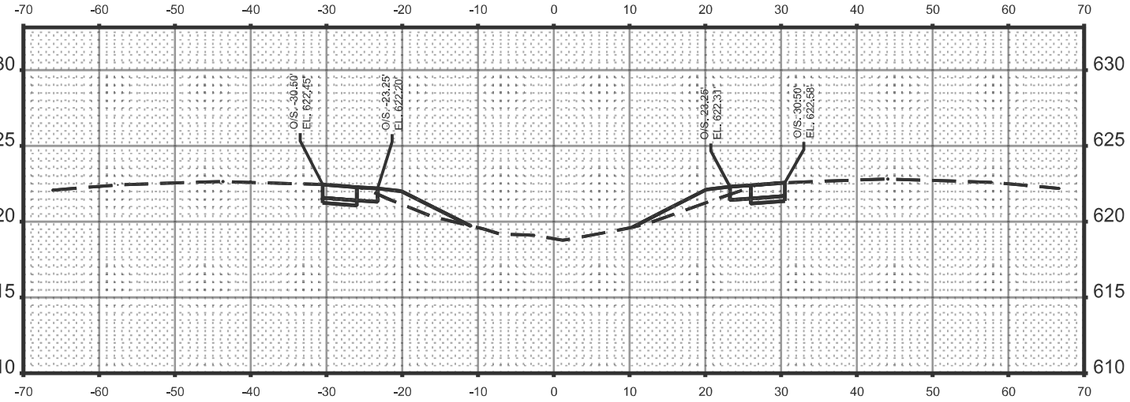
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 11 OF 28 SHEETS | STA. | TO STA.

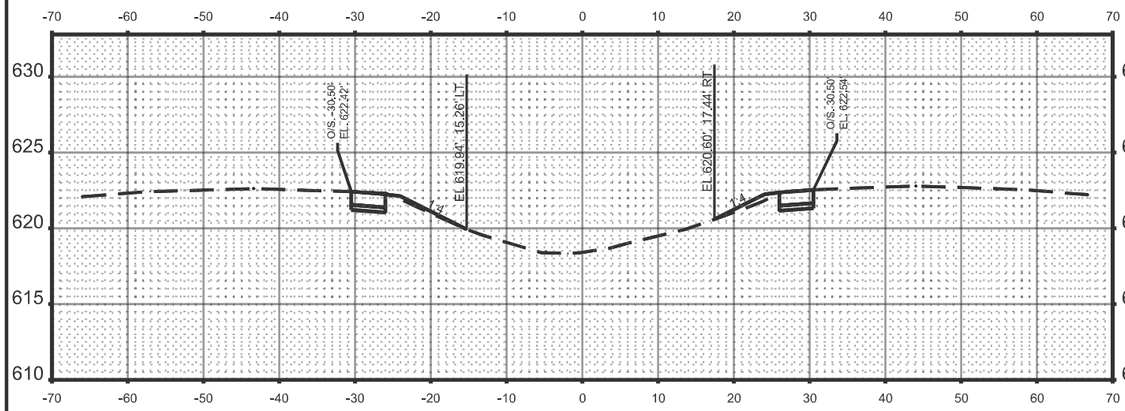
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	79
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



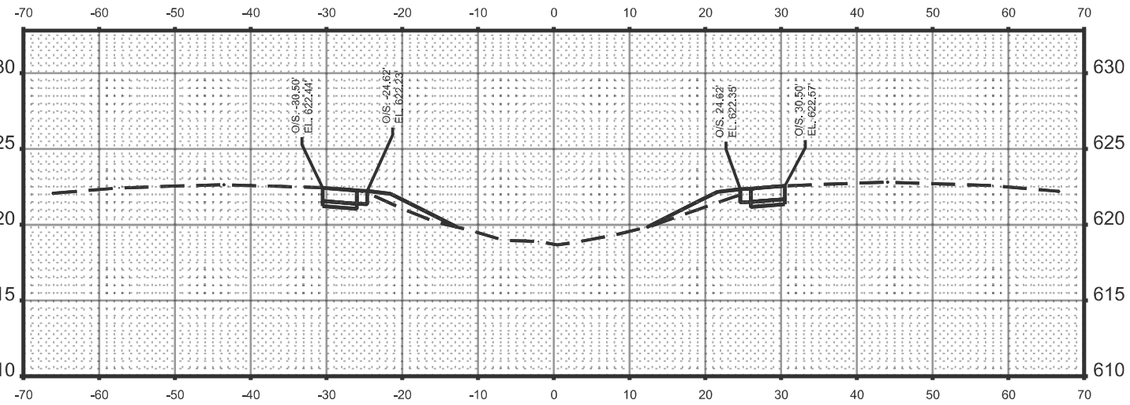
STA 5451+00.00



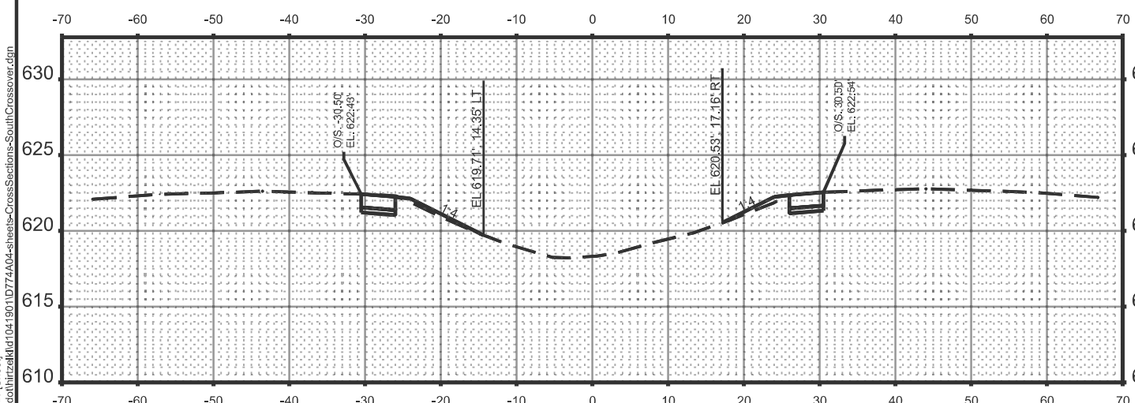
STA 5451+75.00



STA 5450+75.00



STA 5451+50.00



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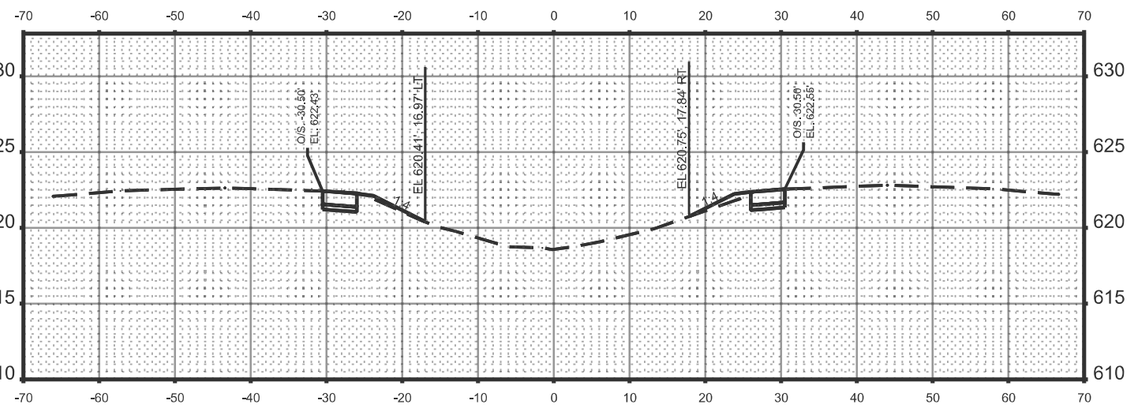

STA 5451+25.00

MODEL: ExCL - 5450+50.00-1 [Sheet]
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
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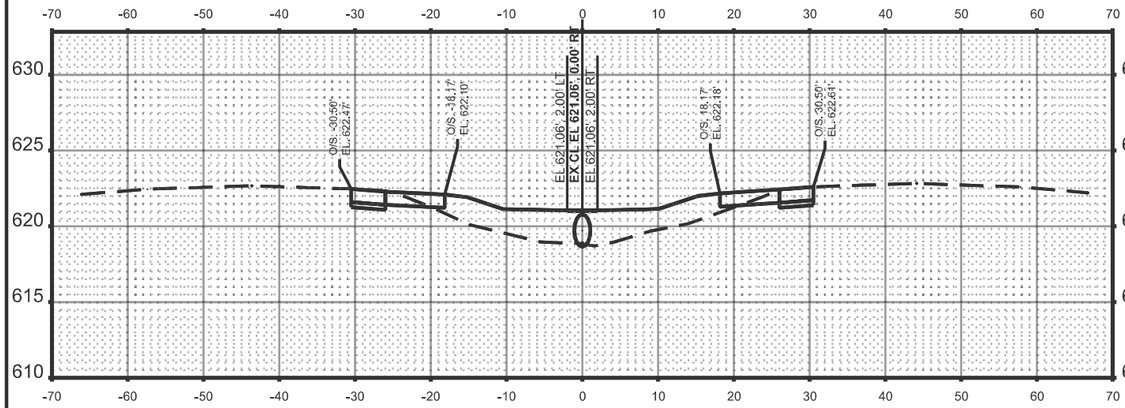
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

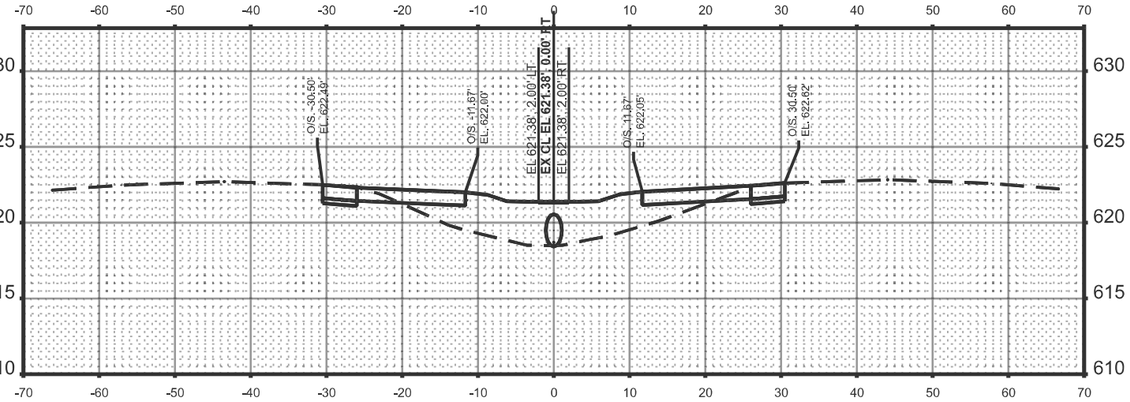
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 12 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	80
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



STA 5452+50.00



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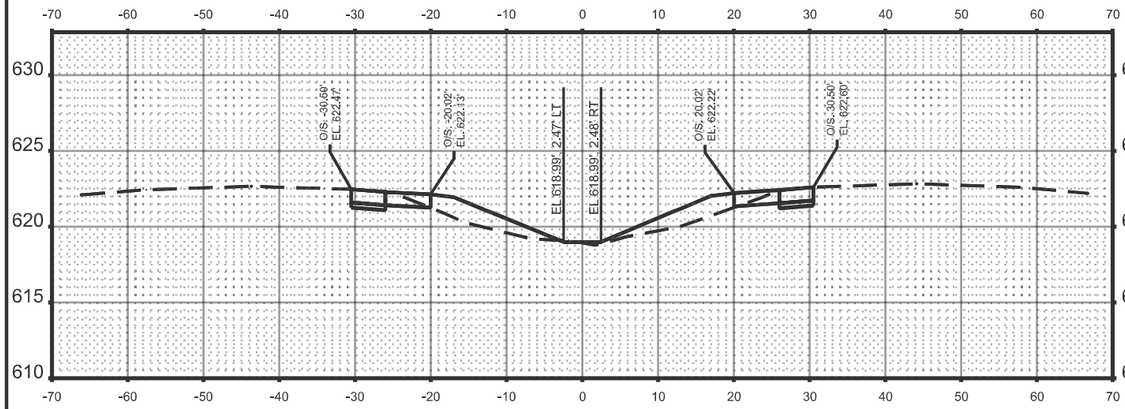

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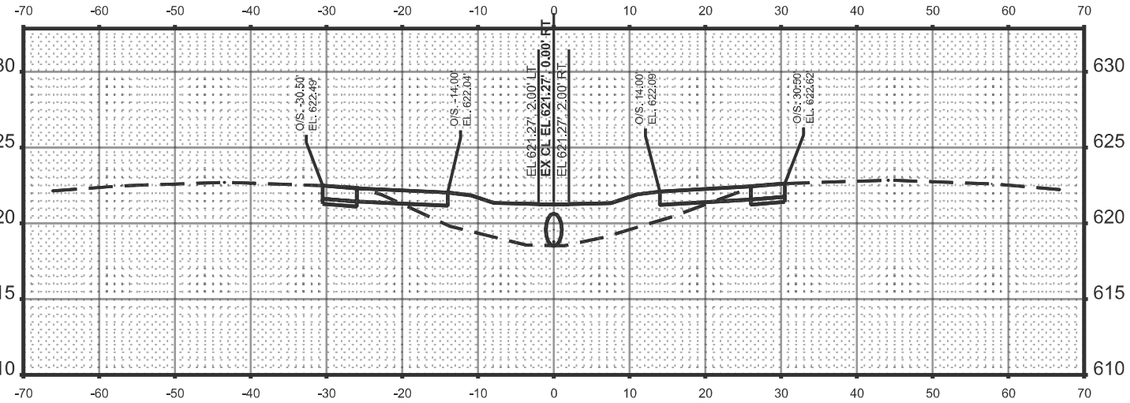

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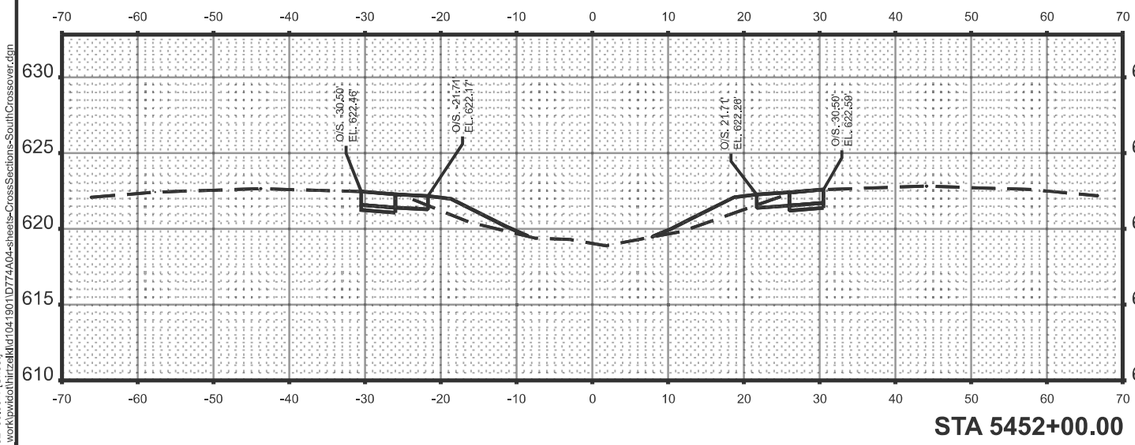

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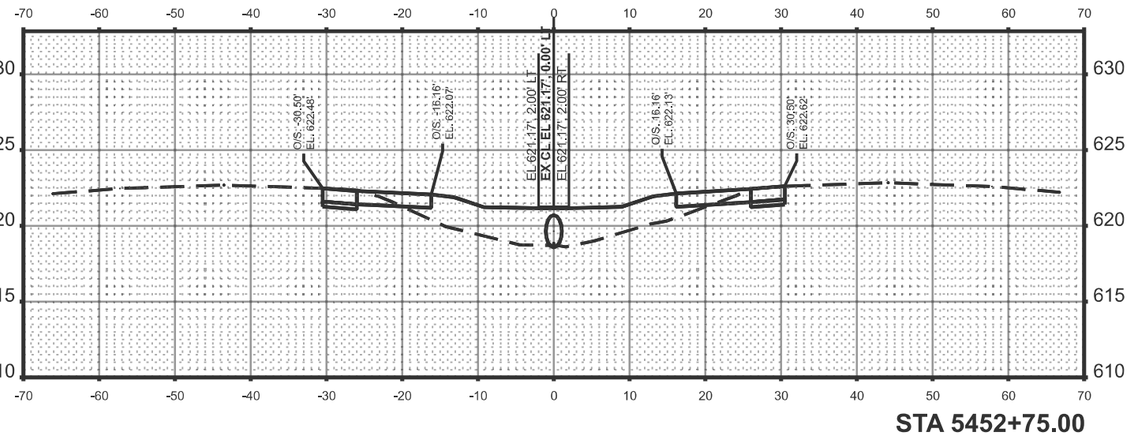

STA 5452+75.00

MODEL: EXCL - 5452+00.00-1 [Sheet]
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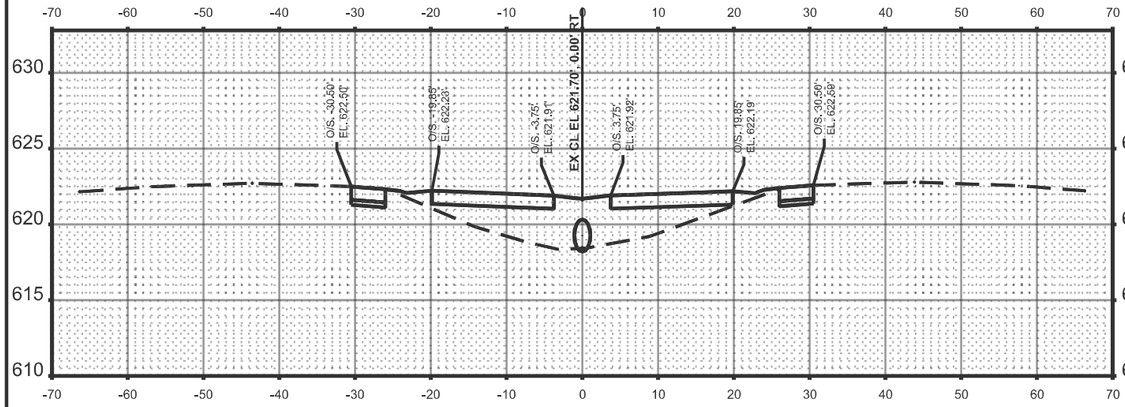
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

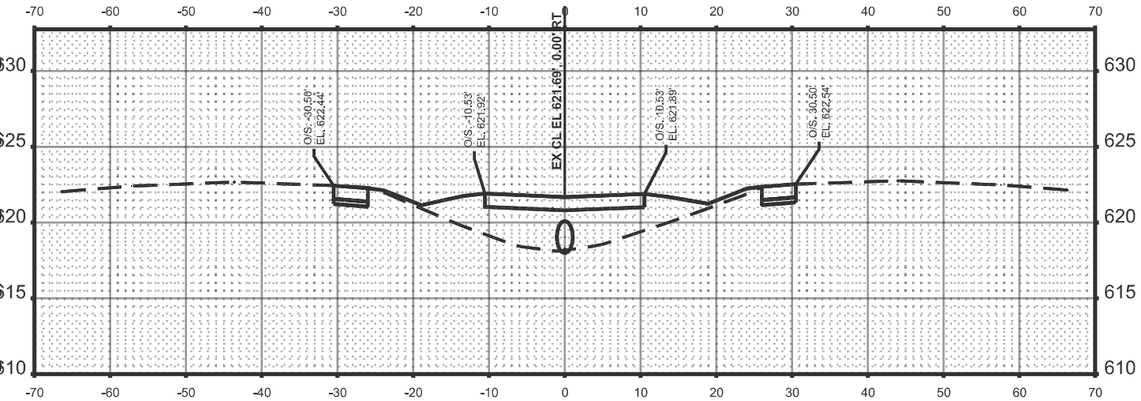
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 13 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	81
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



STA 5454+00.00



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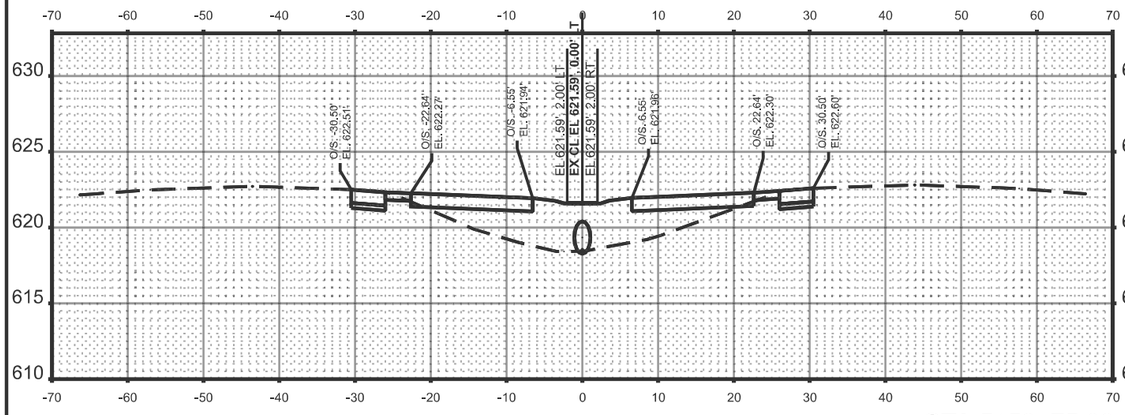

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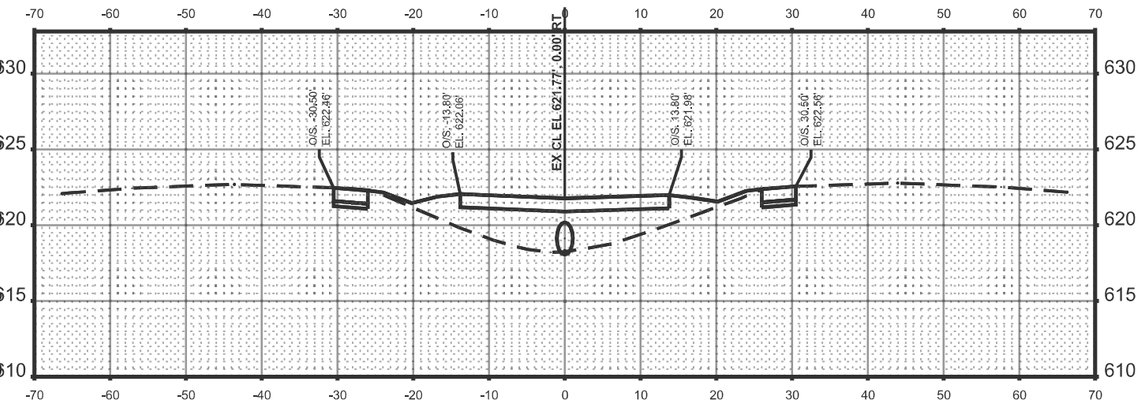

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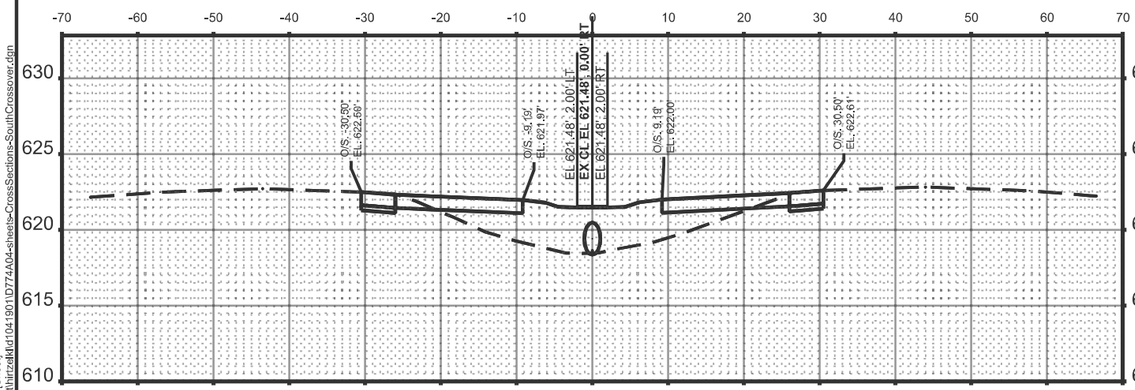

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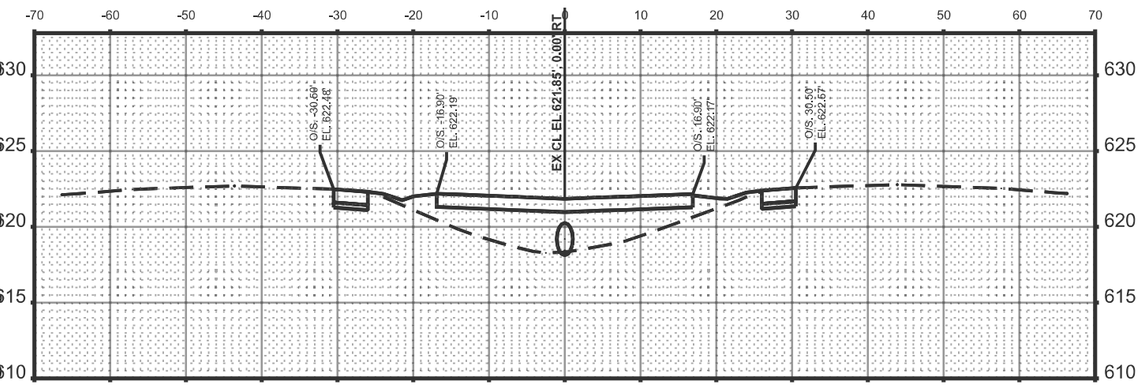

STA 5454+25.00

MODEL: ExCL - 5453+50.00-1 [Sheet]
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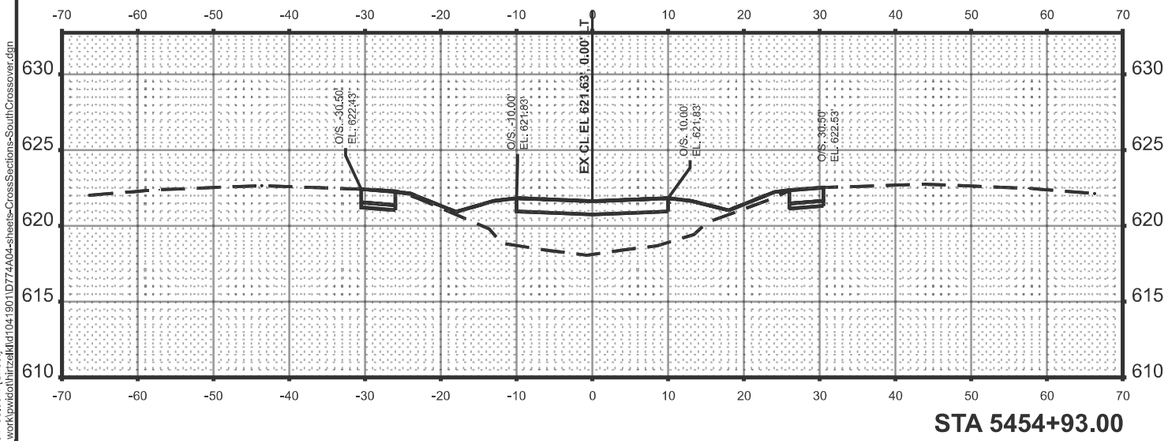
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 14 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	82
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



STA 5454+93.00

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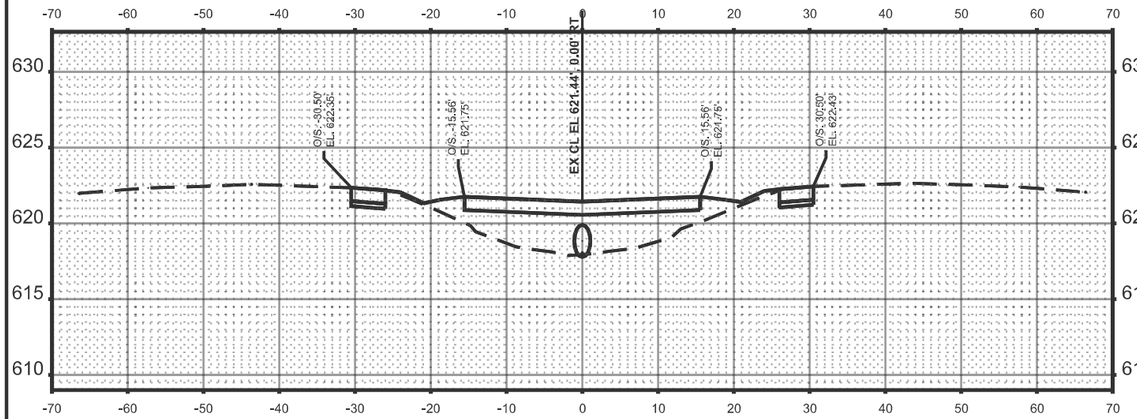
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

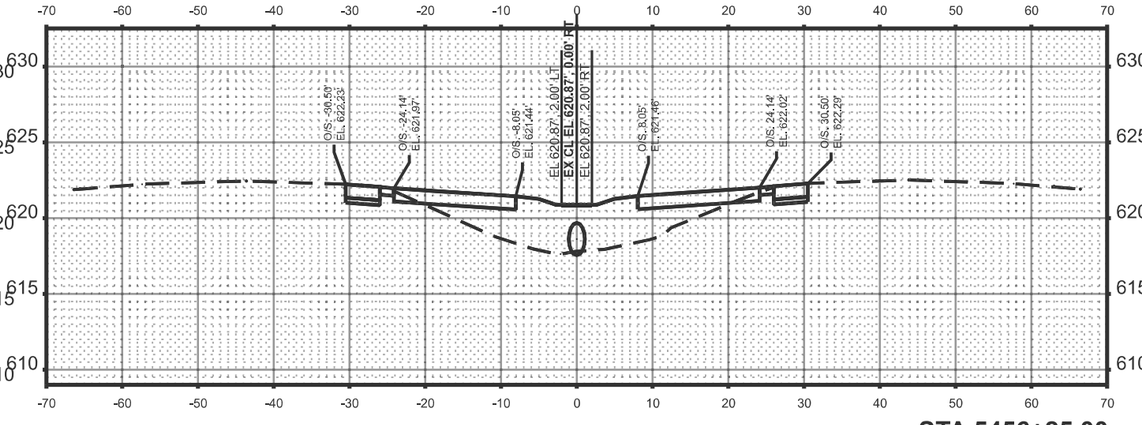
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 15 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	83
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



STA 5455+50.00



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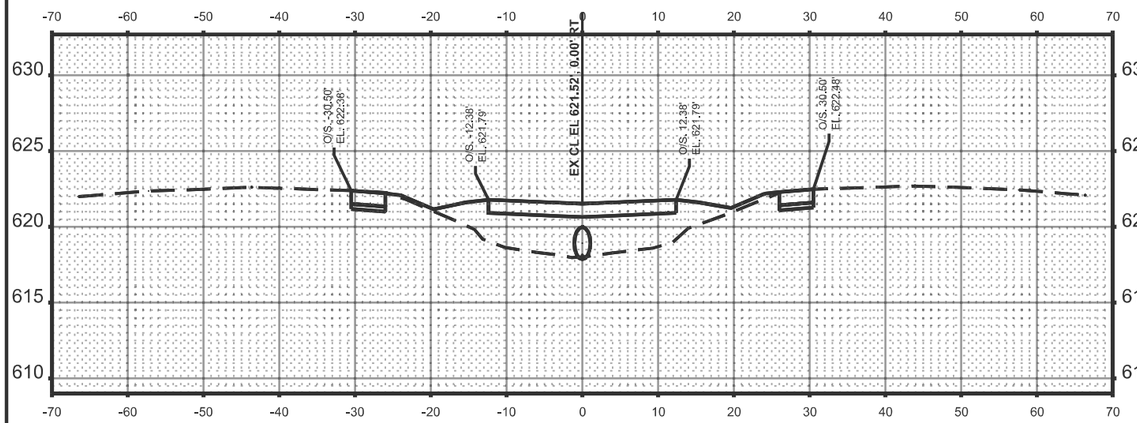
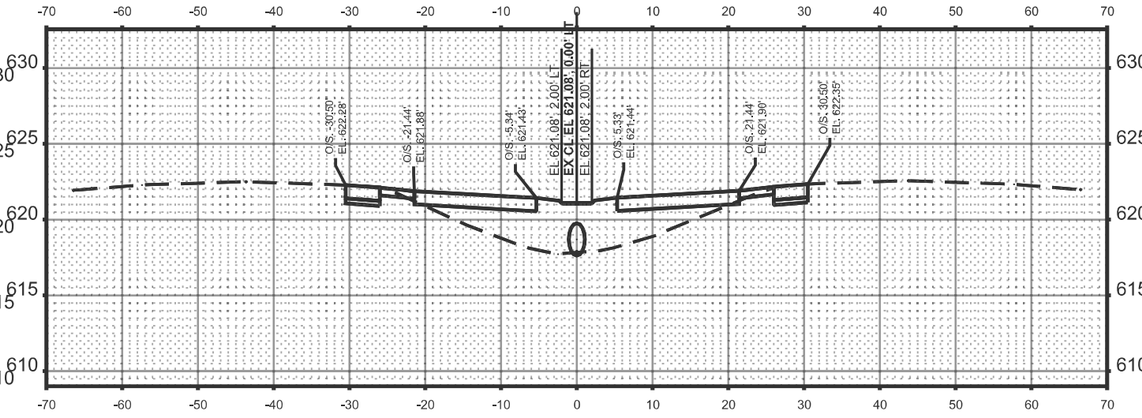


STA 5455+25.00



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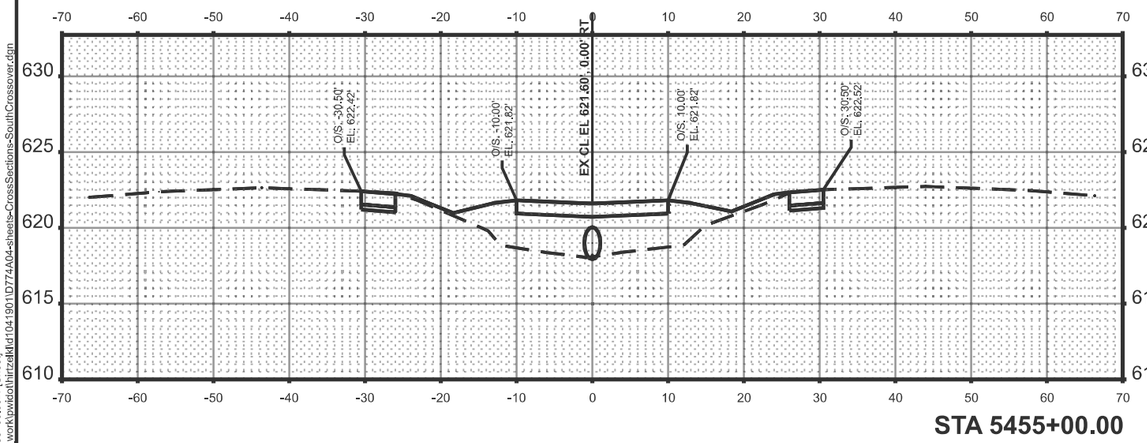

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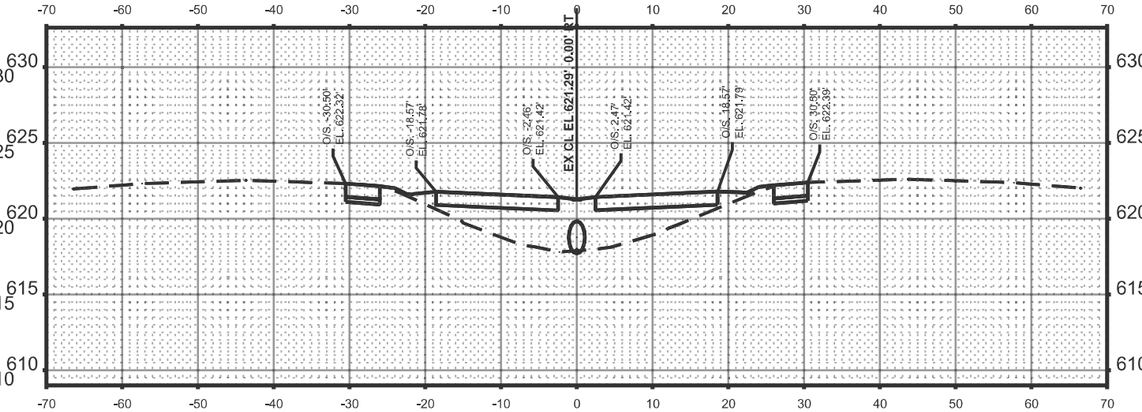

STA 5455+75.00

MODEL: ExCL - 5455+00.00-1 [Sheet]
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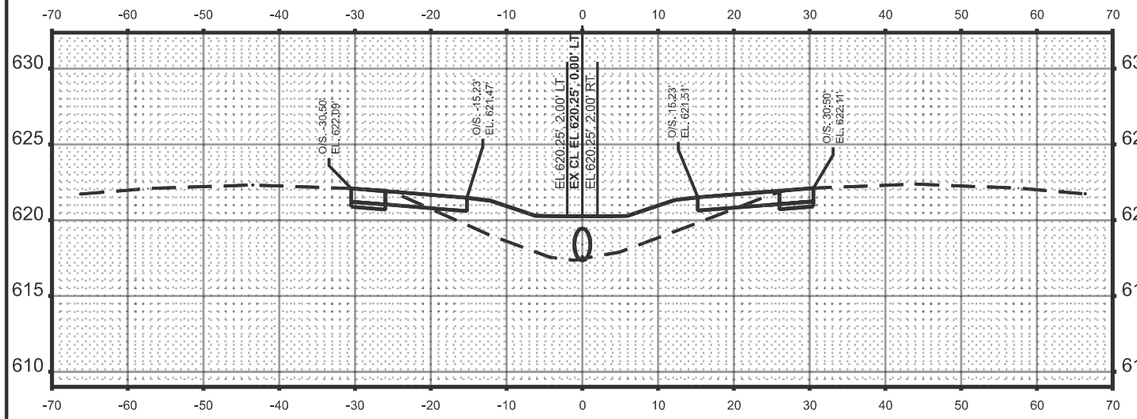
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 16 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	84
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



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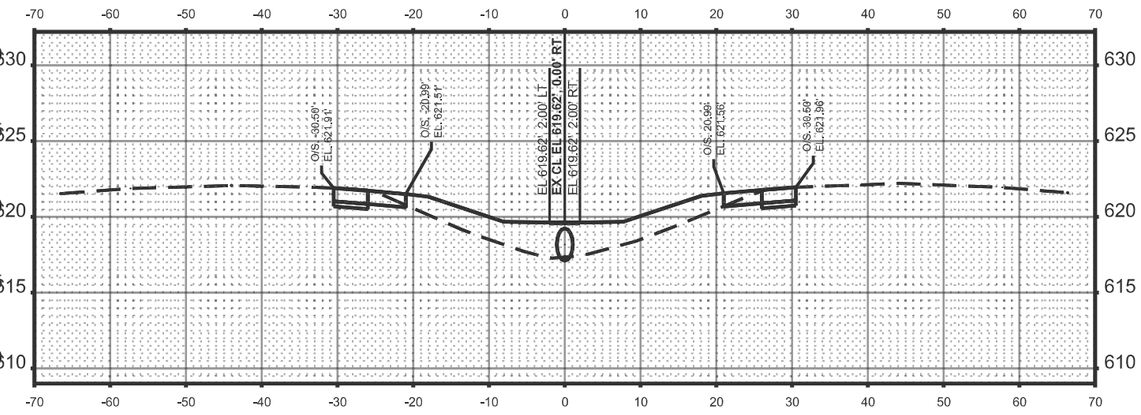

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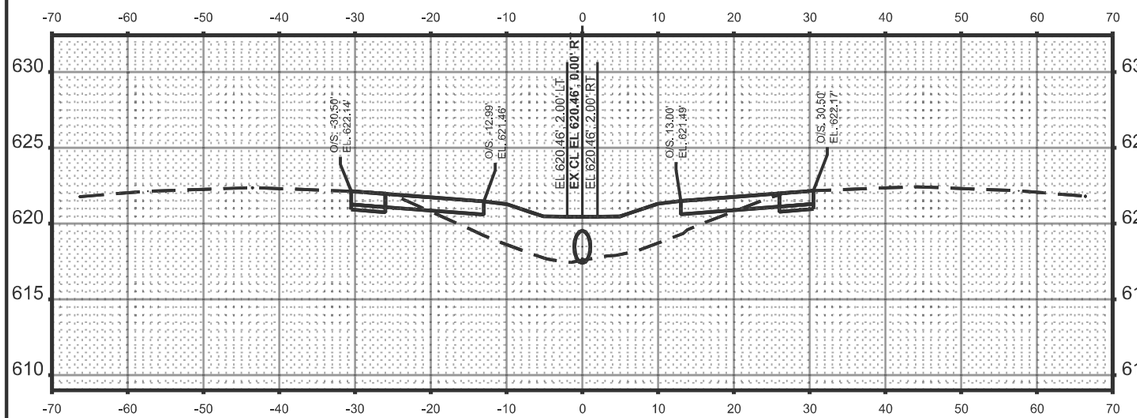

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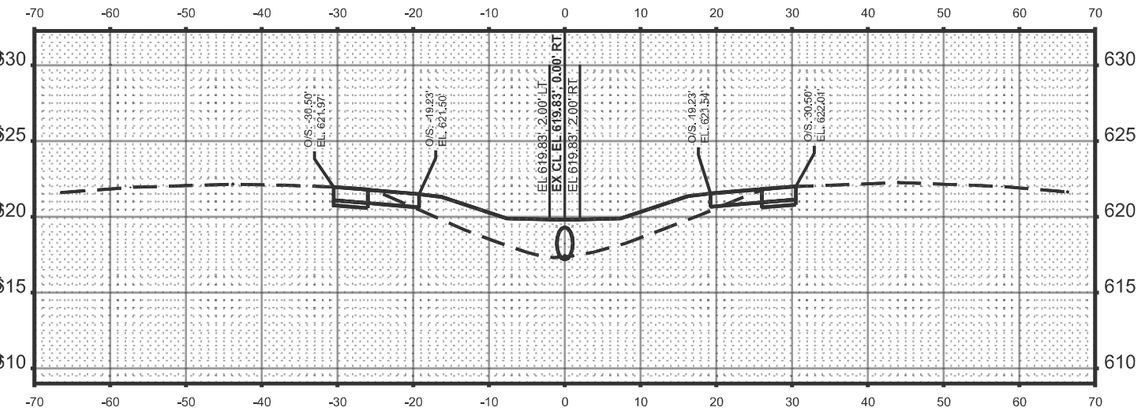

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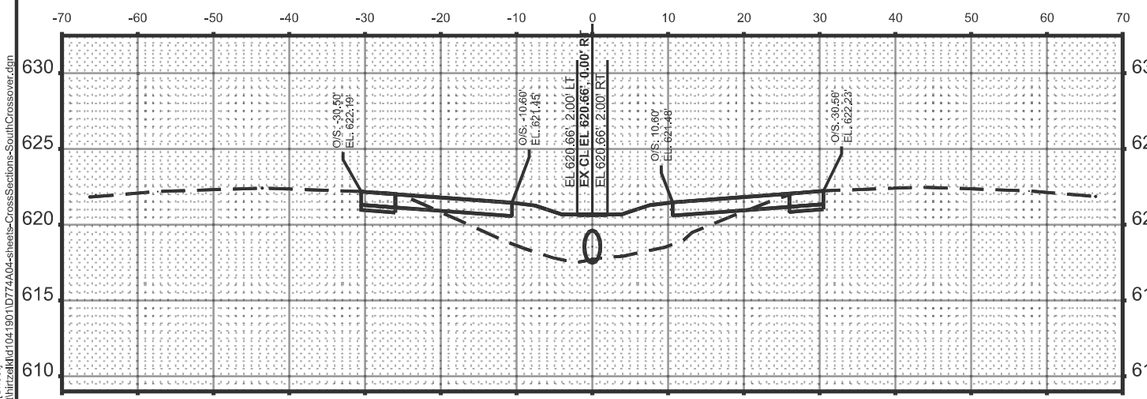
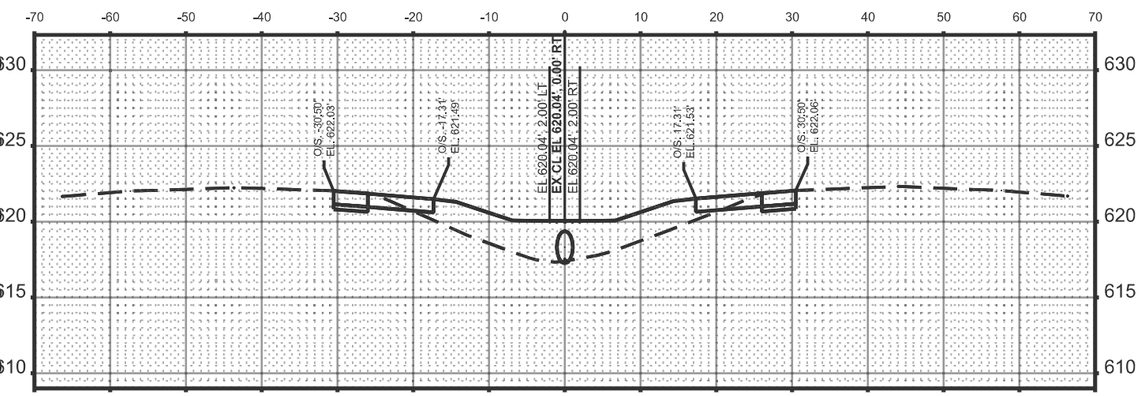


STA 5456+50.00



STA 5457+25.00

MODEL: ExCl - 5456+50.00-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\thirtzelkld1\d0401901\D774A04-sheets-CrossSections-SouthCrossover.dgn

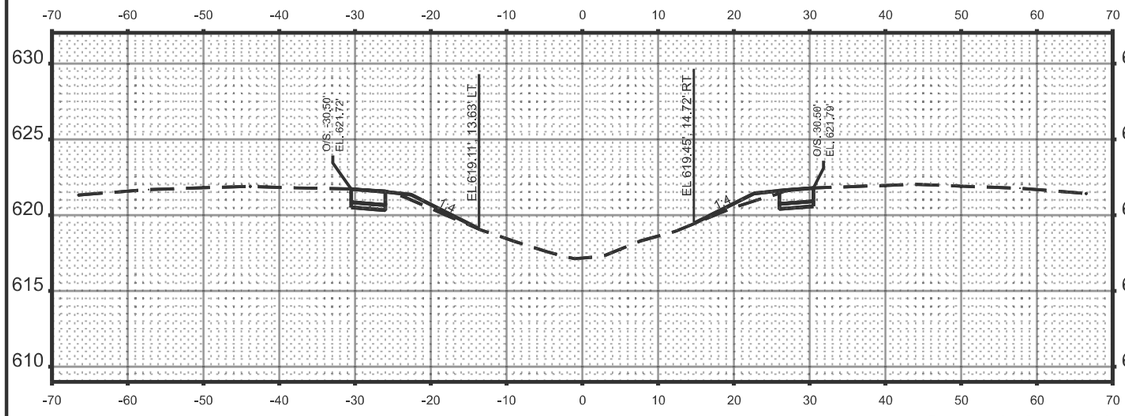
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 17 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	85
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



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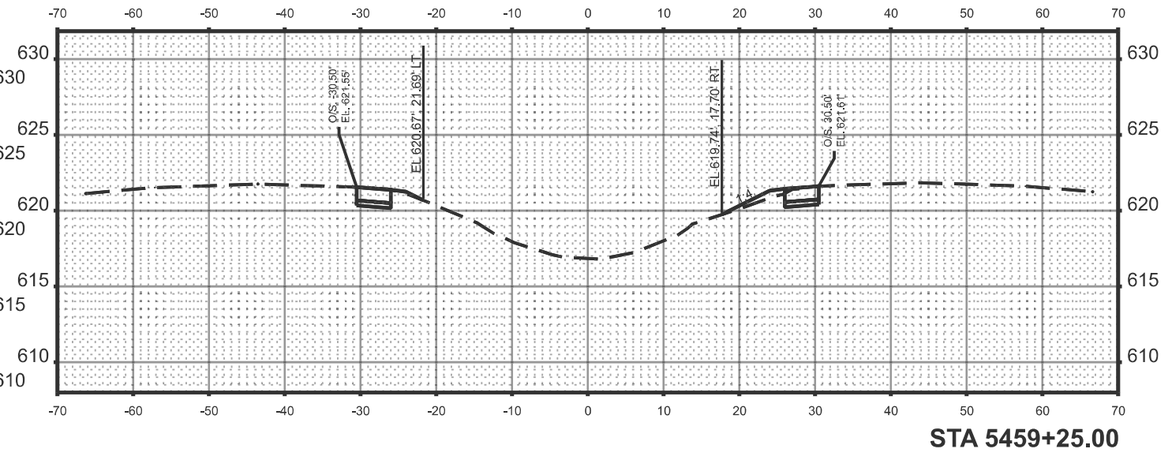
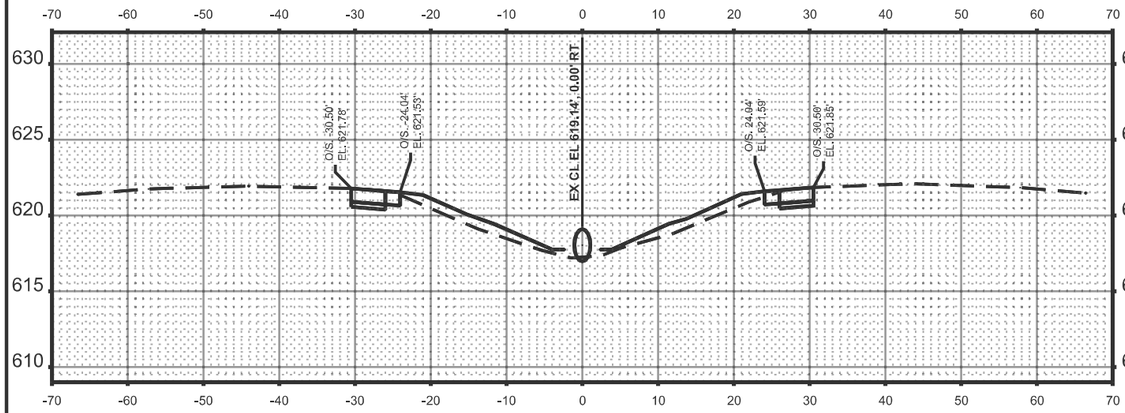
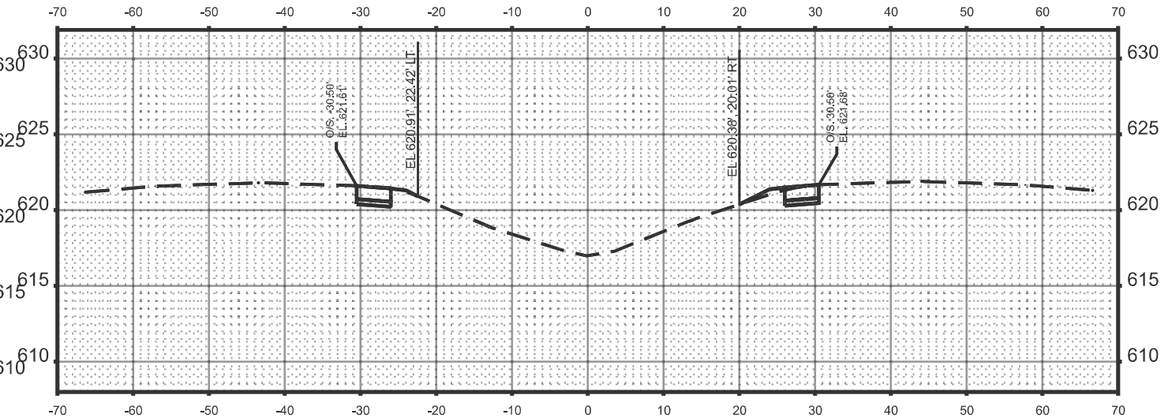


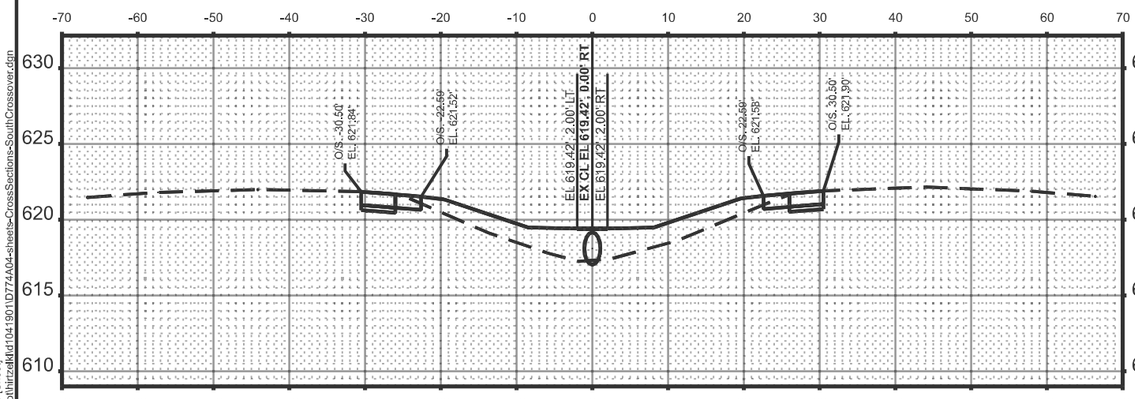
STA 5459+25.00



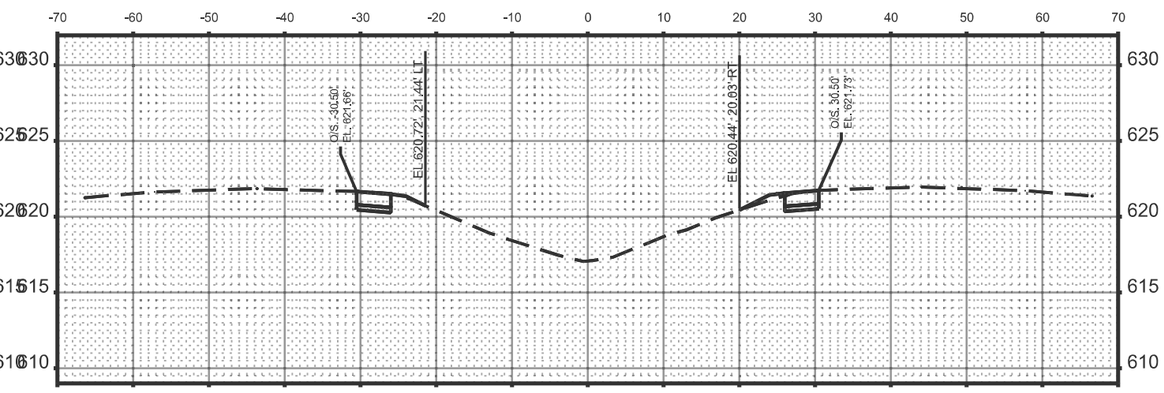
STA 5458+25.00



STA 5459+00.00



STA 5458+00.00



STA 5458+75.00

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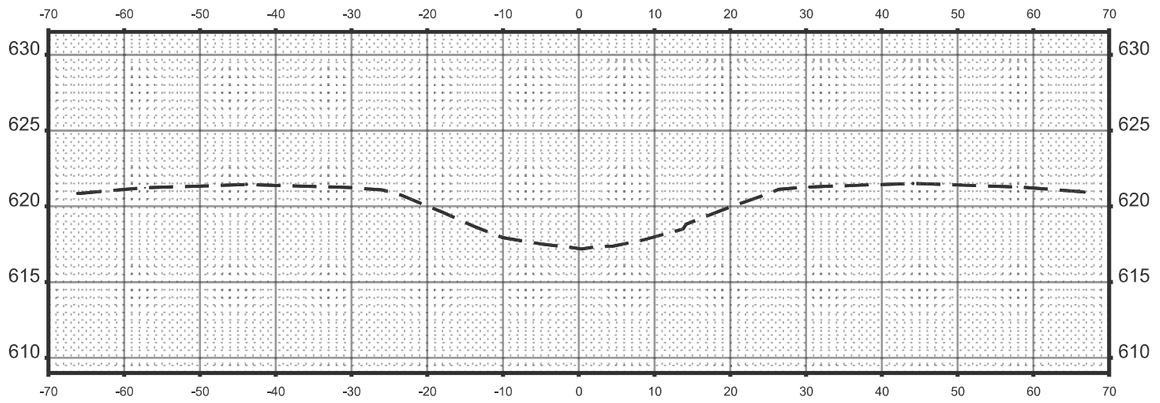
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

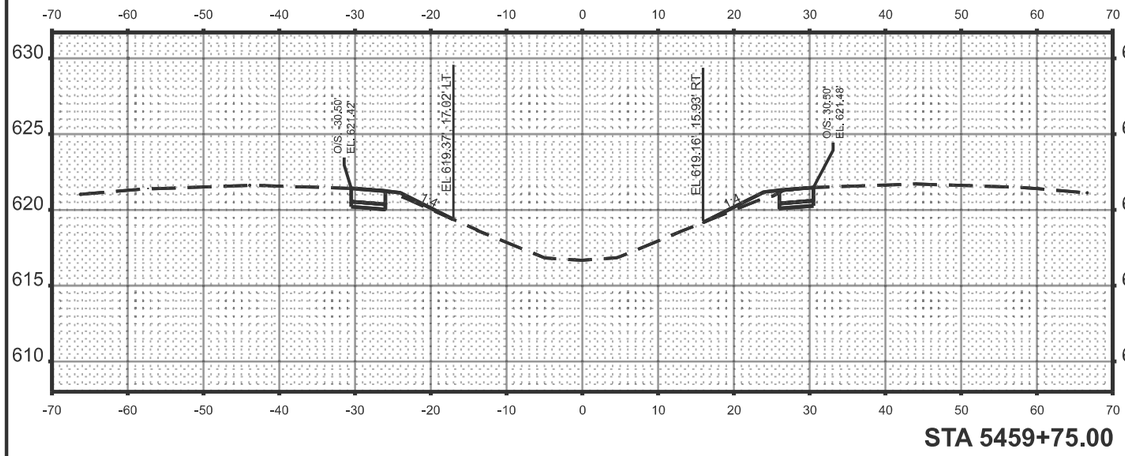
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 18 OF 28 SHEETS | STA. | TO STA.

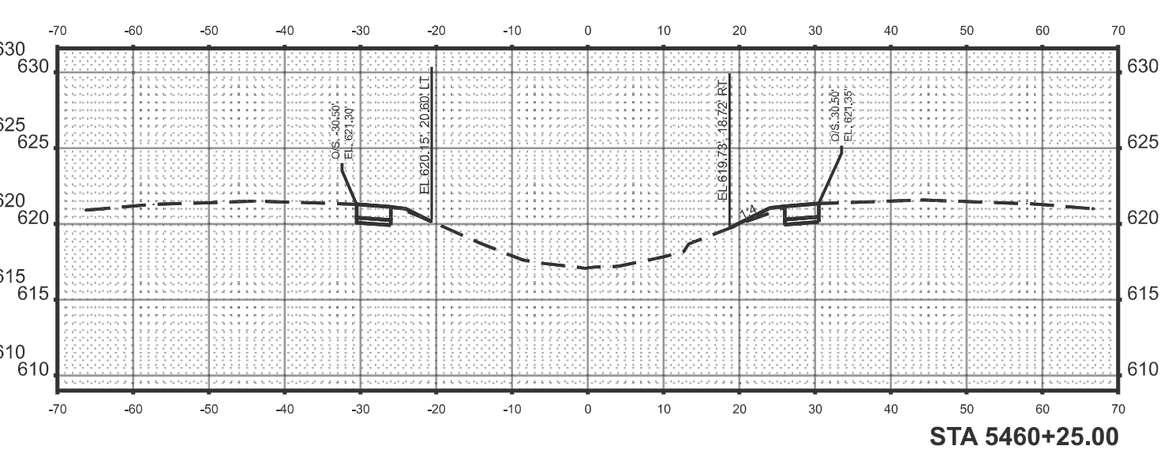
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	86
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



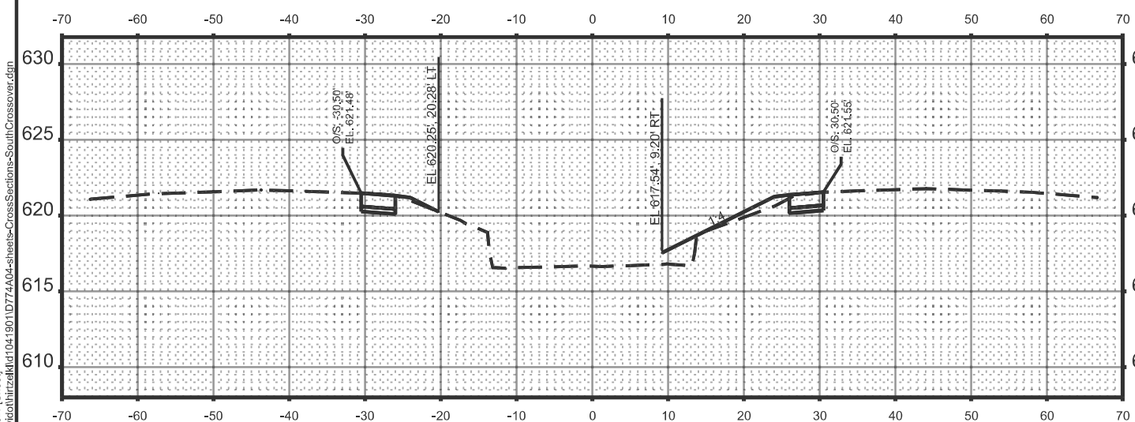
STA 5460+50.00



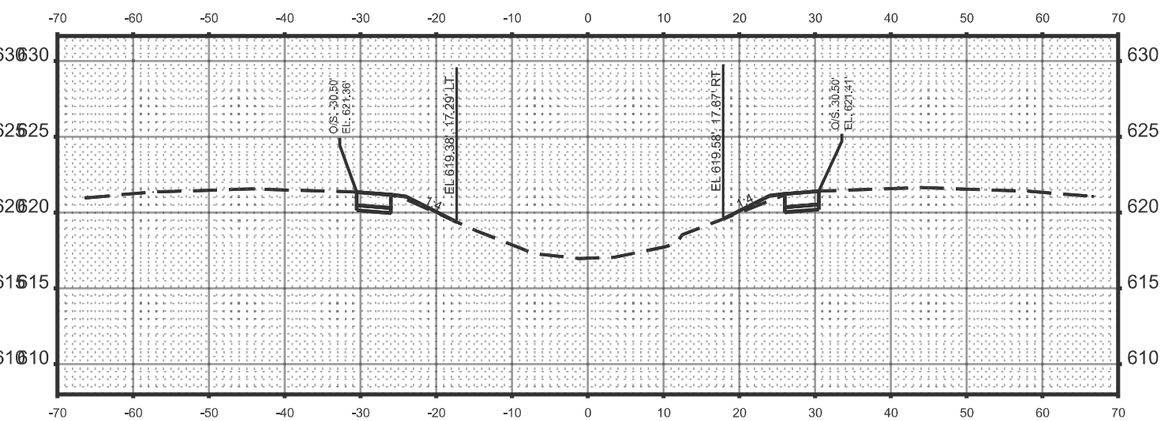
STA 5459+75.00



STA 5460+25.00



STA 5459+50.00



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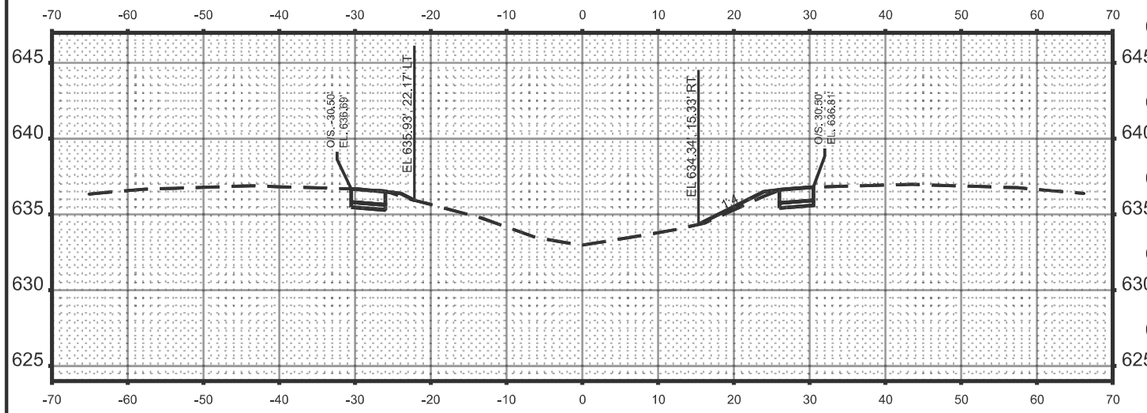
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

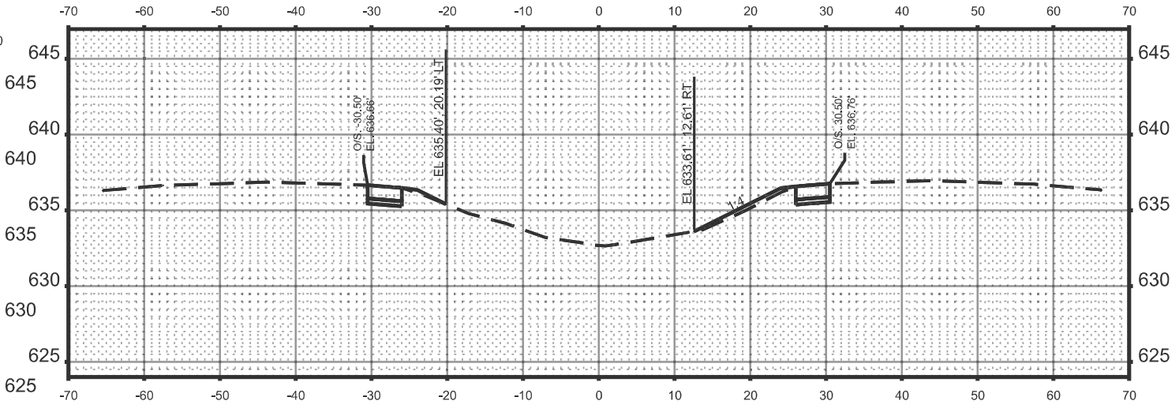
CROSS SECTIONS
SOUTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 19 OF 28 SHEETS | STA. | TO STA.

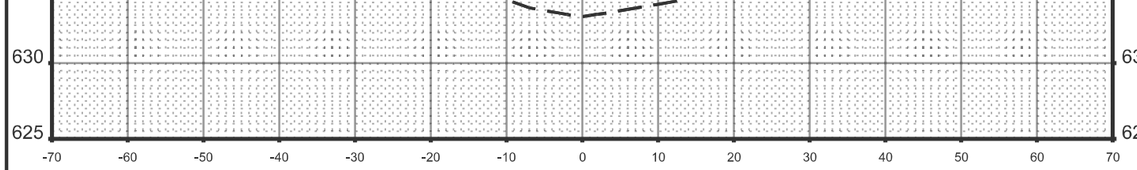
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	87
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



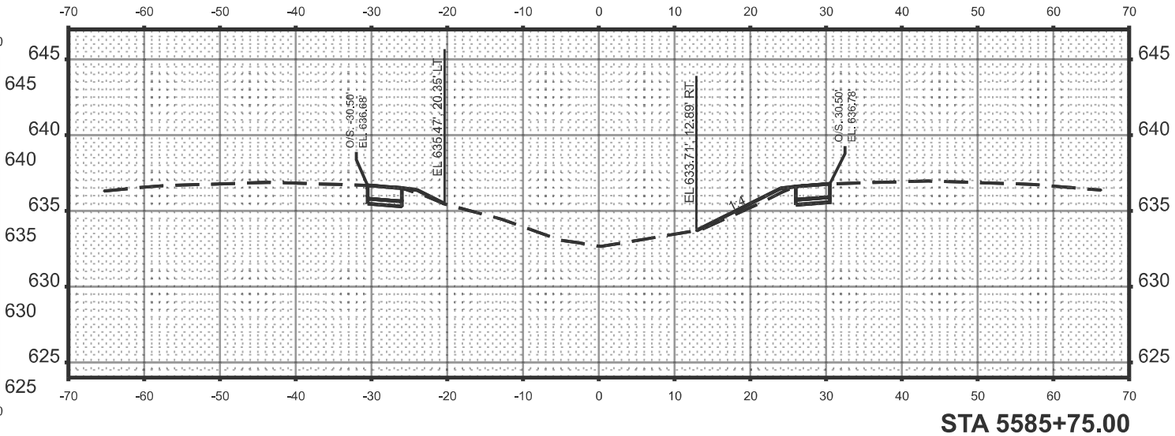
STA 5585+25.00



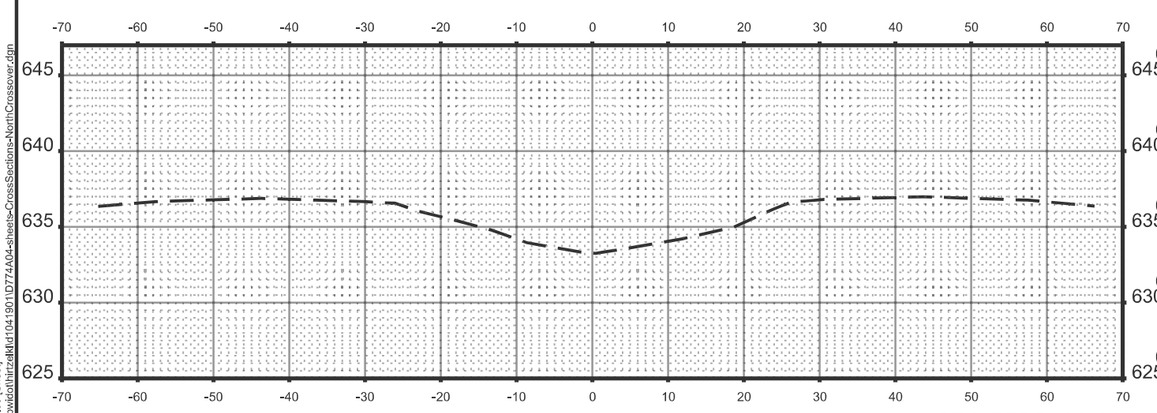
STA 5586+00.00



STA 5585+16.88



STA 5585+75.00



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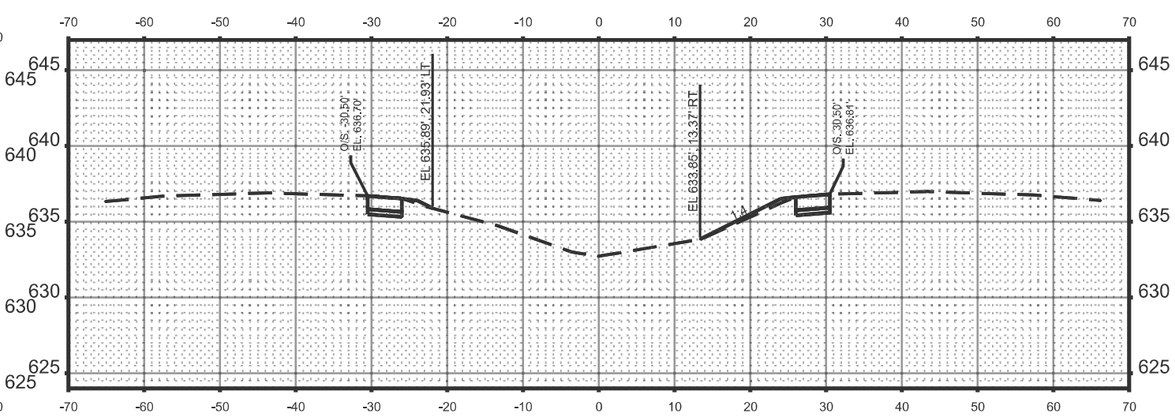

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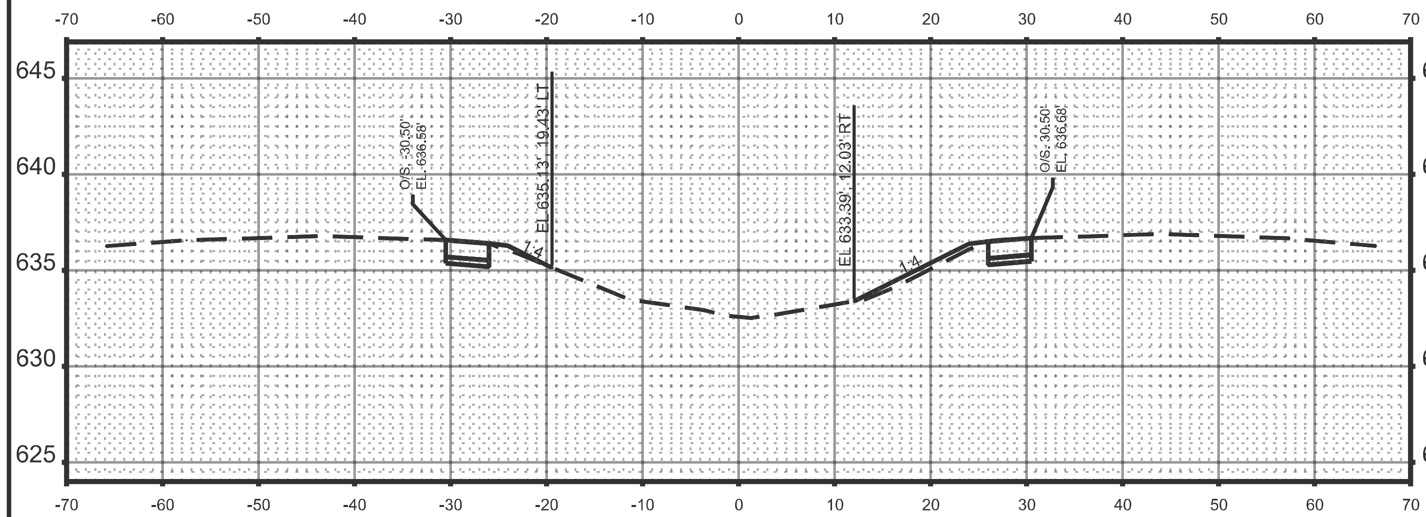
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 20 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	88
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		



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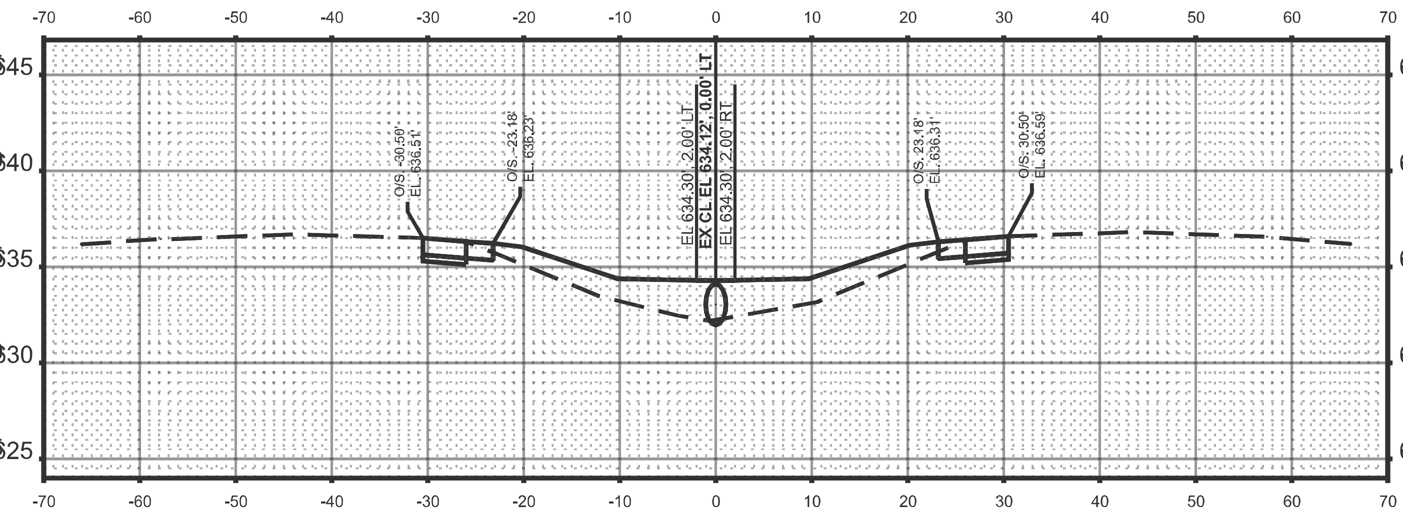
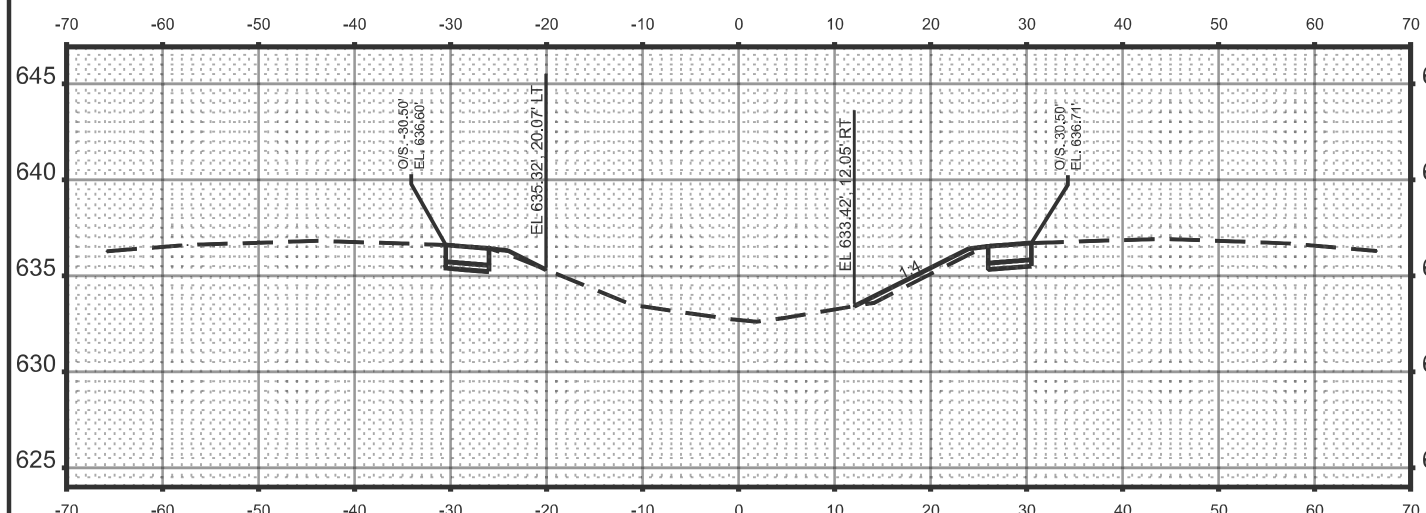


STA 5587+50.00



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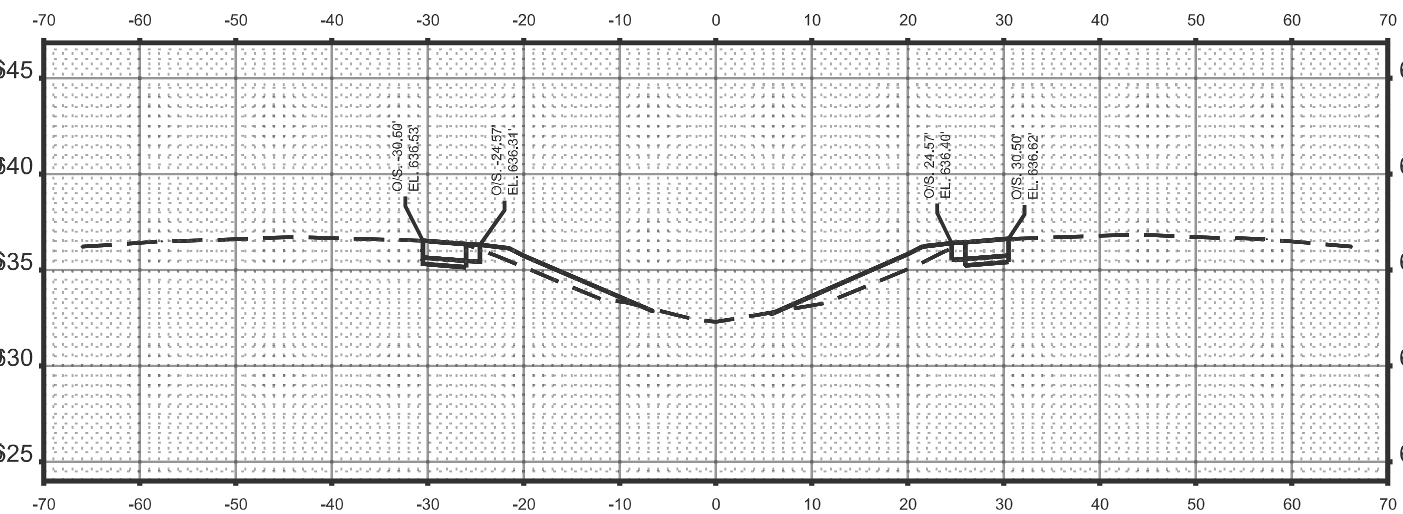

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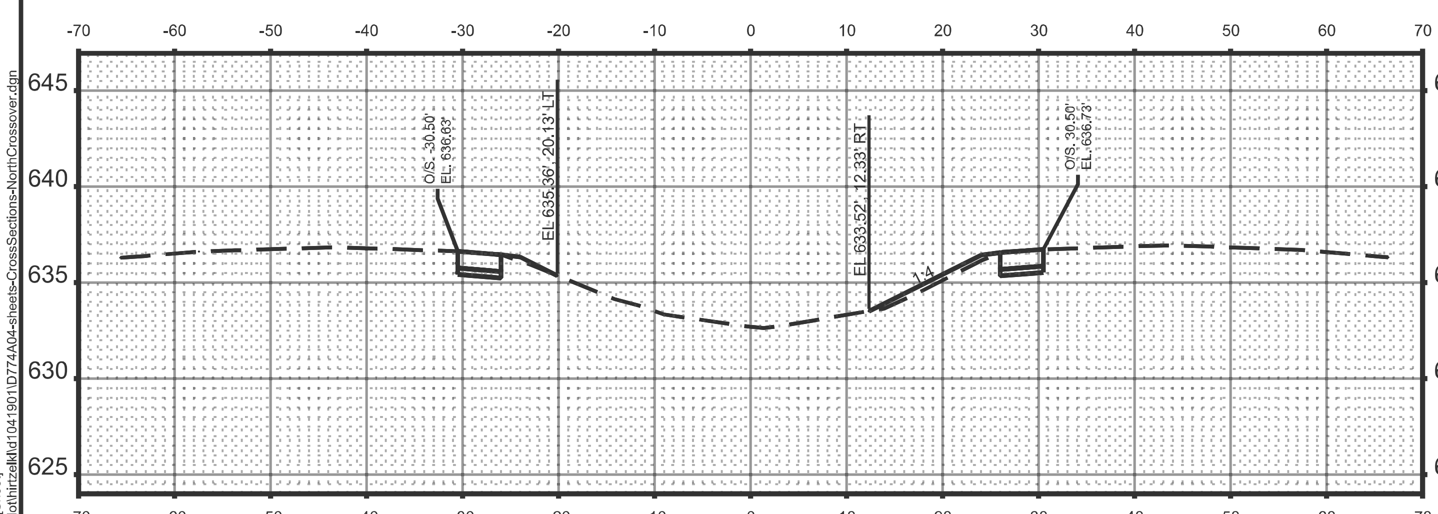

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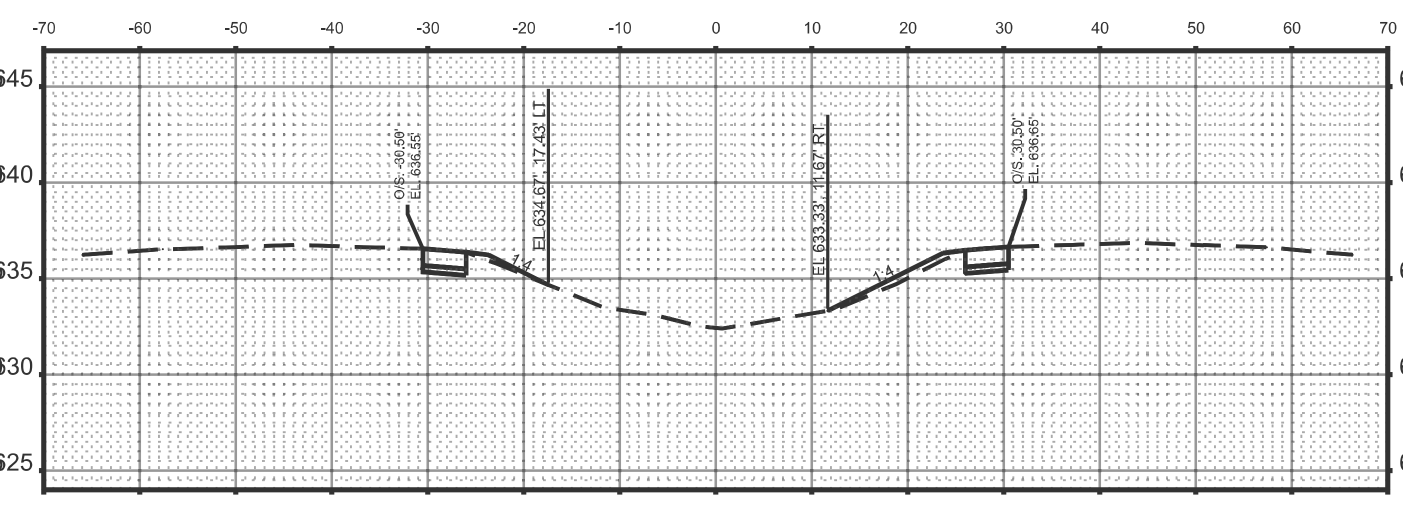

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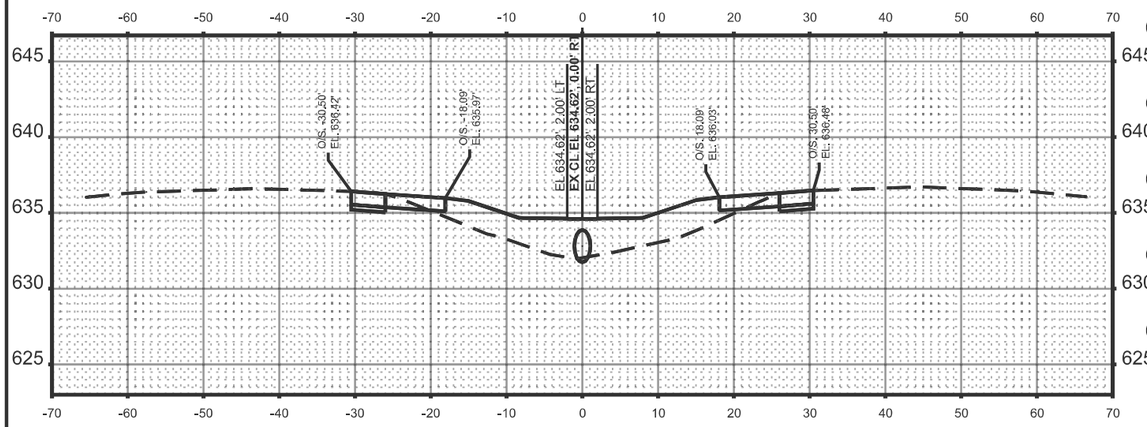
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

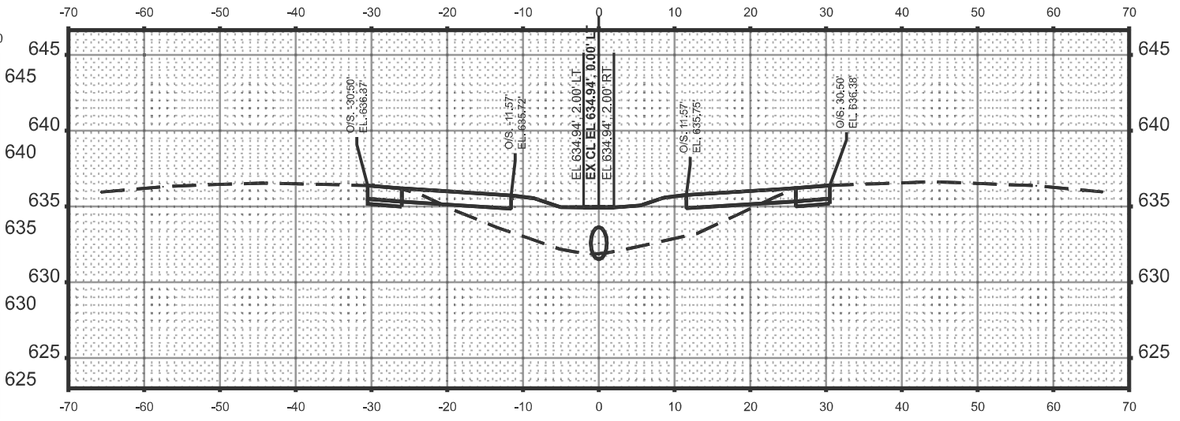
CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 21 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	89
		CONTRACT NO. 74A04		
		ILLINOIS	FED. AID PROJECT	



STA 5588+25.00



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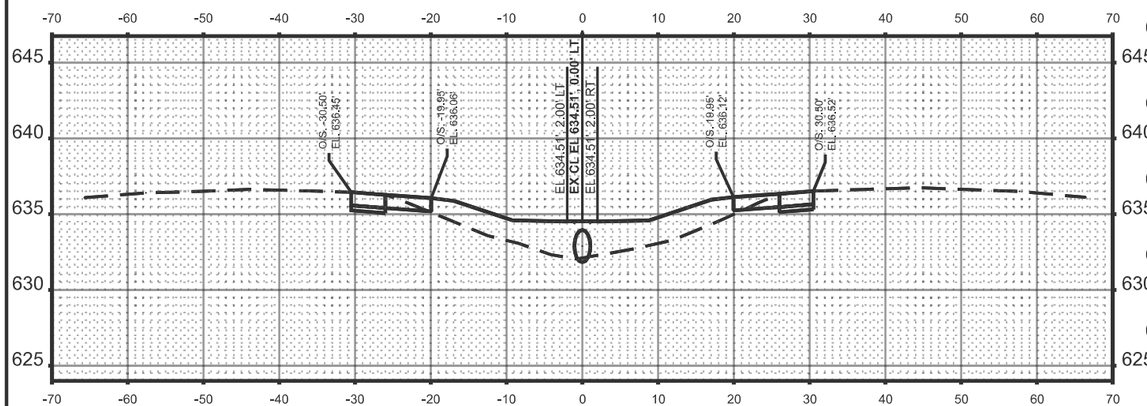

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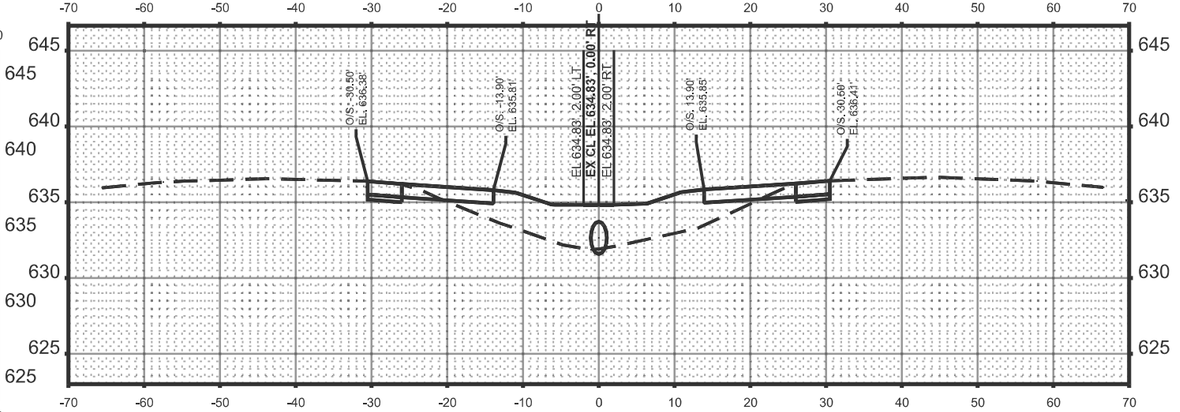

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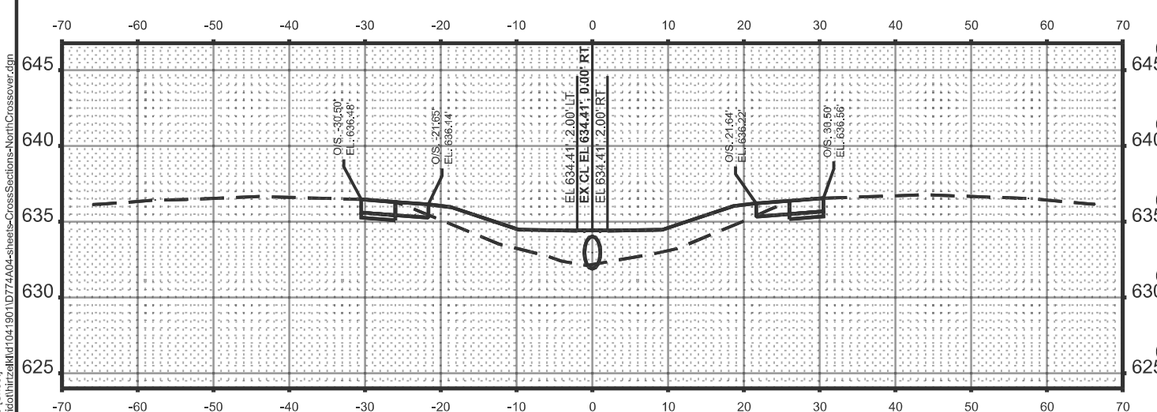
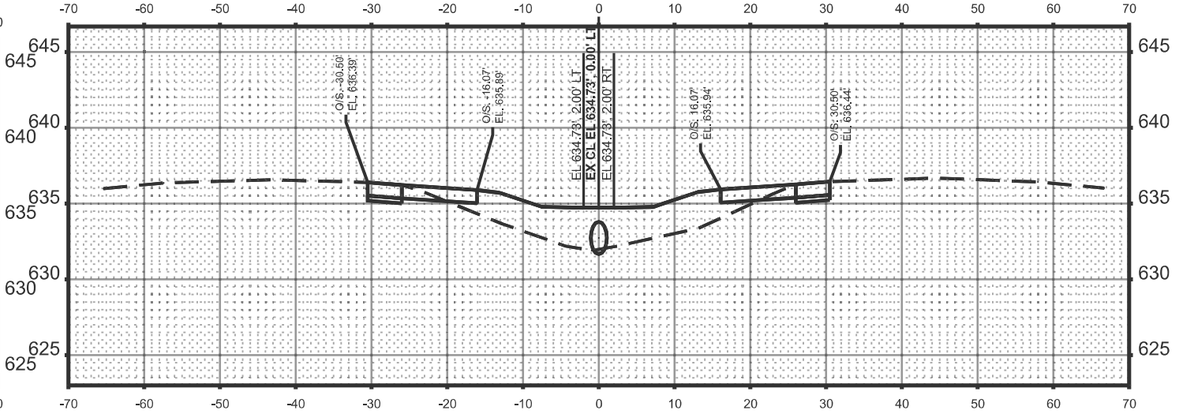


STA 5587+75.00



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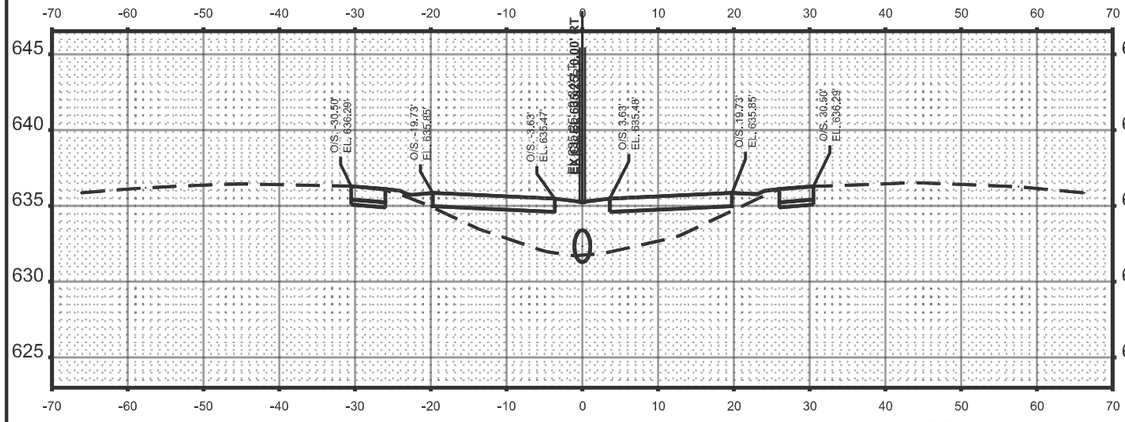
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 22 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	90
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



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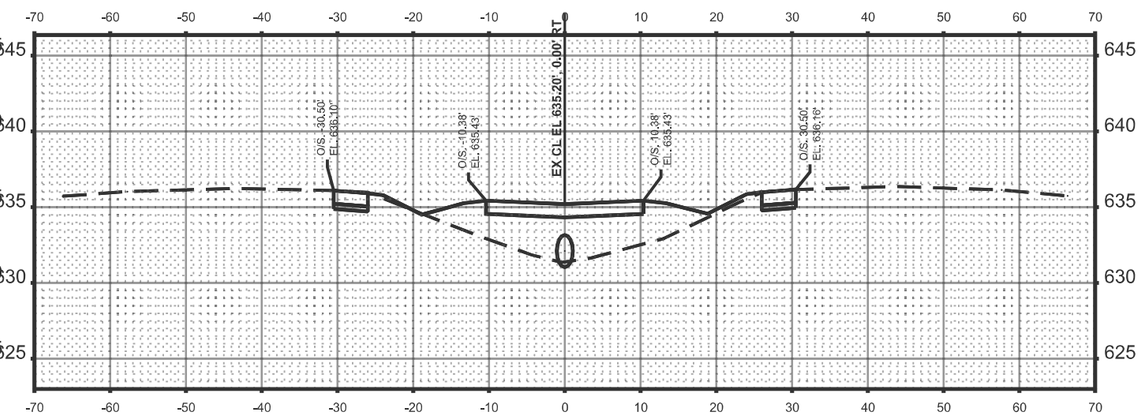

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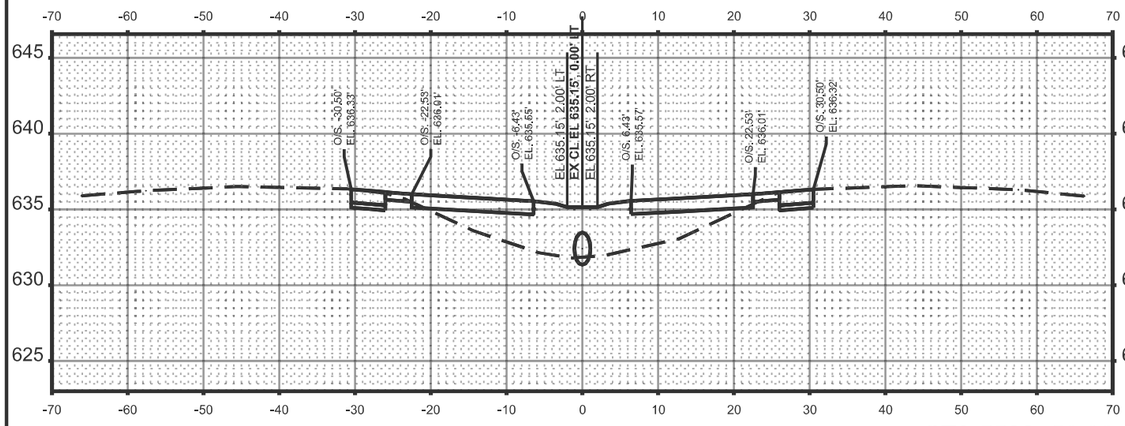

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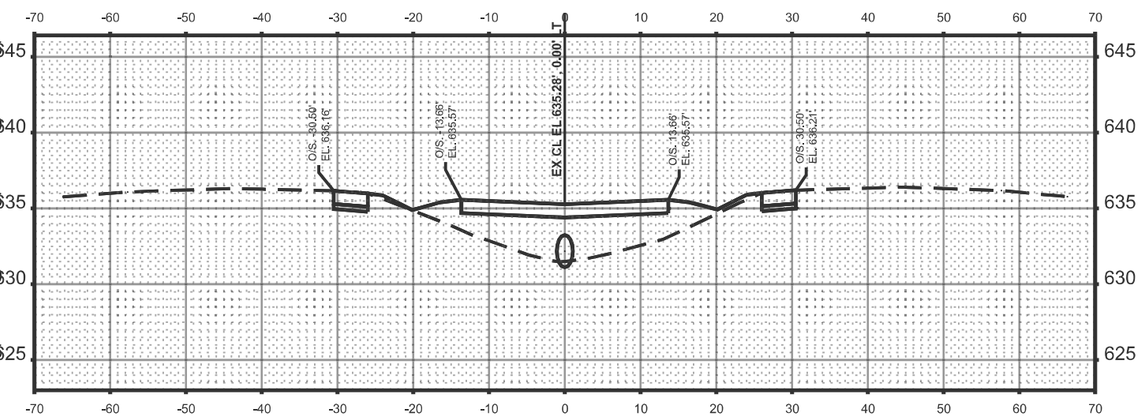
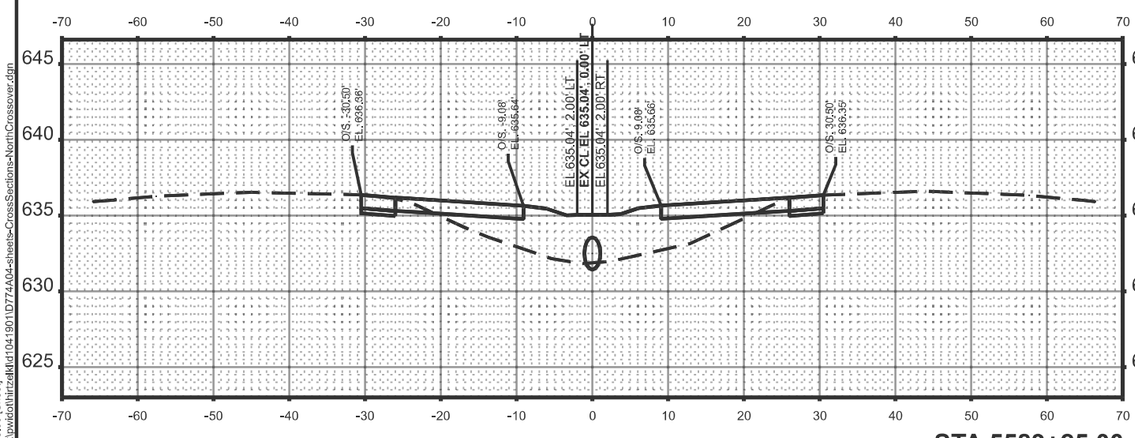


STA 5590+25.00



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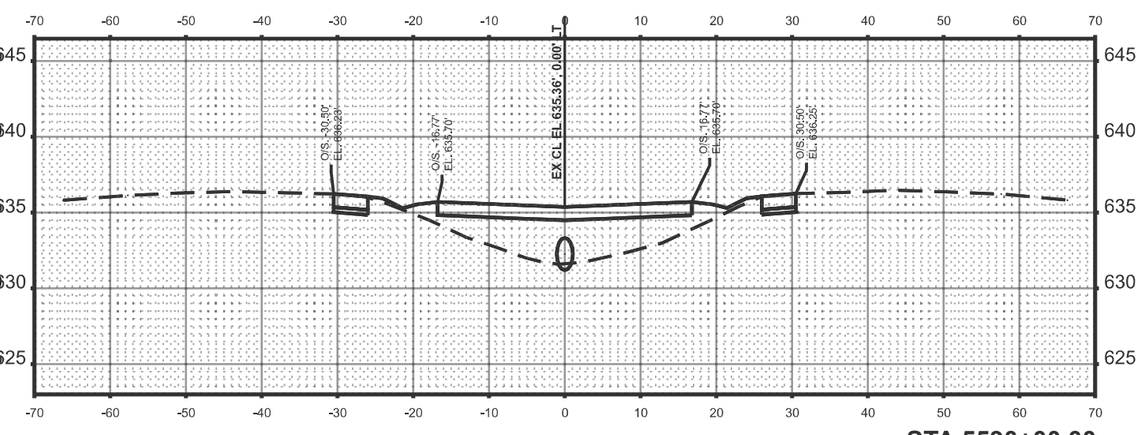

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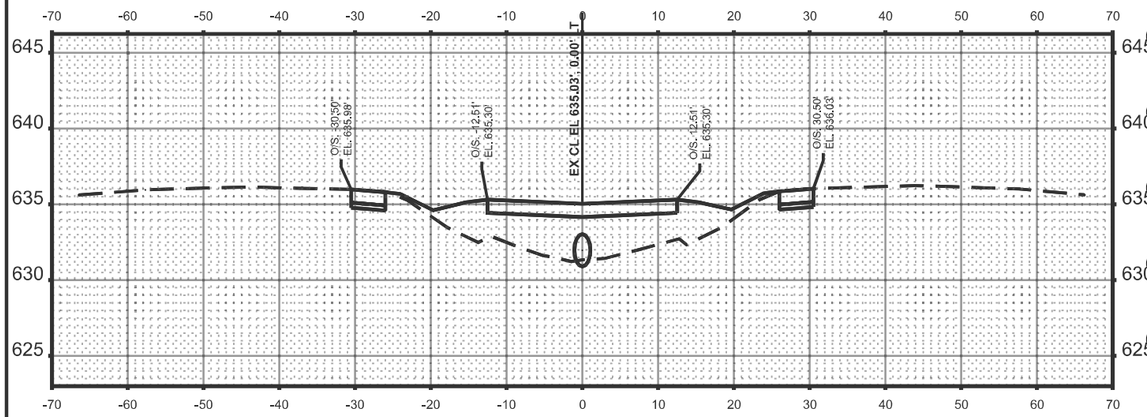
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 23 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	91
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



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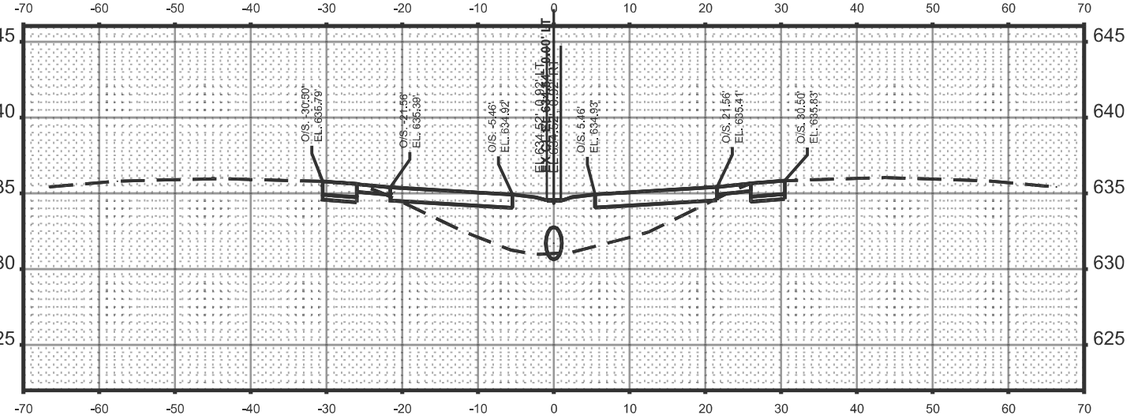

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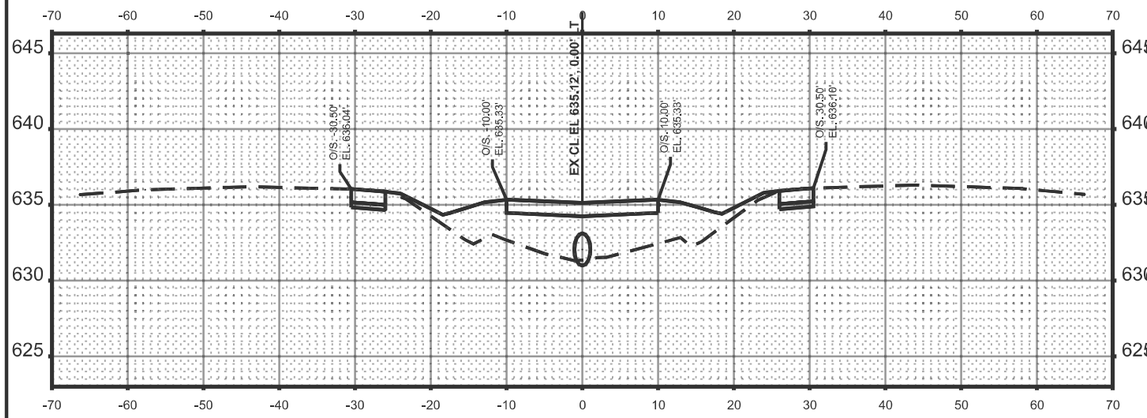

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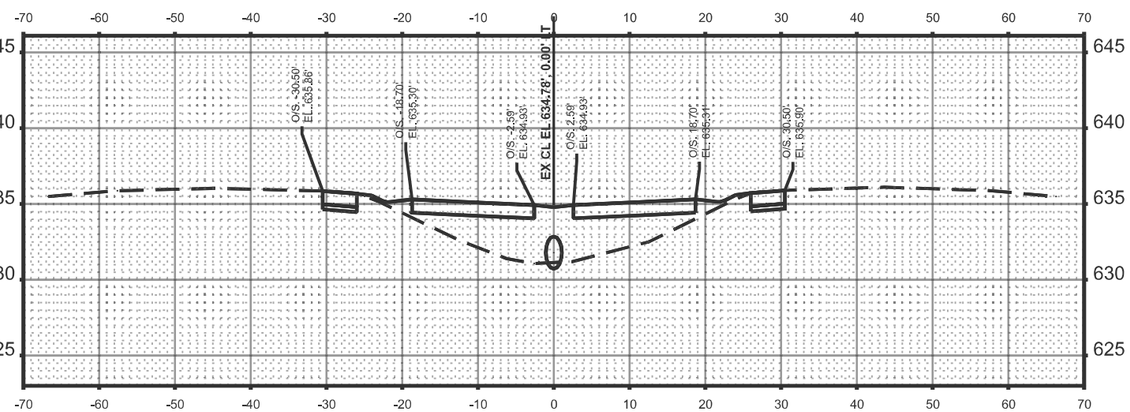

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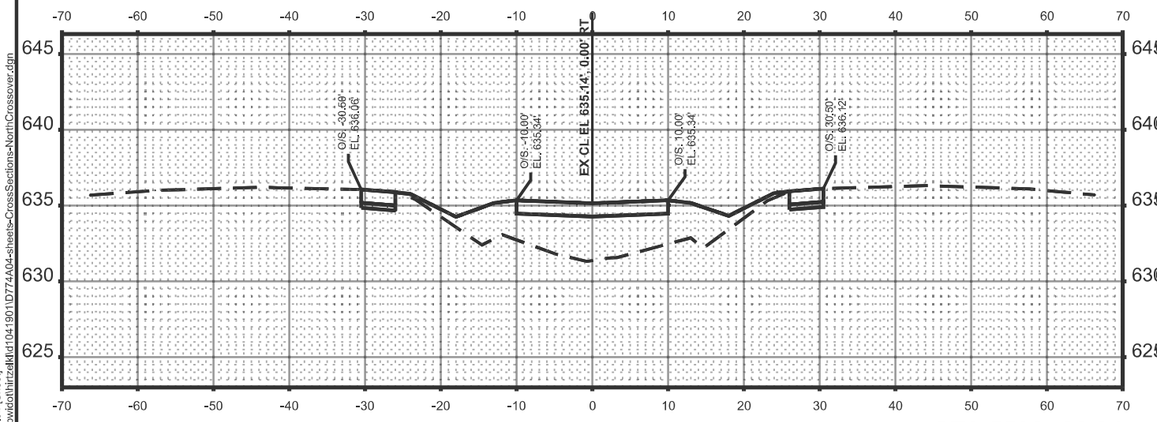

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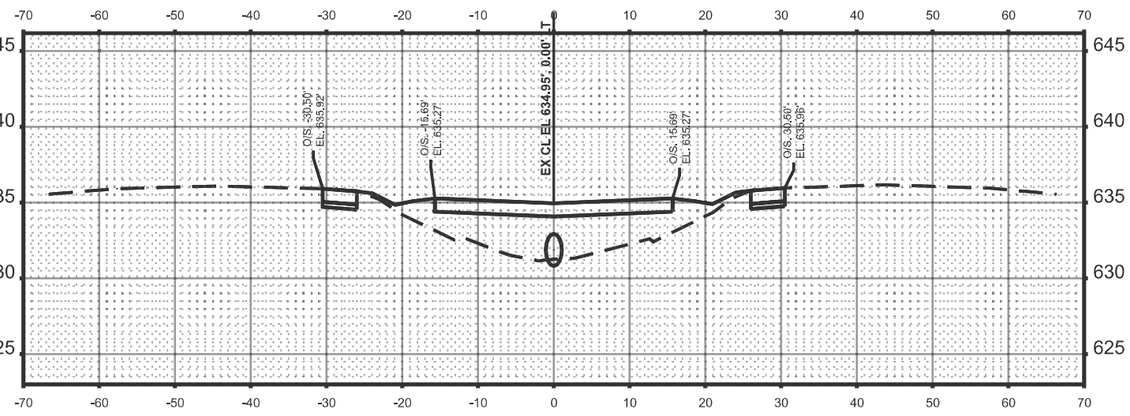

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	DRAWN -	REVISED -	
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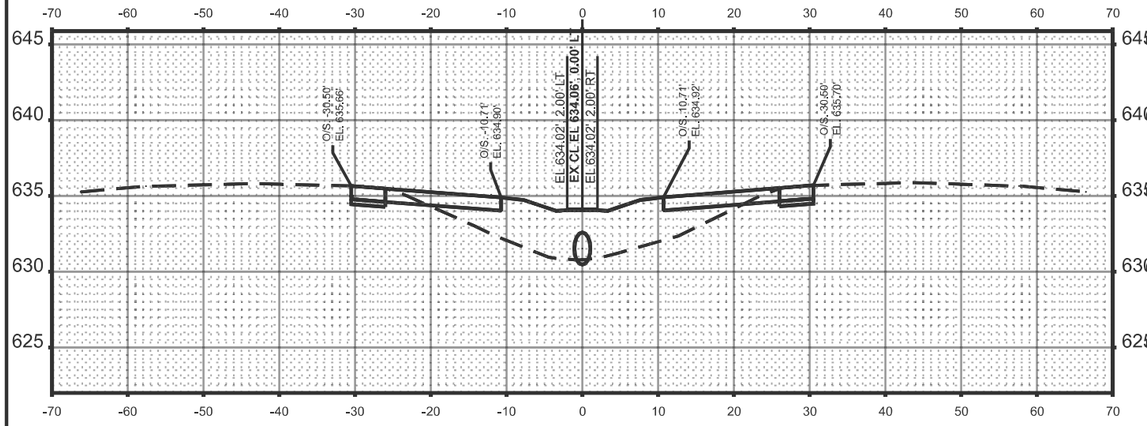
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 24 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	92
		CONTRACT NO. 74A04		
		ILLINOIS FED. AID PROJECT		



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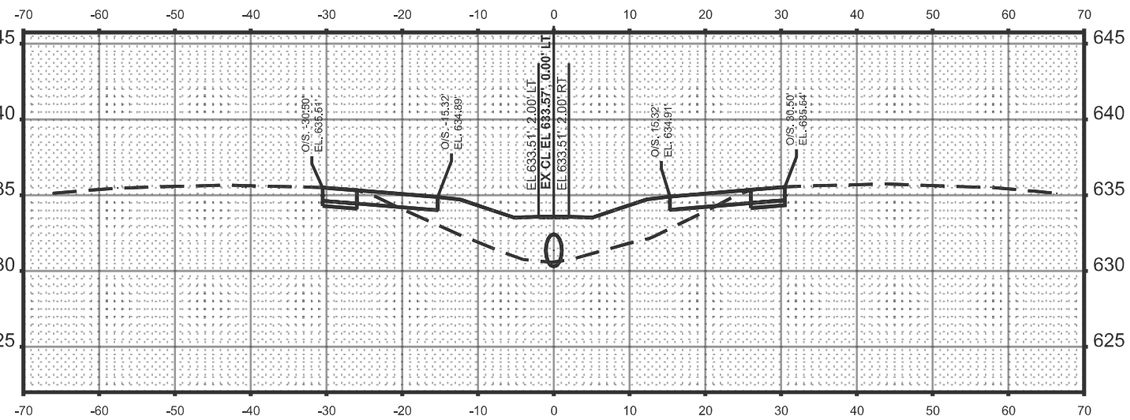

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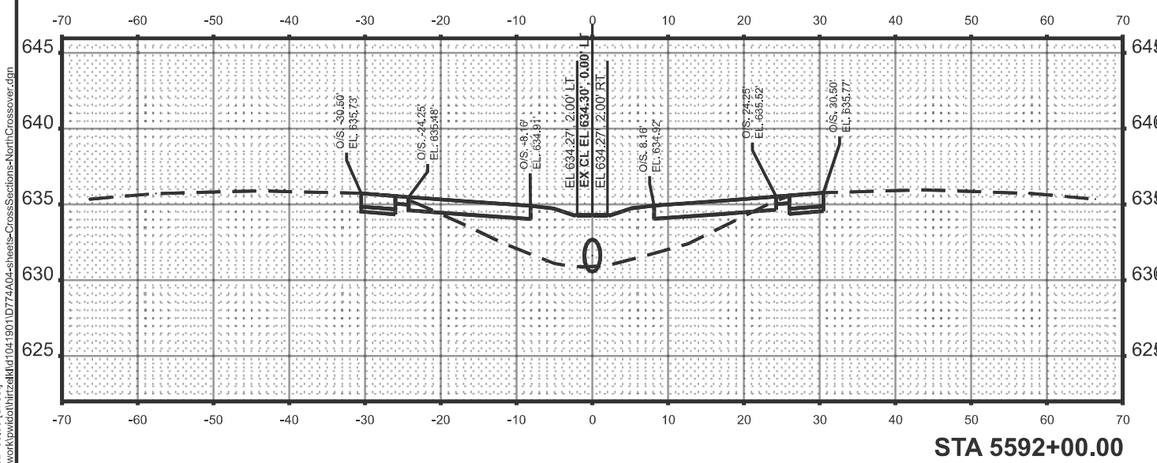

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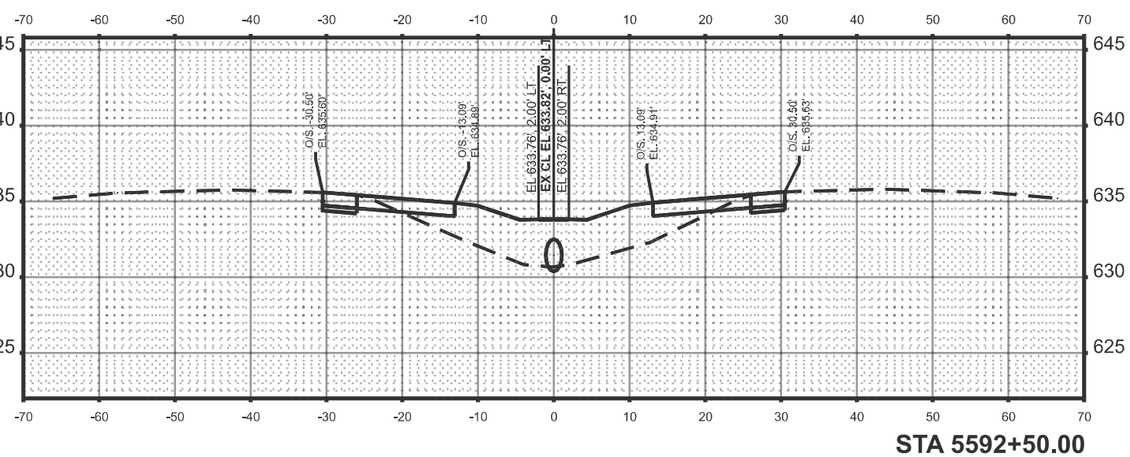

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MODEL: ExCL - 5592+00.00 [Sheet]
FILE NAME: c:\pw_work\dot\thirtzelkl\d1041901\D774A04\sheets\CrossSections-NorthCrossover.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
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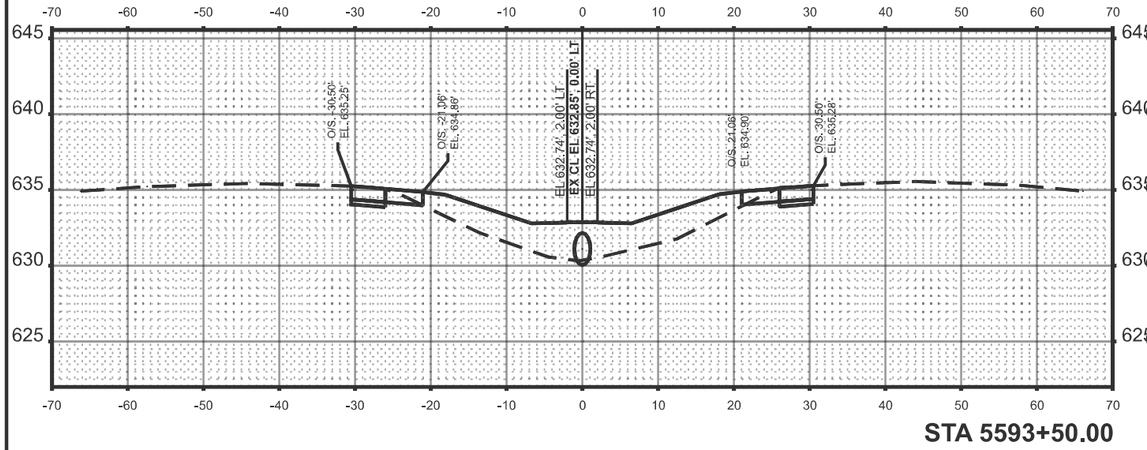
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 25 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	93
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		



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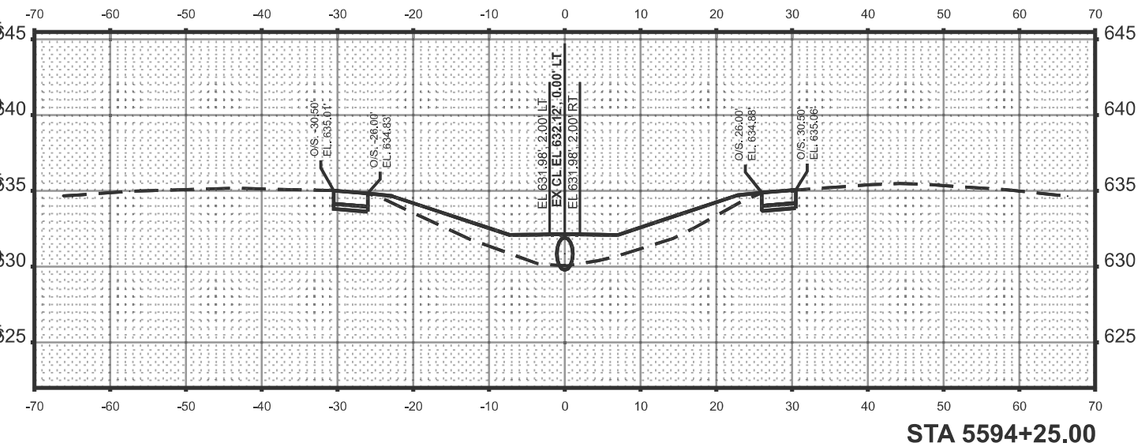

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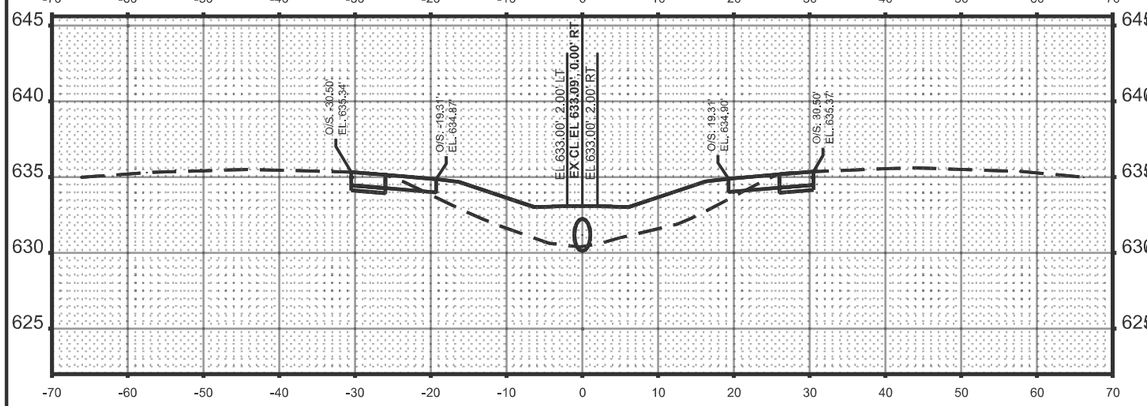

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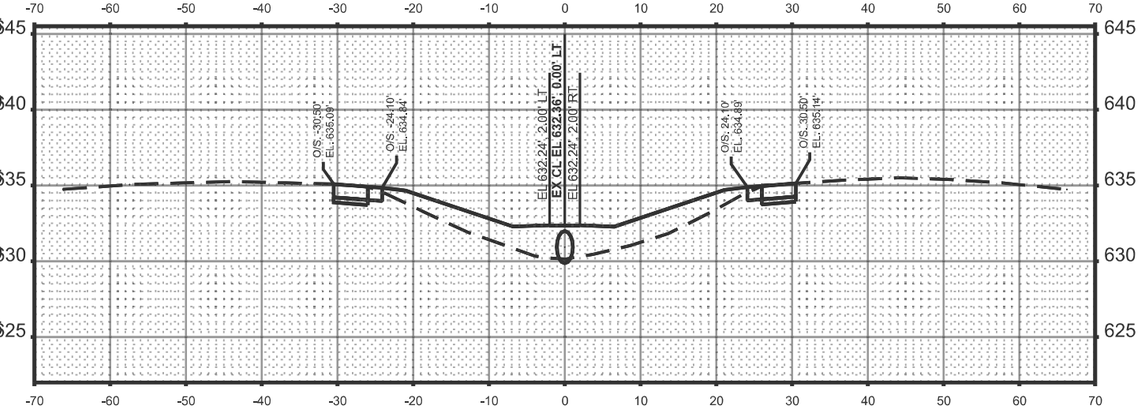

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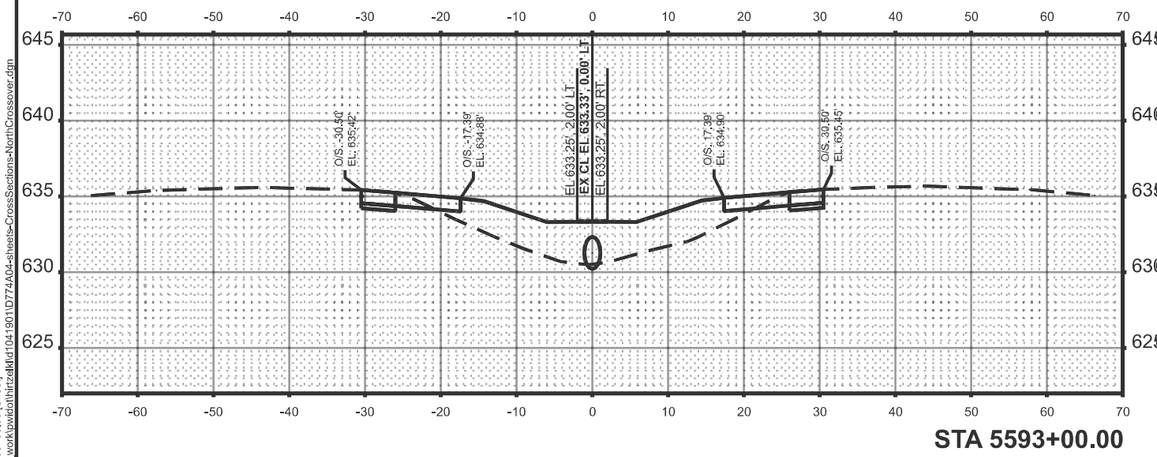

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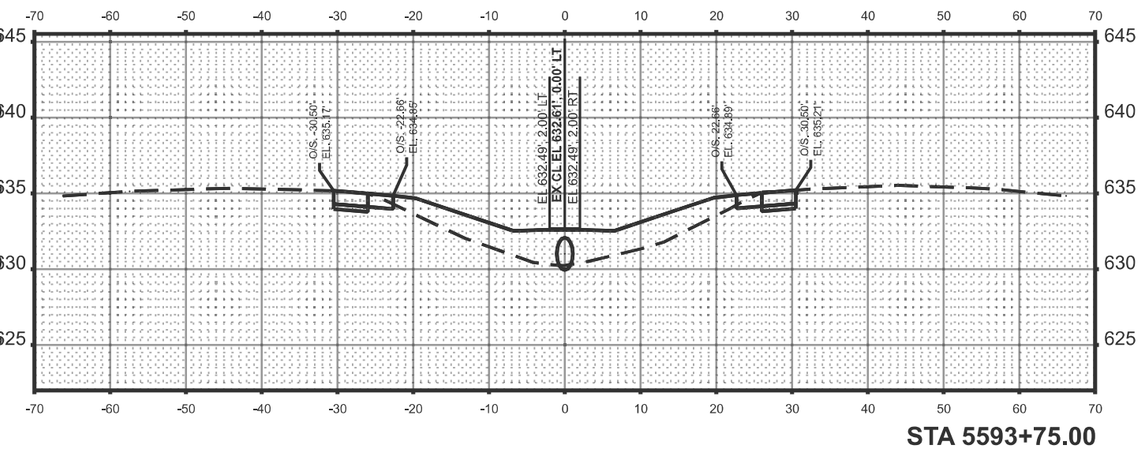

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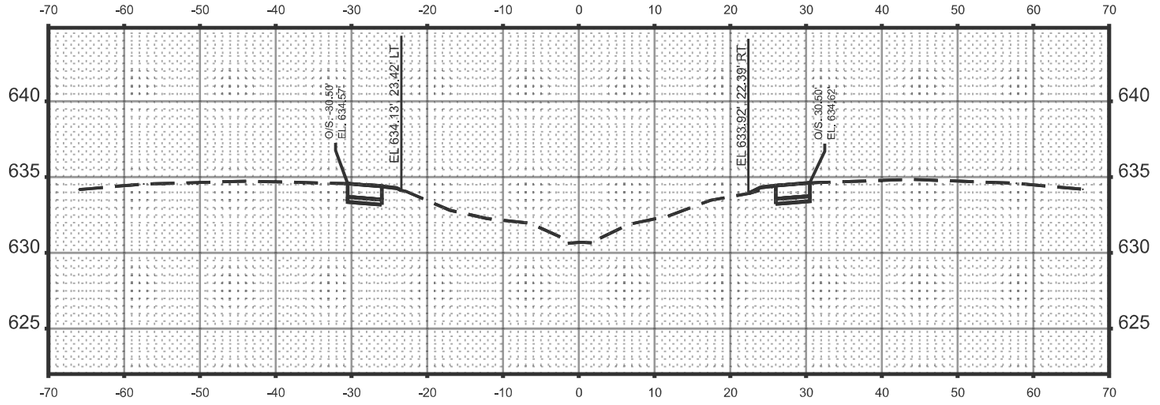
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 26 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	94
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



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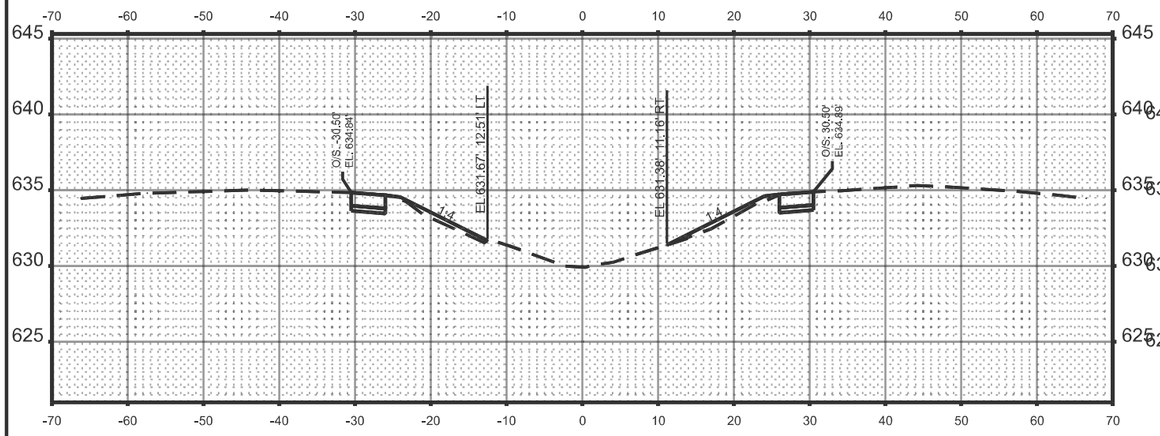

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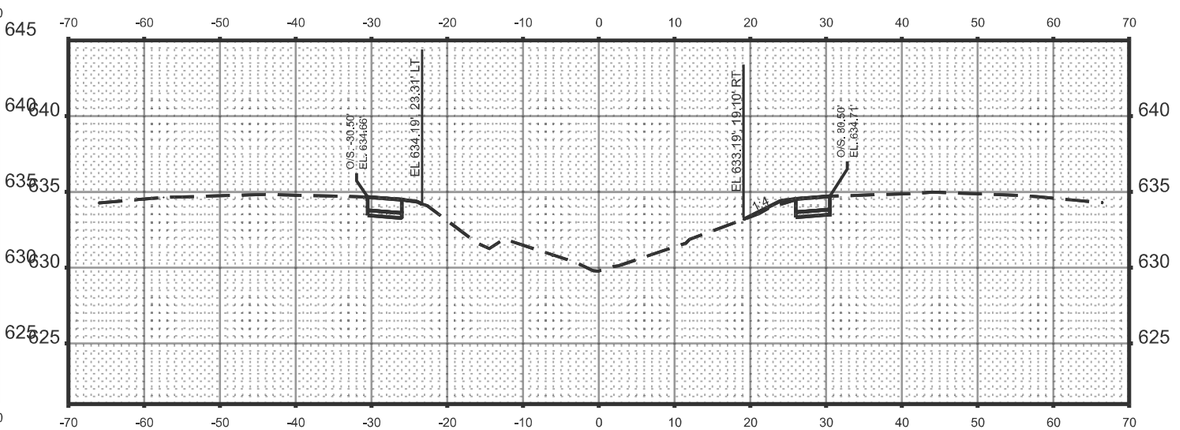

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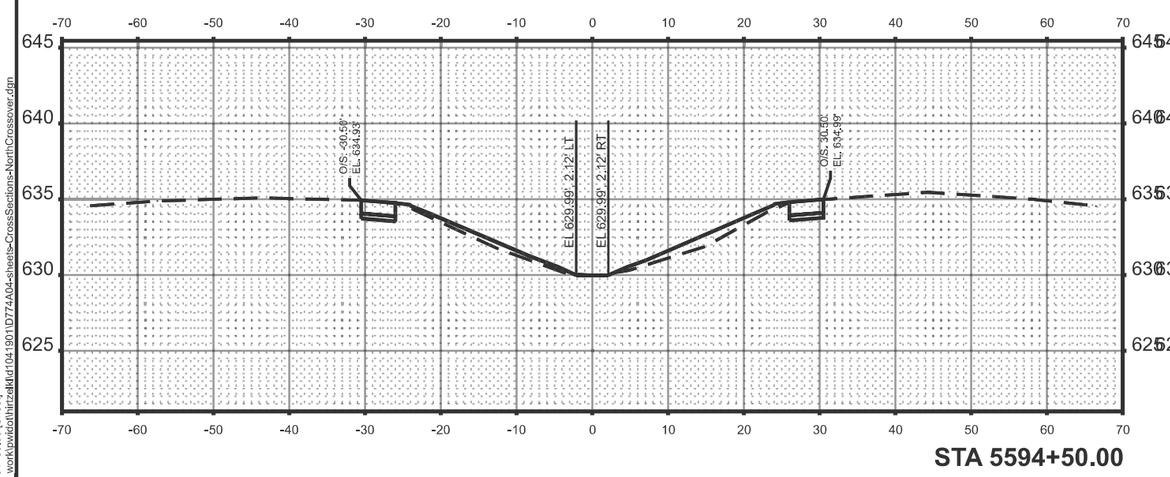

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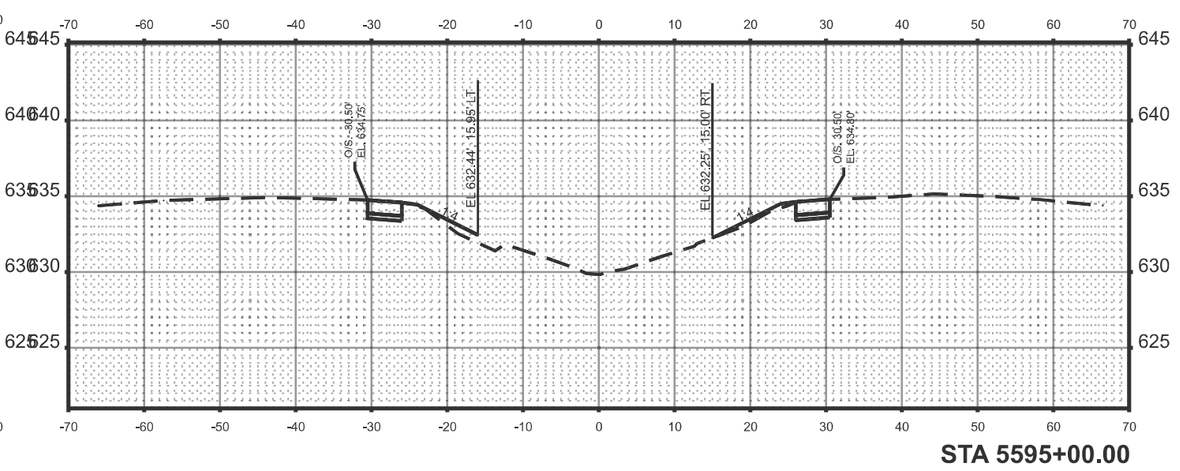

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MODEL: ExCL - 5594+50.00 [Sheet]
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USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	
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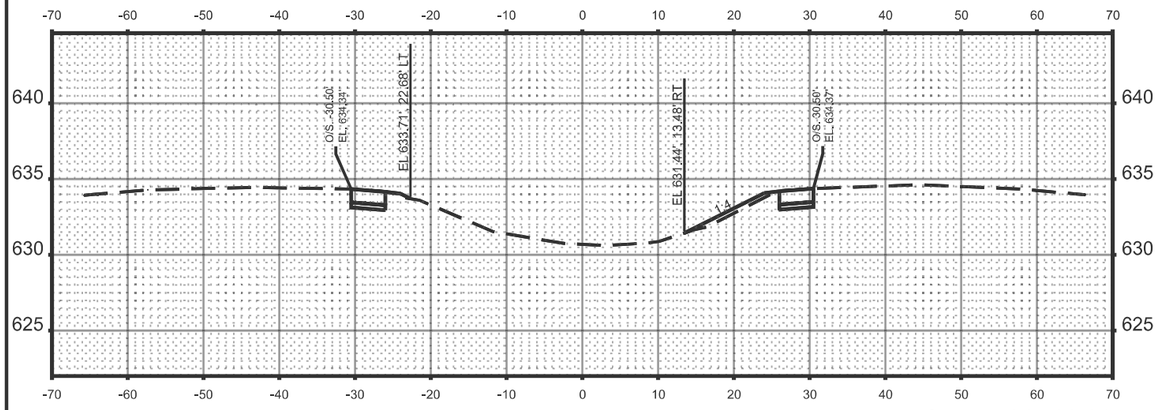
	CHECKED -	REVISED -	
PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

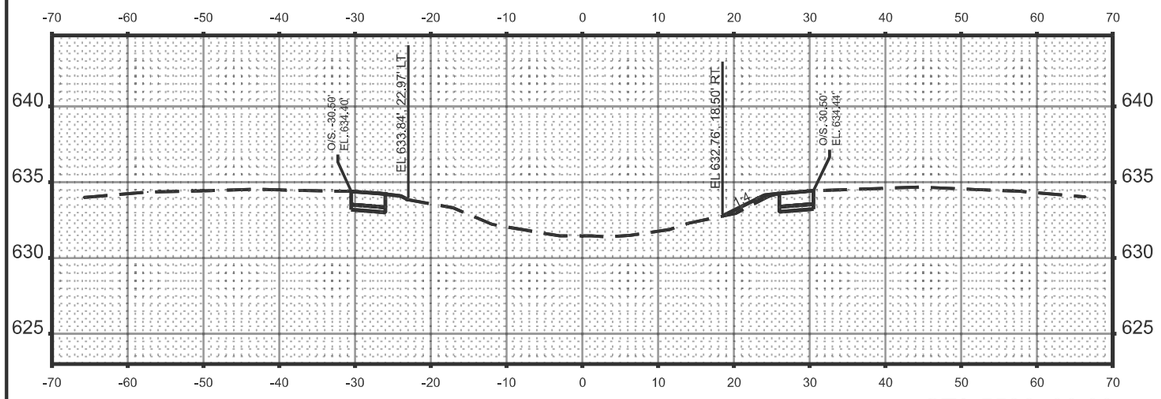
CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 27 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	95
		CONTRACT NO. 74A04		
	ILLINOIS FED. AID PROJECT			



STA 5596+16.99



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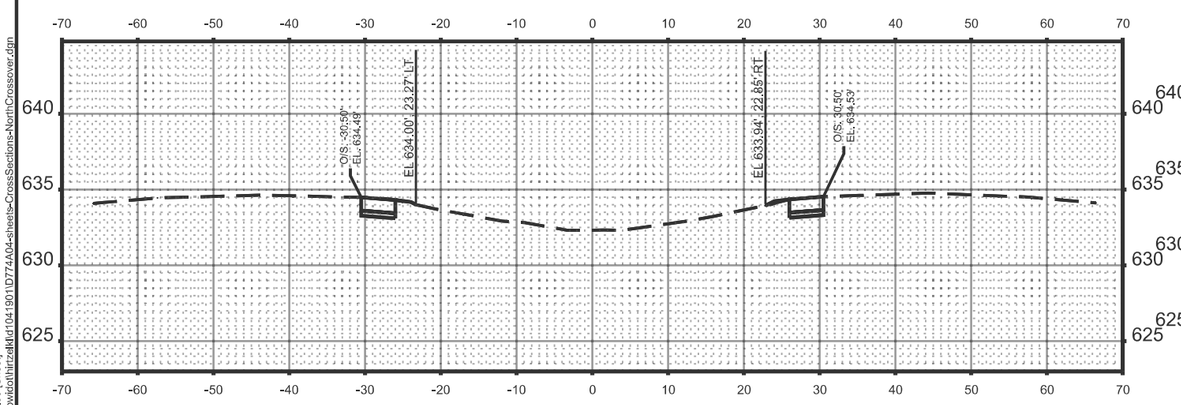

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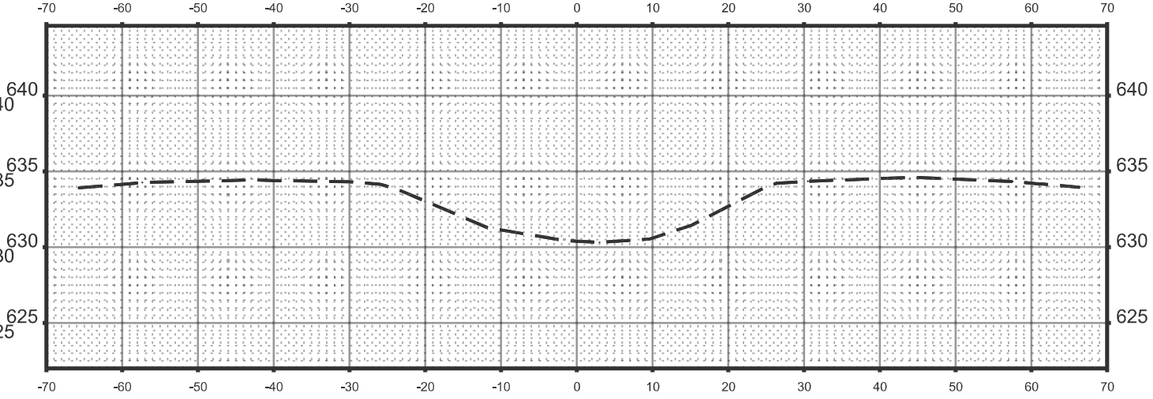

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PLOT DATE = 6/25/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH MEDIAN CROSSOVER

SCALE: 1"=10' | SHEET 28 OF 28 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	25-8BR (NORTHBOUND)	EFFINGHAM	96	96
		CONTRACT NO. 74A04		
	ILLINOIS	FED. AID PROJECT		