

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158*	1
		ILLINOIS	CONTRACT NO. 74650	

* 158 + 2 = 160 TOTAL SHEETS

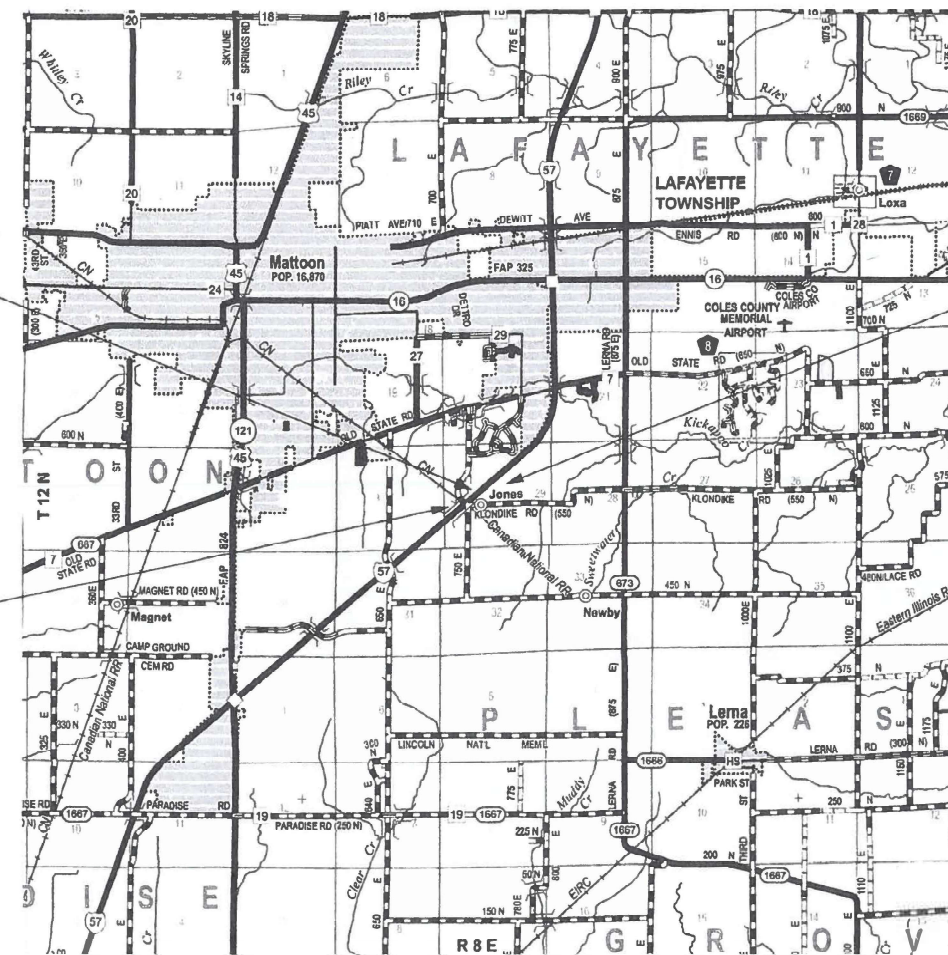
D-97-009-14

FOR INDEX OF SHEETS, SEE SHEET NO. 2
ADT = 10,400 SB
%TRUCKS = 43% SB
ADT = 9,800 NB
%TRUCKS = 41% NB

PROPOSED HIGHWAY PLANS

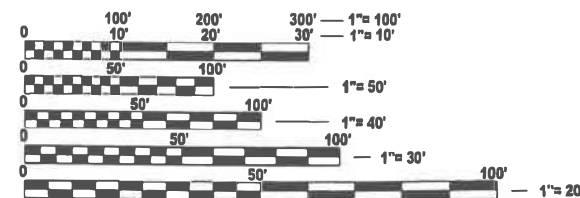
FAI ROUTE 57 (I-57)
SECTION (15-22VB)BR
PROJECT BR-7FG0(942)
BRIDGE RECONSTRUCTION
COLES COUNTY

C-97-017-14



LOCATION MAP
NOT TO SCALE

PROJECT LOCATION
I-57 OVER ICRR
@ JONES SWITCH



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: BENJAMIN DETERS
PROJECT MANAGER: DEAN BARBER

CONTRACT NO. 74650

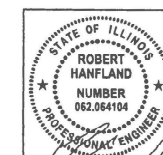
Clark Dietz
DESIGN FIRM REGISTRATION
No. 184-000460
126 WEST CHURCH STREET
CHAMPAIGN, IL 61820
PHONE: 217.373.8900
www.clarkdietz.com



GROSS LENGTH = 3,655' NB, 3,680' SB = 0.69 MI NB, 0.70 MI SB
NET LENGTH = 3,655' NB, 3,680' SB = 0.69 MI NB, 0.70 MI SB



PROFESSIONAL ENGINEER
CLARK DIETZ, INC.
DATE: 8/15/2025
LICENSE EXPIRES 11-30-25



ROBERT HANFLAND, PE
CIVIL DESIGN, INC.
STATE OF ILLINOIS NO. 062-06104
EXPIRES 11-30-2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 19 2025
Teresa C. Price, Regional Engineer

October 3 2025
S. E. A. E. T. S., Engineer of Design and Environment

October 3 2025
J. A. B. S., Director of Highways Project Implementation

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED ON FAI ROUTE 57 (I-57) OVER AN ILLINOIS CENTRAL RAILROAD SPUR AND CR550N/FAIRWAY LANE AT JONES SWITCH. THE WORK INCLUDES THE REMOVALAND REPLACEMENT OF THE EXISTING DECKS AND SUPERSTRUCTURES ON STRUCTURE NUMBERS 015-0003(SB) AND 015-0004(NB). THE SUBSTRUCTURES ON BOTH BRIDGES WILL BE WIDENED TO ACCOMODATE THE PROPOSED IMPROVEMENTS.

BOTH MEDIAN CROSSOVERS SHALL REMAIN IN PLACE AT THE COMPLETION OF THE WORK. THE CROSSOVERS SHALL BE CLOSED USING RECOVERABLE DELINEATORS.

CA-06 CRUSHED LIMESTONE WITH A MINIMUM IBR OF 80% SHALL BE USED FOR AGGREGATE BASE COURSE, TYPE B FOR THE MEDIAN CROSSOVERS.

RUMBLE STRIPS SHALL BE CONSTRUCTED ON ALL NEW SHOULDERS ON I-57. SHOULDER RUMBLE STRIPS SHALL BE CUT INTO THE CROSSOVER PAVEMENT AT THE SHOULDER LOCATIONS ON I-57 AFTER THE CROSSOVERS ARE TAKEN OUT OF SERVICE. SHOULDER RUMBLE STRIPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER FOOT, FOR SHOULDER RUMBLE STRIPS, 16 IN.

STAGED CONSTRUCTION, AND TEMPORARY CONCRETE BARRIER, WILL NOT BE ALLOWED BETWEEN DECEMBER 01 AND MARCH 01.

ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.

TEMPORARY TAPE SHALL BE USED FOR SHORT-TERM PAVEMENT MARKINGS ON FINISHED SURFACES SUCH AS THE BRIDGE DECK, APPROACH PAVEMENTS, AND THE HMA SURFACE COURSE. PAINT SHALL BE USED FOR SHORT-TERM PAVEMENT MARKINGS ON MILLED SURFACES.

PIPE DRAINS SHALL BE ATTACHED TO THE PIPE UNDERDRAINS FOR THE STRUCTURE AND SHALL EXTEND TO THE BOTTOM OF THE EMBANKMENT SLOPE. PIPE DRAINS SHALL BE TERMINATED WITH A PRECAST CONCRETE HEADWALL.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND SHALL BE CONSIDEREDAPPROXIMATE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR CAUSING UTILITIES TO BE FIELD MARKED BY CONTACTING J.U.L.I.E. AT 1-800-890-0123.

APPLICATION RATES

THE FOLLOWING APPLICATION RATES / CONVERSION FACTORS WERE USED IN CALCULATING THE PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQFT (ON MILLED SURFACES)
	0.025 LB/SQFT (ON HMA LIFTS)
RIP-RAP	1.485 TONS/CUYD
AGGREGATE COURSES & SHOULDERS	100 LB/SQYD*IN
HOT-MIX ASPHALT	112 LB/SQYD*IN

RAILROAD COORDINATION

THIS WORK IS LOCATED OVER A RAILROAD SPUR OWNED BY THE NEARBY GRAIN ELEVATOR - PRIMARY PRODUCTS GRAIN, A.K.A. PRIMIENT GRAIN. RAIL CAR DELIVERIES AND PICK-UPS ARE MADE BY ILLINOIS CENTRAL RAILROAD. PAUSES IN WORK MAY BE NECESSARY DURING CONSTRUCTION TO ALLOW FOR OCCASSIONAL RAIL CAR MOVEMENTS TO AND FROM THE GRAIN FACILITY. NOTICE OF APPROXIMATELY 3-4 DAYS WILL BE PROVIDED TO THE CONTRACTOR BY THE GRAIN COMPANY. SHOULD FLAGGERS BE NECESSARY FOR THESE MOVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR PROCUREMENT IN COORDINATION WITH PRIMARY PRODUCTS GRAIN. PAYMENT FOR THESE FLAGGERS SHALL BE REIMBURSED TO THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 109.05 OF THE STANDARD SPECIFATIONS. CONTACT INFORMATION FOR PRIMARY PRODUCTS GRAIN IS AS FOLLOWS:

BRANDON KNIGHT
PRIMARY PRODUCTS GRAIN
7278 E. CR 550N
MATTOON, IL 61938
217-872-9544

INDEX OF SHEETS

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94 - 158	CROSS-SECTION SHEETS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 158

STANDARD NO.	DESCRIPTION
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' (7.2 M) JOINTED PCC PAVEMENT
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
515001-04	NAMEPLATE FOR BRIDGES
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602301-04	INLET, TYPE A
602401-07	MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
610001-09	SHOULDER INLET WITH CURB
630001-13	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL SHOULDER
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL , TYPE 6
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
667101-02	PERMANENT SURVEY MARKERS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701416-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
830026-01	TEMPORARY ROADWAY LIGHTING

THE FOLLOWING MIXTURE REQUIREMENTS APPLY TO THIS PROJECT									
LOCATIONS	MIXTURE USES	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	N DESIGN	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE REQ'D?
MAINLINE / SHOULDER (TOP LIFT)	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX 'D', N90	SBS PG 70-22	4.0% @ N=90	IL-9.5	MIXTURE 'D'	N90	QC/QA	1000	NO
MAINLINE / SHOULDER (BOTTOM LIFTS)	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90	SBS PG 70-22	4.0% @ N=90	IL-9.5FG	N/A	N90	QC/QA	1000	NO
GUARDRAIL STABILIZATION	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL-19.0	N/A	N70	QC/QA	3000	NO

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ClarkDietz

DESIGN FIRM REGISTRATION
No. 184-000450

125 WEST CHURCH STREET
CHAMPAIGN, IL 61820
PHONE : 217.373.8900
www.clarkdietz.com

USER NAME = DBarber	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS
& LIST OF STANDARDS

SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	2
CONTRACT NO. 74650				
ILLINOIS		FED. AID PROJECT	NHPP-7FG0(942)	

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CIVIL DESIGN, INC.

WBE / DBE

EFFINGHAM, IL

LICENSE #184.003222

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	3
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	52	28	24
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18	
20200100	EARTH EXCAVATION	CU YD	1244	622	622
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1066	533	533
25100630	EROSION CONTROL BLANKET	SQ YD	168	126	42
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1000	500	500
28000305	TEMPORARY DITCH CHECKS	FOOT	40	20	20
28000500	INLET AND PIPE PROTECTION	EACH	8	4	4
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	899	440	459
35101400	AGGREGATE BASE COURSE, TYPE B	TON	7698	3875	3823
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	850	425	425
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2346	1207	1139
40600370	LONGITUDINAL JOINT SEALANT	FOOT	858	384	474
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	146	57	89
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	370	222	148

* SPECIALTY ITEM

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MODEL: SQ-Q2 [Sheet]
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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	4
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	346	173	173
42000515	PORTLAND CEMENT CONCRETE PAVEMENT 10 3/4"	SQ YD	5098	2552	2546
44000100	PAVEMENT REMOVAL	SQ YD	305	153	152
44004250	PAVED SHOULDER REMOVAL	SQ YD	7362	3631	3731
48101200	AGGREGATE SHOULDERS, TYPE B	TON	47	30	17
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	15	5	10
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	666	256	410
48203100	HOT-MIX ASPHALT SHOULDERS	TON	214	89	125
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	9190	4665	4525
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1
50102400	CONCRETE REMOVAL	CU YD	67.6	33.8	33.8
50104650	SLOPE WALL REMOVAL	SQ YD	1660	993	667
50157300	PROTECTIVE SHIELD	SQ YD	1338	892	446

* SPECIALTY ITEM

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MODEL: SQQ-3 [Sheet]
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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	5
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
50200100	STRUCTURE EXCAVATION	CU YD	784	392	392
50300225	CONCRETE STRUCTURES	CU YD	322.6	161.3	161.3
50300255	CONCRETE SUPERSTRUCTURE	CU YD	652.0	326.0	326.0
50300300	PROTECTIVE COAT	SQ YD	2852	1426	1426
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	234.2	117.1	117.1
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	0.5	0.5
50500505	STUD SHEAR CONNECTORS	EACH	15102	7551	7551
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	306190	153095	153095
51100100	SLOPE WALL 4 INCH	SQ YD	1760	880	880
51201400	FURNISHING STEEL PILES HP10X42	FOOT	1910	955	955
51202305	DRIVING PILES	FOOT	1910	955	955
51203400	TEST PILE STEEL HP10X42	EACH	4	2	2
51204650	PILE SHOES	EACH	30	15	15
51500100	NAME PLATES	EACH	2	1	1

* SPECIALTY ITEM

REV - MS

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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 4	OF 9 SHEETS	STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	6
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	48	24	24
52100520	ANCHOR BOLTS, 1"	EACH	120	60	60
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	66	33	33
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	1149	574	575
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	3	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		1
54246405	INLET BOX, STANDARD 542531	EACH	3	1	2
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	368	184	184
58700300	CONCRETE SEALER	SQ FT	1740	870	870
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	176	88	88
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	90	46	44
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	264	132	132
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	1	1

* SPECIALTY ITEM

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MODEL: SQQ-5 [Sheet]
FILE NAME: P:\6XXX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dietz\Work Order 2\CADD Data\Sheets\D74650-SQQ-sht.dgn



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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 5	OF 9 SHEETS	STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	7
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	2	2
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	2304	1376	928
61000050	CONCRETE THRUST BLOCKS	EACH	4	3	1
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	7	4	3
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3950	1962.5	1987.5
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	1	1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	3	3
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	2	2
63200310	GUARDRAIL REMOVAL	FOOT	3542	2008	1534
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	4474	2252	2222
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	5526	2708	2818
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1725	862	863
* 66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	15000	7500	7500

*SPECIALTY ITEM

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MODEL: SQQ-6 [Sheet]
FILE NAME: P:\6XXX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dietz\Work Order 2\CADDD Data\Sheet\0774650-SQQ-sht.dgn



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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	8
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	0.5	0.5
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	16	8	8
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1	
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
70107008	PAVEMENT MARKING BLACKOUT TAPE, 8"	FOOT	1000	500	500
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1192	596	596
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	731	365	366
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	20410	10170	10240
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	38400	17903	20497

*SPECIALTY ITEM

REV - MS

MODEL: SQQ-7 [Sheet]
FILE NAME: P:\6XX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dietz\Work Order 2\CADD Data\Sheet\0774650-SQQ-sht.dgn



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	9
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
70400100	TEMPORARY CONCRETE BARRIER	FOOT	5125	2800	2325
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	870	474	396
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	438	438	
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	175	87.5	87.5
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	1	1
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1	
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	4	4
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	20410	10170	10240
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	20410	10170	10240
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	22	10	12
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	43	22	21
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	22	10	12
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	17835	8517	9318

*SPECIALTY ITEM

REV - MS

MODEL: SQQ-8 [Sheet]
FILE NAME: P:\6XXX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dietz\Work Order 2\CADDD Data\Sheet\0774650-SQQ-sht.dgn



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	10
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE	BRIDGE
				0010	0010
				015-0003	015-0004
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2	1	1
X2600002	RECOVERABLE DELINEATORS	EACH	38	19	19
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2286	1023	1263
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2254	1127	1127
X5080530	BAR TERMINATORS	EACH	500	250	250
X6012005	PIPE DRAINS 12" (SPECIAL)	FOOT	286	213	73
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	3	2	1
X6050182	PLUG EXISTING DECK DRAINS	EACH	8	8	
X6050700	REMOVE INLET BOX	EACH	7	4	3
X7010118	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16	8	8
X7011854	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	10	5	5
X7011856	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	CAL MO	160	80	80
X7011860	REAL-TIME TRAFFIC CONTROL WARNING SIGN	CAL MO	80	40	40
X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2	1	1

* SPECIALTY ITEM

REV - MS

MODEL: SQQ-9 [Sheet]
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USER NAME = SBales	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

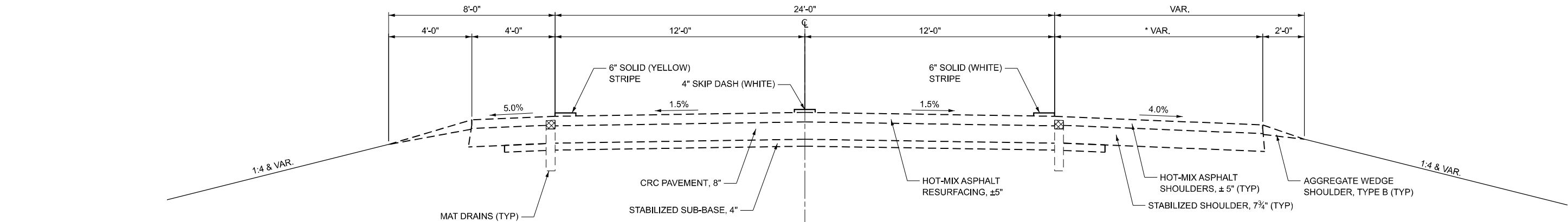
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	11
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	90% FED 10% STATE
				BRIDGE 0010	BRIDGE
					0010
				015-0003	015-0004
X7810400	TEMPORARY RAISED PAVEMENT MARKER	EACH	360	180	180
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1	0.5	0.5
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	72	36	36
Z0004552	APPROACH SLAB REMOVAL	SQ YD	214	107	107
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	752	752	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	200	200	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	150	150	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	2374	1187	1187
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5

* SPECIALTY ITEM

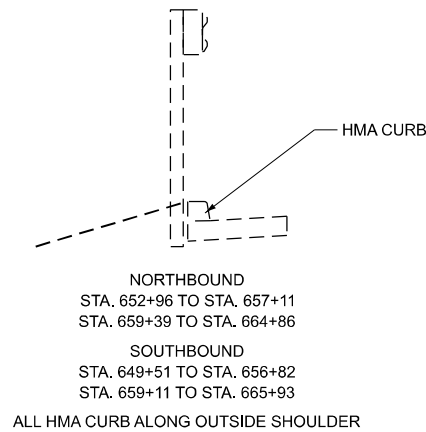
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MODEL: Existing Typical Sections (Sheet)
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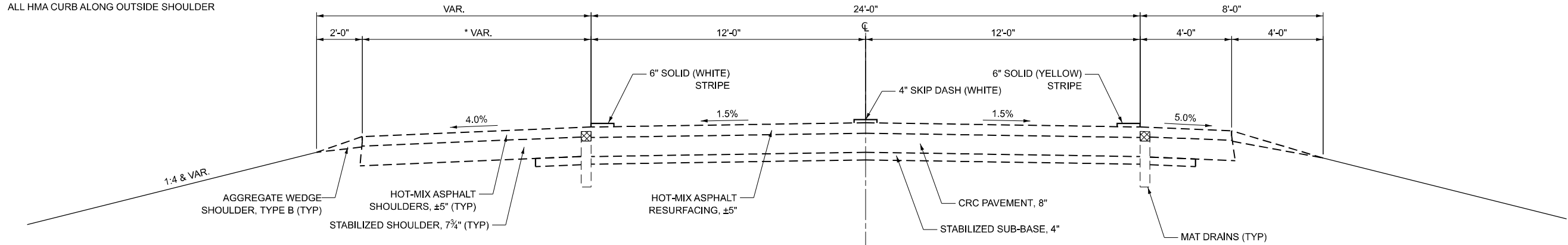


EXISTING TYPICAL CROSS SECTION

(NORTHBOUND)
STA. 639+00.00 TO STA. 657+15.91
STA. 659+25.25 TO STA. 677+00.00
* STA. 639+00.00 TO STA. 654+95.18 (10')
* STA. 654+95.18 (10') TO STA. 656+15.91 (6.5')
* STA. 659+25.25 (6') TO STA. 662+06.25 (10')



ALL HMA CURB ALONG OUTSIDE SHOULDER



EXISTING TYPICAL CROSS SECTION

(SOUTHBOUND)
STA. 639+00.00 TO STA. 656+95.31
STA. 659+04.65 TO STA. 677+00.00
* STA. 639+00.00 TO STA. 654+88.36 (10')
* STA. 654+88.36 (10') TO STA. 656+95.31 (6')
* STA. 659+04.65 (7') TO STA. 663+00.00 (10')



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS INTERSTATE 57			
SCALE: 1"=5'	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	12
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: Proposed Typical Sections [Sheet]
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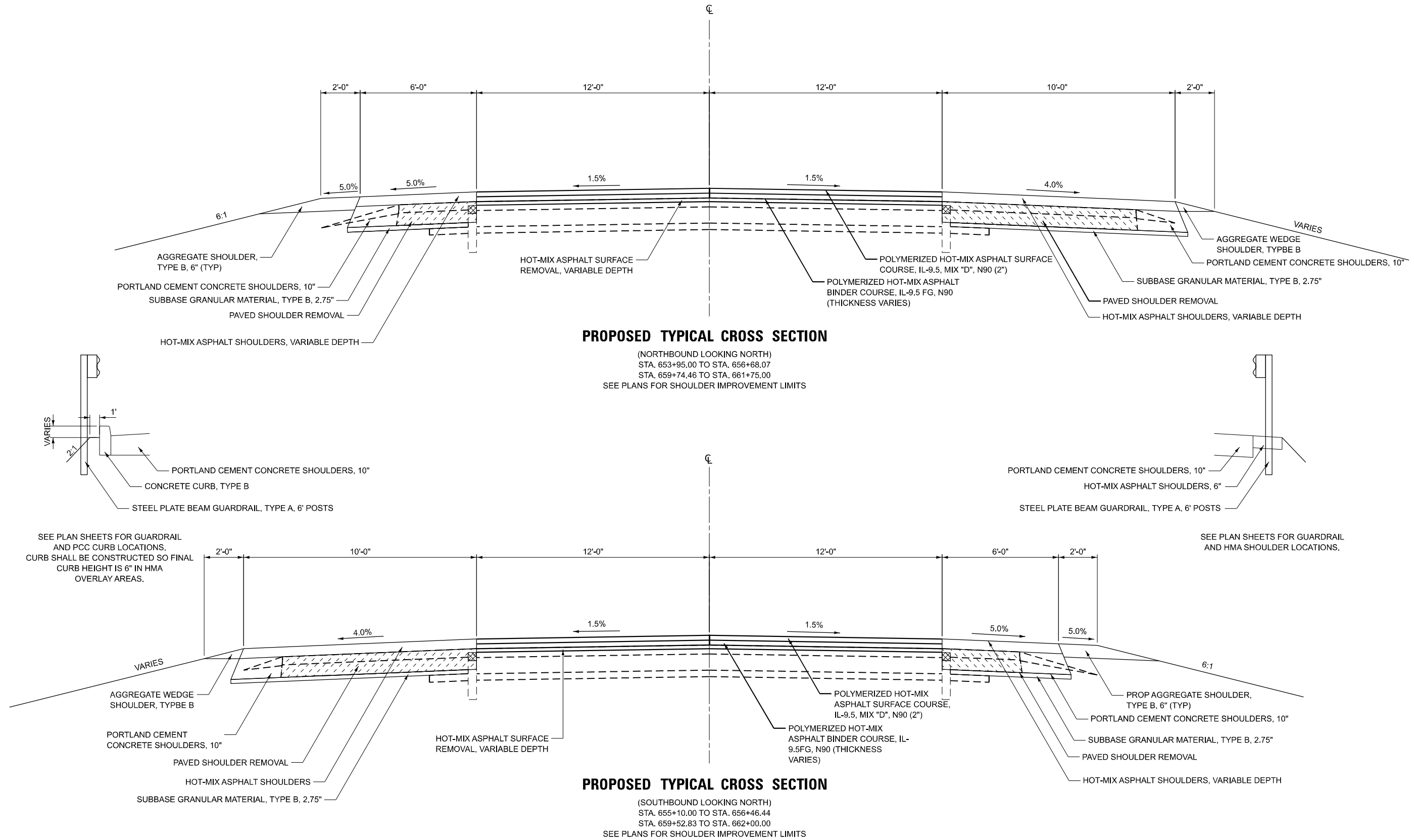
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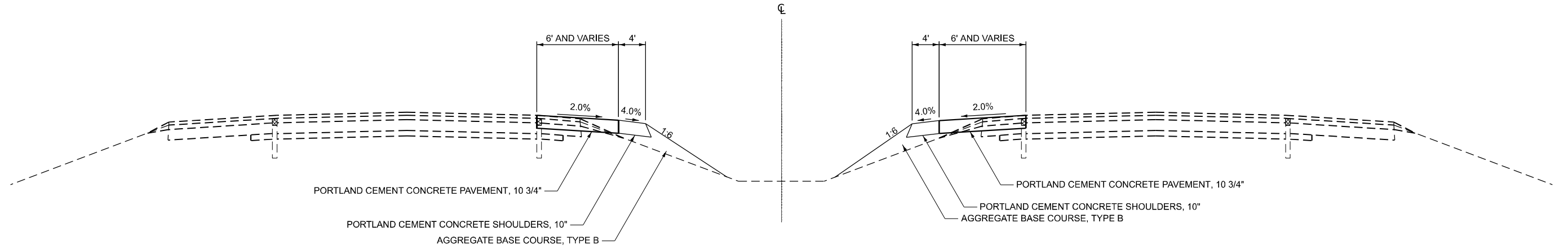
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
INTERSTATE 57

SCALE: 1"=5' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	13
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

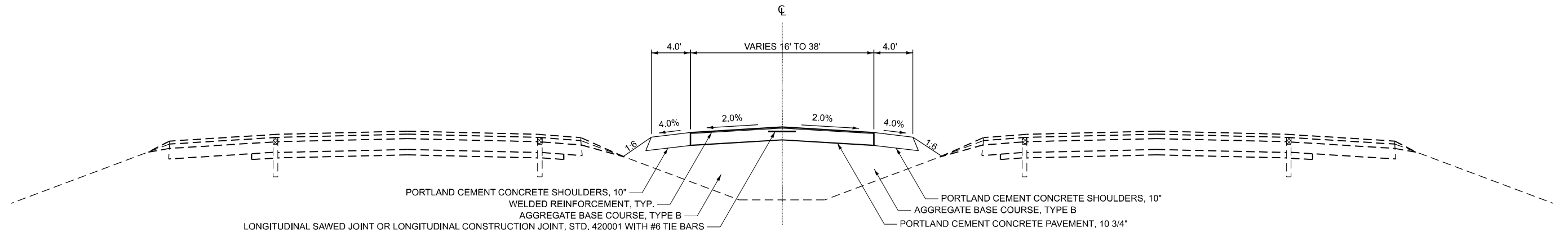




PROPOSED TYPICAL CROSSOVER CROSS SECTION

(I-57 MAINLINE LOOKING NORTH)

STA. 639+64.66 TO STA. 645+73.27
STA. 647+76.35 TO STA. 653+41.51
STA. 662+84.78 TO STA. 66876.79
STA. 670+49.87 TO STA. 676+60.00



PROPOSED TYPICAL CROSSOVER CROSS SECTION

(I-57 MAINLINE LOOKING NORTH)

STA. 645+73.27 TO STA. 647+46.35
STA. 668+76.79 TO STA. 670+49.87

MODEL: XOVER TYPICALS (Sheet)
FILE NAME: P:\6XXXX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarck Diez\Work Order 2\CADD Data\Sheet\0774650-typicals-sh1.dgn



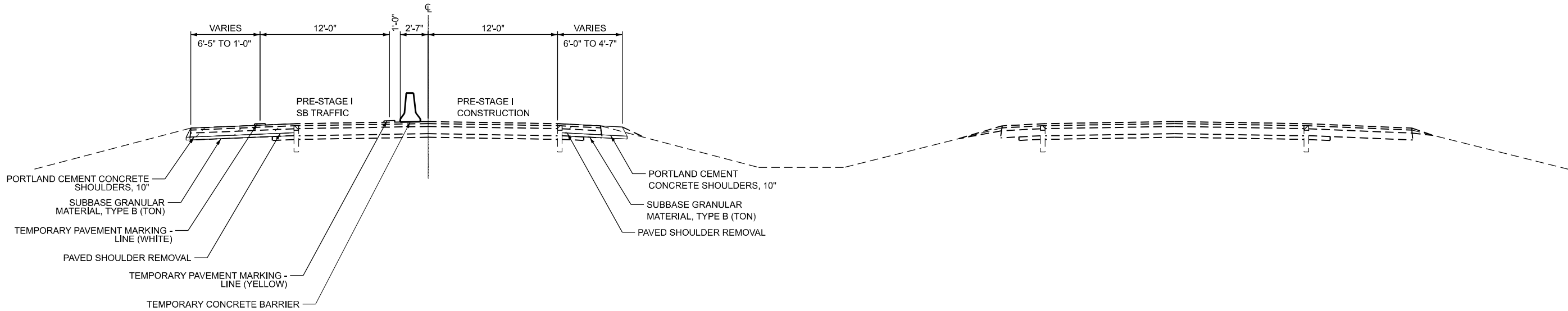
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		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER TYPICAL SECTIONS INTERSTATE 57

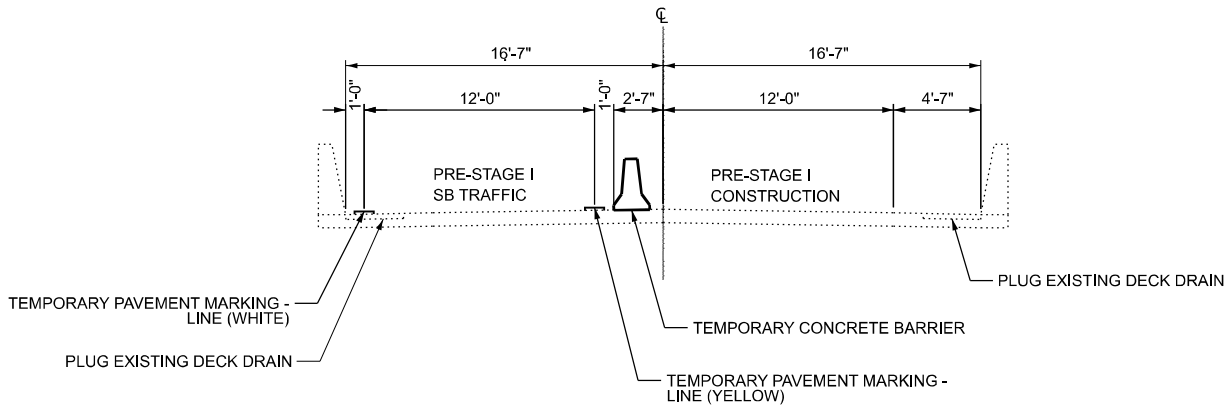
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	14
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



NOTES:
1. COMPLETE THE OUTSIDE SHOULDER REPLACEMENT IN ADVANCE OF PRE-STAGE I TRAFFIC. MATCH EXISTING WIDTH FROM EOP TO FACE OF EXISTING GUARDRAIL (WIDTH VARIES FROM 10'-0" TO 4'-7"). SEE ALSO MAINTENANCE OF TRAFFIC PLAN FOR PRE-STAGE I.
2. COMPLETE INSIDE SHOULDER REPLACEMENT IN ADVANCE OF PRE-STAGE II TRAFFIC. MAINTAIN 6'-0" MIN WIDTH, TRANSITION TO 4'-7" AT STRUCTURE. SEE ALSO MAINTENANCE OF TRAFFIC PLAN FOR PRE-STAGE II.

**I-57 PRE-STAGE I
(SBPL DECK PATCHING)**
LOOKING NORTH



**I-57 PRE-STAGE I
(SBPL DECK PATCHING)**
LOOKING NORTH

MODEL: PreStageTypical1 - Plan 1 [Sheet]
FILE NAME: P:\0870012_IDOT - PTB 208-36.D7\02\Design\CAD\Sheets\I-57\PreStageTypical1.dgn

ClarkDietz
DESIGN FIRM REGISTRATION
No. 194-00455

125 WEST CHURCH STREET
CHAMPAIGN, IL 61820
PHONE: 217-375-8800
www.clarkdietz.com

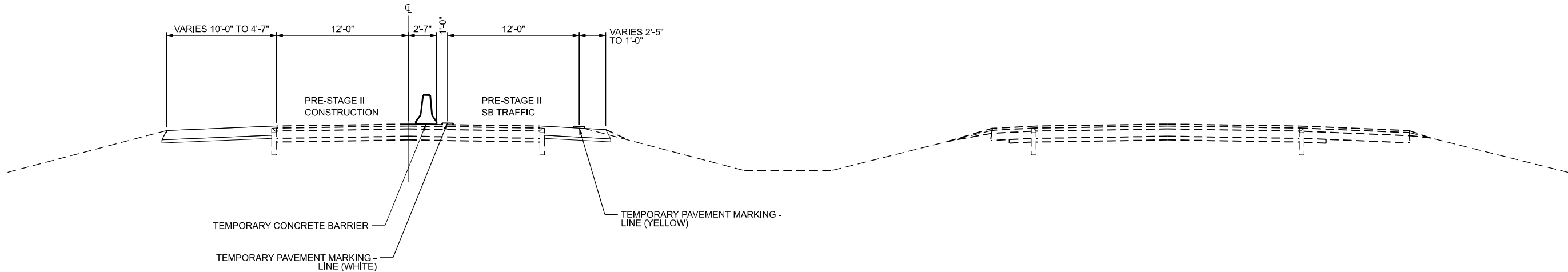
USER NAME = DBarber	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
PRE-STAGE I TRAFFIC**

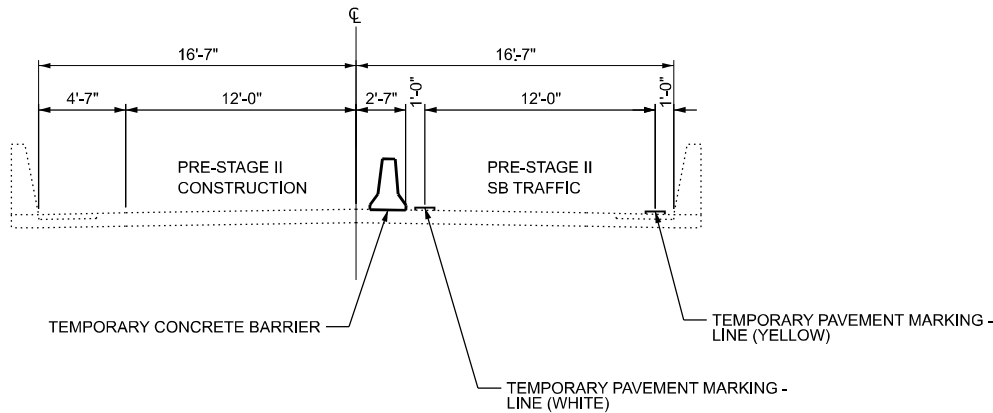
SCALE: 1" = 5' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	15
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT NHPP-7F(G)(942)				



NOTES:
1. COMPLETE THE OUTSIDE SHOULDER REPLACEMENT IN ADVANCE OF PRE-STAGE I TRAFFIC. MATCH EXISTING WIDTH FROM EOP TO FACE OF EXISTING GUARDRAIL (WIDTH VARIES FROM 10'-0" TO 4'-7"). SEE ALSO MAINTENANCE OF TRAFFIC PLAN FOR PRE-STAGE I.
2. COMPLETE INSIDE SHOULDER REPLACEMENT IN ADVANCE OF PRE-STAGE II TRAFFIC. MAINTAIN 6'-0" MIN WIDTH, TRANSITION TO 4'-7" AT STRUCTURE. SEE ALSO MAINTENANCE OF TRAFFIC PLAN FOR PRE-STAGE II.

**I-57 PRE-STAGE II
(SBDL DECK PATCHING)**
LOOKING NORTH



**I-57 PRE-STAGE II
(SBDL DECK PATCHING)**
LOOKING NORTH

MODEL: PreStageTypical2 - Plan 2 [Sheet]
FILE NAME: P:\0870012_IDOT - FTB 208-36.D7\02\Design\CAD\Sheets\I-57\PreStageTypical2.dgn

ClarkDietz
DESIGN FIRM REGISTRATION
No. 184-005450

125 WEST CHURCH STREET
CHAMPAIGN, IL 61820
PHONE: 217.273.8900
www.clarkdietz.com

USER NAME	= DBarber	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

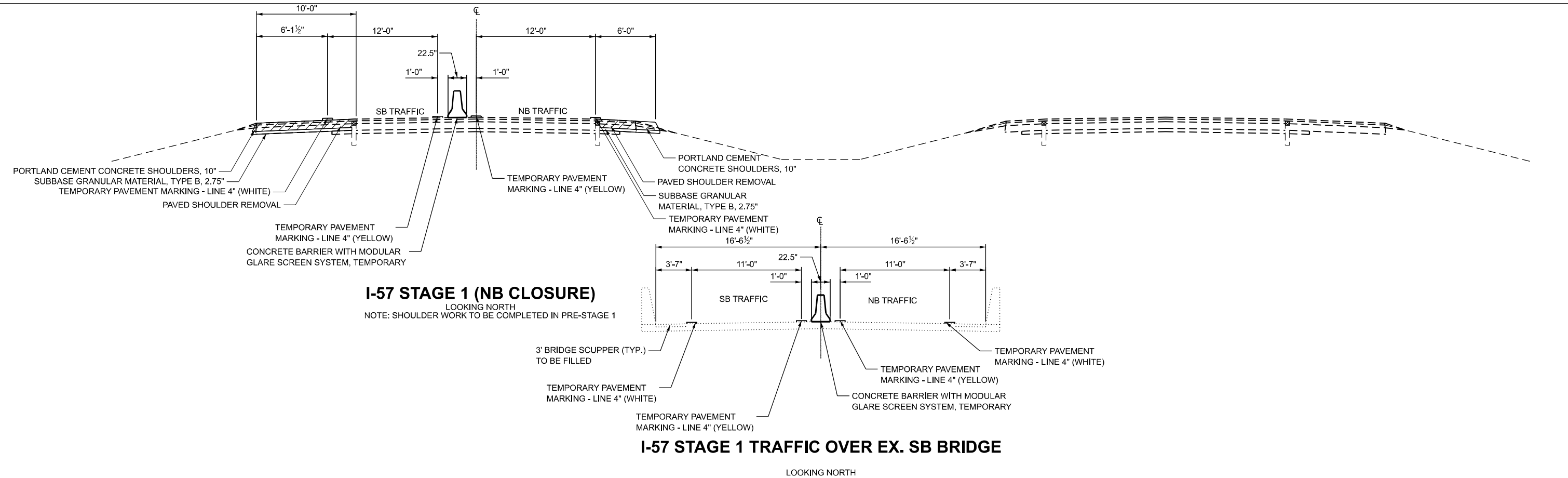
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
PRE-STAGE II TRAFFIC**

SCALE: 1" = 5' SHEET 5 OF 6 SHEETS STA. TO STA.

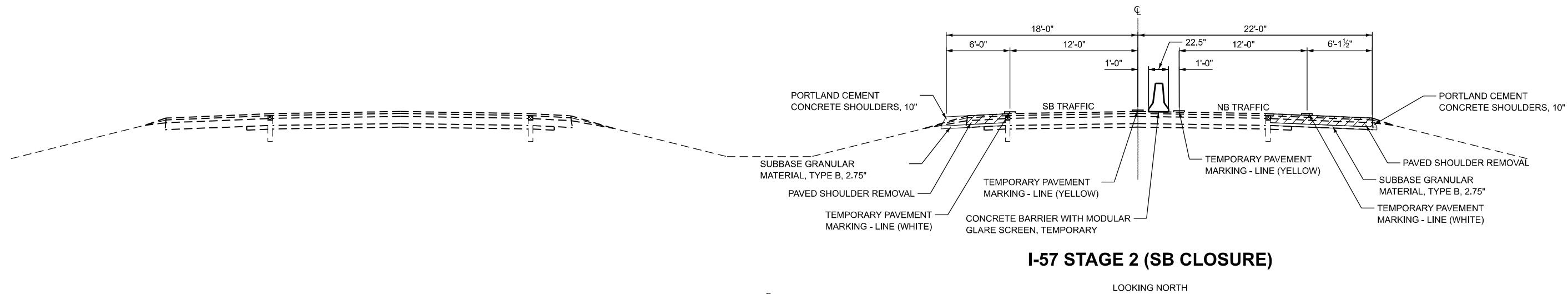
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	16
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT NHPP-7FG0(842)				

MODEL: STAGING TYP (Sheet)
FILE NAME: P:\6XXXX\64XX\65XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Diez\Work Order 2\CADDD Data\Sheet\0714650-staging_typicals-sh1.dgn



I-57 STAGE 1 TRAFFIC OVER EX. SB BRIDGE

LOOKING NORTH



I-57 STAGE 2 TRAFFIC OVER NB BRIDGE

LOOKING NORTH

 CIVIL DESIGN, INC. WBE DBE EFFINGHAM, IL LICENSE #184.003222	USER NAME = SBales	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS STAGE CONSTRUCTION				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						57	(15-22VB)BR	COLES	158	17
		CHECKED -	REVISED -		CONTRACT NO. 74650								
	PLOT DATE = 8/14/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET 6	OF 6 SHEETS	STA.	TO STA.				

MODEL - Schedules-1 [Sheet]
FILE NAME - P:\6XXXX\64XX-655XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Diez\Work Order 2\CADD Data\Sheets\D7\4650-Schedules-sht1.dgn

LOCATION							40600290
							BITUMINOUS MATERIALS (TACK COAT)
STATION	TO	STATION	LENGTH FOOT	WIDTH FOOT	AREA SQ FT	APP. RATE LB/SQFT	LBS
I-57 NB							
653+95.00		656+68.07	273.07	24	6553.7	0.05	327.7
659+74.46		661+75.00	200.54	24	4813.0	0.05	240.6
655+27.76		656+68.07	140.31	24	3367.4	0.025	84.2
659+74.46		660+55.74	81.28	24	1950.7	0.025	48.8
653+95.00		656+68.07	273.07	6	1638.4	0.05	81.9
653+95.00		656+68.07	273.07	10	2730.7	0.05	136.5
653+95.00		656+68.07	273.07	6	1638.4	0.05	81.9
653+95.00		656+68.07	273.07	10	2730.7	0.05	136.5
I-57 SB							
655+10.00		656+46.44	136.44	24	3274.6	0.05	163.7
659+52.83		662+00.00	247.17	24	5932.1	0.05	296.6
656+09.21		656+46.44	37.23	24	893.5	0.025	22.3
659+52.83		660+82.09	129.26	24	3102.2	0.025	77.6
655+10.00		656+46.44	136.44	6	818.6	0.05	40.9
655+10.00		656+46.44	136.44	10	1364.4	0.05	68.2
659+52.83		662+00.00	247.17	6	1483.0	0.05	74.2
659+52.83		662+00.00	247.17	10	2471.7	0.05	123.6
TOTAL							2005.3
USE							2006

* SEE BRIDGE REPAIR PLANS FOR ADDITIONAL TACK COAT

LOCATION					42000080
					PCC PAVEMENT CONNECTOR FOR BRIDGE APPROACH SLAB
STATION	TO	STATION	LENGTH FOOT	WIDTH FOOT	SQ YD
I-57 NB					
656+68.07		656+87.52	19.45	40	86.4
659+55.02		659+74.46	19.44	40	86.4
I-57 SB					
656+46.44		656+65.89	19.445	40	86.4
659+33.38		659+52.83	19.45	40	86.4
TOTAL					345.6
USE					346.0

LOCATION				70107008	
				PAVEMENT MARKING BLACKOUT TAPE, 8"	COMMENT
I-57	STATION	TO	STATION	LENGTH (FT)	
STAGE 1					
NB	621+10.00		631+10.00	250	SKIP DASH
SB	707+14.00		717+14.00	250	SKIP DASH
STAGE 2					
SB	609+50.00		619+50.00	250	SKIP DASH
NB	685+00.00		695+00.00	250	SKIP DASH
TOTAL				1000	

LOCATION		42000515
		PCC PAVEMENT 10 3/4"
		SQ YD
SOUTH CROSSOVER		2552
NORTH CROSSOVER		2546
TOTAL		5098

RAISED REFLECTIVE PAVEMENT MARKERS					
LOCATION		STATION	TO	STATION	78100100
					RAISED REFLECTIVE PAVEMENT MARKER
					FEET
I-57 NB		653+95		656+68	6
I-57 NB		659+75		661+75	6
I-57 SB		655+10		656+46	4
I-57 SB		659+53		662+00	6
TOTAL					22
					22

LOCATION							AVG BINDER COURSE THICKNESS	40603219
								POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90
STATION	TO	STATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD	APP. RATE LBS/SQYD/IN	INCH	TON
I-57 NB								
655+27.76		656+68.07	140.31	24	374.2	112	3.0	62.9
659+74.46		660+55.74	81.28	24	216.7	112	2.1	25.5
I-57 SB								
656+09.21		656+46.44	37.23	24	99.3	112	2.0	11.1
659+52.83		660+82.09	129.26	24	344.7	112	2.4	46.3
TOTAL								145.8
USE								146

LOCATION							AVG SURFACE COURSE THICKNESS	40604164
								HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90
STATION	TO	STATION	LENGTH	WIDTH	AREA	APP. RATE		
			FOOT	FOOT	SQ YD	LBS/SQYD/IN	INCH	TON
I-57 NB								
653+95.00		656+68.07	273.07	24	728.2	112	2.01	81.9
659+74.46		661+75.00	200.54	24	534.8	112	2.20	65.9
I-57 SB								
655+10.00		656+46.44	136.44	24	363.8	112	2.05	41.9
659+52.83		662+00.00	247.17	24	659.1	112	2.86	105.5
							TOTAL*	295.2
							USE	296

*SEE BRIDGE REPAIR PLANS FOR ADDITIONAL HMA SURFACE COURSE

PAVEMENT MARKINGS

LOCATION	STATION	TO	STATION	78004630		78011035	70300241		COMMENT
				PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"		GROOVING FOR RECESSED PAVEMENT MARKING 7"	TEMPORARY PAVEMENT MARKING - LINE 6" PAINT		
				YELLOW (FT)	WHITE (FT)	FT	YELLOW (FT)	WHITE (FT)	
I-57 NB	631+10		676+60	4550	4550	9100	4550	4550	EDGE LINES
I-57 NB	631+10		676+60		1140	1140		1140	SKIP DASH
I-57 SB	639+80		685+00	4520	4520	9040	4520	4520	EDGE LINES
I-57 SB	639+80		685+00		1130	1130		1130	SKIP DASH
SUBTOTAL				9070	11340	20410	9070	11340	
TOTAL				20410		20410	20410		

SHORT TERM PAVEMENT MARKING						
LOCATION	STATION	TO	STATION	70300100	70300150	COMMENT
				SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	
				FEET	SQ FT	
I-57 NB	631+10		676+60	184	61.3	EDGE LINES
I-57 NB	631+10		676+60	412	137.3	SKIP DASH
I-57 SB	639+80		685+00	184	61.3	EDGE LINES
I-57 SB	639+80		685+00	412	137.3	SKIP DASH
TOTAL				1192.0	397.2	
USE				1192	397	

LOCATION		STATION	TO	STATION	X7810400	
					TEMPORARY RAISED PAVEMENT MARKER	
					EACH (WHITE)	EACH (YELLOW)
SOUTH CROSSOVER (STAGE 1)		641+10		652+10	45	45
NORTH CROSSOVER (STAGE 1)		664+13		675+13	45	45
SOUTH CROSSOVER (STAGE 2)		641+10		652+10	45	45
NORTH CROSSOVER (STAGE 2)		664+13		675+13	45	45
TOTAL					360	

20004552 APPROACH SLAB REMOVAL			
LOCATION		STATION	SQ YD
I-57 NB			
656+96		657+16	53.3
659+25		659+45	53.3
656+75		656+95	53.3
659+05		659+25	53.3
TOTAL			213.2
USE			214

44000100 PAVEMENT REMOVAL			
LOCATION		STATION	SQ YD
I-57 NB			
656+68		656+96	74.2
649+45		659+75	77.9
656+47		656+75	77.0
659+25		659+53	75.1
TOTAL			304.2
USE			305

LOCATION			40600370
			LONGITUDINAL JOINT SEALANT
STATION	TO	STATION	FOOT
I-57 NB			
653+95.00		656+68.07	273.1
659+74.46		661+75.00	200.5
I-57 SB			
655+10.00		656+46.44	136.4
659+52.83		662+00.00	247.2
TOTAL			857.2
USE			858



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	18
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: Schedules-2 [Sheet]
FILE NAME: P:\6XXXX\642XX-655XX\6424 - IDOT P1B 208-036 D7 VV_ClarK Diez\Work Order 2\CADDD Data\Sheets\07\4650-Schedules-sh1.dgn

44004250 PAVED SHOULDER REMOVAL					
LOCATION				SQ YD	COMMENT
STATION	TO	STATION	SIDE		
I-57 NB					
645+50		653+95	RT	938.9	
653+95		657+00	RT	240.6	
659+49		661+75	RT	185.8	
661+75		672+00	RT	1138.9	
639+65		645+25	LT	249.1	FOR CROSS OVERS
647+93		653+42	LT	243.8	FOR CROSS OVERS
653+85		656+94	LT	147.6	
659+41		661+75	LT	109.2	
662+85		668+30	LT	242.2	FOR CROSS OVERS
670+94		676+22	LT	234.5	FOR CROSS OVERS
I57 SB					
653+34		655+10	RT	78.0	
655+10		656+80	RT	79.3	
659+27		662+00	RT	121.3	
662+00		662+90	RT	40.1	
639+80		645+33	RT	245.9	FOR CROSSOVERS
647+90		653+34	RT	241.9	FOR CROSSOVERS
662+90		668+36	RT	242.3	FOR CROSSOVERS
670+94		676+60	RT	251.7	FOR CROSSOVERS
646+00		654+70	LT	966.7	
654+70		656+75	LT	170.8	
659+22		662+00	LT	253.3	
662+00		669+65	LT	850.0	
656+46		656+95	LT	54.0	REM SHLDR PLACED IN PRE-STAGE 1
656+46		657+00	RT	35.7	REM SHLDR PLACED IN PRE-STAGE 1
TOTAL				7361.6	
USE				7362	

Z0001495 BRIDGE APPROACH SHOULDER REMOVAL					
LOCATION				SQ YD	COMMENT
STATION	TO	STATION	SIDE		
I-57 NB					
656+94		657+14	LT	8.9	
657+00		657+20	RT	8.9	
659+29		659+49	RT	8.9	
659+21		659+41	LT	8.9	
656+80		657+00	RT	8.9	
656+75		656+95	LT	8.9	
659+02		659+22	LT	8.9	
659+07		659+27	RT	8.9	
TOTAL				71.2	
USE				72	

LOCATION		28000305
		TEMPORARY DITCH CHECKS
STATION	LT/RT	FEET
676+60	-	40
TOTAL		40

LOCATION		20200100	50200100	EARTH EX ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH EX BALANCE	35101400
		EARTH EXCAVATION (CUT)	STRUCTURE EXCAVATION			WASTE (+) OR SHORTAGE (-)	AGG BASE COURSE, TYPE B
STATION	TO	STATION		CU YARD	CU YD	CU YARD	TON
639+50.00		BRIDGE		667		501	242
		BRIDGE				588	3823
BRIDGE		677+00.00		577		433	177
TOTAL				1244		1522	7698
* SEE BRIDGE PLANS FOR ADDITIONAL AGG BASE COURSE QUANTITY							

LOCATION					78300202	COMMENT
					PAVEMENT MARKING REMOVAL - WATER BLASTING	
	STATION	TO	STATION	LT/RT	SQ FT	
STAGE 1						
I-57 NB	639+65		644+85	LT	260.0	EDGE LINE (NB TRAFFIC)
I-57 SB	648+30		653+35	RT	252.5	EDGE LINE (NB TRAFFIC)
I-57 SB	651+00		656+46		68.3	SKIP DASH (NB TRAFFIC)
I-57 SB	656+46		659+53	RT	153.5	EDGE LINE (NB TRAFFIC)
I-57 SB	659+53		664+13		57.5	SKIP DASH (NB TRAFFIC) AS DIRECTED BY ENGINEER
I-57 SB	662+93		667+95	RT	251.0	EDGE LINE (NB TRAFFIC)
I-57 NB	671+34		676+22	LT	244.0	EDGE LINE (NB TRAFFIC)
I-57 SB	645+17		669+15	LT	1199.0	EDGE LINE (SB TRAFFIC)
					6832.3	REMOVING TEMP TAPE USED IN STAGE 1 TRAFFIC CONTROL. SEE TEMPORARY PAVEMENT MARKING SCHEDULE
STAGE 2						
I-57 NB	645+85		671+41	RT	1278.0	EDGE LINE (NB TRAFFIC)
I-57 SB	639+80		644+92	RT	256.0	EDGE LINE (SB TRAFFIC)
I-57 NB	648+33		653+42	LT	254.5	EDGE LINE (SB TRAFFIC)
I-57 NB	648+00		666+00	LT	225.0	SKIP DASH (SB TRAFFIC) AS DIRECTED BY ENGINEER
I-57 NB	662+85		667+90	LT	252.5	EDGE LINE (SB TRAFFIC)
I-57 SB	671+34		677+00	RT	283.0	EDGE LINE (SB TRAFFIC)
					5967.7	REMOVING TEMP TAPE USED IN STAGE 1 TRAFFIC CONTROL. SEE TEMPORARY PAVEMENT MARKING SCHEDULE
TOTAL					17834.8	
USE					17835.0	

LOCATION					X4401198
					HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
STATION	TO	STATION	LENGTH	WIDTH	SQ YD
			FOOT	FOOT	
I-57 NB					
653+95.00		656+68.07	273.07	24	728.2
659+74.46		661+75.00	200.54	24	534.8
I-57 SB					
655+10.00		656+46.44	136.44	24	363.8
659+52.83		662+00.00	247.17	24	659.1
TOTAL					2285.9
USE					2286

LOCATION		28000500
		INLET AND PIPE PROTECTION
STATION	LT/RT	UNITS (EA)
643+50	-	1
645+00	-	1
646+60	LT	1
646+60	RT	1
649+50	-	1
666+00	-	1
669+63	LT	1
669+63	RT	1
TOTAL		8

LOCATION		25100630
		EROSION CONTROL BLANKET
STATION	LT/RT	SQ YD
I-57 SB		
653+77	LT	42
662+40	LT	42
665+88	LT	42
I-57 NB		
662+00	RT	42
TOTAL		168

SEEDING SCHEDULE					
LOCATION			X2501000	21101505	28000250
			SEEDING, CLASS 2 (SPECIAL)	TOPSOIL EXCAVATION AND PLACEMENT	TEMPORARY EROSION CONTROL SEEDING
STATION	TO	STATION	ACRE	EACH	POUND
I-57 SB					
655+10		662+00	0.09	47.9	45.0
I-57 NB					
953+95		661+75	0.20	106.0	99.0
I-57 SB					
S XOVER					
639+65		653+42	0.84	449.7	419.0
N XOVER					
662+85		676+60	0.86	462.4	430.0
TOTAL			1.99	1066.0	993.0
USE			2	1066	1000

LOCATION	54246405	54213669	60218300	60263000
	INLET BOX TYPE 24 G	PRC FLARED END SECTION, 24"	MANHOLES, TYPE A, 4'-DIA, TYPE 1 FRAME, OPEN LID	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID
	UNITS (EA)		UNITS (EA)	UNITS (EA)
STA. 644+81.20	1			
STA. 644+99.18				1
STA. 646+56.71			1	
STA. 648+18.72	1			
STA. 668+10.49	1			
STA. 669+63.33			1	
STA. 671+21.34		1		
TOTAL	3	1	2	1

MODEL: Schedules-3 [Sheet]
FILE NAME: P:\6XXXX\6424-1\DOT P1B 208-036 D7 VV_ClarK Diez\Work Order 2\CADD Data\Sheets\07\4650-Schedules-sht1.dgn

PIPE DRAINS						
LOCATION		X6012005	X6050700	61000225	61000050	54213657
		PIPE DRAINS, 12" SPECIAL	REMOVE INLET BOX	TYPE F INLET BOX, STANDARD 610001	CONCRETE THRUST BLOCKS	PRC FLARED END SECTIONS, 12"
STATION	SIDE	FOOT	EACH	EACH	EACH	EACH
I-57 SB						
649+57	LT		1	1		
653+77	LT	70	1	1	1	1
662+40	LT	70	1	1	1	1
665+88	LT	73	1	1	1	1
I-57 NB						
653+00	RT		1	1		
662+00	RT	73	1	1	1	1
664+86	RT		1	1		
TOTAL		286	7	7	4	4

TEMPORARY GUARDRAIL SCHEDULE								
LOCATION				70500100	X7050167	72501000	70500665	78200005
				TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A
STATION	TO	STATION	SIDE	FOOT	EACH	EACH	EACH	EACH
I-57 NB								
659+35		660+92	LT	87.50	1	1	1	4
I-57 SB								
655+33		656+90	RT	87.50	1	1	1	4
TOTAL				175	2	2	2	8

TEMPORARY CONCRETE BARRIER								
LOCATION			70400100	70400125	70400200	70600251	70600352	63800920
			TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPOARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE,NARROW), TEST LEVEL 3	MODULAR GLARE SCREEN SYSTEM, TEMPORARY
STATION	TO	SIDE	FEET	EACH	FEET	EACH	EACH	FEET
I-57 SB PRESTAGE I								
656+67.50		661+05.00	437.5	66		1		
I-57 SB PRESTAGE II								
656+67.50		661+05.00		66	437.5		1	
I-57 SB STAGE 1								
646+12.00		669+34.00	2325.0	396				2222.0
I-57 NB STAGE 2								
646+89.00		670+41.00	2362.5	342				2252.0
TOTAL			5125.0	870	437.5	1	1	4474
USE			5125	870	438	1	1	4474

LOCATION	STATION	TO	STATION	X2600002
				RECOVERABLE DELINEATORS
				EACH (CRYSTAL)
SOUTH CROSSOVER (STAGE 1)	645+65		647+55	19
NORTH CROSSOVER (STAGE 2)	668+68		670+58	19
TOTAL				38

LOCATION			542A0220	60236200
			15 " PIPE CULVERTS	INLET TYPE A, TYPE 8 GRATE
STATION	OFFSET	LT/RT	LENGTH (FT)	UNITS (EA)
SOUTH CROSS OVER (I-57)				
STA. 646+59.81	18.618	LT	16.40	1
STA. 646+59.81	19.022	RT	17.09	1
NORTH CROSS OVER (I-57)				
STA. 669+63.33	18.344	LT	16.40	1
STA. 669+63.33	18.554	RT	16.05	1
TOTAL			66	4

UNDERDRAINS				
LOCATION		60108100	60100060	X6015000
		PIPE UNDERDRAINS 4" (SPECIAL)	CONCRETE HEADWALLS FOR PIPE DRAINS	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS
STATION	SIDE	FOOT	EACH	EACH
I-57 SB				
644+00	RT	5	1	1
675+00	RT	41		1
I-57 NB				
675+00	LT	44		1
TOTAL		90	1	3

GUARDRAIL SCHEDULE									
LOCATION				63000001	63100167	72501000	63100045	63100085	78200005
				STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A
STATION	TO	STATION	SIDE	FOOT	EACH	EACH	EACH	EACH	EACH
I-57 NB									
645+94		657+07	RT	1025.00	1	1		1	7
659+44		667+20	RT	737.50		1	1	1	6
653+85		656+98	LT	225.00	1	1		1	4
I-57 SB									
648+50		656+76	LT	775.00		1	1	1	7
659+13		669+64	LT	962.50	1	1		1	7
659+23		662+36	RT	225.00	1	1		1	4
TOTAL				3950	4	6	2	6	35

LOCATION					542A0229
					24" PIPE CULVERTS
START STATION	OFFSET	TO	END STATION	OFFSET	LENGTH (FT)
SOUTH CROSS OVER					
643+69.81	0' LT	TO	644+97.68	0' LT	127.9
645+00.68	0' LT	TO	646+55.81	0' LT	155.1
646+60.81	0' LT	TO	649+30.17	0' LT	269.4
NORTH CROSS OVER					
666+19.83	0' LT	TO	669+60.33	0' LT	340.5
669+64.33	0' LT	TO	672+20.17	0.82' LT	255.8
TOTAL					1149

LOCATION	STATION	TO	STATION	70307120		COMMENT
				TEMP. PAVEMENT MARKING LINE 4" TYPE IV TAPE (WHITE)	TEMP. PAVEMENT MARKING LINE 4" TYPE IV TAPE (YELLOW)	
				LENGTH (FT)	LENGTH (FT)	
STAGE 1						
I-57 NB	621+10		631+10	1000		NB TRAFFIC
I-57 NB	631+10		642+33	1123	1123	NB TRAFFIC
CROSSOVER	642+33		652+06	1448	1448	NB TRAFFIC
I-57 SB	645+07		646+07	100		SB TRAFFIC
I-57 SB	646+07		669+15	2308	2308	SB TRAFFIC
I-57 SB	669+15		717+14		4799	SB TRAFFIC
I-57 SB	652+06		664+13	1207	1207	NB TRAFFIC
CROSSOVER	664+13		676+22	1213	1213	NB TRAFFIC
STAGE 2						
I-57 NB	609+50		645+85		3635	NB TRAFFIC
I-57 NB	645+85		671+11	2526	2526	NB TRAFFIC
CROSSOVER	639+80		653+42	1366	1366	SB TRAFFIC
I-57 NB	653+42		662+85	943	943	SB TRAFFIC
CROSSOVER	662+85		676+60	1379	1379	SB TRAFFIC
I-57 SB	676+60		695+00	1840		SB TRAFFIC
SUBTOTAL				16453	21947	
TOTAL				38400		



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	20
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	

SHOULDERS															
LOCATION								48203100	48203021	48300500	31101000	60600605	48101200	48102100	64200116
							AVG SURFACE COURSE THICKNESS	HOT-MIX ASPHALT SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 6"	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SUBBASE GRANULAR MATERIAL, TYPE B	CONCRETE CURB, TYPE B	AGGREGATE SHOULDERS, TYPE B	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH
STATION	TO	STATION	SIDE LT/RT	LENGTH FOOT	WDTH FOOT	AREA SQ FT	INCH	TON	SQ YD	SQ YD	TON	FOOT	TON	TON	FOOT
I-57 NB															
645+50.00		645+94.33	RT	44.3	2	88.6								0.8	
645+50.00		652+95.00	RT	745.0	10	7450.0				827.8	129.6				745.0
645+94.33		652+95.00	RT	700.7	3	2102.1			233.6						
652+95.00		653+95.00	RT	100.0	10	1000.0				111.1	17.4	100.0			100.0
653+85.00		653+95.00	LT	10.0	10	100.0				11.1	1.7				
653+95.00		656+68.07	LT	273.1	6	1638.6	2.99	30.5		182.1	28.5				273.1
653+95.00		656+68.07	RT	273.1	10	2731.0	3.13	53.2		303.4	47.5	273.1			273.1
656+68.07		656+92.57	RT	24.5							24.5				
659+74.46		661+75.00	LT	200.5	6	1203.0	1.93	14.4		133.7	20.9				200.5
659+59.60		659+74.46	RT	14.9								14.9			
659+74.46		661+75.00	RT	200.5	10	2005.0	2.13	26.6		222.8	34.9	200.5			200.5
661+75.00		664+90.00	RT	315.0	10	3150.0				350.0	54.8	315.0			315.0
664+90.00		672+00.00	RT	710.0	10	7100.0				788.9	123.5				710.0
664+90.00		667+20.07	RT	230.1	3	690.3			76.7						
667+20.07		672+00.00	RT	479.9	2	959.8								9.1	
653+85.00		656+82.83	LT	297.8	3	893.4	-		99.3						
659+50.33		661+75.00	LT	224.7	2	449.4	-						17.1		
I-57 SB															
646+00.00		649+50.00	LT	350.0	10	3500.0				388.9	60.9				350.0
646+00.00		648+50.83	LT	250.8	2	501.6								4.8	
648+50.83		649+50.00	LT	99.2	3	297.6			33.1						
649+50.00		655+10.00	LT	560.0	10	5600.0				622.2	97.4	560.0			560.0
655+10.00		656+46.44	LT	136.4	10	1364.0	2.42	20.5		151.6	23.7	136.4			136.4
656+46.44		656+61.20	LT	14.8							14.8				
653+34.42		655+10.00	RT	175.6	6	1053.6				117.1	18.3				175.6
655+10.00		656+46.44	RT	136.4	6	818.4	1.97	10.0		90.9	14.2				136.4
659+52.83		662+00.00	LT	247.2	10										

MODEL: ATB [Sheet]
FILE NAME: P:\6XXXX\44XX55XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Diezl\Work Order 2\CADD Data\Sheets\0714650-ATB-shtL.dgn



WBE DBE
EFFINGHAM, IL
LICENSE #184.003222

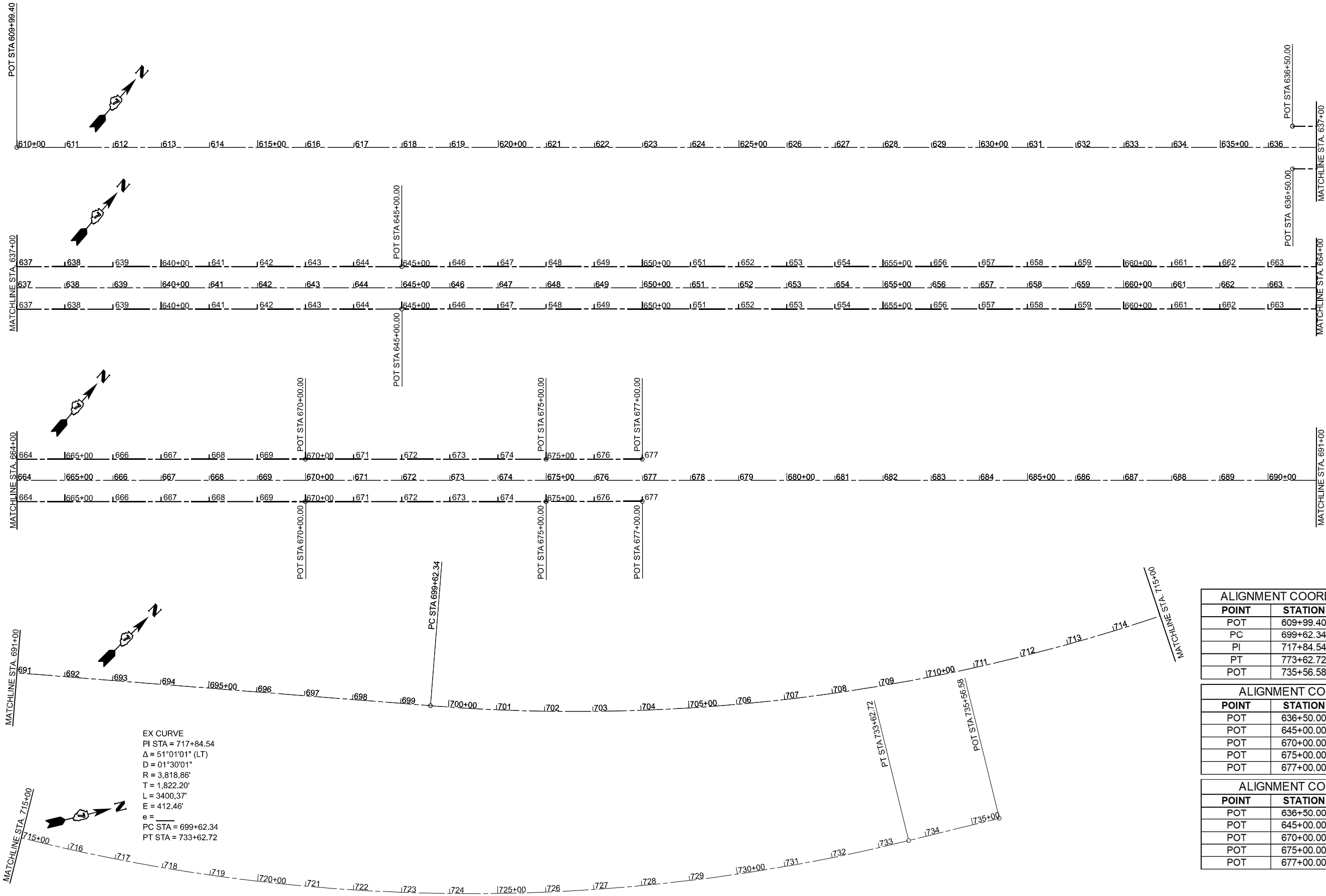
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS
I-57 MAINLINE

SCALE: SHEET 1 OF 2 SHEETS STA. 609+99.40 TO STA. 735+56.58

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	22
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

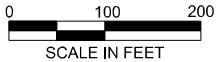


EX CURVE
PI STA = 717+84.54
 $\Delta = 51^{\circ}01'01''$ (LT)
D = $01^{\circ}30'01''$
R = 3,818.86'
T = 1,822.20'
L = 3400.37'
E = 412.46'
e =
PC STA = 699+62.34
PT STA = 733+62.72

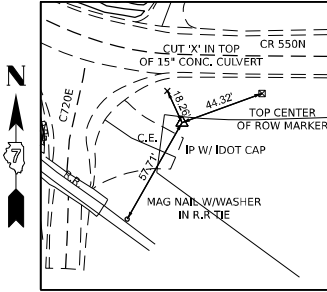
ALIGNMENT COORDINATES I-57 MAINLINE			
POINT	STATION	NORTHING	EASTING
POT	609+99.40	1011756.5150	979505.0720
PC	699+62.34	1017585.1977	986313.9505
PI	717+84.54	1018770.1906	987698.2209
PT	773+62.72	1020591.6961	987647.9160
POT	735+56.58	1020785.4900	987642.5640

ALIGNMENT COORDINATES I-57 NB			
POINT	STATION	NORTHING	EASTING
POT	636+50.00	1013446.4703	981547.5474
POT	645+00.00	1013999.5610	982192.9859
POT	670+00.00	1015625.3333	984092.1605
POT	675+00.00	1015950.4878	984471.9954
POT	677+00.00	1016080.8883	984623.6395

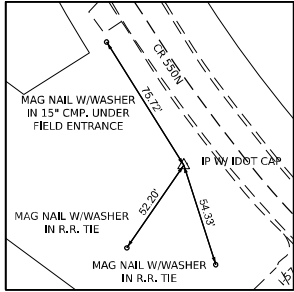
ALIGNMENT COORDINATES I-57 SB			
POINT	STATION	NORTHING	EASTING
POT	636+50.00	1013513.6775	981490.0152
POT	645+00.00	1014066.4119	982135.7587
POT	670+00.00	1015692.1843	984034.9333
POT	675+00.00	1016017.3387	984414.7683
POT	677+00.00	1016147.4649	984566.6471



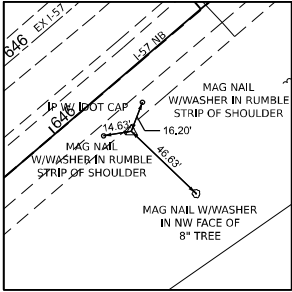
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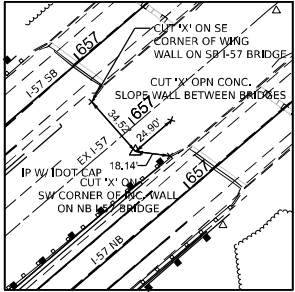
CONTROL POINT #120
I-57 STA. 659+03.3, 260.5 RT
N 1014747.638
E 983399.851



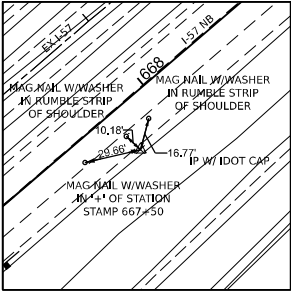
CONTROL POINT #121
I-57 STA. 657+66.8, 282.8 LT
N 1015071.538
E 982942.938



CONTROL POINT #122
I-57 STA. 646+31.1, 68.8 RT
N 1014065.958
E 982308.715



CONTROL POINT #123
I-57 STA. 656+91.2, 10.8 RT
N 1014799.418
E 983076.232



CONTROL POINT #124
I-57 STA. 667+77.0, 68.3 RT
N 1015461.758
E 983938.502

BENCHMARK 381
ELEV. 754.940
CHISLED SQUARE IN THE CENTER OF 5X4 BOX
CULVERT HEADWALL LT OF SB I-57
STA. 617+37, 24.0' LT

BENCHMARK 382
ELEV. 755.050
CHISLED SQUARE ON THE EAST END OF 36" ROUND
CONCRETE PIPE CULVET HEADWALL RT OF NB I-57
STA. 627+95, 21.4' RT

BENCHMARK 383
ELEV. 743.641
CHISLED SQUARE IN THE CENTER OF 36" ROUND
CONCRETE PIPE CULVERT HEADWALL RT IF NB I-57
STA. 641+62, 32.9' RT

BENCHMARK 387
ELEV. 719.678
CHISLED SQUARE ON THE WEST SIDE OF 24" ROUND
CONCRETE PIPE CULVERT HEADWALL RT OF NB I-57
STA. 686+96, 24.4' RT

BENCHMARK 384
ELEV. 759.899
CHISLED SQUARE ON THE NW CORNER OF THE SW
CONCRETE WINGWALL OF STRUCTURE # 015-0003
OF SB I-57
STA. 657+00, 8.2' RT

BENCHMARK 388
ELEV. 709.080
CHISLED SQUARE ON THE CENTER OF THE WEST
SIDE OF A DROP INLET BOX IN THE CENTER MEDIAN
OF I-57
STA. 700+07, 33.0' LT

BENCHMARK 385
ELEV. 758.554
CHISLED SQUARE ON THE SE CORNER OF THE NE
CONCRETE WINGWALL OF STRUCTURE # 015-0004
OF NB I-57
STA. 659+33, 8.0' LT

BENCHMARK 386
ELEV. 728.659
CHISLED SQUARE ON THE NORTH SIDE OF THE
NORTHMOST CONCRETE SIGN FOUNDATION OF
EXITS 190 A-B 2 MILES AHEAD SIGN
STA. 671+93, 38.2' RT



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

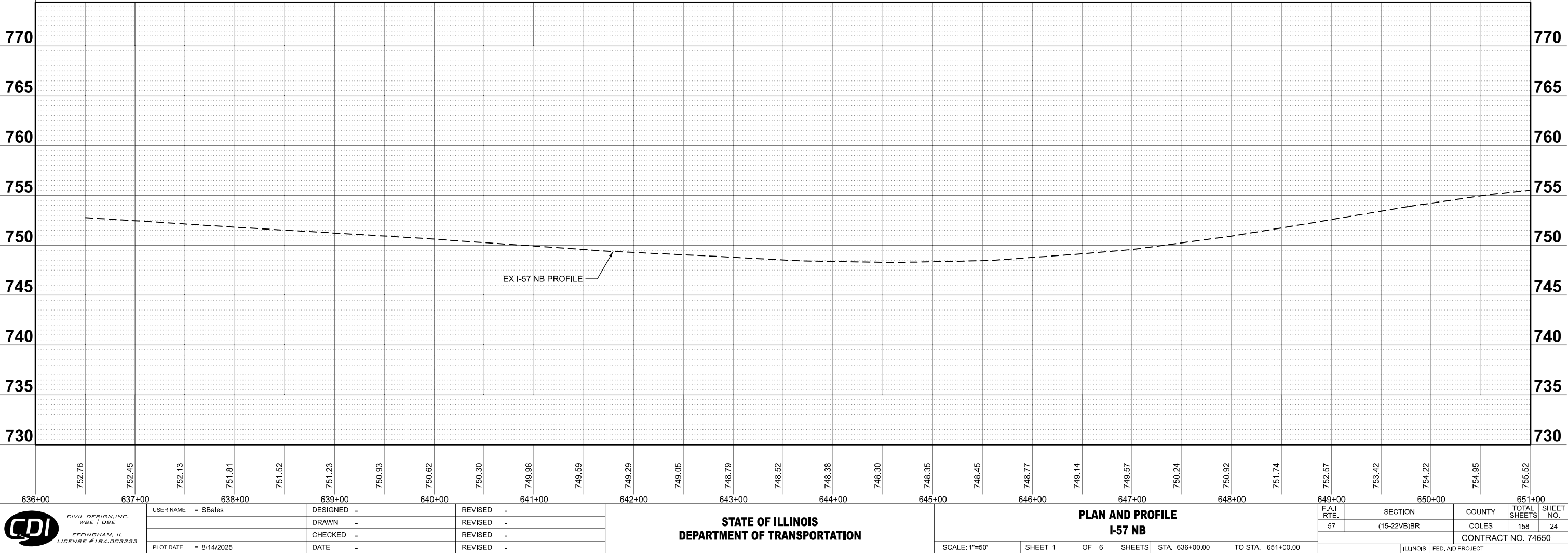
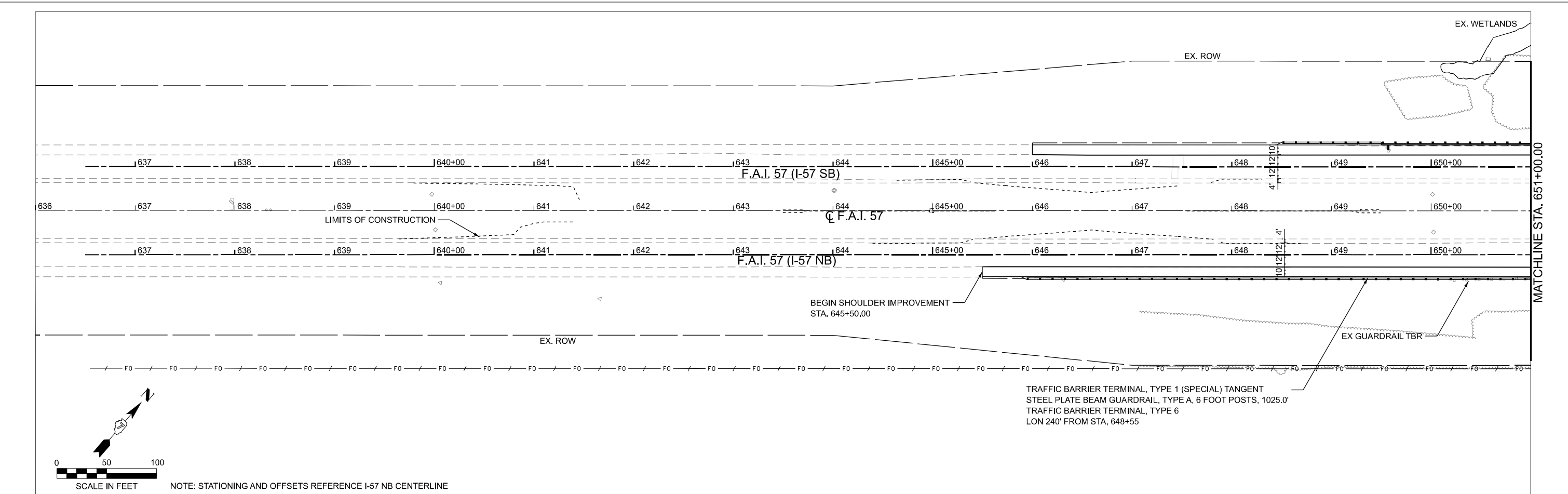
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIES, AND BENCHMARKS
I-57 MAINLINE**

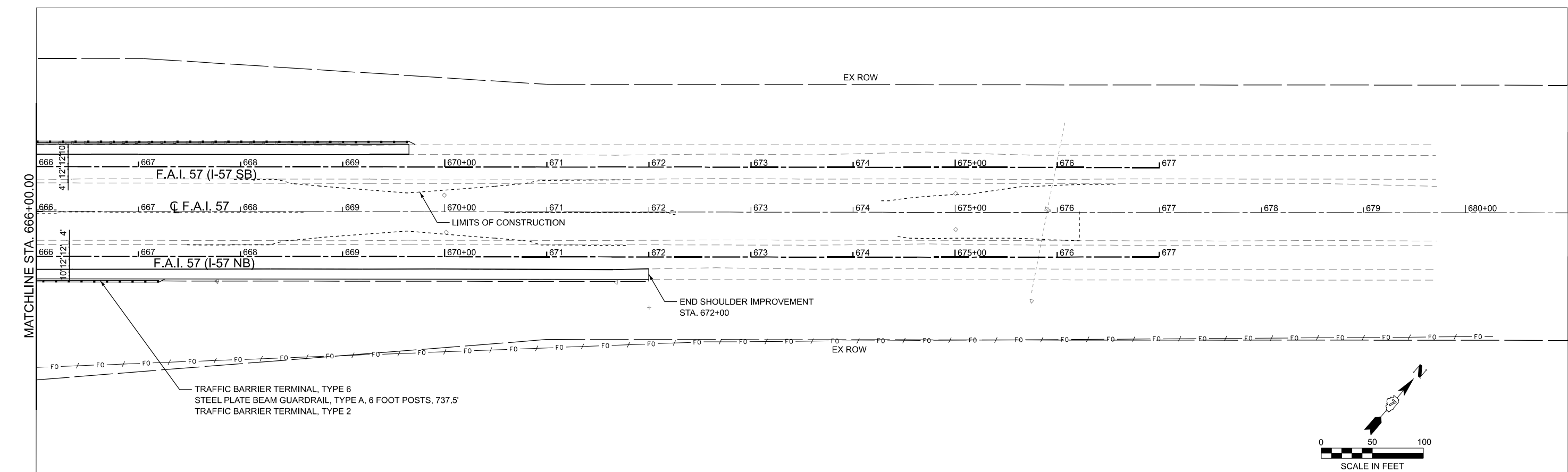
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	23
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

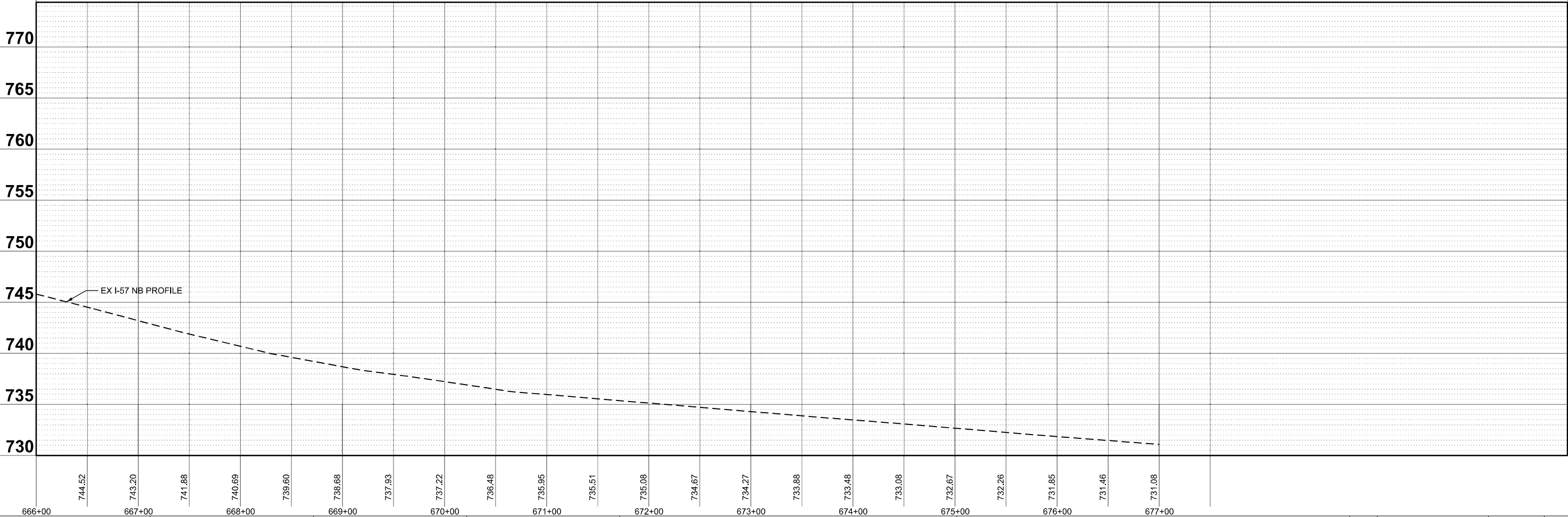
MODEL: I-57 NB - Plan 1 [Sheet]
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MODEL: I-57 NB - Plan 3 [Sheet]
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_Clarke\Work Order 2\CADD Data\Sheets\07\4650-plan\pro\NB-sht.dgn



NOTE: STATIONING AND OFFSETS REFERENCE I-57 NB CENTERLINE



Civil Design, Inc. WBE DBE Effingham, IL License #184.003222	USER NAME = SBales		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE I-57 NB SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 666+00.00 TO STA. 681+00.00				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -					57	(15-22VB)BR	COLES	158	26
			CHECKED -	REVISED -					CONTRACT NO. 74650				
	PLOT DATE = 8/15/2025		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

MODEL: I-57 SB - I-57 SB PLAN 1 [Sheet]
FILE NAME: P:\6XXXX\64XX-565XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Diez\Work Order 2\CADDD Data\Sheets\07\4650-plan\proI-57 SB-sht.dgn

CDI
CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME = SBales
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT DATE = 8/15/2025

DESIGNED -
REVISED -
DRAWN -
REVISED -
CHECKED -
DATE -
REVISED -

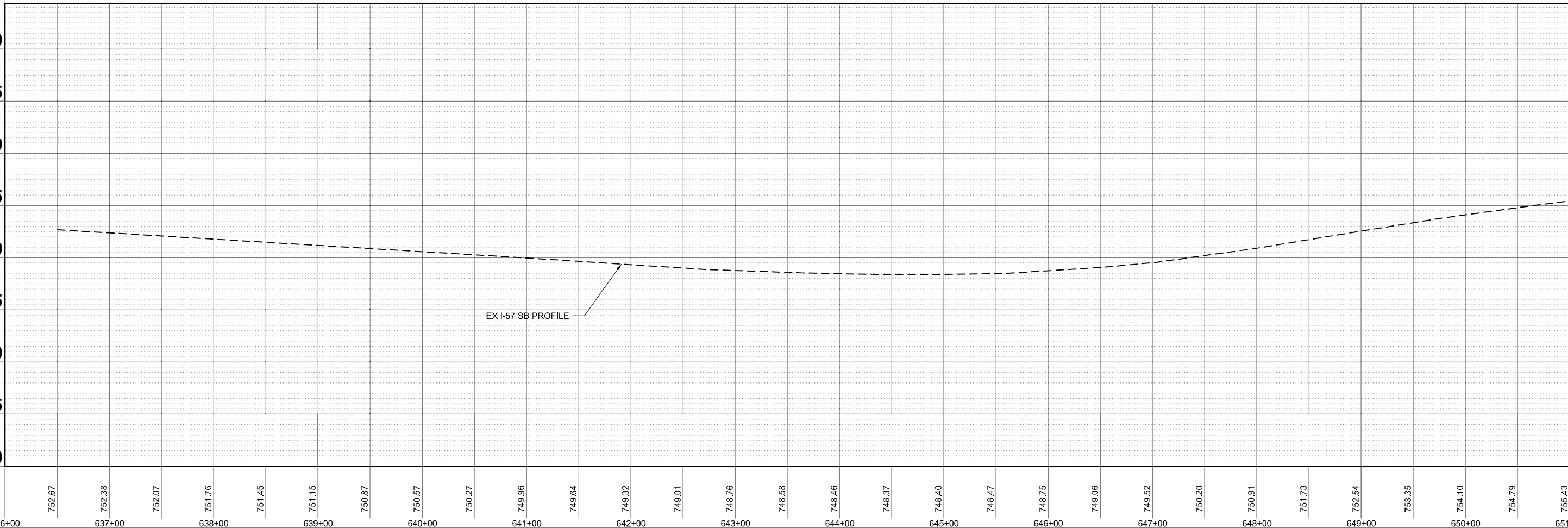
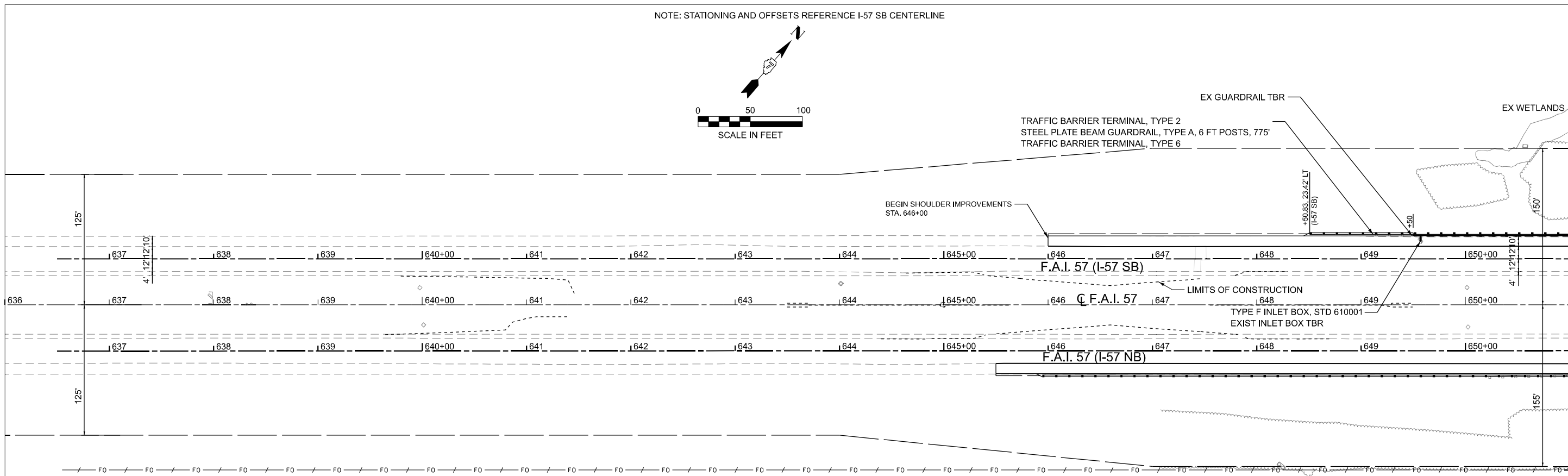
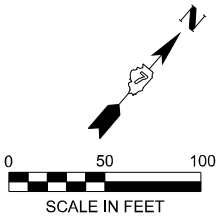
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
I-57 SB

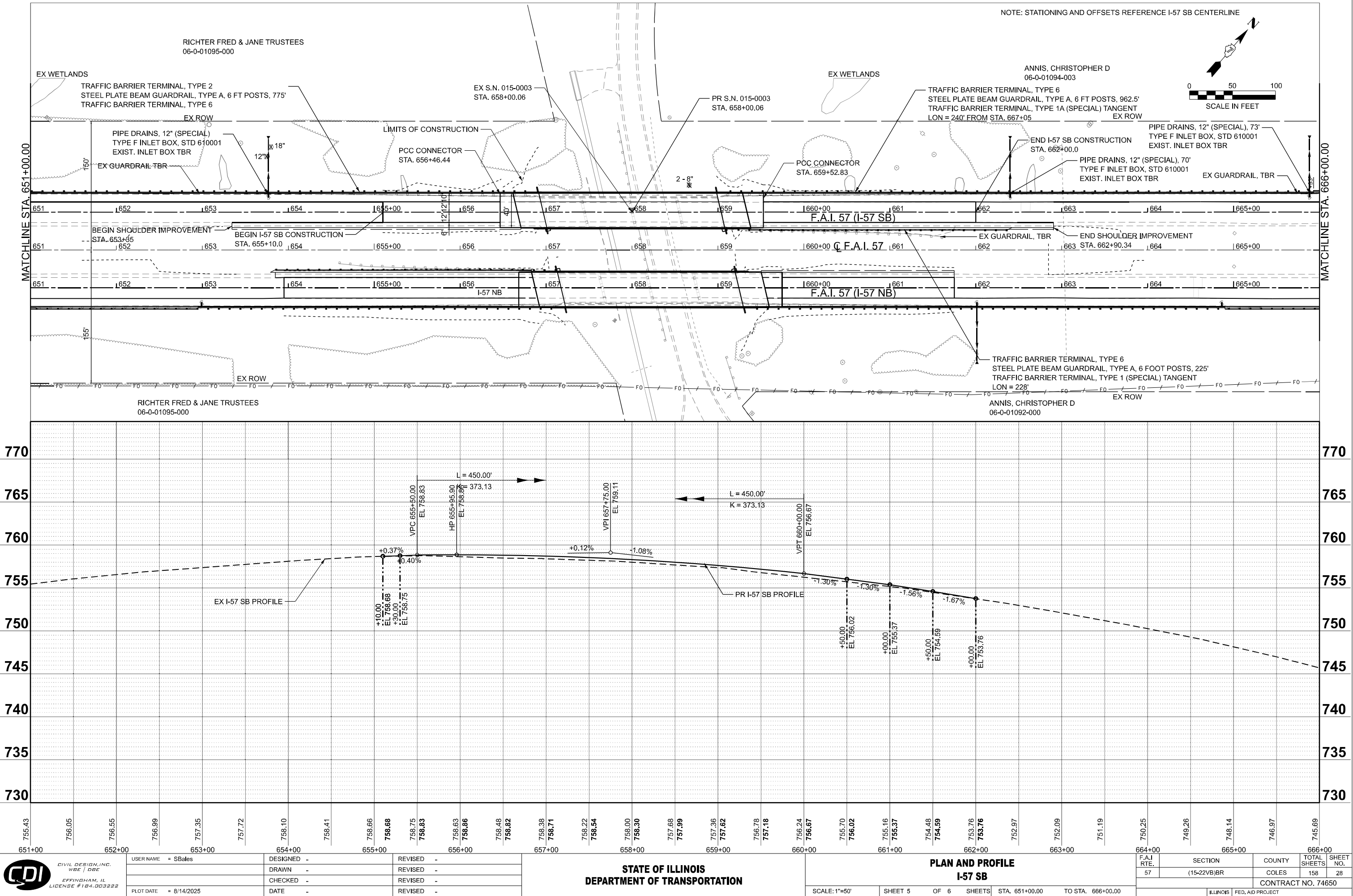
SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 636+00.00 TO STA. 651+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	27
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

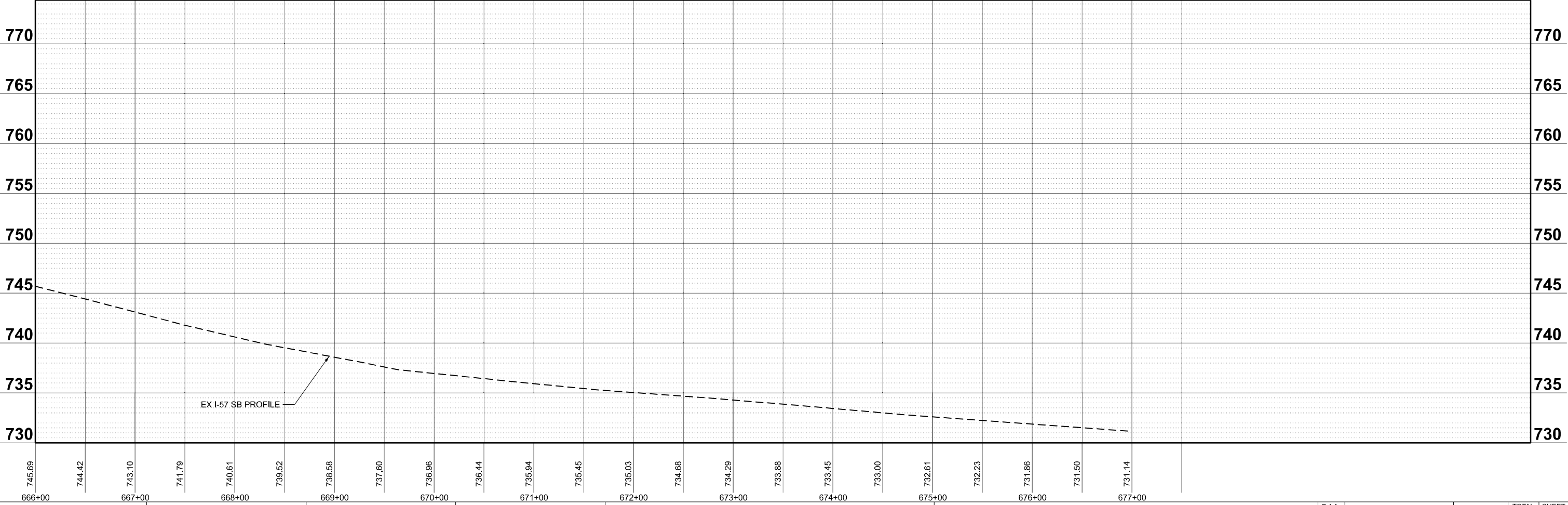
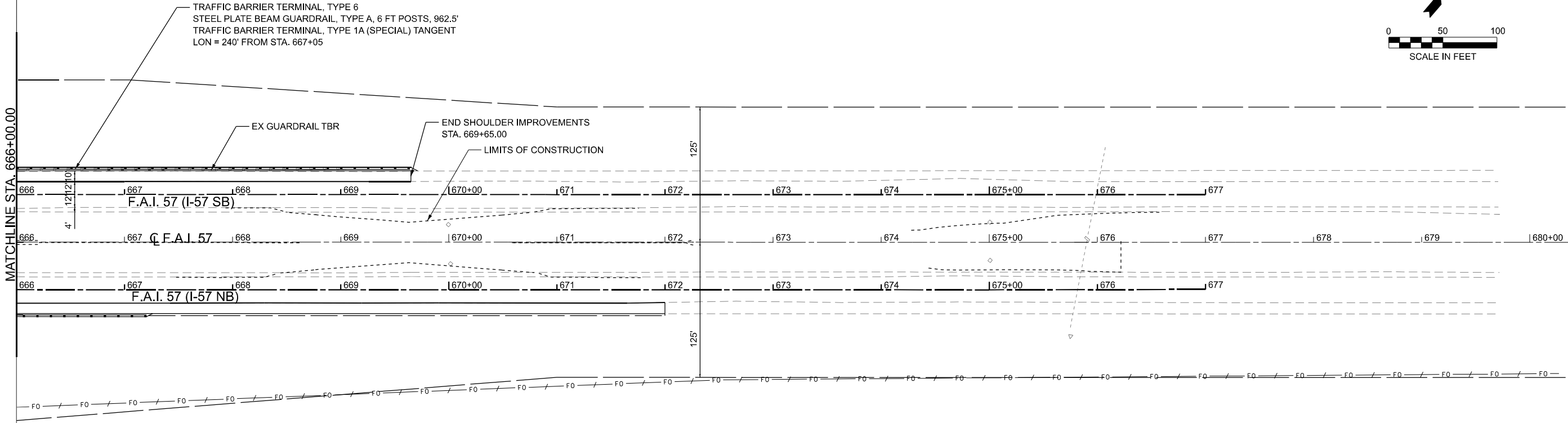
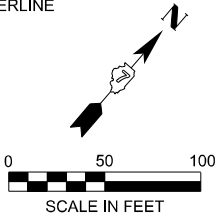
NOTE: STATIONING AND OFFSETS REFERENCE I-57 SB CENTERLINE



MODEL: I-57 SB - I-57 SB PLAN 2 (Sheet)
FILE NAME: P:\6XXXX\64XX-55XX\6424 - I-57 SB - I-57 SB PLAN 2 (Sheet).dgn



NOTE: STATIONING AND OFFSETS REFERENCE I-57 SB CENTERLINE



MODEL: I-57 SB - I-57 SB PLAN 3 (Sheet)
FILE NAME: P:\6XXXX\64XX-563XX\6424 - IDOT P1B 208-036 D7 VV_Clarke Diez\Work Order 2\CADD Data\Sheets\0714650-plan\pro\SB-sht.dgn



USER NAME = SBales

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVIS

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

I-57 SB

SCALE: 1"=50'

SHEET 6

OF 6

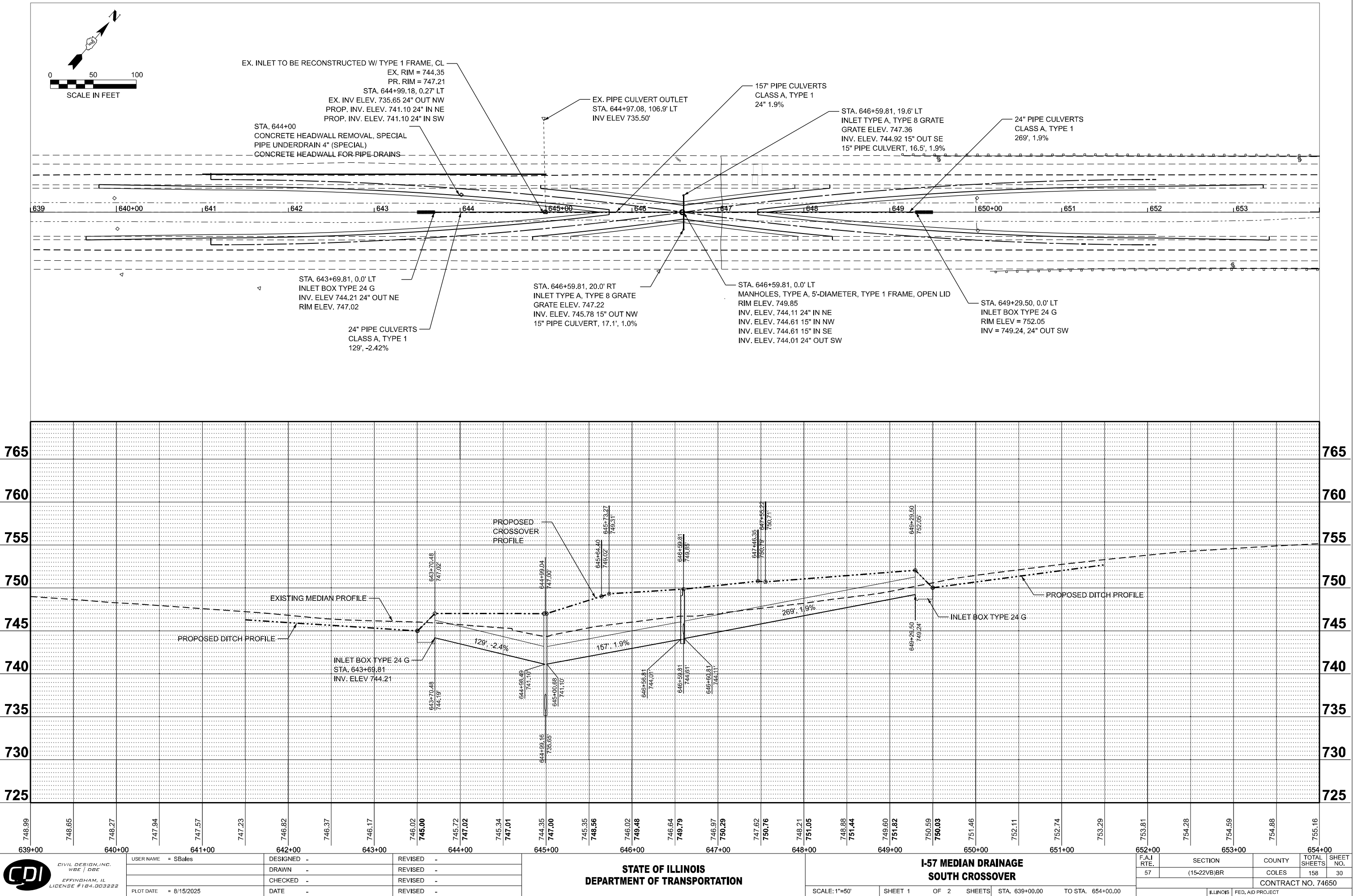
SHEETS

STA. 666+00.00

TO STA. 681+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	29
CONTRACT NO. 74650				
ILLINOIS		FED. AID PROJECT		

MODEL: EXCL - XOVER DRAINAGE PLAN 1 (Sheet)
FILE NAME: P:\6XXXX\64XX\65XX\6424 - IDOT P.TB 208-036 07 VV_ClarK DeepWork Order 2\CADD Data\Sheets\07\4650-plan\prof-dra\stage=cht.dgn



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

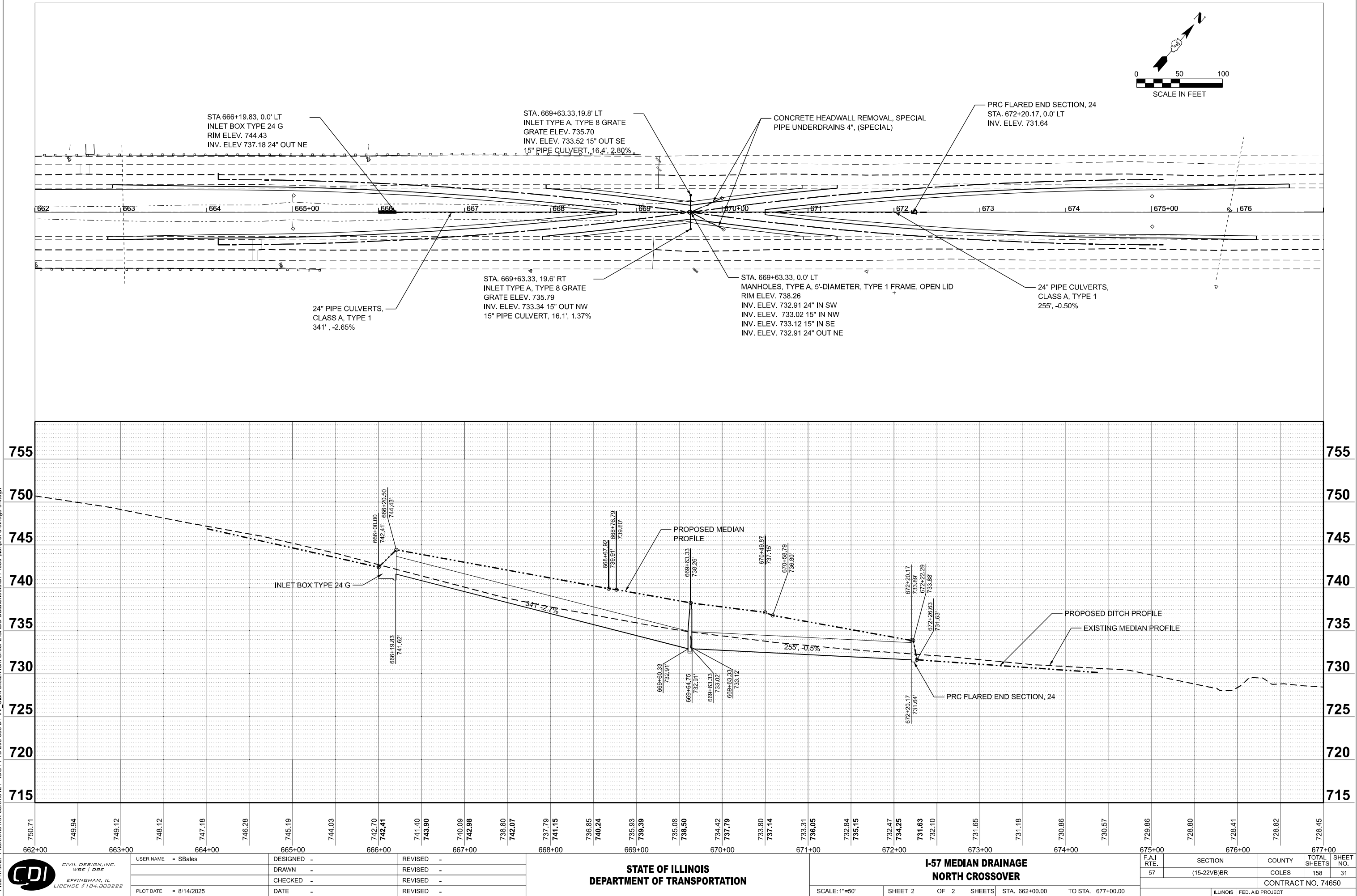
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

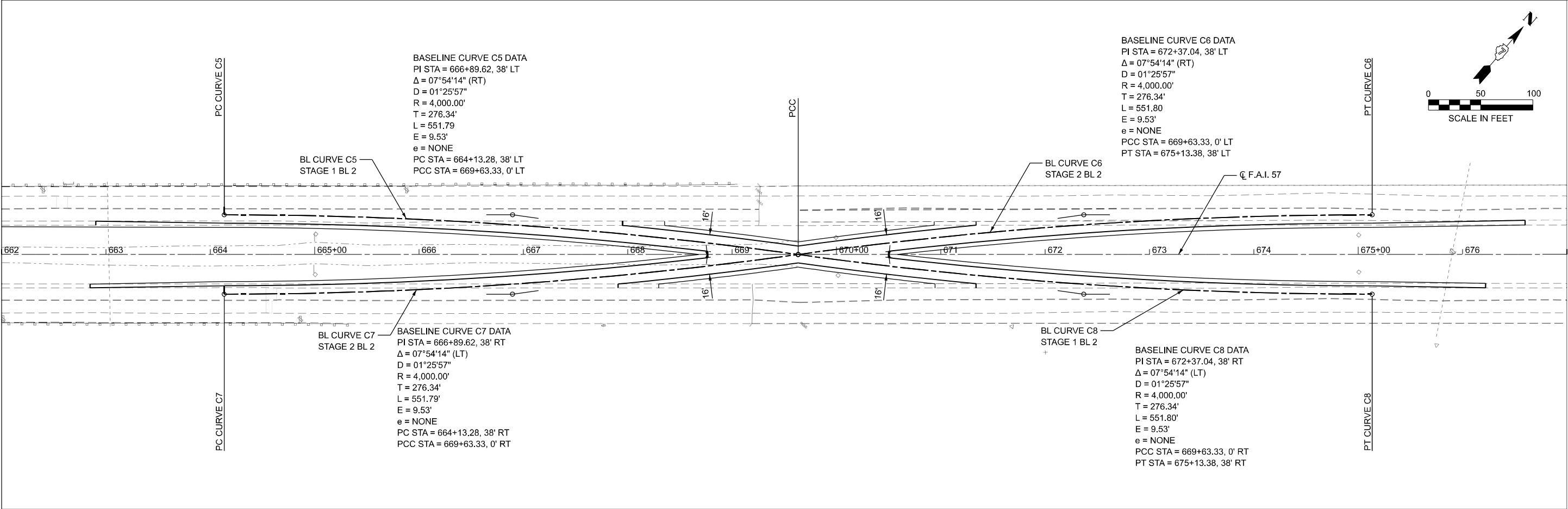
I-57 MEDIAN DRAINAGE
SOUTH CROSSOVER

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 639+00.00 TO STA. 654+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	30
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: EXCL - XOVER DRAINAGE PLAN 2 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dept\Work Order 2\CADD Data\Sheets\0714650-plan\prof-drainage-sht.dgn





NORTH CROSSOVER I-57 ELEVATIONS AND OFFSETS												
CL SURVEY	STAGE 2 BL 2		STAGE 1 BL 2		ELEVATION AND OFFSET DATA							
F.A.I. 57	NORTH CROSSOVER		NORTH CROSSOVER		EOP RT OF CL SURVEY		EOP RT OF BASELINE		EOP LT OF CL SURVEY		EOP LT OF BASELINE	
STATION	OFFSET (FT)		OFFSET (FT)		OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION
664+13.28	38.00	RT	38.00	LT	30.00	749.79	-	-	30.00	749.74	-	-
664+50.00	37.83	RT	37.83	LT	29.83	749.08	-	-	29.83	748.98	-	-
665+00.00	37.06	RT	37.06	LT	29.06	747.97	-	-	29.06	747.76	-	-
665+50.00	35.66	RT	35.66	LT	27.66	746.81	-	-	27.66	746.46	-	-
666+00.00	33.64	RT	33.64	LT	25.63	745.49	-	-	25.63	745.22	-	-
666+50.00	30.99	RT	30.99	LT	22.98	744.16	32.25	744.35	22.98	743.97	32.03	744.16
667+00.00	27.71	RT	27.71	LT	19.69	742.78	32.18	743.03	19.69	742.63	31.97	742.87
667+50.00	23.80	RT	23.80	LT	15.77	741.44	31.83	741.74	15.77	741.27	31.83	741.59
668+00.00	19.26	RT	19.26	LT	11.22	740.77	27.30	740.82	11.22	740.67	27.30	740.73
668+50.00	14.09	RT	14.09	LT	6.04	740.10	22.14	739.91	6.04	740.06	22.14	739.88
668+76.79	11.05	RT	11.05	LT	0.00	739.80	19.11	739.42	0.00	739.80	19.11	739.42
669+00.00	8.28	RT	8.28	LT	0.00	739.39	16.34	739.06	0.00	739.39	16.34	739.06
669+50.00	1.83	RT	1.83	LT	0.00	738.50	9.90	738.30	0.00	738.50	9.90	738.30
669+63.33	0.00	-	0.00	-	0.00	738.26	8.08	738.10	0.00	738.26	8.08	738.10
670+00.00	4.92	LT	4.92	RT	0.00	737.79	12.99	737.53	0.00	737.79	12.99	737.53
670+49.87	11.05	LT	11.05	RT	3.00	737.05	19.11	736.76	3.00	737.08	19.11	736.76
670+50.00	11.07	LT	11.07	RT	3.02	737.05	19.12	736.76	3.02	737.08	19.12	736.76
671+00.00	16.58	LT	16.58	RT	8.54	736.42	24.62	736.11	8.54	736.19	24.63	736.13
671+50.00	21.46	LT	21.46	RT	13.43	735.78	29.49	735.47	13.43	735.31	29.49	735.49
672+00.00	25.71	LT	25.71	RT	17.68	734.62	32.29	734.91	17.68	734.66	32.12	734.95
672+50.00	29.32	LT	29.32	RT	21.30	734.29	32.22	734.51	21.30	734.27	32.72	734.50
673+00.00	32.31	LT	32.31	RT	24.29	733.94	-	-	24.29	733.93	-	-
673+50.00	34.66	LT	34.66	RT	26.65	733.59	-	-	26.66	733.60	-	-
674+00.00	36.39	LT	36.39	RT	28.39	733.21	-	-	28.39	733.21	-	-
674+50.00	37.50	LT	37.50	RT	29.50	732.81	-	-	29.50	732.80	-	-
675+00.00	37.98	LT	37.98	RT	29.98	732.44	-	-	29.98	732.39	-	-
675+13.38	38.00	LT	38.00	RT	30.00	732.34	-	-	30.00	732.28	-	-

MODEL: Crossover Plans - North Crossover [Sheet]
FILE NAME: P:\6XXXX\64XX-65XX\6424 - DOT P12 208-036 D7 VV_Clarck Diez\Work Order 2\CADD Data\Sheets\0714650-crossover-plan-sht.dgn



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

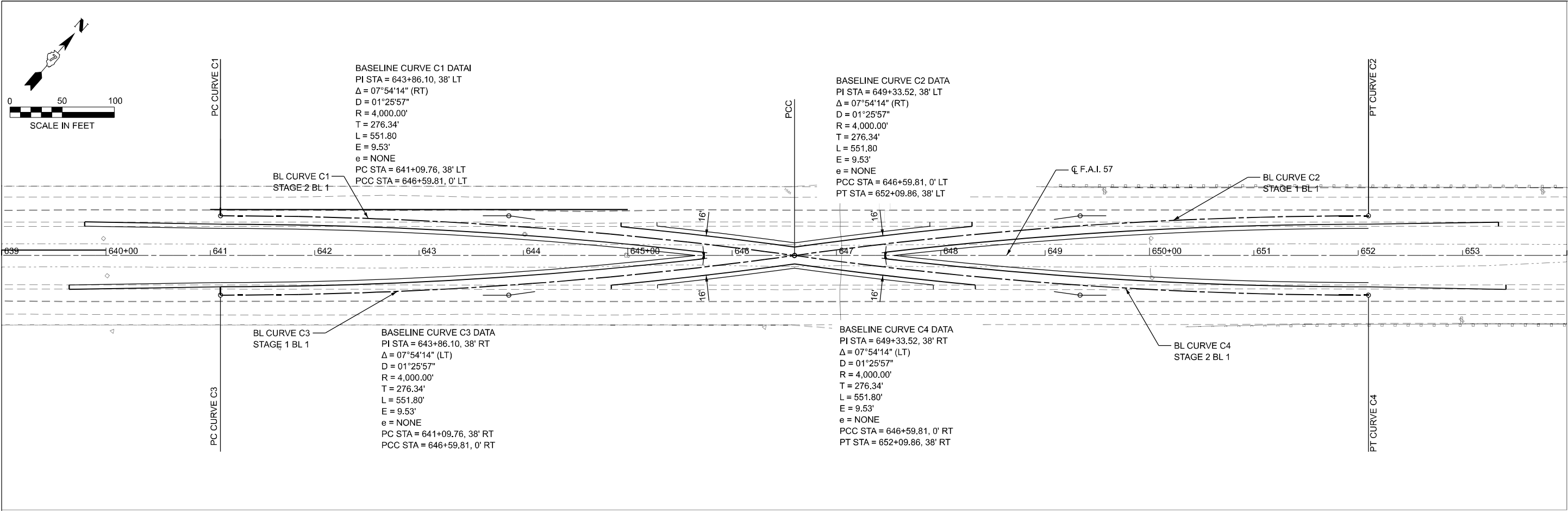
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-57 ELEVATIONS AND OFFSETS
NORTH CROSSOVER

SCALE: SHEET 1 OF 2 SHEETS STA. 662+00.00 TO STA. 677+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	32
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: Crossover Plans - South Crossover [Sheet]
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT P1B 208-036 D7 VV_Clarke Diez\Work Order 2\CADD Data\Sheet\0714650-crossover-plan-sht.dgn



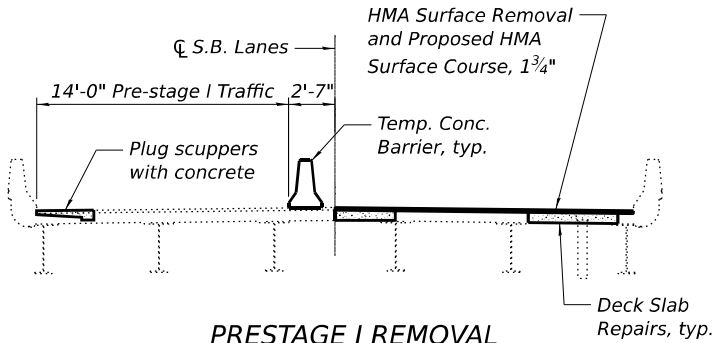
SOUTH CROSSOVER I-57 ELEVATIONS AND OFFSETS												
CL SURVEY	STAGE 1 BL 1		STAGE 2 BL 1		ELEVATION AND OFFSET DATA							
F.A.I. 57	SOUTH CROSSOVER		SOUTH CROSSOVER		EOP RT OF CL SURVEY		EOP RT OF BASELINE		EOP LT OF CL SURVEY		EOP LT OF BASELINE	
STATION	OFFSET (FT)		OFFSET (FT)		OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION	OFFSET (FT)	ELEVATION
641+09.76	38.00	RT	38.00	LT	30.00	749.68	-	-	30.00	749.66	-	-
641+50.00	37.80	RT	37.80	LT	29.80	749.40	-	-	29.80	749.40	-	-
642+00.00	36.98	RT	36.98	LT	28.98	749.08	-	-	28.98	749.09	-	-
642+50.00	35.54	RT	35.54	LT	27.54	748.80	-	-	27.54	748.79	-	-
643+00.00	33.47	RT	33.47	LT	25.46	748.51	-	-	25.46	748.50	-	-
643+50.00	30.78	RT	30.78	LT	22.77	748.19	32.17	748.38	22.77	748.22	32.04	748.40
644+00.00	27.46	RT	27.46	LT	19.44	747.97	32.26	748.23	19.44	748.08	31.52	748.32
644+50.00	23.50	RT	23.50	LT	15.47	747.93	31.53	748.20	15.47	747.99	30.79	748.30
645+00.00	18.92	RT	18.92	LT	10.88	748.47	26.96	748.50	10.88	748.42	26.96	748.52
645+50.00	13.70	RT	13.70	LT	5.65	749.01	21.75	748.80	5.65	748.99	21.75	748.80
646+00.00	7.84	RT	7.84	LT	0.00	749.48	15.91	749.16	0.00	749.48	15.91	749.16
646+50.00	1.35	RT	1.35	LT	0.00	749.79	9.42	749.60	0.00	749.79	9.42	749.60
646+59.81	0.00	-	0.00	-	0.00	749.85	8.08	749.69	0.00	749.85	8.08	749.69
647+00.00	5.37	LT	5.37	RT	0.00	750.29	13.44	750.02	0.00	750.29	13.44	750.02
647+50.00	11.48	LT	11.48	RT	3.43	750.76	19.53	750.46	3.43	750.76	19.53	750.45
648+00.00	16.95	LT	16.95	RT	8.90	751.14	24.99	751.08	8.90	751.11	24.99	751.06
648+50.00	21.78	LT	21.78	RT	13.75	751.51	29.81	751.70	13.75	751.46	29.81	751.66
649+00.00	25.98	LT	25.98	RT	17.96	752.13	32.26	752.41	17.96	752.09	31.97	752.37
649+50.00	29.55	LT	29.55	RT	21.53	753.04	32.60	753.27	21.53	752.95	32.14	753.16
650+00.00	32.49	LT	32.49	RT	24.48	753.89	-	-	24.48	753.75	-	-
650+50.00	34.80	LT	34.80	RT	26.80	754.66	-	-	26.80	754.48	-	-
651+00.00	36.49	LT	36.49	RT	28.49	755.27	-	-	28.49	755.17	-	-
651+50.00	37.55	LT	37.55	RT	29.55	755.82	-	-	29.55	755.83	-	-
652+00.00	37.99	LT	37.99	RT	29.99	756.33	-	-	29.99	756.33	-	-
652+09.86	38.00	LT	38.00	RT	30.00	756.43	-	-	30.00	756.43	-	-

LEGEND

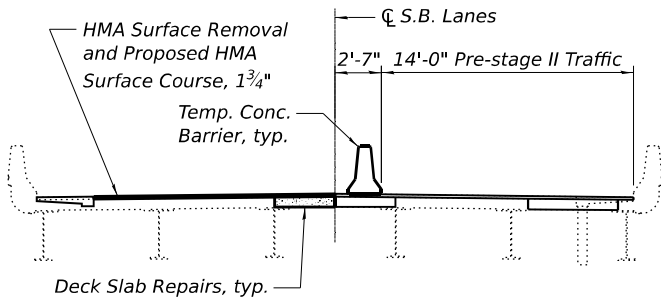
- Prestage I - Deck Slab Repair
(Full Depth, Type II)
- Prestage II - Deck Slab Repair
(Full Depth, Type II)
- Concrete Filled Drainage
Scupper
- HMA Surface Removal and Proposed
HMA Surface Course, 1¾"

BILL OF MATERIAL

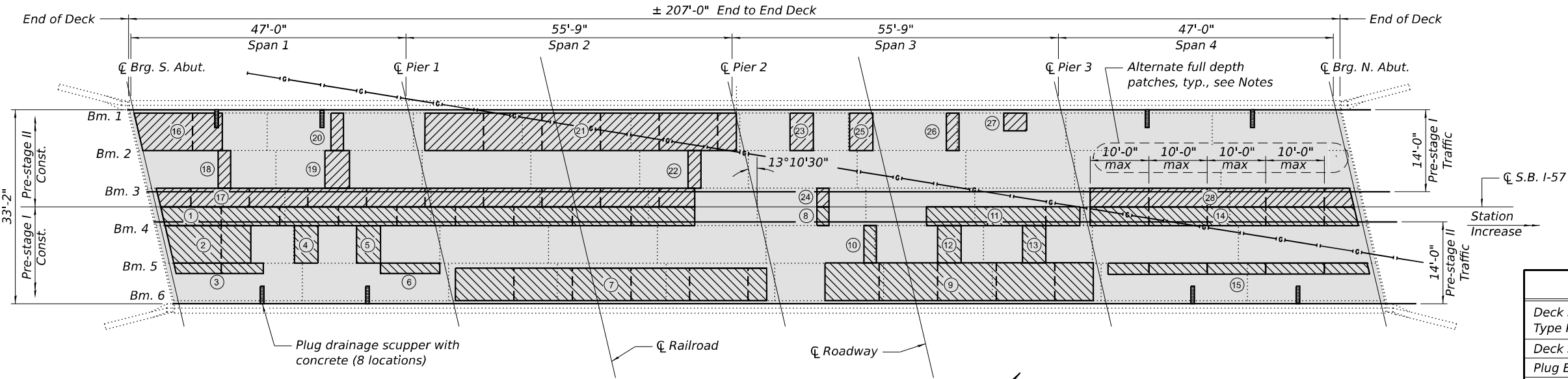
ITEM	UNIT	TOTAL
Deck Slab Repair (Full Depth Type II)	Sq Yd	200
Deck Slab Repair (Partial)	Sq Yd	150
Plug Existing Deck Drains	Each	8
Protective Shield	Sq Yd	446
Hot-Mix Asphalt Surface Removal (Deck)	Sq Yd	752
Bituminous Materials (Tack Coat)	Pound	340
Polymerized Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N90	Ton	74



PRESTAGE I REMOVAL
& CONSTRUCTION
(Looking North)



PRE-STAGE II REMOVAL
& CONSTRUCTION
(Looking North)



DECK SLAB REPAIR
PRE-STAGE I

PATCH NO.	SIZE	PARTIAL DEPTH	FULL DEPTH TYPE 1	FULL DEPTH TYPE 2	
	L x W (ft.)				
1	77.8 x 2.7			23.3	
2	11.9 x 5.5			7.3	
3	13.3 x 1.5			2.2	
4	3.4 x 5.5			2.1	
5	3.5 x 5.5			2.1	
6	9.0 x 1.5			1.5	
7	45.7 x 4.7			23.9	
8	1.9 x 2.7			0.6	
9	39.4 x 5.5			24.1	
10	1.8 x 5.5			1.1	
11	22.5 x 2.7			6.8	
12	3.4 x 5.5			2.1	
13	3.4 x 5.5			2.1	
14	38.5 x 2.7			11.6	
15	37.9 x 1.6			6.7	

DECK SLAB REPAIR
PRE-STAGE II

PATCH NO.	SIZE	PARTIAL DEPTH	FULL DEPTH TYPE 1	FULL DEPTH TYPE 2	
	L x W (ft.)				
16	12.0 x 5.5			7.3	
17	78.4 x 2.7			23.5	
18	1.9 x 5.5			1.2	
19	3.6 x 5.5			2.2	
20	1.8 x 5.5			1.1	
21	45.6 x 5.5			27.9	
22	1.9 x 5.5			1.2	
23	3.4 x 5.5			2.1	
24	1.9 x 2.7			0.6	
25	3.4 x 5.5			2.1	
26	1.9 x 5.5			1.2	
27	3.4 x 2.6			1.0	
28	38.2 x 2.7			11.5	

NOTES

Deck survey performed in 2018. Locations and size shown in the plan view are approximate and quantities estimated.

The Engineer shall show actual locations and size of deck repairs on As-built Plans.

Plug existing 8" x 3'-0" drainage scuppers with concrete finished flush with top of frame. Block top of downspout prior to filling with concrete. Proposed HMA Surface Course may cover over top of scupper.

Removal of the existing 1¾" concrete wearing surface shall be completed according to the Special Provision for HMA Surface Removal (Deck).

To maintain slab stability longitudinal removal for Deck Slab Repair (Full-Depth, Type II) shall be done in alternating sections of no more than 10 feet in length in the north-south direction. Adjacent sections shall not be removed until both of the following requirements are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete shall have attained a minimum modulus of rupture of 675 psi or a minimum compressive strength f_c of 4000 psi.

The Deck Slab Repair (Partial) Quantity has been estimated as 20% of the deck area.

Erect Protective Shield over railroad and roadway below.

See Roadway Plans for Bridge Staging Typical Sections.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRESTAGE I & II DECK REPAIRS
SN 015-0003 (S.B.)

SHEET 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	34
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT NHPP-7FG0(942)				

USER NAME =	DESIGNED - S.M.M.	REVISED -
	CHECKED - D.A.B.	REVISED -
PLOT SCALE =	DRAWN - S.M.M.	REVISED -
PLOT DATE =	CHECKED - D.A.B.	REVISED -

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No. 196-09450

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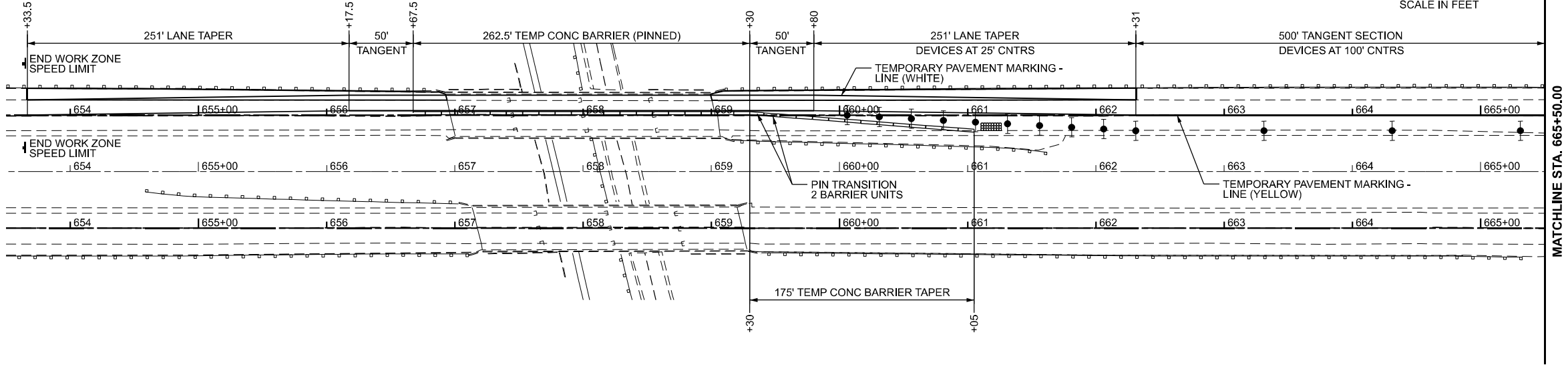
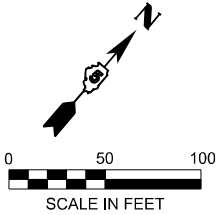
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

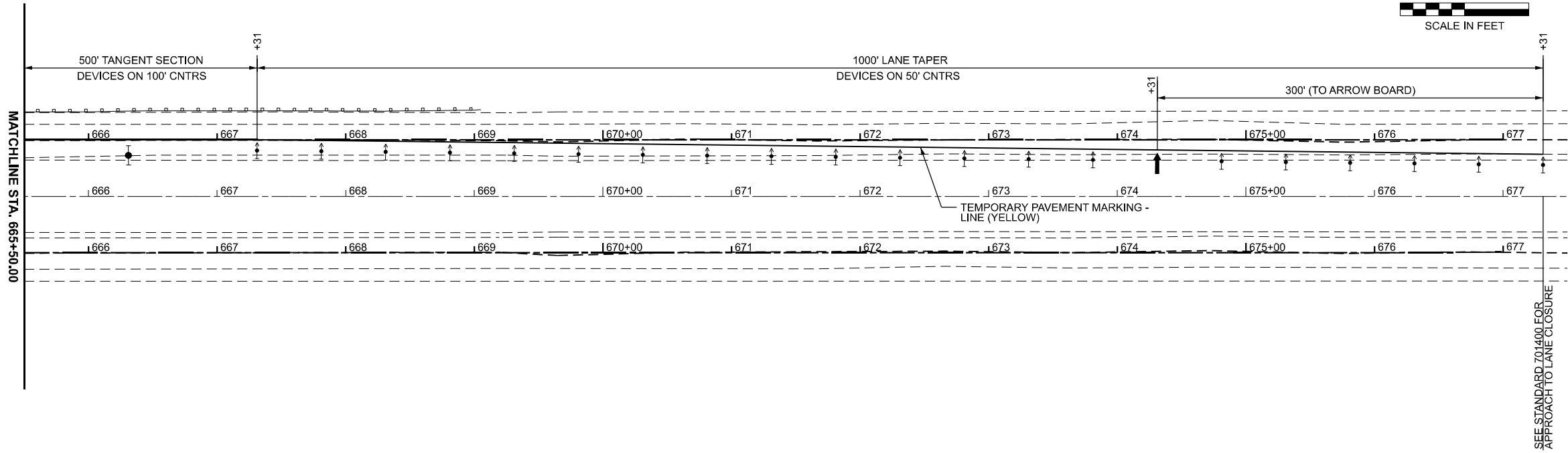
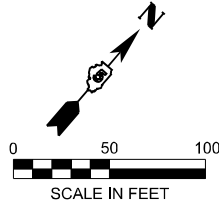
MAINTENANCE OF TRAFFIC
PRE-STAGE I

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 653+50.00 TO STA. 677+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	35
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT NHPP-7FG0(942)				



- LEGEND**
- ARROW BOARD
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - SIGN
 - TEMPORARY CONCRETE BARRIER
 - TRAILER MOUNTED DISPLAY
 - TYPE II BARRICADE
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - VERTICAL PANEL
 - WORK AREA
 - IMPACT ATTENUATOR



- LEGEND**
- ARROW BOARD
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - SIGN
 - TEMPORARY CONCRETE BARRIER
 - TRAILER MOUNTED DISPLAY
 - TYPE II BARRICADE
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - VERTICAL PANEL
 - WORK AREA
 - IMPACT ATTENUATOR

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No. 194-200460

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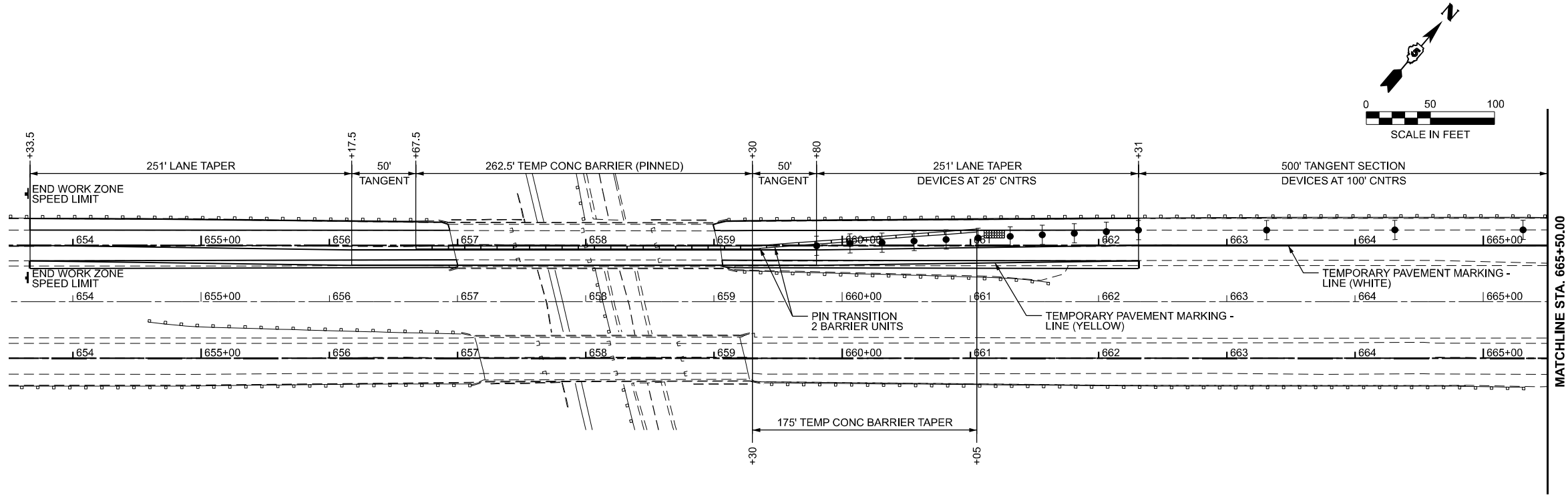
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

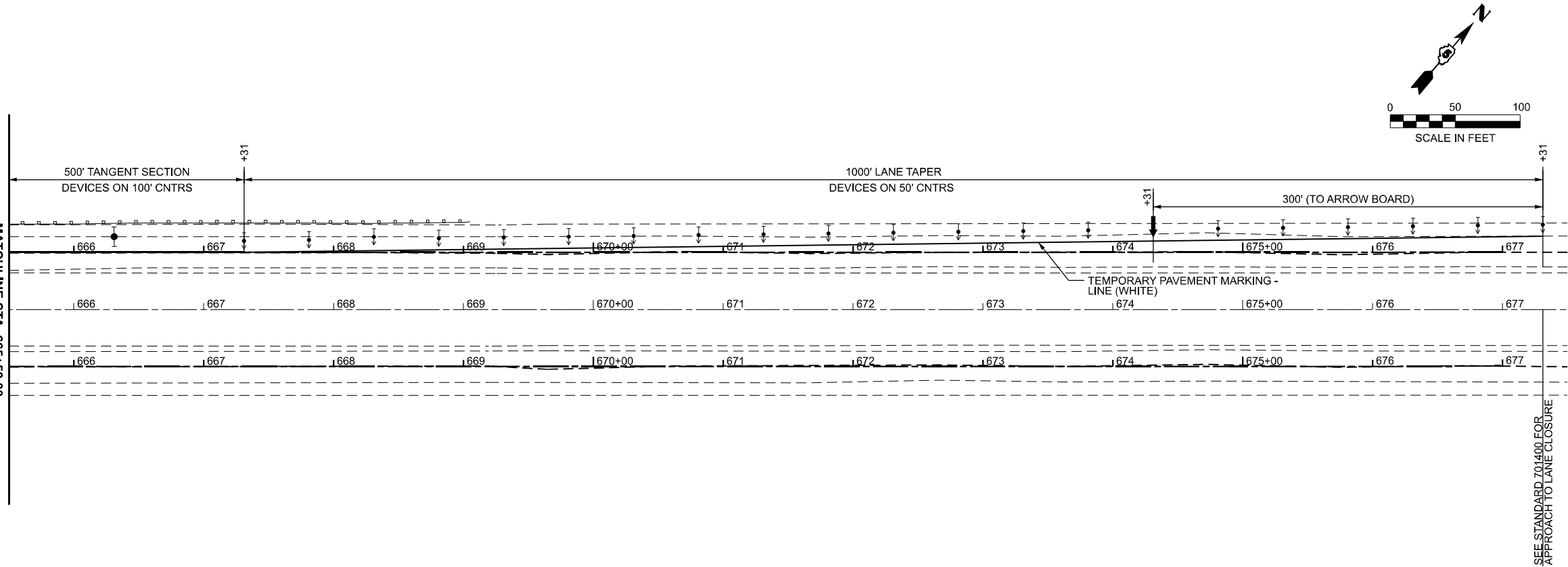
MAINTENANCE OF TRAFFIC
PRE-STAGE II

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 653+50.00 TO STA. 677+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22V)B/R	COLES	158	36
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT NHPP-7FG0(942)				



- ### LEGEND
- ARROW BOARD
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - SIGN
 - TEMPORARY CONCRETE BARRIER
 - TRAILER MOUNTED DISPLAY
 - TYPE II BARRICADE
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - VERTICAL PANEL
 - WORK AREA
 - IMPACT ATTENUATOR



- ### LEGEND
- ARROW BOARD
 - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - DRUM
 - DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
 - SIGN
 - TEMPORARY CONCRETE BARRIER
 - TRAILER MOUNTED DISPLAY
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 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TYPE III BARRICADE
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - VERTICAL PANEL
 - WORK AREA
 - IMPACT ATTENUATOR

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

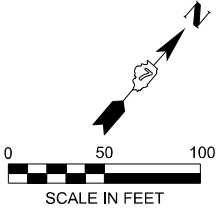
MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1"=50' SHEET 1 OF 13 SHEETS STA. 616+00.00 TO STA. 640+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

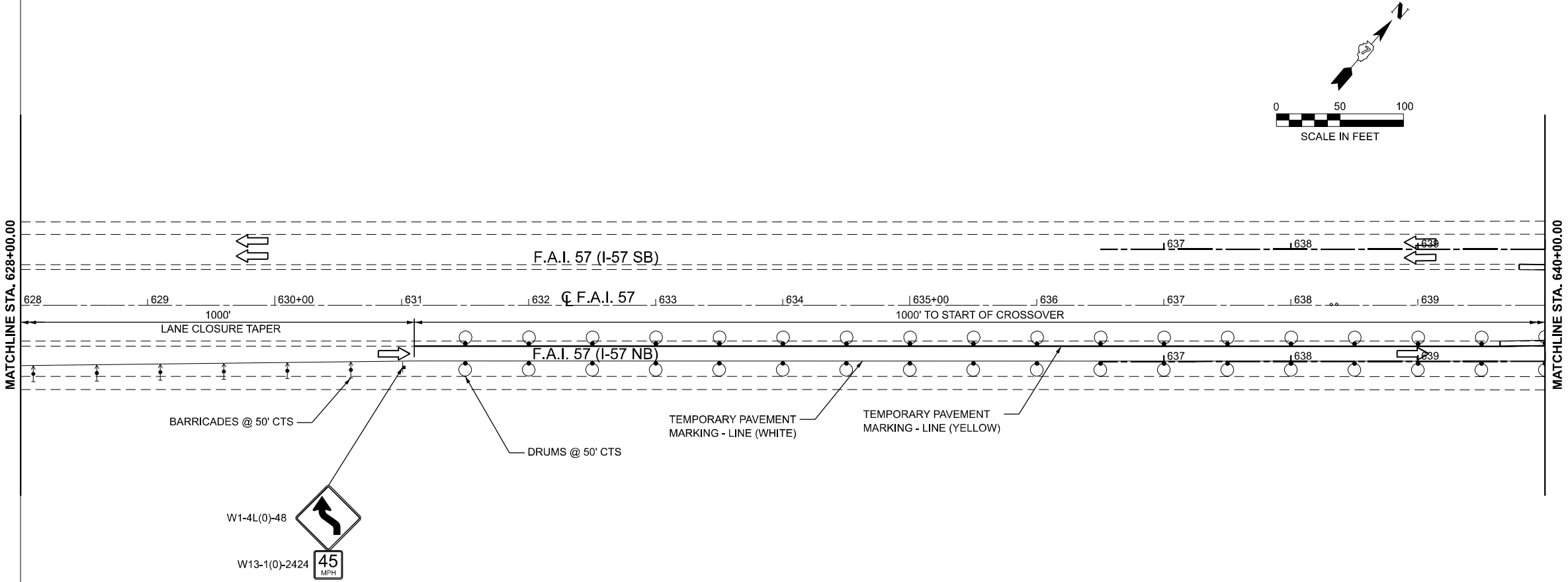
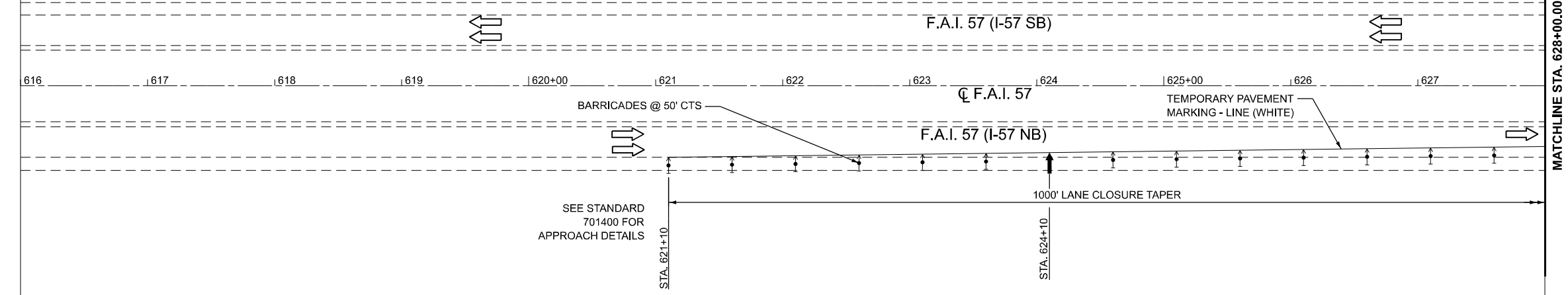
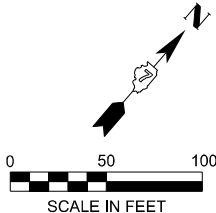
LEGEND

- ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- TEMPORARY CONCRETE BARRIER
- TRAILER MOUNTED DISPLAY
- TYPE II BARRICADE
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH FLASHING LIGHTS
- VERTICAL PANEL
- WORK AREA



LEGEND

- ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
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- TYPE III BARRICADE
- TYPE III BARRICADE WITH FLASHING LIGHTS
- VERTICAL PANEL
- WORK AREA



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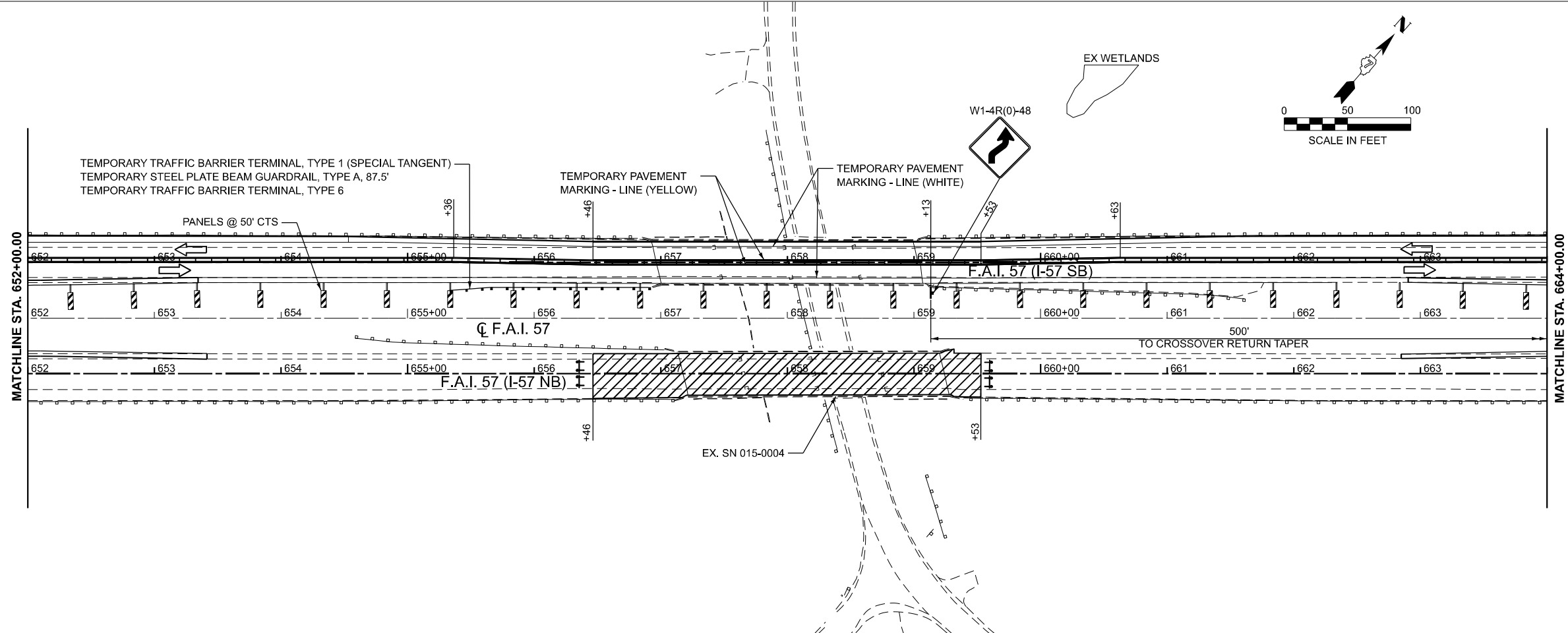
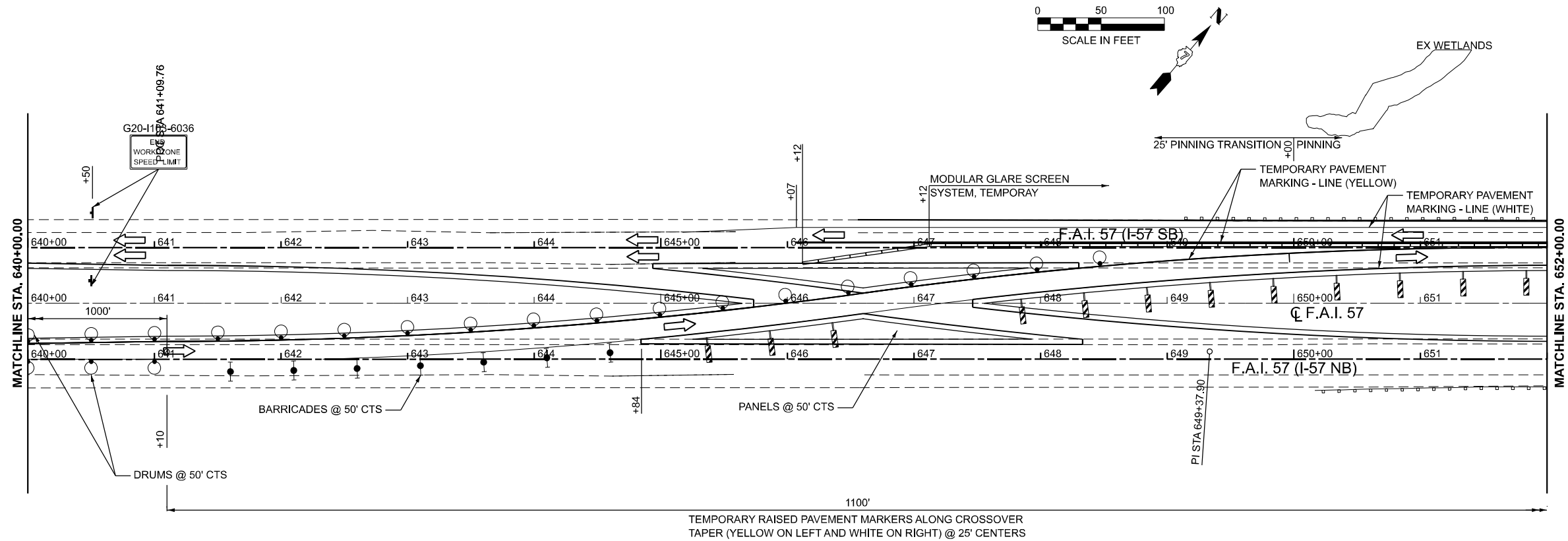
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1"=50' SHEET 2 OF 13 SHEETS STA. 640+00.00 TO STA. 664+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	38
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



MODEL: EXCL - STAGE1 PL-2
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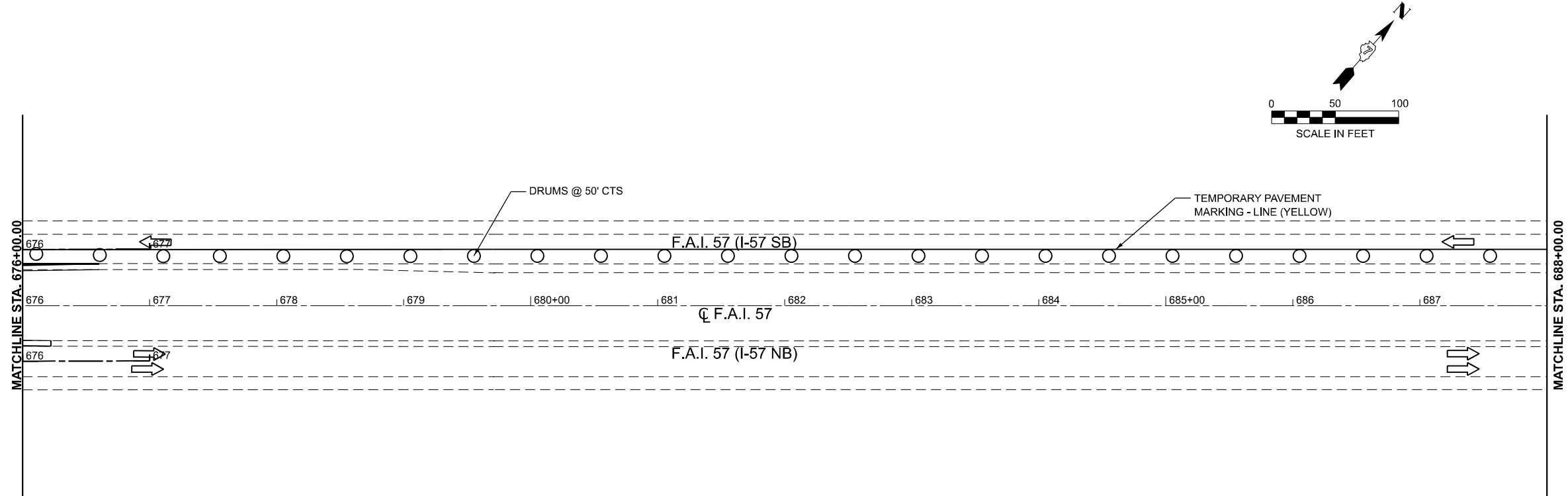
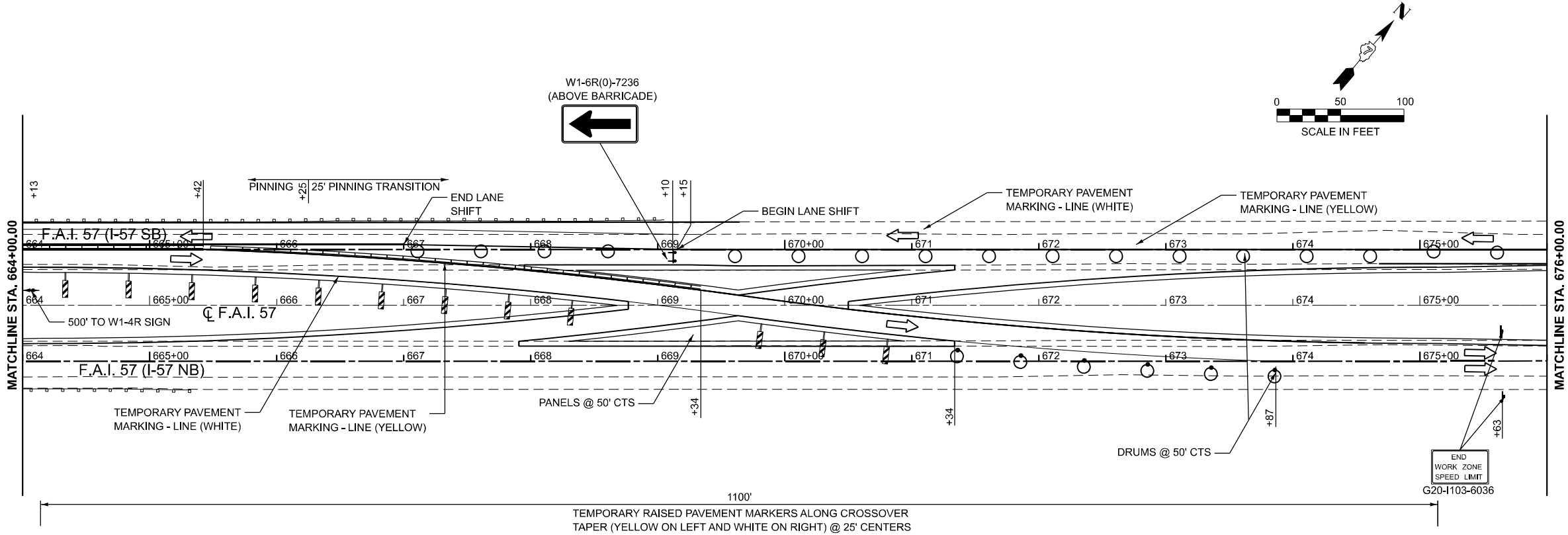
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		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 664+00.00 TO STA. 688+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	39
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



MODEL: EXCL - STAGE1 PL-3
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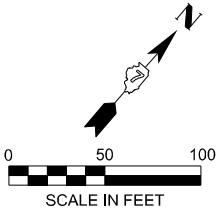
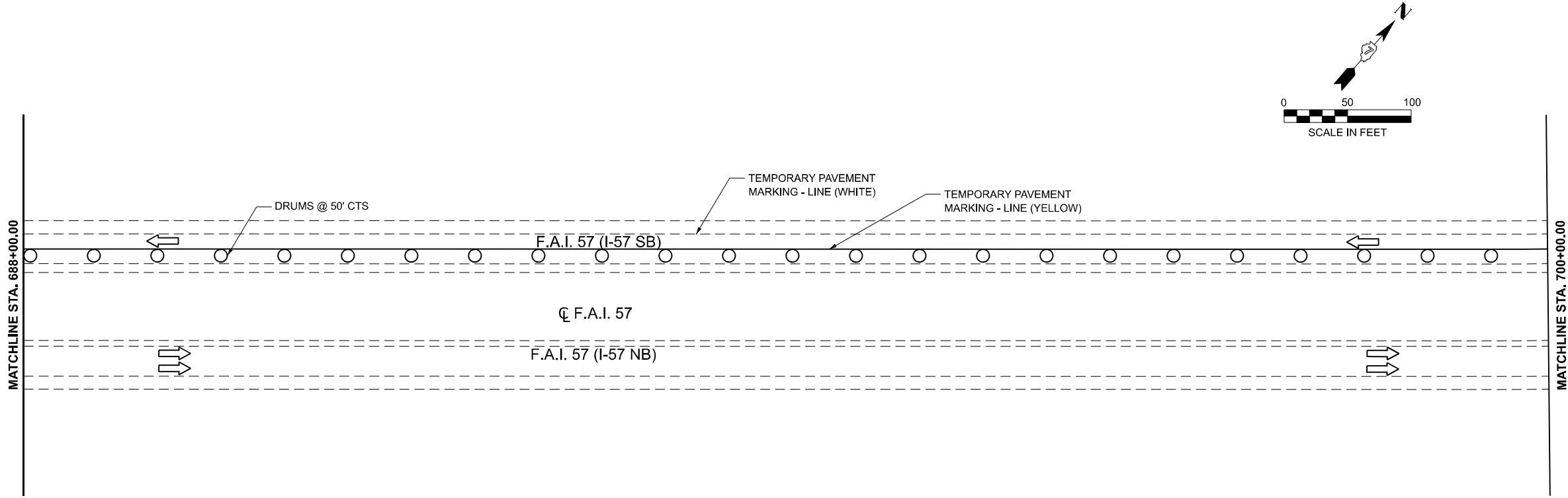
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PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

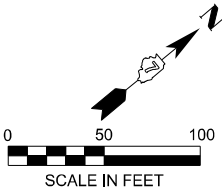
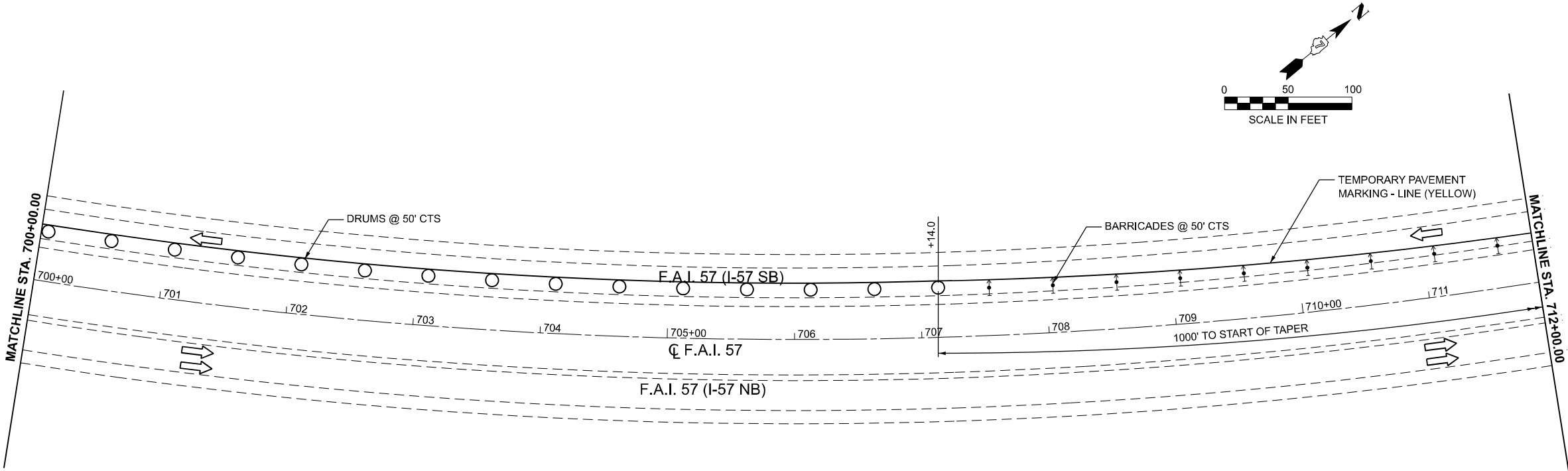
MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 688+00.00 TO STA. 712+00.00

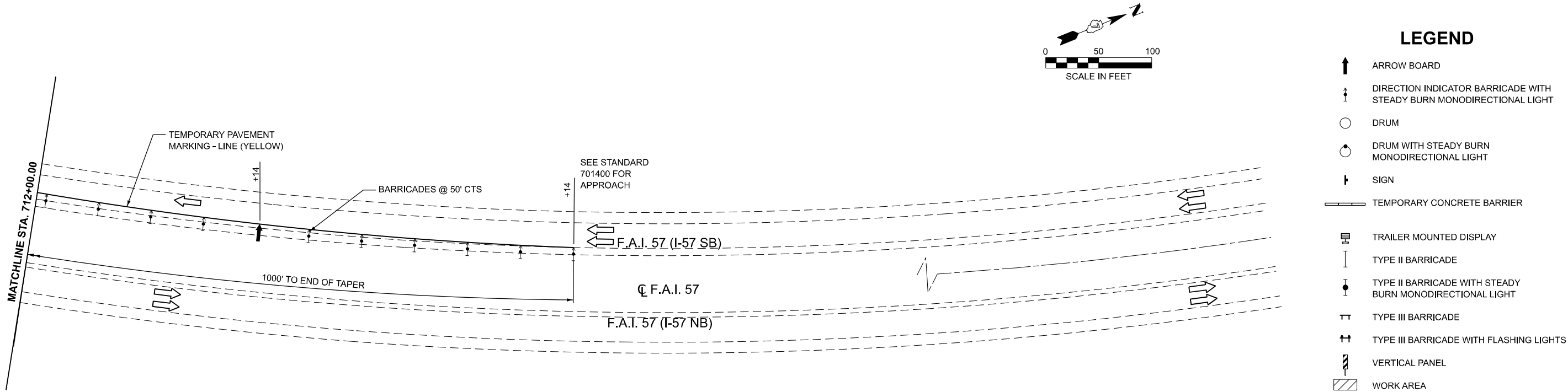
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57	(15-22VB)BR	COLES	158	40
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	



- LEGEND
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- TEMPORARY CONCRETE BARRIER
- TRAILER MOUNTED DISPLAY
- TYPE II BARRICADE
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH FLASHING LIGHTS
- VERTICAL PANEL
- WORK AREA



- LEGEND
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DRUM
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- SIGN
- TEMPORARY CONCRETE BARRIER
- TRAILER MOUNTED DISPLAY
- TYPE II BARRICADE
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH FLASHING LIGHTS
- VERTICAL PANEL
- WORK AREA



MODEL: EXCL - STAGE1 PL-4
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CIVIL DESIGN, INC.

WBE DBE

EFFINGHAM, IL

LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1"=50' SHEET 5 OF 13 SHEETS STA. 712+00.00 TO STA. 724+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	41
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	

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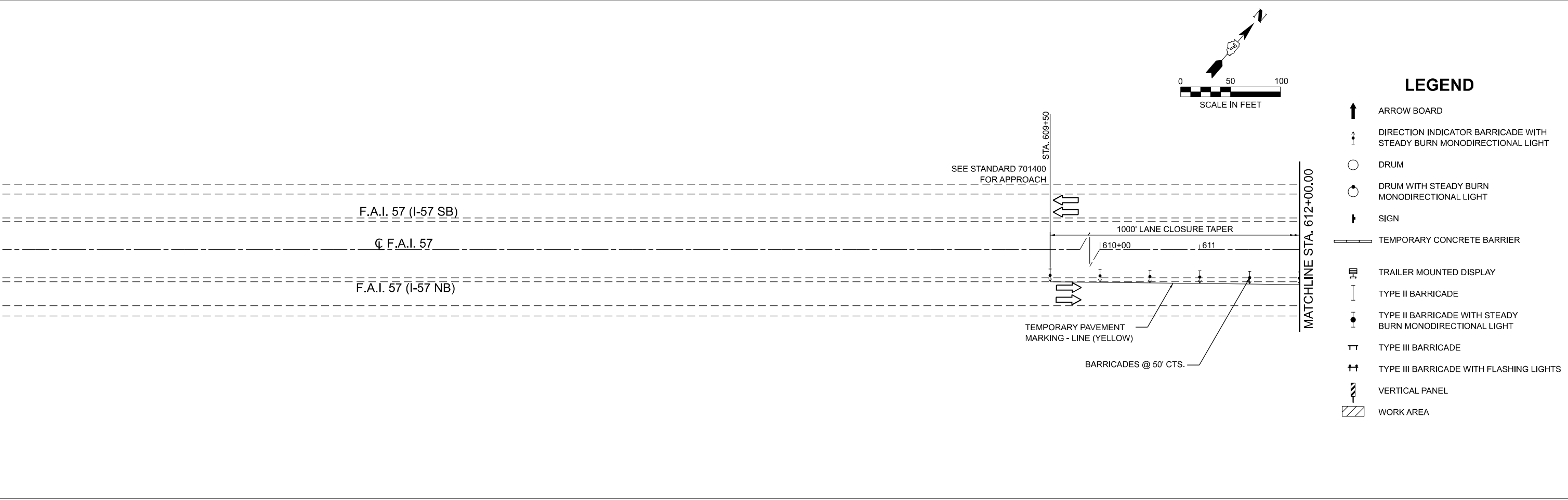
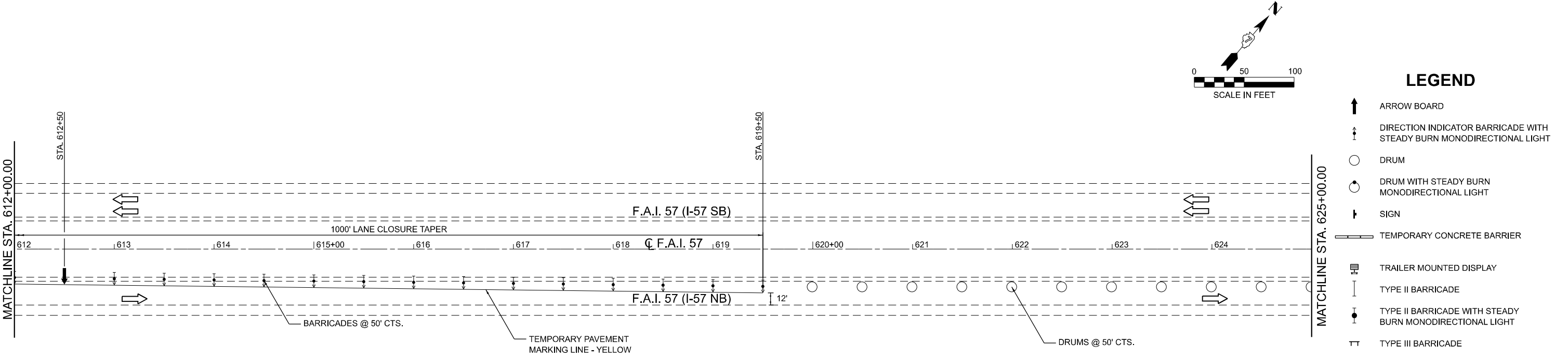
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

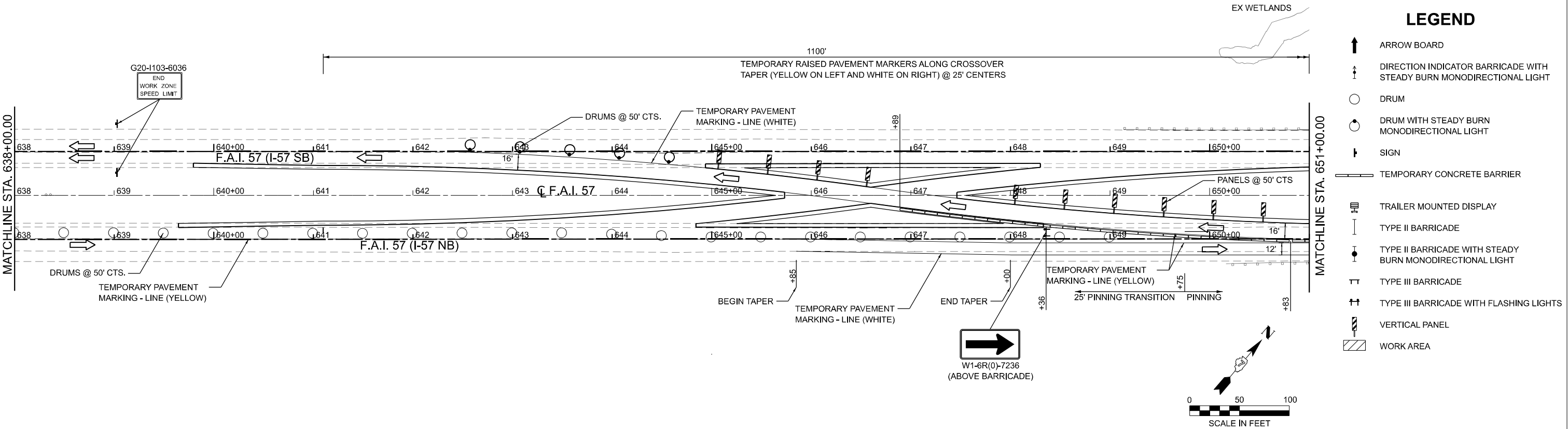
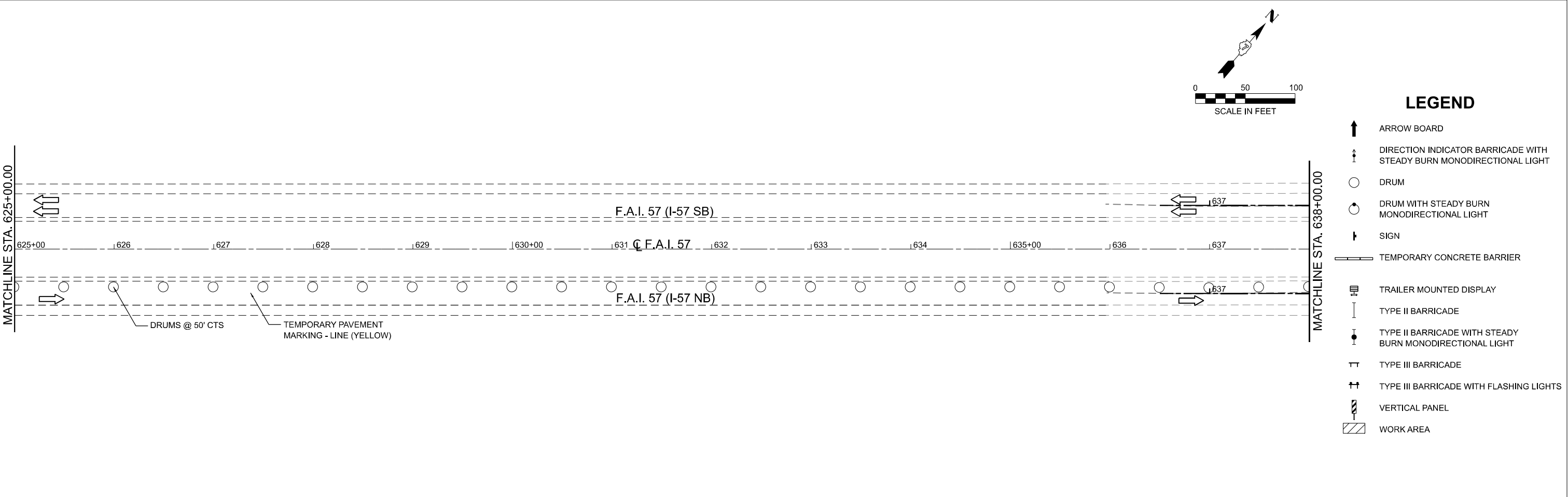
MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 599+00.00 TO STA. 625+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	42
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	

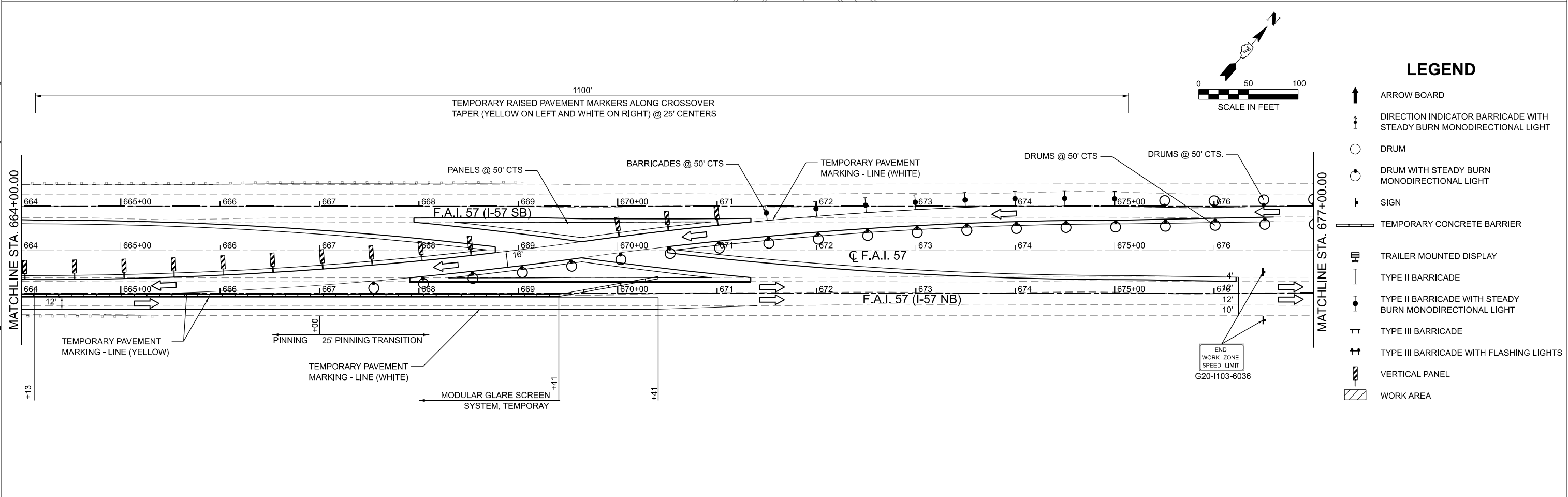
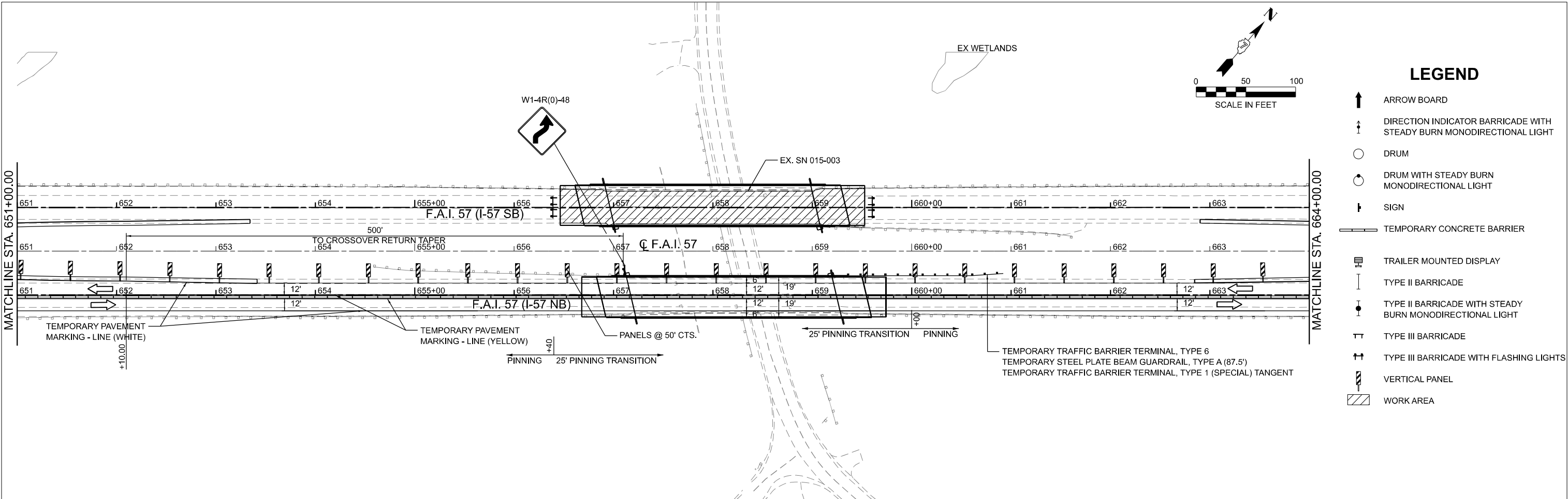


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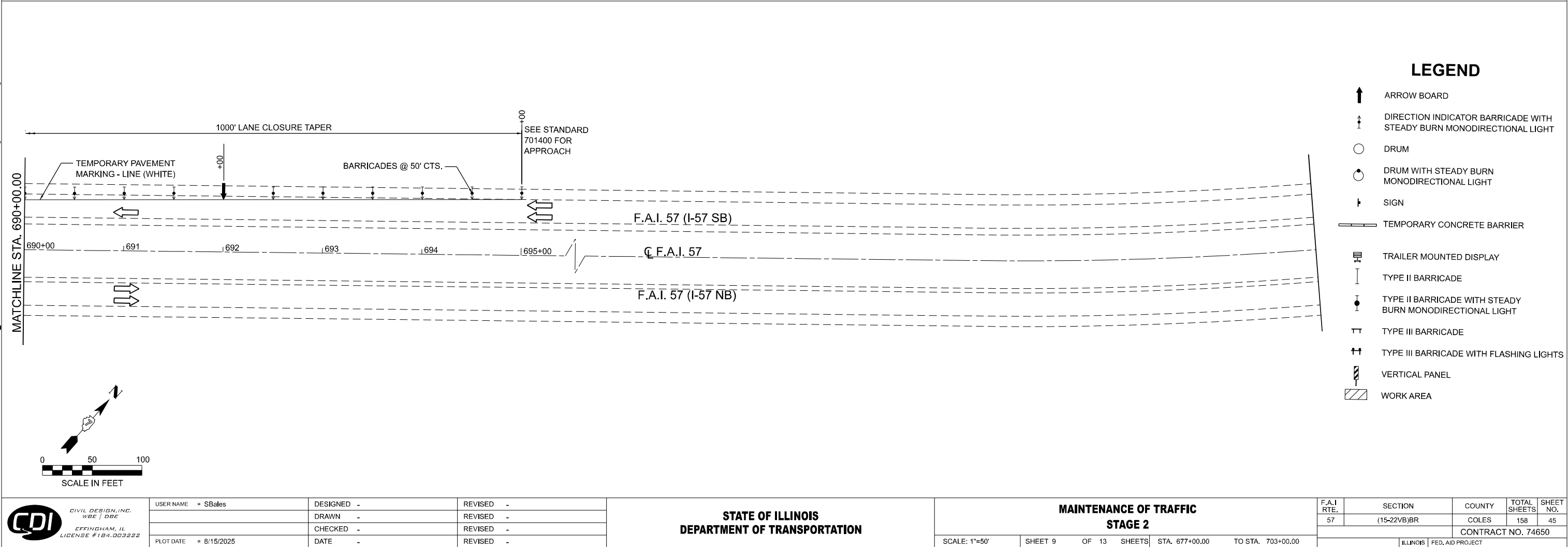
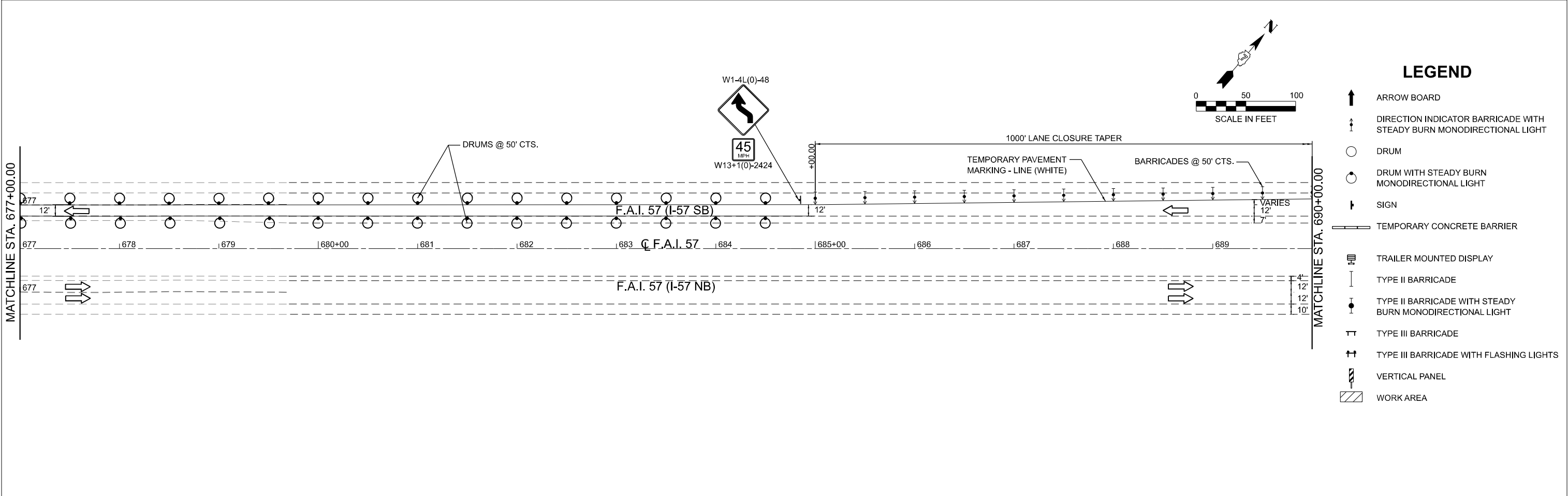
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			CHECKED -	REVISED -					CONTRACT NO. 74650				
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MODEL: EXCL - MOT STG2 Plan 3 [Sheet]
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 CIVIL DESIGN, INC. WBE DBE EFFINGHAM, IL LICENSE #184.003222	USER NAME = SBales		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CHECKED -	REVISED -						CONTRACT NO. 74650				
	PLOT DATE = 8/15/2025		DATE -	REVISED -		SCALE: 1"=50'	SHEET 8	OF 13 SHEETS	TO STA. 677+00.00	ILLINOIS FED. AID PROJECT				

MODEL: EXCL - MOT STG2 Plan 4 [Sheet]
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1"=50' SHEET 9 OF 13 SHEETS STA. 677+00.00 TO STA. 703+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	45
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

WIDTH RESTRICTION SIGNAGE DETAIL

SOUTHBOUND I-57



SEE SPECIAL PROVISIONS
FOR ADDITIONAL DETAILS.
ADD THE FOLLOWING
TO THE BOTTOM OF SIGNS 2 & 3:
"SB I-57 → "

NORTHBOUND I-57



SEE SPECIAL PROVISIONS
FOR ADDITIONAL DETAILS.

MODEL: Detail - WidthRestrictionSignage [Sheet]
FILE NAME: P:\0870012_IDOT - PTB 208-36 D7 W02\Design\CAD\Sheets\ID74650-sh-WidthRestrictionSigns.dgn

ClarkDietz
DESIGN FIRM REGISTRATION
No. 164-006450

125 WEST CHURCH STREET
CHAMPAIGN, IL 61820
PHONE: 217.373.6900
www.clarkdietz.com

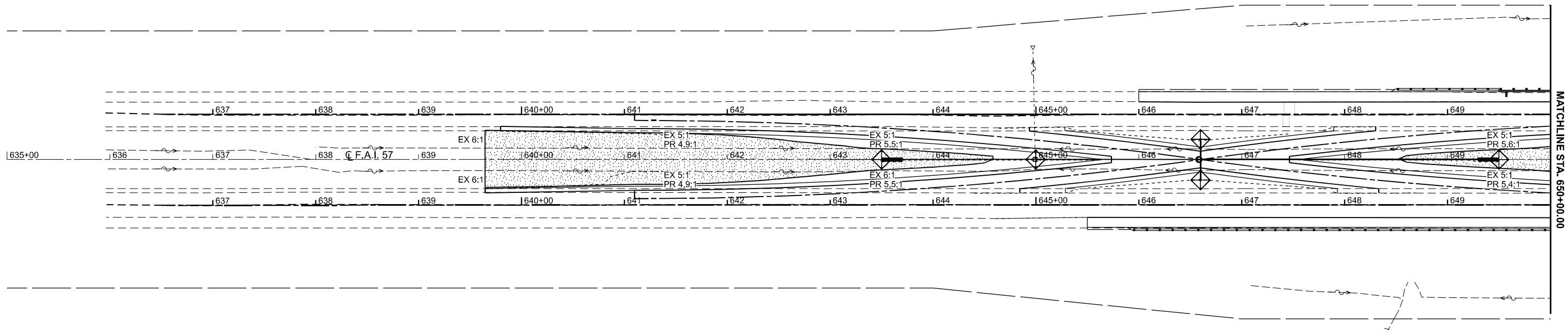
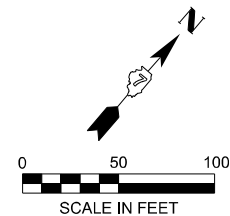
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/14/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNAGE DETAIL

SCALE: NO SCALE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	46
CONTRACT NO. 74650				
ILLINOIS		FED. AID PROJECT	NHPP-7FG0(942)	



LEGEND

- SEEDING, CLASS 2A (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET

MODEL: EXCL - EROSION CONTROL-1 [Sheet]
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Diez\Work Order 2\CADD Data\Sheet\0774650-erosion-control-sht.dgn



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

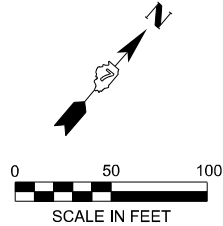
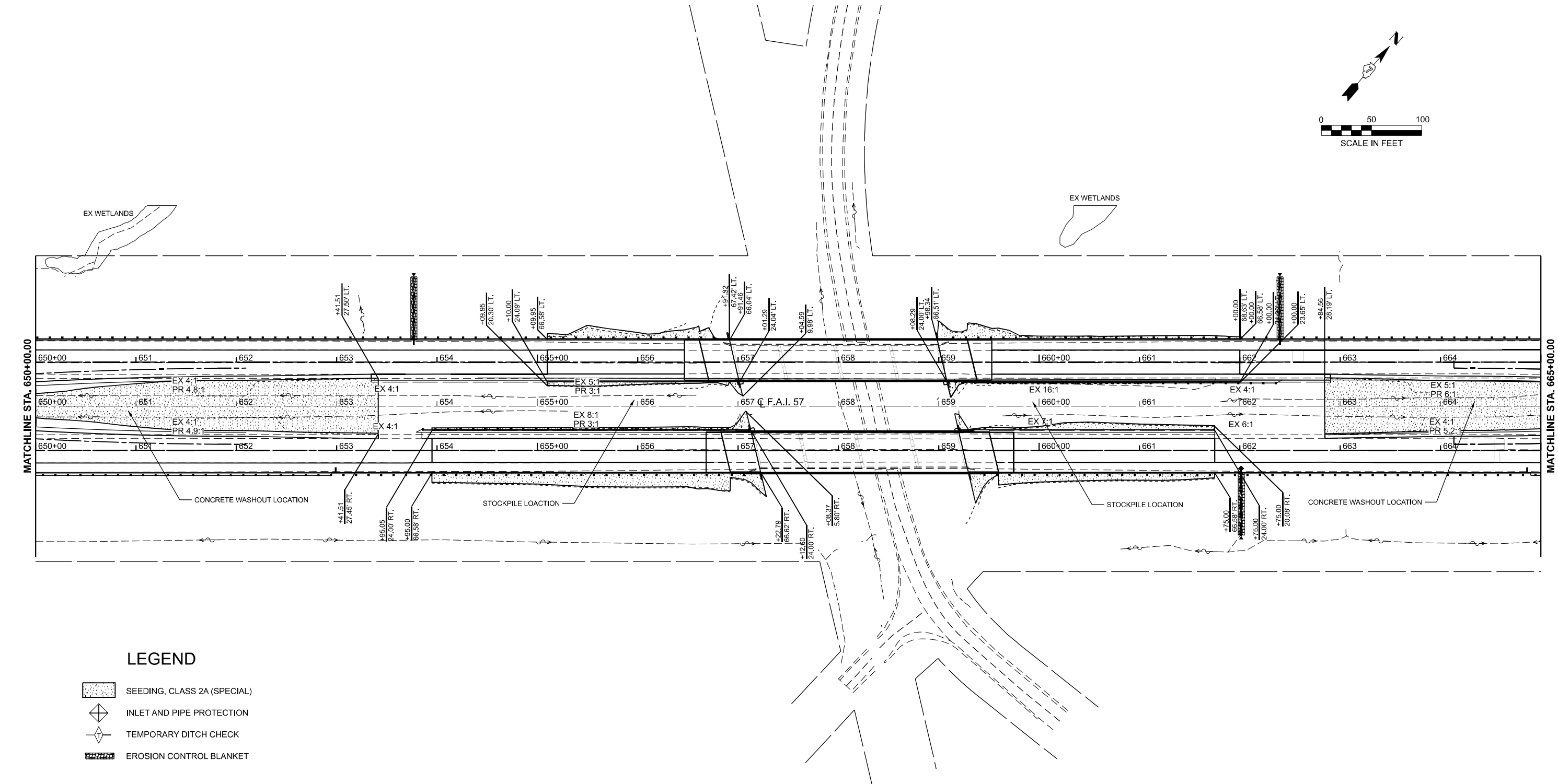
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
I-57

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 635+00.00 TO STA. 650+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	47
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	

MODEL: EXCL - EROSION CONTROL-2 [Sheet]
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LEGEND

- SEEDING, CLASS 2A (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET



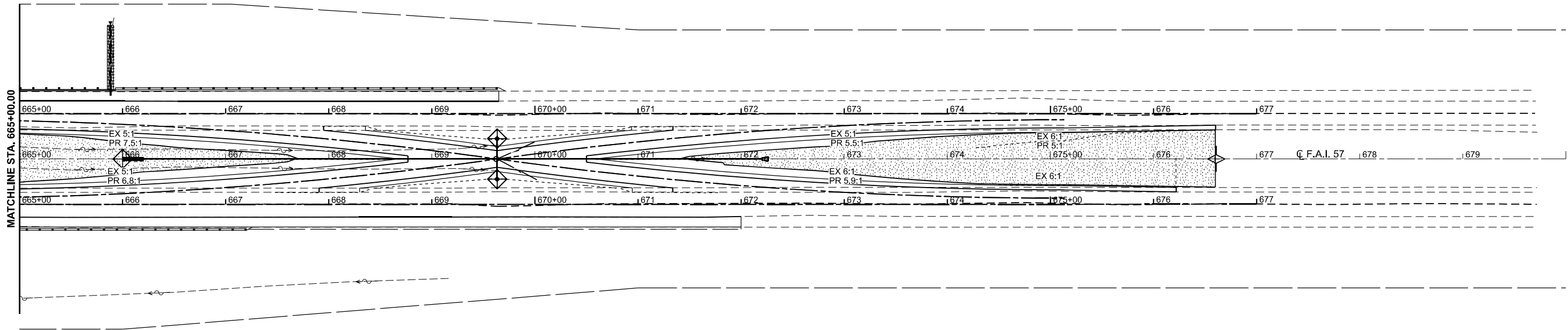
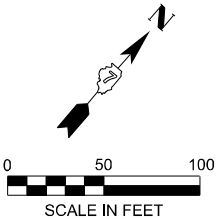
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	DRAWN -	REVISED -
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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL
I-57

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 650+00.00 TO STA. 665+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	48
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



LEGEND

- SEEDING, CLASS 2A (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET

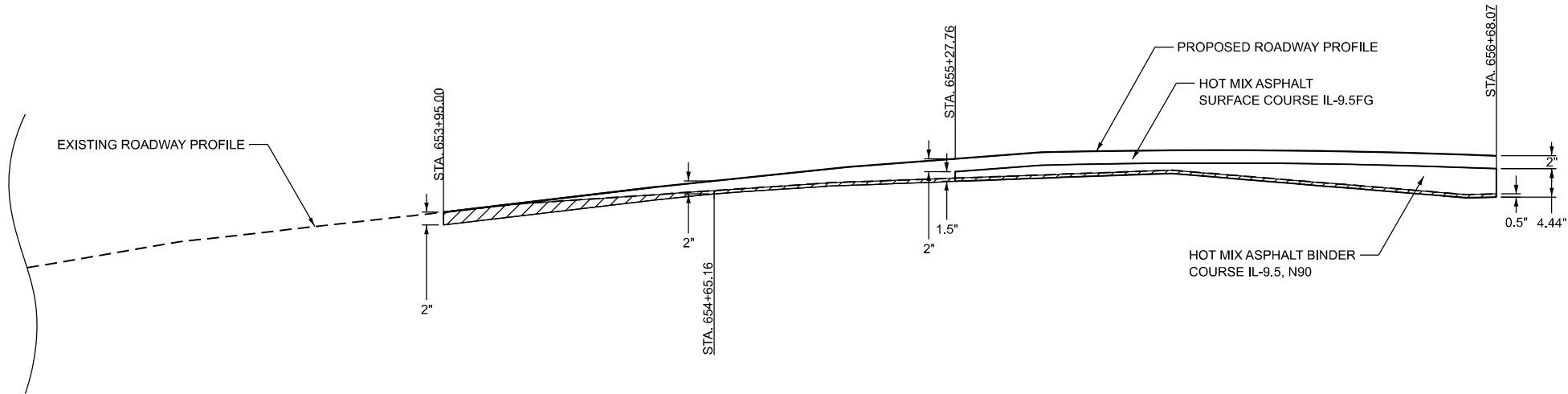
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FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\0774650-erosion-control-sht.dgn

CIVIL DESIGN, INC. WBE / DBE EFFINGHAM, IL LICENSE #184.003222	USER NAME = SBales		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL I-57			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVIS	ED					57	(15-22VB)BR	COLES	158	49
	PLOT SCALE = \$SCALE\$		CHECKED -	REVISED -		SCALE: 1"=50'			CONTRACT NO. 74650				
	PLOT DATE = 8/15/2025		DATE -	REVISED -		SHEET 3	OF 3	SHEETS	STA. 665+00.00	TO STA. 680+00.00		ILLINOIS	FED. AID PROJECT

NOTES:

SEE PLAN & PROFILE SHEET FOR EXISTING AND
PROPOSED PAVEMENT GRADES

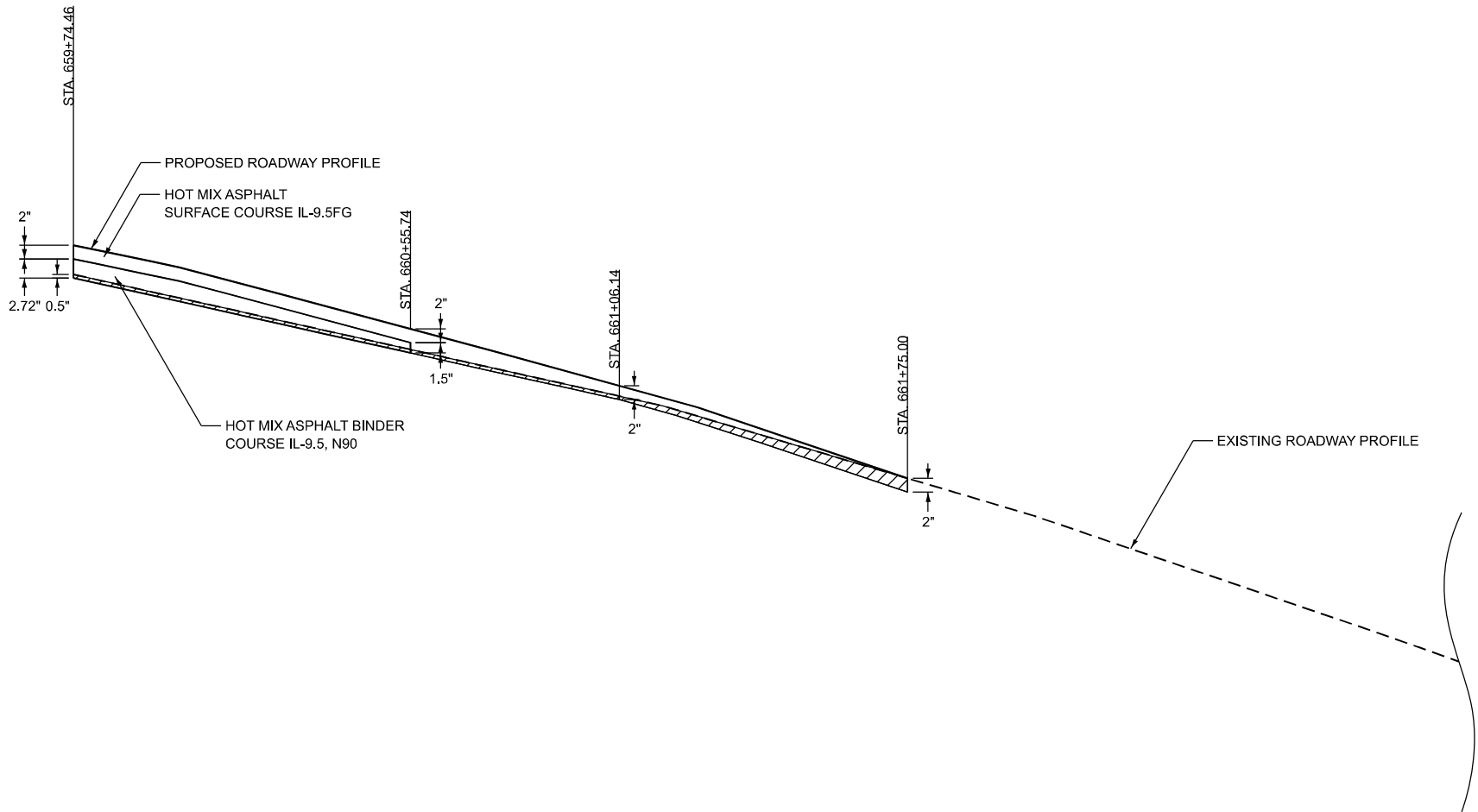
NOT TO SCALE



LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH



MODEL: NB PAVING DETAIL 1 (Sheet)
FILE NAME: P:\6XXXX\64XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Diez\Work Order 2\CADDD Data\Sheets\074650-hma-but-joint-detail-sh.dgn



USER NAME = ebohnhoff	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVING DETAILS
I-57 NB

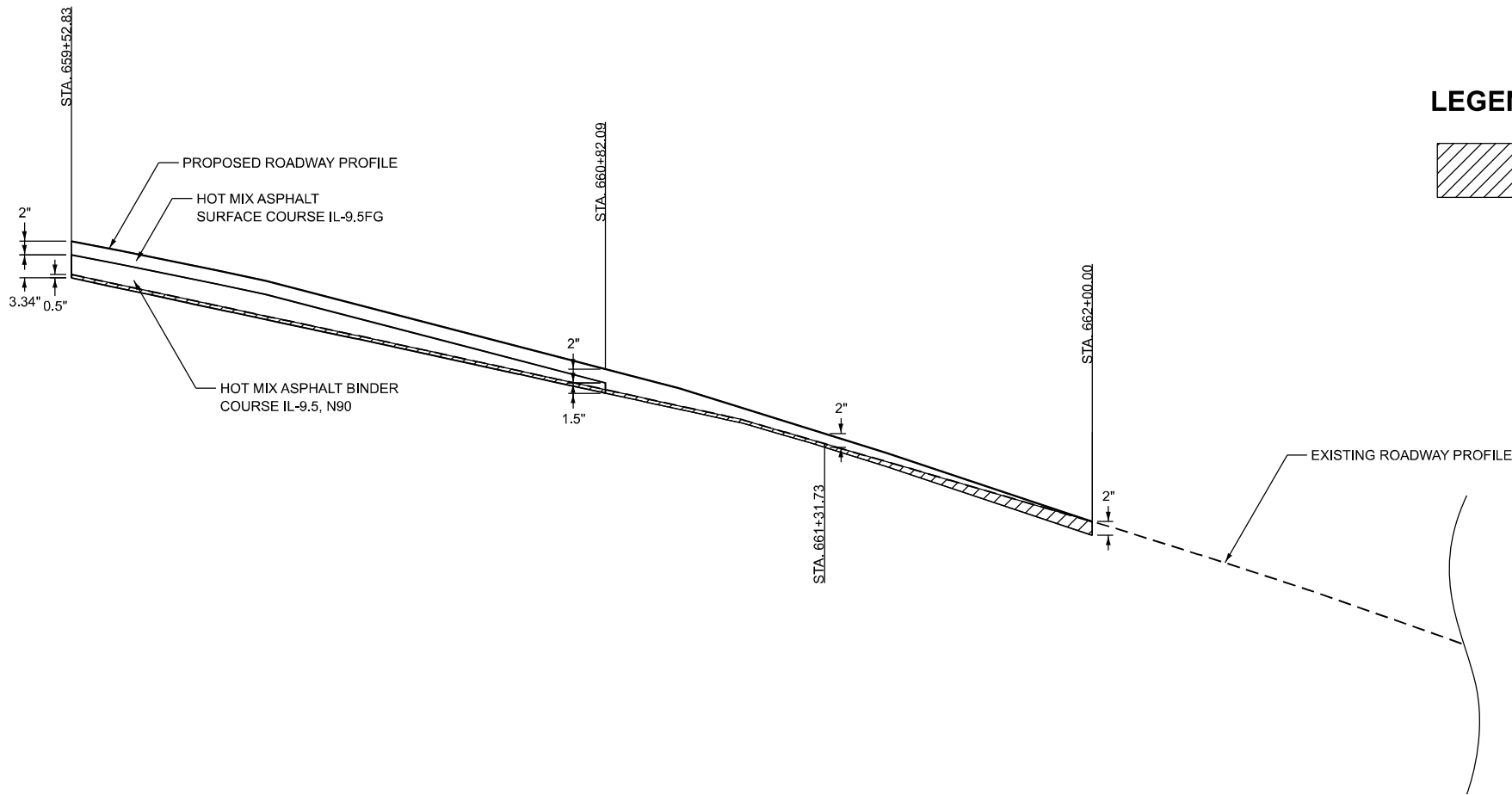
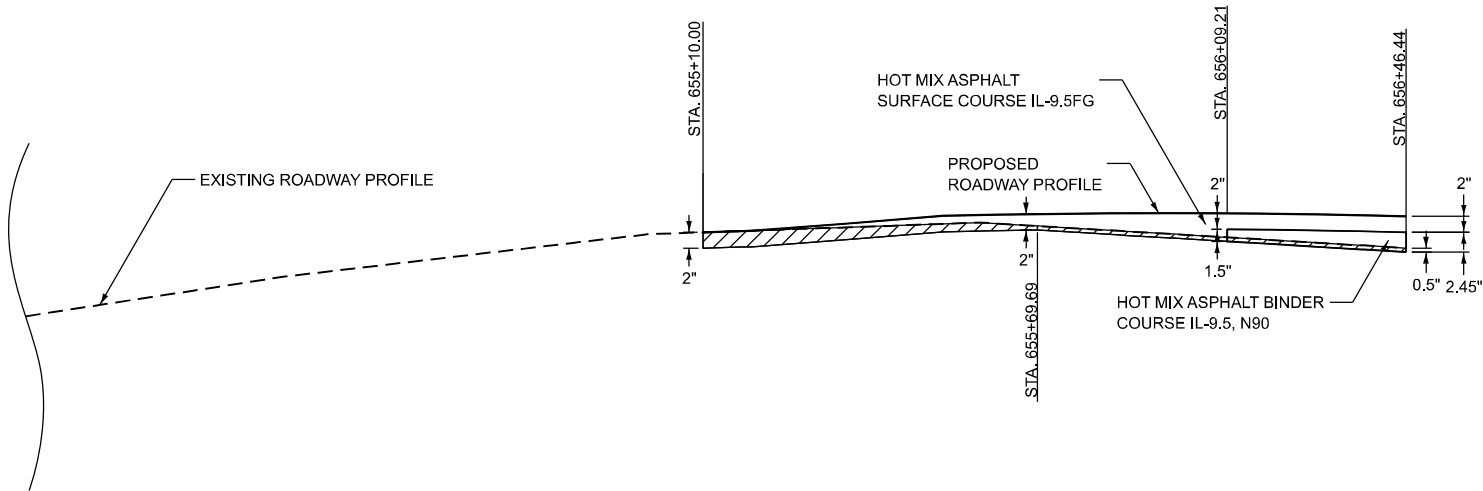
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	50
CONTRACT NO. 74650				
		ILLINOIS	FED. AID PROJECT	

NOTES:

SEE PLAN & PROFILE SHEET FOR EXISTING AND PROPOSED PAVEMENT GRADES

NOT TO SCALE



LEGEND



HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH

MODEL: SR PAVING DETAIL 1 (Sheet)
FILE NAME: P:\6XXXX\64XX\55XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Diez\Work Order 2\CADDD Data\Sheets\074650-hma-but-joint-detail-shd.dgn



CIVIL DESIGN, INC.
WBE DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

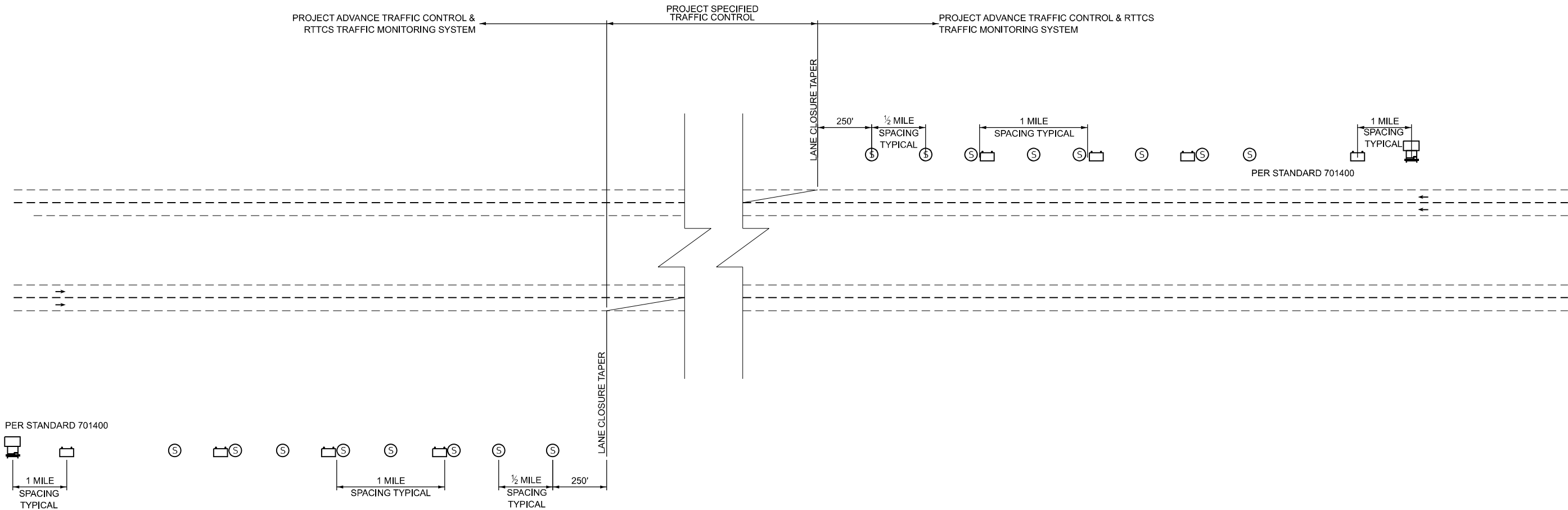
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVING DETAILS
I-57 SB

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	51
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: RTTCS [Sheet]
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Dietz\Work Order 2\CADDD Data\Sheet\074650-RTTCS-sh1.dgn



LEGEND

-  REAL-TIME TRAFFIC CONTROL WARNING SIGN 48" X 96" (1200MM X 2400MM) WARNING SIGN THAT SAYS "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 5 MILES AHEAD" THIS PORTABLE CHANGEABLE MESSAGE SIGN IS INCLUDED IN STANDARD 701400
-  REAL-TIME TRAFFIC CONTROL SENSOR UNIT

NOTES

- THE NUMBER OF REAL-TIME TRAFFIC CONTROL WARNING SIGNS MAY BE CHANGED AS DIRECTED BY THE ENGINEER. RELOCATION OF REAL-TIME TRAFFIC CONTROL STATIC WARNING SIGNS IS INCLUDED IN THE REAL-TIME TRAFFIC CONTROL PAY ITEMS.
- REAL-TIME TRAFFIC CONTROL MONITORING SENSOR UNITS SPACED APPROXIMATELY EVERY 1/2 MILE AND REAL-TIME TRAFFIC CONTROL WARNING SIGNS SPACED EVERY 1 MILE OR AS DIRECTED BY THE ENGINEER.
- THE FIRST REAL-TIME TRAFFIC MONITORING SENSOR UNIT IS TO BE PLACED 250 FEET UPSTREAM OF THE TAPER.
- THE SECOND REAL-TIME SPEED TRAFFIC MONITORING SENSOR UNIT IS TO BE PLACED 250 FEET IN ADVANCE OF THE RIGHT LANE/LEFT LANE CLOSED 1/2 MILE SIGN. (STD. 7014001).
- THE FIRST REAL-TIME TRAFFIC CONTROL WARNINGS SIGN SHOULD BE PLACED 500 FEET IN ADVANCE OF THE RIGHT/LEFT LANE CLOSED 1 MILE SIGN (ST. 701400)
- THE NUMBER OF RTTCS DEVICES MAY BE REDUCED BASED ON THE LOCATION OF THE PORTABLE CHANGEABLE MESSAGE SIGN PER (STD. 701400) AS DIRECTED BY THE ENGINEER.



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/14/2025	DATE	-	REVISED	-

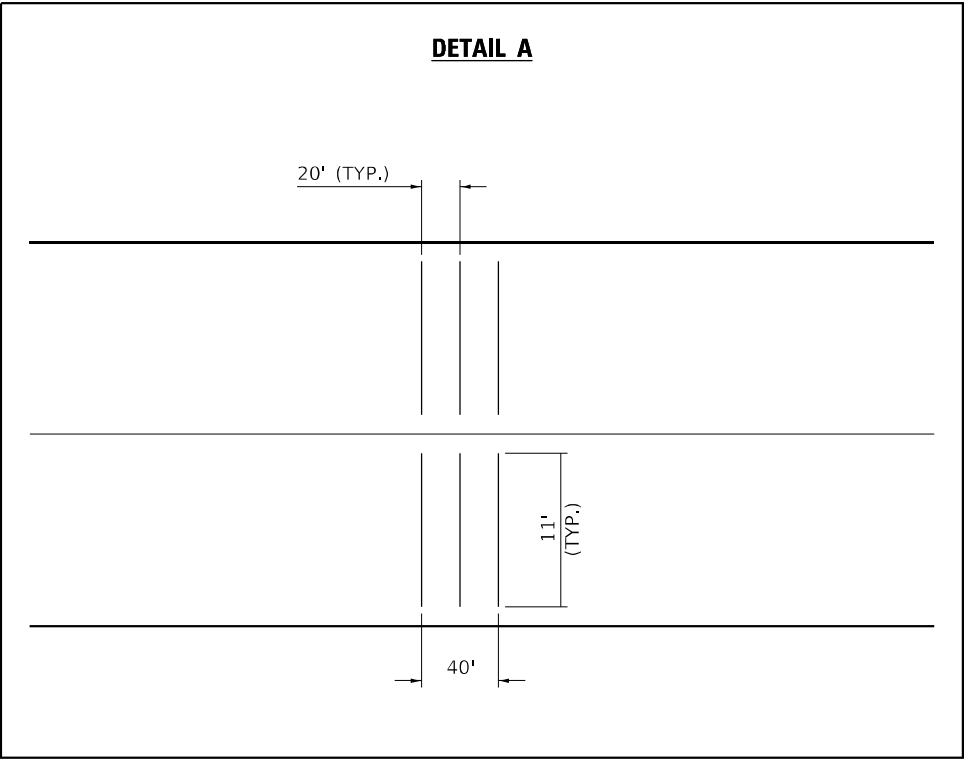
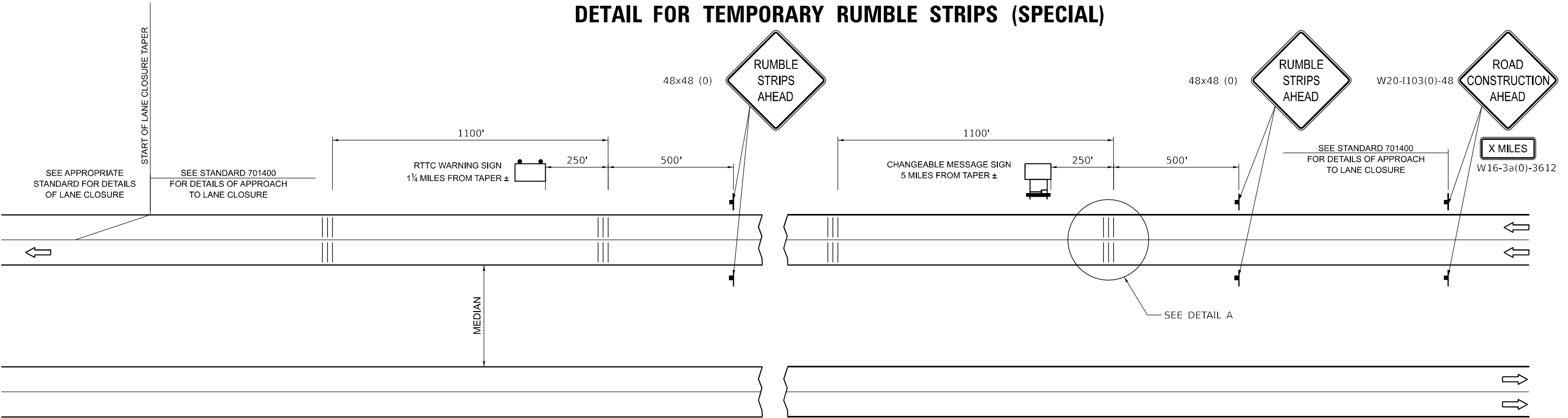
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REAL TIME TRAFFIC CONTROL SYSTEM

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	52
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

DETAIL FOR TEMPORARY RUMBLE STRIPS (SPECIAL)



SYMBOLS

- SIGN
- TEMPORARY RUMBLE STRIPS (SPECIAL)
- TRAILER MOUNTED SIGN
- RTTC WARNING SIGN

GENERAL NOTES

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

MODEL: TEMPORARY RUMBLE STRIPS (SPECIAL)
FILE NAME: P:\6XXXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Diez\Work Order 2\CADDD Data\Sheet\0774650-RTTCS-sh1.dgn



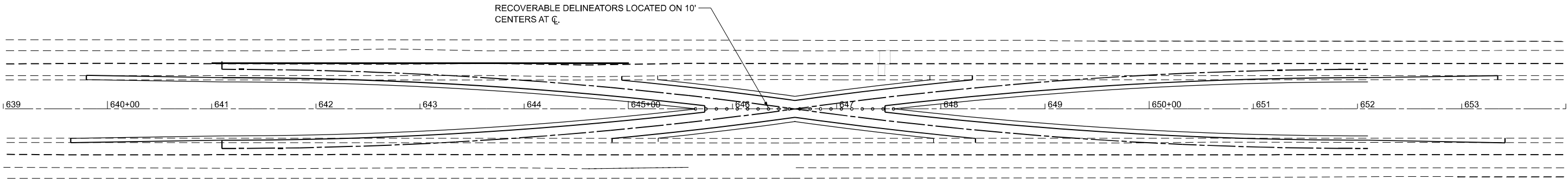
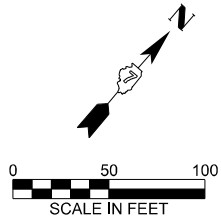
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PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

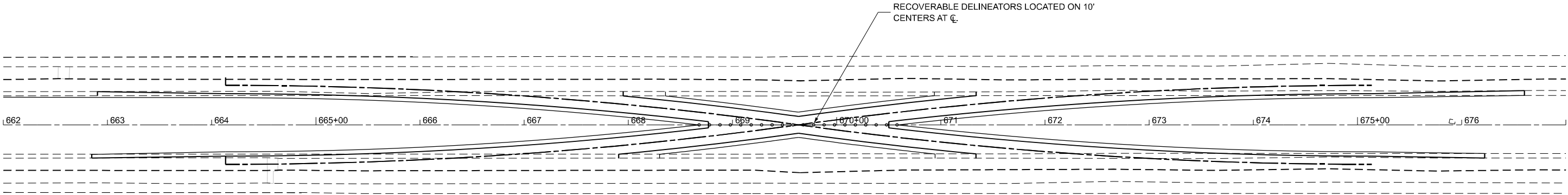
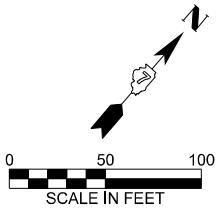
TEMPORARY RUMBLE STRIPS (SPECIAL)

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	53
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



SOUTH MEDIAN CROSSOVER CLOSURE PLAN



NORTH MEDIAN CROSSOVER CLOSURE PLAN

MODEL: EXCL - Plan 1 [Sheet]
FILE NAME: P:\6XXXX\64XX-55XX\6424 - IDOT PTB 208-036 D7 VV_Clarke Diez\Work Order 2\CADD Data\Sheets\0774650-crossover-closure-sht.dgn



CIVIL DESIGN, INC.
WBE DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
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PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

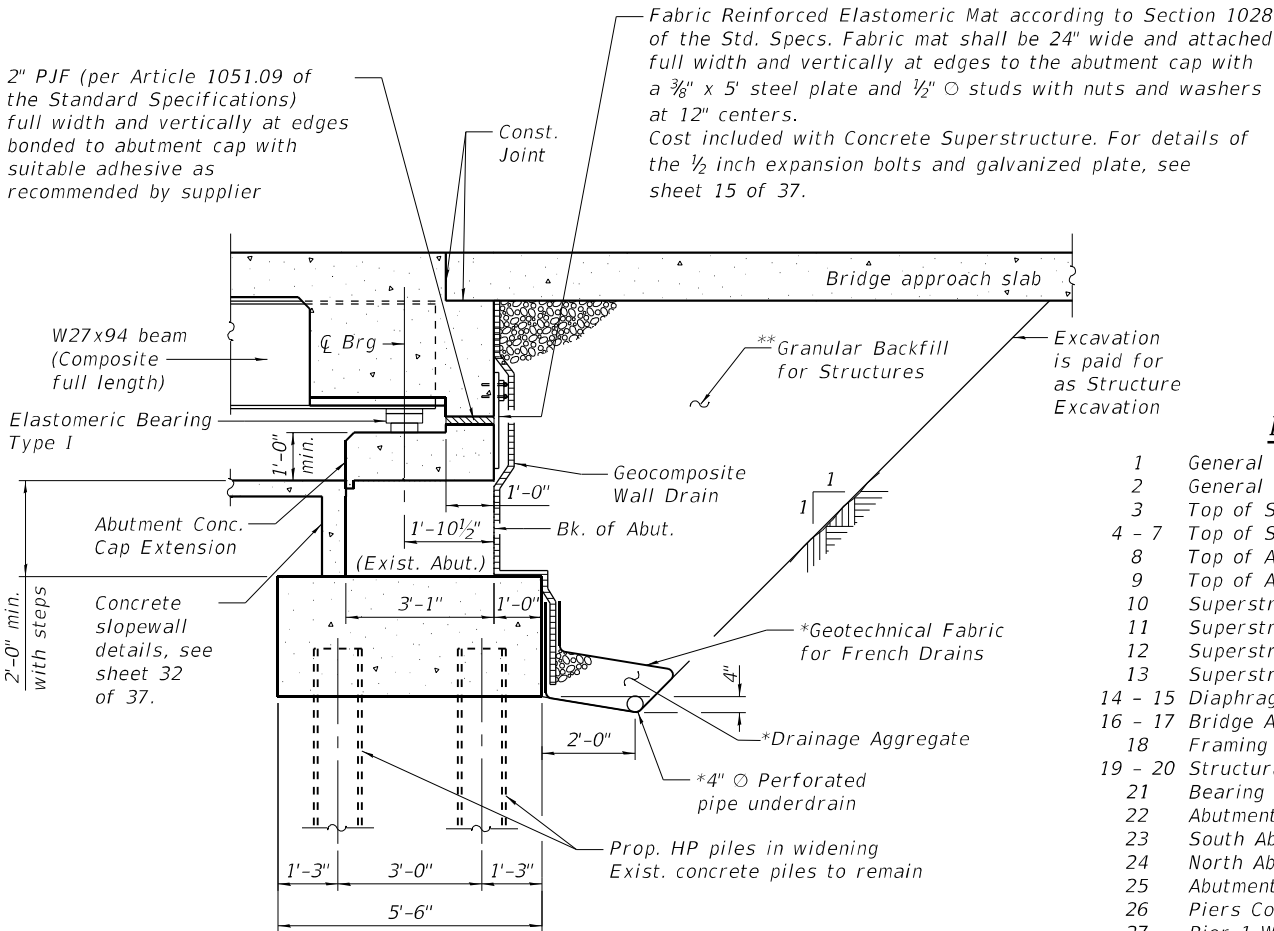
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER CLOSURE PLAN

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 639+00.00 TO STA. 677+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	54
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FILE NAME = I:\2022\2203\01.06 IDOT D7 - PTB 203-037 - W06 - Callis County 74650 - Phase II\CADD\dwg\CA\Sheet\isuse SS1010150003_0001-74650-02-Gen-data.dgn
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PLOT DRIVER = SPLTRV55

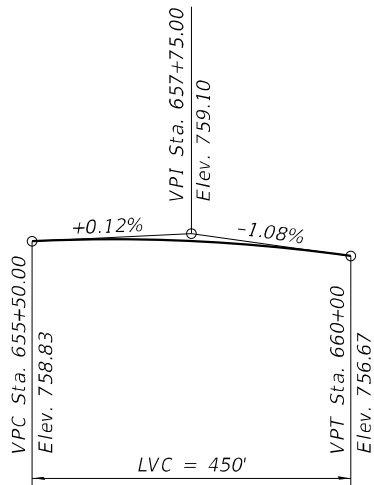


SECTION THRU SEMI-INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures 4".

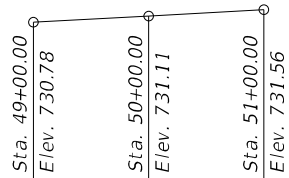
**Granular backfill behind the abutments shall be compacted according to Article 205.06 of the Standard Specifications.

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).

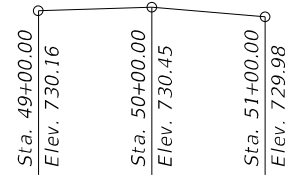


PROFILE GRADE
(along I-57 SB/NB PGL's)

Note:
Up to 1/4 inch to be ground off the bridge deck and the bridge approach slabs. The Profile Grade shows the final elevations after grinding.



PROFILE GRADE
(C.G.R.R. - Top of high rail)



PROFILE GRADE
(T.R. 86/Fairway View Circle)

GENERAL NOTES

Both structures stationing and span lengths were derived from survey data and differ from the stations and span lengths shown in the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

All new structural steel shall be galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel."

Fasteners shall be ASTM F 3125 Grade A325 Type 1, hot-dipped galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel." Bolts 7/8 in. diameter, holes 1 1/8 in. diameter, unless otherwise noted.

Calculated weight of Structural Steel= 269,620 lbs. (M270 Grade 50)

Calculated weight of Structural Steel= 50,370 lbs. (M270 Grade 36).

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

The finishing machine rails shall be placed on the top of the top flange of the exterior beams within the deck pour. Beam blocks shall be placed between beams at all tie locations in each bay for the full width of the deck pour.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

Concrete Sealer shall be applied to the designated areas of the widened piers. The Concrete Sealer shall be a "film forming" type for horizontal surfaces."

SCOPE OF WORK

1. Remove existing superstructures and approach slabs.
2. Reconfigure abutments and wingwalls to semi-integral configuration.
3. Reconfigure and extend piers to support widened superstructure & extend crashwall heights on piers 2 & 3.
4. Apply Concrete Sealer to designated areas of widened piers.
5. Remove and replace existing slopewalls.
6. Install new superstructures and approach slabs.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Aggregate Base Course, Type B	Cu. Yd.		850	850
Removal of Existing Superstructures No. 1	Each	1		1
Removal of Existing Superstructures No. 2	Each	1		1
Concrete Removal	Cu. Yd.		67.6	67.6
Slope Wall Removal	Sq. Yd.		1660	1660
Structure Excavation	Cu. Yd.		784	784
Concrete Structures	Cu. Yd.		322.6	322.6
Concrete Superstructure	Cu. Yd.	652.0		652.0
Protective Coat	Sq. Yd.	2852		2852
Concrete Superstructure (Approach Slab)	Cu. Yd.	234.2		234.2
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	15,102		15,102
Reinforcement Bars, Epoxy Coated	Pound	260,330	45,860	306,190
Slope Wall 4 Inch	Sq. Yd.		1760	1760
Name Plates	Each	2		2
Elastomeric Bearing Assembly, Type I	Each		48	48
Anchor Bolts, 1"	Each		120	120
Granular Backfill for Structures	Cu. Yd.		368	368
Geocomposite Wall Drain	Sq. Yd.		176	176
Pipe Underdrains for Structures 4"	Foot		264	264
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	2254		2254
Furnishing Steel Piles HP 10x42	Foot		1910	1910
Concrete Sealer	Sq. Ft.		1740	1740
Pile Shoes	Each		30	30
Protective Shield	Sq. Yd.	892		892
Diamond Grinding (Bridge Section)	Sq. Yd.	2374		2374
Bar Terminators	Each	500		500
Driving Piles	Foot		1910	1910
Test Pile Steel HP 10x42	Each		4	4



KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
100 N. 7th Street, 3rd Floor
Springfield, IL 62702
Phone: 217-616-0244

USER NAME = rmyoung
PLOT SCALE = 0.1667" = 1' / in.
PLOT DATE = 8/19/2025

DESIGNED - SPN/MJT
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT

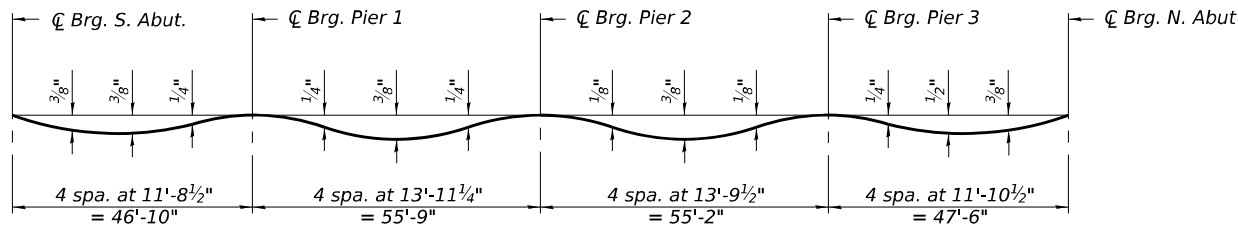
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 2 OF 37 SHEETS

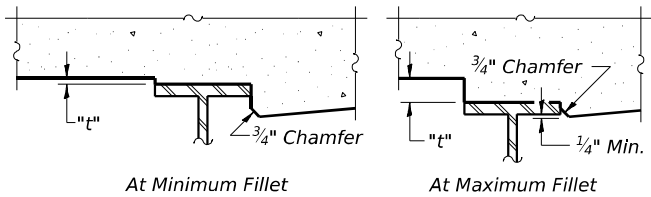
FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	56
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



DEAD LOAD DEFLECTION DIAGRAM

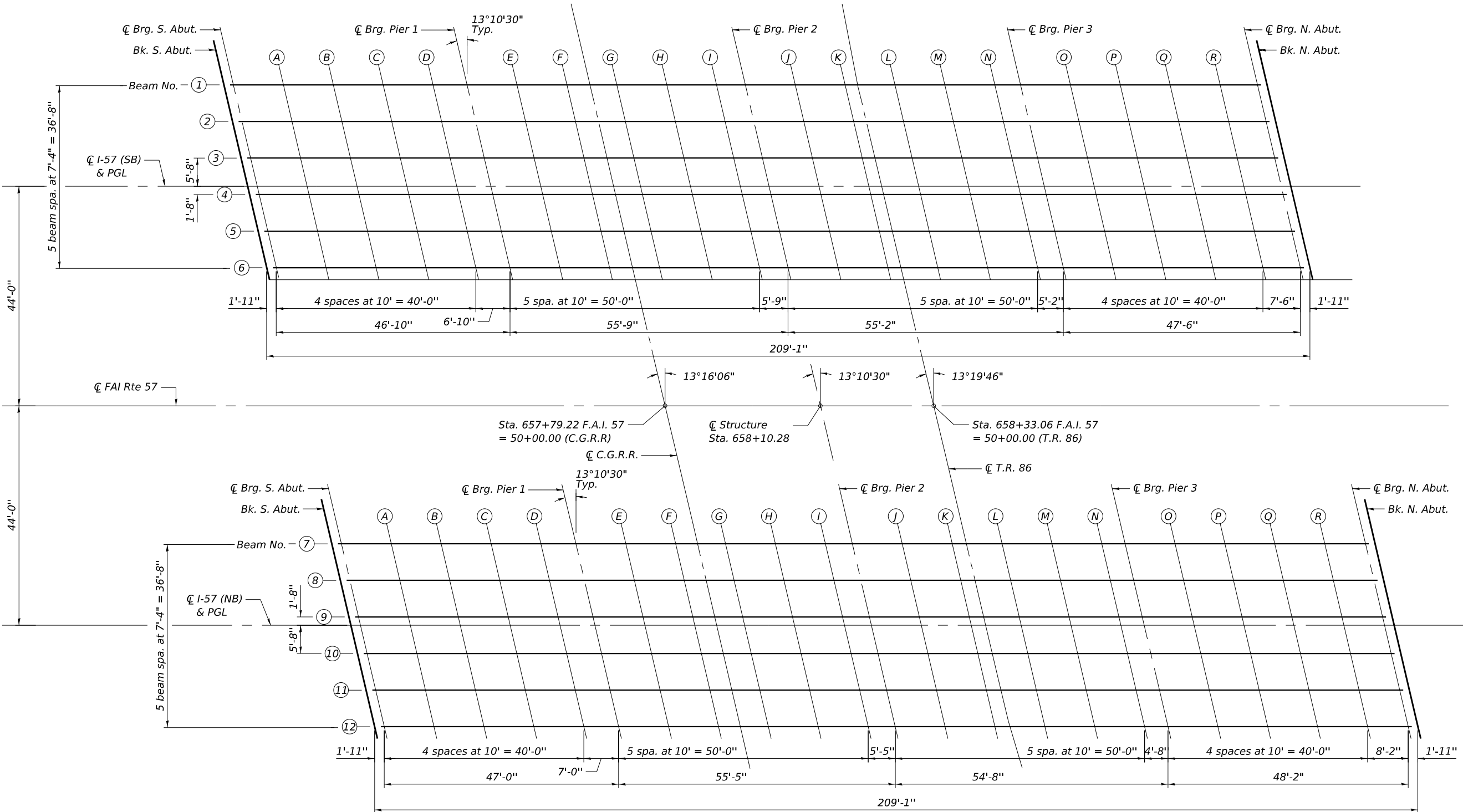
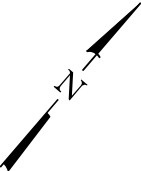
(Includes weight of concrete only.)
SN 015-0003 (SB) Shown
SN 015-0004 (NB) Similar

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 on Sheets 4 to 7 of 37.



FILLET HEIGHTS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on sheets 4 to 7 of 37, 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 on sheets 4 to 7 of 37. For grinding the deck, see Special Provisions.



PLAN

E-S1 5-15-2023

MODEL: \$MODELNAME\$
FILE NAME: \$FILEL\$



USER NAME =	SUSERS	DESIGNED -	PDA	REVISED -	
		CHECKED -	MJT	REVISED -	
PLOT SCALE =	\$SCALE\$	DRAWN -	MMY	REVISED -	
PLOT DATE =	\$DATES\$	CHECKED -	MJT/TZ	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATION PLAN
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 3 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	57
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

SDATES \$TIMES\$

MODEL: Sheet
FILE NAME: I:\2022\2034.06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\VCADData\CADSheets\use ORD\10.12\0150003_0004-74650-004-TCSelev1.dgn
6/30/2025 4:12:48 PM

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+90.80	-20.33	758.39	758.41
☒ Brg. S. Abut.	656+92.72	-20.33	758.38	758.40
A	657+02.72	-20.33	758.36	758.40
B	657+12.72	-20.33	758.33	758.38
C	657+22.72	-20.33	758.29	758.34
D	657+32.72	-20.33	758.26	758.29
☒ Brg. Pier 1	657+39.55	-20.33	758.23	758.25
E	657+49.55	-20.33	758.19	758.23
F	657+59.55	-20.33	758.15	758.20
G	657+69.55	-20.33	758.10	758.16
H	657+79.55	-20.33	758.06	758.10
I	657+89.55	-20.33	758.01	758.03
☒ Brg. Pier 2	657+95.30	-20.33	757.98	758.00
J	658+05.30	-20.33	757.92	757.95
K	658+15.30	-20.33	757.86	757.91
L	658+25.30	-20.33	757.80	757.85
M	658+35.30	-20.33	757.74	757.78
N	658+45.30	-20.33	757.68	757.70
☒ Brg. Pier 3	658+50.46	-20.33	757.64	757.66
O	658+60.46	-20.33	757.57	757.61
P	658+70.46	-20.33	757.50	757.55
Q	658+80.46	-20.33	757.42	757.48
R	658+90.46	-20.33	757.35	757.39
☒ Brg. N. Abut.	658+97.96	-20.33	757.29	757.31
Bk. N. Abut.	658+99.88	-20.33	757.27	757.29

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+92.52	-13.00	758.53	758.55
☒ Brg. S. Abut.	656+94.44	-13.00	758.53	758.55
A	657+04.44	-13.00	758.50	758.54
B	657+14.44	-13.00	758.47	758.52
C	657+24.44	-13.00	758.43	758.48
D	657+34.44	-13.00	758.40	758.43
☒ Brg. Pier 1	657+41.27	-13.00	758.37	758.39
E	657+51.27	-13.00	758.33	758.36
F	657+61.27	-13.00	758.29	758.34
G	657+71.27	-13.00	758.24	758.30
H	657+81.27	-13.00	758.19	758.24
I	657+91.27	-13.00	758.14	758.17
☒ Brg. Pier 2	657+97.02	-13.00	758.11	758.13
J	658+07.02	-13.00	758.06	758.09
K	658+17.02	-13.00	758.00	758.05
L	658+27.02	-13.00	757.94	757.99
M	658+37.02	-13.00	757.88	757.92
N	658+47.02	-13.00	757.81	757.83
☒ Brg. Pier 3	658+52.18	-13.00	757.78	757.80
O	658+62.18	-13.00	757.71	757.74
P	658+72.18	-13.00	757.63	757.69
Q	658+82.18	-13.00	757.56	757.62
R	658+92.18	-13.00	757.48	757.53
☒ Brg. N. Abut.	658+99.68	-13.00	757.42	757.44
Bk. N. Abut.	659+01.60	-13.00	757.40	757.42

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+94.23	-5.67	758.64	758.66
☒ Brg. S. Abut.	656+96.15	-5.67	758.64	758.66
A	657+06.15	-5.67	758.61	758.65
B	657+16.15	-5.67	758.58	758.63
C	657+26.15	-5.67	758.54	758.59
D	657+36.15	-5.67	758.51	758.53
☒ Brg. Pier 1	657+42.98	-5.67	758.48	758.50
E	657+52.98	-5.67	758.44	758.47
F	657+62.98	-5.67	758.40	758.45
G	657+72.98	-5.67	758.35	758.40
H	657+82.98	-5.67	758.30	758.34
I	657+92.98	-5.67	758.25	758.27
☒ Brg. Pier 2	657+98.73	-5.67	758.22	758.24
J	658+08.73	-5.67	758.16	758.19
K	658+18.73	-5.67	758.10	758.15
L	658+28.73	-5.67	758.04	758.09
M	658+38.73	-5.67	757.98	758.02
N	658+48.73	-5.67	757.91	757.94
☒ Brg. Pier 3	658+53.89	-5.67	757.88	757.90
O	658+63.89	-5.67	757.81	757.84
P	658+73.89	-5.67	757.73	757.79
Q	658+83.89	-5.67	757.66	757.72
R	658+93.89	-5.67	757.58	757.63
☒ Brg. N. Abut.	659+01.39	-5.67	757.52	757.54
Bk. N. Abut.	659+03.31	-5.67	757.50	757.53

☒ I-57 (SB) & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+95.56	0.00	758.72	758.74
☒ Brg. S. Abut.	656+97.48	0.00	758.72	758.74
A	657+07.48	0.00	758.69	758.73
B	657+17.48	0.00	758.66	758.71
C	657+27.48	0.00	758.62	758.67
D	657+37.48	0.00	758.59	758.61
☒ Brg. Pier 1	657+44.31	0.00	758.56	758.58
E	657+54.31	0.00	758.52	758.55
F	657+64.31	0.00	758.47	758.52
G	657+74.31	0.00	758.43	758.48
H	657+84.31	0.00	758.38	758.42
I	657+94.31	0.00	758.33	758.35
☒ Brg. Pier 2	658+00.06	0.00	758.30	758.32
J	658+10.06	0.00	758.24	758.27
K	658+20.06	0.00	758.18	758.23
L	658+30.06	0.00	758.12	758.17
M	658+40.06	0.00	758.06	758.10
N	658+50.06	0.00	757.99	758.01
☒ Brg. Pier 3	658+55.22	0.00	757.95	757.97
O	658+65.22	0.00	757.88	757.92
P	658+75.22	0.00	757.81	757.86
Q	658+85.22	0.00	757.73	757.79
R	658+95.22	0.00	757.66	757.70
☒ Brg. N. Abut.	659+02.72	0.00	757.59	757.62
Bk. N. Abut.	659+04.64	0.00	757.58	757.60

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5-15-2023

 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62761 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myyoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS S.N. 015-0003 (SB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED - MJT	REVISED -			57	(15-22VB)BR	COLES	158	58
	PLOT DATE = 6/30/2025	CHECKED - MJT/TZ	REVISED -			CONTRACT NO. 74650				
						SHEET 4 OF 37 SHEETS				
						ILLINOIS FED. AID PROJECT				

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+95.95	1.67	758.70	758.72
⌒ Brg. S. Abut.	656+97.87	1.67	758.69	758.71
A	657+07.87	1.67	758.66	758.71
B	657+17.87	1.67	758.63	758.69
C	657+27.87	1.67	758.60	758.65
D	657+37.87	1.67	758.56	758.59
⌒ Brg. Pier 1	657+44.70	1.67	758.53	758.55
E	657+54.70	1.67	758.49	758.53
F	657+64.70	1.67	758.45	758.50
G	657+74.70	1.67	758.40	758.45
H	657+84.70	1.67	758.35	758.40
I	657+94.70	1.67	758.30	758.33
⌒ Brg. Pier 2	658+00.45	1.67	758.27	758.29
J	658+10.45	1.67	758.21	758.25
K	658+20.45	1.67	758.15	758.20
L	658+30.45	1.67	758.09	758.14
M	658+40.45	1.67	758.03	758.07
N	658+50.45	1.67	757.96	757.99
⌒ Brg. Pier 3	658+55.61	1.67	757.93	757.95
O	658+65.61	1.67	757.86	757.89
P	658+75.61	1.67	757.78	757.84
Q	658+85.61	1.67	757.71	757.76
R	658+95.61	1.67	757.63	757.67
⌒ Brg. N. Abut.	659+03.11	1.67	757.57	757.59
Bk. N. Abut.	659+05.03	1.67	757.55	757.57

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+97.67	9.00	758.58	758.60
⌒ Brg. S. Abut.	656+99.59	9.00	758.58	758.60
A	657+09.59	9.00	758.55	758.59
B	657+19.59	9.00	758.52	758.57
C	657+29.59	9.00	758.48	758.53
D	657+39.59	9.00	758.44	758.47
⌒ Brg. Pier 1	657+46.42	9.00	758.42	758.44
E	657+56.42	9.00	758.37	758.41
F	657+66.42	9.00	758.33	758.38
G	657+76.42	9.00	758.28	758.33
H	657+86.42	9.00	758.25	758.27
I	657+96.42	9.00	758.18	758.21
⌒ Brg. Pier 2	658+02.17	9.00	758.15	758.17
J	658+12.17	9.00	758.09	758.13
K	658+22.17	9.00	758.03	758.08
L	658+32.17	9.00	757.97	758.02
M	658+42.17	9.00	757.91	757.95
N	658+52.17	9.00	757.84	757.86
⌒ Brg. Pier 3	658+57.33	9.00	757.80	757.83
O	658+67.33	9.00	757.73	757.77
P	658+77.33	9.00	757.66	757.71
Q	658+87.33	9.00	757.58	757.64
R	658+97.33	9.00	757.50	757.55
⌒ Brg. N. Abut.	659+04.83	9.00	757.44	757.46
Bk. N. Abut.	659+06.75	9.00	757.43	757.45

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	656+99.38	16.33	758.45	758.47
⌒ Brg. S. Abut.	657+01.30	16.33	758.44	758.46
A	657+11.30	16.33	758.41	758.46
B	657+21.30	16.33	758.38	758.43
C	657+31.30	16.33	758.34	758.39
D	657+41.30	16.33	758.30	758.33
⌒ Brg. Pier 1	657+48.13	16.33	758.28	758.30
E	657+58.13	16.33	758.24	758.27
F	657+68.13	16.33	758.19	758.24
G	657+78.13	16.33	758.14	758.20
H	657+88.13	16.33	758.09	758.14
I	657+98.13	16.33	758.04	758.07
⌒ Brg. Pier 2	658+03.88	16.33	758.01	758.03
J	658+13.88	16.33	757.95	757.98
K	658+23.88	16.33	757.89	757.94
L	658+33.88	16.33	757.83	757.88
M	658+43.88	16.33	757.76	757.80
N	658+53.88	16.33	757.70	757.72
⌒ Brg. Pier 3	658+59.04	16.33	757.66	757.68
O	658+69.04	16.33	757.59	757.62
P	658+79.04	16.33	757.51	757.57
Q	658+89.04	16.33	757.44	757.50
R	658+99.04	16.33	757.36	757.40
⌒ Brg. N. Abut.	659+06.54	16.33	757.30	757.32
Bk. N. Abut.	659+08.46	16.33	757.28	757.30

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5-15-2023

MODEL: Sheet
FILE NAME: I:\2022\2034.06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\VCADData\CADSheets\use ORD\10.12\0150003_0004-74650-05-TCSaleV2.dgn

 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-679-0044 Professional Design Firm No. 184-006516	USER NAME = myyoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS S.N. 015-0003 (SB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - MJT	REVISED -			57	(15-22VB)BR	COLES	158	59
	PLOT SCALE = \$SCALE\$	DRAWN - MMY	REVISED -			CONTRACT NO. 74650				
	PLOT DATE = 6/30/2025	CHECKED - MJT/TZ	REVISED -			SHEET 5 OF 37 SHEETS				
						ILLINOIS FED. AID PROJECT				

MODEL: Sheet 11/2022/2034.06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\\CADD\\Data\\CAD\\Sheets\\use ORD\\10.12\\0150003_0004-74650-006-TC\\Selev3.dgn
FILE NAME: 11/2022/2034.06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\\CADD\\Data\\CAD\\Sheets\\use ORD\\10.12\\0150003_0004-74650-006-TC\\Selev3.dgn

E-S1

5-15-2023

KT KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62761 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myyoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS S.N. 015-0004 (NB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - MJT	REVISED -			57	(15-22VB)BR	COLES	158	60
	PLOT SCALE = \$SCALE\$	DRAWN - MMY	REVISED -			CONTRACT NO. 74650				
	PLOT DATE = 6/30/2025	CHECKED - MJT/TZ	REVISED -			SHEET 6 OF 37 SHEETS				
						ILLINOIS	FED. AID PROJECT			

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+12.43	-16.33	758.41	758.43
☐ Brg. S. Abut.	657+14.35	-16.33	758.40	758.42
A	657+24.35	-16.33	758.37	758.41
B	657+34.35	-16.33	758.33	758.39
C	657+44.35	-16.33	758.29	758.34
D	657+54.35	-16.33	758.25	758.28
☐ Brg. Pier 1	657+61.35	-16.33	758.22	758.24
E	657+71.35	-16.33	758.18	758.21
F	657+81.35	-16.33	758.13	758.18
G	657+91.35	-16.33	758.08	758.13
H	658+01.35	-16.33	758.02	758.07
I	658+11.35	-16.33	757.97	757.99
☐ Brg. Pier 2	658+16.77	-16.33	757.93	757.96
J	658+26.77	-16.33	757.87	757.91
K	658+36.77	-16.33	757.81	757.86
L	658+46.77	-16.33	757.75	757.79
M	658+56.77	-16.33	757.68	757.72
N	658+66.77	-16.33	757.61	757.63
☐ Brg. Pier 3	658+71.44	-16.33	757.57	757.59
O	658+81.44	-16.33	757.50	757.53
P	658+91.44	-16.33	757.42	757.47
Q	659+01.44	-16.33	757.34	757.40
R	659+11.44	-16.33	757.26	757.30
☐ Brg. N. Abut.	659+19.61	-16.33	757.19	757.21
Bk. N. Abut.	659+21.52	-16.33	757.17	757.19

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+14.14	-9.00	758.53	758.55
☐ Brg. S. Abut.	657+16.06	-9.00	758.53	758.55
A	657+26.06	-9.00	758.49	758.54
B	657+36.06	-9.00	758.46	758.51
C	657+46.06	-9.00	758.42	758.47
D	657+56.06	-9.00	758.38	758.40
☐ Brg. Pier 1	657+63.06	-9.00	758.35	758.37
E	657+73.06	-9.00	758.30	758.33
F	657+83.06	-9.00	758.25	758.30
G	657+93.06	-9.00	758.20	758.25
H	658+03.06	-9.00	758.14	758.19
I	658+13.06	-9.00	758.09	758.11
☐ Brg. Pier 2	658+18.48	-9.00	758.06	758.08
J	658+28.48	-9.00	758.00	758.03
K	658+38.48	-9.00	757.93	757.98
L	658+48.48	-9.00	757.87	757.91
M	658+58.48	-9.00	757.80	757.84
N	658+68.48	-9.00	757.72	757.75
☐ Brg. Pier 3	658+73.15	-9.00	757.69	757.71
O	658+83.15	-9.00	757.61	757.65
P	658+93.15	-9.00	757.54	757.59
Q	659+03.15	-9.00	757.46	757.51
R	659+13.15	-9.00	757.37	757.42
☐ Brg. N. Abut.	659+21.32	-9.00	757.30	757.32
Bk. N. Abut.	659+23.23	-9.00	757.29	757.31

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+15.86	-1.67	758.64	758.66
☐ Brg. S. Abut.	657+17.78	-1.67	758.63	758.65
A	657+27.78	-1.67	758.60	758.64
B	657+37.78	-1.67	758.56	758.62
C	657+47.78	-1.67	758.52	758.57
D	657+57.78	-1.67	758.48	758.51
☐ Brg. Pier 1	657+64.78	-1.67	758.45	758.47
E	657+74.78	-1.67	758.40	758.43
F	657+84.78	-1.67	758.35	758.40
G	657+94.78	-1.67	758.30	758.35
H	658+04.78	-1.67	758.25	758.29
I	658+14.78	-1.67	758.19	758.21
☐ Brg. Pier 2	658+20.20	-1.67	758.16	758.18
J	658+30.20	-1.67	758.09	758.13
K	658+40.20	-1.67	758.03	758.08
L	658+50.20	-1.67	757.96	758.01
M	658+60.20	-1.67	757.89	757.93
N	658+70.20	-1.67	757.82	757.85
☐ Brg. Pier 3	658+74.87	-1.67	757.79	757.81
O	658+84.87	-1.67	757.71	757.75
P	658+94.87	-1.67	757.63	757.69
Q	659+04.87	-1.67	757.55	757.61
R	659+14.87	-1.67	757.47	757.51
☐ Brg. N. Abut.	659+23.04	-1.67	757.40	757.42
Bk. N. Abut.	659+24.95	-1.67	757.38	757.40

☐ I-57 (NB) & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+16.25	0.00	758.66	758.68
☐ Brg. S. Abut.	657+18.17	0.00	758.65	758.68
A	657+28.17	0.00	758.62	758.67
B	657+38.17	0.00	758.58	758.64
C	657+48.17	0.00	758.54	758.59
D	657+58.17	0.00	758.50	758.53
☐ Brg. Pier 1	657+65.17	0.00	758.47	758.49
E	657+75.17	0.00	758.42	758.46
F	657+85.17	0.00	758.37	758.42
G	657+95.17	0.00	758.32	758.38
H	658+05.17	0.00	758.27	758.31
I	658+15.17	0.00	758.21	758.24
☐ Brg. Pier 2	658+20.59	0.00	758.18	758.20
J	658+30.59	0.00	758.12	758.15
K	658+40.59	0.00	758.05	758.10
L	658+50.59	0.00	757.99	758.03
M	658+60.59	0.00	757.92	757.96
N	658+70.59	0.00	757.84	757.87
☐ Brg. Pier 3	658+75.26	0.00	757.81	757.83
O	658+85.26	0.00	757.73	757.77
P	658+95.26	0.00	757.65	757.71
Q	659+05.26	0.00	757.57	757.63
R	659+15.26	0.00	757.49	757.54
☐ Brg. N. Abut.	659+23.43	0.00	757.42	757.44
Bk. N. Abut.	659+25.34	0.00	757.40	757.42

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+17.58	5.67	758.57	758.59
☐ Brg. S. Abut.	657+19.50	5.67	758.57	758.59
A	657+29.50	5.67	758.53	758.58
B	657+39.50	5.67	758.49	758.55
C	657+49.50	5.67	758.45	758.50
D	657+59.50	5.67	758.41	758.44
☐ Brg. Pier 1	657+66.50	5.67	758.38	758.40
E	657+76.50	5.67	758.33	758.37
F	657+86.50	5.67	758.28	758.33
G	657+96.50	5.67	758.23	758.28
H	658+06.50	5.67	758.18	758.22
I	658+16.50	5.67	758.12	758.14
☐ Brg. Pier 2	658+21.92	5.67	758.09	758.11
J	658+31.92	5.67	758.02	758.06
K	658+41.92	5.67	757.96	758.01
L	658+51.92	5.67	757.89	757.94
M	658+61.92	5.67	757.82	757.86
N	658+71.92	5.67	757.75	757.77
☐ Brg. Pier 3	658+76.59	5.67	757.71	757.74
O	658+86.59	5.67	757.64	757.67
P	658+96.59	5.67	757.56	757.61
Q	659+06.59	5.67	757.48	757.54
R	659+16.59	5.67	757.39	757.44
☐ Brg. N. Abut.	659+24.76	5.67	757.32	757.34
Bk. N. Abut.	659+26.67	5.67	757.31	757.33

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+19.29	13.00	758.45	758.47
☐ Brg. S. Abut.	657+21.21	13.00	758.44	758.47
A	657+31.21	13.00	758.41	758.46
B	657+41.21	13.00	758.37	758.43
C	657+51.21	13.00	758.33	758.38
D	657+61.21	13.00	758.29	758.32
☐ Brg. Pier 1	657+68.21	13.00	758.26	758.28
E	657+78.21	13.00	758.21	758.24
F	657+88.21	13.00	758.16	758.21
G	657+98.21	13.00	758.11	758.16
H	658+08.21	13.00	758.05	758.09
I	658+18.21	13.00	757.99	758.02
☐ Brg. Pier 2	658+23.63	13.00	757.96	757.98
J	658+33.63	13.00	757.90	757.93
K	658+43.63	13.00	757.83	757.88
L	658+53.63	13.00	757.77	757.81
M	658+63.63	13.00	757.69	757.73
N	658+73.63	13.00	757.62	757.65
☐ Brg. Pier 3	658+78.30	13.00	757.59	757.61
O	658+88.30	13.00	757.51	757.55
P	658+98.30	13.00	757.43	757.48
Q	659+08.30	13.00	757.35	757.41
R	659+18.30	13.00	757.26	757.31
☐ Brg. N. Abut.	659+26.47	13.00	757.19	757.21
Bk. N. Abut.	659+28.38	13.00	757.18	757.20

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	657+21.01	20.33	758.30	758.32
☐ Brg. S. Abut.	657+22.93	20.33	758.29	758.31
A	657+32.93	20.33	758.26	758.30
B	657+42.93	20.33	758.22	758.27
C	657+52.93	20.33	758.18	758.23
D	657+62.93	20.33	758.13	758.16
☐ Brg. Pier 1	657+69.93	20.33	758.10	758.12
E	657+79.93	20.33	758.05	758.09
F	657+89.93	20.33	758.00	758.05
G	657+99.93	20.33	757.95	758.00
H	658+09.93	20.33	757.89	757.94
I	658+19.93	20.33	757.84	757.86
☐ Brg. Pier 2	658+25.35	20.33	757.80	757.82
J	658+35.35	20.33	757.74	757.77
K	658+45.35	20.33	757.67	757.72
L	658+55.35	20.33	757.61	757.66
M	658+65.35	20.33	757.54	757.58
N	658+75.35	20.33	757.46	757.49
☐ Brg. Pier 3	658+80.02	20.33	757.43	757.45
O	658+90.02	20.33	757.35	757.38
P	659+00.02	20.33	757.27	757.32
Q	659+10.02	20.33	757.19	757.25
R	659+20.02	20.33	757.10	757.15
☐ Brg. N. Abut.	659+28.19	20.33	757.03	757.05
Bk. N. Abut.	659+30.10	20.33	757.01	757.03

E-S1

5-15-2023

MODEL: Sheet
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 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS S.N. 015-0004 (NB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - MJT	REVISED -			57	(15-22VB)BR	COLES	158	61
	PLOT SCALE = \$SCALE\$	DRAWN - MMY	REVISED -			CONTRACT NO. 74650				
	PLOT DATE = 6/30/2025	CHECKED - MJT/TZ	REVISED -			SHEET 7 OF 37 SHEETS				
	ILLINOIS FED. AID PROJECT									

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevation Adjusted for Grinding
S. End of S. Appr.	656+61.44	-22.00	758.44
A1	656+71.44	-22.00	758.42
A2	656+81.44	-22.00	758.40
N. End of S. Appr.	656+91.44	-22.00	758.37
S. End of N. Appr.	658+98.46	-22.00	757.27
A3	659+08.46	-22.00	757.19
A4	659+18.46	-22.00	757.10
N. End of N. Appr.	659+28.46	-22.00	757.02

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevation Adjusted for Grinding
S. End of S. Appr.	656+63.78	-12.00	758.63
A1	656+73.78	-12.00	758.62
A2	656+83.78	-12.00	758.59
N. End of S. Appr.	656+93.78	-12.00	758.57
S. End of N. Appr.	659+00.80	-12.00	757.45
A3	659+10.80	-12.00	757.37
A4	659+20.80	-12.00	757.28
N. End of N. Appr.	659+30.80	-12.00	757.19

I-57 (SB) & PGL

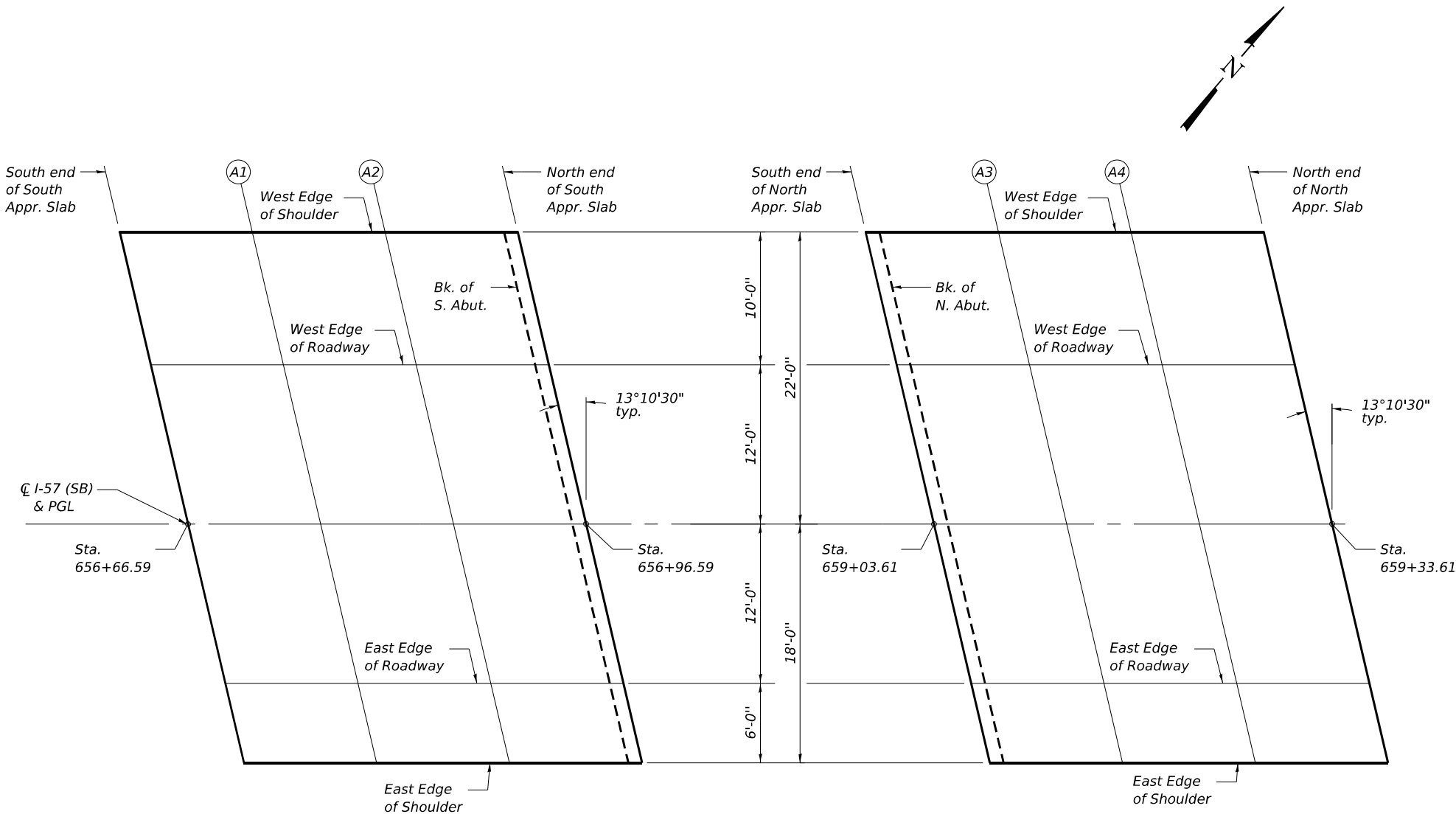
Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+66.59	0.00	758.81
A1	656+76.59	0.00	758.79
A2	656+86.59	0.00	758.77
N. End of S. Appr.	656+96.59	0.00	758.74
S. End of N. Appr.	659+03.61	0.00	757.61
A3	659+13.61	0.00	757.52
A4	659+23.61	0.00	757.44
N. End of N. Appr.	659+33.61	0.00	757.35

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+69.40	12.00	758.62
A1	656+79.40	12.00	758.60
A2	656+89.40	12.00	758.58
N. End of S. Appr.	656+99.40	12.00	758.55
S. End of N. Appr.	659+06.42	12.00	757.40
A3	659+16.42	12.00	757.32
A4	659+26.42	12.00	757.23
N. End of N. Appr.	659+36.42	12.00	757.14

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+70.80	18.00	758.50
A1	656+80.80	18.00	758.48
A2	656+90.80	18.00	758.46
N. End of S. Appr.	657+00.80	18.00	758.43
S. End of N. Appr.	659+07.82	18.00	757.27
A3	659+17.82	18.00	757.19
A4	659+27.82	18.00	757.10
N. End of N. Appr.	659+37.82	18.00	757.01



SOUTH APPROACH SLAB PLAN

NORTH APPROACH SLAB PLAN

E-AS1 5-15-2023

MODEL: Sheet
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 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myyoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF APPROACH SLAB ELEVATIONS - SB S.N. 015-0003 (SB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 6/30/2025	DRAWN - MMY	REVISED -			CONTRACT NO. 74650				
		CHECKED - MJT/TZ	REVISED -			ILLINOIS FED. AID PROJECT				
	SHEET 8 OF 37 SHEETS									

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevation Adjusted for Grinding
S. End of S. Appr.	656+83.07	-18.00	758.47
A1	656+93.07	-18.00	758.45
A2	657+03.07	-18.00	758.42
N. End of S. Appr.	657+13.07	-18.00	758.39
S. End of N. Appr.	659+20.10	-18.00	757.17
A3	659+30.10	-18.00	757.08
A4	659+40.10	-18.00	756.99
N. End of N. Appr.	659+50.10	-18.00	756.90

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevation Adjusted for Grinding
S. End of S. Appr.	656+84.47	-12.00	758.59
A1	656+94.47	-12.00	758.57
A2	657+04.47	-12.00	758.54
N. End of S. Appr.	657+14.47	-12.00	758.51
S. End of N. Appr.	659+21.50	-12.00	757.28
A3	659+31.50	-12.00	757.19
A4	659+41.50	-12.00	757.10
N. End of N. Appr.	659+51.50	-12.00	757.00

CL I-57 (NB) & PGL

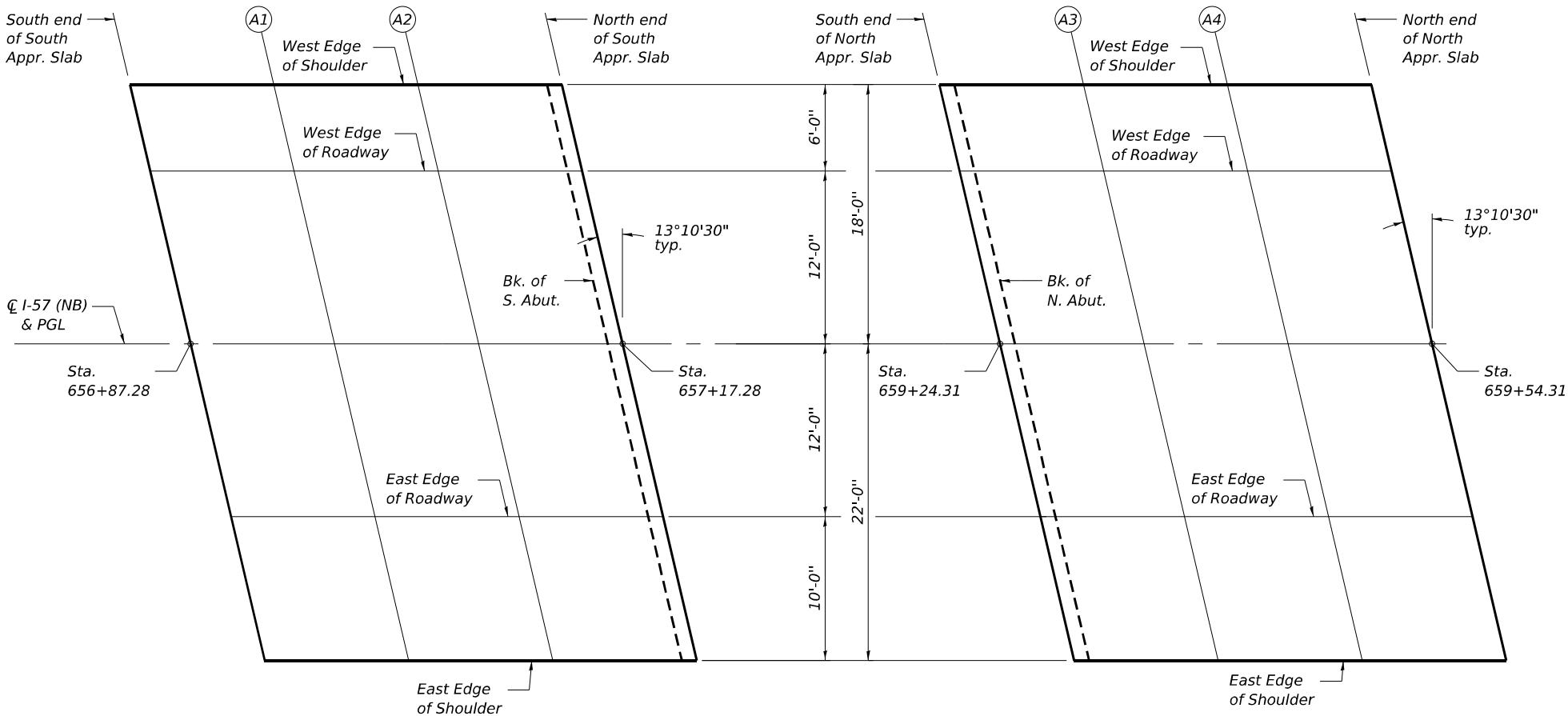
Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+87.28	0.00	758.76
A1	656+97.28	0.00	758.74
A2	657+07.28	0.00	758.71
N. End of S. Appr.	657+17.28	0.00	758.68
S. End of N. Appr.	659+24.31	0.00	757.43
A3	659+34.31	0.00	757.34
A4	659+44.31	0.00	757.25
N. End of N. Appr.	659+54.31	0.00	757.16

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+90.09	12.00	758.58
A1	657+00.09	12.00	758.55
A2	657+10.09	12.00	758.52
N. End of S. Appr.	657+20.09	12.00	758.49
S. End of N. Appr.	659+27.12	12.00	757.23
A3	659+37.12	12.00	757.14
A4	659+47.12	12.00	757.04
N. End of N. Appr.	659+57.12	12.00	756.95

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations Adjusted for Grinding
S. End of S. Appr.	656+92.43	22.00	758.37
A1	657+02.43	22.00	758.34
A2	657+12.43	22.00	758.31
N. End of S. Appr.	657+22.43	22.00	758.28
S. End of N. Appr.	659+29.46	22.00	757.01
A3	659+39.46	22.00	756.92
A4	659+49.46	22.00	756.82
N. End of N. Appr.	659+59.46	22.00	756.73



SOUTH APPROACH SLAB PLAN

NORTH APPROACH SLAB PLAN

E-AS1

5-15-2023

MODEL: Sheet
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KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
199 N. 7th Street, 3rd Floor
Springfield, IL 62761
Phone: 217-579-0044
Professional Design Firm No. 384-006516

USER NAME = myyoung
PLOT SCALE = \$SCALES\$
PLOT DATE = 6/30/2025

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ

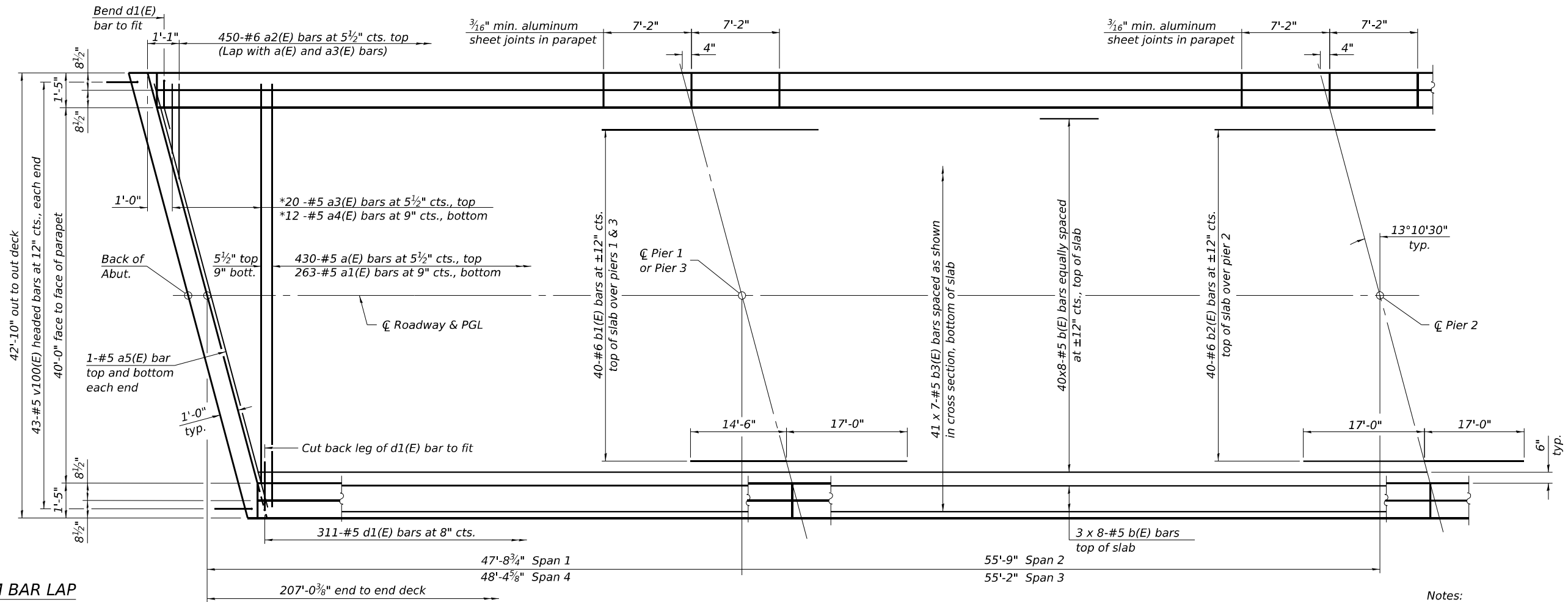
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF APPROACH SLAB ELEVATIONS - NB
S.N. 015-0004 (NB)

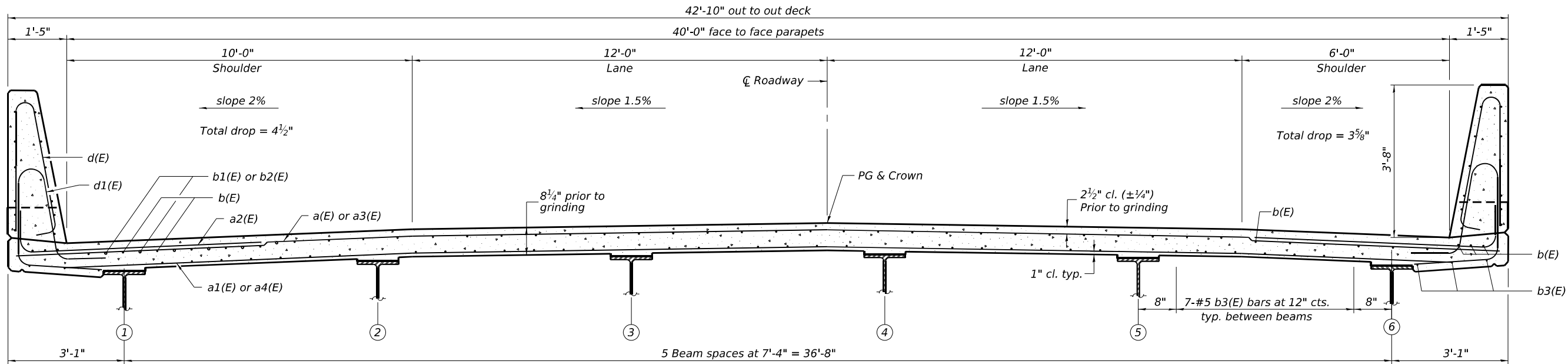
SHEET 9 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	63
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN
(Symmetrical about CL Pier 2, except as shown)

Notes:
See sheet 11 of 37 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.



NEAR PIER

CROSS SECTION
(Looking North)

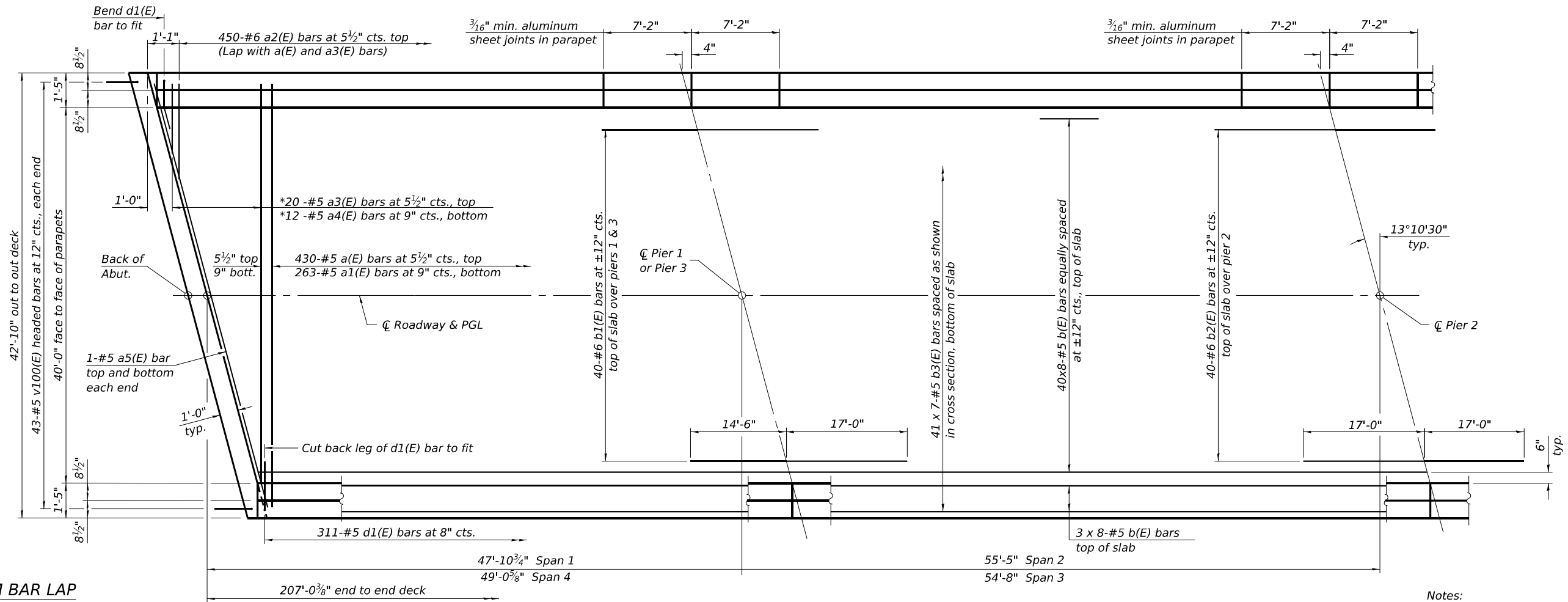
NEAR MIDSPAN

MINIMUM BAR LAP
#5 bar = 3'-6"

* See Field Cutting Diagram
on sheet 11 of 37

MODEL: Sheet
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 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myoung		DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE - SB S.N. 015-0003 (SB)		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CHECKED - MJT/TZ	REVISED -				SHEET 10 OF 37 SHEETS				
								ILLINOIS FED. AID PROJECT				

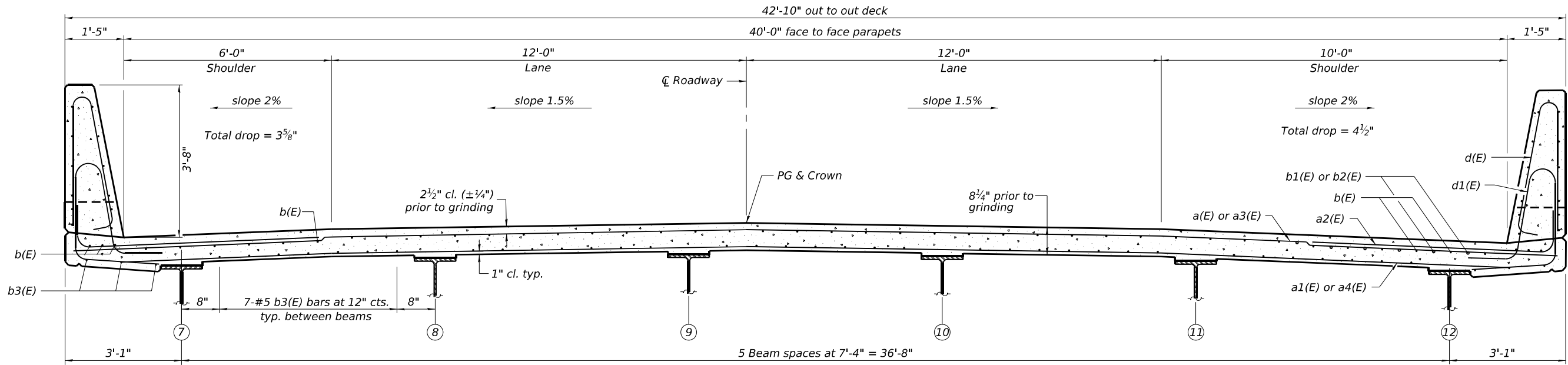


MINIMUM BAR LAP
#5 bar = 3'-6"

* See Field Cutting Diagram
on sheet 13 of 37.

PARTIAL PLAN
(Symmetrical about CL Pier 2, except as shown)

Notes:
See sheet 13 of 37 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.



NEAR MIDSPAN

CROSS SECTION
(Looking North)

NEAR PIER

MODEL: Sheet
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PLOT DATE =	6/30/2025	CHECKED -	MJT/TZ	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE - NB
S.N. 015-0004 (NB)

SHEET 12 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	66
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

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SDI-SB-2

10-27-2023



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PLOT SCALE = \$SCALES
PLOT DATE = 8/19/2025

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DRAWN - MMY
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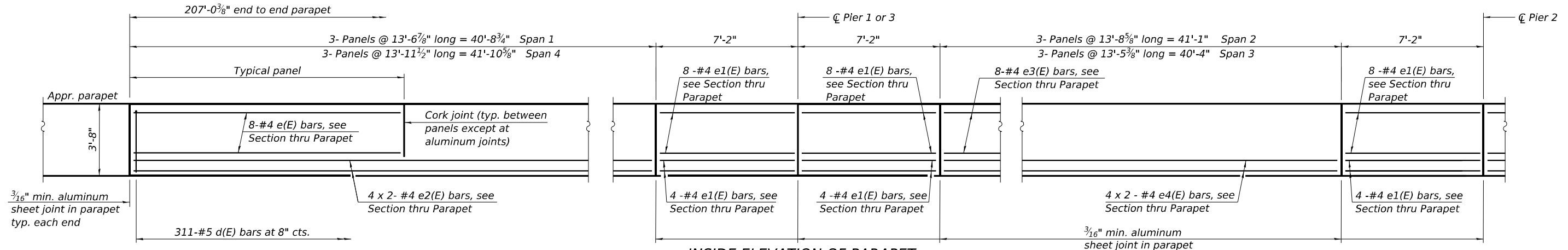
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - NB
S.N. 015-0004 (NB)

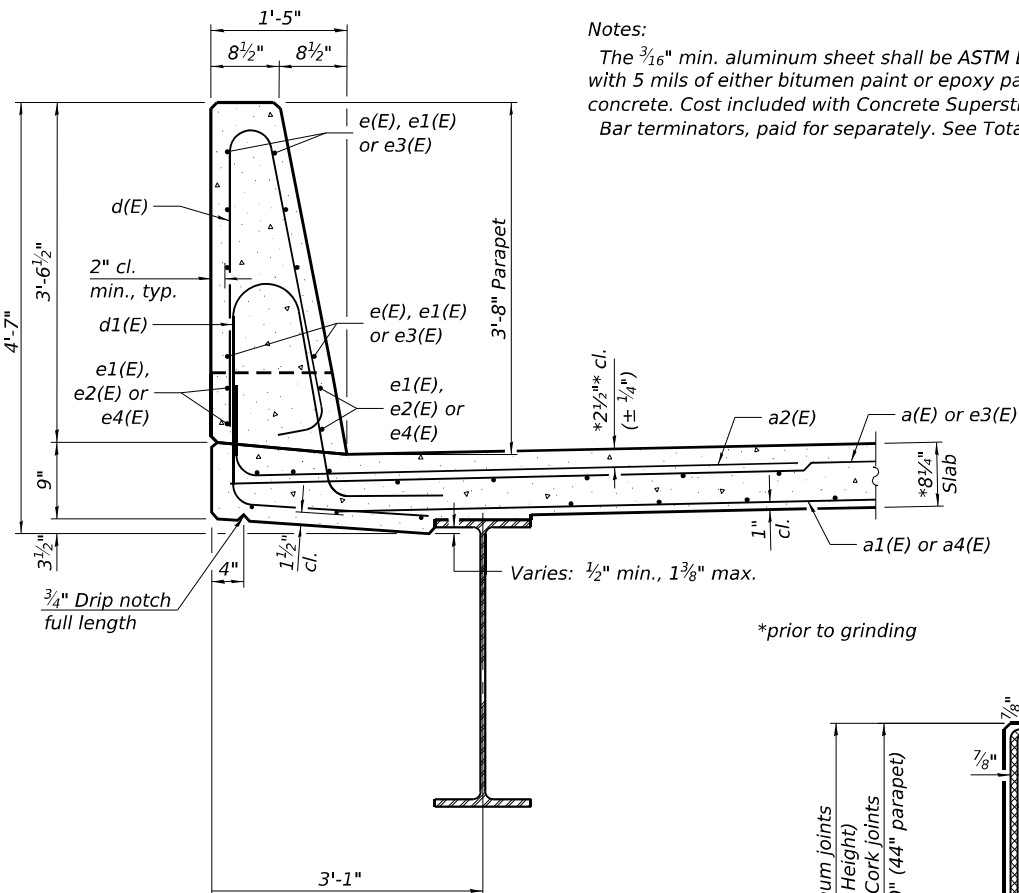
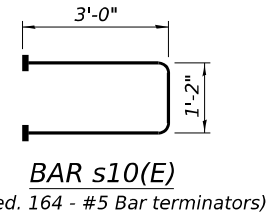
SHEET 13 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	67
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



INSIDE ELEVATION OF PARAPET
(Symmetrical about C Pier 2, except as shown)

MIN. BAR LAP
#4 bar = 2'-5"

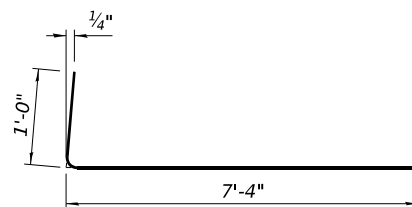


SECTION THRU PARAPET

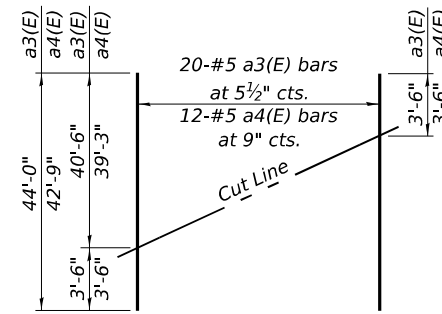
Notes:

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

BAR v100(E)
(Hheaded. 86 - #5 Bar terminators)

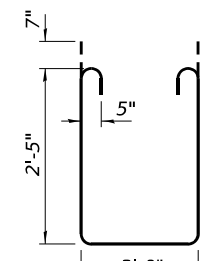


BAR a2(E)

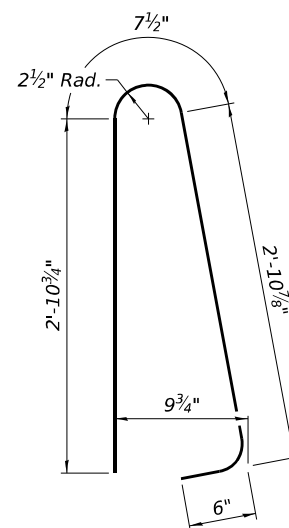


FIELD CUTTING DIAGRAM
Order a3(E) and a4(E) bars full length.
Cut as shown and use remainder of
bars in opposite end of deck.

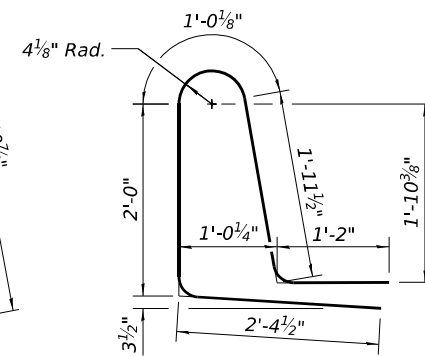
BAR u10(E)



BAR s11(E)



BAR d(E)



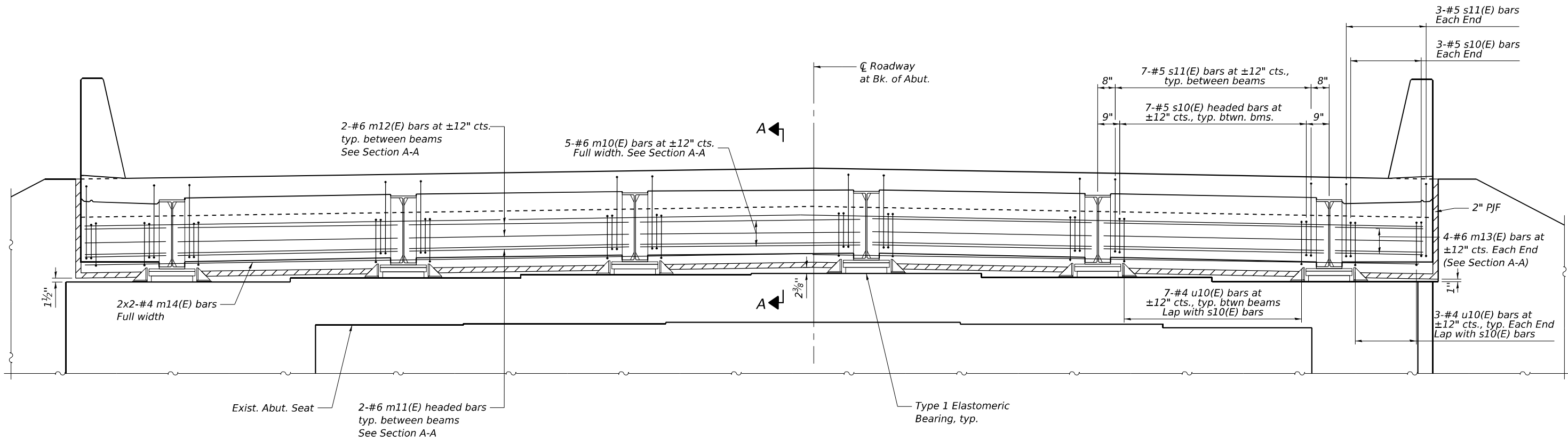
BAR d1(E)

SUPERSTRUCTURE - I-57 NB
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	430	#5	42'-6"	—
a1(E)	263	#5	40'-0"	—
a2(E)	900	#6	8'-4"	—
a3(E)	20	#5	44'-0"	—
a4(E)	12	#5	42'-9"	—
a5(E)	4	#5	43'-8"	—
b(E)	368	#5	29'-0"	—
b1(E)	80	#6	31'-6"	—
b2(E)	40	#6	34'-0"	—
b3(E)	287	#5	32'-8"	—
d(E)	622	#5	6'-11"	—
d1(E)	622	#5	8'-6"	—
e(E)	96	#4	13'-3"	—
e1(E)	144	#4	6'-10"	—
e2(E)	32	#4	22'-0"	—
e3(E)	96	#4	13'-2"	—
e4(E)	32	#4	21'-9"	—
m10(E)	10	#6	43'-8"	—
m11(E)	20	#6	7'-2"	—
m12(E)	20	#6	7'-2"	—
m13(E)	16	#6	2'-10"	—
m14(E)	8	#4	23'-2"	—
s10(E)	82	#5	7'-2"	—
s11(E)	82	#5	8'-0"	—
u10(E)	82	#4	3'-6"	—
v100(E)	86	#5	3'-1"	—
Reinforcement Bars, Epoxy Coated			Lbs.	86,000
Concrete Superstructure			Cu. Yds.	317.5

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

MODEL: Sheet
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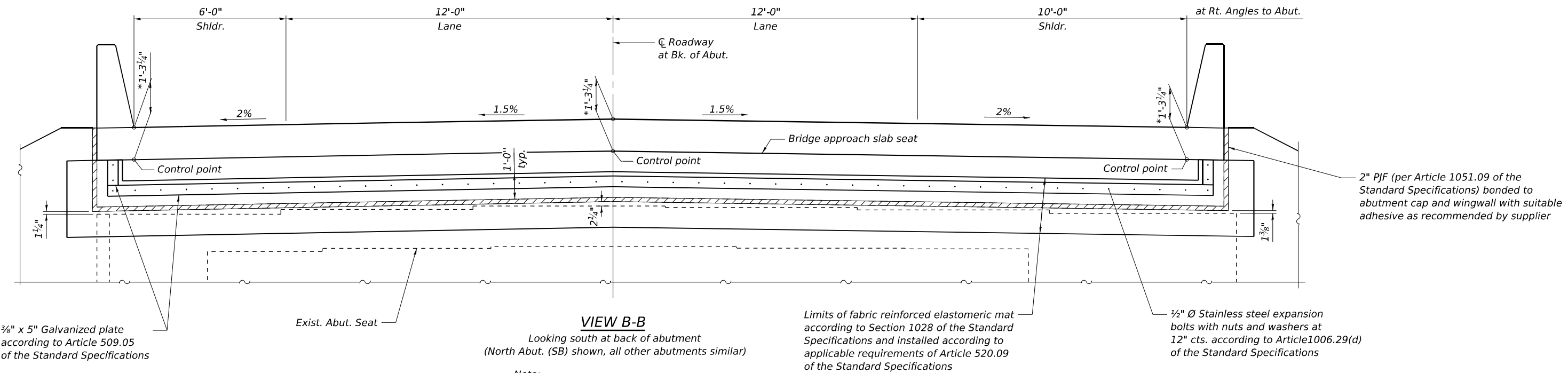


DIAPHRAGM AT NORTH ABUTMENT (SB)
(Looking North)
(All other abutments similar)

MINIMUM BAR LAP
#4 bar = 2'-5"

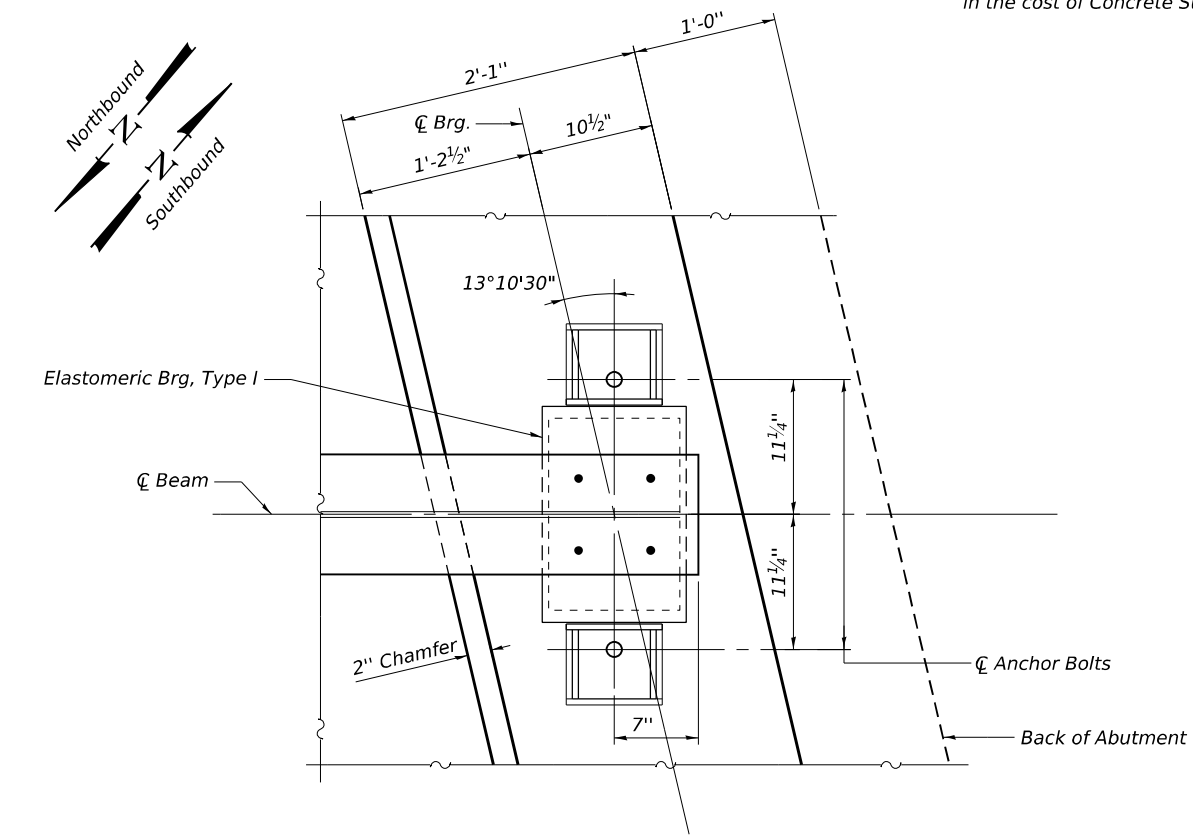
Notes:
See sheet 15 of 37 for Section A-A.
See sheet 11 of 37 for superstructure details and Bill of Material for SB Superstructure.
See sheet 13 of 37 for superstructure details and Bill of Material for NB Superstructure.
The s10(E), s11(E), u10(E) and v100(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 199 N. 7th Street, 3rd Floor Springfield, IL 62701 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myoung		DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIAPHRAGM DETAILS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALES		CHECKED - MJT	REVISED -		S.N. 015-0003 (SB) & S.N. 015-0004 (NB)		57	(15-22VB)BR	COLES	158	68
	PLOT DATE = 6/30/2025		DRAWN - MMY	REVISED -		SHEET 14 OF 37 SHEETS		CONTRACT NO. 74650				
			CHECKED - MJT/TZ	REVISED -				ILLINOIS FED. AID PROJECT				



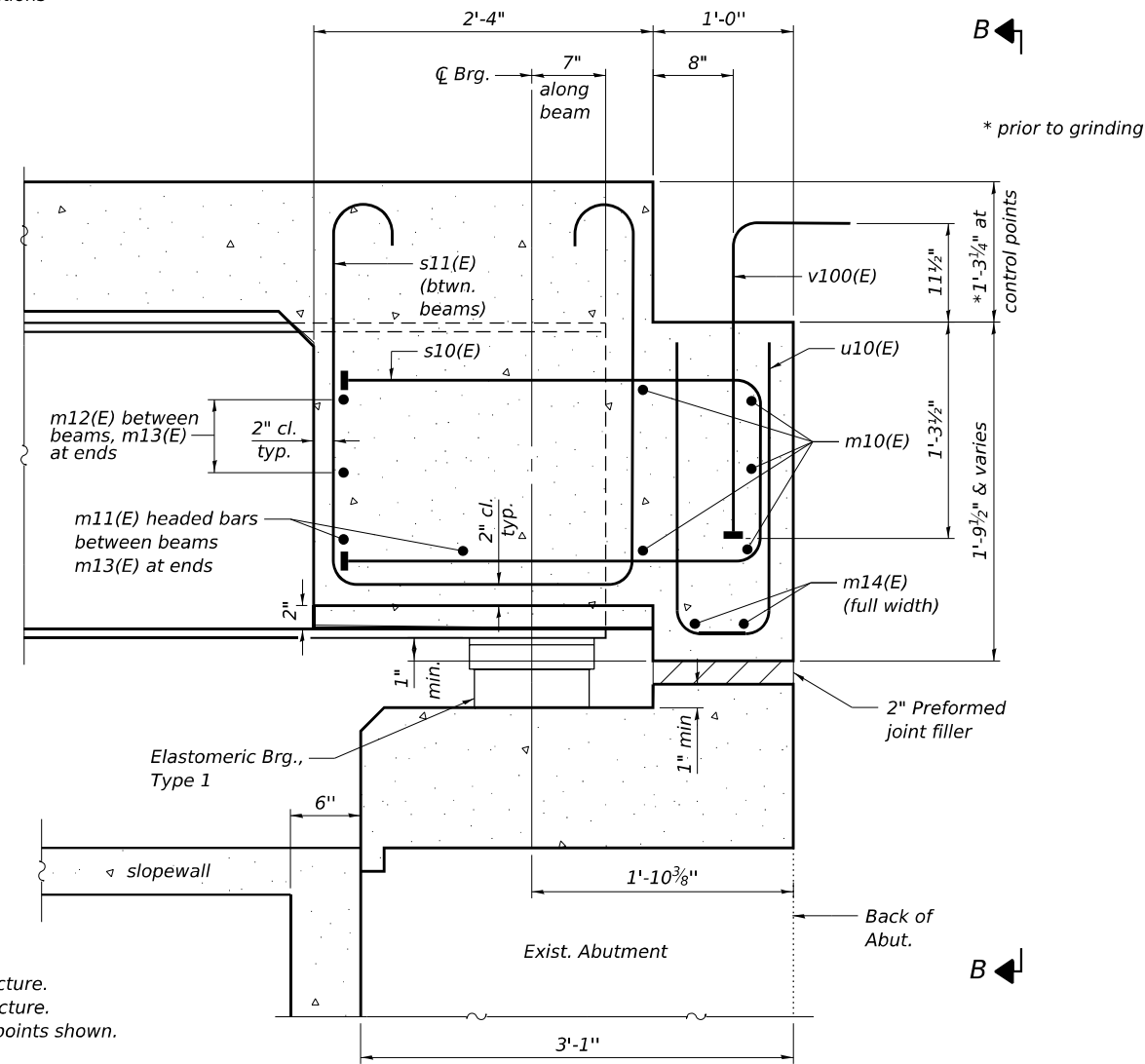
VIEW B-B
Looking south at back of abutment
(North Abut. (SB) shown, all other abutments similar)

Note:
Cost of fabric reinforced elastomeric mat,
galvanized plate, stainless steel expansion bolts
with nuts and washers and installation are included
in the cost of Concrete Superstructure



PLAN AT ABUTMENT
(Showing bottom flange of beam)
(North Abut. (SB) shown.
All other abutments similar)

Note:
See sheet 11 of 37 for superstructure details and Bill of Material for SB Superstructure.
See sheet 13 of 37 for superstructure details and Bill of Material for NB Superstructure.
The approach slab seat shall have a constant slope determined from the control points shown.



SECTION A-A
(Horizontal dimensions at Rt. L's except where noted)

MODEL: Sheet
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8/19/2025 3:00:55 PM

KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
109 N. 21st Street, 3rd Floor
Springfield, IL 62701
Phone: 217-678-0844
Professional Design Firm No. 184-006556

USER NAME =	myoung	DESIGNED -	PDA	REVISED -	
		CHECKED -	MJT	REVISED -	
PLOT SCALE =	\$\$CALE\$	DRAWN -	MMY	REVISED -	
PLOT DATE =	8/19/2025	CHECKED -	MJT/TZ	REVISED -	

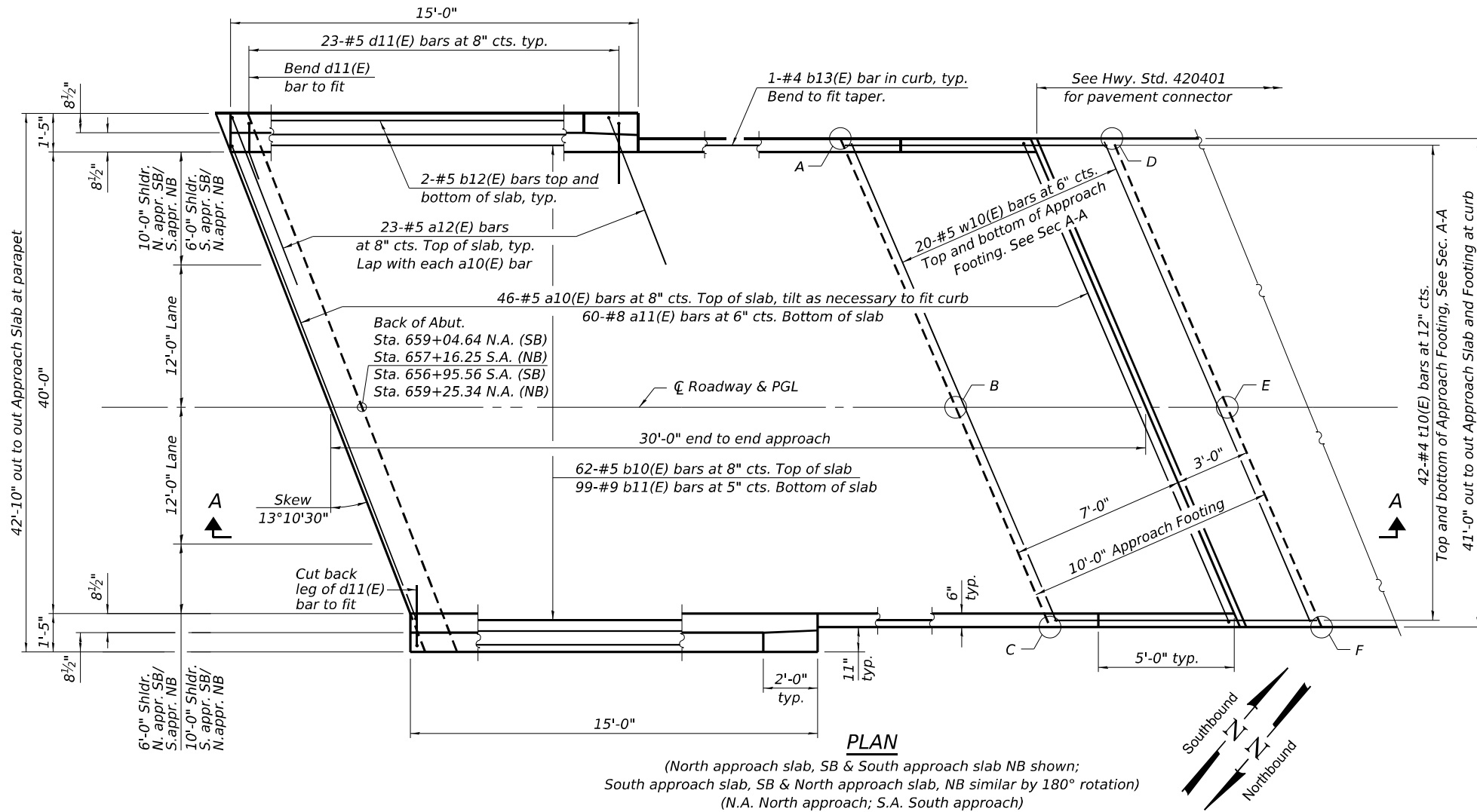
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 15 OF 37 SHEETS

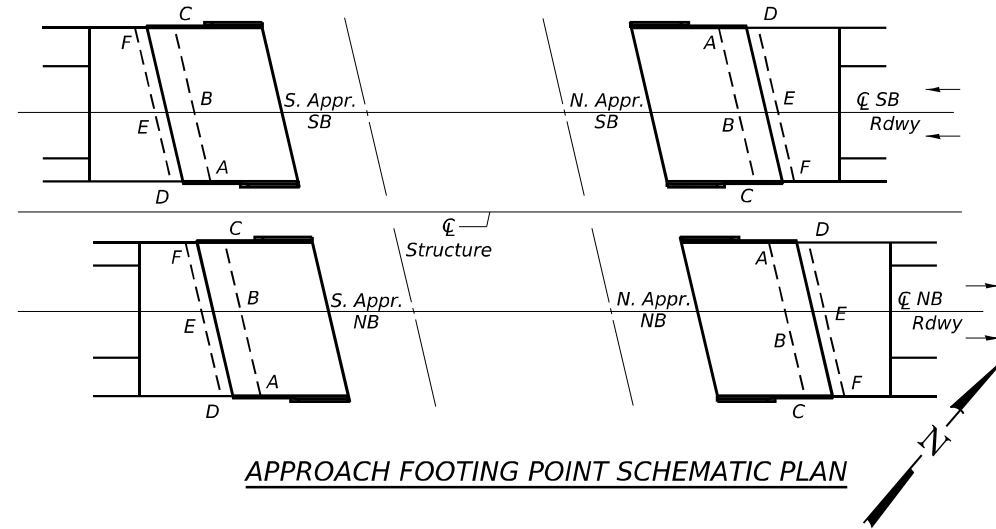
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	69
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet
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6/30/2025 4:28:17 PM



PLAN

(North approach slab, SB & South approach slab NB shown;
South approach slab, SB & North approach slab, NB similar by 180° rotation)
(N.A. North approach; S.A. South approach)



APPROACH FOOTING POINT SCHEMATIC PLAN

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

SN 015-0003 (SB)

South Approach Footing (SB)				
Point/Location	Station	Offset	Top	Bottom
A - NE	656+78.11	18.50	757.20	756.37
B - N C	656+73.78	0.00	757.52	756.69
C - NW	656+68.51	-22.50	757.14	756.31
D - SE	656+67.84	18.50	757.23	756.39
E - S C	656+63.51	0.00	757.54	756.71
F - SW	656+58.24	-22.50	757.16	756.33

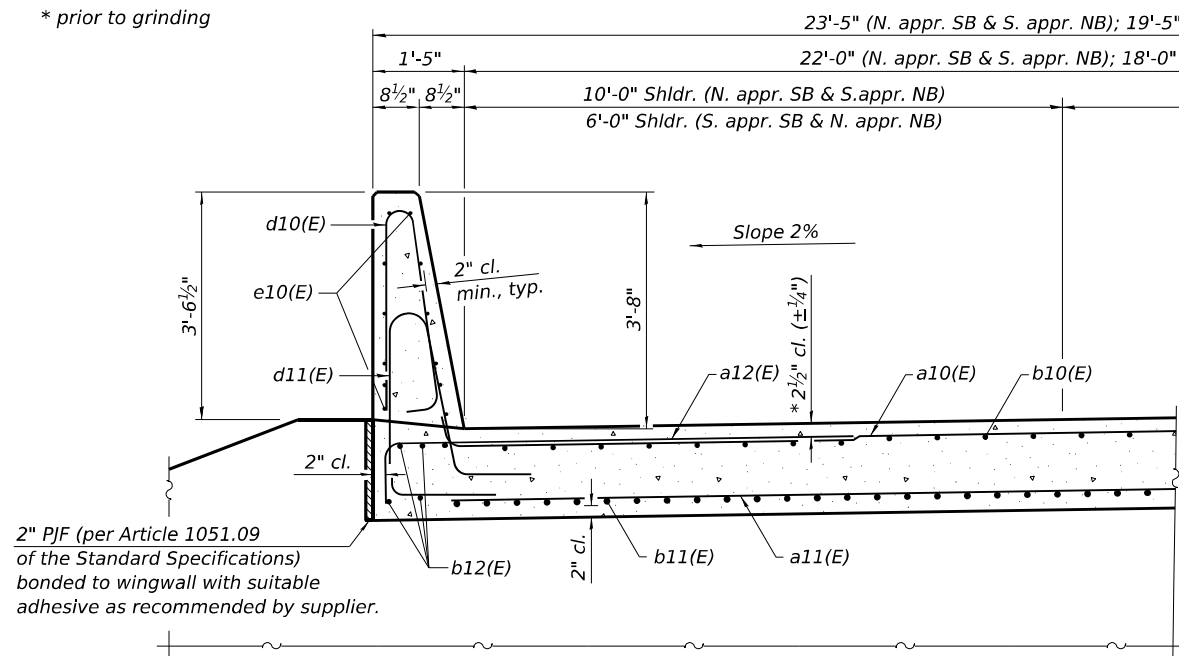
North Approach Footing (SB)				
Point/Location	Station	Offset	Top	Bottom
A - SW	659+21.16	-22.50	755.80	754.97
B - S C	659+26.42	0.00	756.14	755.31
C - SE	659+30.75	18.50	755.79	754.96
D - NW	659+31.43	-22.50	755.71	754.87
E - N C	659+36.69	0.00	756.05	755.22
F - NE	659+41.02	18.50	755.70	754.87

SN 015-0004 (NB)

South Approach Footing (NB)				
Point/Location	Station	Offset	Top	Bottom
A - NE	656+99.73	22.50	757.07	756.24
B - N C	656+94.47	0.00	757.48	756.64
C - NW	656+90.14	-18.50	757.18	756.34
D - SE	656+89.46	22.50	757.10	756.26
E - S C	656+84.20	0.00	757.50	756.67
F - SW	656+79.87	-18.50	757.20	756.37

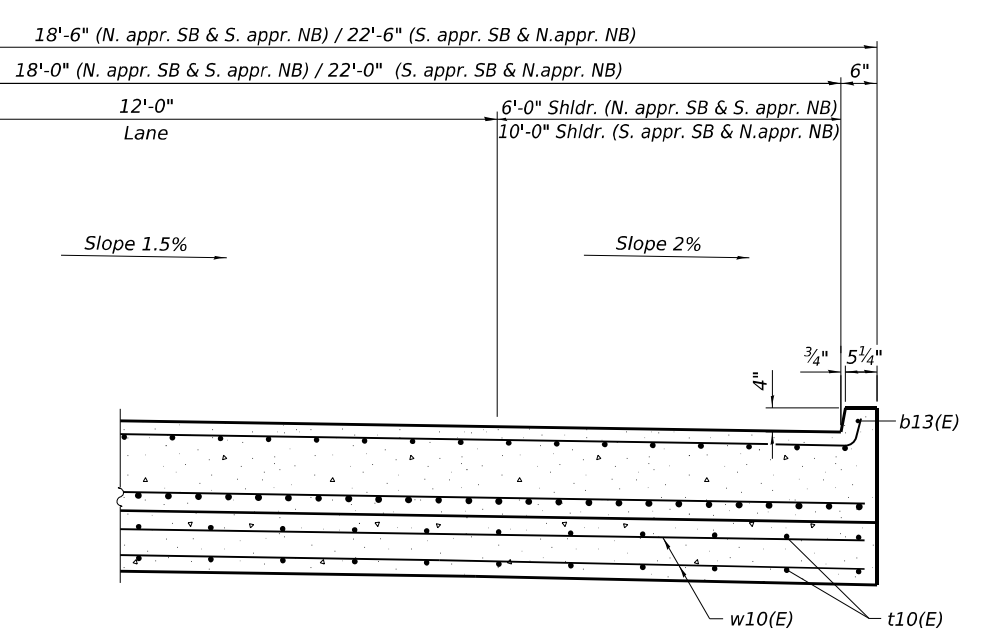
North Approach Footing (NB)				
Point/Location	Station	Offset	Top	Bottom
A - SW	659+42.79	-18.50	755.68	754.85
B - S C	659+47.12	0.00	755.95	755.12
C - SE	659+52.39	22.50	755.51	754.68
D - NW	659+53.06	-18.50	755.59	754.75
E - N C	659+57.39	0.00	755.86	755.02
F - NE	659+62.66	22.50	755.41	754.58

* prior to grinding



NEAR ABUTMENT

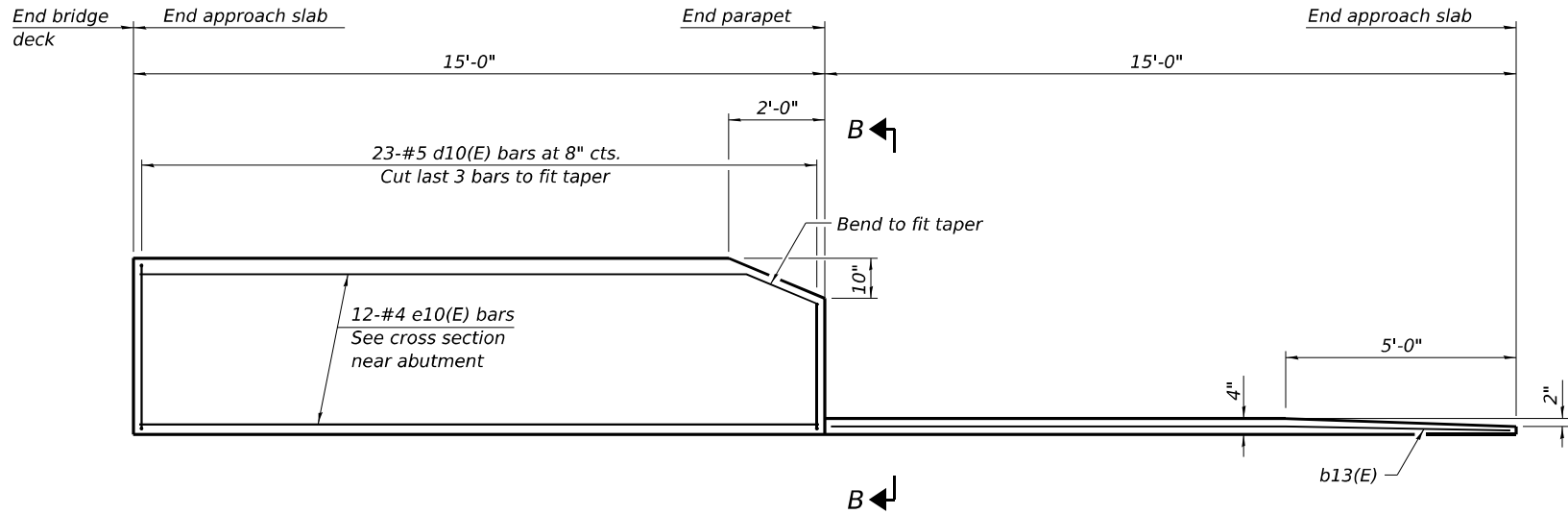
CROSS SECTION
(Looking North - North Abutments; Looking South for South Abutments)



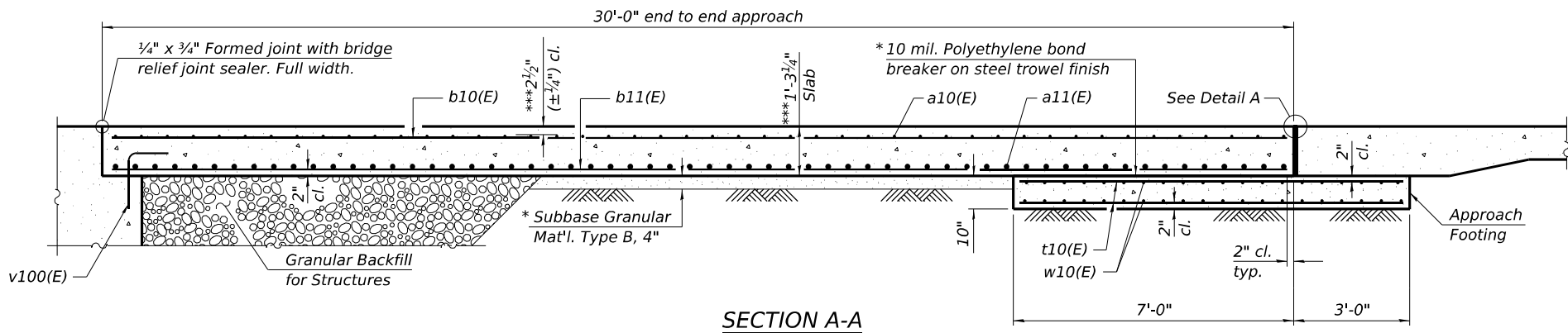
AT APPROACH FOOTING

(Sheet 1 of 2)

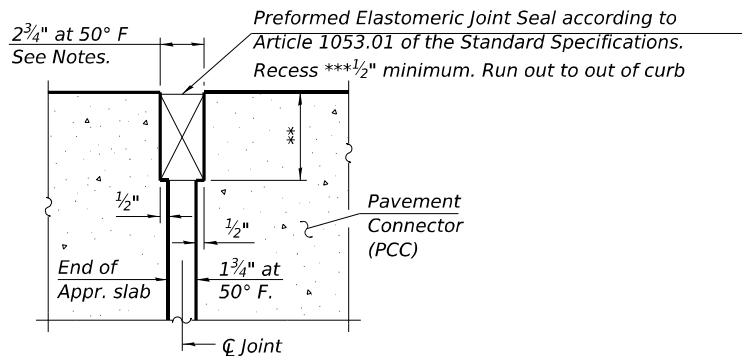
 KUHN & TRELLO CONSULTING ENGINEERS <i>A Limited Liability Company</i> 109 N. 7th Street, 3rd Floor Springfield, IL 62761 Phone: 217-579-0044 Professional Design Firm No. 184-006516	USER NAME = myoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE APPROACH SLAB DETAILS S.N. 015-0003 (SB) & S.N. 015-0004 (NB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED - MJT	REVISED -			57	(15-22VB)BR	COLES	158	70
	PLOT DATE = 6/30/2025	DRAWN - MMY	REVISED -			CONTRACT NO. 74650				
		CHECKED - MJT/TZ	REVISED -			ILLINOIS FED. AID PROJECT				
						SHEET 16 OF 37 SHEETS				



INSIDE ELEVATION OF PARAPET AND CURB

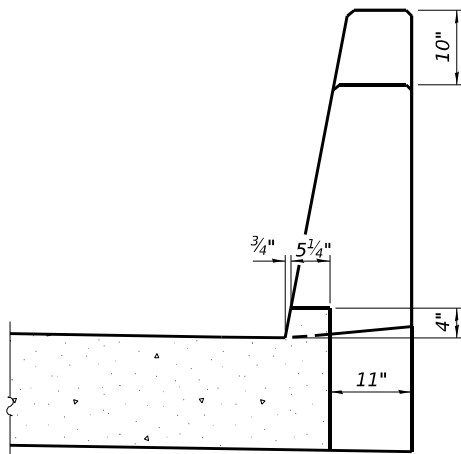


SECTION A-A



DETAIL A
(at Rt. L's)

- * Cost included with Concrete Superstructure (Approach Slab).
- ** Per manufacturer recommendations
- *** Prior to grinding



VIEW B-B

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.

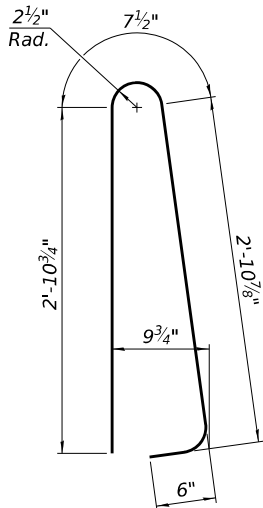
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

Approach footing concrete shall be paid for as Concrete Structures.

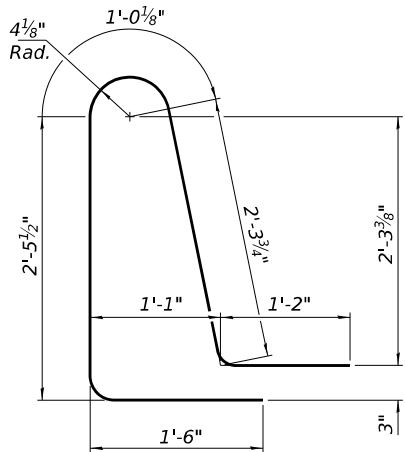
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Cost of excavation for approach footing included with Concrete Structures.

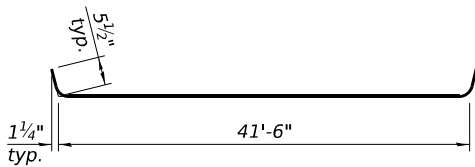
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 37.



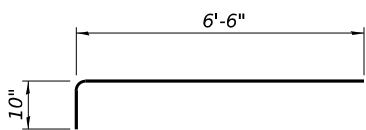
BAR d10(E)



BAR d11(E)



BAR a10(E)



BAR a12(E)

FOUR APPROACHES
BILL OF MATERIAL
SN 015-0003 (SB) & SN 015-0004 (NB)

Bar	No.	Size	Length	Shape
a10(E)	184	#5	42'-5"	
a11(E)	240	#8	41'-8"	
a12(E)	184	#5	7'-4"	
b10(E)	248	#5	29'-8"	
b11(E)	396	#9	29'-8"	
b12(E)	32	#5	14'-8"	
b13(E)	8	#4	14'-8"	
d10(E)	184	#5	6'-11"	
d11(E)	184	#5	8'-6"	
e10(E)	96	#4	14'-8"	
t10(E)	336	#4	9'-11"	
w10(E)	160	#5	41'-8"	
Concrete Superstructure			Cu. Yd.	16.9
Concrete Superstructure (Approach Slab)			Cu. Yd.	234.1
Concrete Structures			Cu. Yd.	52.0
Reinforcement Bars, Epoxy Coated			Pound	97,510

(Sheet 2 of 2)

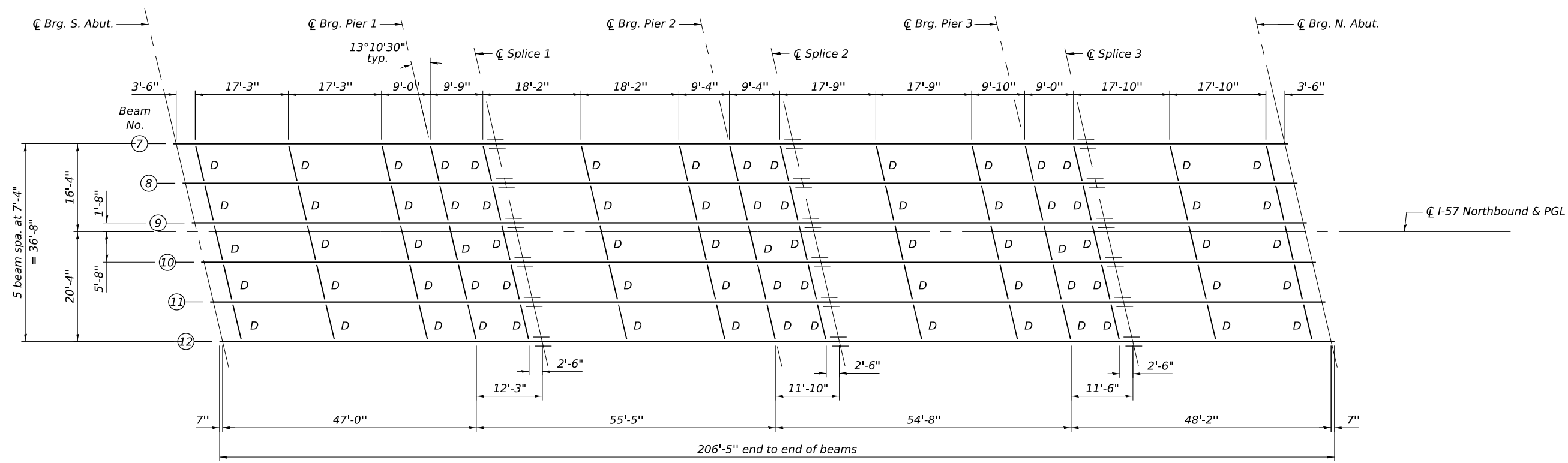
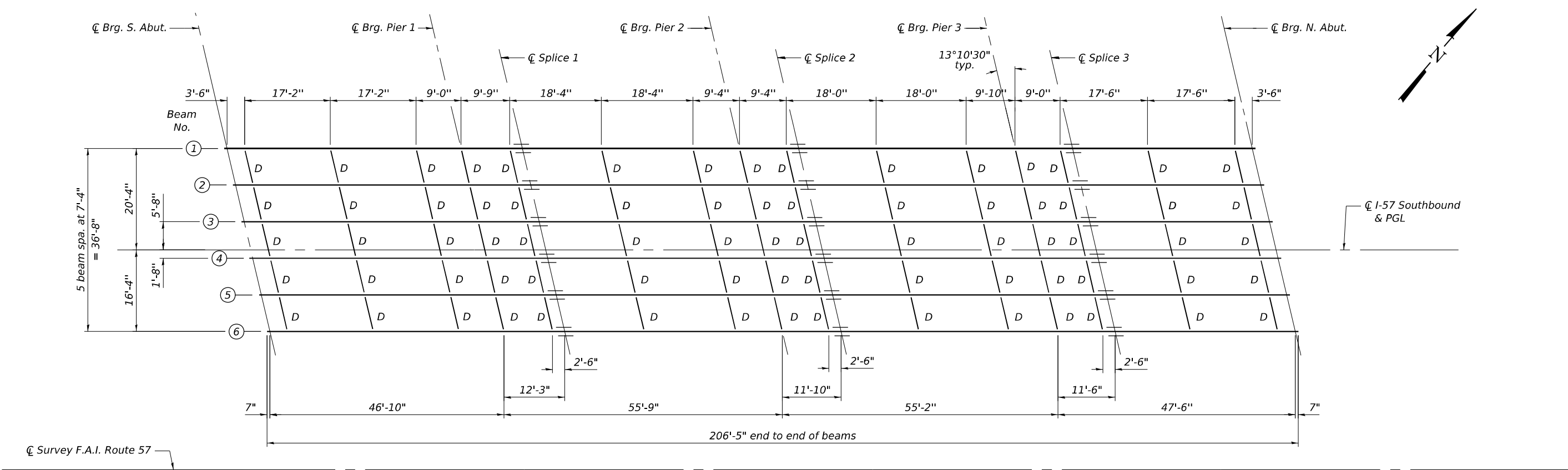
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 17 OF 37 SHEETS

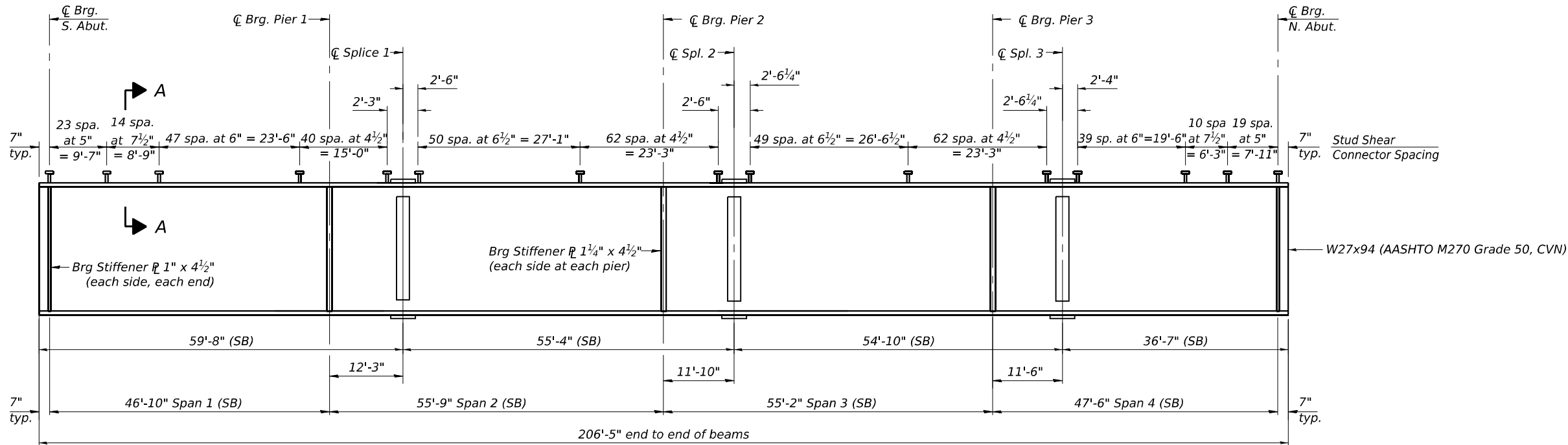
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	71
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

USER NAME =	myoung	DESIGNED -	PDA	REVISED -	
		CHECKED -	MJT	REVISED -	
PLOT SCALE =	SSCALE\$	DRAWN -	MMY	REVISED -	
PLOT DATE =	6/30/2025	CHECKED -	MJT/TZ	REVISED -	



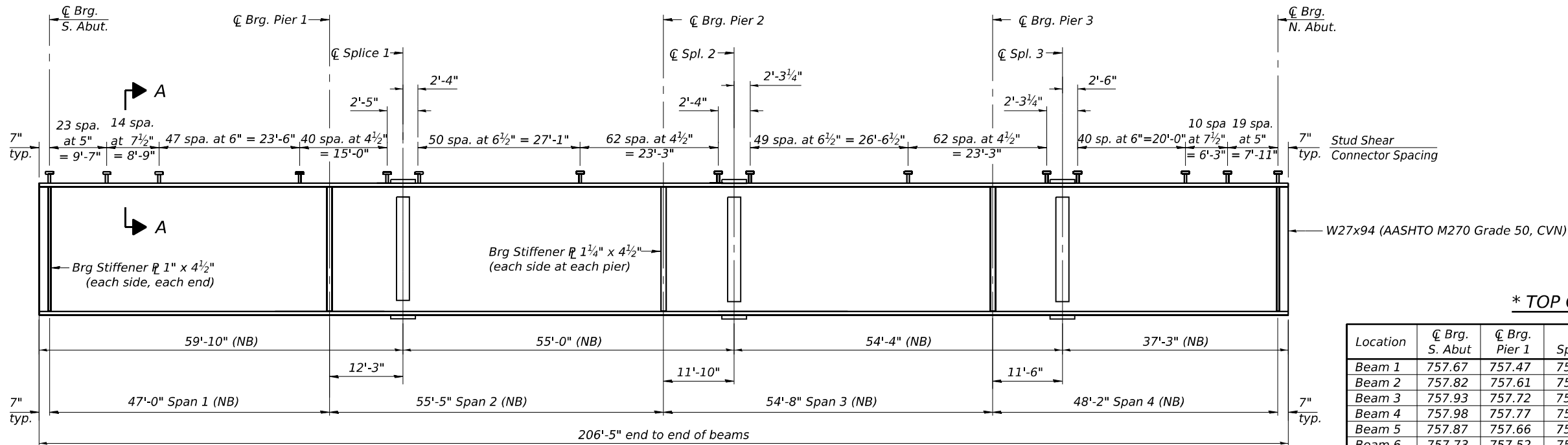
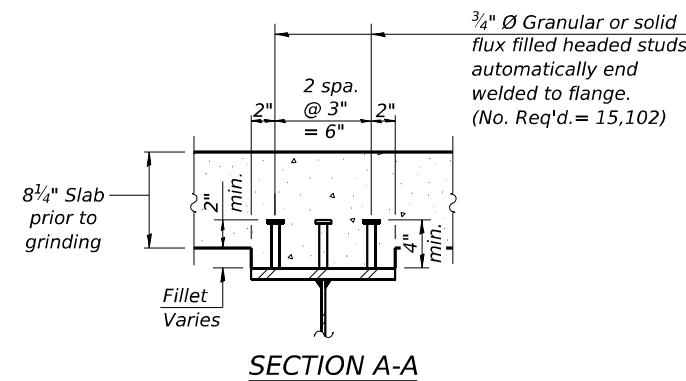
FRAMING PLAN
All Beams: W27x94 (AASHTO M270 Grade 50, CVN)
Load carrying components designated "CVN" shall conform
to the Charpy-V-Notch Impact Energy Requirements, Zone 2.

Note:
All diaphragms shall be installed as steel
is erected and secured with erection pins
and bolts except as otherwise noted.
Individual diaphragms at supports may be
temporarily disconnected to install bearing
anchor bolts.



GIRDER ELEVATION I-57 (SB)

Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Energy Requirements, Zone 2.



GIRDER ELEVATION I-57 (NB)

Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Energy Requirements, Zone 2.

* TOP OF BEAM ELEVATIONS

Location	℄ Brg. S. Abut.	℄ Brg. Pier 1	℄ Splice 1	℄ Brg. Pier 2	℄ Splice 2	℄ Brg. Pier 3	℄ Splice 3	℄ Brg. N. Abut.
Beam 1	757.67	757.47	757.42	757.20	757.14	756.87	756.80	756.58
Beam 2	757.82	757.61	757.56	757.34	757.28	757.01	756.93	756.71
Beam 3	757.93	757.72	757.67	757.45	757.39	757.11	757.04	756.81
Beam 4	757.98	757.77	757.72	757.50	757.44	757.16	757.08	756.86
Beam 5	757.87	757.66	757.60	757.38	757.32	757.04	756.96	756.73
Beam 6	757.73	757.52	757.46	757.24	757.17	756.89	756.82	756.59
Beam 7	757.69	757.46	757.40	757.16	757.10	756.80	756.73	756.48
Beam 8	757.82	757.58	757.52	757.28	757.22	756.92	756.84	756.59
Beam 9	757.92	757.69	757.63	757.38	757.32	757.02	756.94	756.69
Beam 10	757.86	757.62	757.56	757.31	757.25	756.95	756.87	756.61
Beam 11	757.74	757.50	757.43	757.19	757.12	756.82	756.74	756.48
Beam 12	757.58	757.34	757.28	757.03	756.96	756.66	756.58	756.32

* For Fabrication use only

MODEL: \$MODELNAME\$
FILE NAME: \$FILEL\$



USER NAME = \$USER\$
PLOT SCALE = \$SCALE\$
PLOT DATE = \$DATE\$

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ

REVISED -
REVISED -
REVISED -
REVISED -

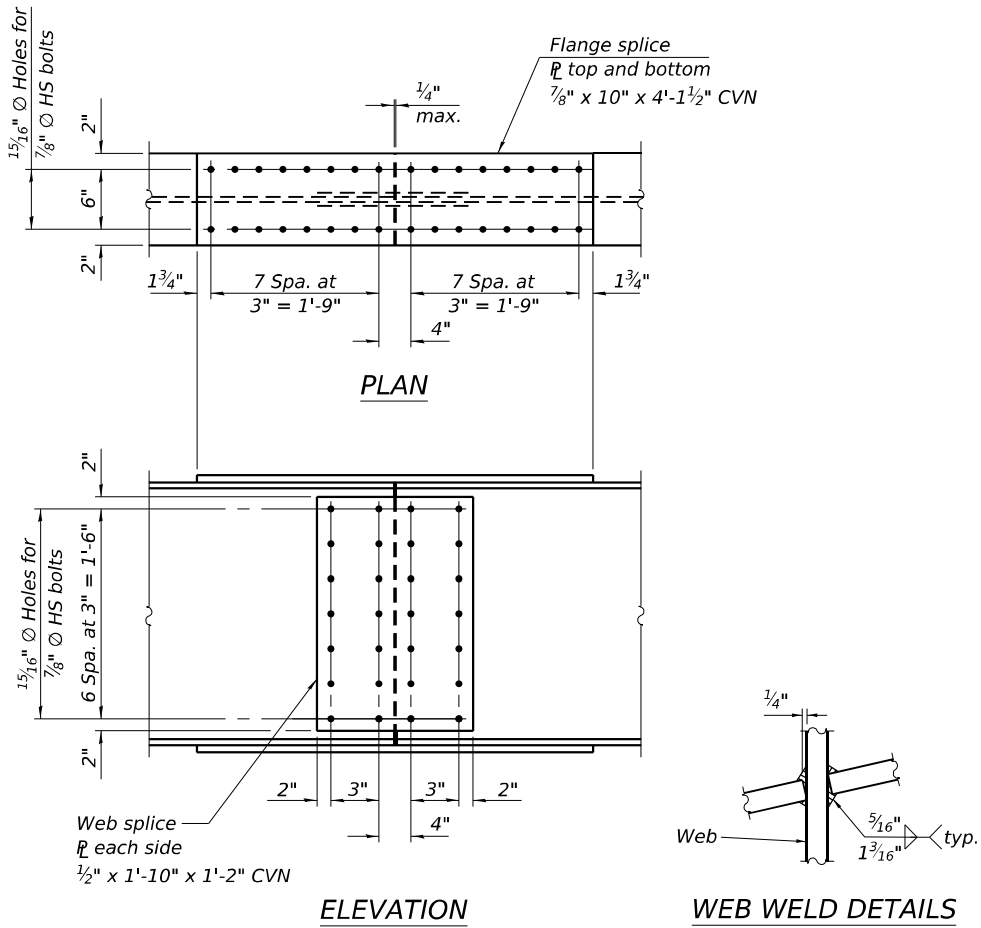
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

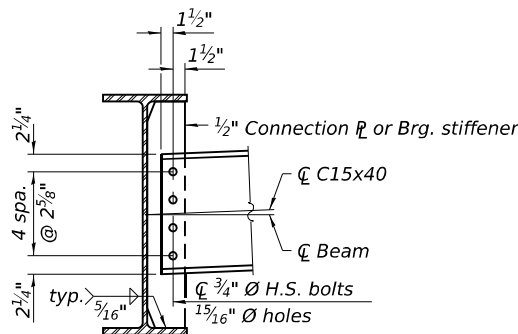
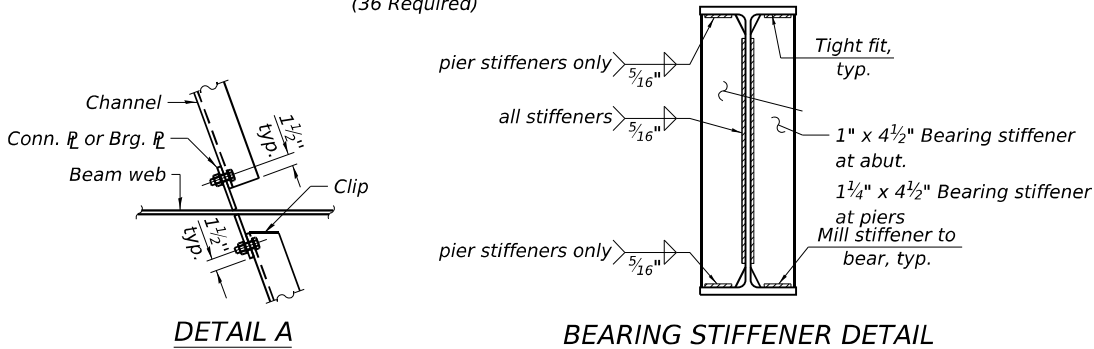
SHEET 19 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	73
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

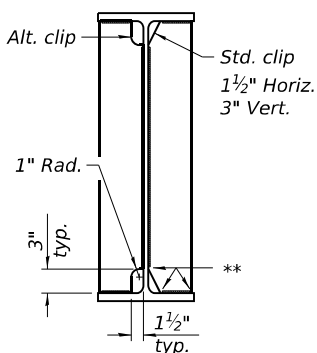
SDATES \$SDATES\$
STIMES \$STIMES\$



SPLICE DETAIL
(36 Required)



INTERIOR DIAPHRAGM



WELD LIMITS AND CLIP DETAILS

** Stop welds 1/4" (±1/8") from edges as shown.
Typical.

- I_s , S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).
- I_c (n), S_c (n): Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.⁴ and in.³).
- I_c (3n), S_c (3n): Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.⁴ and in.³).
- I_c (cr), S_c (cr): Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.⁴ and in.³).
- S_x : Section modulus about the major axis of a section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange (in.³).
- $DC1$: Un-factored non-composite dead load (kips/ft.).
- M_{DC1} : Un-factored moment due to non-composite dead load (kip-ft.).
- $DC2$: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
- M_{DC2} : Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
- DW : Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
- M_{DW} : Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
- $LLDF$: Live Load Distribution Factor for moment and shear computed according to Article 4.6.2.2 and further IDOT provisions.
- $M_L + IM$: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).
- M_u : Strength I load combination of factored design moments (kip-ft.).
 $1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_L + IM$
- f_t : Factored calculated flange lateral bending stress as calculated using Article 6.10.1.6 and as further simplified by IDOT provisions (ksi).
- $\Phi_f M_n$: Factored nominal flexural resistance of the section determined as specified in Article 6.10.7.1 or A6 as applicable (kip-ft.).

INTERIOR BEAM MOMENT TABLE								
		0.4 Sp. 1	Pier 1	0.5 Sp. 2	Pier 2	0.5 Sp. 3	Pier 3	0.6 Sp. 4
I_s	(in ⁴)	3270	3270	3270	3270	3270	3270	3270
I_c (n)	(in ⁴)	10615	10615	10615	10541	10615	10615	10615
I_c (3n)	(in ⁴)	8168	8168	8168	8168	8168	8168	8168
I_c (cr)	(in ⁴)	-	5219	-	5219	-	5219	-
S_s	(in ³)	243	243	243	243	243	243	243
S_c (n)	(in ³)	387	387	387	387	387	387	387
S_c (3n)	(in ³)	352	352	352	352	352	352	352
S_c (cr)	(in ³)	-	300	-	295	-	300	-
S_x	(in ³)	-	-	-	-	-	-	-
DC1	(k/ft)	0.910	0.910	0.910	0.910	0.910	0.910	0.910
M_{DC1}	(k)	143	243	118	228	111	244	155
DC2	(k/ft)	0.190	0.190	0.190	0.190	0.190	0.190	0.190
M_{DC2}	(k)	30	51	25	48	23	51	32
DW	(k/ft)	0.367	0.367	0.367	0.367	0.367	0.367	0.367
M_{DW}	(k)	58	98	47	92	45	99	62
LLDF		0.600	0.586	0.574	0.575	0.576	0.586	0.596
$M_t + IM$	(k)	438	342	422	370	427	342	439
f_t (Strength I)	(ksi)	-	-	-	-	-	-	-
M_u (Strength I)	(k)	1070	1113	988	1131	982	1116	1095
$\Phi_t M_n$	(k)	1904	1396	1931	1515	1938	1476	1892
f_s DC1	(ksi)	7.1	12.0	5.8	11.3	5.5	12.0	7.7
f_s DC2	(ksi)	1.0	1.7	0.9	1.6	0.8	1.7	1.1
f_s DW	(ksi)	2.0	3.3	1.6	3.1	1.5	3.4	2.1
f_s (t+IM)	(ksi)	13.6	10.6	13.1	11.5	13.2	10.6	13.6
f_t (Service II)	(ksi)	-	-	-	-	-	-	-
f_s (Service II)	(ksi)	27.7	30.9	25.3	30.9	25.0	30.9	28.6
0.95 RH $F_y f$	(ksi)	47.5	47.5	47.5	47.5	47.5	47.5	47.5
f_s (Strength I)	(ksi)	-	-	-	-	-	-	-
$\Phi_t F_n$	(ksi)	-	-	-	-	-	-	-
V_f	(k)	17.6	32.3	21.8	31.9	22.0	32.2	18.5

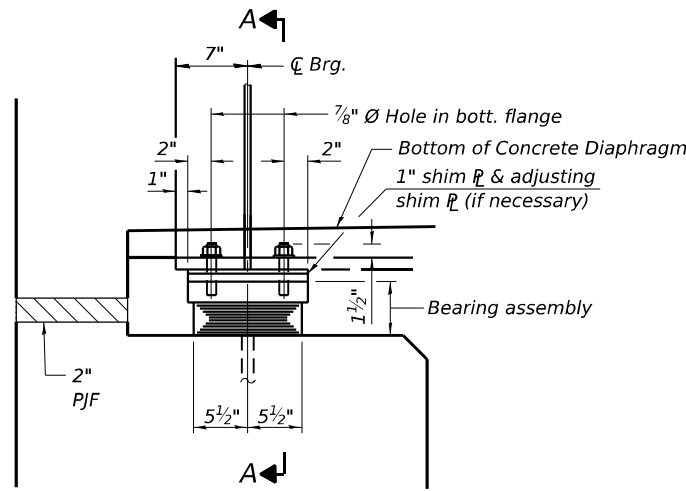
Note: Interior Beam Moment and Reaction Tables envelope both structures.

- f_s $DC1$: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
 M_{DC1} / S_s
- f_s $DC2$: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
 M_{DC2} / S_c (3n) or M_{DC2} / S_c (cr) as applicable.
- f_s DW : Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
 M_{DW} / S_c (3n) or M_{DW} / S_c (cr) as applicable.
- f_s ($L_t + IM$): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
 $M_L + IM / S_c$ (n) or $M_L + IM / S_c$ (cr) as applicable.
- $f_s + f_t / 2$ (Service II): Sum of stresses as computed below (ksi).
 f_s $DC1 + f_s$ $DC2 + f_s$ $DW + 1.3 f_s$ ($L_t + IM$) + $f_t / 2$
- Service II Resistance: Composite (0.95R_nF_y) or noncomposite (0.80R_nF_y) stress capacity according to Article 6.10.4.2 (ksi).
- $f_s + f_t / 3$ (Strength I): Sum of stresses as computed below on non-compact sections (ksi).
 $1.25 (f_s$ $DC1 + f_s$ $DC2) + 1.5 f_s$ $DW + 1.75 f_s$ ($L_t + IM$) + $f_t / 3$
- $\Phi_f F_n$: Factored nominal flexural resistance of the section as specified in Article 6.10.7.2 or 6.10.8 as applicable (ksi).
- V_r : Maximum factored shear range in span computed according to Article 6.10.10.
- OCF: Obtuse Correction Factor according to Article 4.6.2.2.3c or as further simplified by IDOT provisions.
- R_{DC1} : Un-factored reaction due to non-composite dead load (kip).
- R_{DC2} : Un-factored reaction due to long-term composite (superimposed excluding future wearing surface) dead load (kip).
- R_{DW} : Un-factored reaction due to long-term composite (superimposed future wearing surface only) dead load (kip).
- R_L : Un-factored live load reaction (kip).
- R_{IM} : Un-factored dynamic load allowance (impact) (kip).
- R_{Total} (Strength I) (Impact): Strength I load combination of factored design reactions (kip).
 $1.25 (R_{DC1} + R_{DC2}) + 1.5 R_{DW} + 1.75 (R_L + R_{IM})$
- R_{Total} (Strength I) (No Impact): Strength I load combination of factored design reactions, not including dynamic load allowance (Impact) (kip).
 $1.25 (R_{DC1} + R_{DC2}) + 1.5 R_{DW} + 1.75 (R_L)$

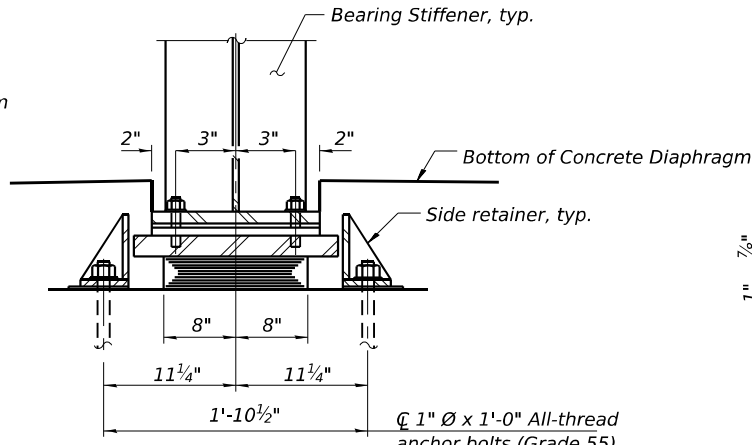
Notes:
Two hardened washers required for each set of oversized holes.
Alternate channels of equal depth and larger weight are permitted to facilitate material acquisition. Alternate channels, if utilized, shall be provided at no additional cost to the Department.
All splice plates and bearing stiffeners shall be AASHTO M270, Grade 50.
Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Energy Requirement, Zone 2.

INTERIOR BEAM REACTION TABLE						
	S. Abut.	Pier 1	Pier 2	Pier 3	N. Abut.	
LLDF	0.767	0.767	0.767	0.767	0.767	
OCF	1.067	-	-	-	-	1.067
R_{DC1}	(k)	44.6	52.1	49.9	52.3	45.0
R_{DC2}	(k)	6.3	10.9	10.4	10.9	6.4
R_{DW}	(k)	11.2	21.0	20.1	21.1	11.5
R_L	(k)	64.0	82.1	83.1	80.5	62.0
R_{Im}	(k)	14.8	17.2	17.2	17.3	14.1
$R_{Total}(\text{Strength I})(\text{Impact})$	(k)	218.3	284.0	281.1	281.8	214.7
$R_{Total}(\text{Strength I})(\text{No Impact})$	(k)	192.4	253.9	251.0	251.5	190.0

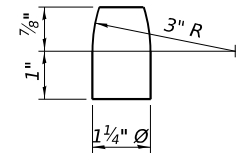
Note:
Abutment Reactions include loads from the approach slabs and concrete diaphragms.



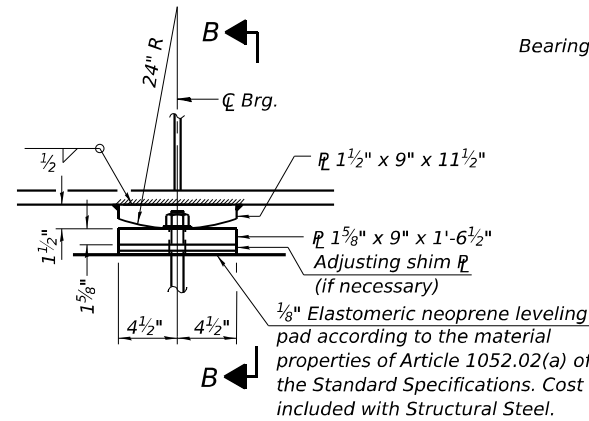
ELEVATION AT ABUT.



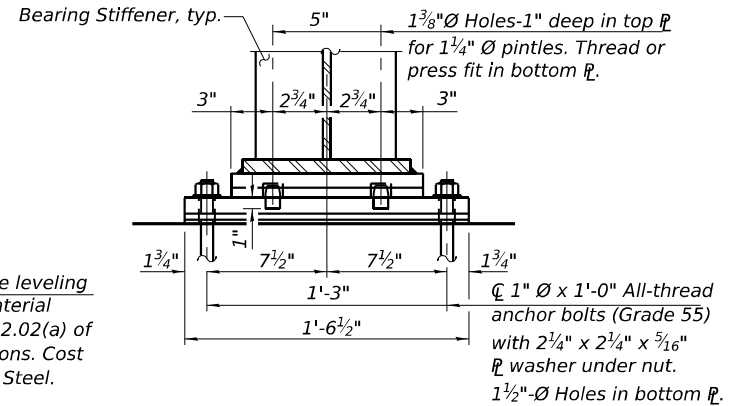
SECTION A-A



PINTLE



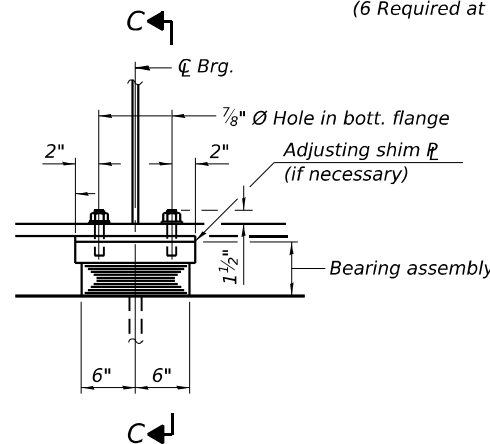
ELEVATION AT PIER 2



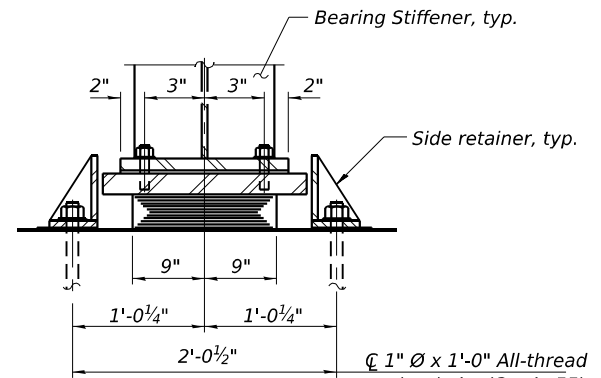
SECTION B-B

FIXED BEARING

(6 Required at Pier 2 - Both Structures)



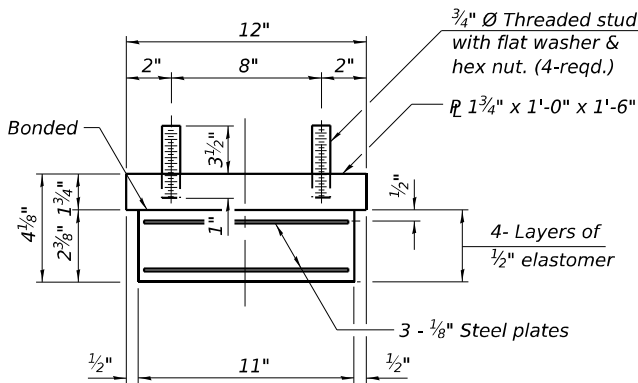
ELEVATION AT PIERS 1 & 3



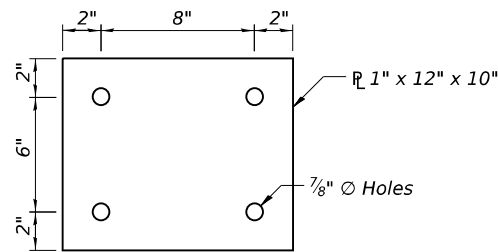
SECTION C-C

TYPE I ELASTOMERIC EXP. BRG.

(6 Required at Piers 1 and 3 - Both Structures)



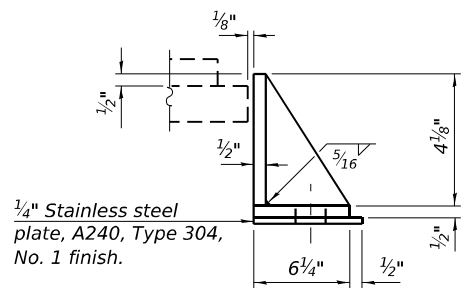
BEARING ASSEMBLY-ABUTMENTS



1" SHIM

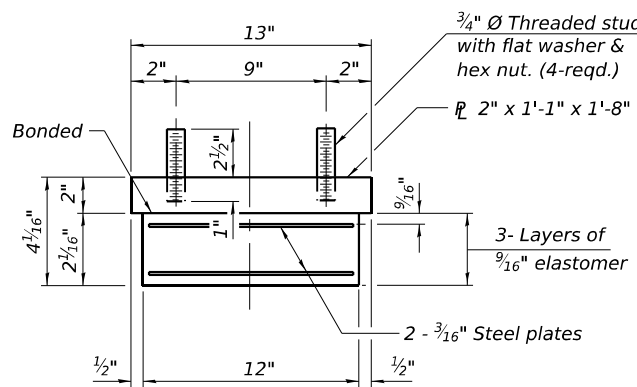
(6 Required at each abutment - Both Structures)

Note:
 Shim plates shall not be placed under bearing assembly.



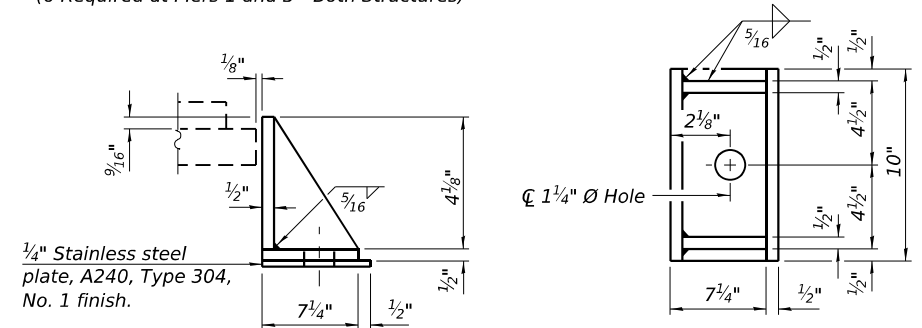
SIDE RETAINER-ABUTMENTS

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



BEARING ASSEMBLY - PIERS 1 & 3

Note:
 Shim plates shall not be placed under bearing assembly.



SIDE RETAINER - PIERS 1 & 3

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	48
Anchor Bolts, 1"	Each	120

Notes:
 Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
 Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
 Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
 All (embedded and separate) bearing plates, side retainers, anchor bolts, nuts, washers and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
 S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

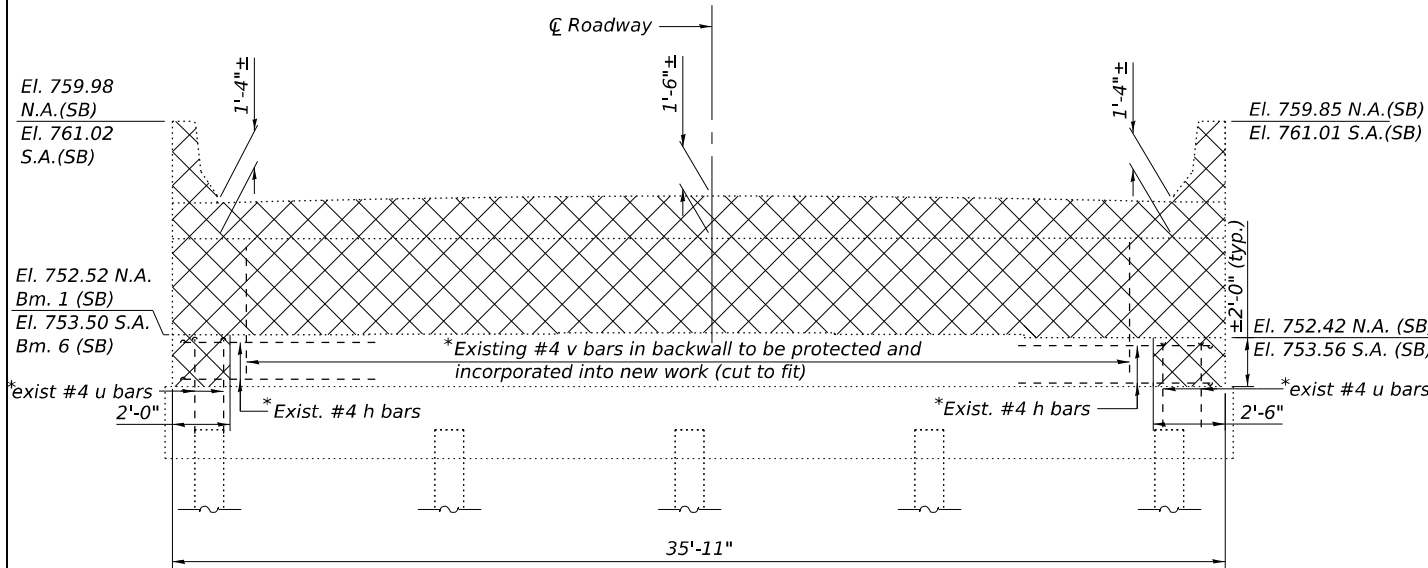
SHEET 21 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	75
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

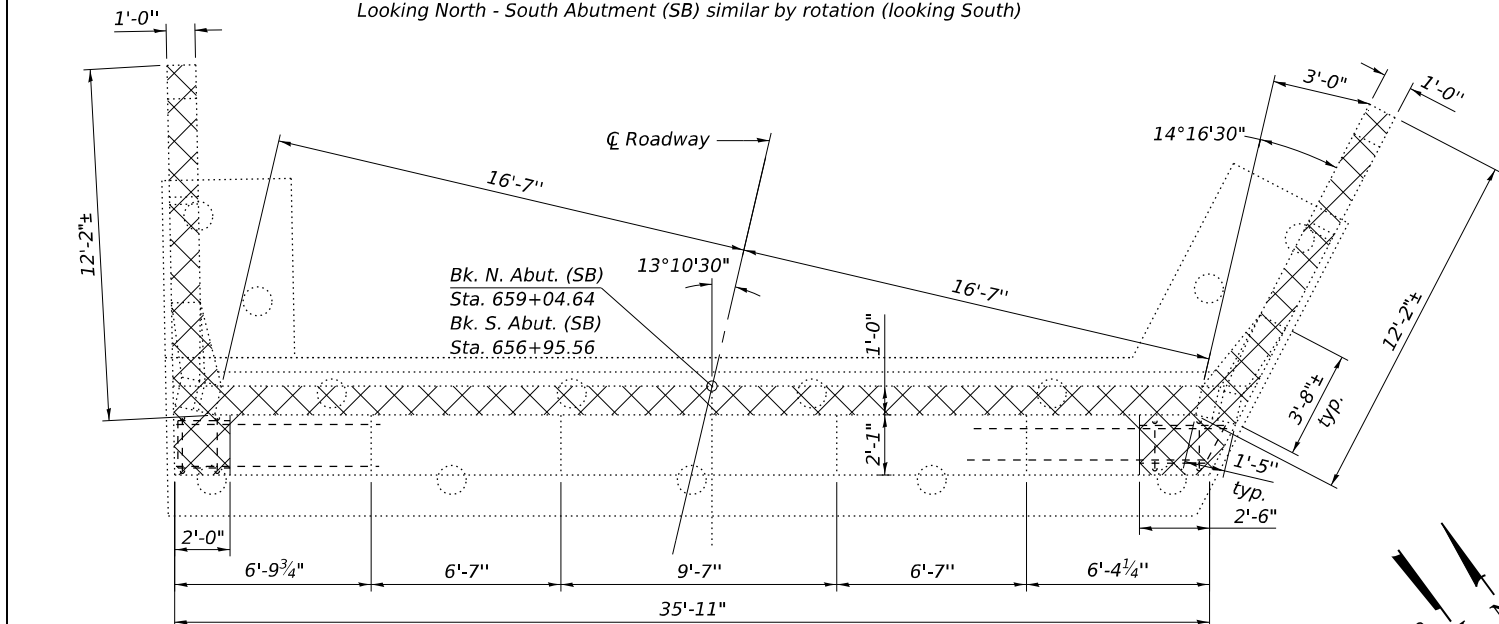
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PLOT SCALE =	SSCALE\$
PLOT DATE =	SDATES

DESIGNED -	PDA
CHECKED -	MJT
DRAWN -	MMY
CHECKED -	MJT/TZ

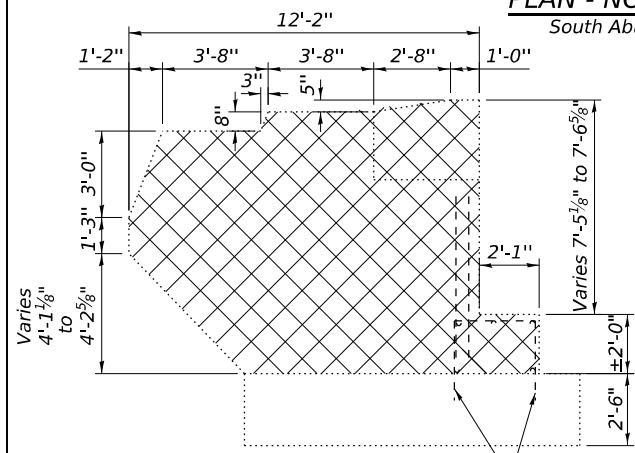
REVISED -	
REVISED -	
REVISED -	
REVISED -	



ELEVATION - NORTH ABUTMENT (SB)
Looking North - South Abutment (SB) similar by rotation (looking South)

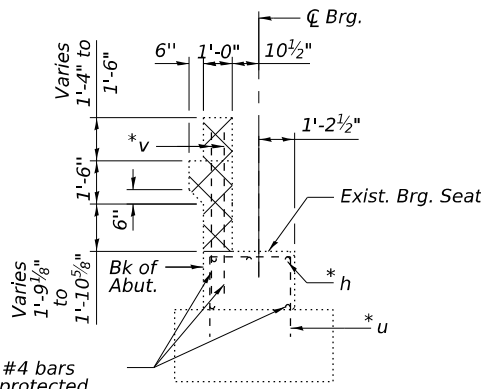


PLAN - NORTH ABUTMENT (SB)
South Abutment (SB) similar by rotation

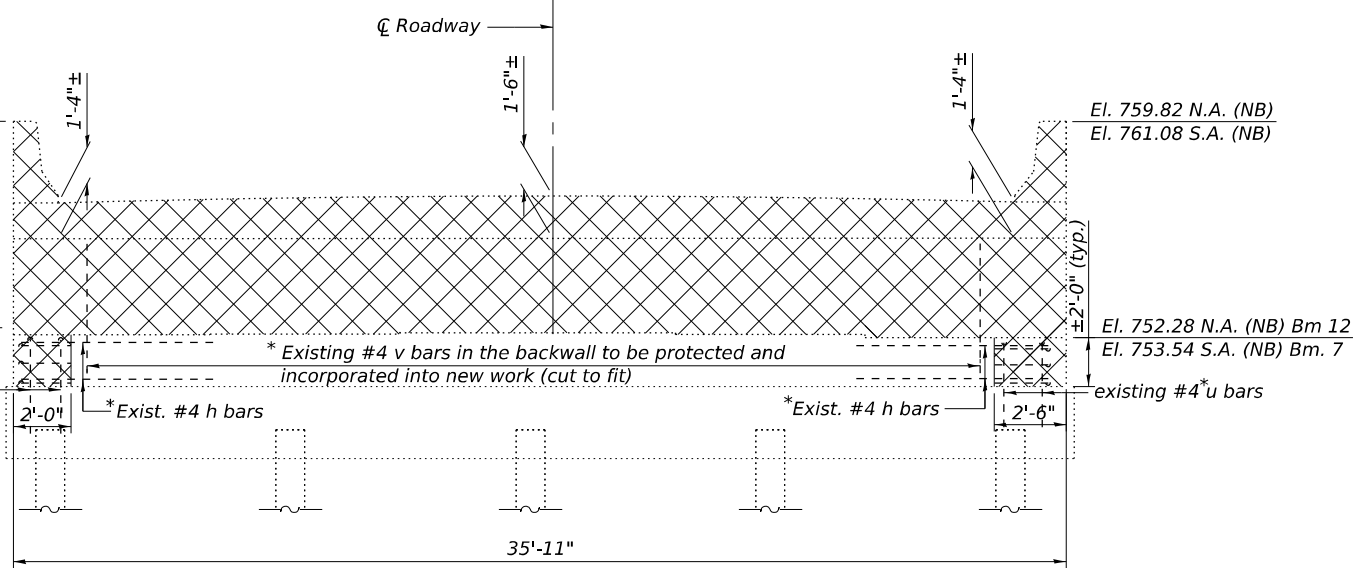


ELEVATION - WINGWALL

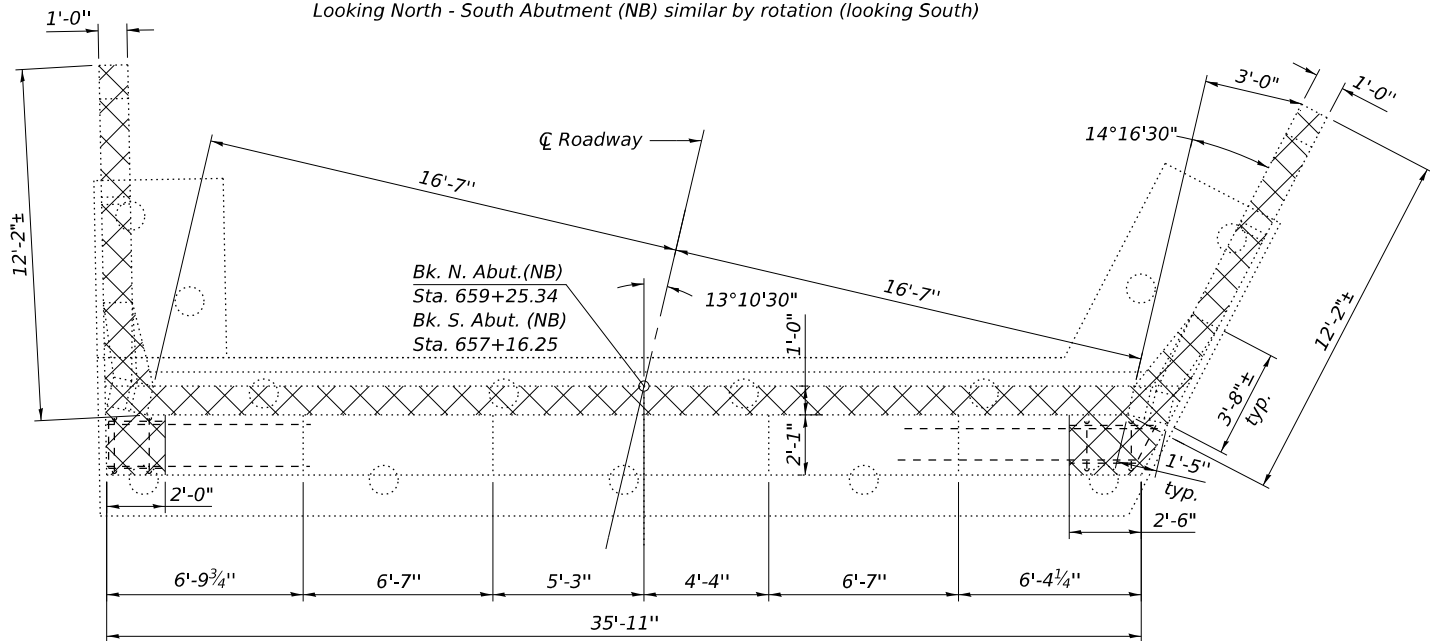
(N. Abut - West Wingwall shown. East wing similar. Other wings typ.)



SEC. THRU ABUT.



ELEVATION - NORTH ABUTMENT (NB)
Looking North - South Abutment (NB) similar by rotation (looking South)



PLAN - NORTH ABUTMENT (NB)
South Abutment (NB) similar by rotation

LEGEND
Concrete Removal

Notes:
Plan elevations relative to the existing bearing seats were determined using the most recent survey data and recorded field measurements. Measurements were taken from the bottom of the existing beam flanges to the existing bearing seats to determine these elevations. In details on this sheet, all horizontal dimensions are at Rt. L's.

* Existing reinforcement shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.

BILL OF MATERIAL - FOUR ABUTMENTS

Item	Unit	Total
Concrete Removal	Cu. Yd.	59.2

MODEL: \$MODELNAME\$
FILE NAME: \$FILEL\$

KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
109 N. 27th Street, 3rd Floor
Springfield, IL 62761
Phone: 217-678-0244

USER NAME = \$USERS\$
DESIGNED - PDA
CHECKED - MJT
PLOT SCALE = \$SCALES\$
DRAWN - MMY
PLOT DATE = \$DATES\$
CHECKED - MJT/TZ
REVISED -

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ
REVISED -

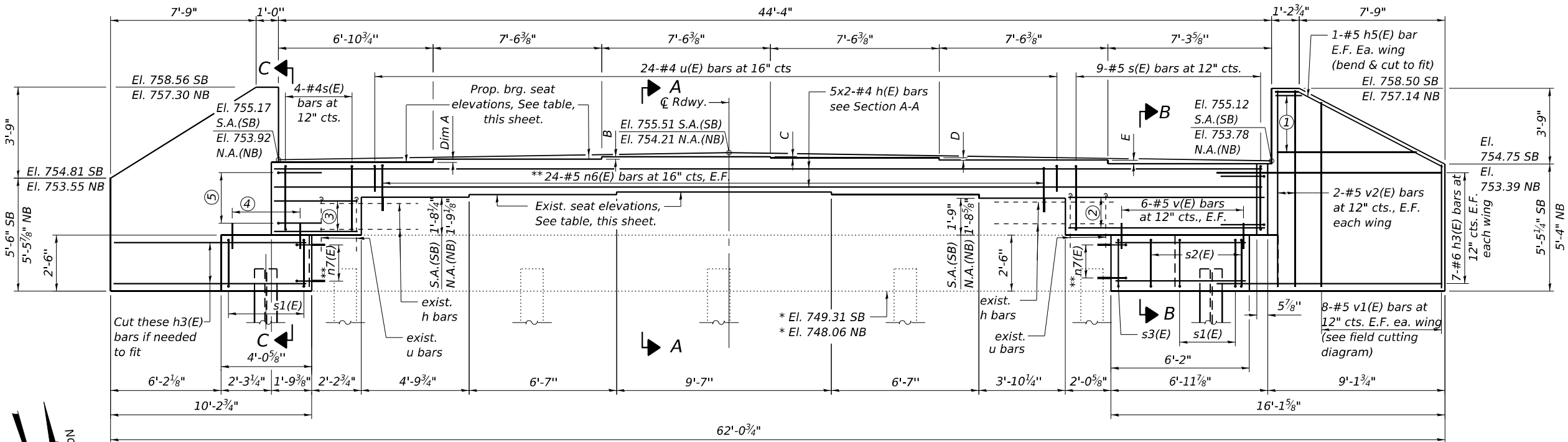
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENTS - CONCRETE REMOVAL DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 22 OF 37 SHEETS

F.A.I. RTE. 57 SECTION (15-22VB)BR COUNTY COLES TOTAL SHEETS 158 SHEET NO. 76 CONTRACT NO. 74650 ILLINOIS FED. AID PROJECT

MODEL: Sheet
FILE NAME: I:\2022\22034.06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\I\CADData\CAD\Sheets\use ORD\10.12\0150003_0004-74650-023-SA-SB_NA-NB.dgn
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- ① 4-#6 h4(E) bars at 12" cts. E.F., ea. wing (see field cutting diagram)
- ② 4-#4 h2(E) bars lap with existing horizontal reinforcement. Cut to fit.
- ③ 4-#4 h1(E) bars lap with existing horizontal reinforcement. Cut to fit.
- ④ 4-#5 v(E) bars at 12" cts. E.F.
- ⑤ 4-#4 u1(E) bars, each end.

* Per exist. plans. Contractor to verify.

** Epoxy grout n6(E) & n7(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.

ABUTMENT BEARING SEAT ELEVATIONS

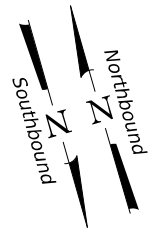
Beam	South Abutment (SB)	
	Existing	Proposed
1	753.56	755.00
2	753.72	755.15
3	753.74	755.26
4	753.74	755.31
5	753.62	755.20
6	753.50	755.06
Beam	North Abutment (NB)	
	Existing	Proposed
7	752.32	753.81
8	752.42	753.92
9	752.46	754.02
10	752.46	753.94
11	752.39	753.81
12	752.28	753.65

Note:
Existing bearing seat elevations were derived from survey data and differ from the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

ABUTMENT BEARING SEAT STEP HEIGHT DIMENSIONS

Dim.	S. Abut. (SB)	N. Abut. (NB)
A	1 ⁵ / ₈ "	1 ³ / ₈ "
B	1 ³ / ₈ "	1 ¹ / ₈ "
C	0 ⁵ / ₈ "	0 ⁷ / ₈ "
D	1 ³ / ₈ "	1 ¹ / ₂ "
E	1 ³ / ₄ "	1 ⁷ / ₈ "

Notes:
Pour steps monolithically with cap.
For details of piles see sheet 33 of 37.
For Sec. A-A, B-B, C-C, bar details and Bill of Material, see sheet 25 of 37.

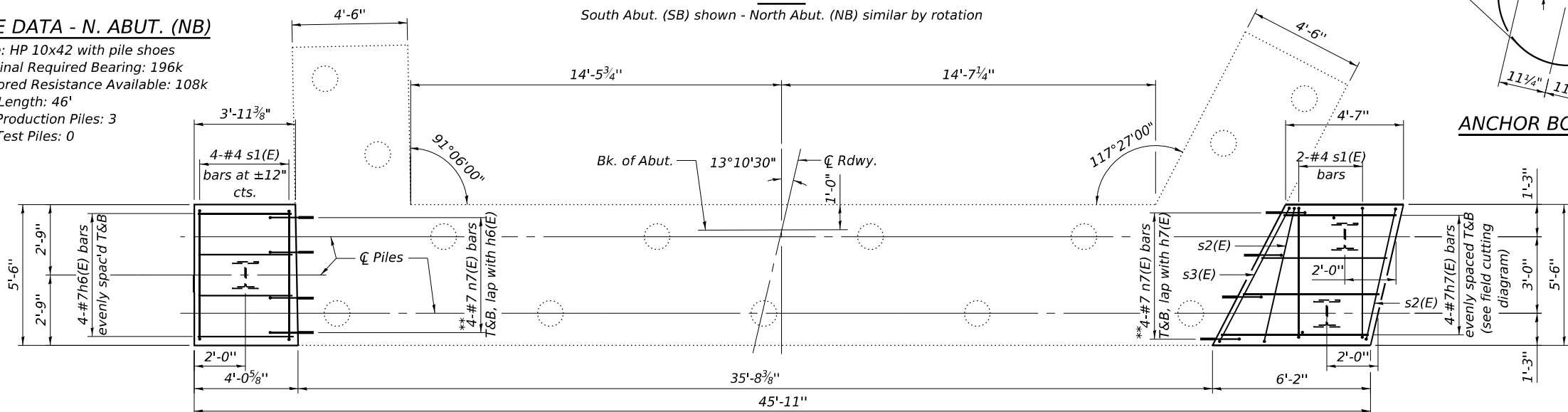
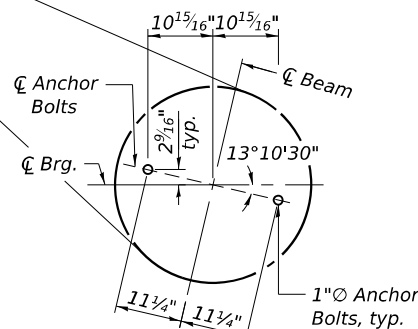
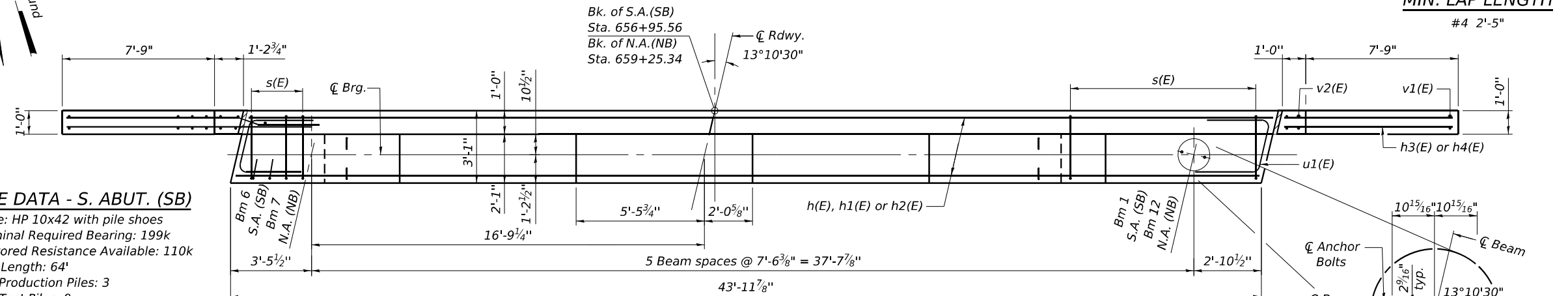


PILE DATA - S. ABUT. (SB)

Type: HP 10x42 with pile shoes
Nominal Required Bearing: 199k
Factored Resistance Available: 110k
Est. Length: 64'
No. Production Piles: 3
No. Test Piles: 0

PILE DATA - N. ABUT. (NB)

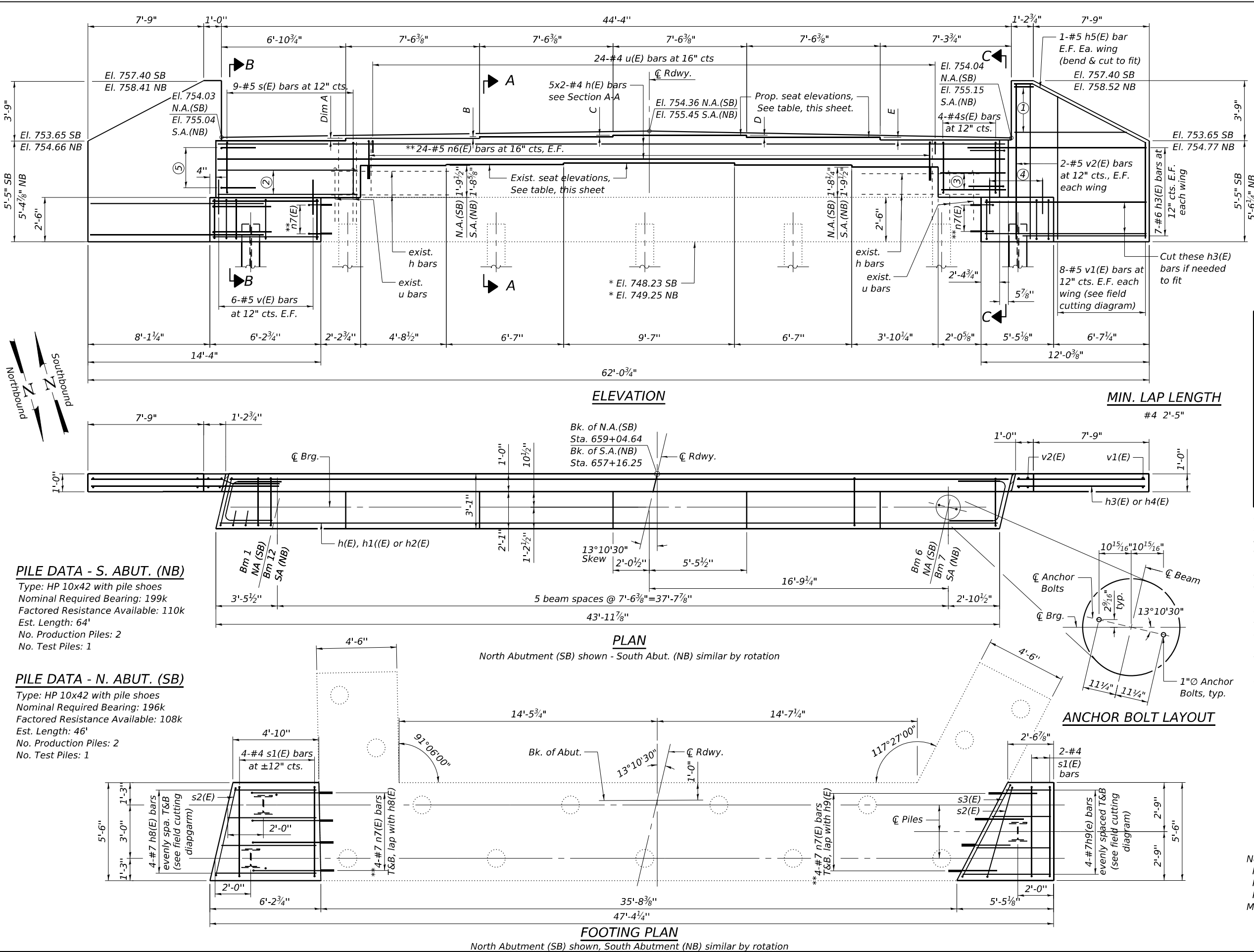
Type: HP 10x42 with pile shoes
Nominal Required Bearing: 196k
Factored Resistance Available: 108k
Est. Length: 46'
No. Production Piles: 3
No. Test Piles: 0



South Abut. (SB) shown - North Abut. (NB) similar by rotation

 KUHN & TRELLO CONSULTING ENGINEERS A Limited Liability Company 109 N. 7th Street, 3rd Floor Springfield, IL 62761 Phone: 217-579-0044 Professional Design Firm No. 384-006516	USER NAME = myoung	DESIGNED - PDA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH ABUTMENT (SB) & NORTH ABUTMENT (NB) - WIDENING DETAILS S.N. 015-0003 (SB) & S.N. 015-0004 (NB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - MJT	REVISED -			57	(15-22V)BR	COLES	158	77	
	PLOT SCALE = 0.16866633' / in.	DRAWN - MMY	REVISED -			CONTRACT NO. 74650					
	PLOT DATE = 8/18/2025	CHECKED - MJT/TZ	REVISED -			SHEET 23 OF 37 SHEETS					
							ILLINOIS	FED. AID PROJECT			

MODEL: Sheet
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8/19/2025 3:29:52 PM



PILE DATA - S. ABUT. (NB)

Type: HP 10x42 with pile shoes
Nominal Required Bearing: 199k
Factored Resistance Available: 110k
Est. Length: 64'
No. Production Piles: 2
No. Test Piles: 1

PILE DATA - N. ABUT. (SB)

Type: HP 10x42 with pile shoes
Nominal Required Bearing: 196k
Factored Resistance Available: 108k
Est. Length: 46'
No. Production Piles: 2
No. Test Piles: 1

- ① 4-#6 h4(E) bars at 12" cts. E.F., ea. wing (see field cutting diagram)
- ② 4-#4 h2(E) bars lap with existing horizontal reinforcement. Cut to fit.
- ③ 4-#4 h1(E) bars lap with existing horizontal reinforcement. Cut to fit.
- ④ 4-#5 v(E) bars at 12" cts. E.F.
- ⑤ 4-#4 u1(E) bars, each end.

* Per exist. plans. Contractor to verify.

** Epoxy grout n6(E) & n7(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.

ABUTMENT BEARING SEAT ELEVATIONS

Beam	North Abutment (SB)	
	Existing	Proposed
1	752.52	753.91
2	752.55	754.04
3	752.61	754.14
4	752.61	754.19
5	752.54	754.06
6	752.42	753.92
Beam	South Abutment (NB)	
	Existing	Proposed
7	753.54	755.02
8	753.62	755.15
9	753.68	755.25
10	753.68	755.19
11	753.58	755.07
12	753.47	754.91

Notes:
Bearing seat elevations were derived from survey data and differ from the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

ABUTMENT BEARING SEAT STEP HEIGHT DIMENSIONS

Dim.	N. Abut. (SB)	S. Abut. (NB)
A	1 ⁵ / ₈ "	1 ⁷ / ₈ "
B	1 ¹ / ₄ "	1 ¹ / ₂ "
C	0 ¹ / ₂ "	0 ³ / ₄ "
D	1 ¹ / ₂ "	1 ¹ / ₄ "
E	1 ³ / ₄ "	1 ¹ / ₂ "

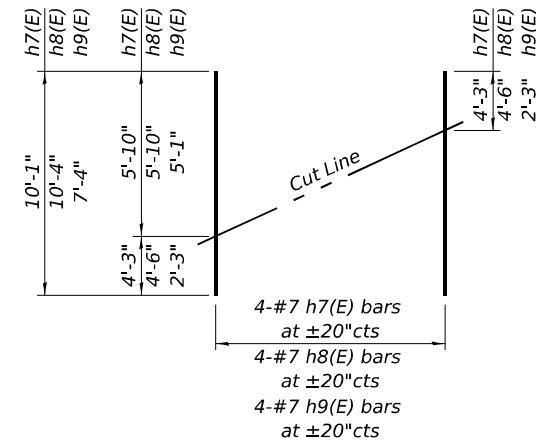
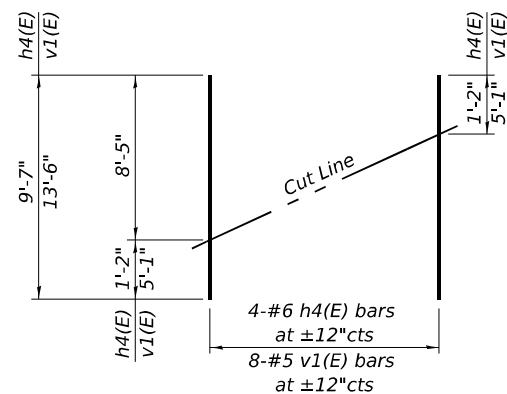
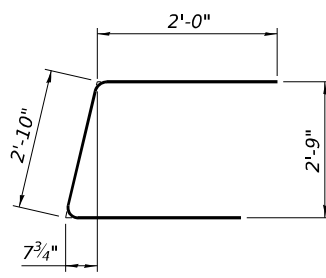
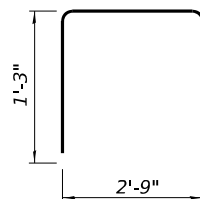
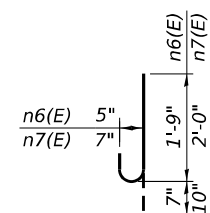
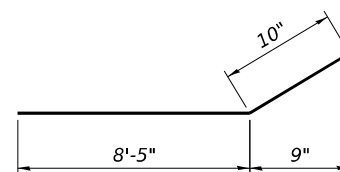
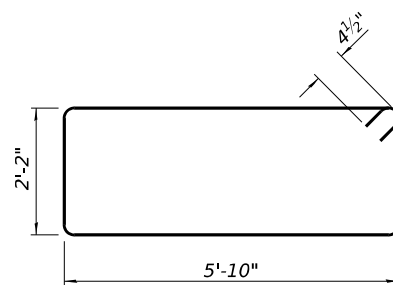
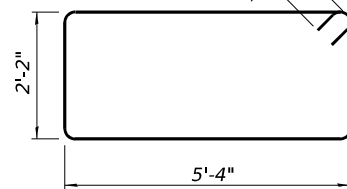
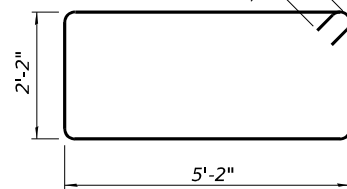
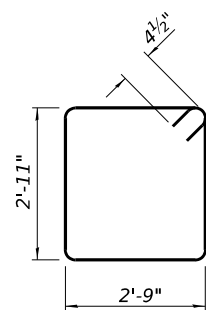
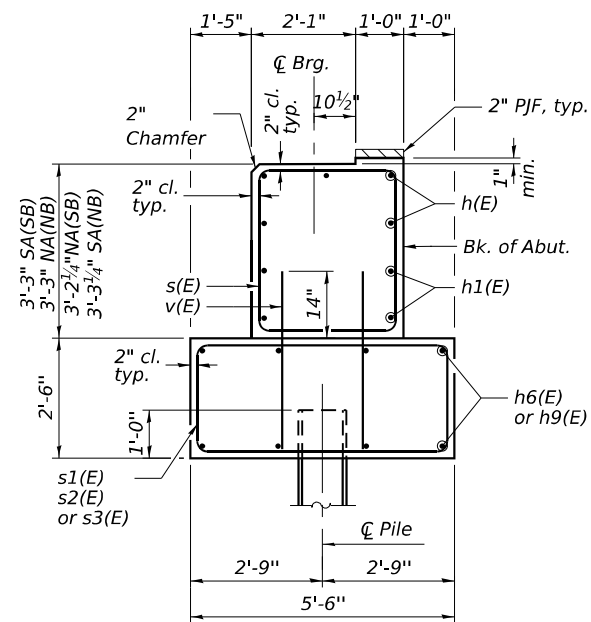
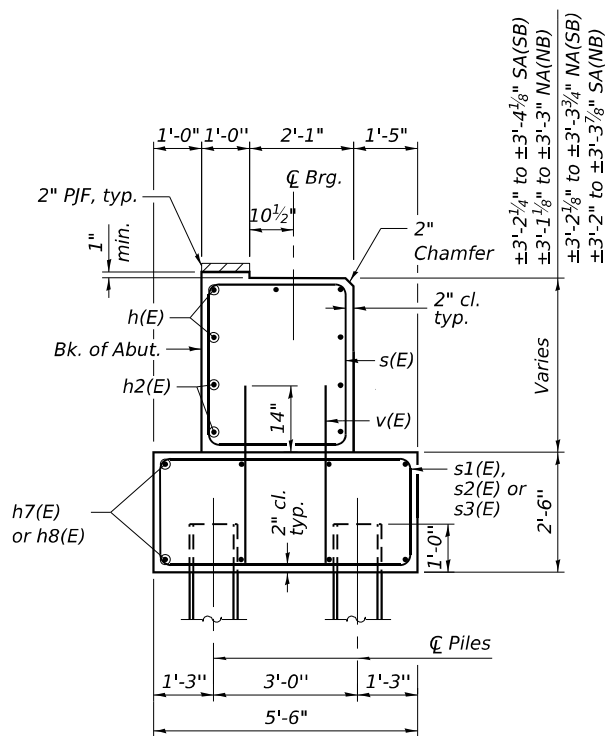
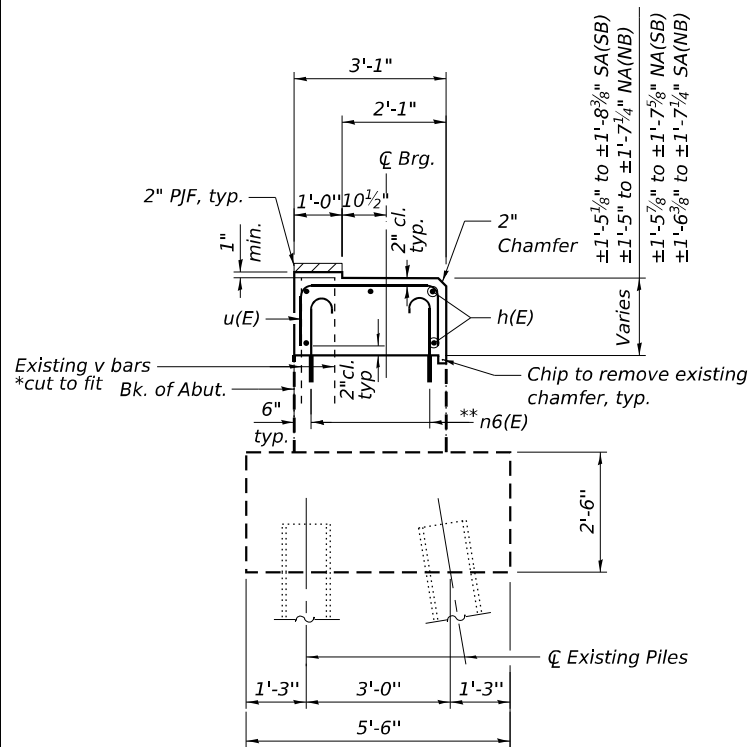
Notes:
Four steps monolithically with cap.
For details of piles see sheet 33 of 37.
For Sec. A-A, B-B, C-C, bar details and Bill of Material, see sheet 25 of 37.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT (NB) & NORTH ABUTMENT (SB) - WIDENING DETAILS
S.N. 015-0003 (SB) & S.N015-0004 (NB)

SHEET 24 OF 37 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22V)BJR	COLES	158	78
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



Notes:
 Pour steps monolithically with cap.
 For details of piles see sheet 33 of 37.
 For sections cuts, see sheet 23 & 24 of 37.

- * Exist. #4 bars to be protected & incorporated into new work

*** Epoxy grout n6(E) & n7(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.

MIN. BAR LAP
#4 bar = 2'-5"

FOUR ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	40	#4	23'-6"	
h1(E)	16	#4	4'-0"	
h2(E)	16	#4	8'-8"	
h3(E)	112	#6	12'-0"	
h4(E)	32	#6	9'-7"	
h5(E)	16	#5	9'-3"	
h6(E)	16	#7	3'-8"	
h7(E)	8	#7	10'-1"	
h8(E)	8	#7	10'-4"	
h9(E)	8	#7	7'-4"	
s(E)	52	#4	12'-1"	
s1(E)	24	#4	15'-5"	
s2(E)	8	#4	15'-9"	
s3(E)	4	#4	16'-9"	
n6(E)	192	#5	2'-4"	
n7(E)	64	#7	2'-10"	
u(E)	96	#4	5'-3"	
u1(E)	32	#4	6'-10"	
v(E)	80	#5	3'-6"	
v1(E)	64	#5	13'-6"	
v2(E)	16	#5	8'-10"	
Structure Excavation			Cu. Yd.	604
Concrete Structures			Cu. Yd.	79.8
Reinforcement Bars, Epoxy Coated			Pound	7440
Furnishing Steel Piles HP 10x42			Foot	550
Driving Piles			Foot	550
Test Pile Steel HP 10x42			Each	2
Pile Shoes			Each	12

MODEL: Sheet
FILE NAME: I:\2022\2023\06 IDOT D7 - PTB 203-037 - W06 - Coles County 74650 - Phase I\VCADData\CADSheets\use ORD\10.120\150003_0004-74650-026-PierRem.dgn
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USER NAME = myoung
PLOT SCALE = \$SCALES\$
PLOT DATE = 7/24/2025

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ

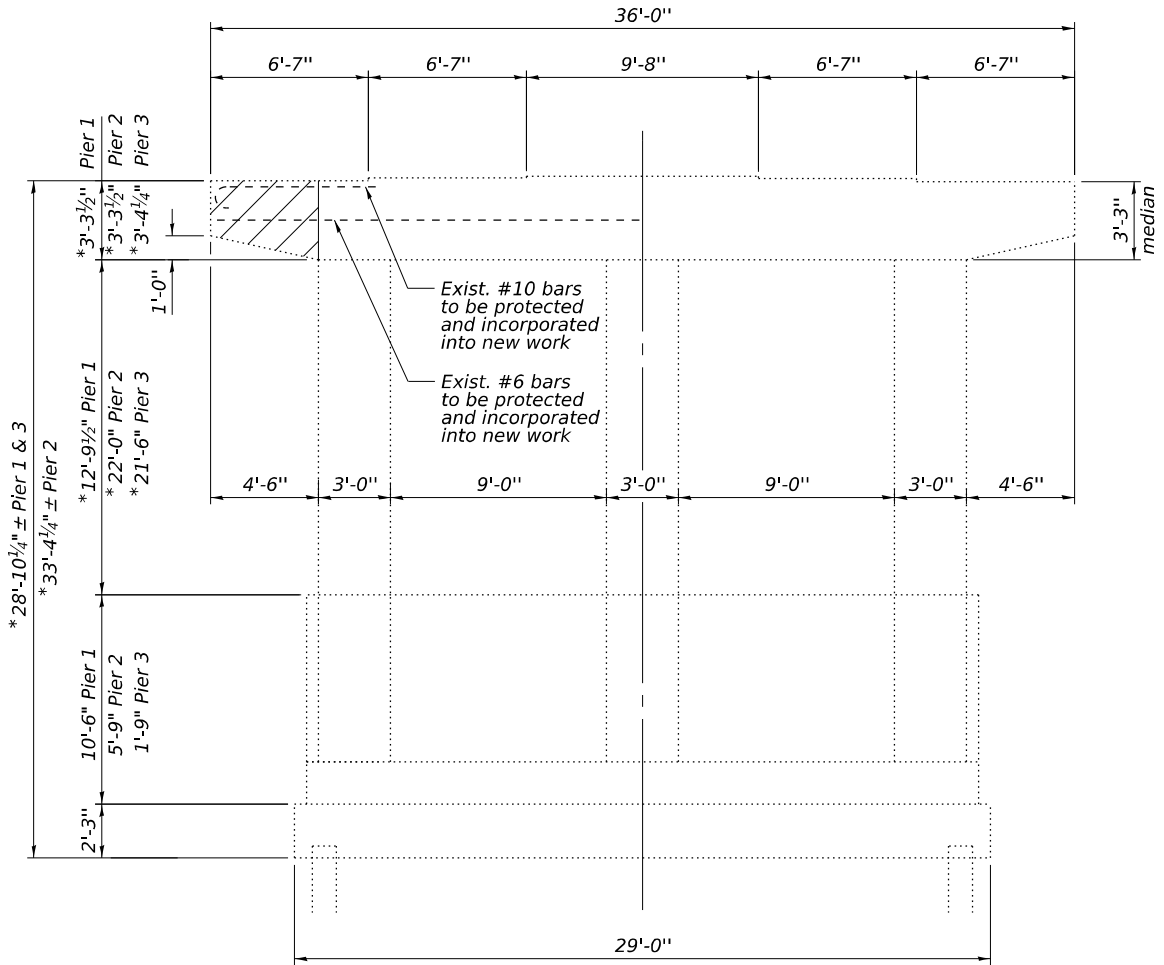
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

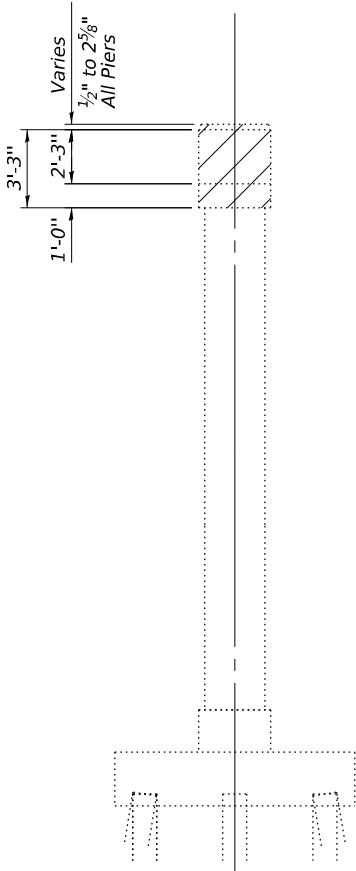
PIERS - CONCRETE REMOVAL DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 26 OF 37 SHEETS

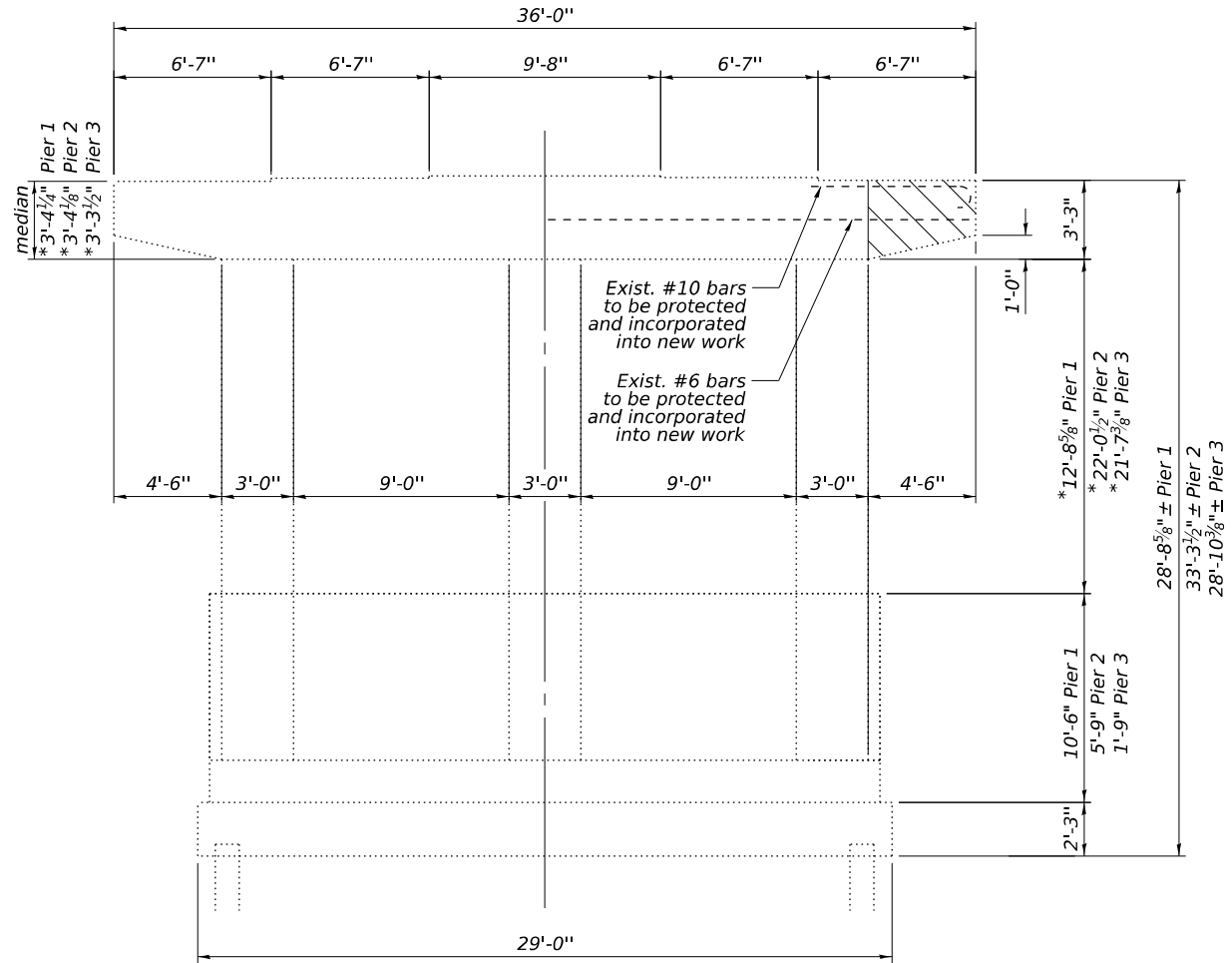
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	80
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



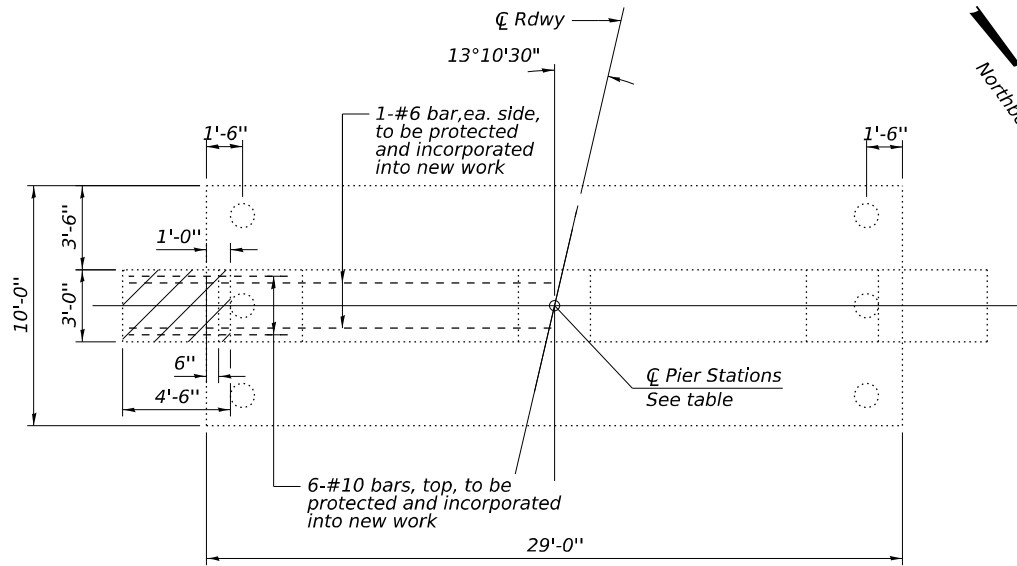
ELEVATION - PIERS 1, 2 & 3 (SOUTHBOUND)
(Looking North)



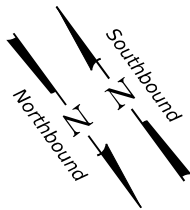
END ELEVATION - PIERS 1, 2 & 3



ELEVATION - PIERS 1, 2 & 3 (NORTHBOUND)
(Looking North)



PLAN - PIERS 1, 2 & 3
South Bound shown; North Bound similar by rotation

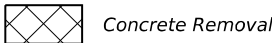


PIER STATIONS

Pier No.	Station	Structure
1	657+44.31	S.B.
2	658+00.06	S.B.
3	658+55.22	S.B.
1	657+65.17	N.B.
2	658+20.59	N.B.
3	658+75.26	N.B.

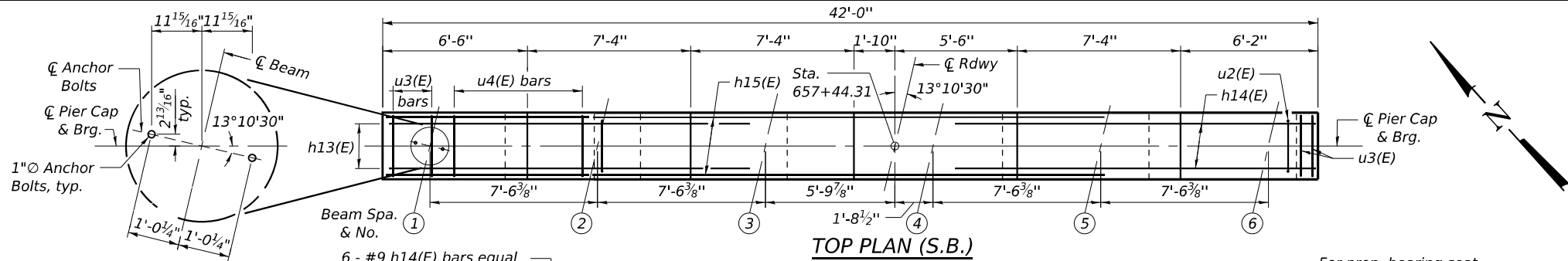
Note:
* Dimensions were derived from survey data and differ from existing plans.
Dimensions specifying each pier are for both SB & NB bridges
Concrete Removal is for widened portions on non-median ends of piers. (West end of Southbound & east end of Northbound bridge piers)
Existing reinforcement shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.
See sheets 27 thru 30 of 37 for existing pier seat elevations.

LEGEND

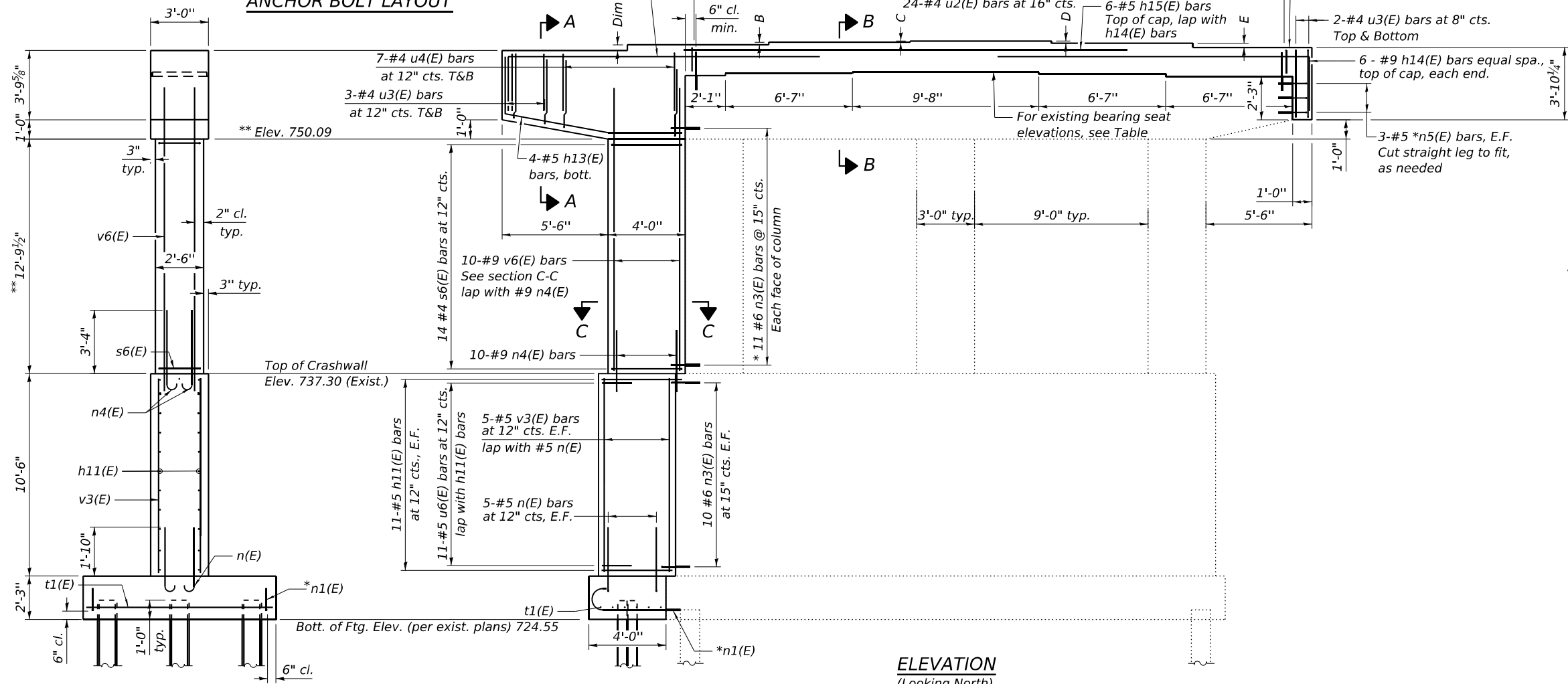


BILL OF MATERIAL - 6 PIERS

Item	Unit	Total
Concrete Removal	Cu. Yd.	8.4



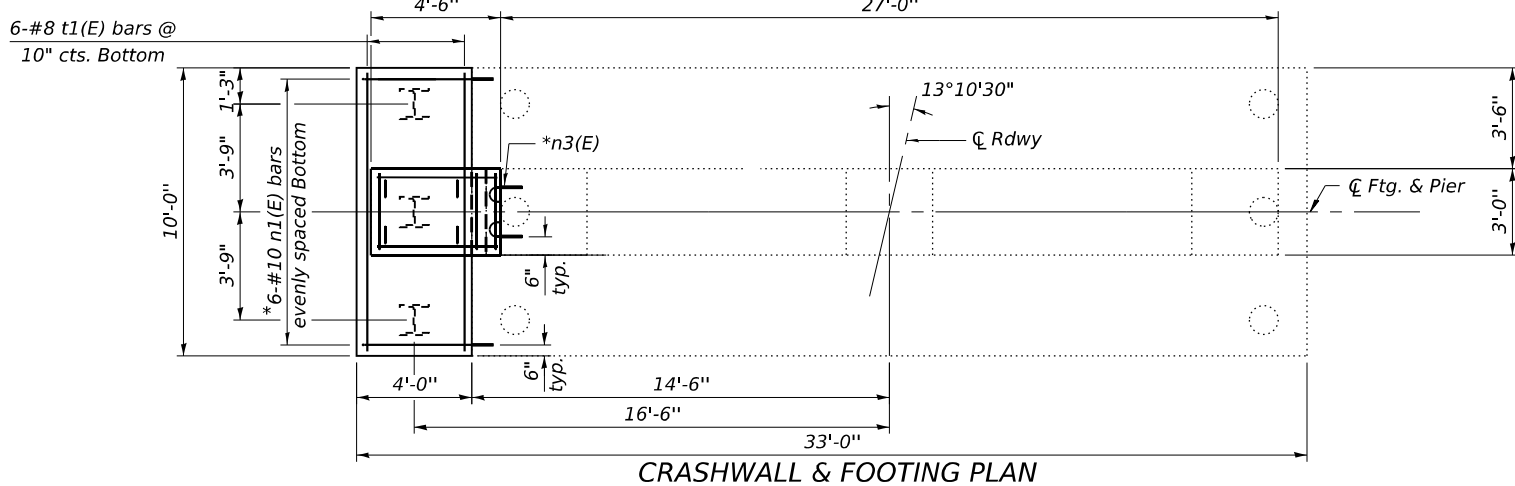
ANCHOR BOLT LAYOUT



END VIEW (Looking East)

PILE DATA

Type: HP 10x42 with Pile Shoes
Nominal Required Bearing: 335 kips
Factored Resistance Available: 184 kips
Est. Length: 85 ft
No. Production Piles: 2
No. Test Piles: 1



** SOUTHBOUND PIERS EXISTING BEARING SEAT ELEVATIONS

(For Information Only)

BEAM	PIER 1
1	753.40
2	753.53
3	753.59
4	753.59
5	753.52
6	753.34

** Note:
Existing bearing seat elevations were derived from survey data and differ from the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

SOUTHBOUND PIERS PROPOSED BEARING SEAT ELEVATIONS

BEAM	PIER 1
1	754.89
2	755.03
3	755.14
4	755.19
5	755.07
6	754.94

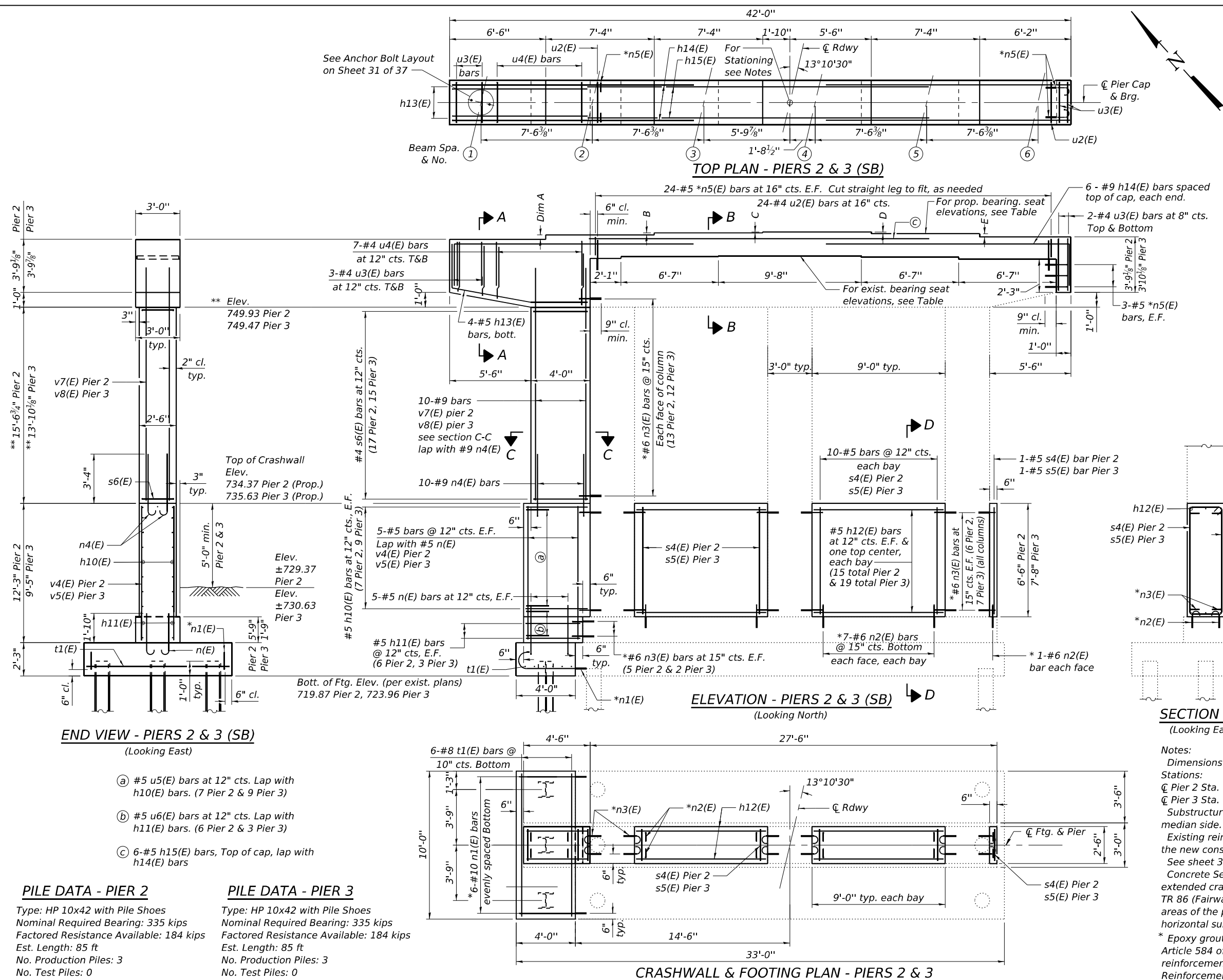
SOUTHBOUND PIERS PROPOSED BEARING SEAT STEP HEIGHT DIMENSIONS

DIM.	PIER 1
A	1 ⁵ / ₈ "
B	1 ¹ / ₄ "
C	0 ⁵ / ₈ "
D	1 ³ / ₈ "
E	1 ⁵ / ₈ "

Notes:
Substructure extensions are on the outer portion of structures rather than median side. (West end of Southbound bridge piers)
Existing reinforcement shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.
See sheet 31 of 37 for Sections A-A, B-B, C-C, pier details and Bill of Material.

* Epoxy grout n1(E), n2(E), n3(E) & n5(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed Cost included in Reinforcement Bars, Epoxy Coated.

MODEL: Sheet
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8/18/2025 4:59:17 PM



**** SOUTHBOUND PIERS
EXISTING BEARING SEAT ELEVATIONS**
(For Information Only)

BEAM	PIER 2	PIER 3
1	753.22	752.82
2	753.33	752.89
3	753.39	752.94
4	753.39	752.94
5	753.31	752.86
6	753.18	752.72

** Note:
Existing bearing seat elevations were derived from survey data and differ from the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

**SOUTHBOUND PIERS
PROPOSED BEARING SEAT
ELEVATIONS**

BEAM	PIER 2	PIER 3
1	754.69	754.29
2	754.83	754.42
3	754.93	754.53
4	754.98	754.58
5	754.86	754.45
6	754.72	754.31

**SOUTHBOUND PIERS
PROPOSED BEARING SEAT
STEP HEIGHT DIMENSIONS**

DIM.	PIER 2	PIER 3
A	1 5/8"	1 5/8"
B	1 1/4"	1 1/4"
C	0 5/8"	0 5/8"
D	1 3/8"	1 1/2"
E	1 3/4"	1 5/8"

**SECTION D-D
(Looking East)**

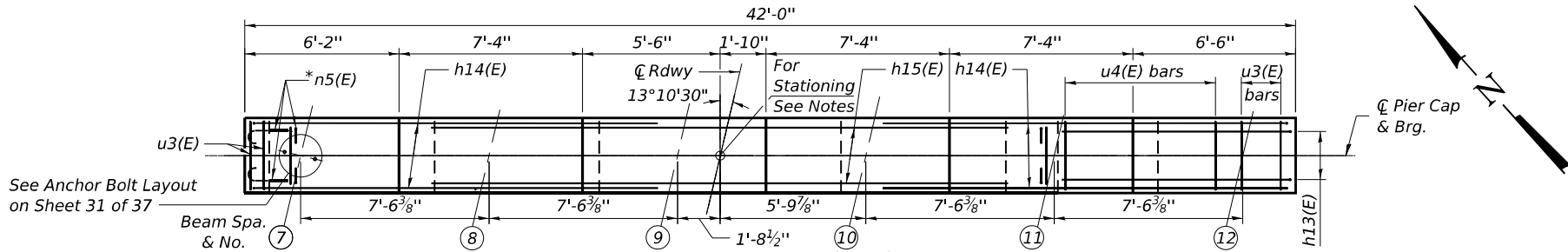
Notes:
Dimensions specifying each pier are for SB bridge.
Stations:
☐ Pier 2 Sta. 658+00.06
☐ Pier 3 Sta. 658+55.22
Substructure extensions are on the outer portion of structures rather than median side. (West end of Southbound bridge piers)
Existing reinforcement shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.
See sheet 31 of 37 for Sections A-A, B-B, C-C, pier details and Bill of Material.
Concrete Sealer shall be applied to new concrete of the front face of the extended crashwalls and column extensions of Piers 2 & 3 adjacent to TR 86 (Fairway View Circle). Concrete Sealer shall be applied to the designated areas of the piers. The Concrete Sealer shall be a "film forming" type for horizontal surfaces.
* Epoxy grout n1(E), n2(E), n3(E) & n5(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIERS 2 & 3 CRASHWALL EXTENSION & WIDENING DETAILS - (SB)
S.N. 015-0003 (SB)

SHEET 28 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22)BJR	COLES	158	82
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



****Note:**
Existing bearing seat elevations were derived from survey data and differ from the existing plans. Other plan dimensions and details relative to the existing structures have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

****NORTHBOUND PIERS
EXISTING BEARING SEAT ELEVATIONS**
(For Information Only)

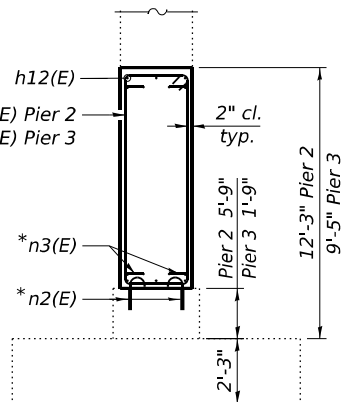
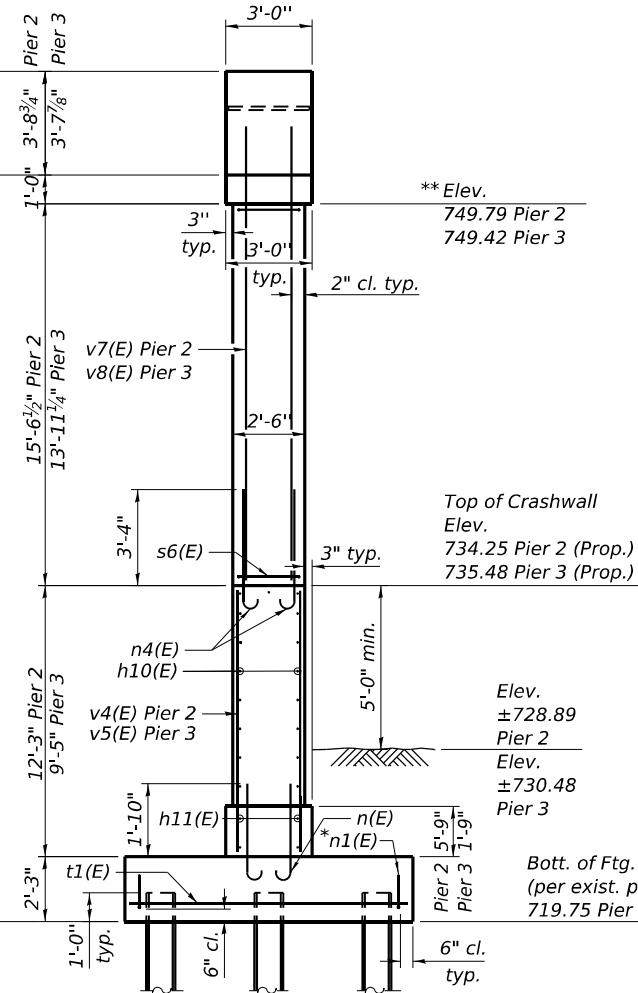
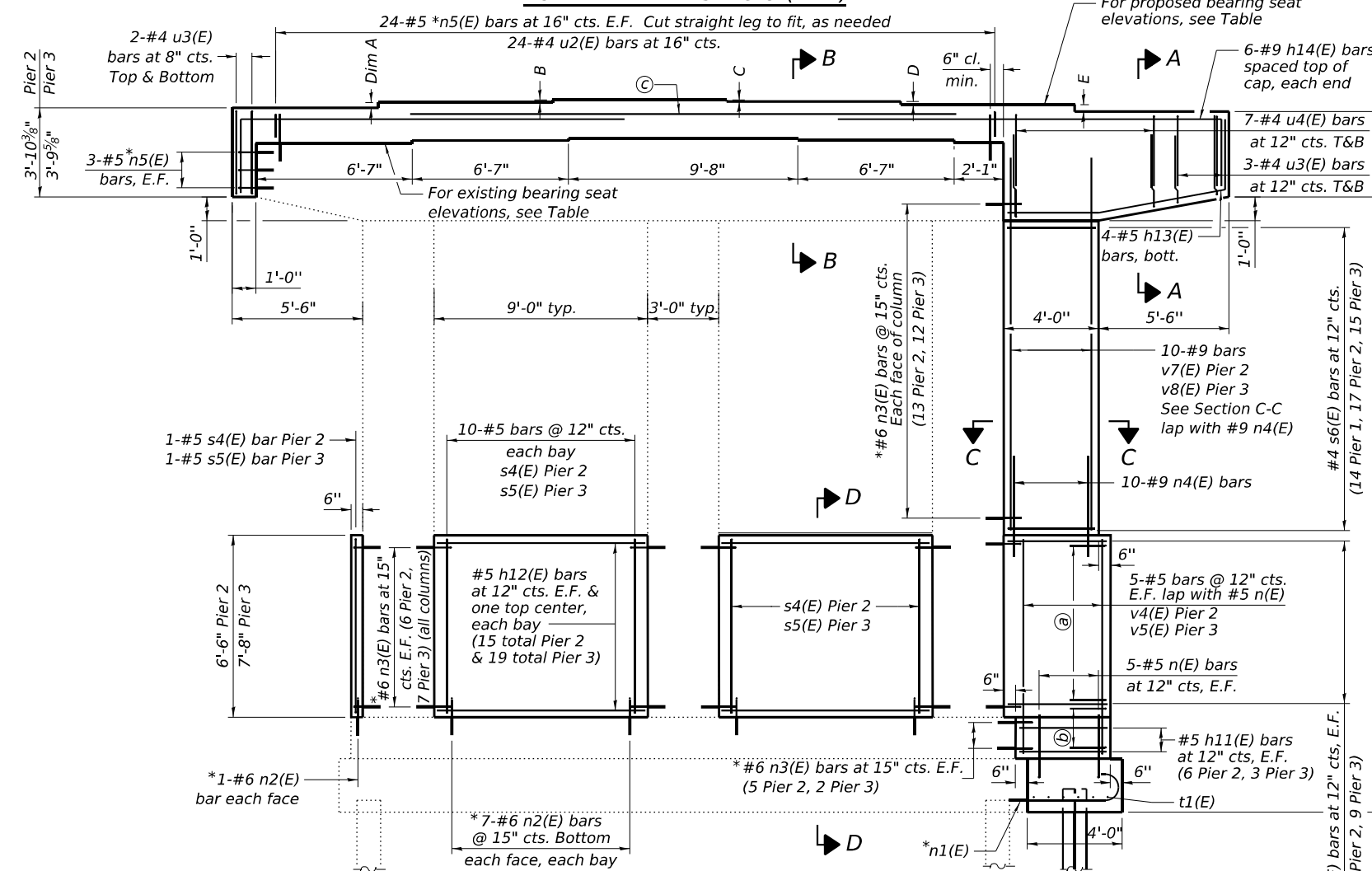
BEAM	PIER 2	PIER 3
7	753.13	752.71
8	753.20	752.81
9	753.29	752.85
10	753.29	752.85
11	753.18	752.79
12	753.04	752.67

**NORTHBOUND PIERS
PROPOSED BEARING SEAT ELEVATIONS**

BEAM	PIER 2	PIER 3
7	754.65	754.22
8	754.77	754.34
9	754.87	754.44
10	754.80	754.37
11	754.67	754.24
12	754.52	754.08

**NORTHBOUND PIERS
PROPOSED BEARING SEAT
STEP HEIGHT DIMENSIONS**

DIM.	PIER 2	PIER 3
A	1 1/2"	1 3/8"
B	1 1/4"	1 1/8"
C	0 7/8"	0 7/8"
D	1 1/2"	1 1/2"
E	1 7/8"	1 7/8"



**END VIEW - PIERS 2 & 3
(Looking West)**

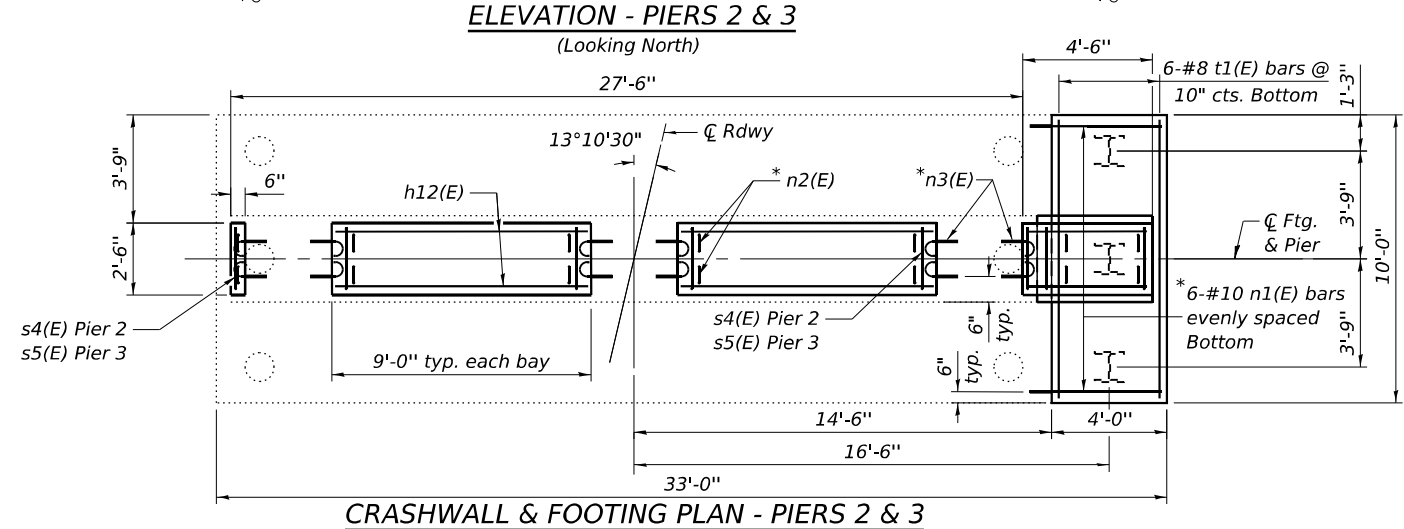
- a) #5 u5(E) bars at 12" cts. Lap with h10(E) bars. (7 Pier 2 & 9 Pier 3)
- b) #5 u6(E) bars at 12" cts. Lap with h11(E) bars. (6 Pier 2 & 3 Pier 3)
- c) 6-#5 h15(E) bars, Top of cap, lap with h14(E) bars

PILE DATA - PIER 2

Type: HP 10x42 with Pile Shoes
Nominal Required Bearing: 335 kips
Factored Resistance Available: 184 kips
Est. Length: 85 ft
No. Production Piles: 3
No. Test Piles: 0

PILE DATA - PIER 3

Type: HP 10x42 with Pile Shoes
Nominal Required Bearing: 335 kips
Factored Resistance Available: 184 kips
Est. Length: 85 ft
No. Production Piles: 2
No. Test Piles: 1

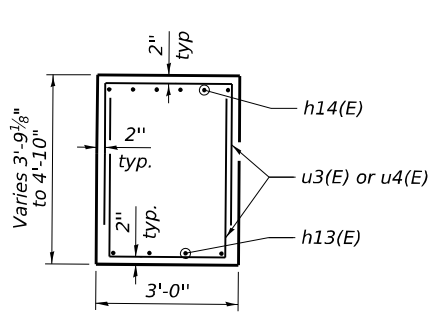


Notes:
Dimensions specifying each Pier are for NB bridge.
Stations:
 ☐ Pier 2 Sta. 658+20.59
 ☐ Pier 3 Sta. 658+75.26
Substructure extensions are on the outer portion of structures rather than median side. (East end of Northbound bridge Piers)
Existing reinforcement shall be cleaned, straightened and incorporated into the new construction. Cost included with Concrete Removal.
See sheet 31 of 37 for Sections A-A, B-B, C-C, pier details and Bill of Material.
Concrete Sealer shall be applied to new concrete of the front face of the extended crashwalls and column extensions of Pier 2 & 3 adjacent to TR 86 (Fairway View Circle).

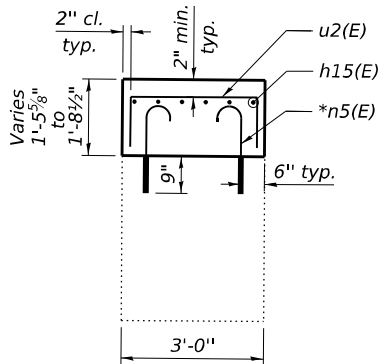
* Epoxy grout n1(E), n2(E), n3(E) & n5(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.

MODEL: Sheet
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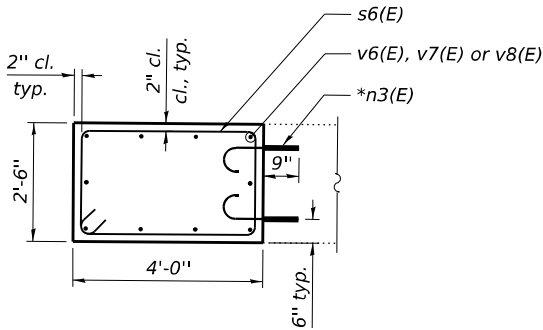
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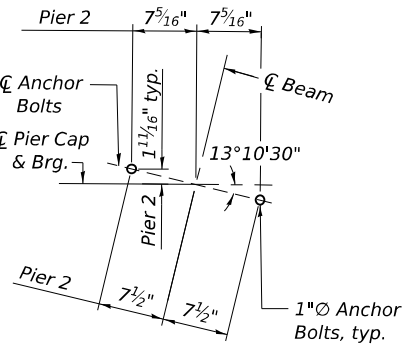
SECTION A-A



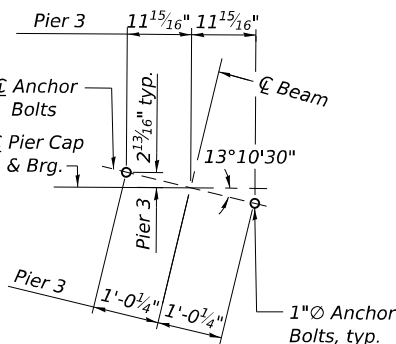
SECTION B-B



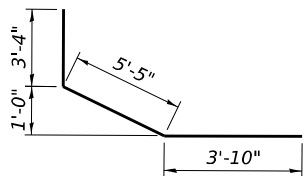
SECTION C-C



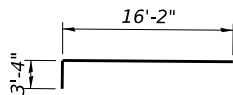
ANCHOR BOLT LAYOUT
PIER 2 (SB) & (NB)



ANCHOR BOLT LAYOUT
PIER 3 (SB) & (NB)

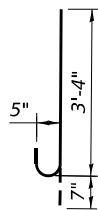


BAR h13(E)

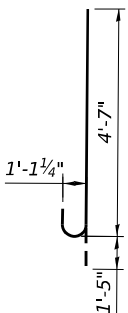


BAR h14(E)

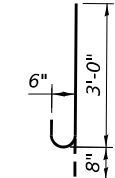
* Epoxy grout n1(E), n2(E), n3(E) & n5(E) bars in 9" holes according to Article 584 of the Standard Specifications. Adjust location to clear existing reinforcement. Cut straight leg to fit when needed. Cost included in Reinforcement Bars, Epoxy Coated.



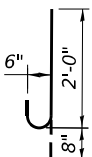
BAR n(E)



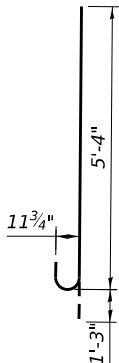
BAR *n1(E)



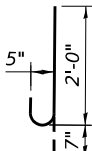
BAR *n2(E)



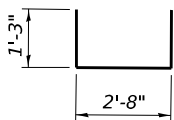
BAR *n3(E)



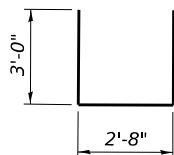
BAR n4(E)



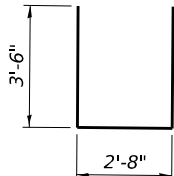
BAR *n5(E)



BAR u2(E)



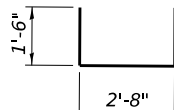
BAR u3(E)



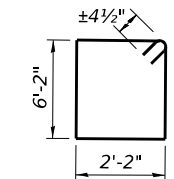
BAR u4(E)



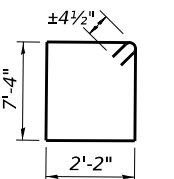
BAR u5(E)



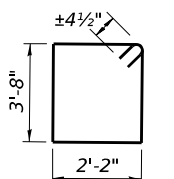
BAR u6(E)



BARS s4(E)



BARS s5(E)



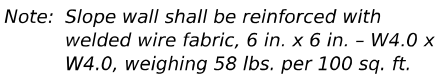
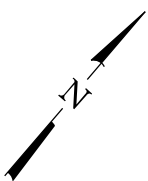
BARS s6(E)

THREE PIERS (SB)
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	32	#5	4'-2"	—
h11(E)	40	#5	3'-8"	—
h12(E)	68	#5	8'-8"	—
h13(E)	12	#5	12'-7"	┐
h14(E)	36	#9	19'-6"	┐
h15(E)	18	#5	23'-0"	—
n(E)	30	#5	3'-11"	┐
n1(E)	18	#10	6'-0"	┐
n2(E)	60	#6	3'-8"	┐
n3(E)	262	#6	2'-8"	┐
n4(E)	30	#9	6'-7"	┐
n5(E)	162	#5	2'-7"	┐
s4(E)	21	#5	17'-5"	□
s5(E)	21	#5	19'-9"	□
s6(E)	46	#4	12'-5"	□
t1(E)	18	#8	9'-8"	—
u2(E)	72	#4	5'-2"	┐
u3(E)	30	#4	8'-8"	┐
u4(E)	42	#4	9'-8"	┐
u5(E)	16	#5	5'-2"	┐
u6(E)	20	#5	5'-8"	┐
v3(E)	10	#5	10'-2"	—
v4(E)	10	#5	11'-11"	—
v5(E)	10	#5	9'-1"	—
v6(E)	10	#9	15'-9"	—
v7(E)	10	#9	18'-6"	—
v8(E)	10	#9	16'-10"	—
Structure Excavation			Cu. Yd.	90
Concrete Structures			Cu. Yd.	95.4
Reinforcement Bars, Epoxy Coated			Pound	14,620
Furnishing Steel Piles, HP10x42			Foot	680
Driving Piles			Foot	680
Test Pile Steel HP 10x42			Each	1
Pile Shoes			Each	9
Concrete Sealer			Sq. Ft.	870

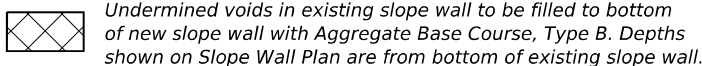
THREE PIERS (NB)
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	32	#5	4'-2"	—
h11(E)	40	#5	3'-8"	—
h12(E)	68	#5	8'-8"	—
h13(E)	12	#5	12'-7"	┐
h14(E)	36	#9	19'-6"	┐
h15(E)	18	#5	23'-0"	—
n(E)	30	#5	3'-11"	┐
n1(E)	18	#10	6'-0"	┐
n2(E)	60	#6	3'-8"	┐
n3(E)	262	#6	2'-8"	┐
n4(E)	30	#9	6'-7"	┐
n5(E)	162	#5	2'-7"	┐
s4(E)	21	#5	17'-5"	□
s5(E)	21	#5	19'-9"	□
s6(E)	46	#4	12'-5"	□
t1(E)	18	#8	9'-8"	—
u2(E)	72	#4	5'-2"	┐
u3(E)	30	#4	8'-8"	┐
u4(E)	42	#4	9'-8"	┐
u5(E)	16	#5	5'-2"	┐
u6(E)	20	#5	5'-8"	┐
v3(E)	10	#5	10'-2"	—
v4(E)	10	#5	11'-11"	—
v5(E)	10	#5	9'-1"	—
v6(E)	10	#9	15'-9"	—
v7(E)	10	#9	18'-6"	—
v8(E)	10	#9	16'-10"	—
Structure Excavation			Cu. Yd.	90
Concrete Structures			Cu. Yd.	95.4
Reinforcement Bars, Epoxy Coated			Pound	14,620
Furnishing Steel Piles, HP10x42			Foot	680
Driving Piles			Foot	680
Test Pile Steel HP 10x42			Each	1
Pile Shoes			Each	9
Concrete Sealer			Sq. Ft.	870

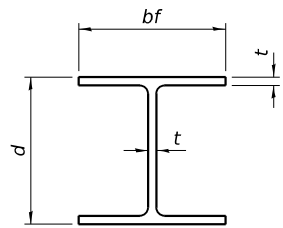


Note: Slope wall shall be reinforced with welded wire fabric, 6 in. x 6 in. - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.

LEGEND

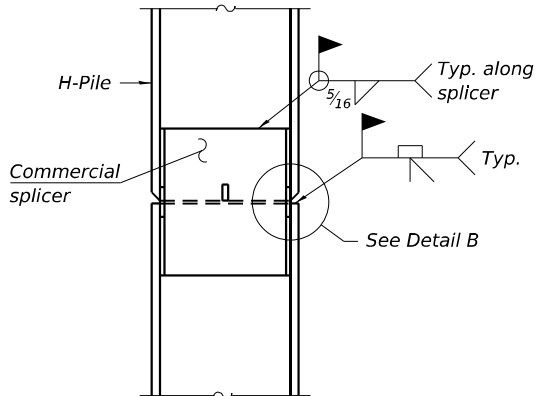


Item	Unit	Total
Slope Wall Removal	Sq. Yd.	1660
Slope Wall, 4 Inch	Sq. Yd.	1760
Aggregate Base Course, Type B	Cu. Yd.	850

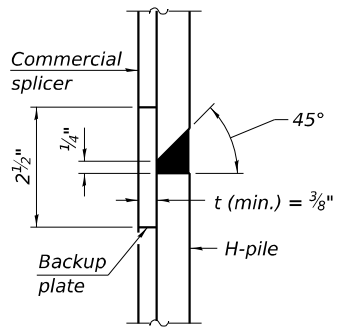


STEEL PILE TABLE

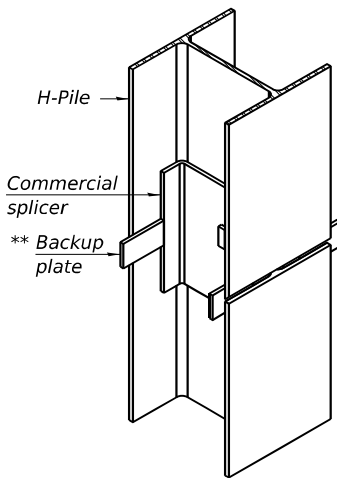
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18	18	1	36"
x157	17 ³ / ₄ "	17 ⁷ / ₈ "	⁷ / ₈ "	36"
x135	17 ¹ / ₂ "	17 ³ / ₄ "	³ / ₄ "	36"
HP 16x183	16 ¹ / ₂ "	16 ¹ / ₂ "	1 ¹ / ₈ "	36"
x162	16 ¹ / ₄ "	16 ³ / ₈ "	1"	36"
x141	16	16	⁷ / ₈ "	36"
x121	15 ³ / ₄ "	15 ⁷ / ₈ "	³ / ₄ "	36"
HP 14x117	14 ¹ / ₄ "	14 ⁷ / ₈ "	1 ³ / ₁₆ "	30"
x102	14"	14 ³ / ₄ "	1 ¹ / ₁₆ "	30"
x89	13 ⁷ / ₈ "	14 ³ / ₄ "	⁵ / ₈ "	30"
x73	13 ⁵ / ₈ "	14 ⁵ / ₈ "	¹ / ₂ "	30"
HP 12x84	12 ¹ / ₄ "	12 ¹ / ₄ "	1 ¹ / ₁₆ "	24"
x74	12 ¹ / ₈ "	12 ¹ / ₄ "	⁵ / ₈ "	24"
x63	12"	12 ¹ / ₈ "	¹ / ₂ "	24"
x53	11 ³ / ₄ "	12"	⁷ / ₁₆ "	24"
HP 10x57	10"	10 ¹ / ₄ "	⁹ / ₁₆ "	24"
x42	9 ³ / ₄ "	10 ¹ / ₈ "	⁷ / ₁₆ "	24"
HP 8x36	8"	8 ¹ / ₈ "	⁷ / ₁₆ "	18"



ELEVATION

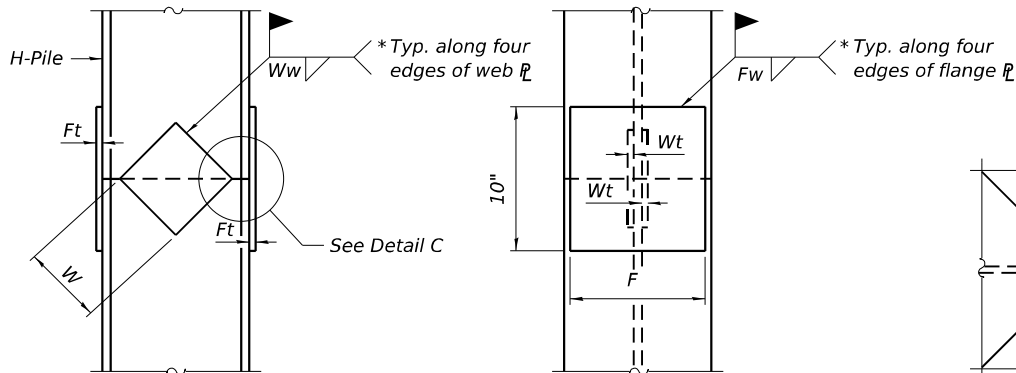


DETAIL B



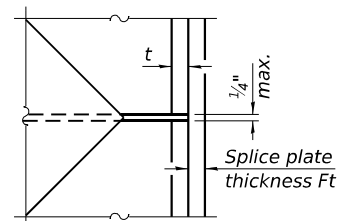
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



ELEVATION

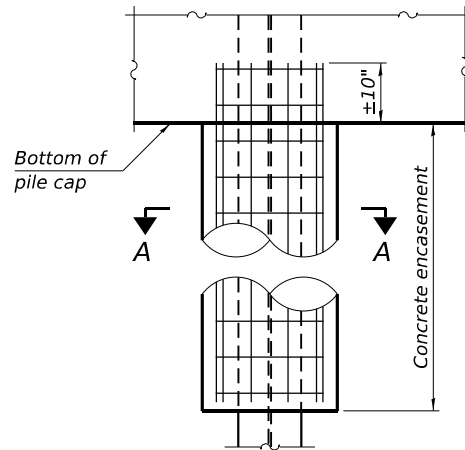
END VIEW



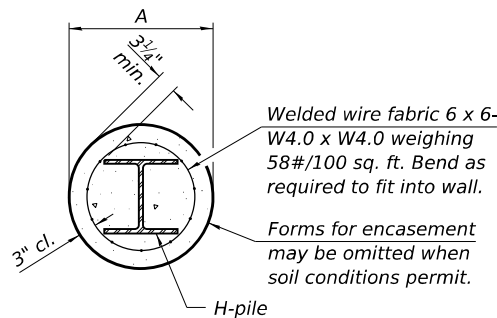
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15 ¹ / ₂ "	1 ¹ / ₂ "	1"	9 ¹ / ₂ "	⁷ / ₈ "	³ / ₄ "
x157	15 ¹ / ₄ "	1 ¹ / ₄ "	1"	9 ¹ / ₂ "	⁷ / ₈ "	³ / ₄ "
x135	15 ¹ / ₄ "	1 ¹ / ₄ "	1"	9 ¹ / ₂ "	⁷ / ₈ "	³ / ₄ "
HP 16x183	13 ³ / ₄ "	1 ¹ / ₂ "	1"	8 ¹ / ₄ "	⁷ / ₈ "	³ / ₄ "
x162	13 ¹ / ₂ "	1 ¹ / ₂ "	1"	8 ¹ / ₄ "	³ / ₄ "	⁵ / ₈ "
x141	13 ¹ / ₂ "	1 ¹ / ₄ "	⁷ / ₈ "	8 ¹ / ₄ "	³ / ₄ "	⁵ / ₈ "
x121	13 ¹ / ₂ "	1 ¹ / ₄ "	⁷ / ₈ "	8 ¹ / ₄ "	³ / ₄ "	⁵ / ₈ "
HP 14x117	12 ¹ / ₂ "	1 ¹ / ₄ "	⁷ / ₈ "	7 ³ / ₄ "	⁵ / ₈ "	¹ / ₂ "
x102	12 ¹ / ₂ "	1"	³ / ₄ "	7 ³ / ₄ "	⁵ / ₈ "	¹ / ₂ "
x89	12 ¹ / ₂ "	⁷ / ₈ "	1 ¹ / ₁₆ "	7 ³ / ₄ "	⁵ / ₈ "	¹ / ₂ "
x73	12 ¹ / ₂ "	³ / ₄ "	⁹ / ₁₆ "	7 ³ / ₄ "	⁵ / ₈ "	¹ / ₂ "
HP 12x84	10"	1"	1 ¹ / ₁₆ "	6 ¹ / ₂ "	⁵ / ₈ "	¹ / ₂ "
x74	10"	⁷ / ₈ "	1 ¹ / ₁₆ "	6 ¹ / ₂ "	⁵ / ₈ "	¹ / ₂ "
x63	10"	³ / ₄ "	¹ / ₂ "	6 ¹ / ₂ "	¹ / ₂ "	³ / ₈ "
x53	10"	³ / ₄ "	¹ / ₂ "	6 ¹ / ₂ "	¹ / ₂ "	³ / ₈ "
HP 10x57	8"	⁷ / ₈ "	⁹ / ₁₆ "	5 ¹ / ₄ "	¹ / ₂ "	³ / ₈ "
x42	8"	³ / ₄ "	⁹ / ₁₆ "	5 ¹ / ₄ "	¹ / ₂ "	³ / ₈ "
HP 8x36	6 ³ / ₄ "	⁵ / ₈ "	⁷ / ₁₆ "	4"	¹ / ₂ "	³ / ₈ "

WELDED PLATE FIELD SPLICE

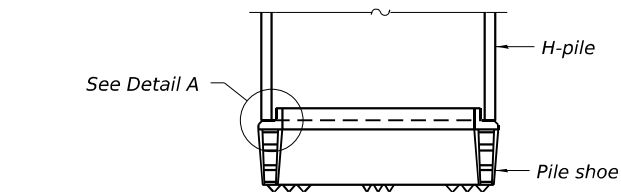


ELEVATION

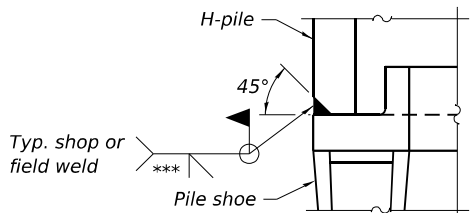


SECTION A-A

INDIVIDUAL PILE
CONCRETE ENCASUREMENT
(when specified)

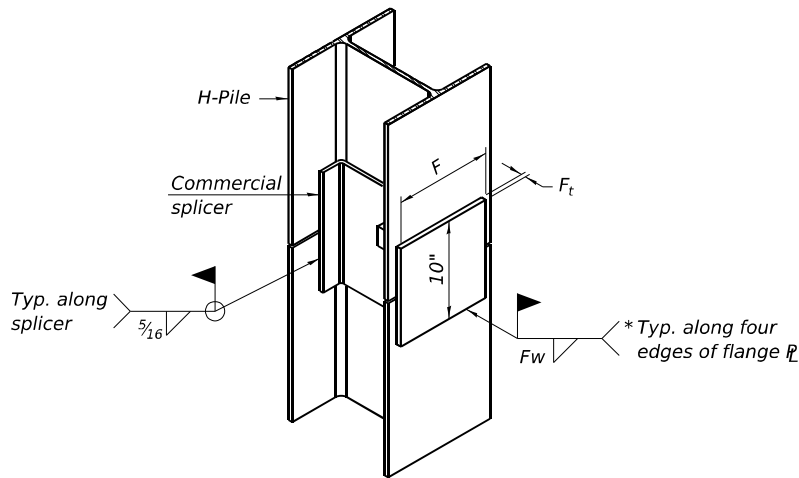


ELEVATION



DETAIL A

SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds ¹/₄" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (⁵/₁₆" min.).

Note:
The steel H-piles shall be according to
AASHTO M270 Grade 50.

F-HP

10-27-2023



KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
109 N. 7th Street, 3rd Floor
Springfield, IL 62701
Phone: 217-579-0044

USER NAME = myyoung
PLOT SCALE = \$SCALES
PLOT DATE = 6/30/2025

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

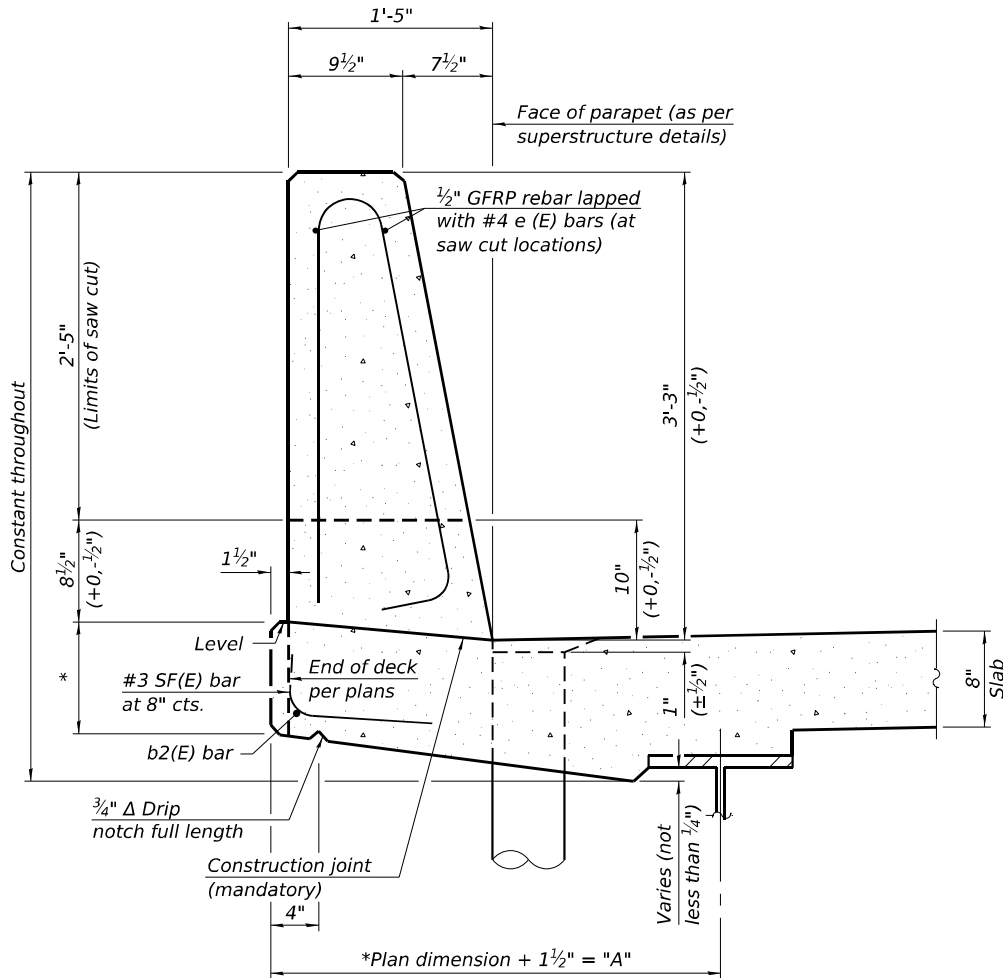
HP PILE DETAILS
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

SHEET 33 OF 37 SHEETS

F.A.I. RTE. 57 SECTION (15-22VB)BR COUNTY COLES TOTAL SHEETS 158 SHEET NO. 87 CONTRACT NO. 74650

ILLINOIS FED. AID PROJECT

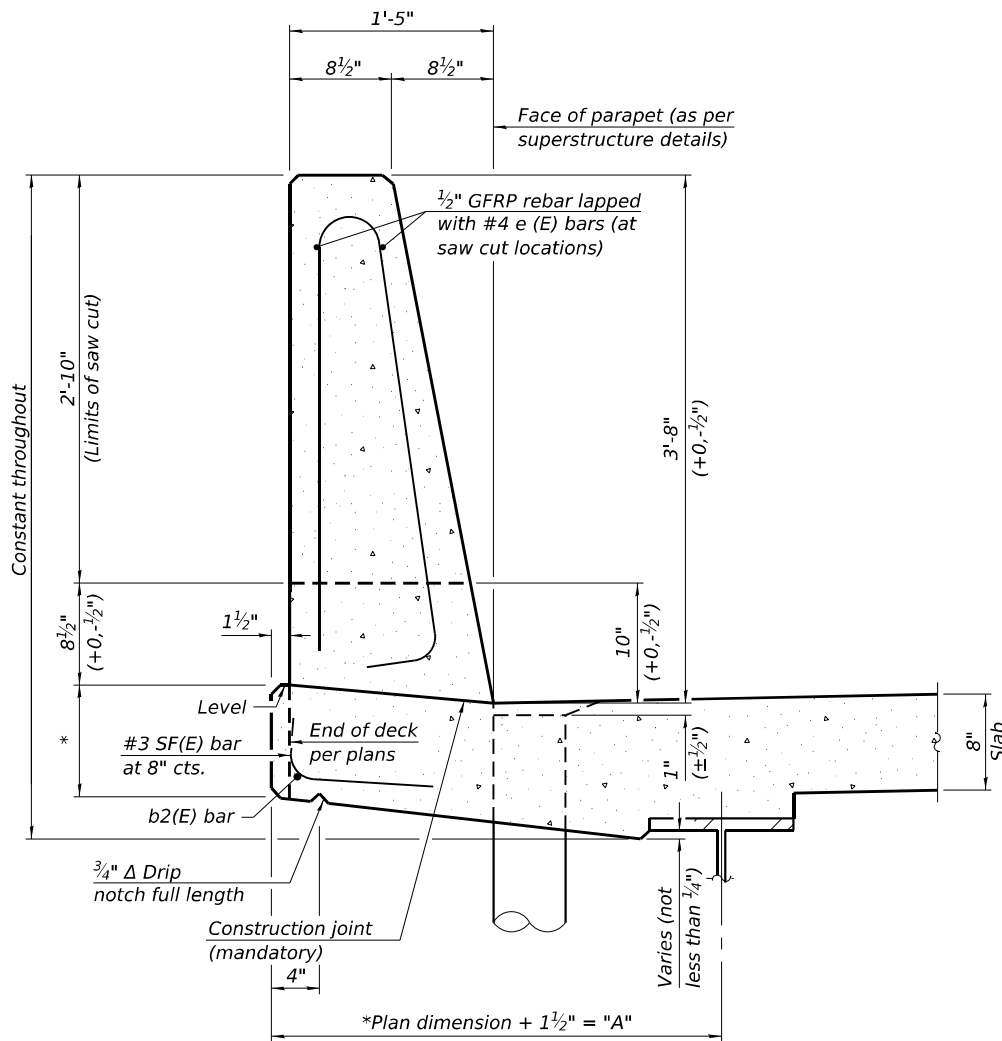
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6/30/2025 4:43:36 PM



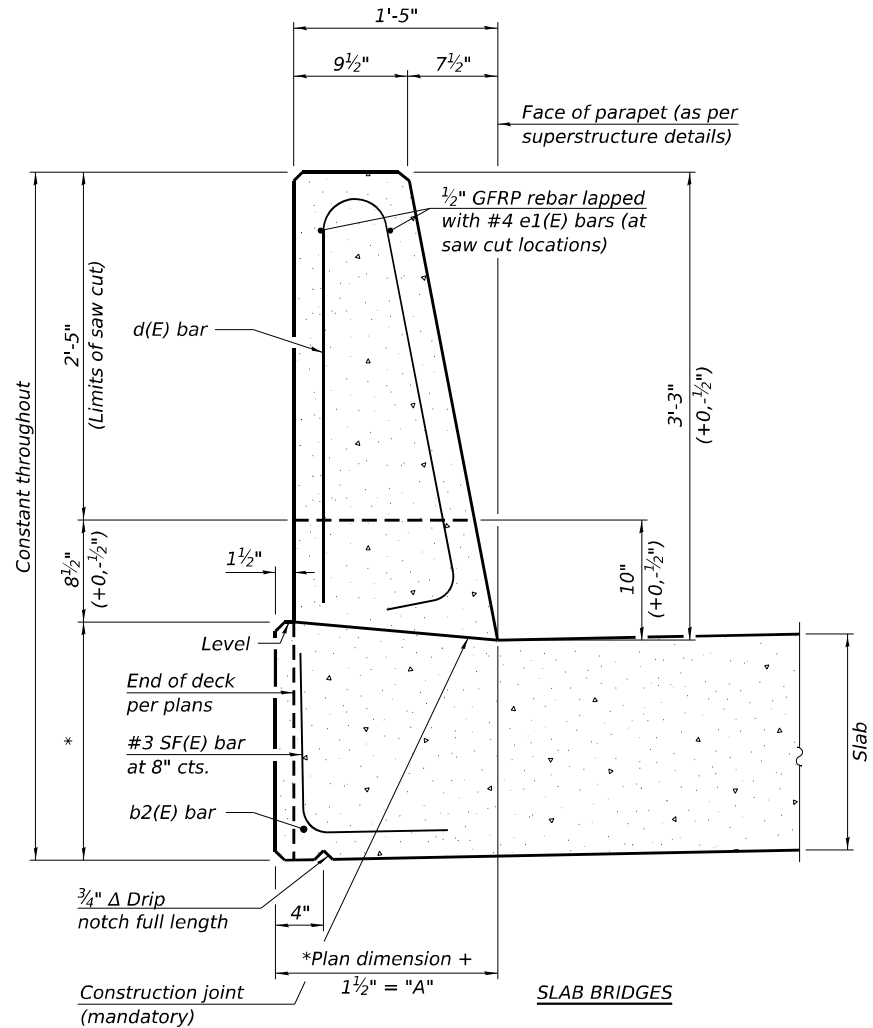
**39" CONSTANT-SLOPE
PARAPET SECTION**
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

STEEL SUPERSTRUCTURES

*See Superstructure Details.

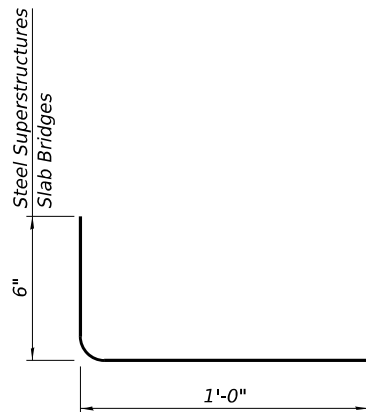


**44" CONSTANT-SLOPE
PARAPET SECTION**
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

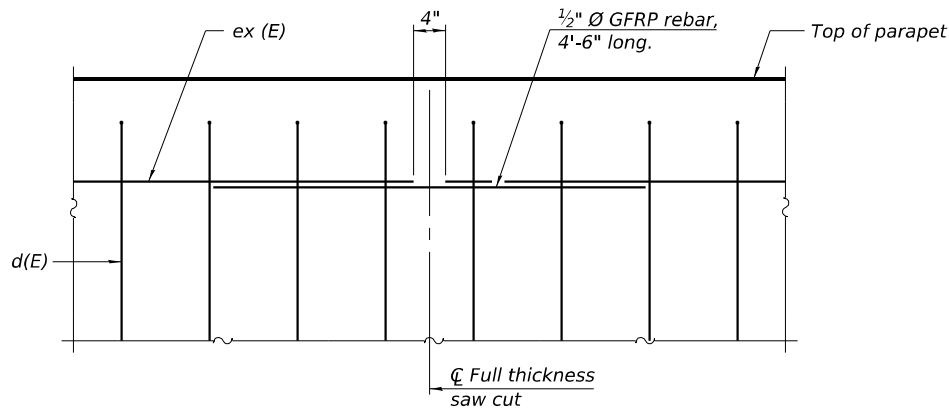


**39" CONSTANT-SLOPE
PARAPET SECTION**
(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

SLAB BRIDGES



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



KUHN & TRELLO
CONSULTING ENGINEERS
A Limited Liability Company
199 N. 7th Street, 2nd Floor
Springfield, IL 62701
Phone: 217-579-0044

USER NAME = myoung
PLOT SCALE = \$SCALES
PLOT DATE = 6/30/2025

DESIGNED - PDA
CHECKED - MJT
DRAWN - MMY
CHECKED - MJT/TZ

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET SLIPFORMING OPTION
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

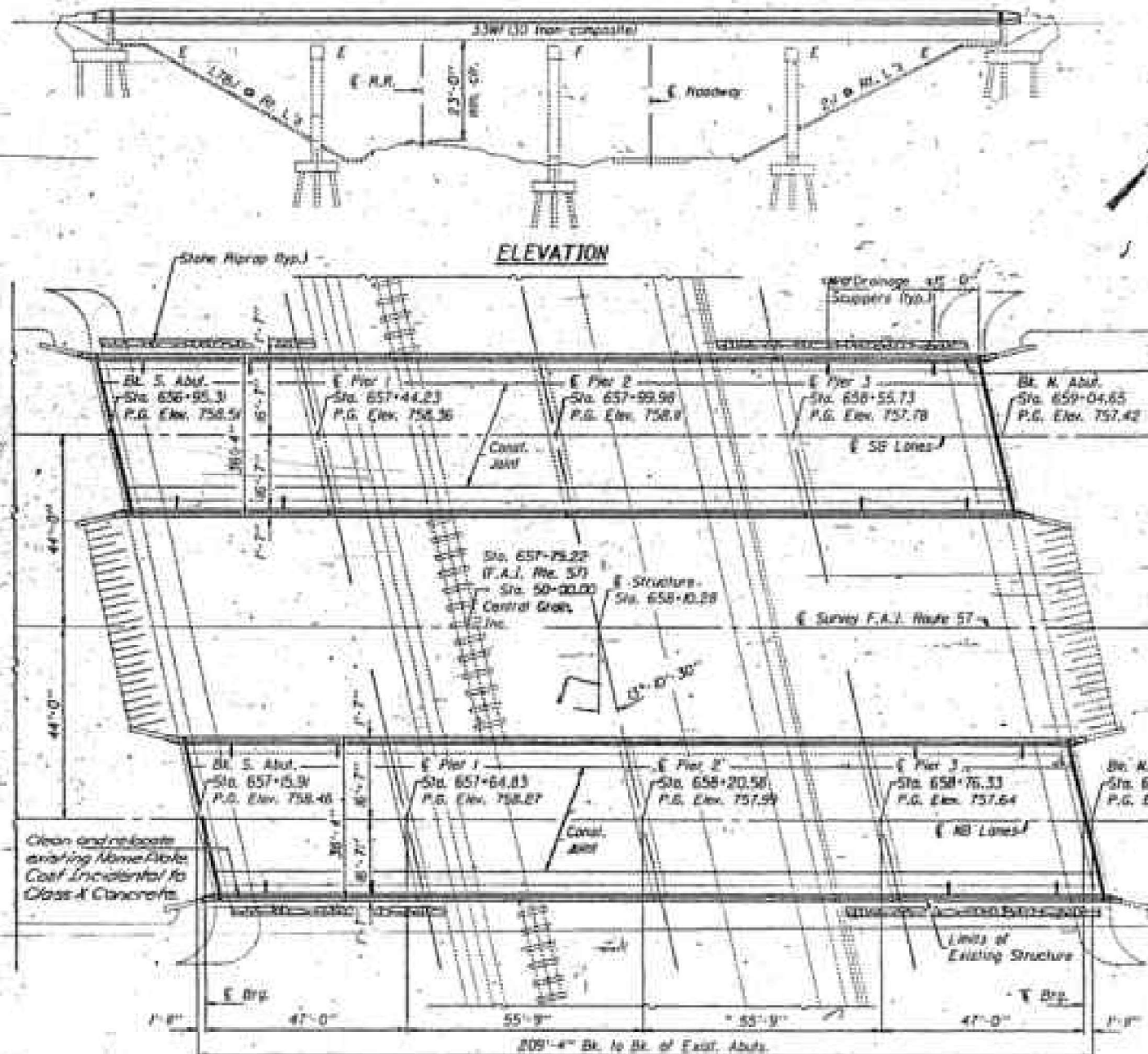
SHEET 34 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	88
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

Existing Work Note

Existing Structure: The existing structure was built in 1964 on F.A.I. Route 57, Section 15-22VB. Both structures consist of a four span continuous non-composite wide flange superstructure with an overall length of 209'-4" Bk. to Bk. of abutts and a 30'-0" horizontal clearance. In 1976, the structure was waterproofed and overlaid with Class 1. Traffic to be maintained utilizing stage construction. Aluminum handrail to be salvaged.



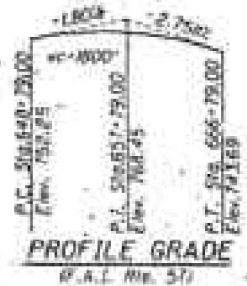
Note: P.G. Elevations are given on top of existing concrete deck without Class 1.

I certify that to the best of my knowledge, information, and belief, this bridge design is structurally adequate for the design loading shown on this plan. The design is an approximate one for the type of structure and complies with requirements of the current A.A.S.H.O. Standard Specifications for Highway Bridges.

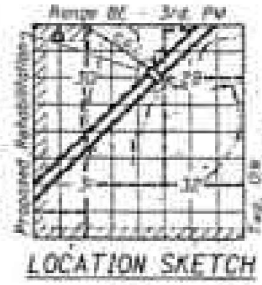
Robert L. McInnis, P.E., S.E., #3157



APPROVED
FOR PRACTICAL ACCURACY ONLY
James T. Rayburn



DESIGN SPECIFICATIONS **
SEE AASHTO #1 444 thru 480 Interims
LOADING HS20-44 & ALT.
(New Construction)
DESIGN STRESSES **
FIELD UNITS
f_c = 3,500 psi
f_t = 60,000 psi
**New Construction Only



GENERAL PLAN
F.A.I. ROUTE 57 OVER TRACKS OF
CENTRAL GRAIN, INC.
F.A.I. ROUTE 57 - SEC. 15-22VB-1
COLES COUNTY
STATION 658+10.28
STRUCTURE NO. 015-0003 & 0004

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Concrete Removal	Cu Yd	10.5	110	120.5
Shore Pile	Sq Yd	0.5	0.5	1.0
Shoring Material Removal	Lb	100	100	200
Shoring Support	Each	10	10	20
Class 1 Concrete Superstructure	Cu Yd	90.0	90.0	180.0
Preformed Joint Seal 4"	Lb	100	100	200
Protective Coat	Sq Yd	100	100	200
Class 1 Concrete	Cu Yd	10.5	10.5	21.0
Joint and Expansion Bearings	Each	10	10	20
Structural Steel	Lb	1000	1000	2000
Reinforced Bars (Epoxy Coated)	Lb	1000	1000	2000
Grout, Each of Existing Beams	Each	24	24	48
Cleaning and Painting Steel Bridge	Lb	1	1	2
Deck and Repair (Full Depth Repair)	Sq Yd	50	50	100
Deck and Repair (Partial)	Sq Yd	278	278	556
Waterproofing Membrane System	Sq Yd	1504	1504	3008
Aluminum Concrete Surface Removal	Sq Yd	1380	1380	2760
Aluminum Concrete Surface Grout, Mature 3, Class 1, Type 1	Ton	25	25	50

MODEL: Sheet
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Professional Design Firm No. 584-006516
8/18/2025 5:28:44 PM



USER NAME =	myoung	DESIGNED -	PDA	REVISED -	
PLOT SCALE =	0.16666633 / in.	CHECKED -	MJT	REVISED -	
PLOT DATE =	8/18/2025	DRAWN -	MMY	REVISED -	
		CHECKED -	MJT/TZ	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

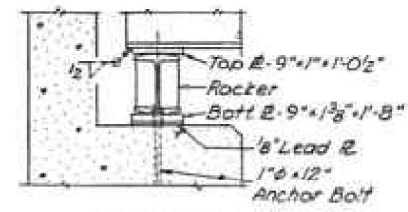
SHEET 37A OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	91A
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

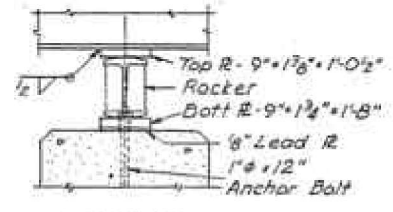
FOR INFORMATION ONLY

DATE	BY	REVISION	TOTAL SHEETS	SHEET NO.
FAI 57	12-22-20	Coles	30	12
FED. AID INTERSTATE OVER I.C.R.R. & TWP. RD.				

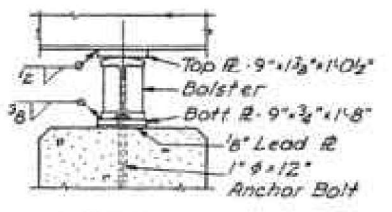
SHEET 6 OF 12



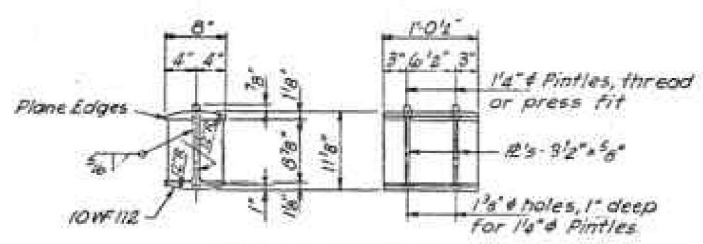
ELEVATION



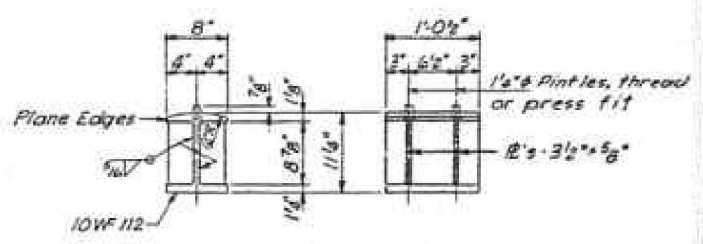
ELEVATION



ELEVATION

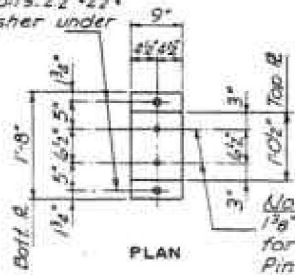


ROCKER DETAILS

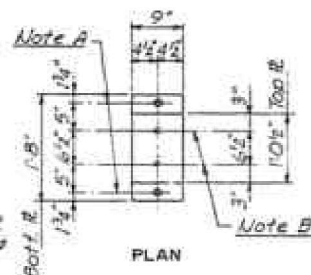


BOLSTER DETAILS

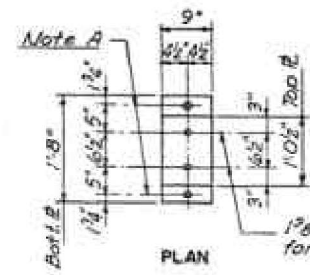
Note A
1/2" holes for 1/4" x 12" Anchor Bolts. 2 1/2" x 2 1/2" 5/16" R washer under nut.



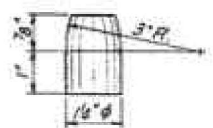
ABUTMENTS



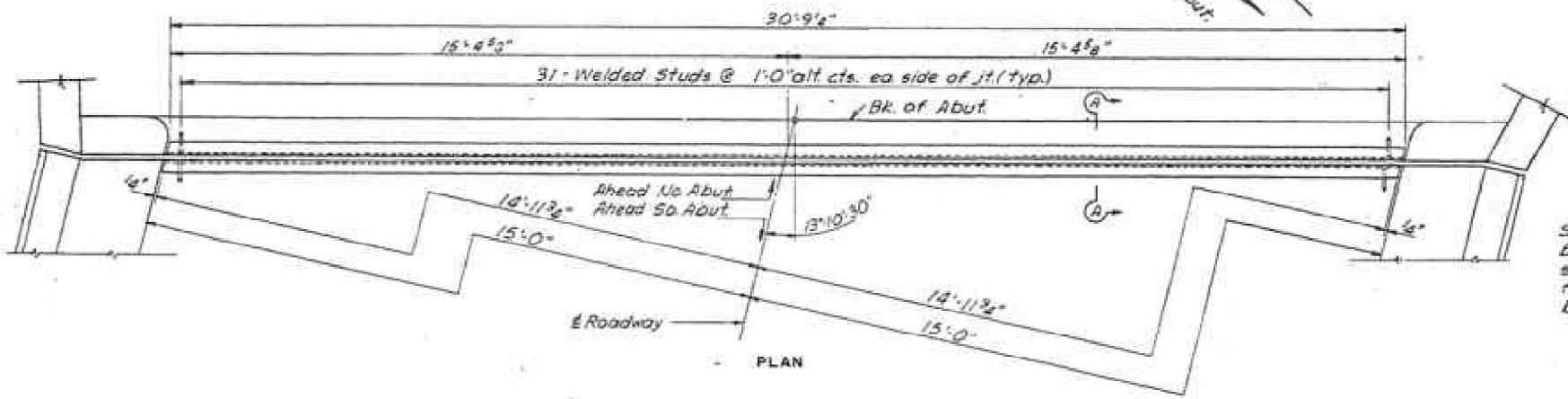
PIERS 1 & 3



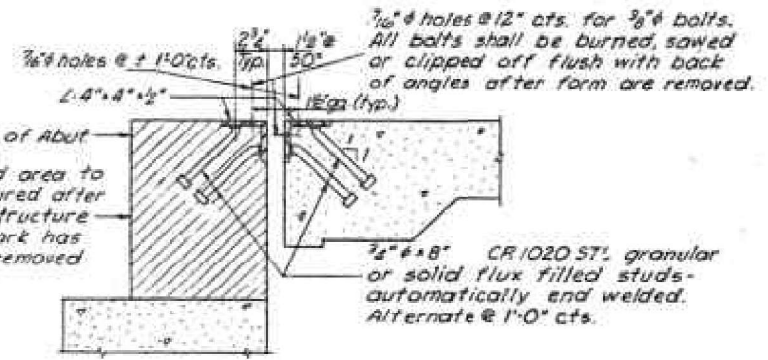
PIER 2



PINTLE



PLAN



SECTION A-A

W.Br. S. Abut	El. 758.31	El. 758.39	El. 758.45	El. 758.50	El. 758.51	El. 758.50	El. 758.46	El. 758.41	El. 758.33	W.Br. S. Abut
W.Br. N. Abut	El. 757.27	El. 757.38	El. 757.39	El. 757.42	El. 757.43	El. 757.41	El. 757.36	El. 757.30	El. 757.21	W.Br. N. Abut
E.Br. S. Abut	El. 758.25	El. 758.39	El. 758.44	El. 758.44	El. 758.45	El. 758.44	El. 758.41	El. 758.35	El. 758.27	E.Br. S. Abut
E.Br. N. Abut	El. 757.10	El. 757.17	El. 757.22	El. 757.26	El. 757.26	El. 757.24	El. 757.19	El. 757.13	El. 757.04	E.Br. N. Abut

ELEVATION

EXPANSION GUARD DETAILS

Note: Elevations shown above are taken @ top of angle @ end of slab. View from bridge toward abutment.

Notes:
The roadway Expansion Guards shall be fabricated to fit the roadway. Estimated weight of all expansion guards complete - 3410 lbs. Included in quantity of Structural Steel on sheet 3 of 12.
All surfaces of the Expansion Guard in contact with concrete shall not be painted.

EXPANSION GUARD & BEARING DETAILS
FED. AID INTERSTATE OVER I.C.R.R. & TWP. RD.

FAI. ROUTE 57 SEC. 15-22VB
COLES COUNTY
STATION 658+10.28

DESIGNED	JCC	EXAMINED	13
CHECKED	V.F.S.	DESIGNED OF BRIDGE AND TRAFFIC SIGNALLING	
DRAWN	T.E.B. JCC	PAIRED	
CHECKED	V.F.S.	APPROVED	

Rev. 4-2-83 VDS Changed 1/4" x 12" holes @ 2'-0" cts to 3/8" x 1'-0" cts.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS - FOR INFORMATION ONLY
S.N. 015-0003 (SB) & S.N. 015-0004 (NB)

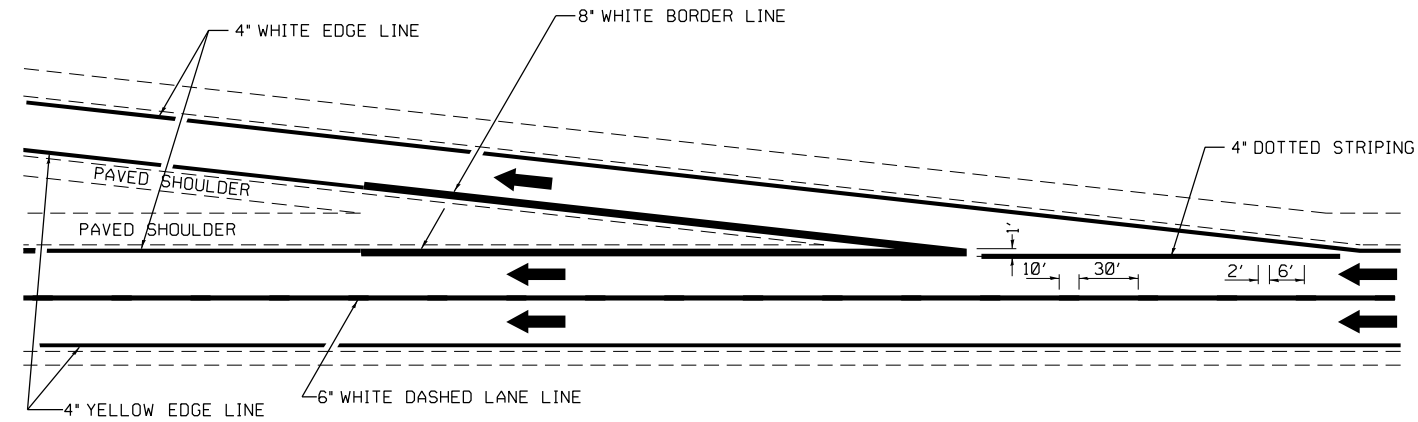
FAI. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	91B
CONTRACT NO. 74650				

SHEET 37B OF 37 SHEETS

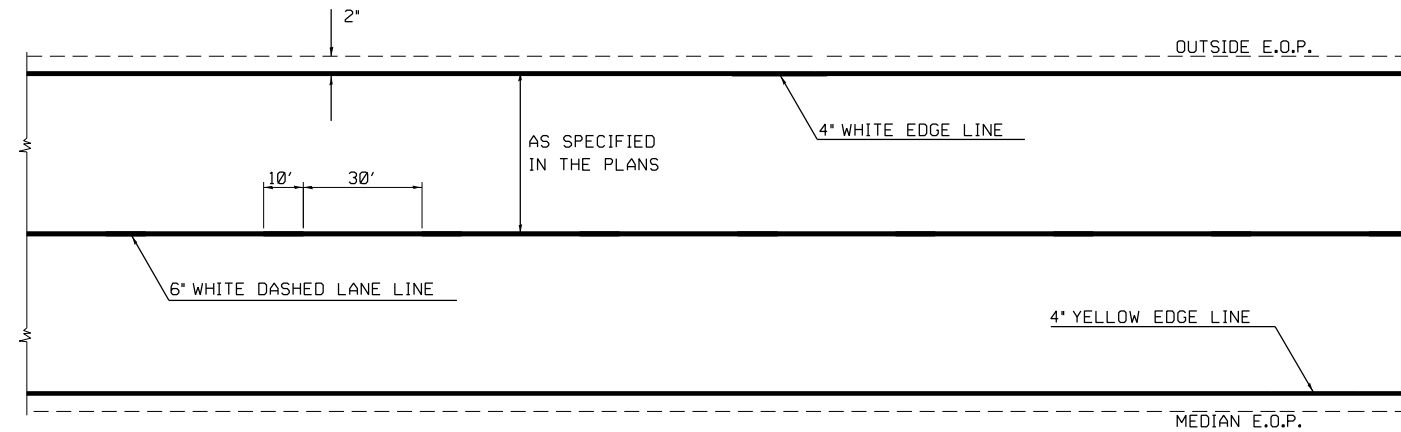
ILLINOIS FED. AID PROJECT

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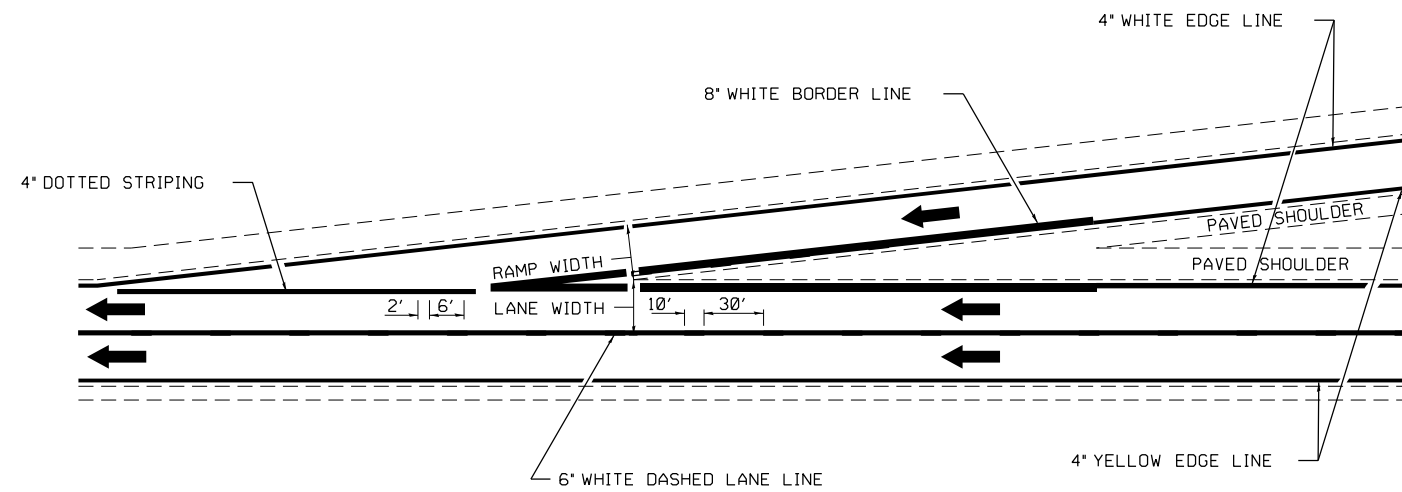
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TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

DISTRICT 7 DETAIL NO. 78000002

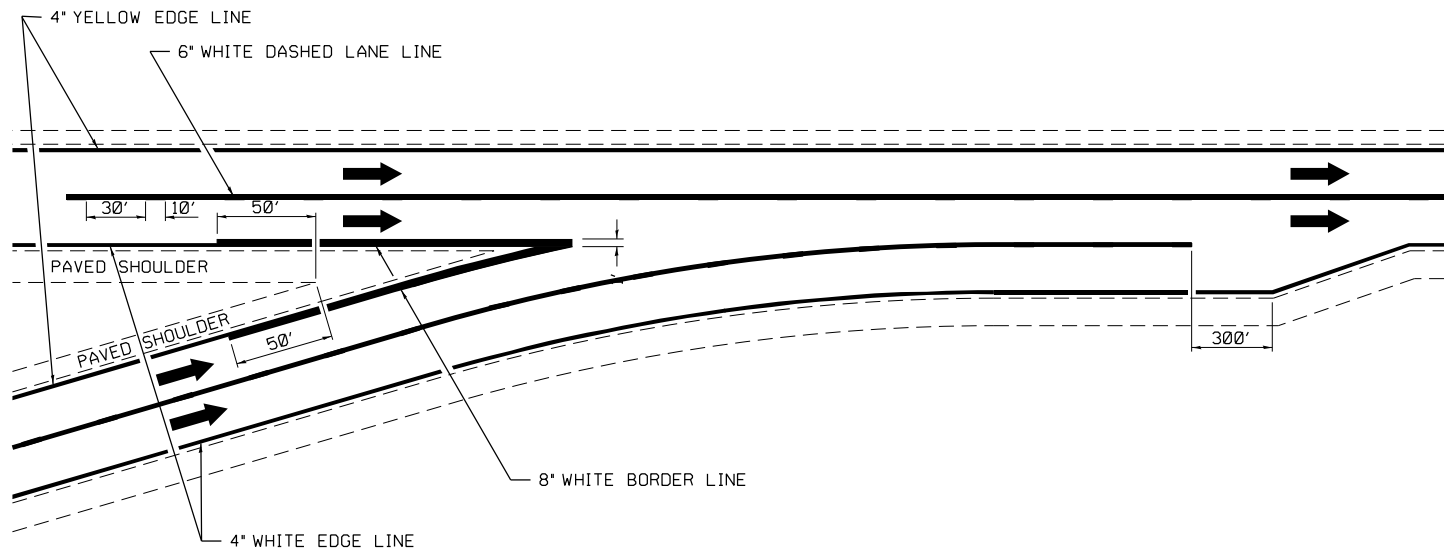
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	92
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

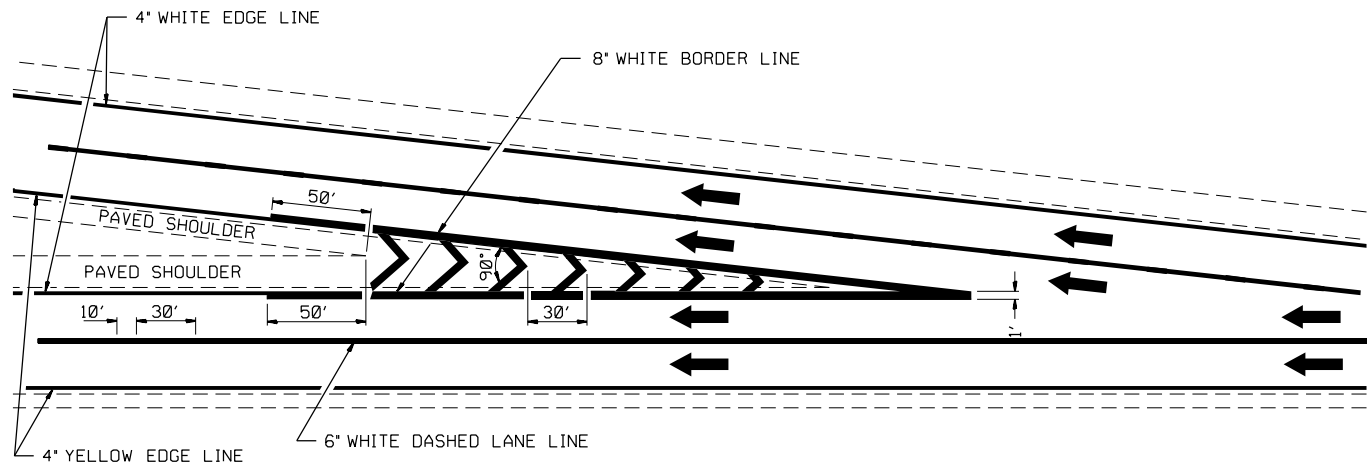
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

MODEL: D7-7000002-2 (Sheet)
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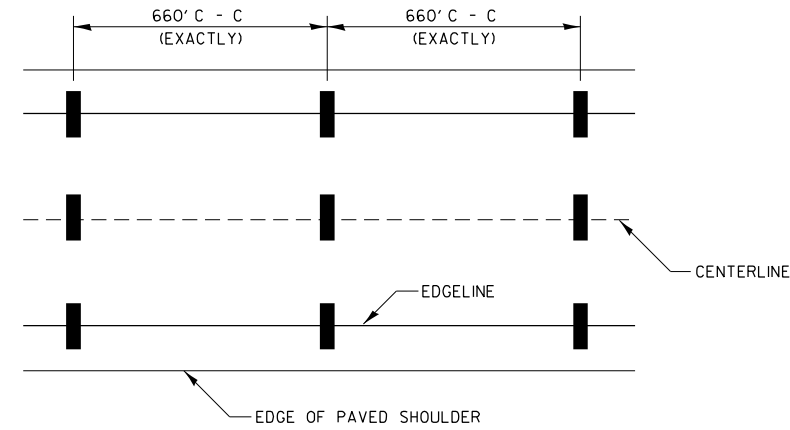


TYPICAL CONVERGENCE MARKING

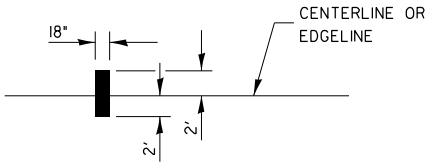


TYPICAL DIVERGENCE MARKING

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	93
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/14/2025	DATE	-	REVISED	-

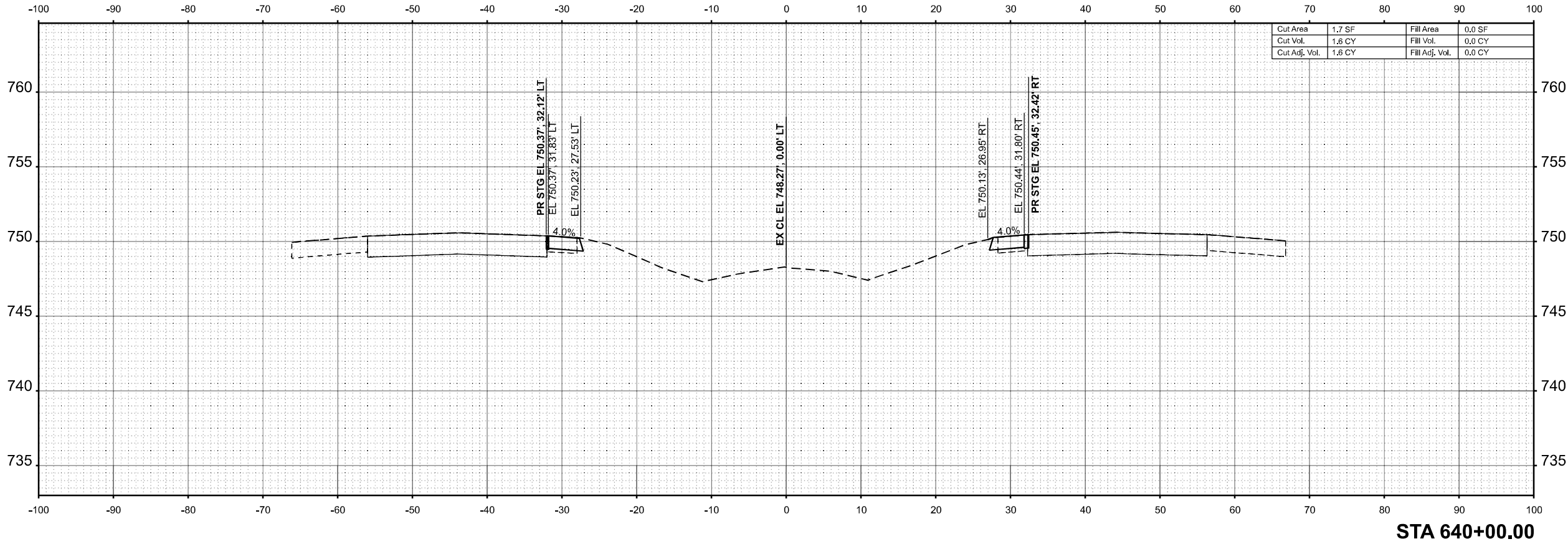
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

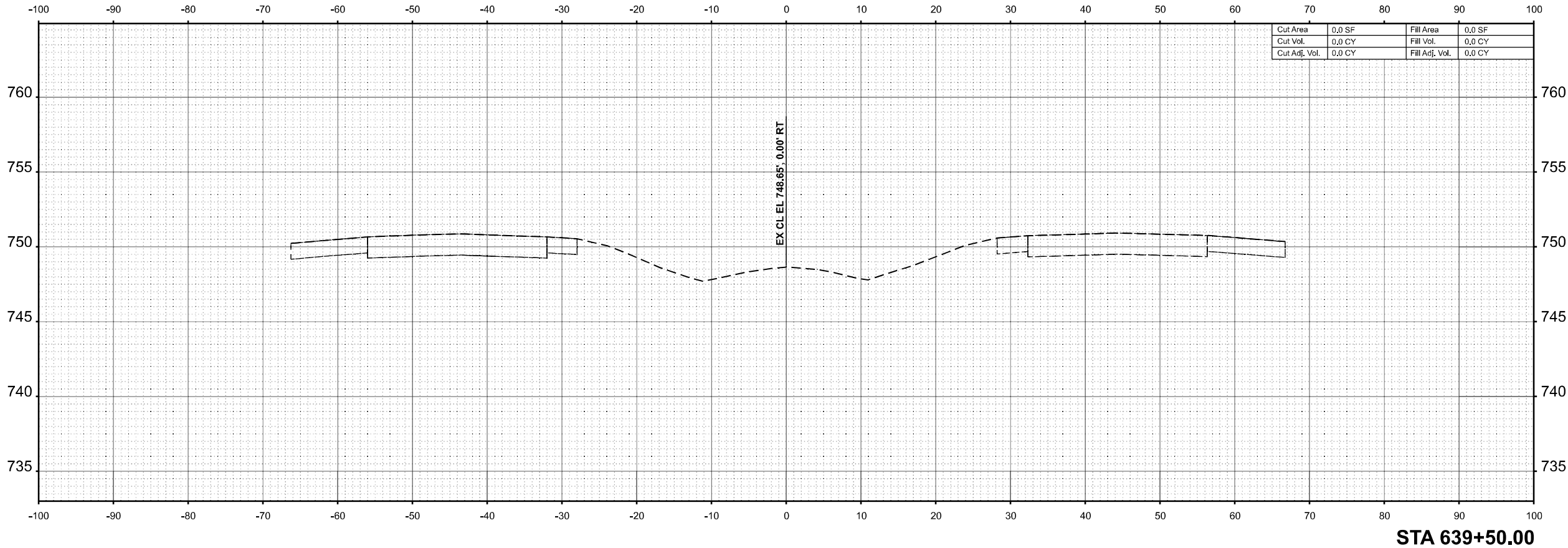
FINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	NOTE BOOK	AREAS CHECKED	BY	DATE

MODEL: E:\CL - 639+50.00 (Sheet)
FILE NAME: P:\6XXXX\639+50.00.dgn



Cut Area	1.7 SF	Fill Area	0.0 SF
Cut Vol.	1.6 CY	Fill Vol.	0.0 CY
Cut Adj. Vol.	1.6 CY	Fill Adj. Vol.	0.0 CY



Cut Area	0.0 SF	Fill Area	0.0 SF
Cut Vol.	0.0 CY	Fill Vol.	0.0 CY
Cut Adj. Vol.	0.0 CY	Fill Adj. Vol.	0.0 CY



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 1 OF 65 SHEETS STA. 639+50.00 TO STA. 640+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	94
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: ExCL - 640+50.00 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn



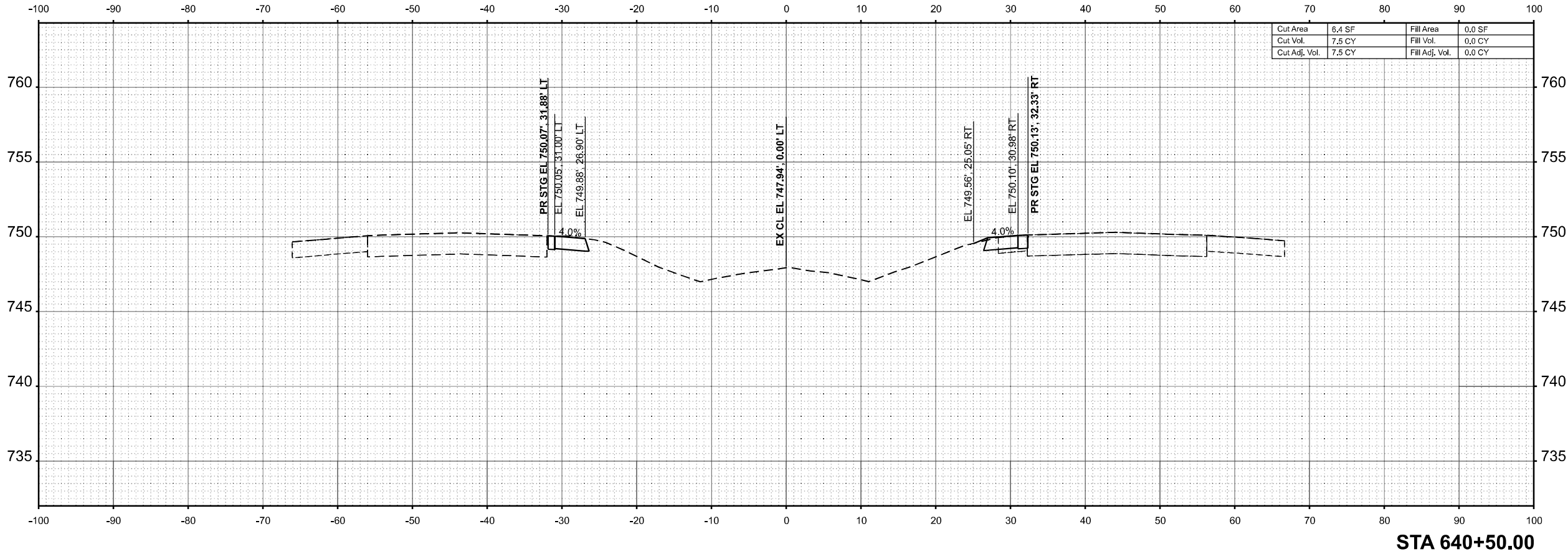
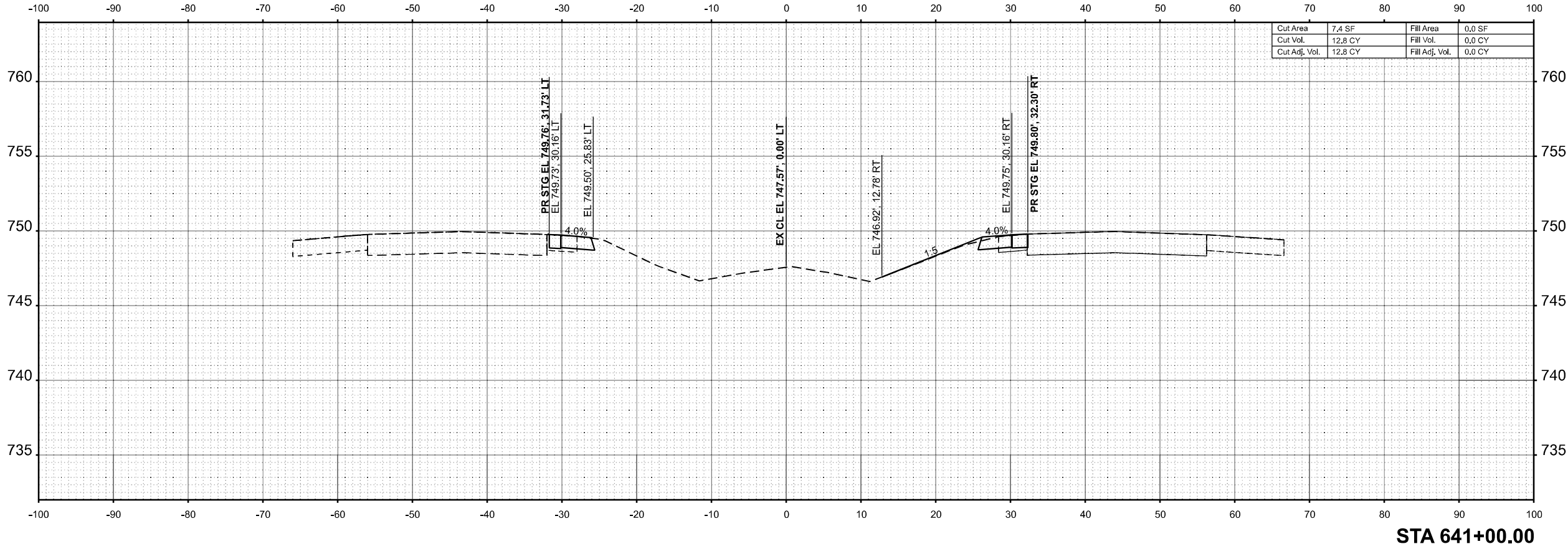
USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/14/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

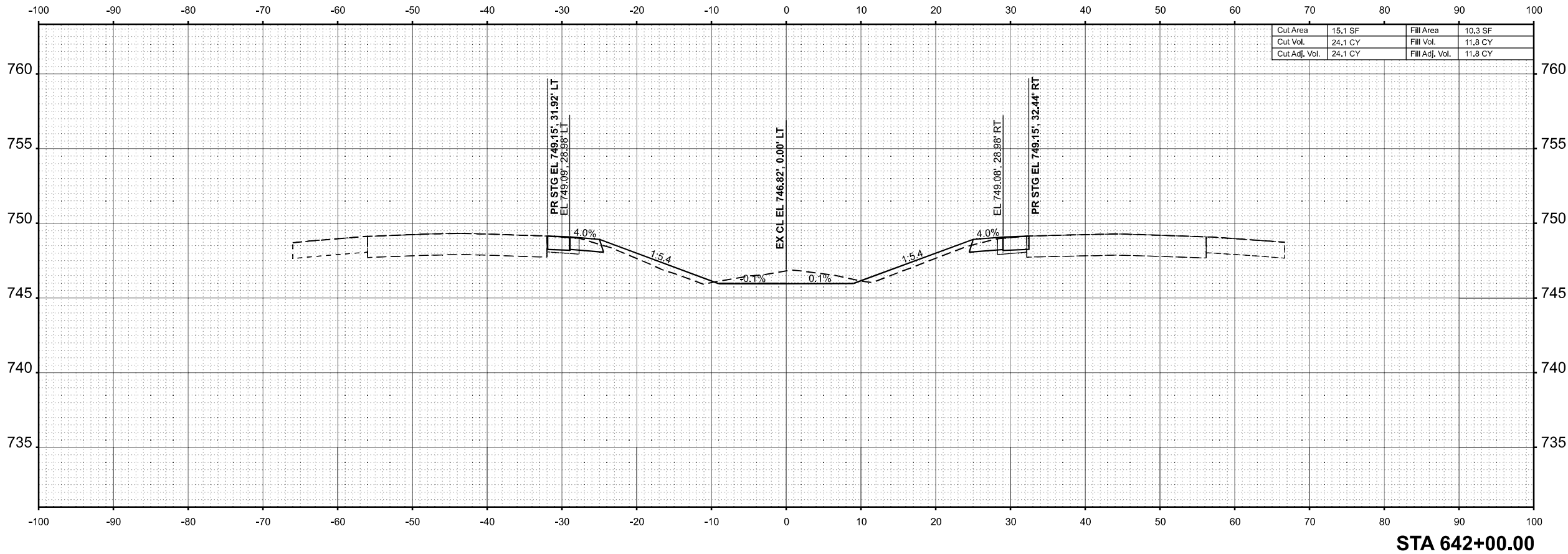
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 2 OF 65 SHEETS STA. 640+50.00 TO STA. 641+00.00

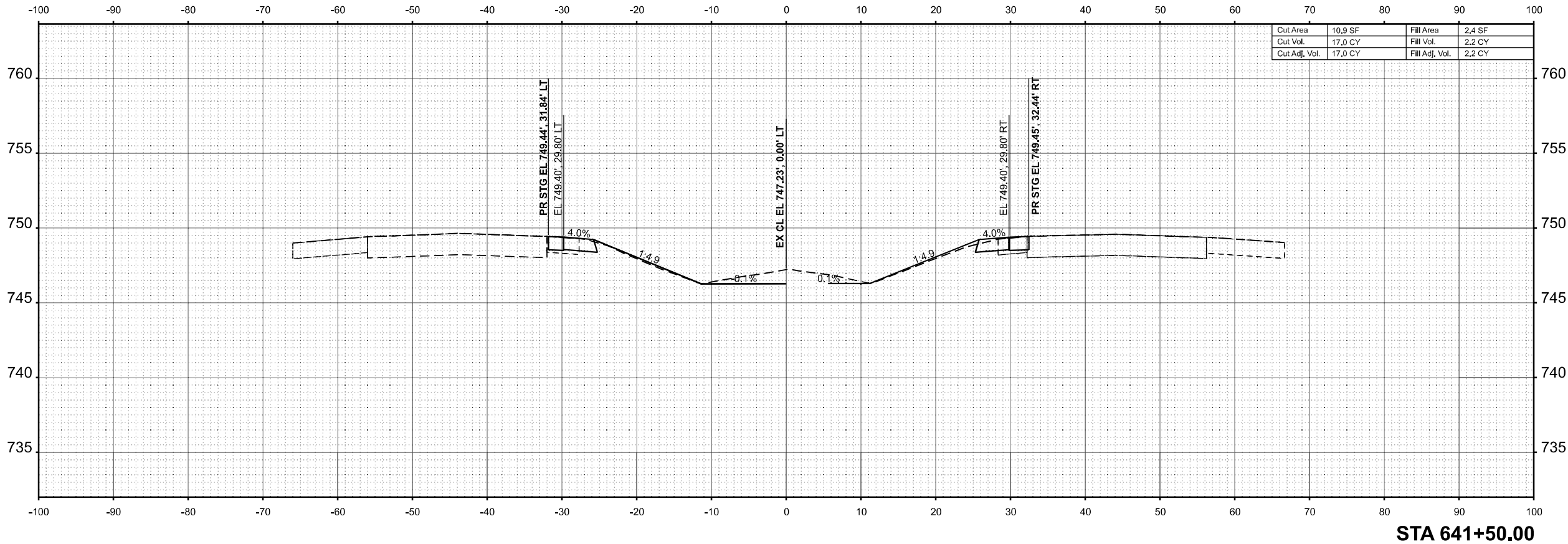
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	95
CONTRACT NO. 74650				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



MODEL: E:\CL-641+50.00 (Sheet)
FILE NAME: P:\6XXXX\641+50.00 (Sheet) - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\774650-sec-sh1-1.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

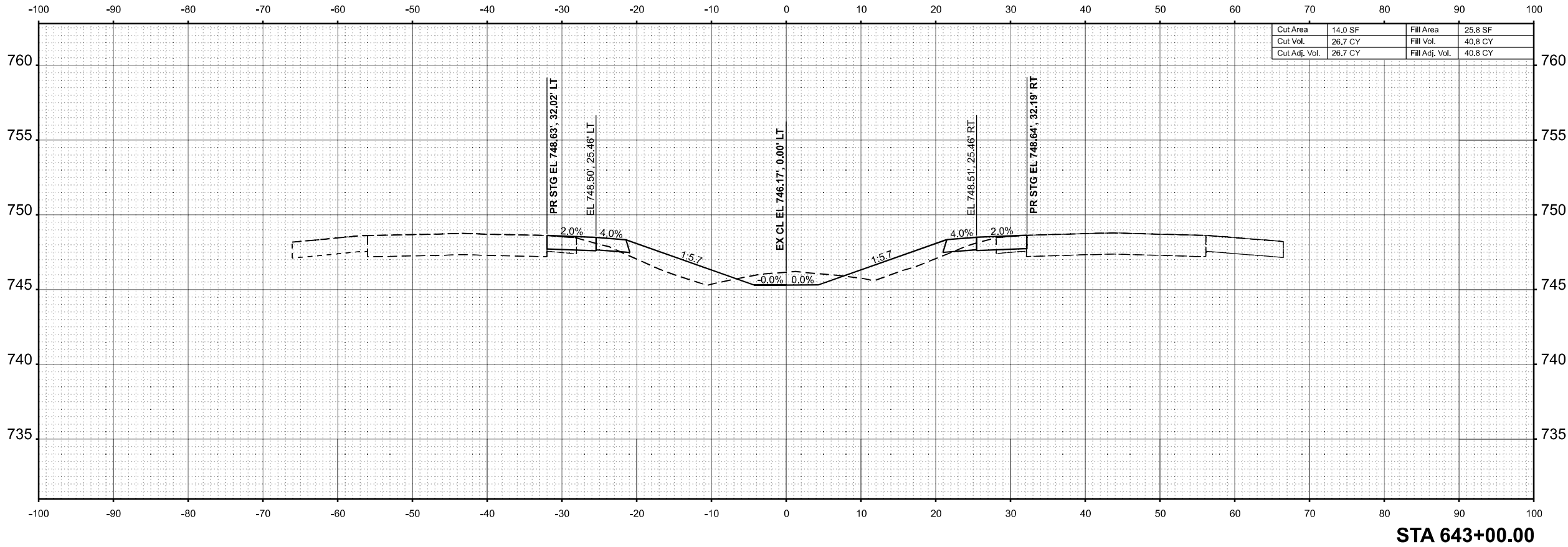
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

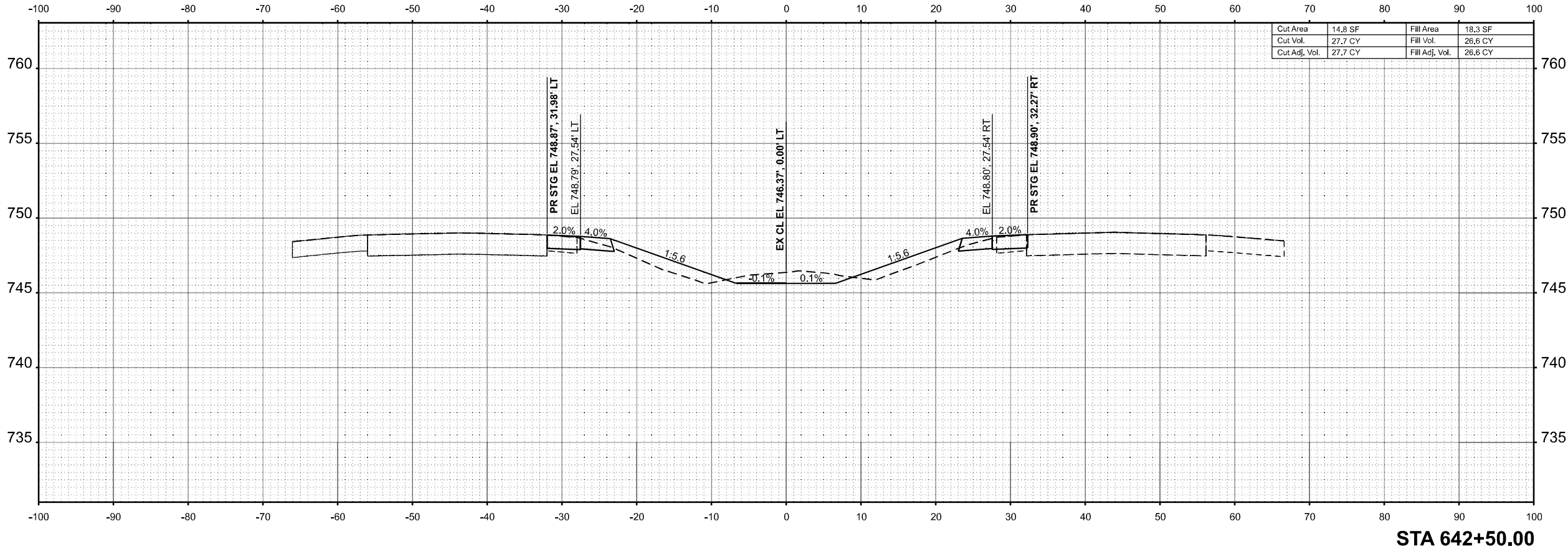
SCALE: 1/8"=1'-0" SHEET 3 OF 65 SHEETS STA. 641+50.00 TO STA. 642+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	96
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

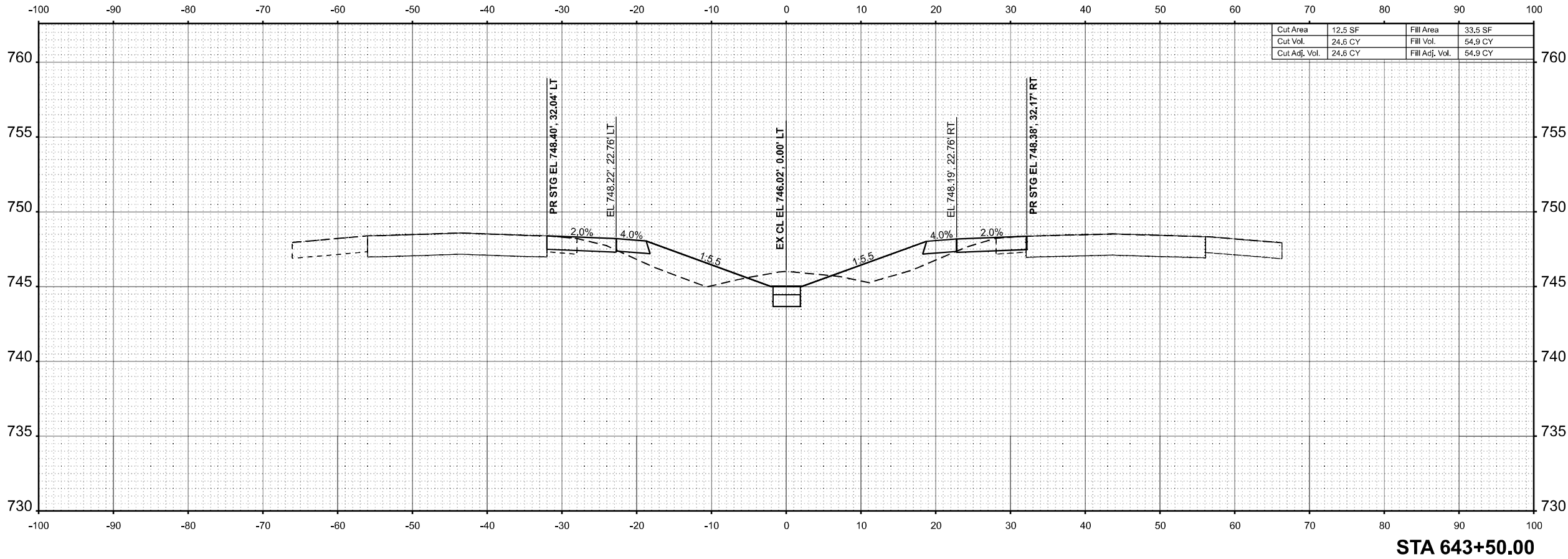


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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: ExCL - 643+50.00 (Sheet)
FILE NAME: P:\6XXXX\643+50.00\643+50.00.dgn



Cut Area	12.5 SF	Fill Area	33.5 SF
Cut Vol.	24.6 CY	Fill Vol.	54.9 CY
Cut Adj. Vol.	24.6 CY	Fill Adj. Vol.	54.9 CY



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

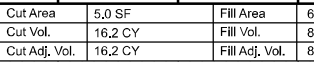
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 5 OF 65 SHEETS STA. 643+50.00 TO STA. 643+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	98
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

MODEL: EXCL - 644+00.00 [Sheet]



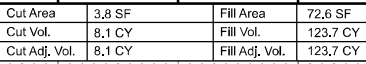
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1/8"=1'-0"	SHEET 6	OF 65	SHEETS	STA. 644+00.00	TO STA. 644+00.00
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ILLINOIS	FED. AID PROJECT
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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

MODEL: EXCL - 644+50.00 [Sheet]



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

I-57

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	100
		CONTRACT NO. 74650		
ILLINOIS		FED. AID PROJECT		

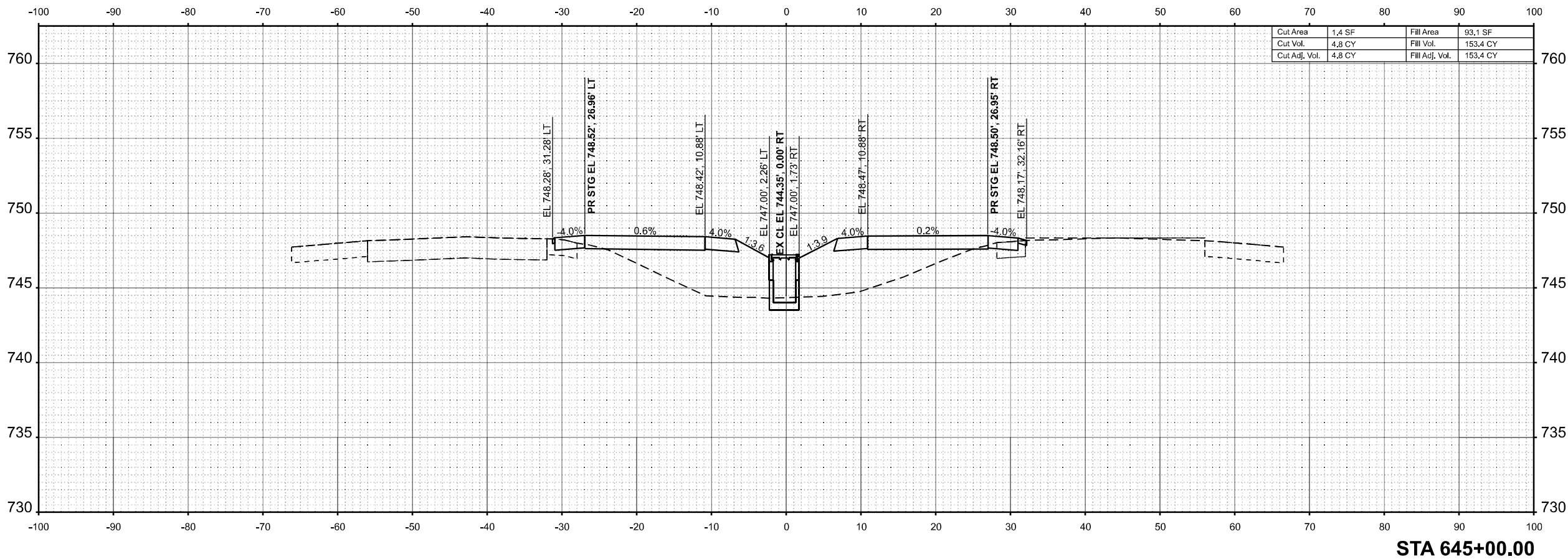
ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



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EFFINGHAM, IL
LICENSE #184.003222

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

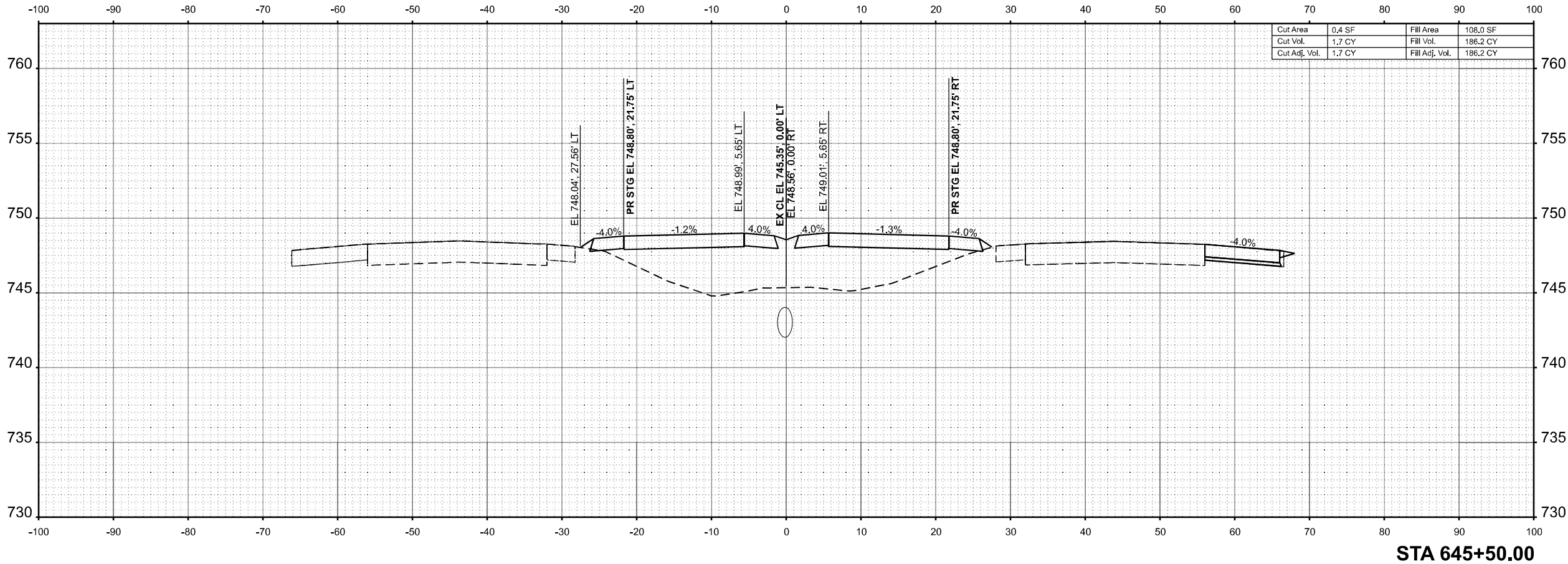
CROSS SECTIONS I-57				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				57	(15-22VB)BR	COLES	158	101
							CONTRACT NO. 74650	
OF	65	SHEETS	STA. 645+00.00	TO STA. 645+00.00				
				ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: EXCL - 645+50.00 (Sheet)
FILE NAME: P:\6XXXX\645XX\645XX\6424 - IDOT P1B 208-036 D7 VV_ClarK DierlWork Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

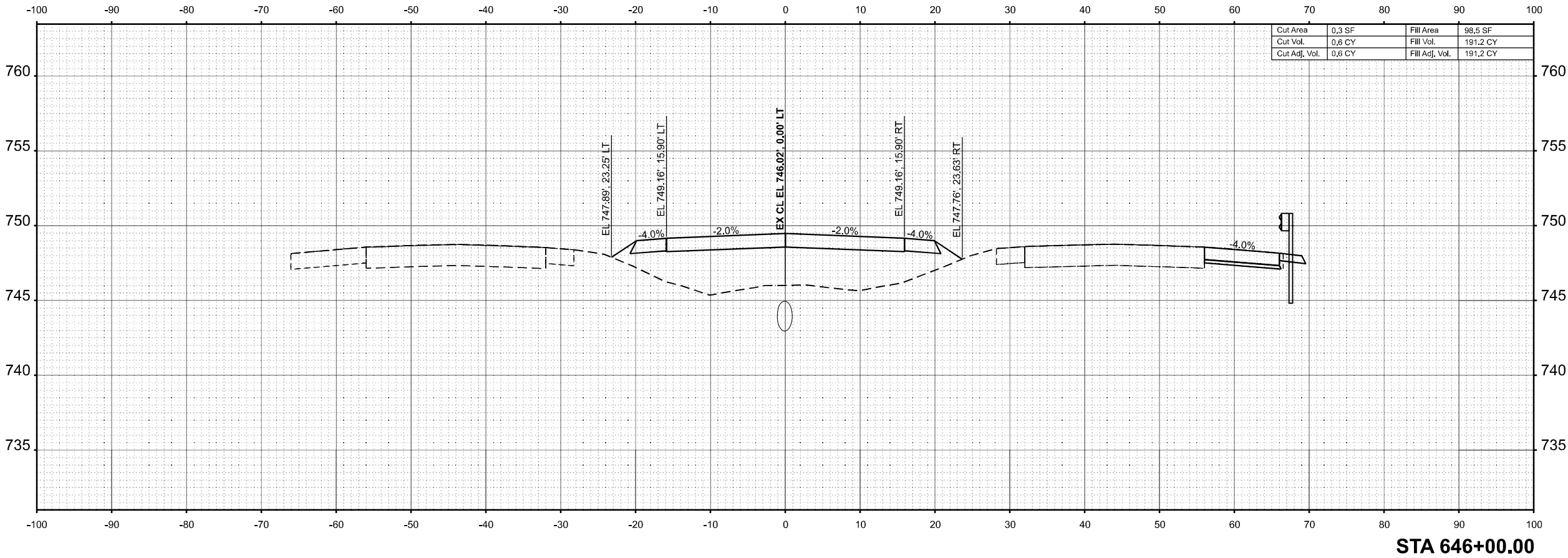
SCALE: 1/8"=1'-0" SHEET 9 OF 65 SHEETS STA. 645+50.00 TO STA. 645+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	102
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

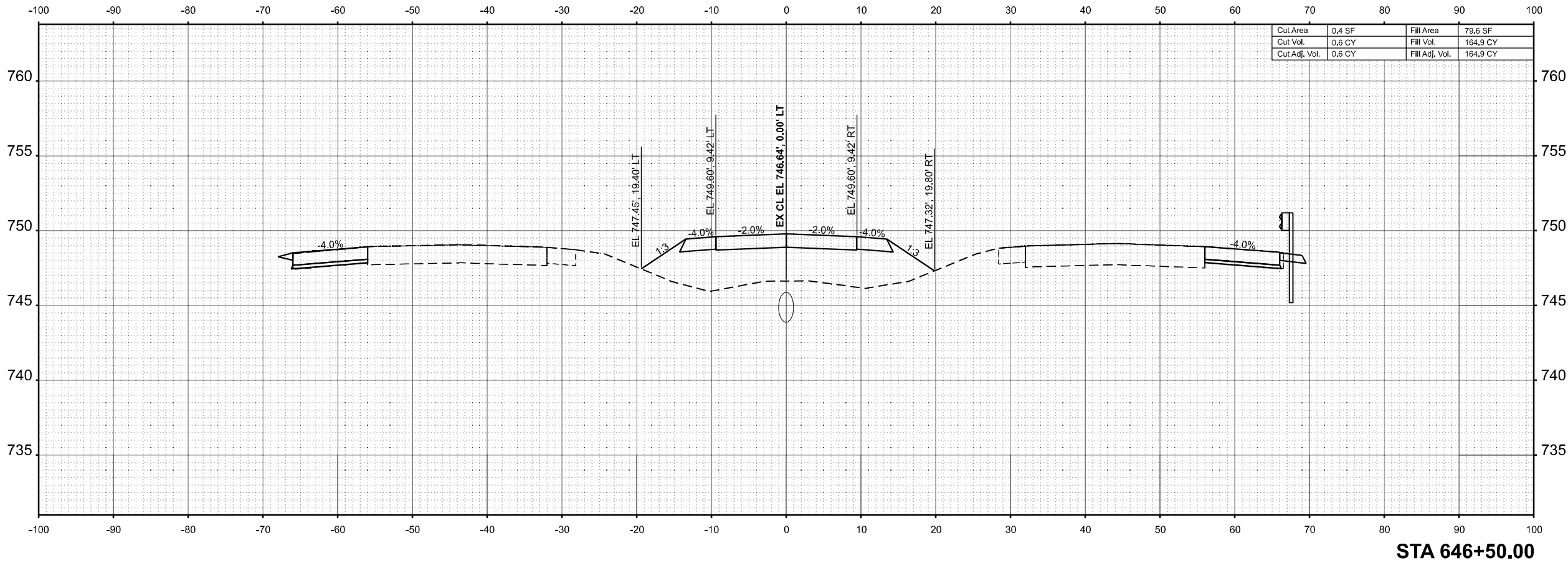
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FILE NAME: P:\6XXXX\646+00.00\Sheet1.dgn



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: E:\CL - 646+50.00 (Sheet)
FILE NAME: P:\6XXXX\44XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sht11.dgn



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 646+59.81 [Sheet]
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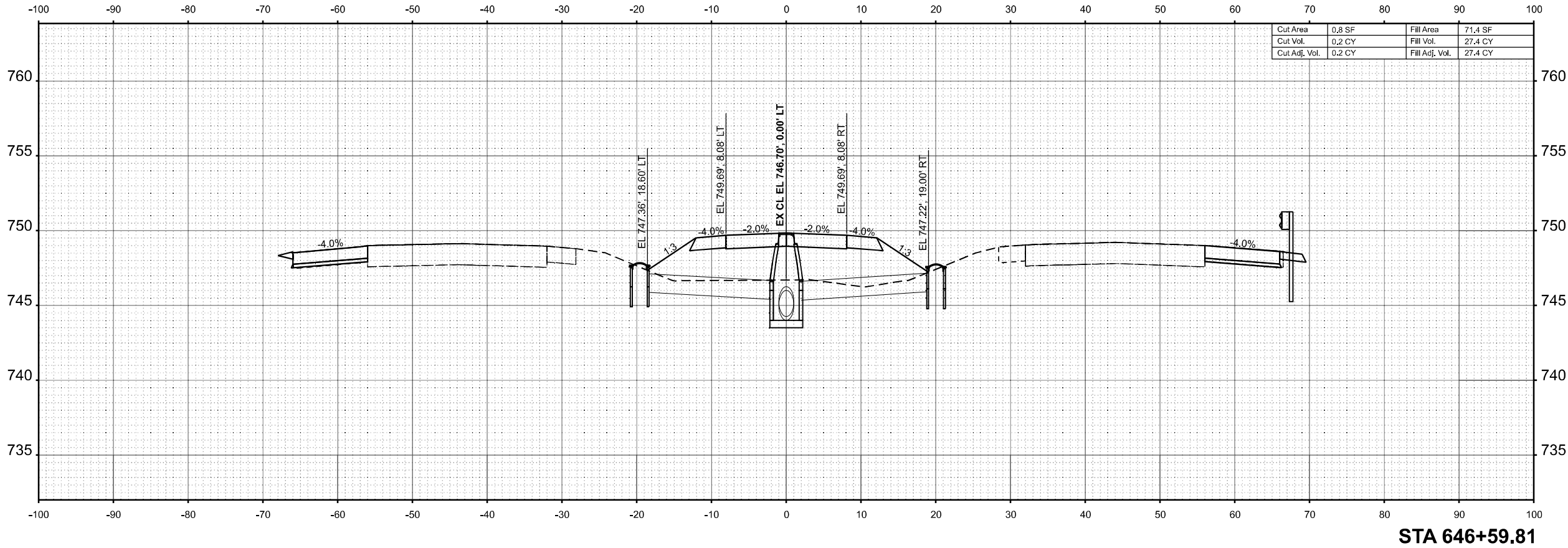
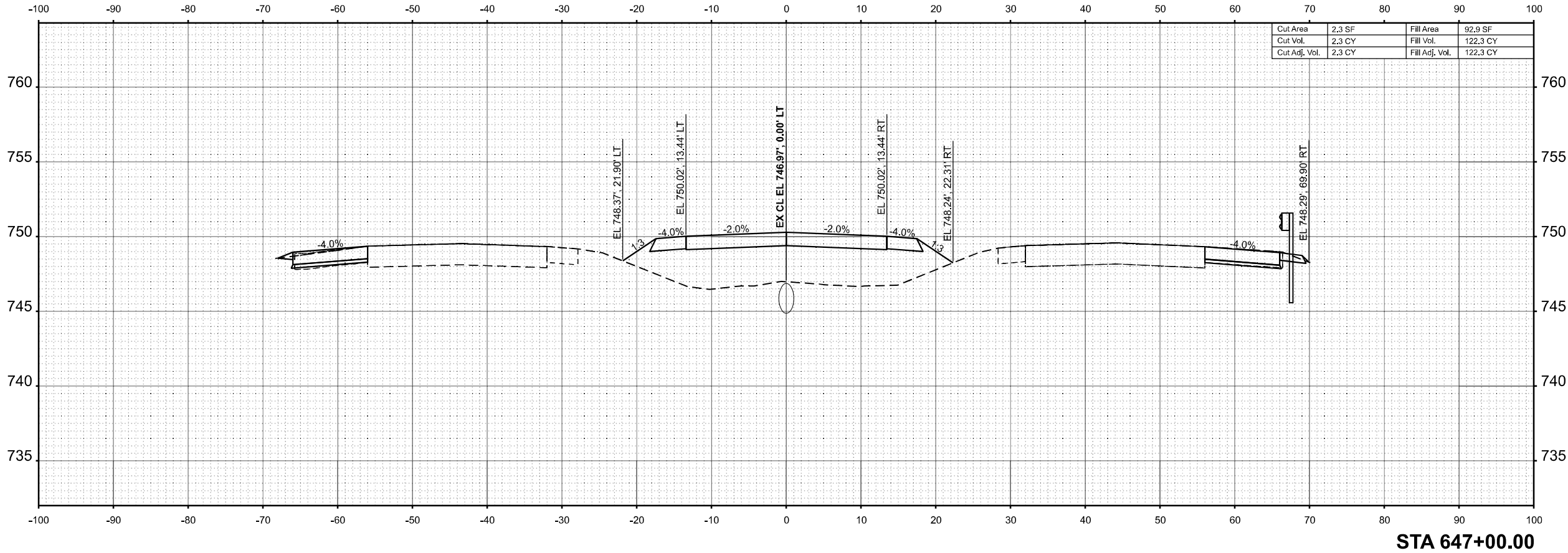
USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT DATE = 8/15/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

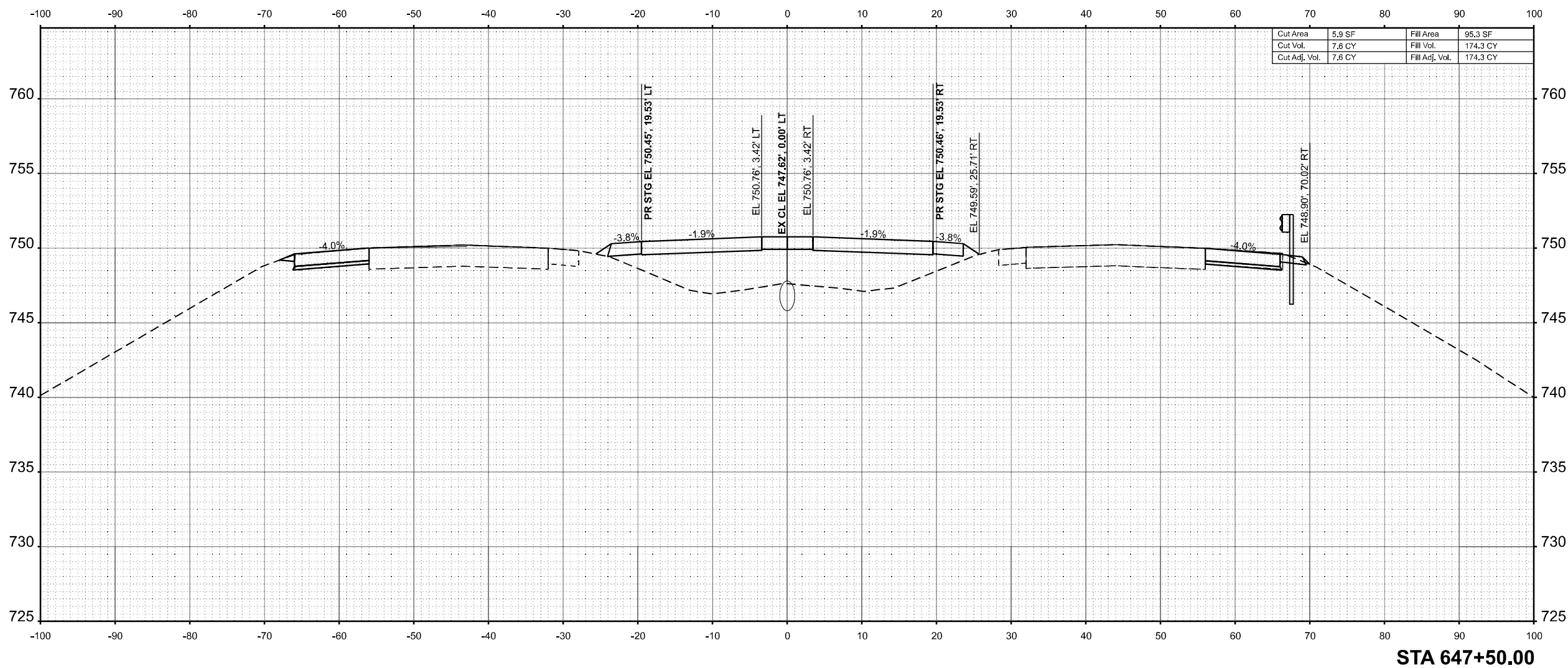
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	105
CONTRACT NO. 74650				
ILLINOIS		FED. AID PROJECT		



ORIGINAL SURVEY				BY		DATE
	SURVEYED					
	PLOTTED					
	TEMPERATURE					
	AREAS					
	AREAS CHECKED					
NO.						

MODEL: ExCL - 647+50.00 [Sheet]
 FILE NAME: P:\6XXXXX\64+55XX\6424 - IDOT PTB 208-036 D7 W. Clark Dietz\Work Order 2\CADD Data\Sheets\ID774650-xsec-sh-1.dgn



Cut Area	5.9 SF	Fill Area	95.3 SF
Cut Vol.	7.6 CY	Fill Vol.	174.3 CY
Cut Adj. Vol.	7.6 CY	Fill Adj. Vol.	174.3 CY

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

I-57

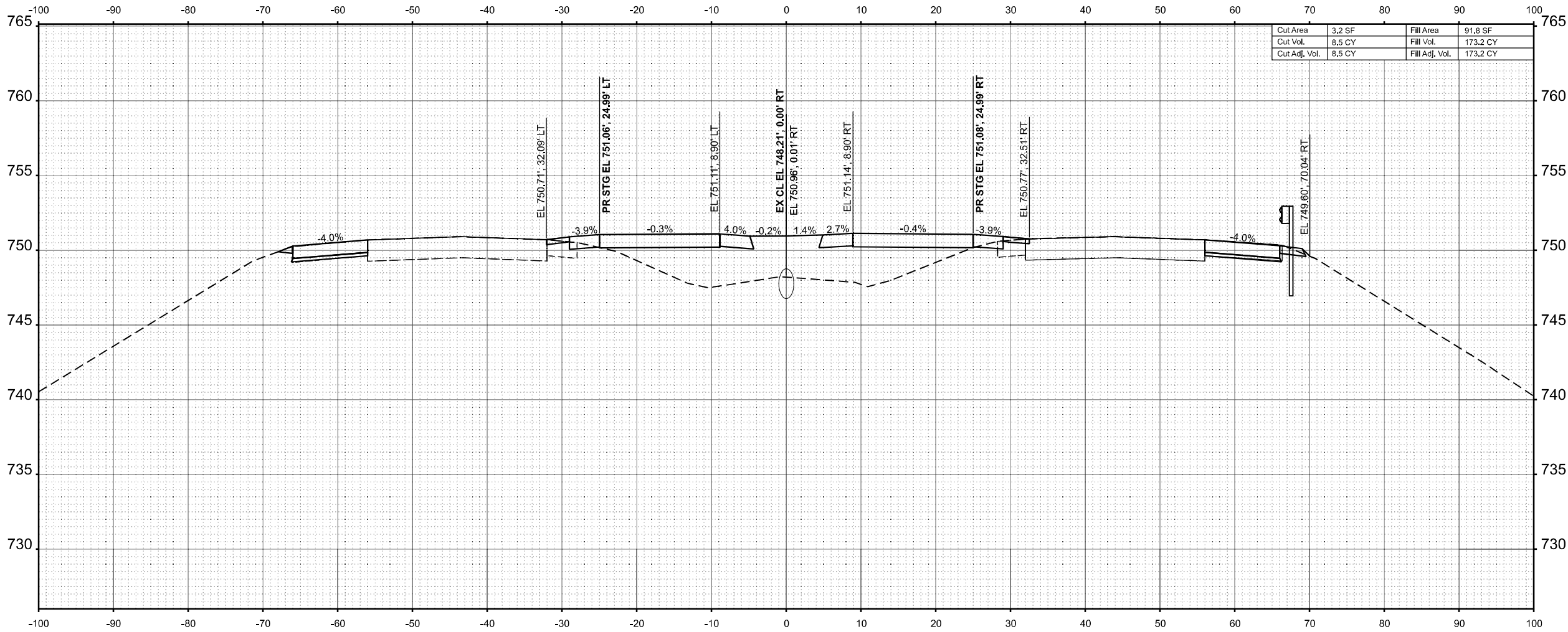
SCALE: 1/8"=1'-0"	SHEET 13	OF 65	SHEETS	STA. 647+50.00	TO STA. 647+50.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	106
		CONTRACT NO. 74650		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 648+00.00 (Sheet)
FILE NAME: P:\6XXXX\648+00.00\648+00.00.dgn



Cut Area	3.2 SF	Fill Area	91.8 SF
Cut Vol.	8.5 CY	Fill Vol.	173.2 CY
Cut Adj. Vol.	8.5 CY	Fill Adj. Vol.	173.2 CY

STA 648+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

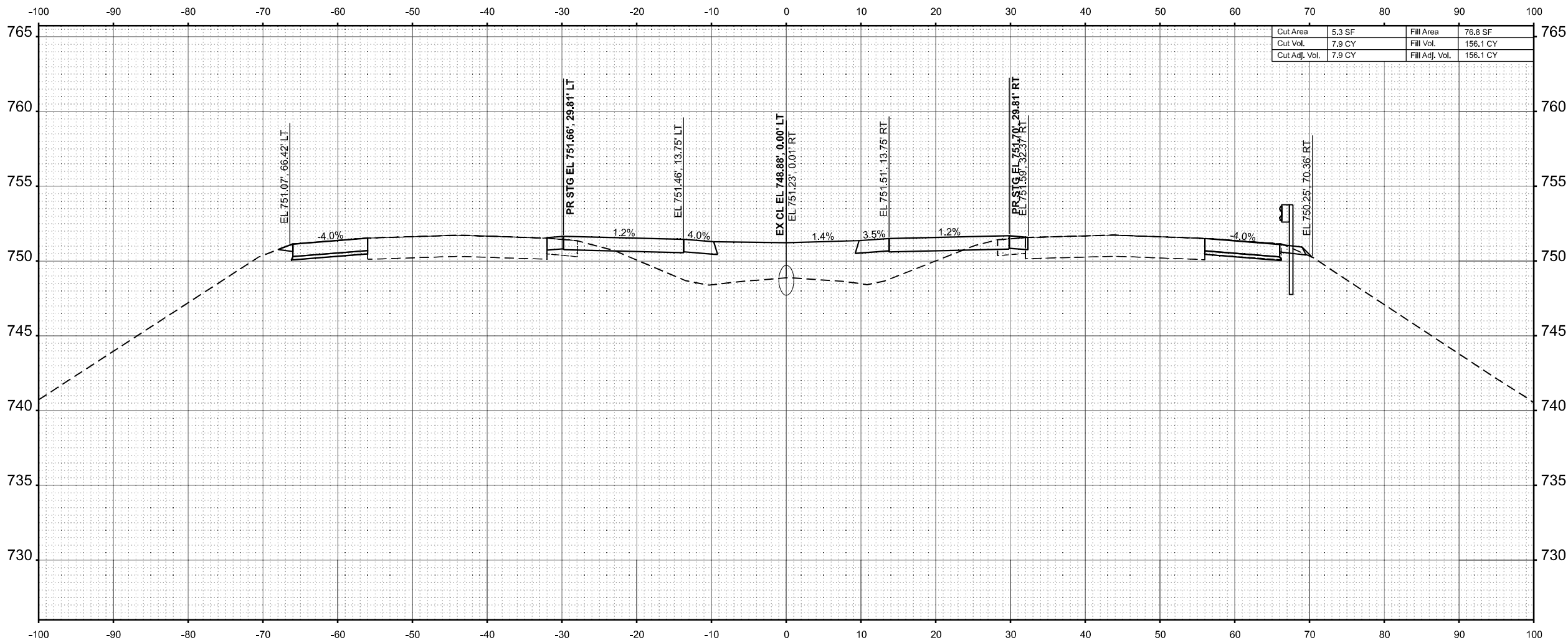
SCALE: 1/8"=1'-0" SHEET 14 OF 65 SHEETS STA. 648+00.00 TO STA. 648+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	107
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: E:\CL - 648+50.00 (Sheet)
FILE NAME: P:\6XXXX\648+50.00\648+50.00.dgn



STA 648+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

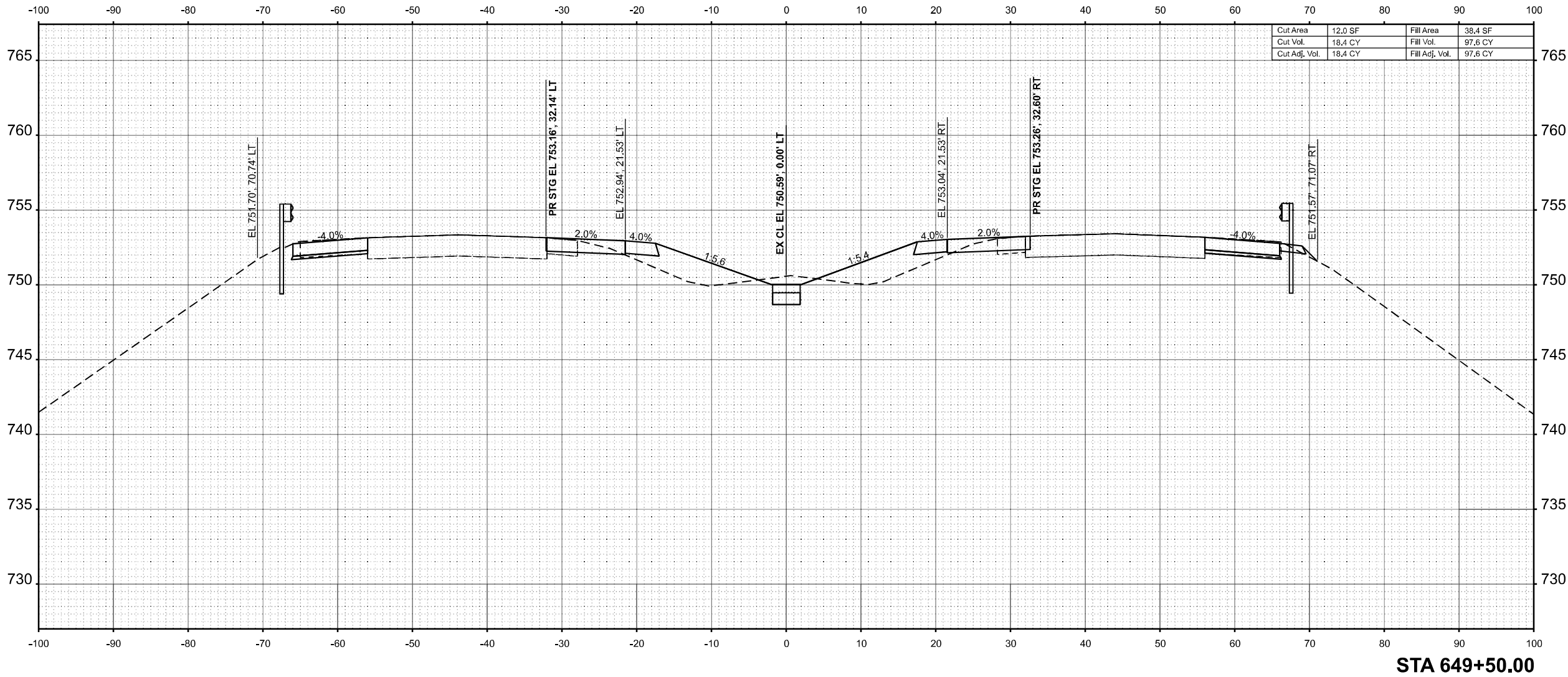
SCALE: 1/8"=1'-0" SHEET 15 OF 65 SHEETS STA. 648+50.00 TO STA. 648+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	108
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: E:\CL - 649+50.00 (Sheet)
FILE NAME: P:\6XXXX\649+50.00\649+50.00.dgn



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LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

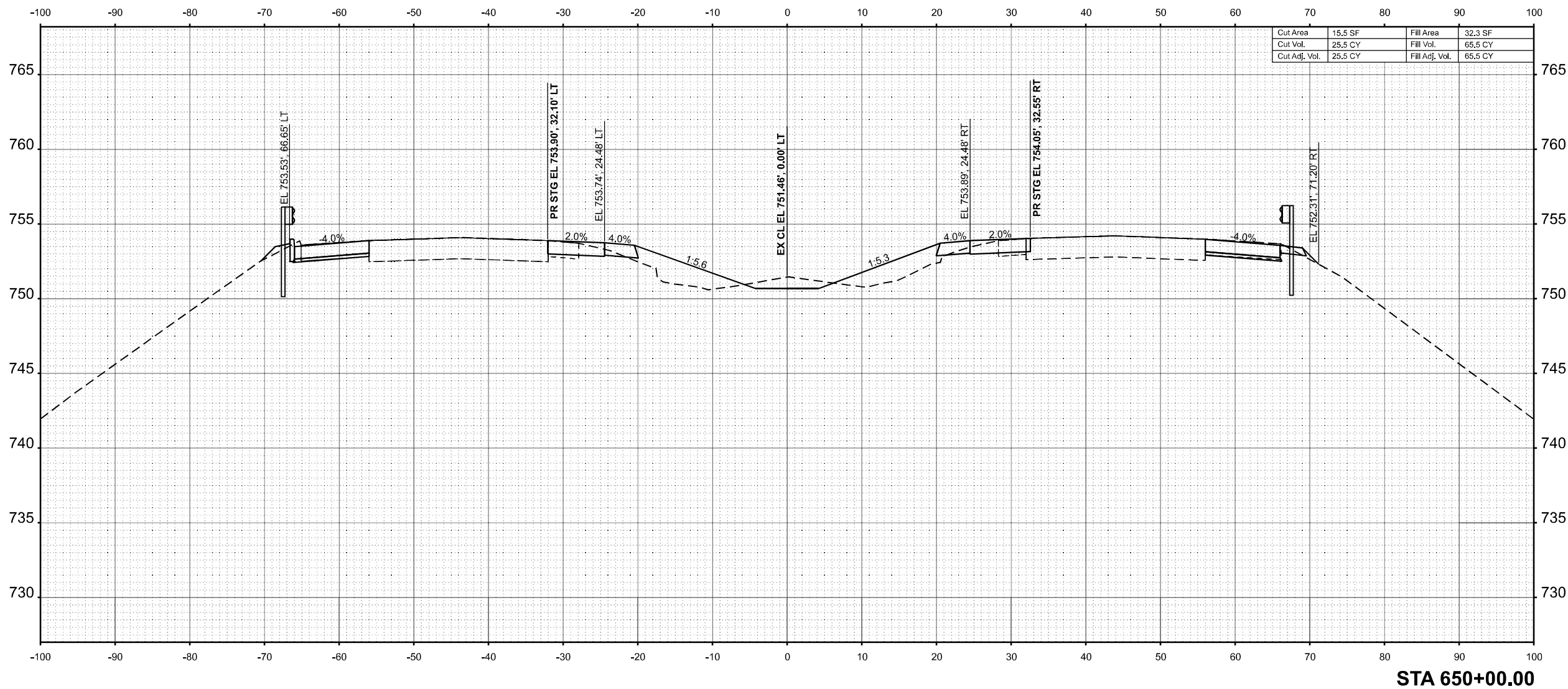
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 17 OF 65 SHEETS STA. 649+50.00 TO STA. 649+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	110
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY				BY		DATE
	SURVEYED					
	PLOTTED					
	TEMPERATURE					
	AREAS					
	AREAS CHECKED					
NO.						

MODEL: ExCL - 650+00.00 [Sheet]
FILE NAME: P:\6XXXXX\64-XX-65XX\6424 - IDOT PTB 208-036 D7 W. Clark Dietz\Work Order 2\CADD Data\Sheets\ID774650-xsec-sht-1.dgn



Cut Area	15.5 SF	Fill Area	32.3 SF
Cut Vol.	25.5 CY	Fill Vol.	65.5 CY
Cut Adj. Vol.	25.5 CY	Fill Adj. Vol.	65.5 CY

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

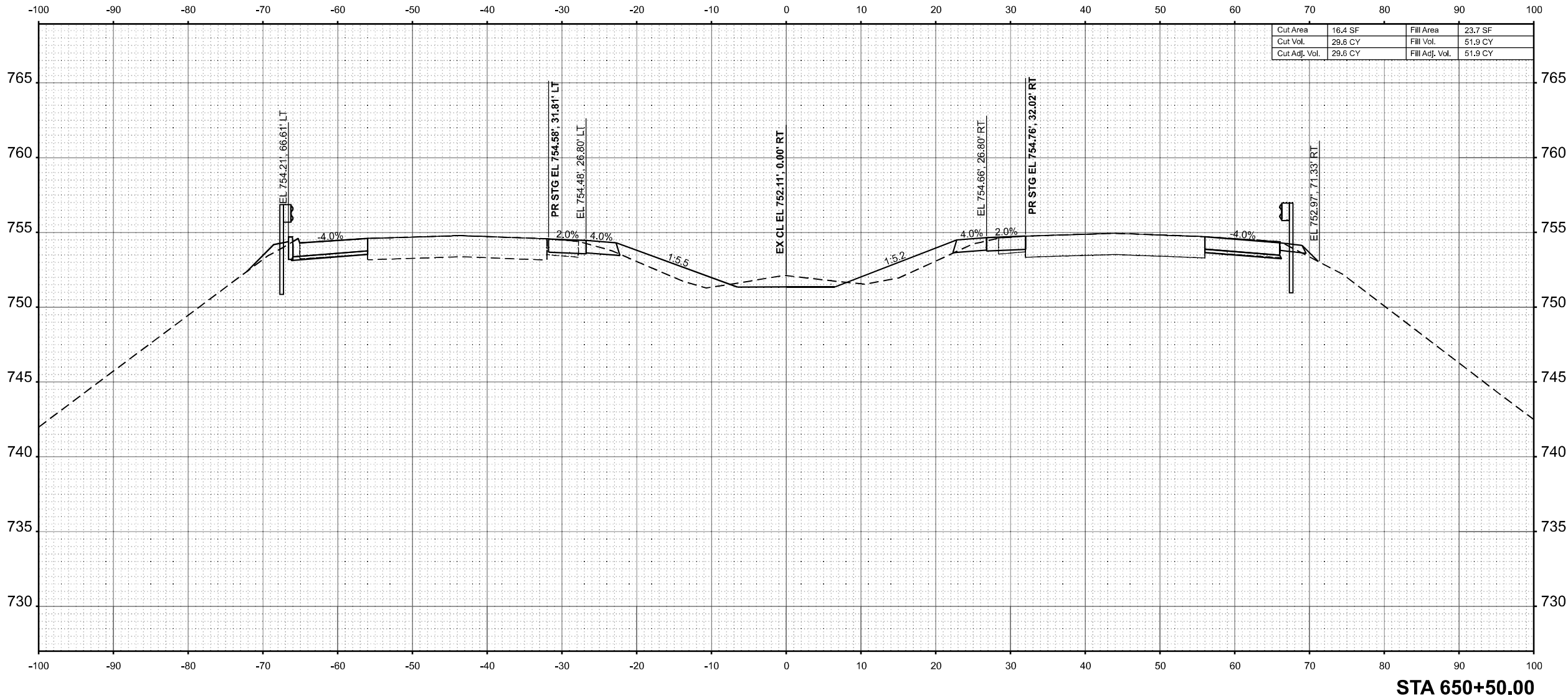
I-57

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	111
		CONTRACT NO. 74650		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EXCL - 650+50.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT P1B 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn





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WBE | DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

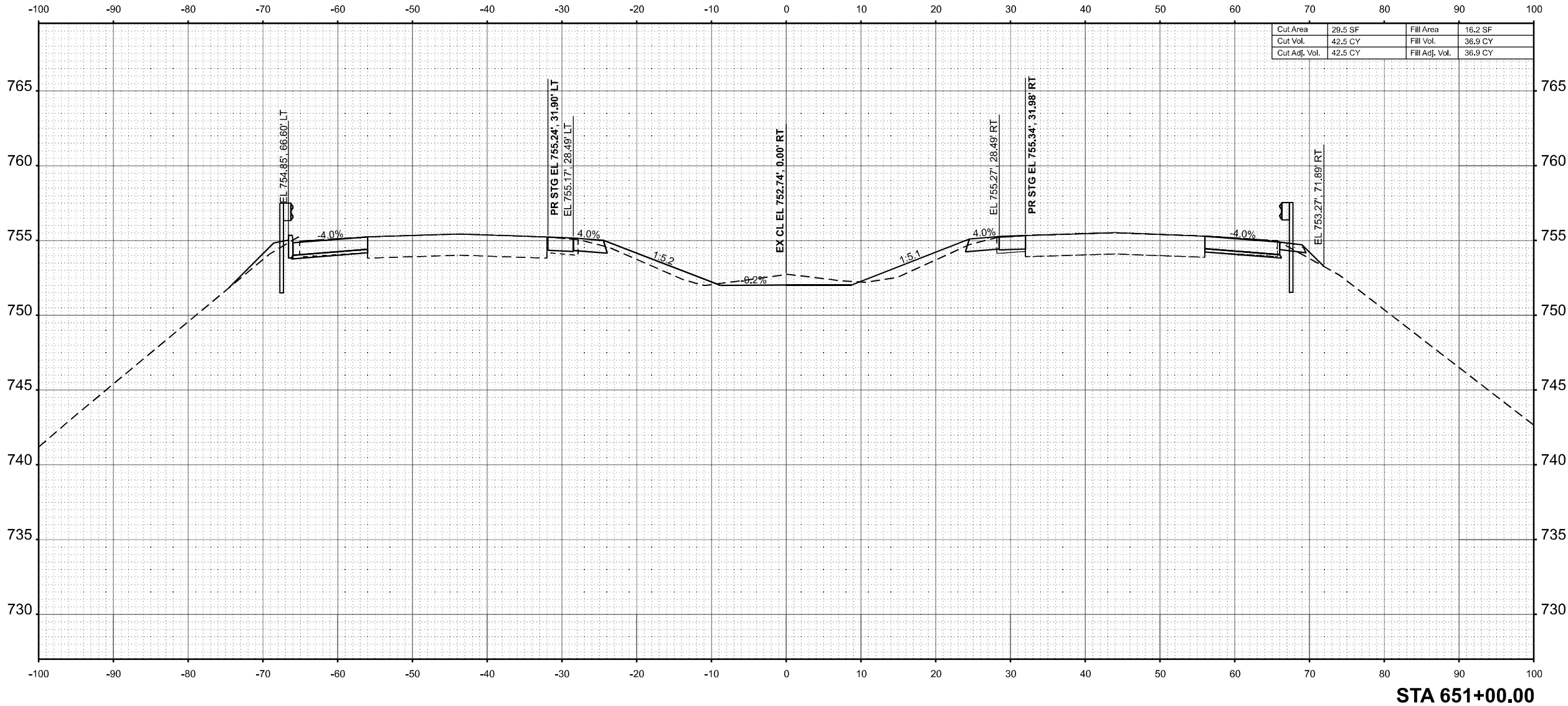
CROSS SECTIONS I-57			
SCALE: 1/8"=1'-0"	SHEET 19	OF 65 SHEETS	STA. 650+50.00 TO STA. 650+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	112
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL-651+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn



Cut Area	29.5 SF	Fill Area	16.2 SF
Cut Vol.	42.5 CY	Fill Vol.	36.9 CY
Cut Adj. Vol.	42.5 CY	Fill Adj. Vol.	36.9 CY



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

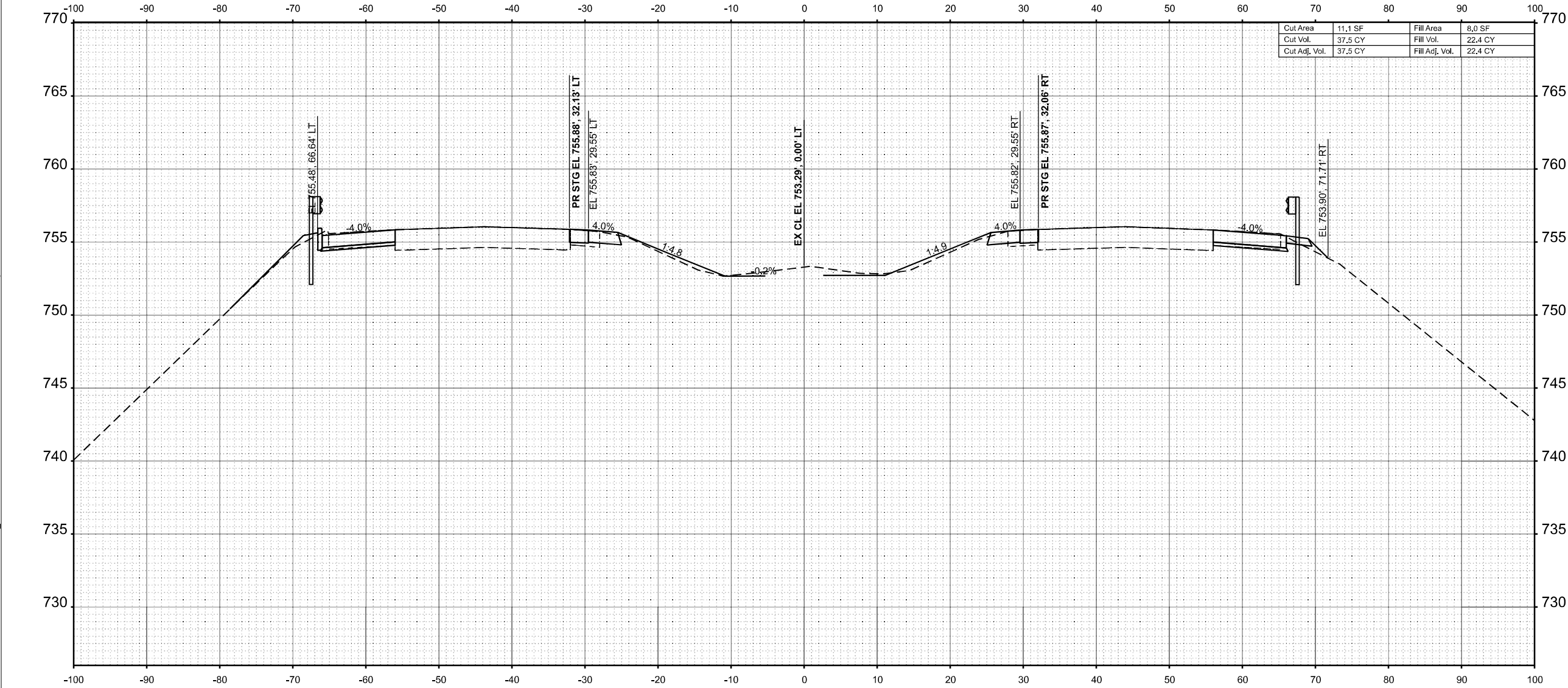
SCALE: 1/8"=1'-0" SHEET 20 OF 65 SHEETS STA. 651+00.00 TO STA. 651+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	113
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

MODEL: EXCL - 651+50.00 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sht1.dgn



Cut Area	11.1 SF	Fill Area	8.0 SF
Cut Vol.	37.5 CY	Fill Vol.	22.4 CY
Cut Adj. Vol.	37.5 CY	Fill Adj. Vol.	22.4 CY

STA 651+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

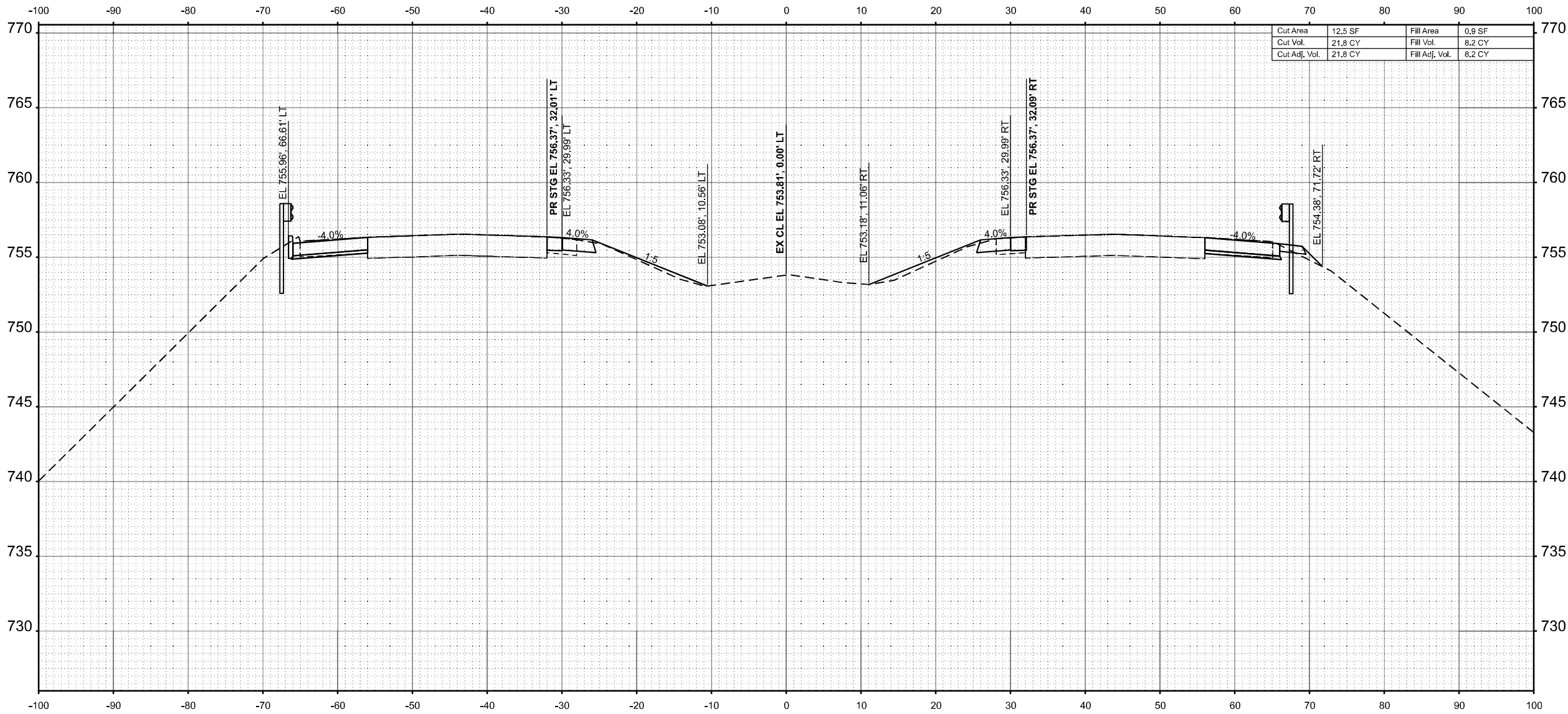
SCALE: 1/8"=1'-0" SHEET 21 OF 65 SHEETS STA. 651+50.00 TO STA. 651+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	114
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: EXCL - 652+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sht1-1.dgn



STA 652+00.00



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

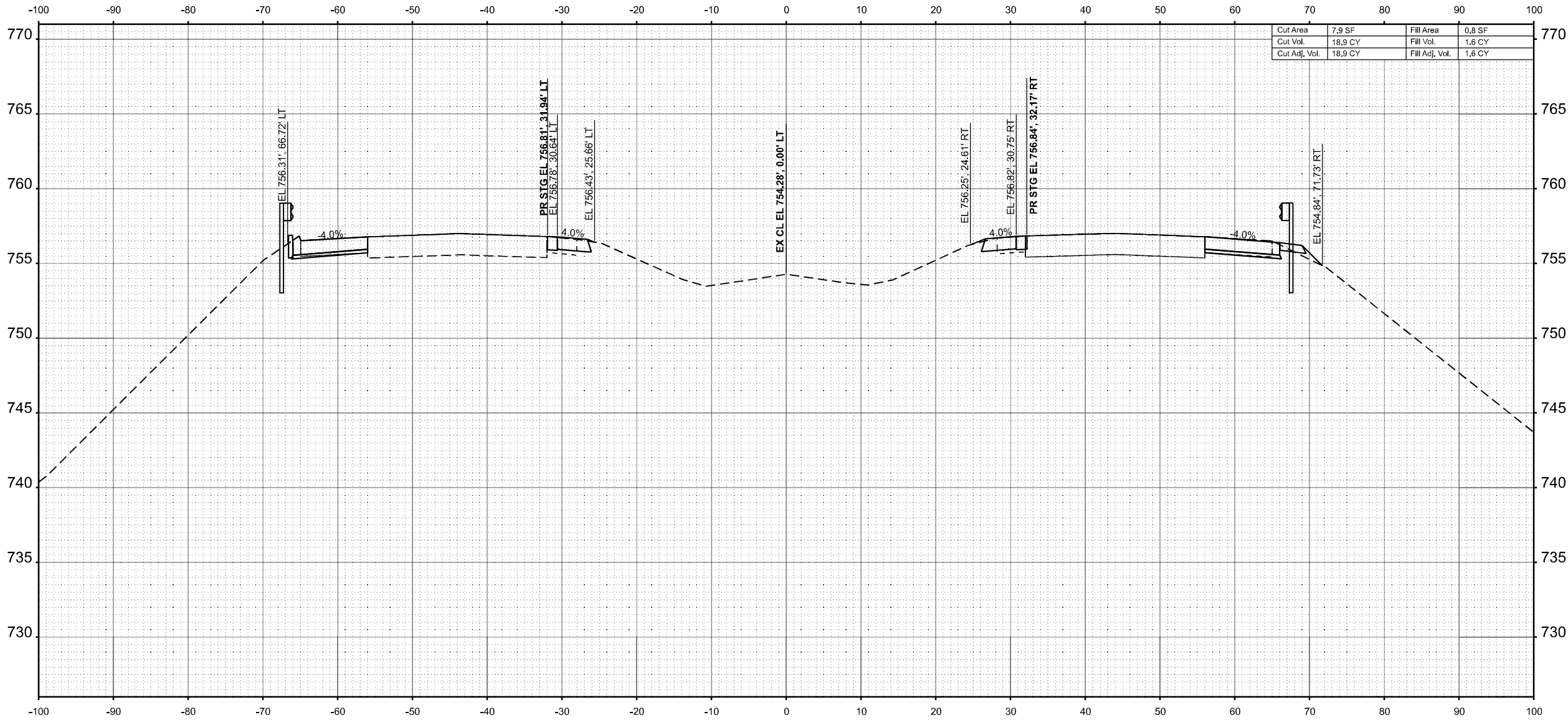
SCALE: 1/8"=1'-0" SHEET 22 OF 65 SHEETS STA. 652+00.00 TO STA. 652+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	115
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 652+50.00 (Sheet)
FILE NAME: P:\6XXXX\652+50.00\652+50.00.dgn



Cut Area	7.9 SF	Fill Area	0.8 SF
Cut Vol.	18.9 CY	Fill Vol.	1.6 CY
Cut Adj. Vol.	18.9 CY	Fill Adj. Vol.	1.6 CY

STA 652+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

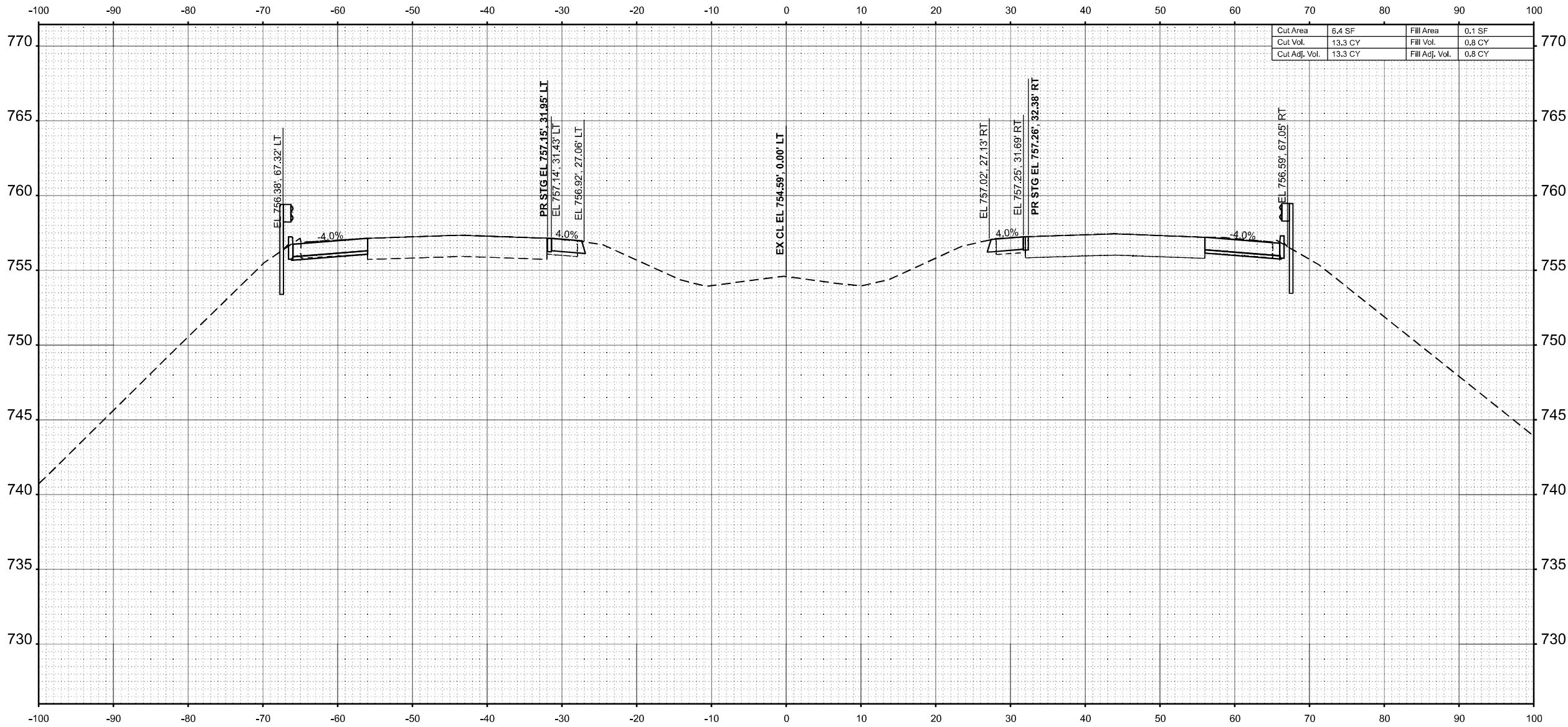
SCALE: 1/8"=1'-0" SHEET 23 OF 65 SHEETS STA. 652+50.00 TO STA. 652+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	116
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 653+00.00 (Sheet)
FILE NAME: P:\6XXXX\653+00\653+00.dgn - IDOT P/B 208-036 D7 VV Clark Data\Work Order 2\CADD Data\Sheets\774650-sec-sh1-1.dgn



Cut Area	6.4 SF	Fill Area	0.1 SF
Cut Vol.	13.3 CY	Fill Vol.	0.8 CY
Cut Adj. Vol.	13.3 CY	Fill Adj. Vol.	0.8 CY

STA 653+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

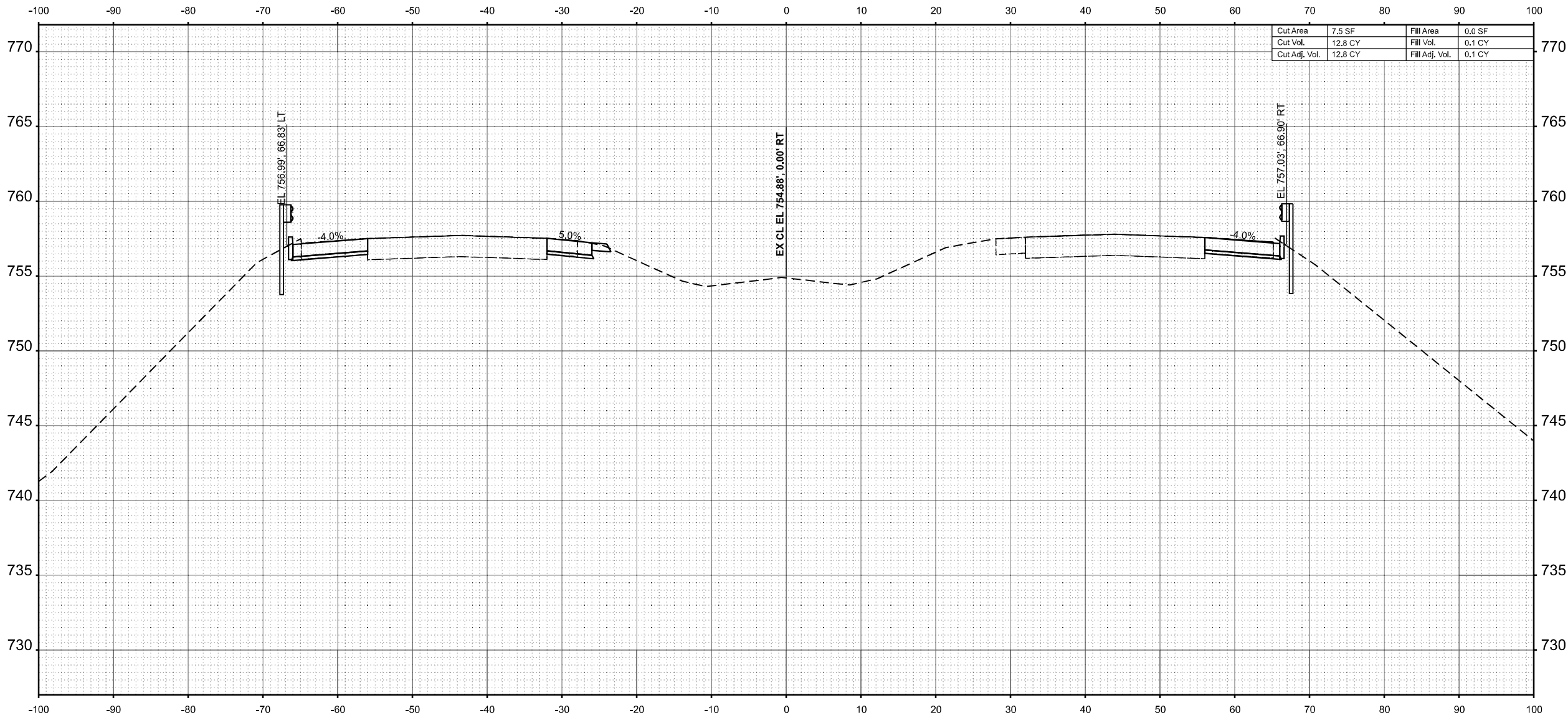
SCALE: 1/8"=1'-0" SHEET 24 OF 65 SHEETS STA. 653+00.00 TO STA. 653+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	117
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

MODEL: E:\CL-653+50.00 (Sheet)
FILE NAME: P:\6XXXX\44XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn



STA 653+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

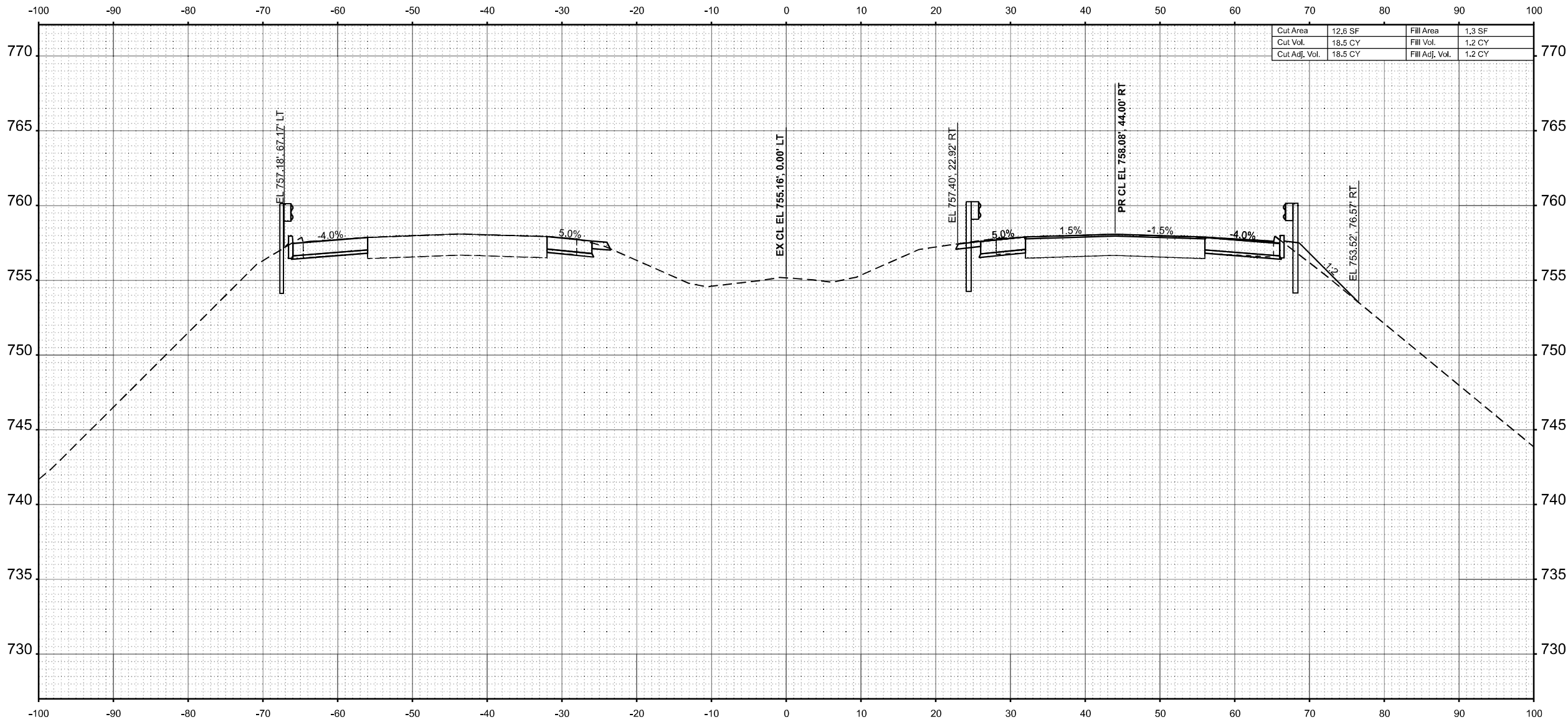
SCALE: 1/8"=1'-0" SHEET 25 OF 65 SHEETS STA. 653+50.00 TO STA. 653+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	118
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	NOTED	BY	DATE

ORIGINAL SURVEY	NO.	NOTED	BY	DATE

MODEL: E:\CL-654+00.00 (Sheet)
FILE NAME: P:\6XXXX\654+00.00 (Sheet) - IDOT PTB 208-036 D7 VV Clark Data\Work Order 2\CADD Data\Sheets\774650-sec-sht1.dgn



STA 654+00.00



CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

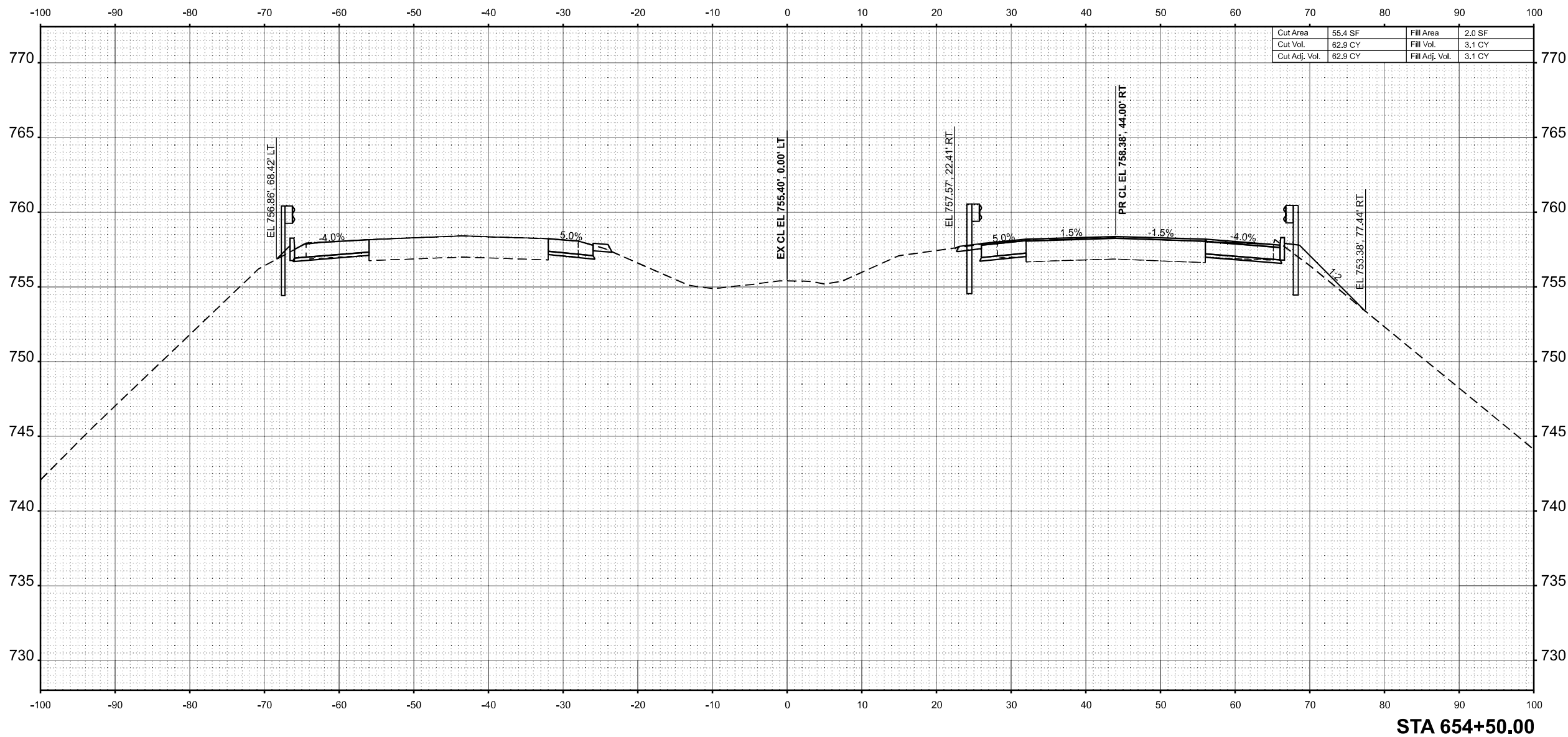
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 26 OF 65 SHEETS STA. 654+00.00 TO STA. 654+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	119
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY				BY		DATE
	SURVEYED					
	PLOTTED					
	TEMPERATURE					
	AREAS					
	AREAS CHECKED					
NO.						

MODEL: ExCL - 654+50.00 [Sheet]
FILE NAME: P:\6XXXX\64+XX-65XX\6424 - IDOT PTB 208-036 D7 W. Clark Dietz\Work Order 2\CADD Data\Sheets\ID774650-xsec-sh-1.dgn



Cut Area	55.4 SF	Fill Area	2.0 SF
Cut Vol.	62.9 CY	Fill Vol.	3.1 CY
Cut Adj. Vol.	62.9 CY	Fill Adj. Vol.	3.1 CY

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

I-57

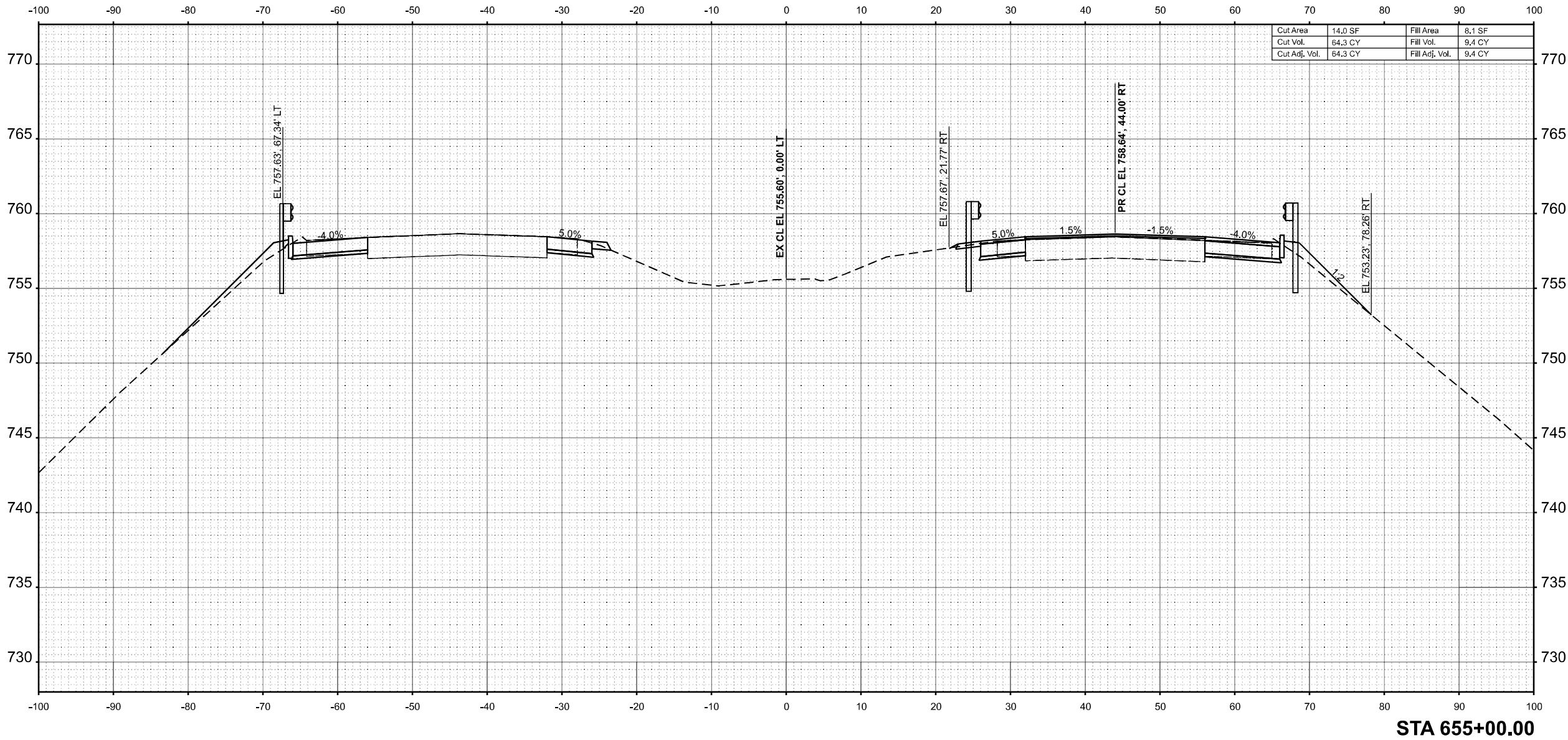
SCALE: 1/8"=1'-0"	SHEET 27	OF 65	SHEETS	STA. 654+50.00	TO STA. 654+50.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	120
		CONTRACT NO. 74650		
ILLINOIS		FED. AID PROJECT		

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

MODEL: EXCL - 655+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\DT74650-sec-sh1-1.dgn



Cut Area	14.0 SF	Fill Area	8.1 SF
Cut Vol.	64.3 CY	Fill Vol.	9.4 CY
Cut Adj. Vol.	64.3 CY	Fill Adj. Vol.	9.4 CY



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

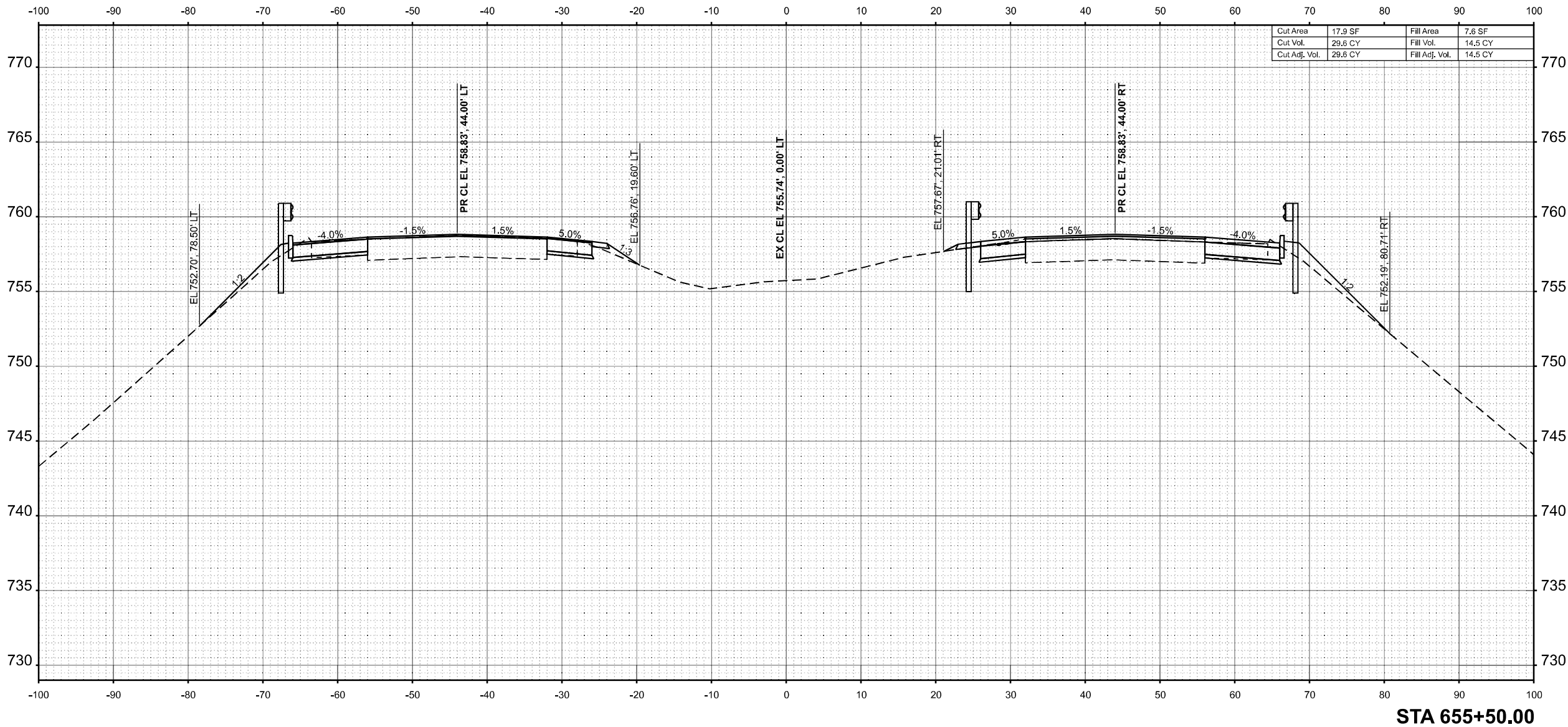
SCALE: 1/8"=1'-0" SHEET 28 OF 65 SHEETS STA. 655+00.00 TO STA. 655+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	121
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: EXCL - 655+50.00 (Sheet)
FILE NAME: P:\6XXXX\44XX-655XX\6424 - IDOT PTB 208-036 D7 VV Clark Data\Work Order 2\CADD Data\Sheets\D774650-asec-sh1-1.dgn



Cut Area	17.9 SF	Fill Area	7.6 SF
Cut Vol.	29.6 CY	Fill Vol.	14.5 CY
Cut Adj. Vol.	29.6 CY	Fill Adj. Vol.	14.5 CY



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LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

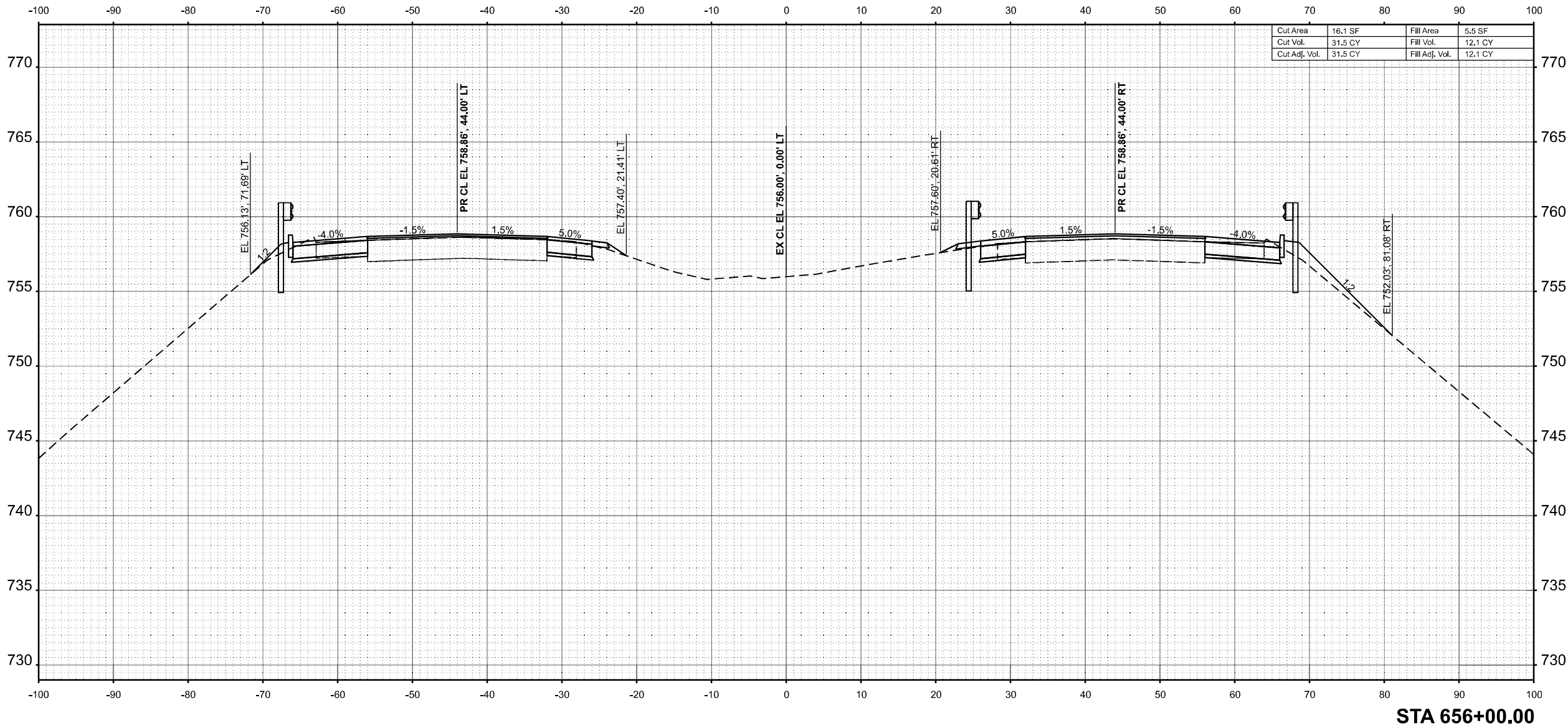
SCALE: 1/8"=1'-0" SHEET 29 OF 65 SHEETS STA. 655+50.00 TO STA. 655+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	122
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: EXCL - 656+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV Clark Data\Work Order 2\CADD Data\Sheets\D714650-sec-sht1.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

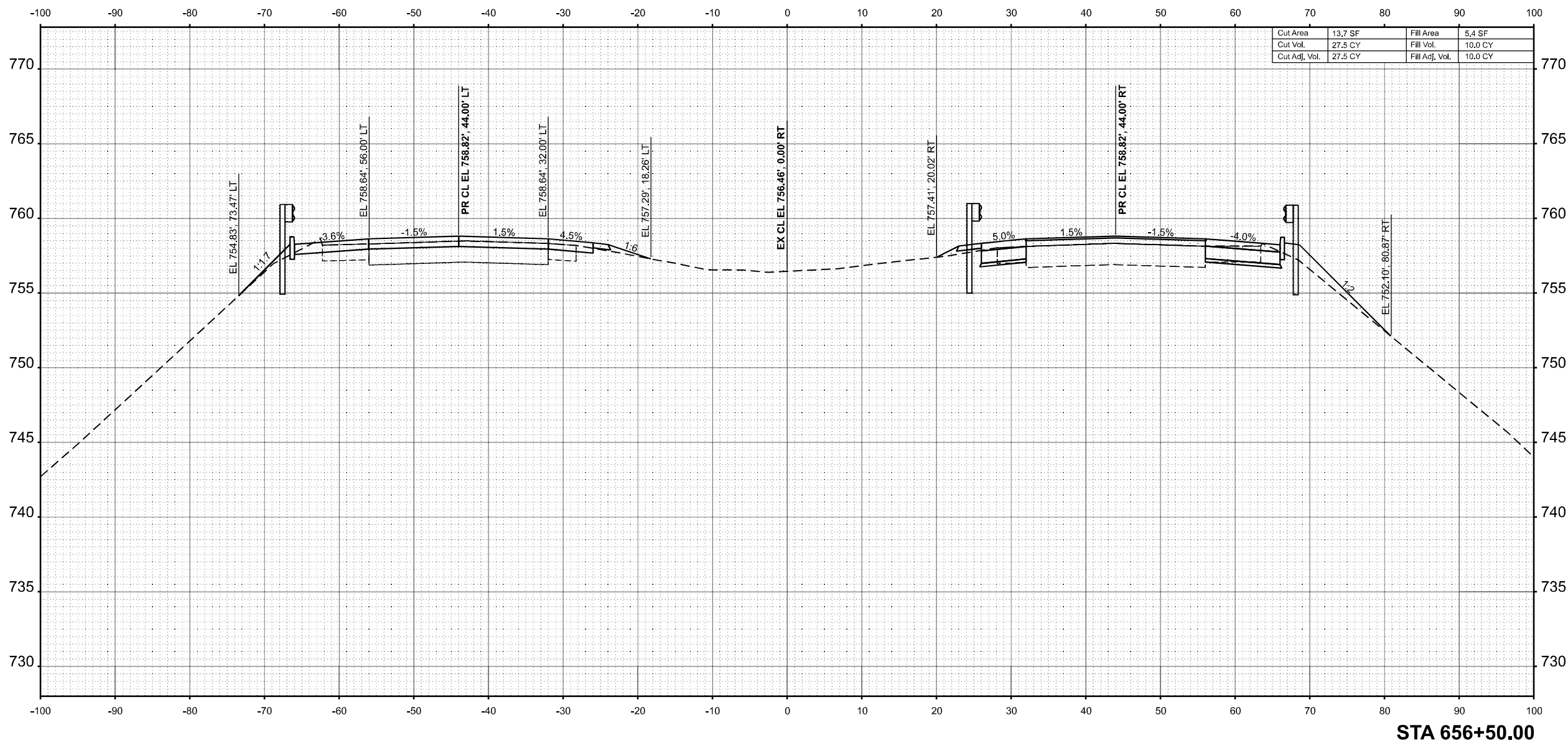
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 30 OF 65 SHEETS STA. 656+00.00 TO STA. 656+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	123
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY			BY	DATE
	SURVEYED			
	PLOTTED			
	TEMPERATURE			
	AREAS			
	AREAS CHECKED			
NO.				

MODEL: ExCL - 656+50.00 [Sheet]
FILE NAME: P:\6XXXXX\64+55XX\6424 - IDOT PTB 208-036 D7 W. Clark Dietz\Work Order 2\CADD Data\Sheets\ID774650-xsec-sht-1.dgn



Cut Area	13.7 SF	Fill Area	5.4 SF
Cut Vol.	27.5 CY	Fill Vol.	10.0 CY
Cut Adj. Vol.	27.5 CY	Fill Adj. Vol.	10.0 CY

USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

I-57

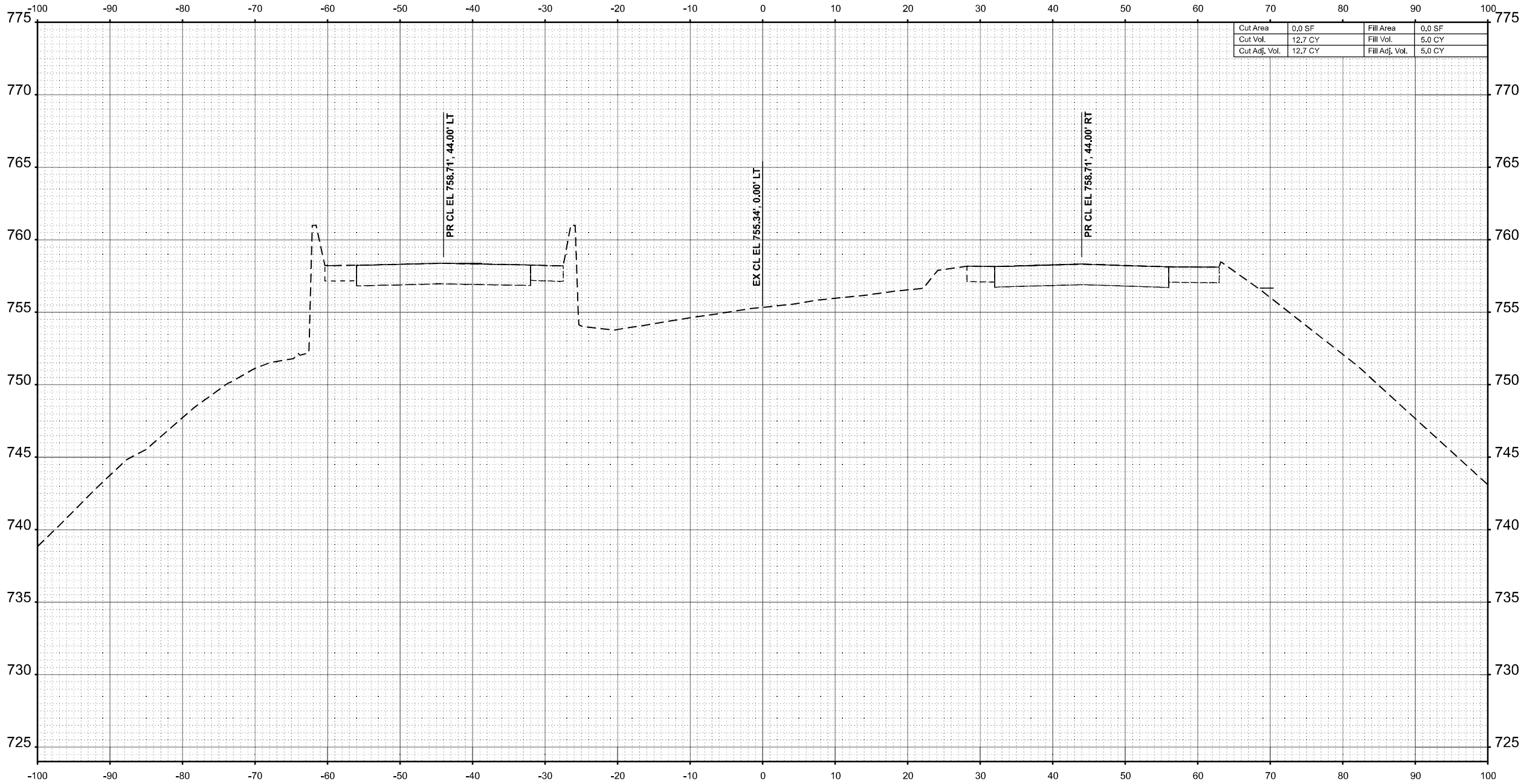
SCALE: 1/8"=1'-0"	SHEET 31	OF 65	SHEETS	STA. 656+50.00	TO STA. 656+50.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	124
		CONTRACT NO. 74650		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS	BY	DATE
NO.	AREAS CHECKED		

MODEL: E:\CL-657+00.00 (Sheet)
FILE NAME: P:\6XXXX\657+00.00 (Sheet) - IDOT PTB 208-036 D7 VV Clark Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-1.dgn



STA 657+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

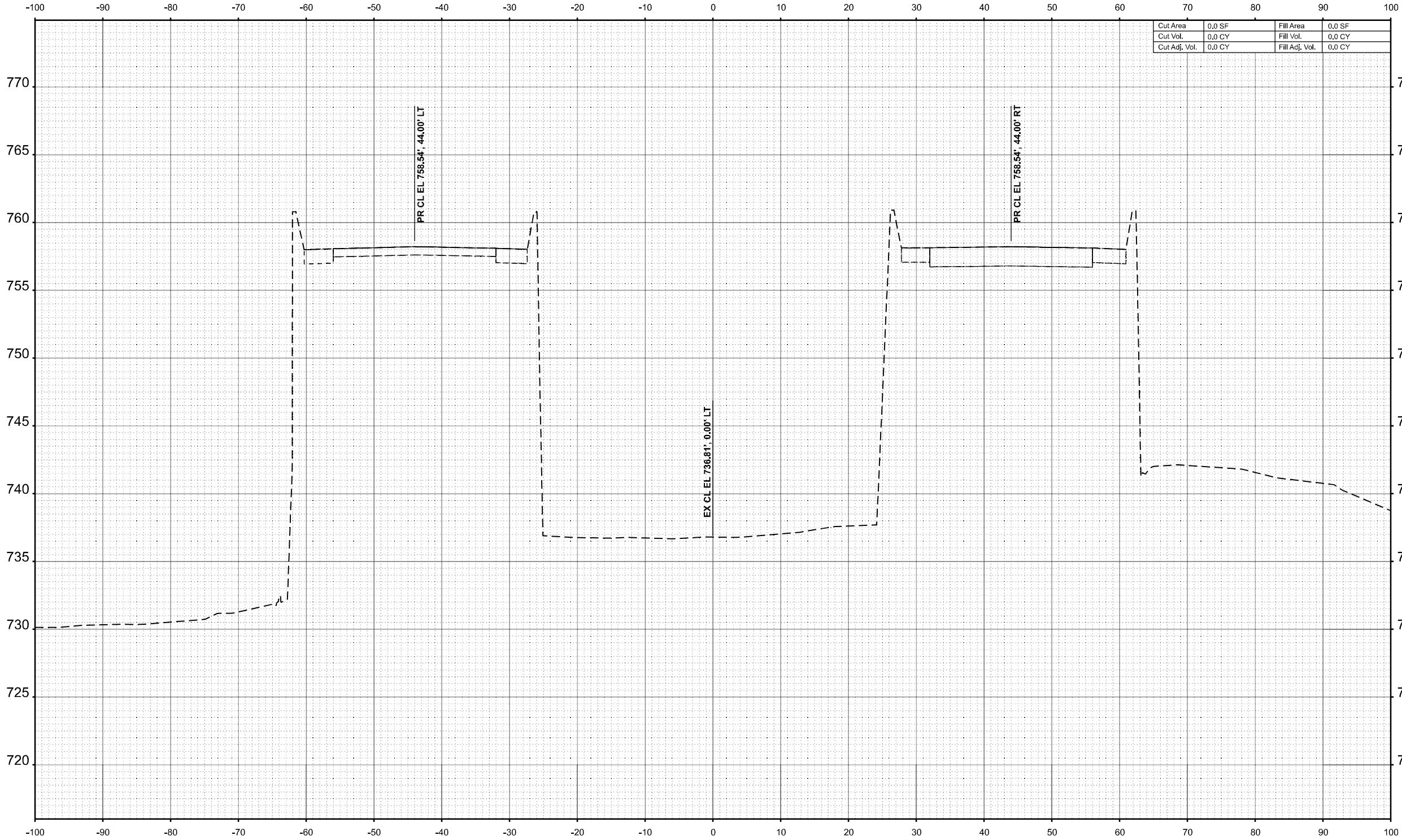
SCALE: 1/8"=1'-0" SHEET 32 OF 65 SHEETS STA. 657+00.00 TO STA. 657+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	125
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: E:\CL-657+50.00 (Sheet)
FILE NAME: P:\6XXXX\657+50.00\657+50.00.dgn



STA 657+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

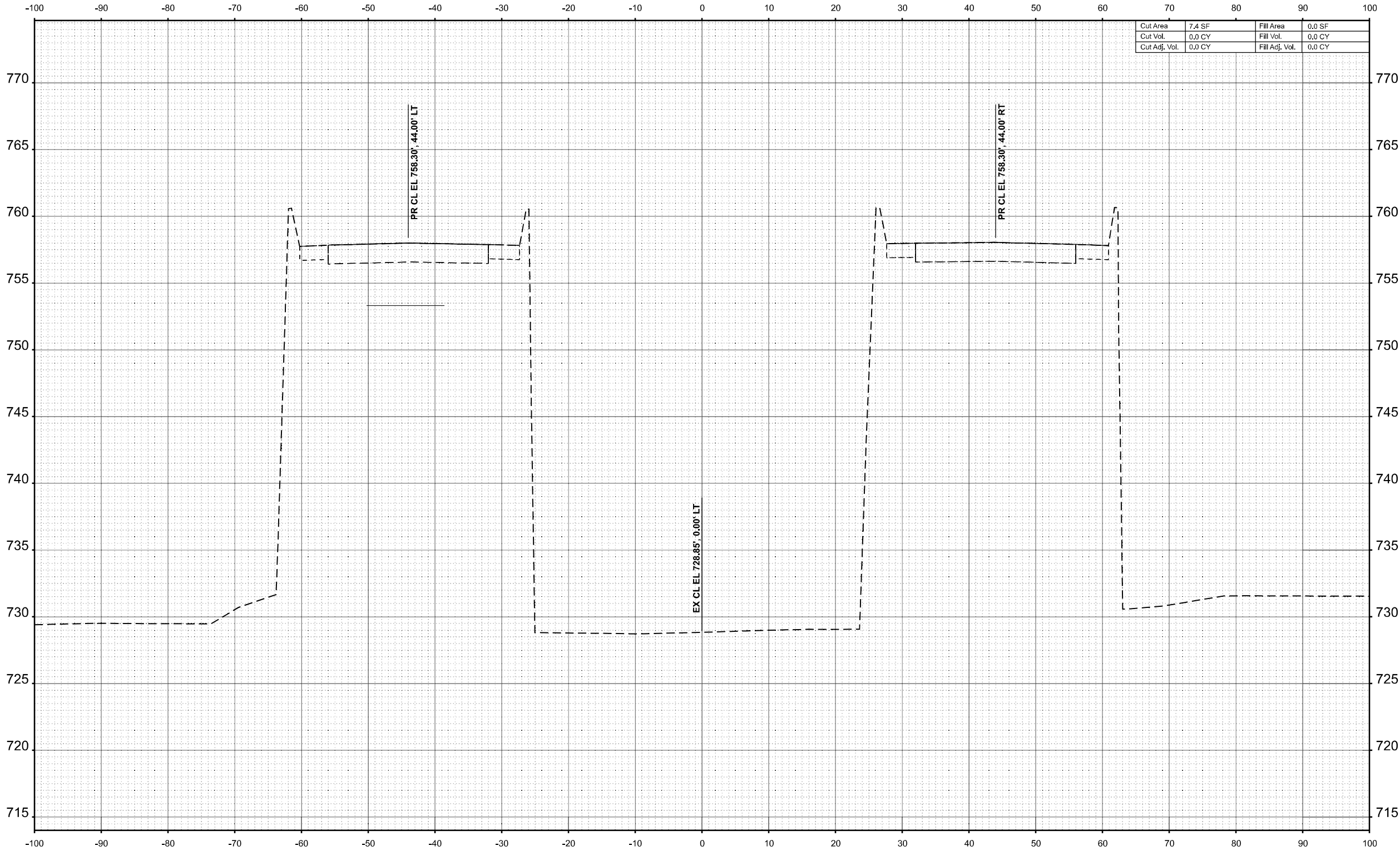
SCALE: 1/8"=1'-0" SHEET 33 OF 65 SHEETS STA. 657+50.00 TO STA. 657+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	126
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: E:\CL-658+00.00 (Sheet)
FILE NAME: P:\6XXXX\658+00.00 (Sheet) - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D7\658+00.00 (Sheet)2.dgn



STA 658+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

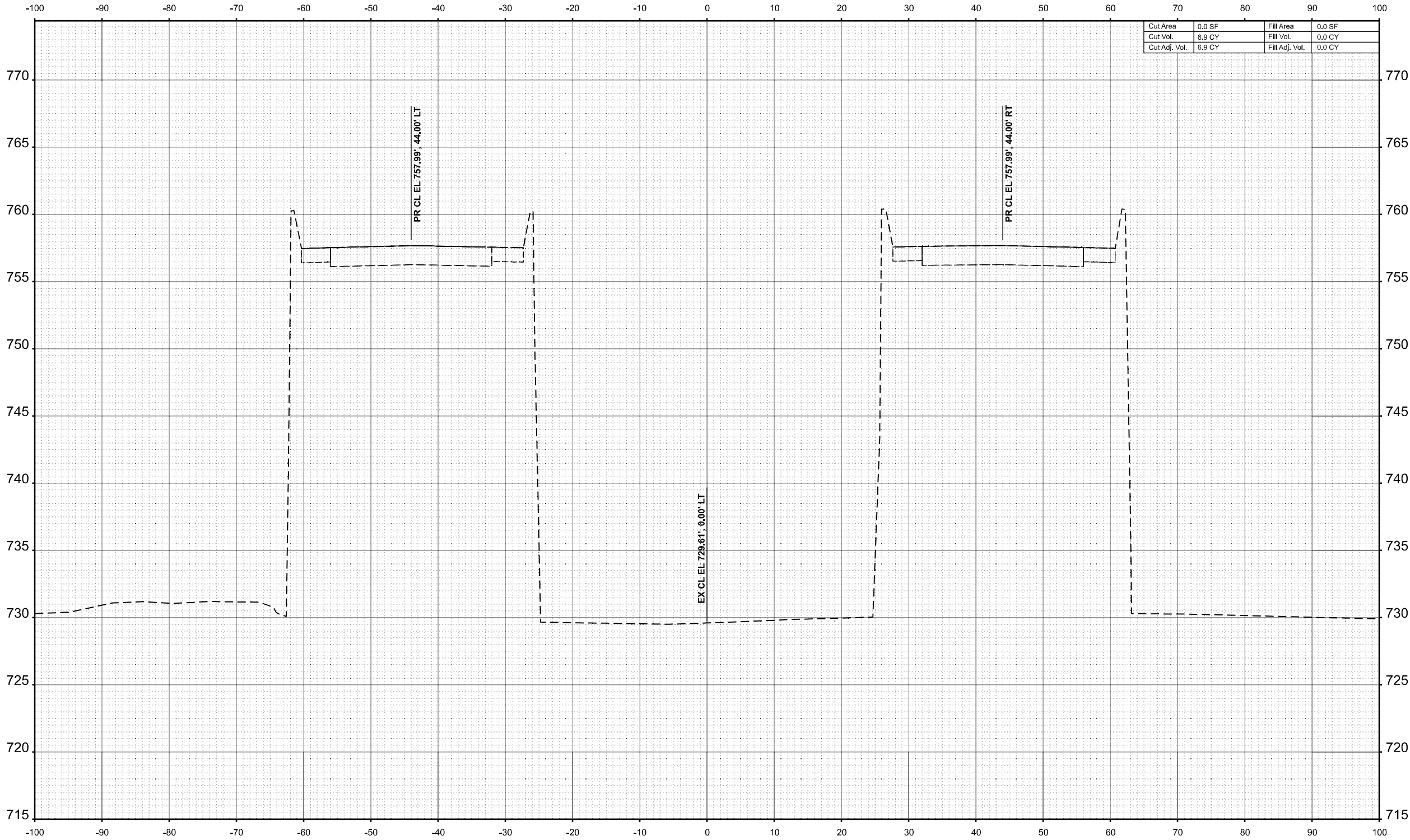
SCALE: 1/8"=1'-0" SHEET 34 OF 65 SHEETS STA. 658+00.00 TO STA. 658+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	127
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: E:\CL - 658+50.00 (Sheet)
FILE NAME: P:\6XXXX\44XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-2.dgn



Cut Area	0.0 SF	Fill Area	0.0 SF
Cut Vol.	6.9 CY	Fill Vol.	0.0 CY
Cut Adj. Vol.	6.9 CY	Fill Adj. Vol.	0.0 CY

STA 658+50.00



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 35 OF 65 SHEETS STA. 658+50.00 TO STA. 658+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	128
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

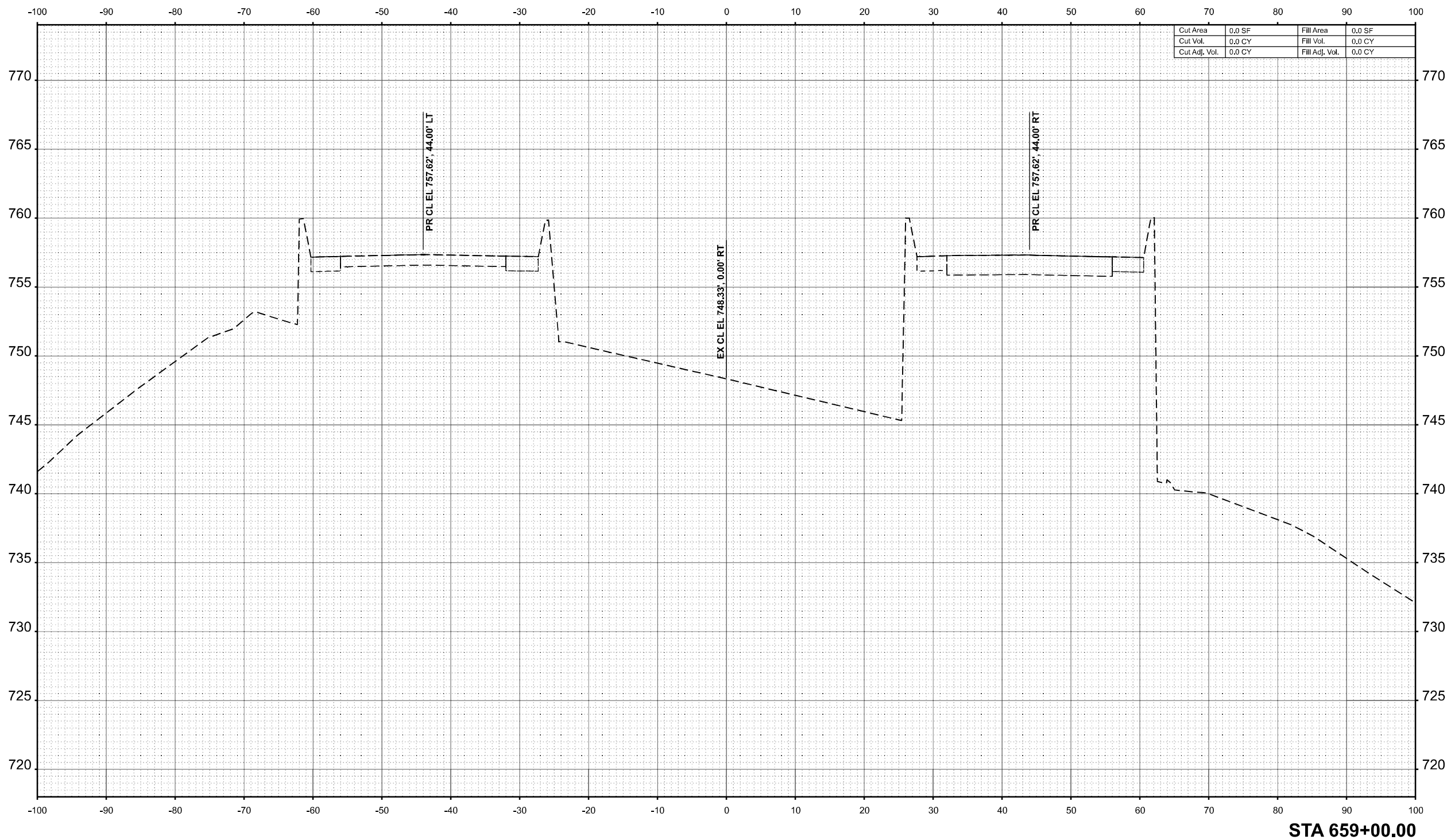
ORIGINAL SURVEY				BY		DATE
	SURVEYED					
	PLOTTED					
	TEMPERATURE					
	AREAS					
	AREAS CHECKED					
NO.						



CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE #184.003222

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

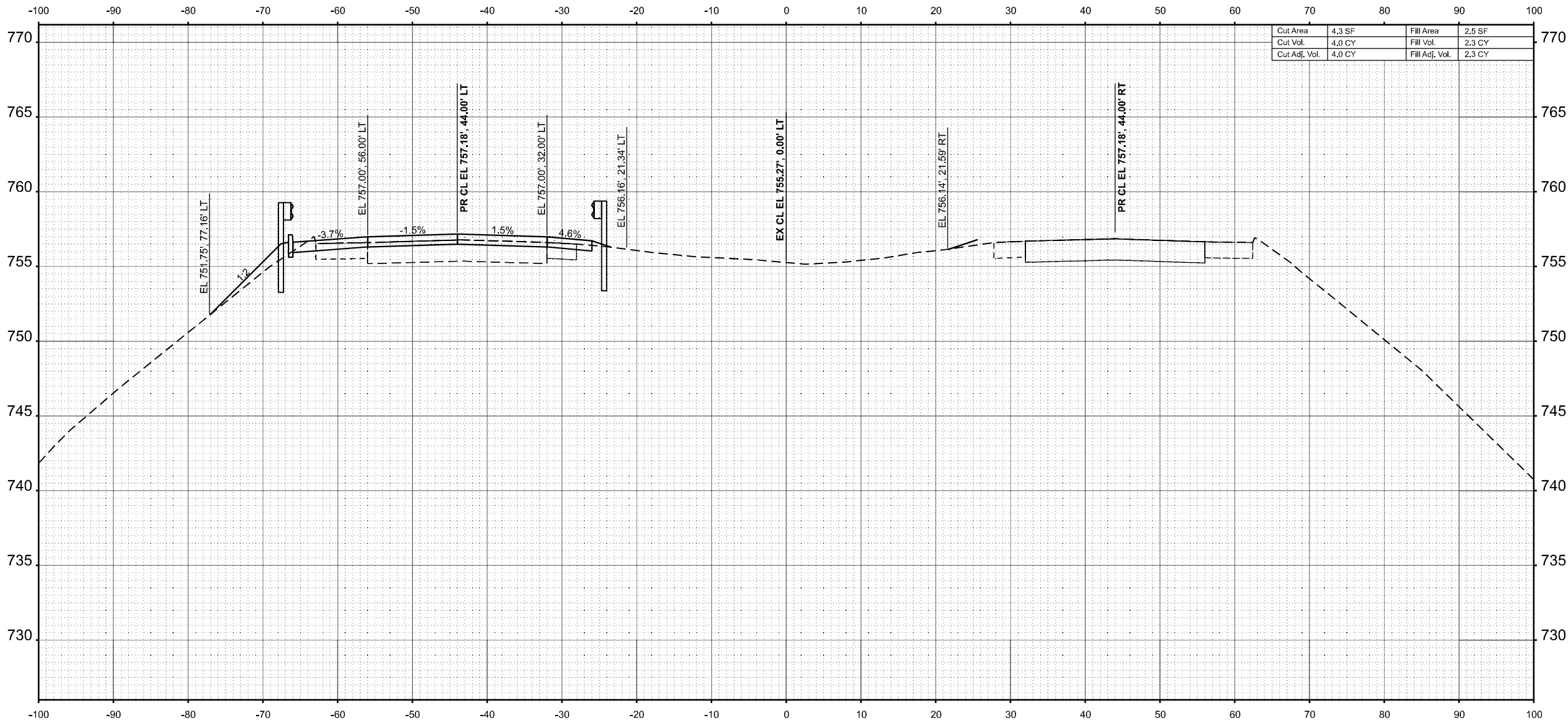
CROSS SECTIONS I-57			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			57	(15-22VB)BR	COLES	158	129
						CONTRACT NO. 74650	
OF 65 SHEETS	STA. 659+00.00 TO STA. 659+00.00		ILLINOIS		FED. AID PROJECT		



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: E:\CL - 659+50.00 (Sheet)
FILE NAME: P:\6XXXX\659+50.00\659+50.00.dgn



STA 659+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

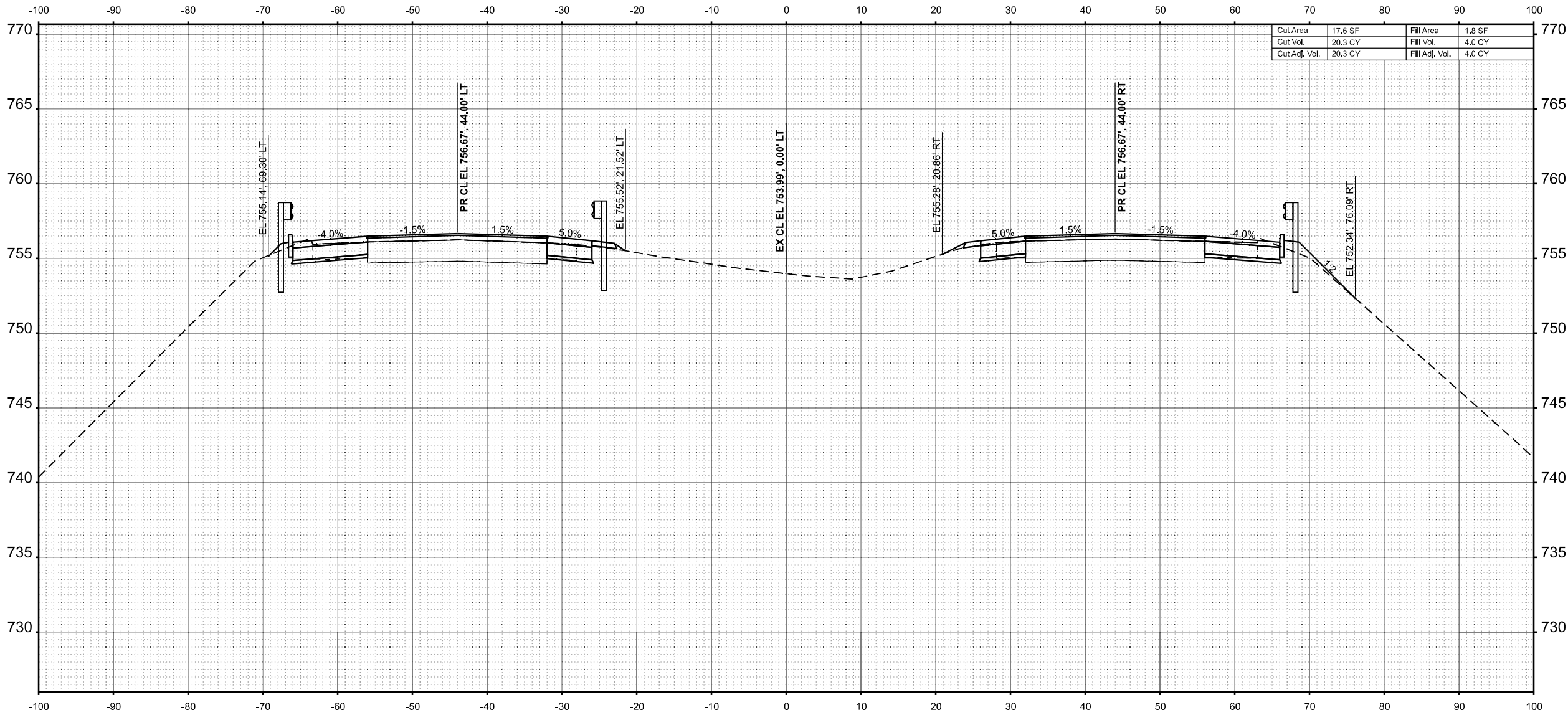
SCALE: 1/8"=1'-0" SHEET 37 OF 65 SHEETS STA. 659+50.00 TO STA. 659+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	130
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: EXCL - 660+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV Clark Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sht-2.dgn



Cut Area	17.6 SF	Fill Area	1.8 SF
Cut Vol.	20.3 CY	Fill Vol.	4.0 CY
Cut Adj. Vol.	20.3 CY	Fill Adj. Vol.	4.0 CY

STA 660+00.00



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

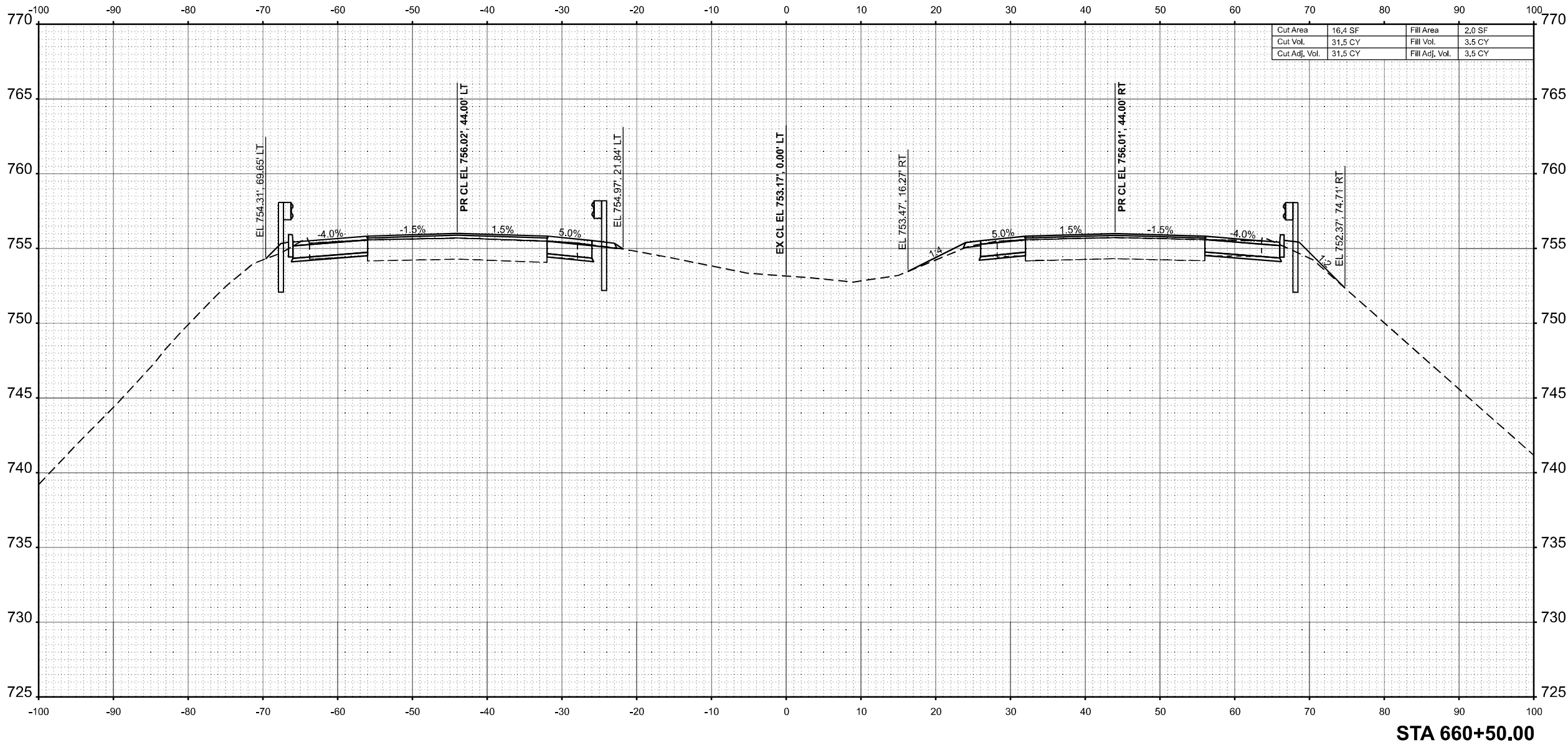
SCALE: 1/8"=1'-0" SHEET 38 OF 65 SHEETS STA. 660+00.00 TO STA. 660+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	131
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	NOTED	BY	DATE
SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

ORIGINAL SURVEY	NO.	NOTED	BY	DATE
SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

MODEL: E:\CL - 660+50.00 [Sheet]
FILE NAME: P:\6XXXX\660+50.00\660+50.00.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

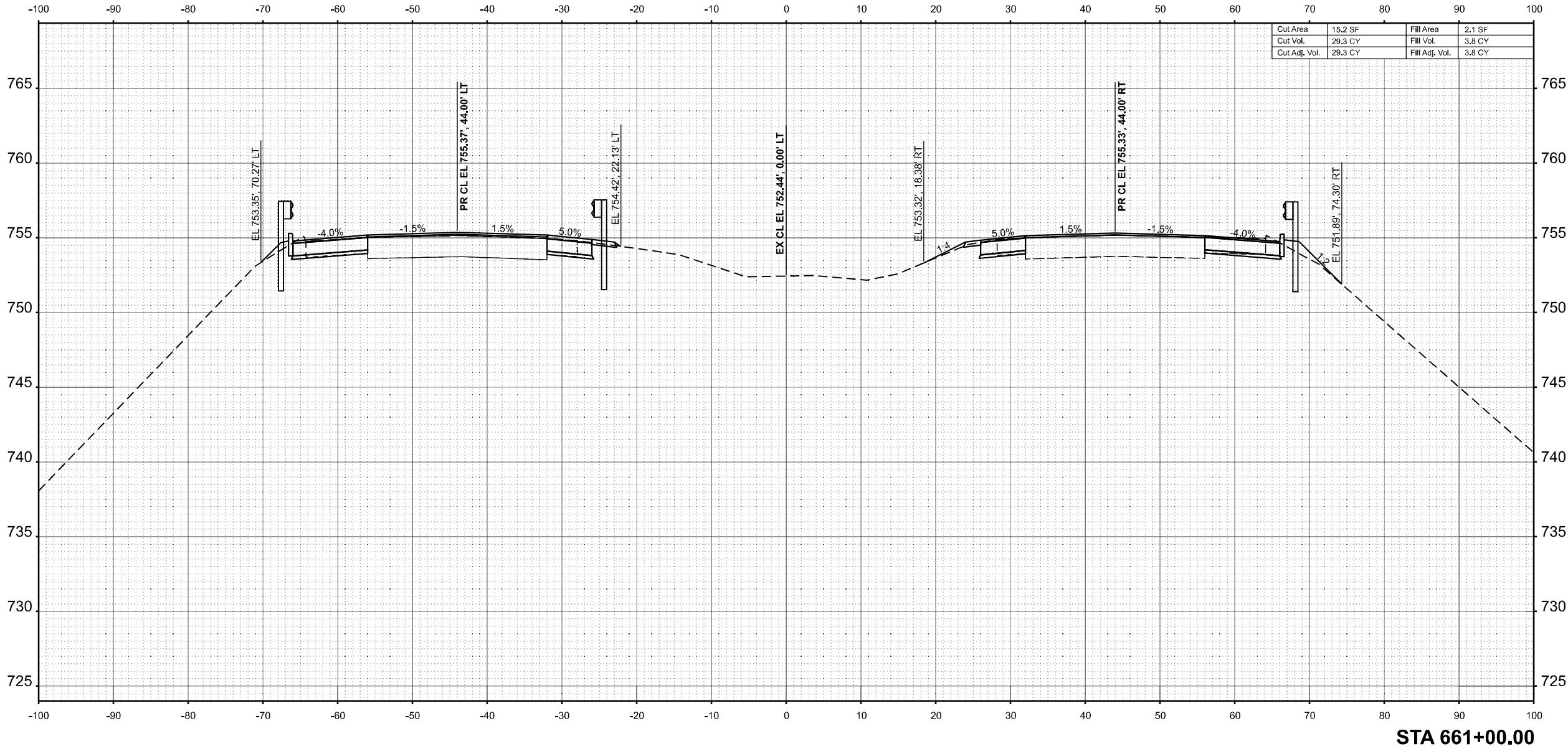
SCALE: 1/8"=1'-0" SHEET 39 OF 65 SHEETS STA. 660+50.00 TO STA. 660+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	132
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

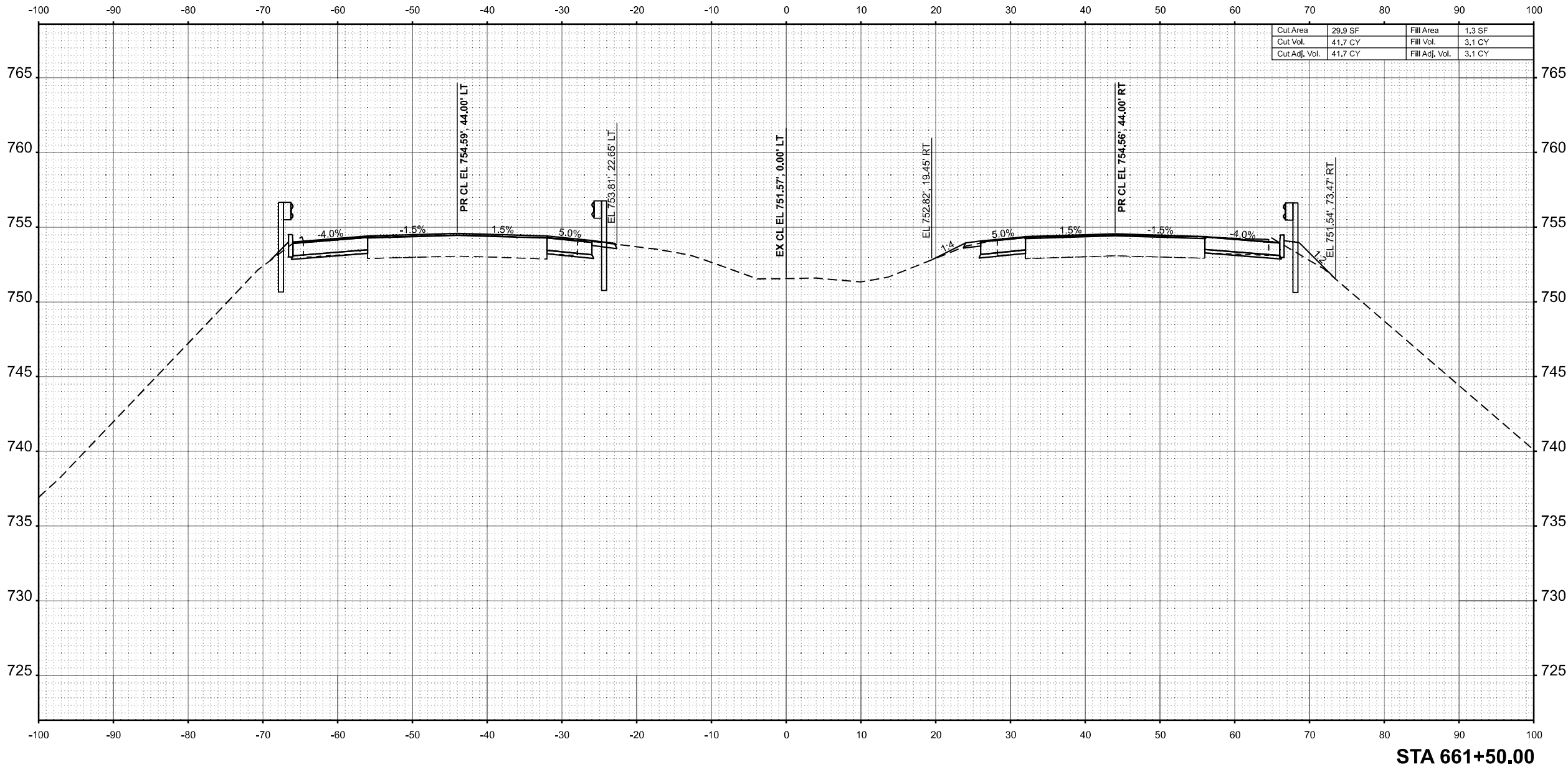
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FINAL SURVEY	NO.	NOTED	BY	DATE

ORIGINAL SURVEY	NO.	NOTED	BY	DATE

MODEL: EXCL-661+50.00 (Sheet)
FILE NAME: P:\6XXXX\661+50.00\661+50.00.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

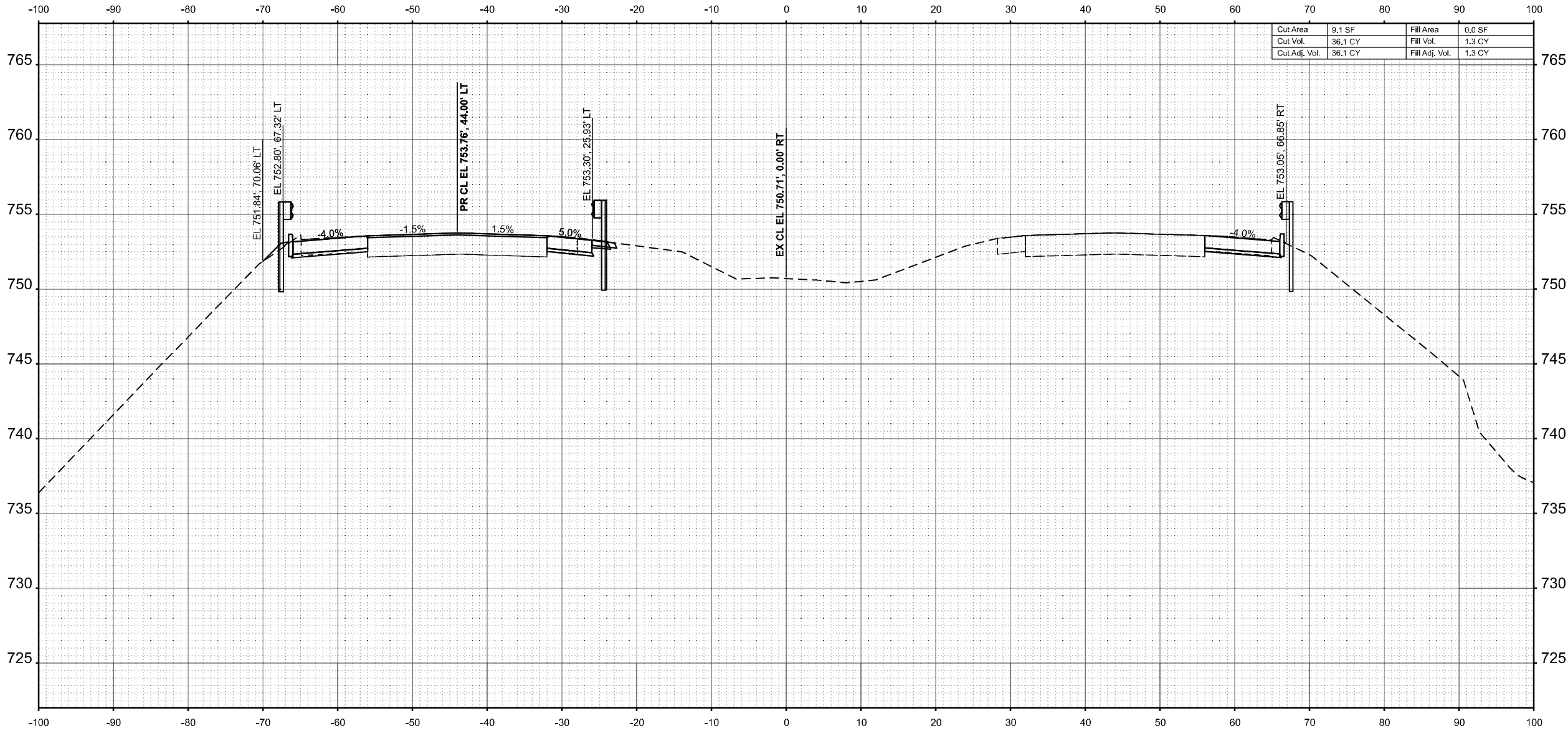
SCALE: 1/8"=1'-0" SHEET 41 OF 65 SHEETS STA. 661+50.00 TO STA. 661+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	134
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 662+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D714650-sec-sh1-2.dgn



Cut Area	9.1 SF	Fill Area	0.0 SF
Cut Vol.	36.1 CY	Fill Vol.	1.3 CY
Cut Adj. Vol.	36.1 CY	Fill Adj. Vol.	1.3 CY

STA 662+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

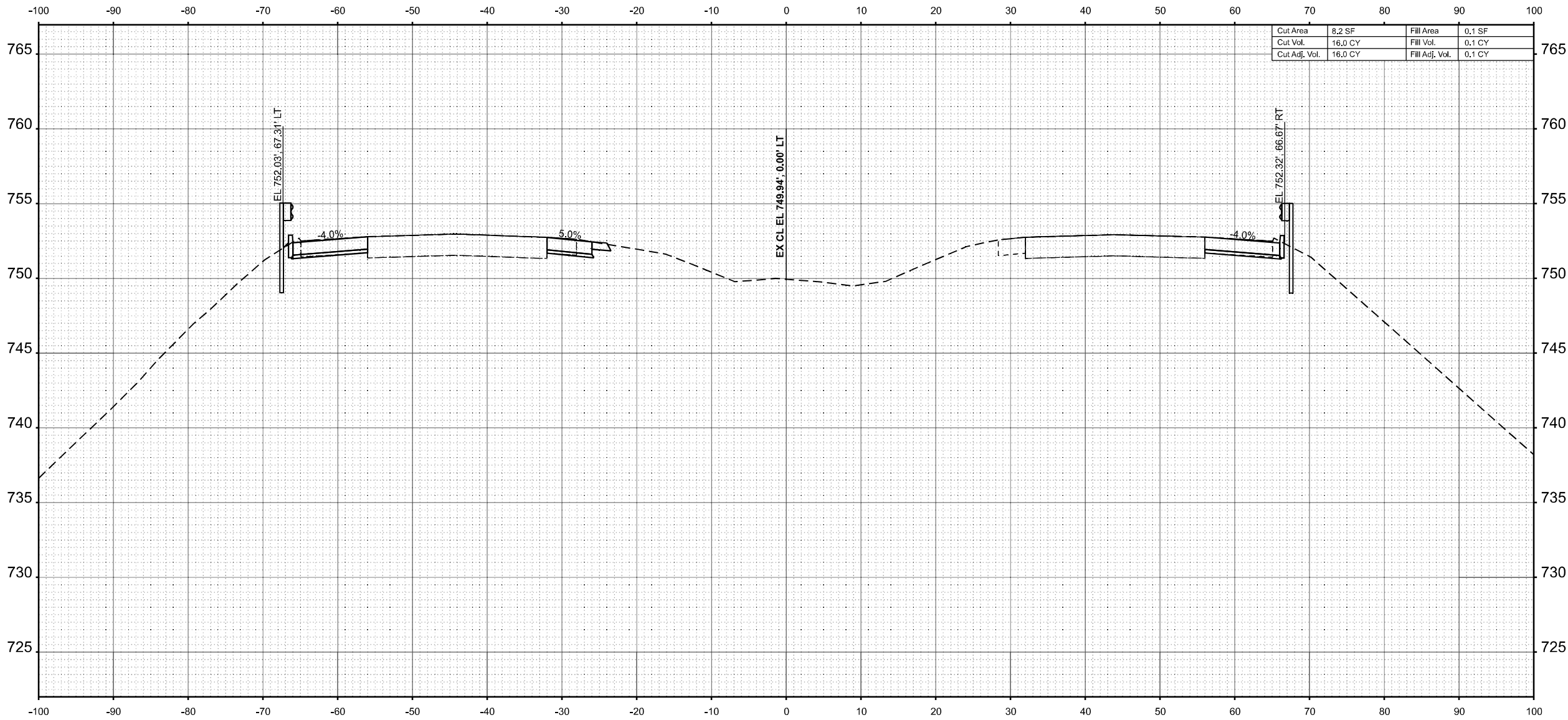
SCALE: 1/8"=1'-0" SHEET 42 OF 65 SHEETS STA. 662+00.00 TO STA. 662+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	135
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	NOTED	BY	DATE

ORIGINAL SURVEY	NO.	NOTED	BY	DATE

MODEL: EXCL - 662+50.00 (Sheet)
FILE NAME: P:\6XXXX\644\65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-2.dgn



Cut Area	8.2 SF	Fill Area	0.1 SF
Cut Vol.	16.0 CY	Fill Vol.	0.1 CY
Cut Adj. Vol.	16.0 CY	Fill Adj. Vol.	0.1 CY

STA 662+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

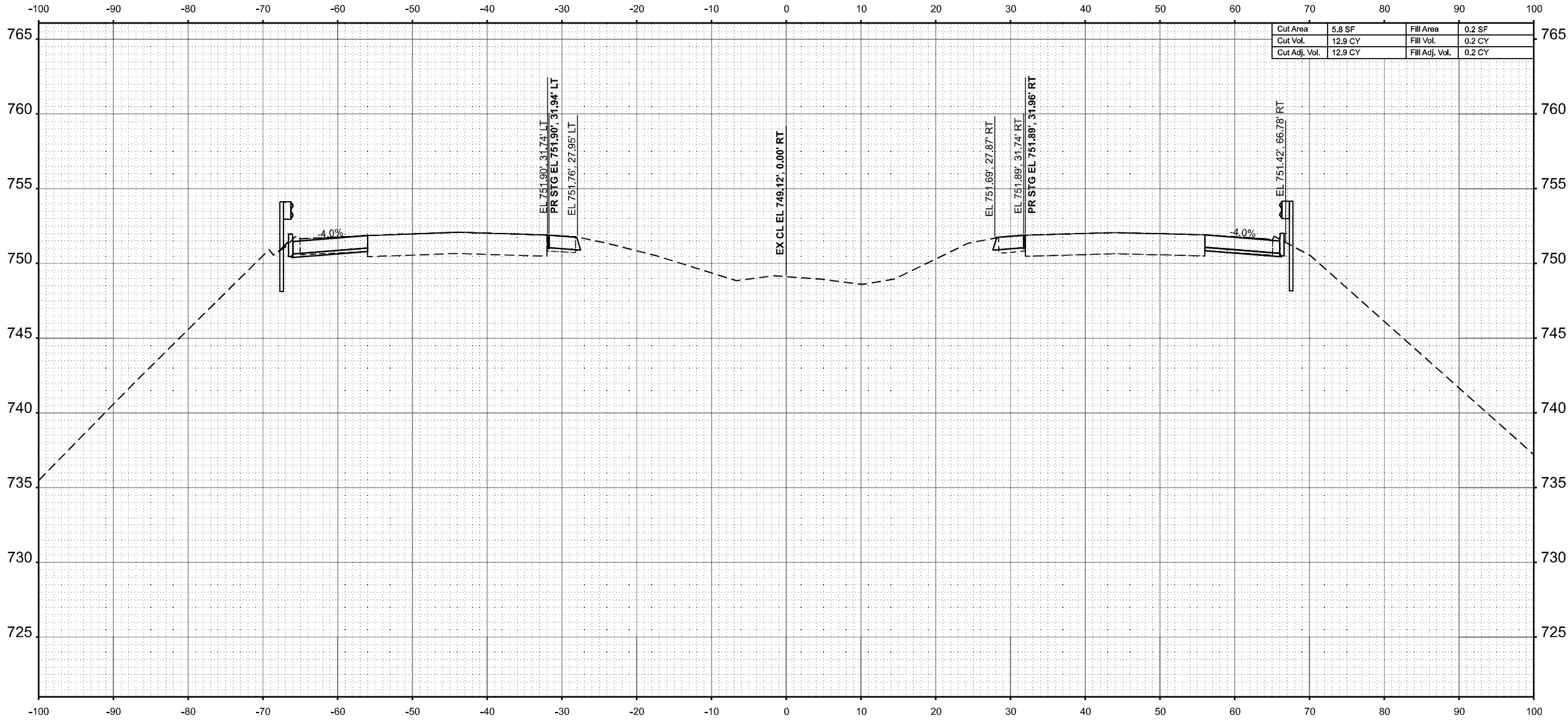
SCALE: 1/8"=1'-0" SHEET 43 OF 65 SHEETS STA. 662+50.00 TO STA. 662+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	136
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 663+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-2.dgn



Cut Area	5.8 SF	Fill Area	0.2 SF
Cut Vol.	12.9 CY	Fill Vol.	0.2 CY
Cut Adj. Vol.	12.9 CY	Fill Adj. Vol.	0.2 CY

STA 663+00.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

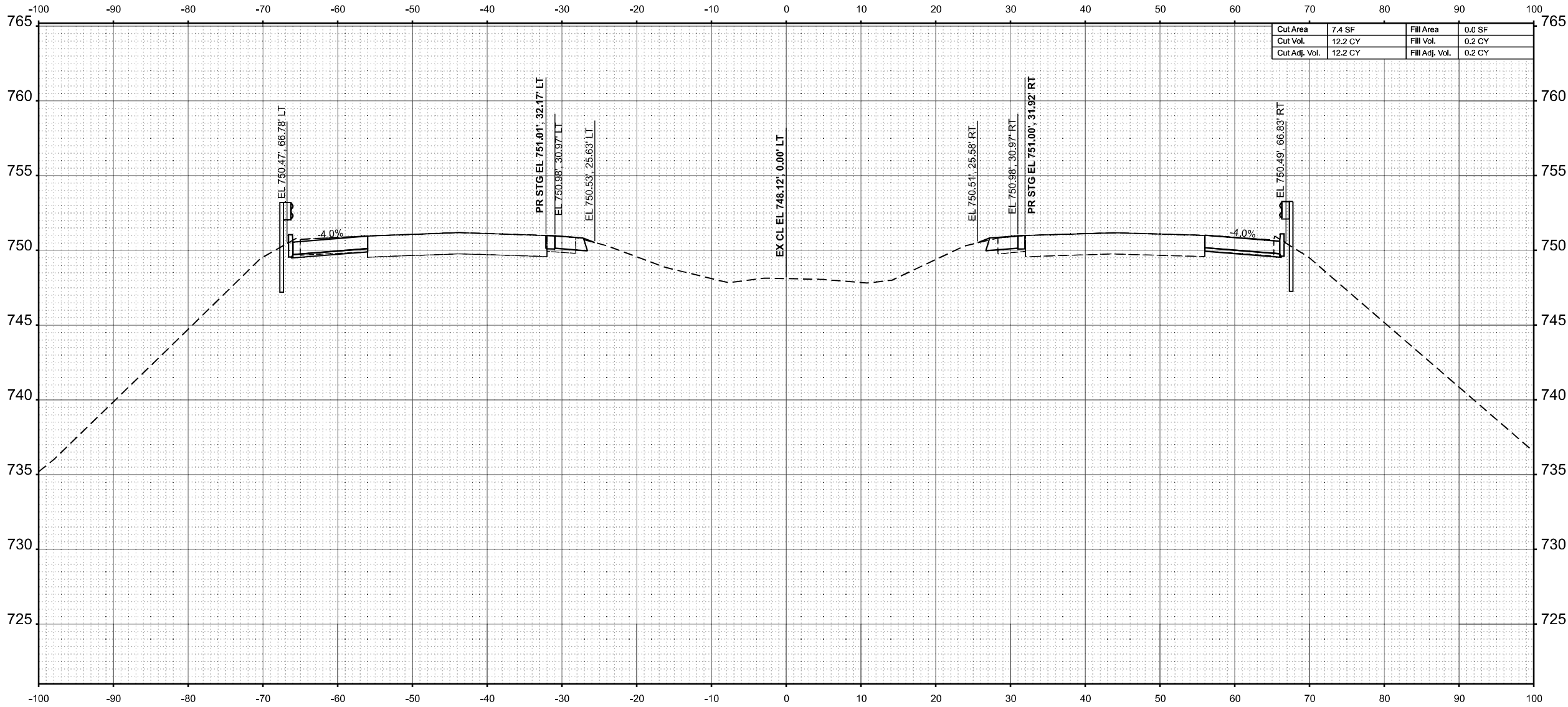
SCALE: 1/8"=1'-0" SHEET 44 OF 65 SHEETS STA. 663+00.00 TO STA. 663+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	137
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	CHECKED		

MODEL: EXCL - 663+50.00 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D714650-sec-sht-2.dgn



Cut Area	7.4 SF	Fill Area	0.0 SF
Cut Vol.	12.2 CY	Fill Vol.	0.2 CY
Cut Adj. Vol.	12.2 CY	Fill Adj. Vol.	0.2 CY

STA 663+50.00



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

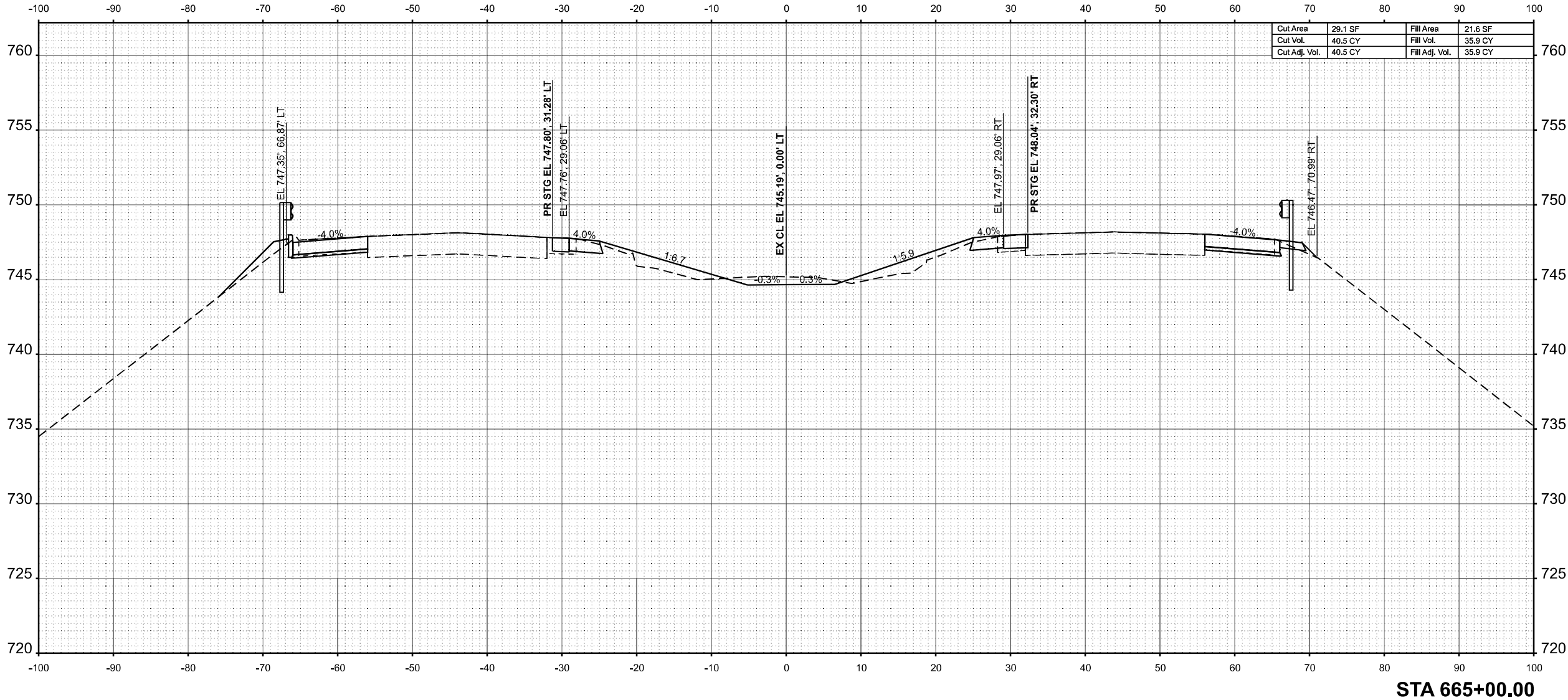
SCALE: 1/8"=1'-0" SHEET 45 OF 65 SHEETS STA. 663+50.00 TO STA. 663+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	138
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 665+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX-65XX\6424 - IDOT PTB 208-036 D7 VV Clark Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-2.dgn



Cut Area	29.1 SF	Fill Area	21.6 SF
Cut Vol.	40.5 CY	Fill Vol.	35.9 CY
Cut Adj. Vol.	40.5 CY	Fill Adj. Vol.	35.9 CY



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

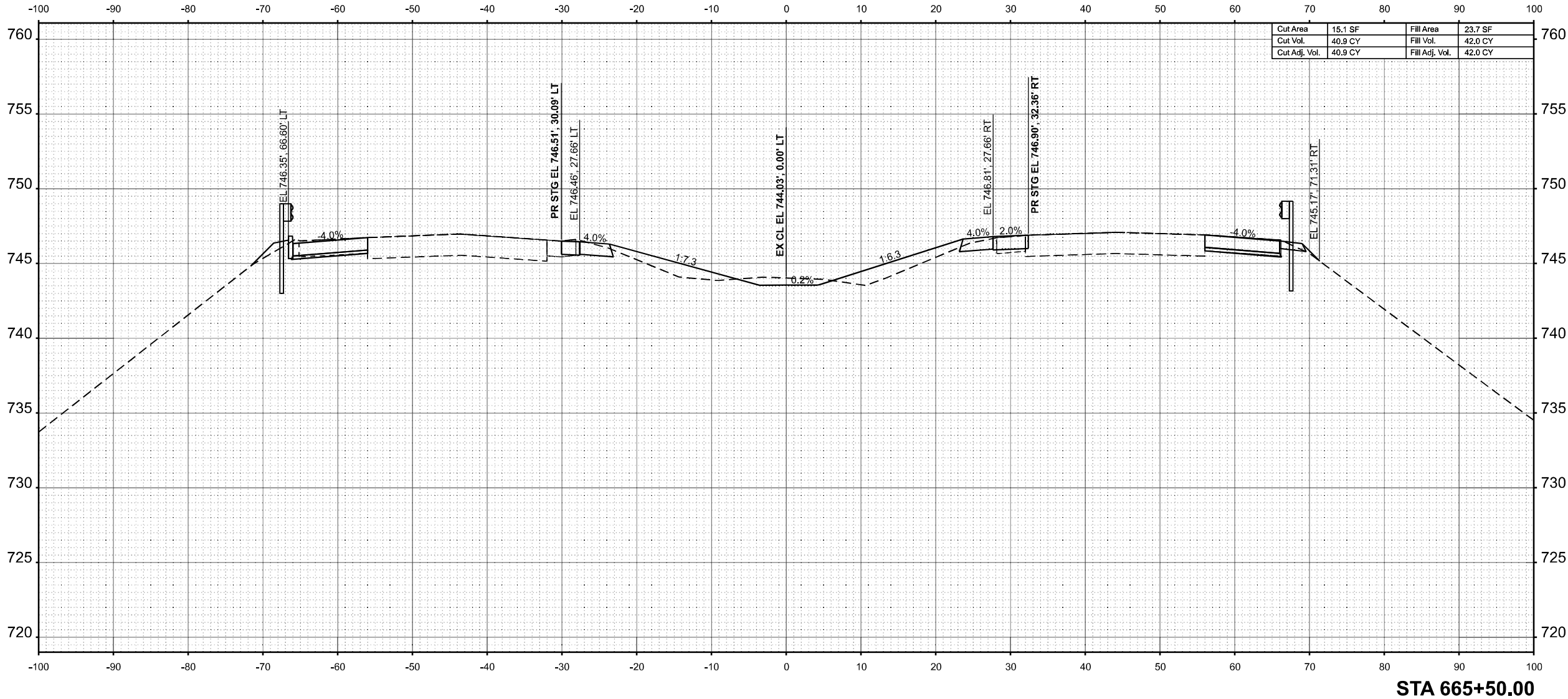
SCALE: 1/8"=1'-0" SHEET 48 OF 65 SHEETS STA. 665+00.00 TO STA. 665+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	141
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL - 665+50.00 (Sheet)
FILE NAME: P:\6XXXX\44-XX-65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sht-2.dgn





CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

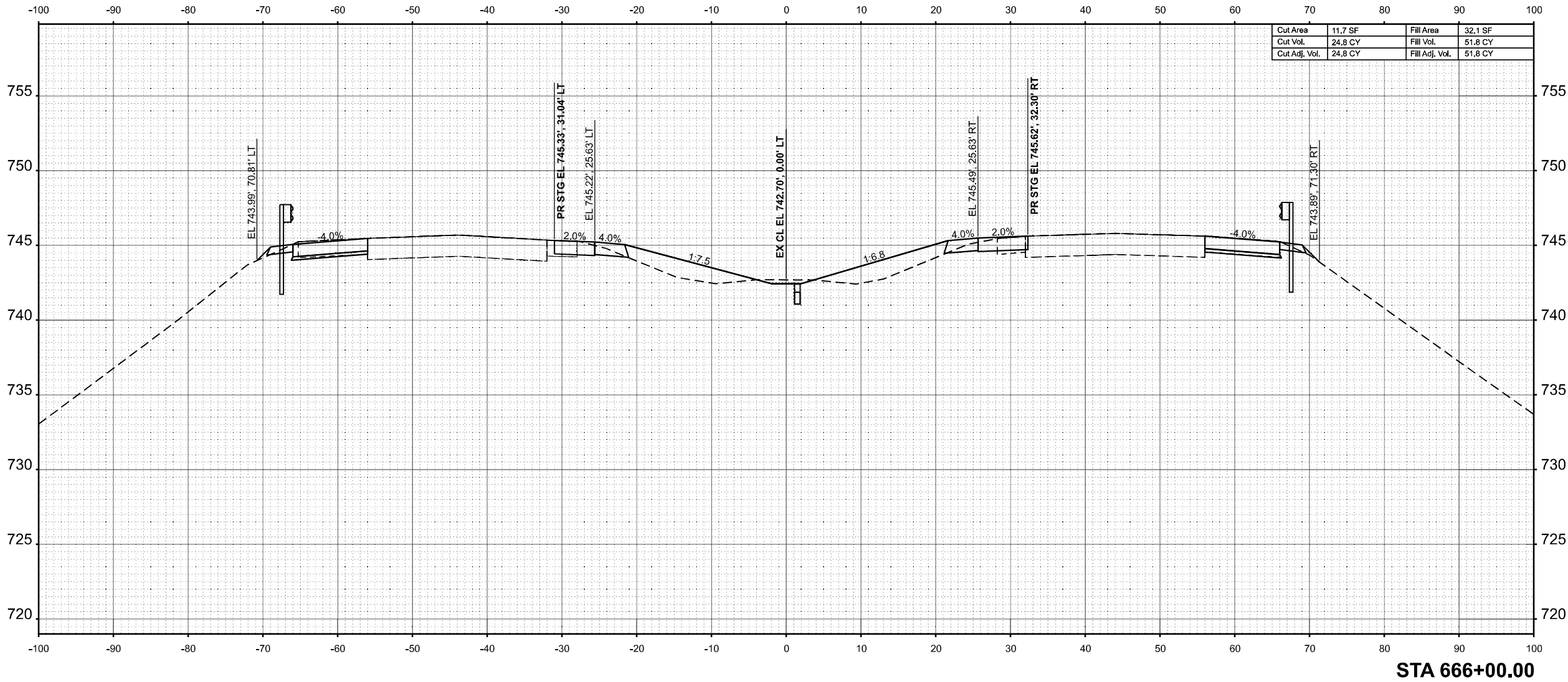
SCALE: 1/8"=1'-0" SHEET 49 OF 65 SHEETS STA. 665+50.00 TO STA. 665+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	142
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

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

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

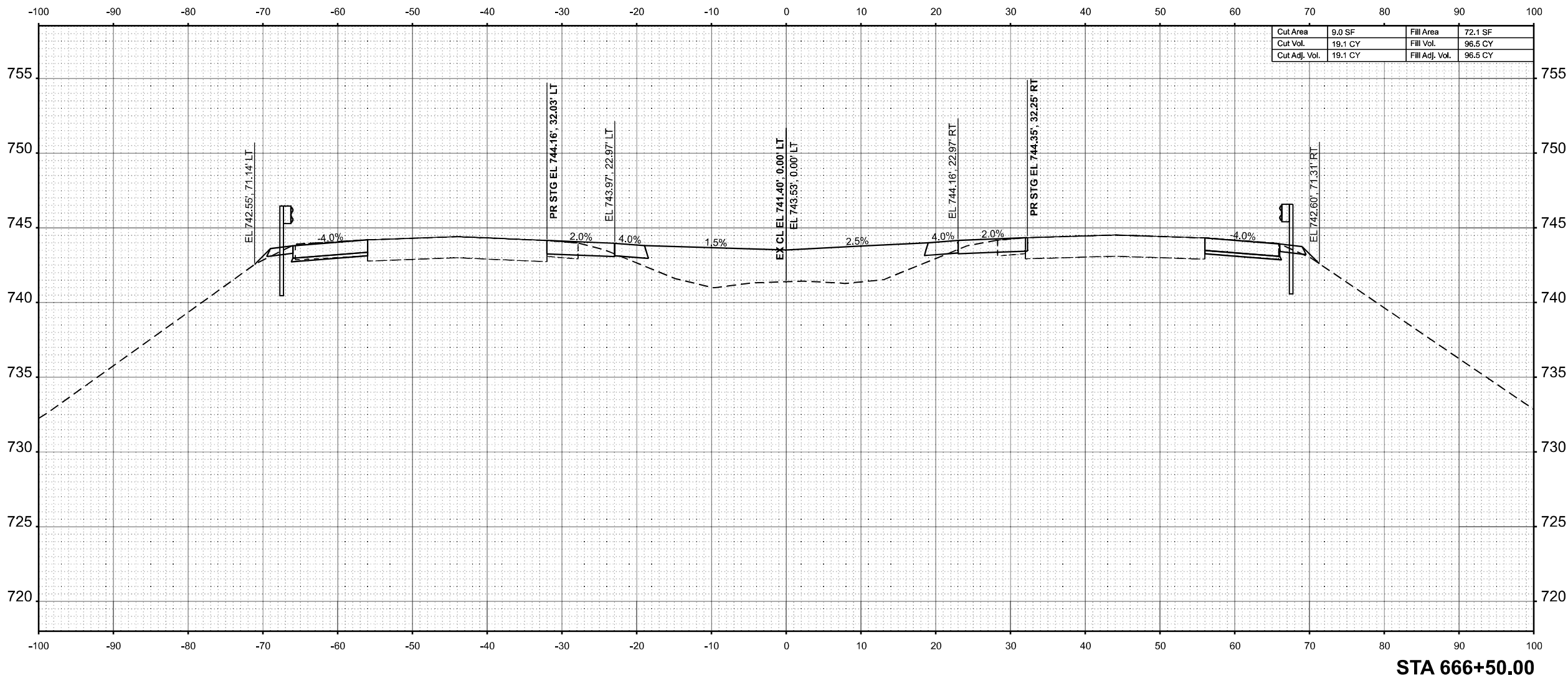
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS		
	AREAS CHECKED		

MODEL: EXCL - 666+50.00 (Sheet)
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CIVIL DESIGN, INC.
WBE | DBE
EFFINGHAM, IL
LICENSE #184.003222

USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

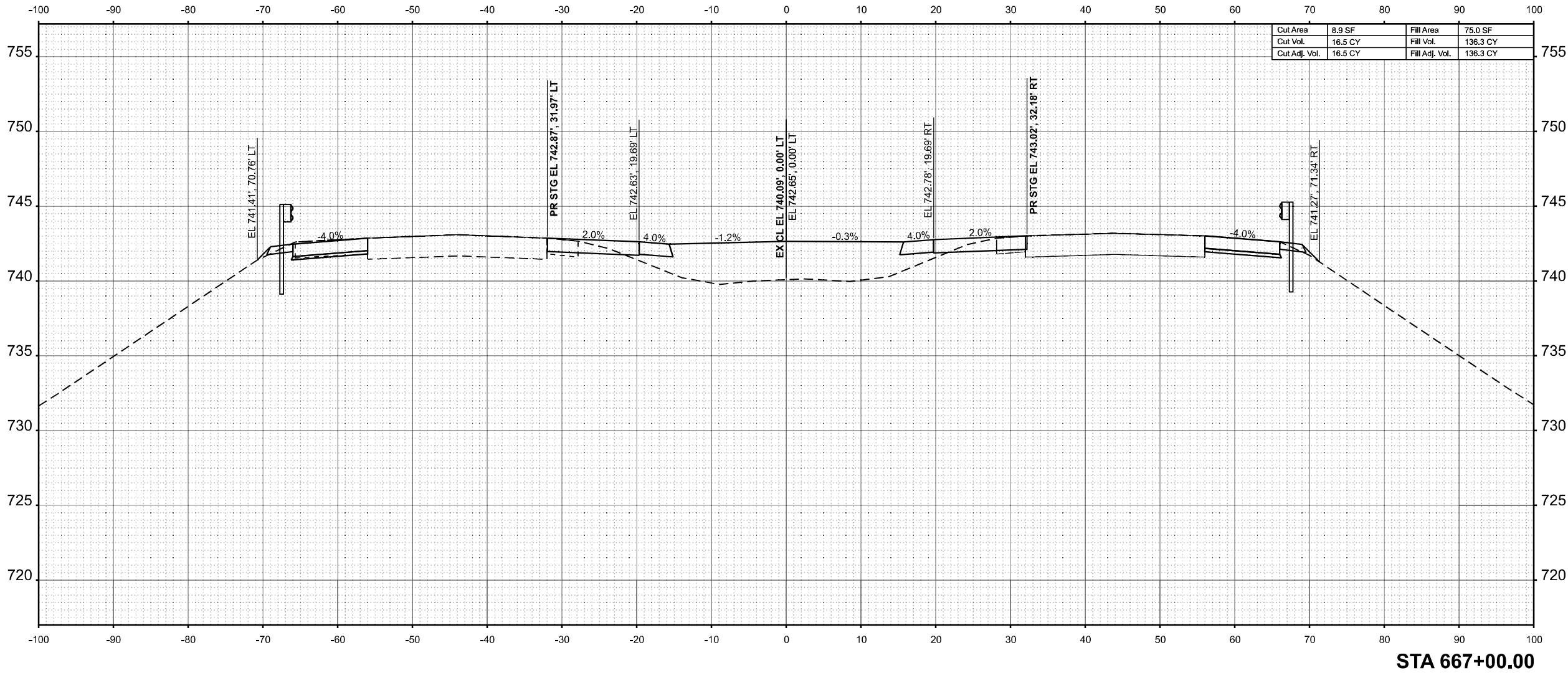
SCALE: 1/8"=1'-0" SHEET 51 OF 65 SHEETS STA. 666+50.00 TO STA. 666+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	144
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: EXCL-667+00.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sh1+2.dgn



Cut Area	8.9 SF	Fill Area	75.0 SF
Cut Vol.	16.5 CY	Fill Vol.	136.3 CY
Cut Adj. Vol.	16.5 CY	Fill Adj. Vol.	136.3 CY



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

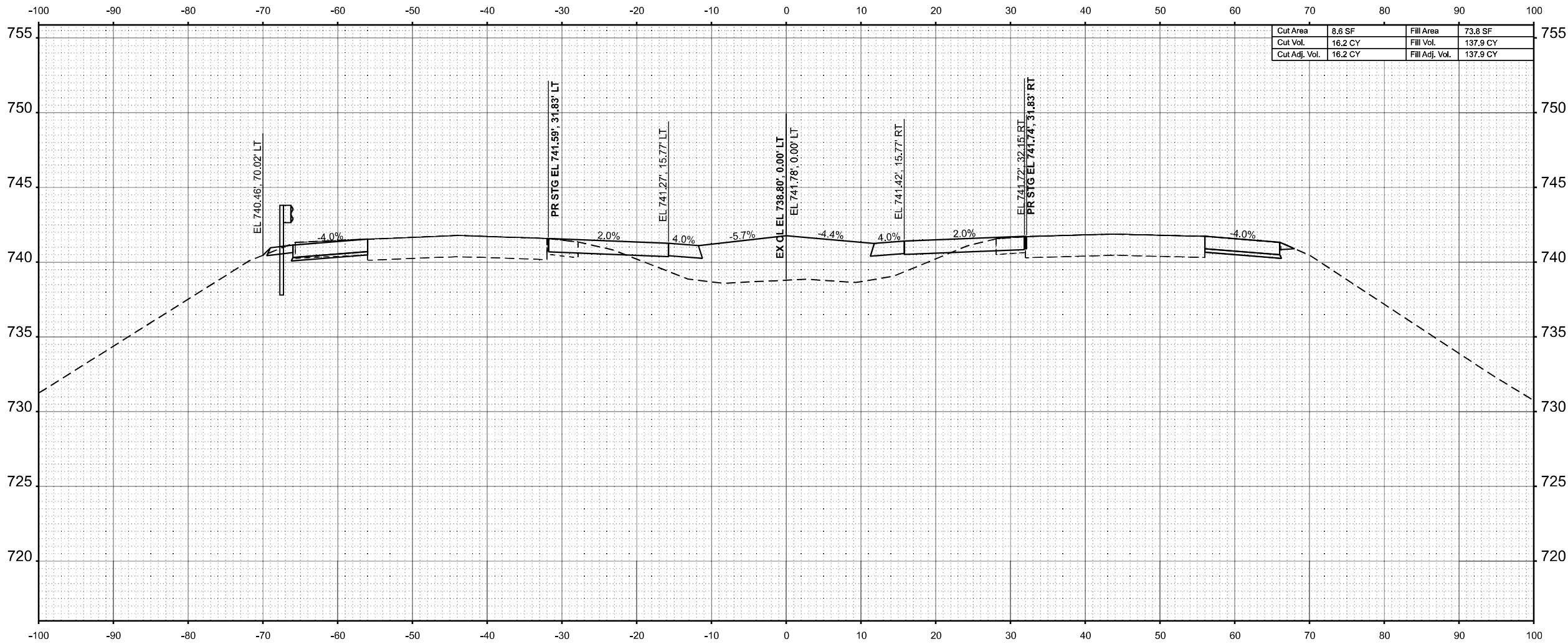
SCALE: 1/8"=1'-0" SHEET 52 OF 65 SHEETS STA. 667+00.00 TO STA. 667+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	145
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: E:\CL-667+50.00 (Sheet)
FILE NAME: P:\6XXXX\667+50.00\667+50.00.dgn



Cut Area	8.8 SF	Fill Area	73.8 SF
Cut Vol.	16.2 CY	Fill Vol.	137.9 CY
Cut Adj. Vol.	16.2 CY	Fill Adj. Vol.	137.9 CY

STA 667+50.00



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 53 OF 65 SHEETS STA. 667+50.00 TO STA. 667+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	146
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	NOTED BOOK	NO.	BY	DATE

ORIGINAL SURVEY	NO.	NOTED BOOK	NO.	BY	DATE

MODEL: EXCL - 668+00.00 (Sheet)
FILE NAME: P:\6XXXX\668+00.00 (Sheet) - IDOT PTB 208-036 D7 VV - Clark Dietz\Work Order 2\CADD Data\Sheets\774650-sec-sh1-2.dgn



CIVIL DESIGN, INC.
WBE / DBE
EFFINGHAM, IL
LICENSE #184.003222

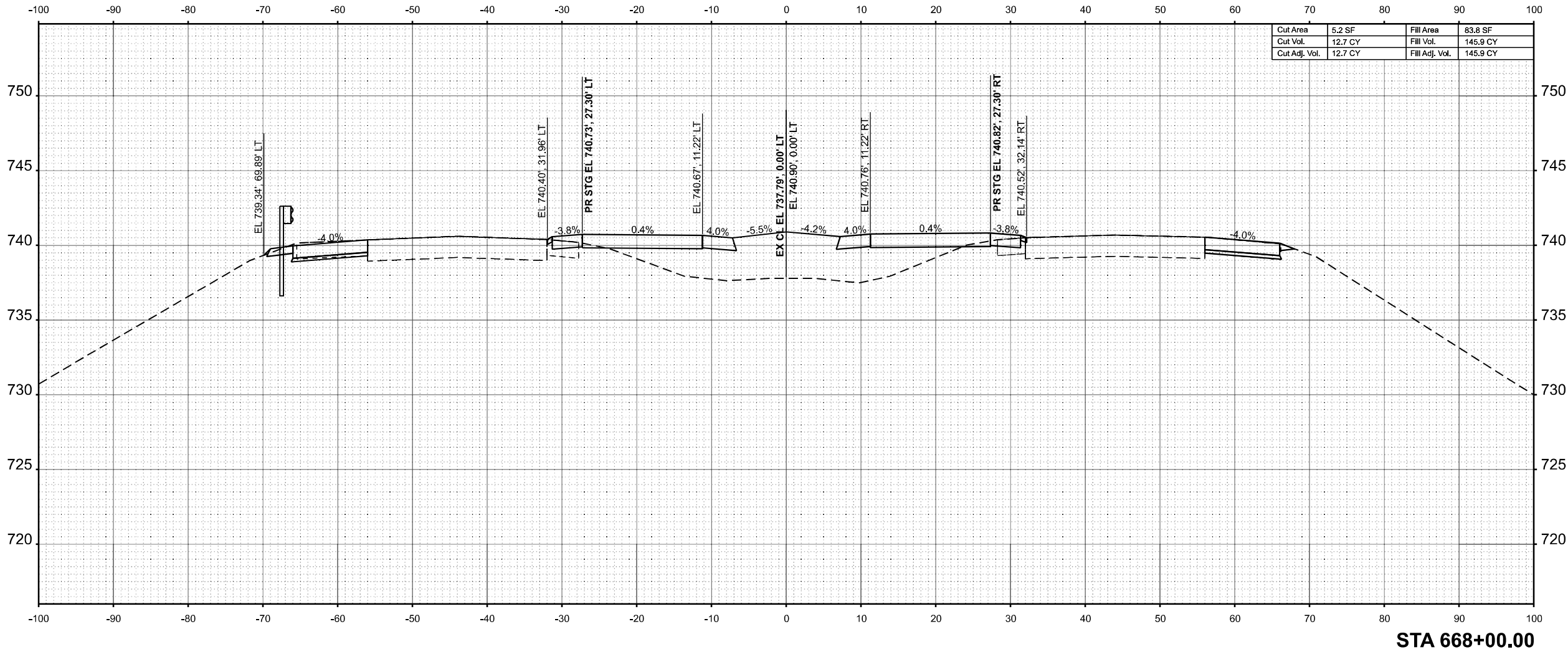
USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 54 OF 65 SHEETS STA. 668+00.00 TO STA. 668+00.00

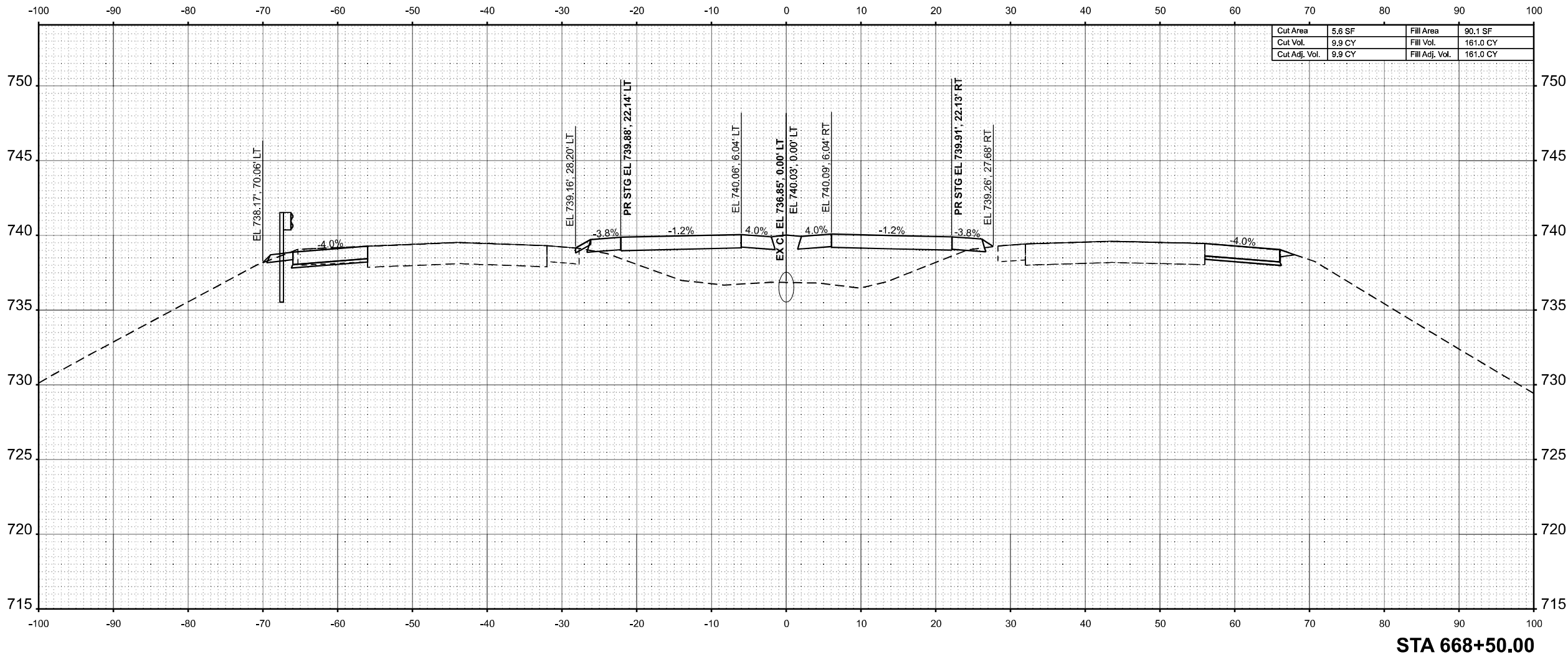
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	147
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

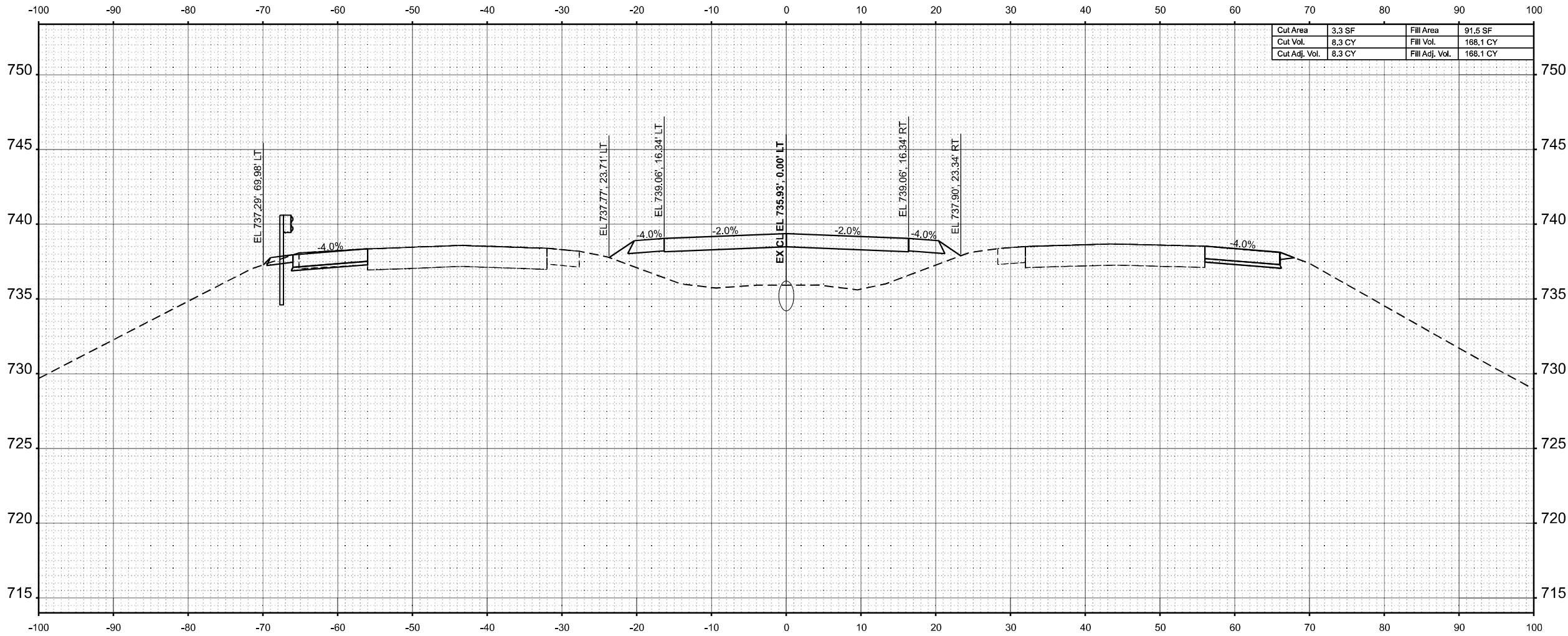
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FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: E:\CL-669\00.00 (Sheet)
FILE NAME: P:\6XXXX\44\55\424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D714650-sec-sh1-2.dgn



Cut Area	3.3 SF	Fill Area	91.6 SF
Cut Vol.	8.3 CY	Fill Vol.	168.1 CY
Cut Adj. Vol.	8.3 CY	Fill Adj. Vol.	168.1 CY

STA 669+00.00



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

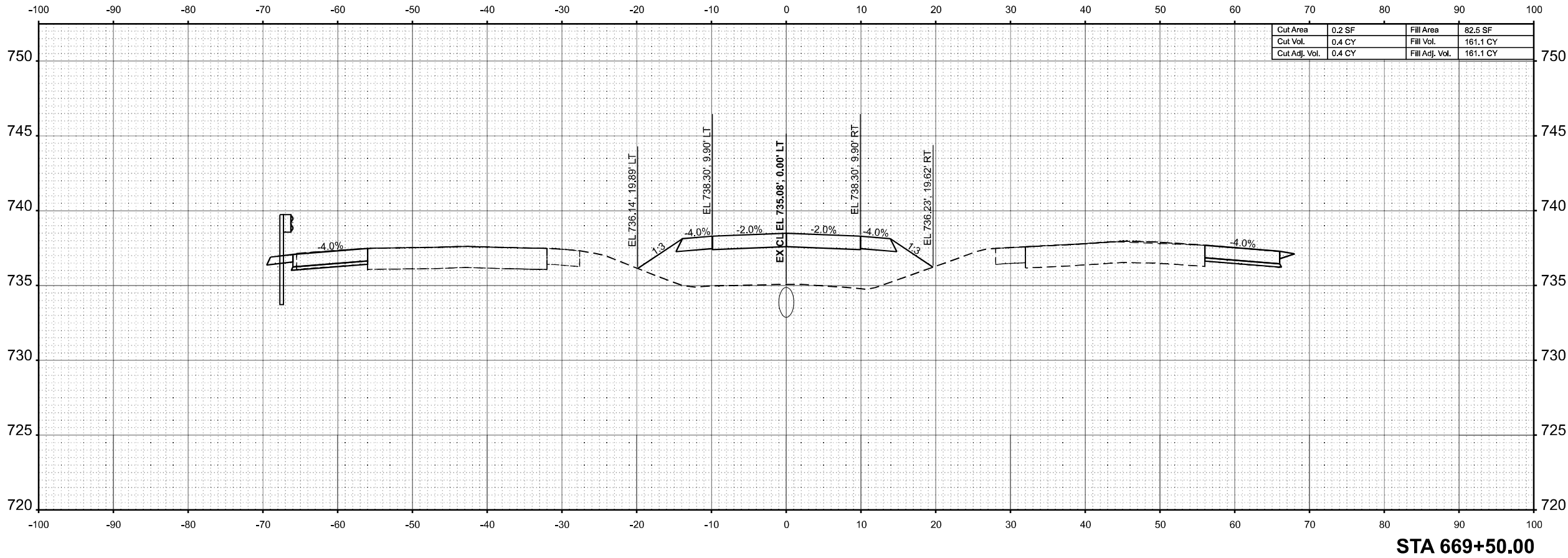
SCALE: 1/8"=1'-0" SHEET 56 OF 65 SHEETS STA. 669+00.00 TO STA. 669+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	149
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED	BY	DATE

MODEL: EXCL - 669+50.00 (Sheet)
FILE NAME: P:\6XXXX\44XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Dietz\Work Order 2\CADD Data\Sheets\D774650-sec-sh1-2.dgn



Cut Area	0.2 SF	Fill Area	82.5 SF
Cut Vol.	0.4 CY	Fill Vol.	161.1 CY
Cut Adj. Vol.	0.4 CY	Fill Adj. Vol.	161.1 CY



USER NAME = SBales	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 57 OF 65 SHEETS STA. 669+50.00 TO STA. 669+50.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	150
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
NOTE BOOK NO.			

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
NOTE BOOK NO.			

MODEL: EXCL - 669+63.33 (Sheet)
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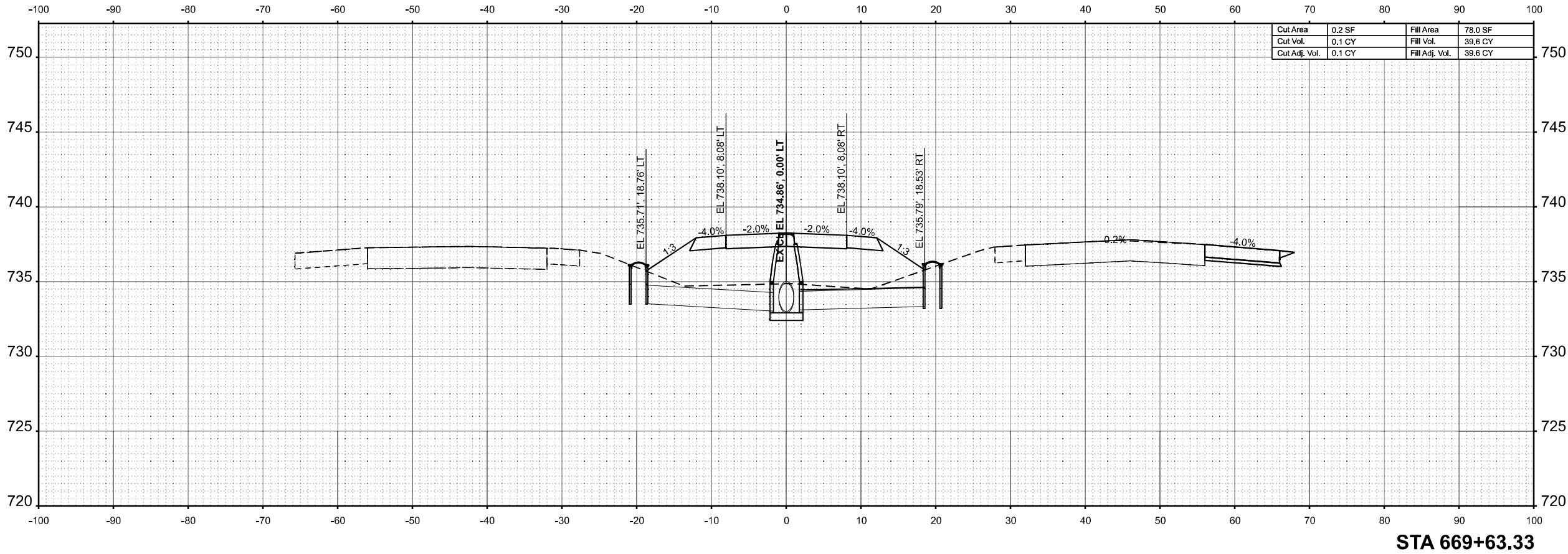
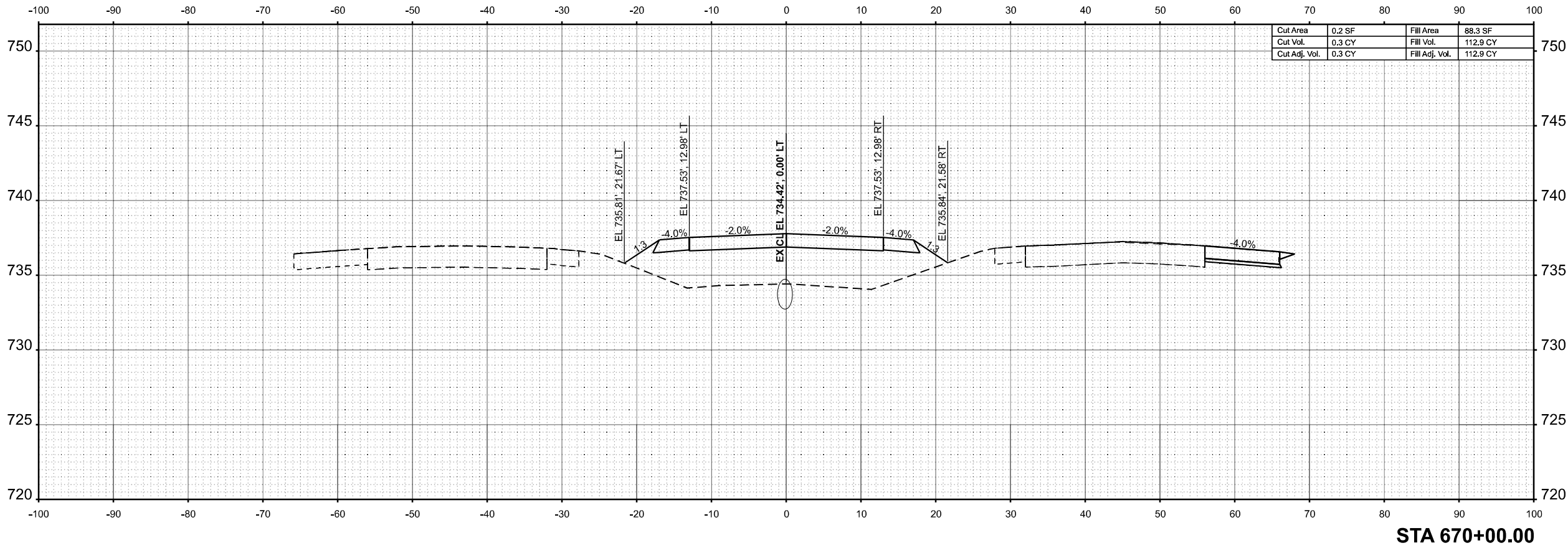
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

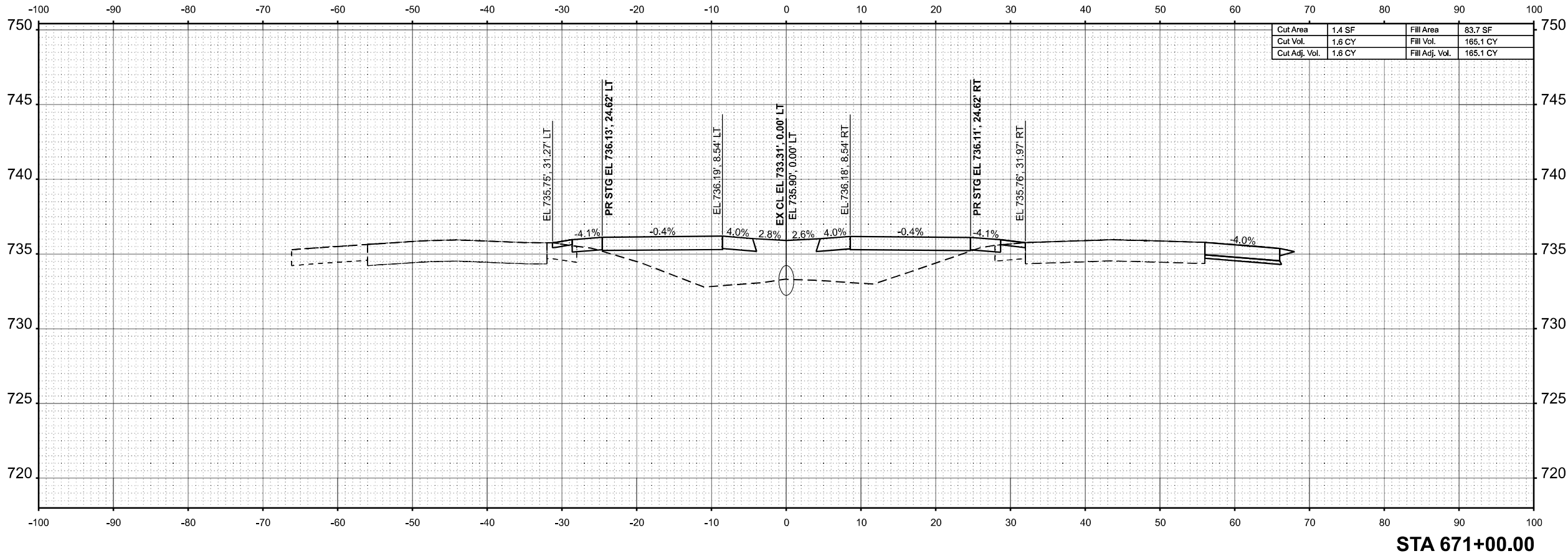
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 58 OF 65 SHEETS STA. 669+63.33 TO STA. 670+00.00

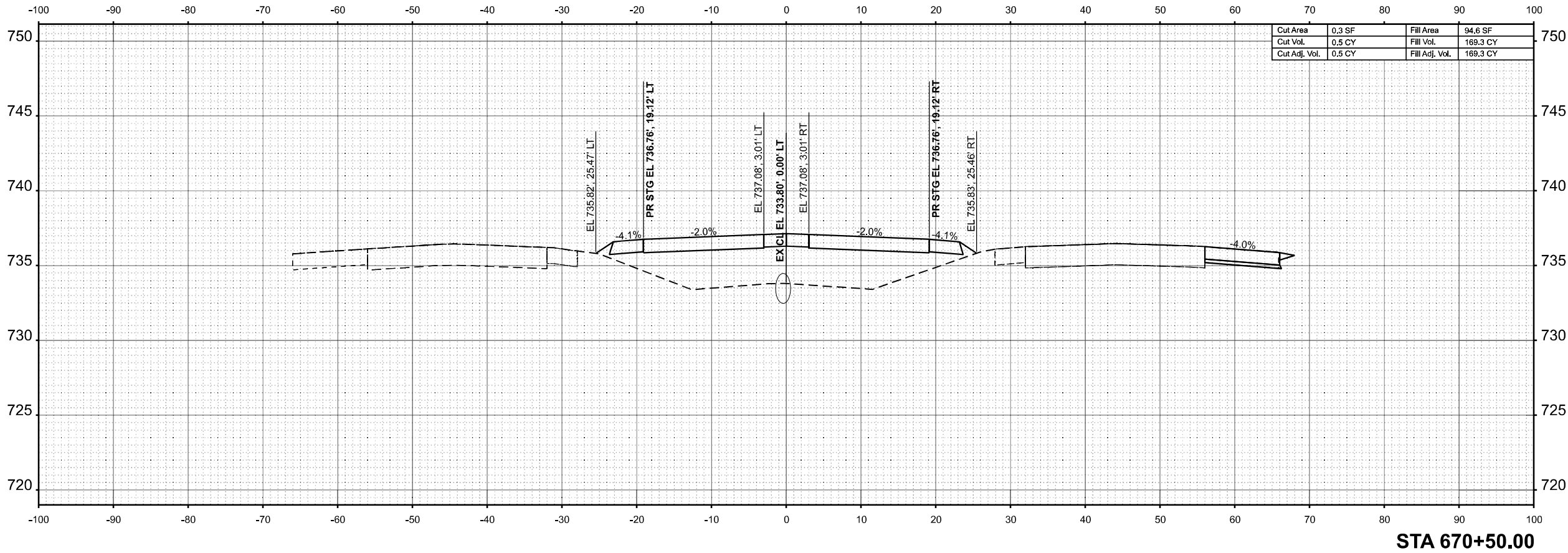
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	151
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



MODEL: EXCL - 670+50.00 (Sheet)
FILE NAME: P:\6XXXX\670+50.00\670+50.00.dgn

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL-671+50.00 (Sheet)
FILE NAME: P:\6XXXX\64XX65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-sec-sht-2.dgn



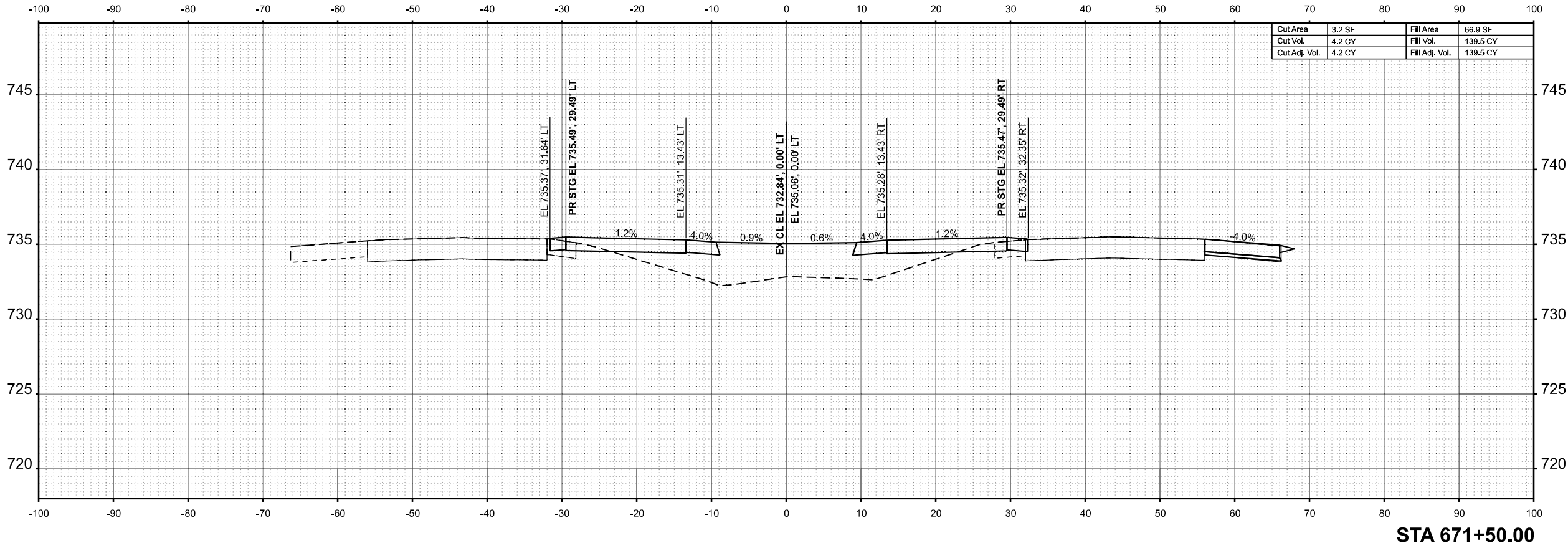
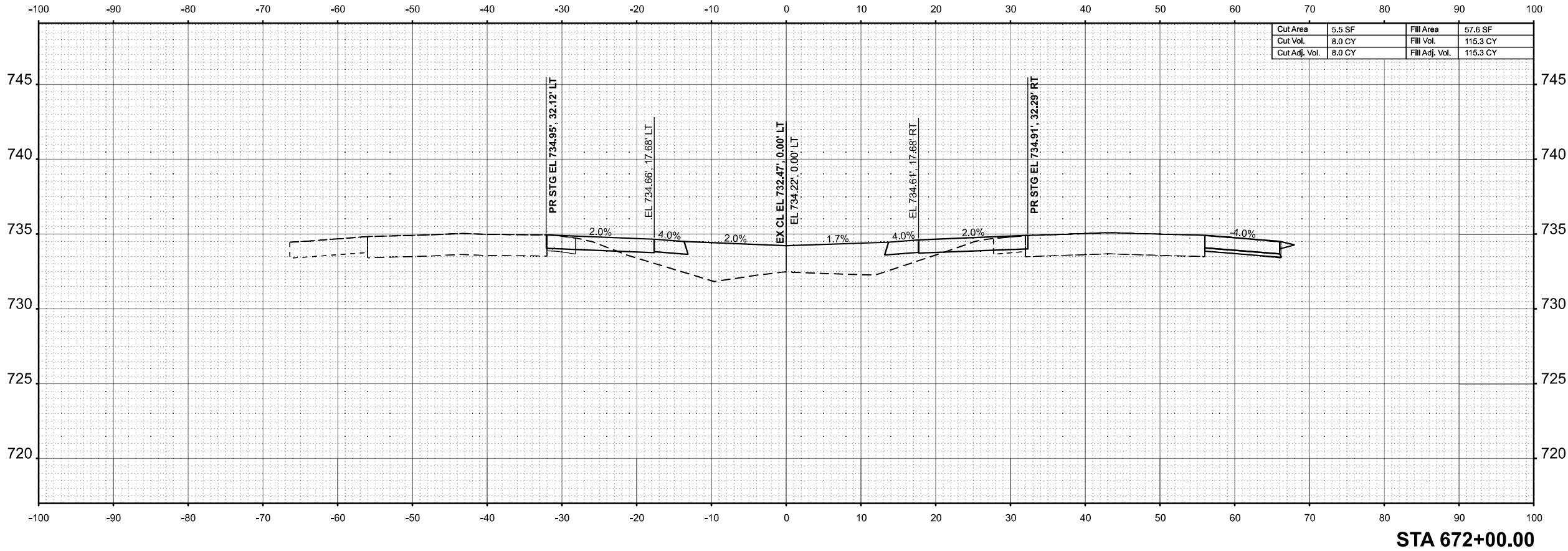
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		CHECKED -	REVISED -
PLOT DATE =	8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

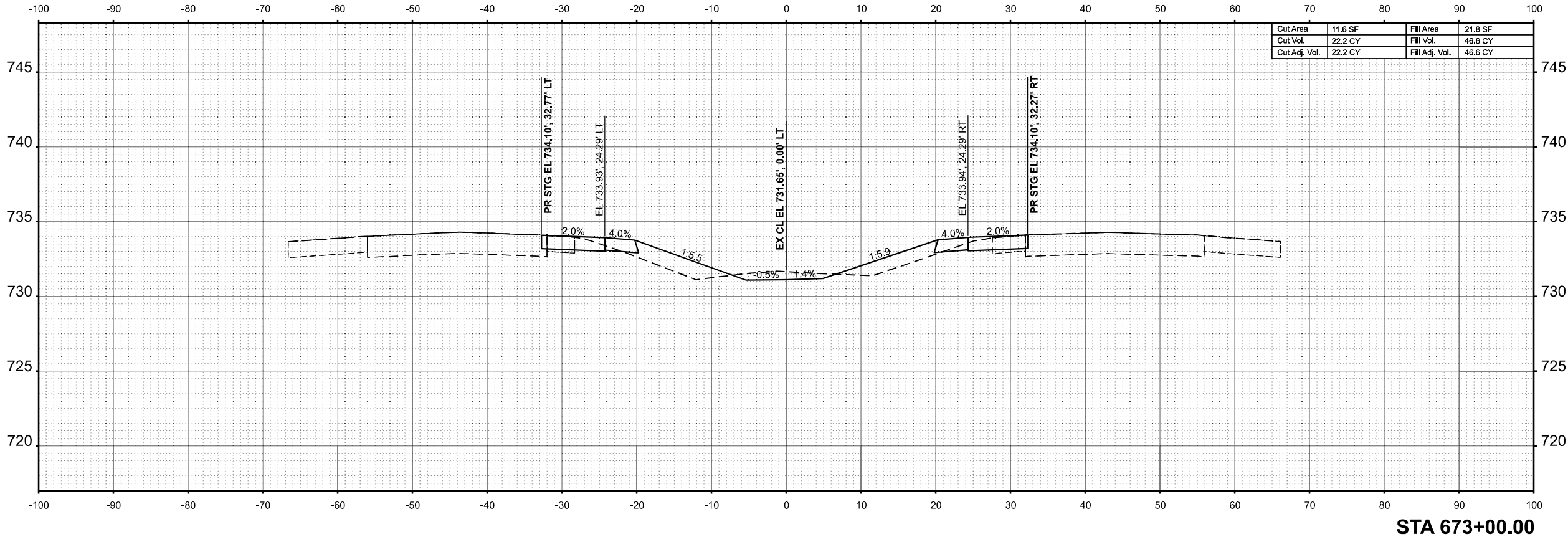
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 60 OF 65 SHEETS STA. 671+50.00 TO STA. 672+00.00

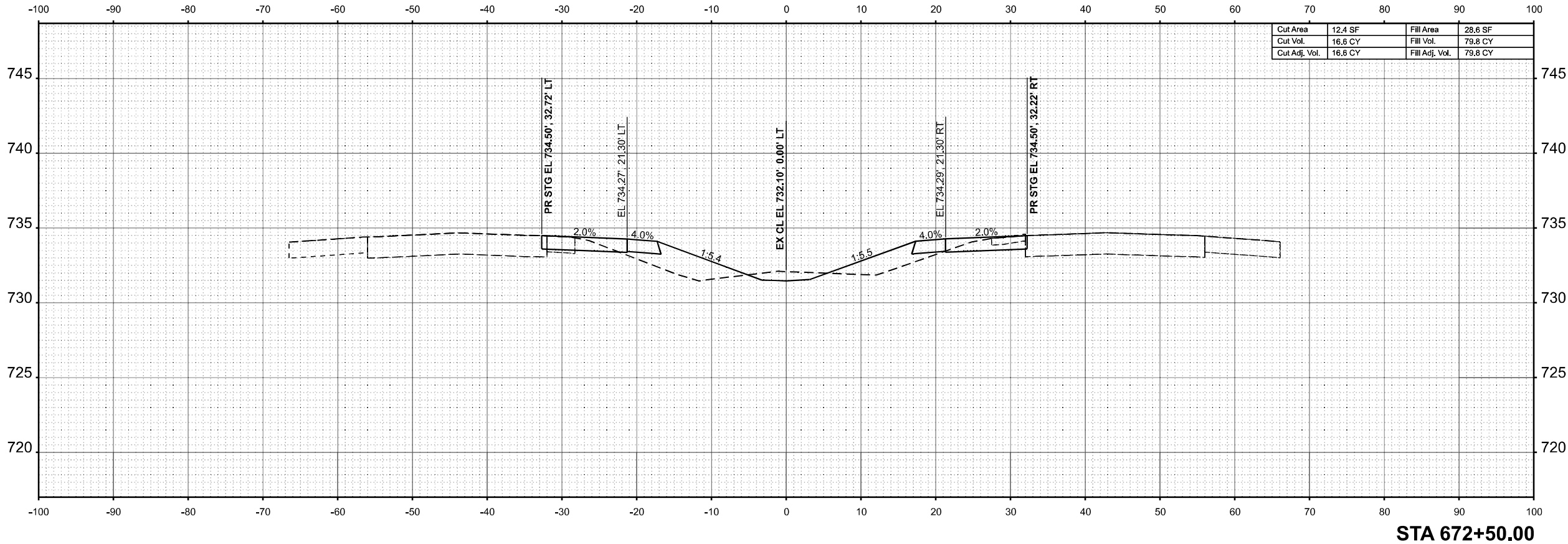
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	153
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



MODEL: EXCL-672+50.00 (Sheet)
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USER NAME	= SBales	DESIGNED	-	REVISED	-
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		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 61 OF 65 SHEETS STA. 672+50.00 TO STA. 673+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	154
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL-673+50.00 (Sheet)
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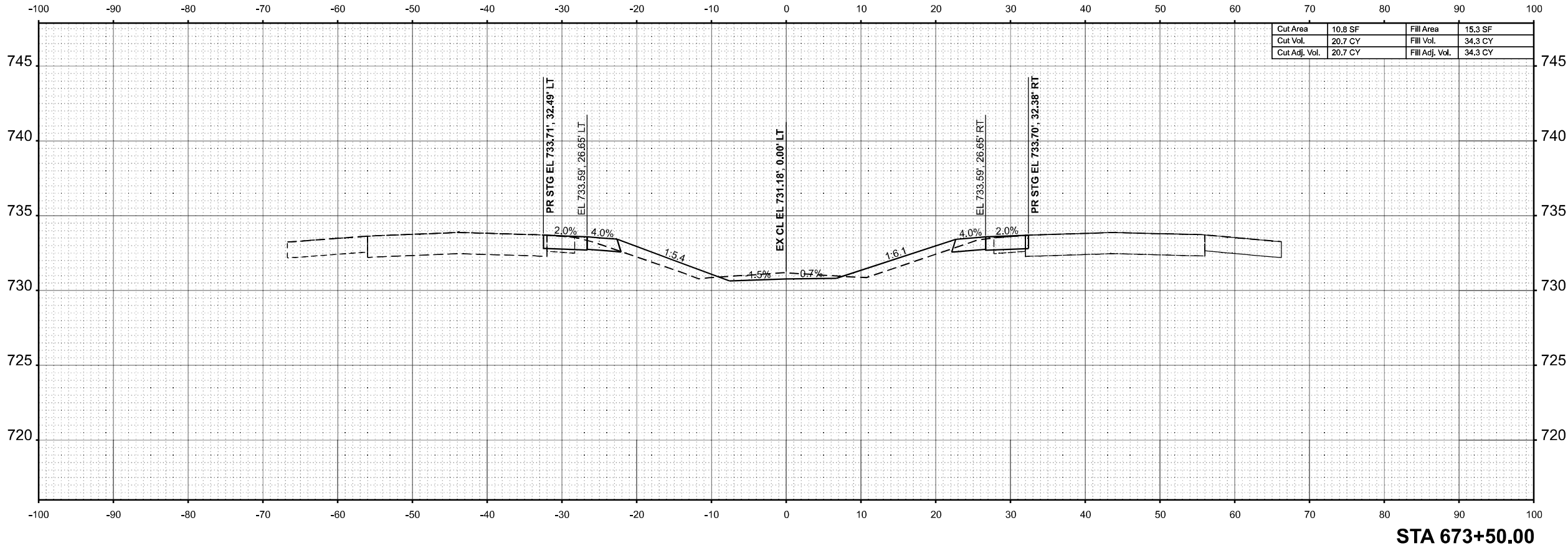
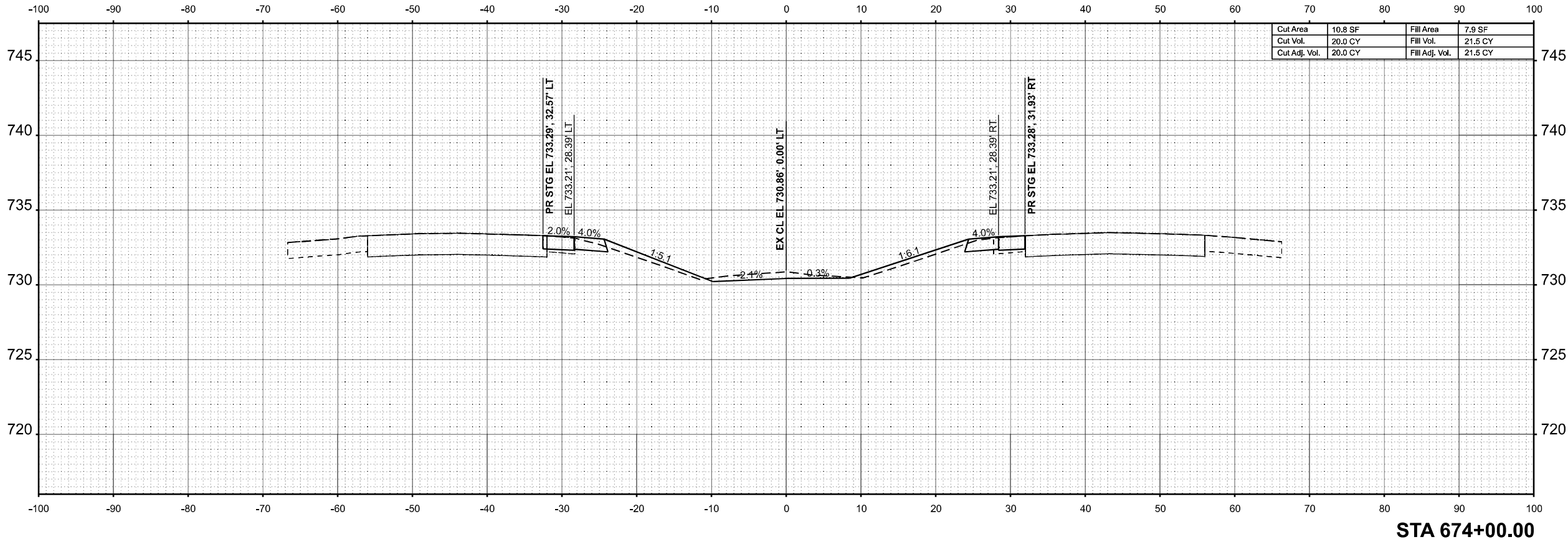
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PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

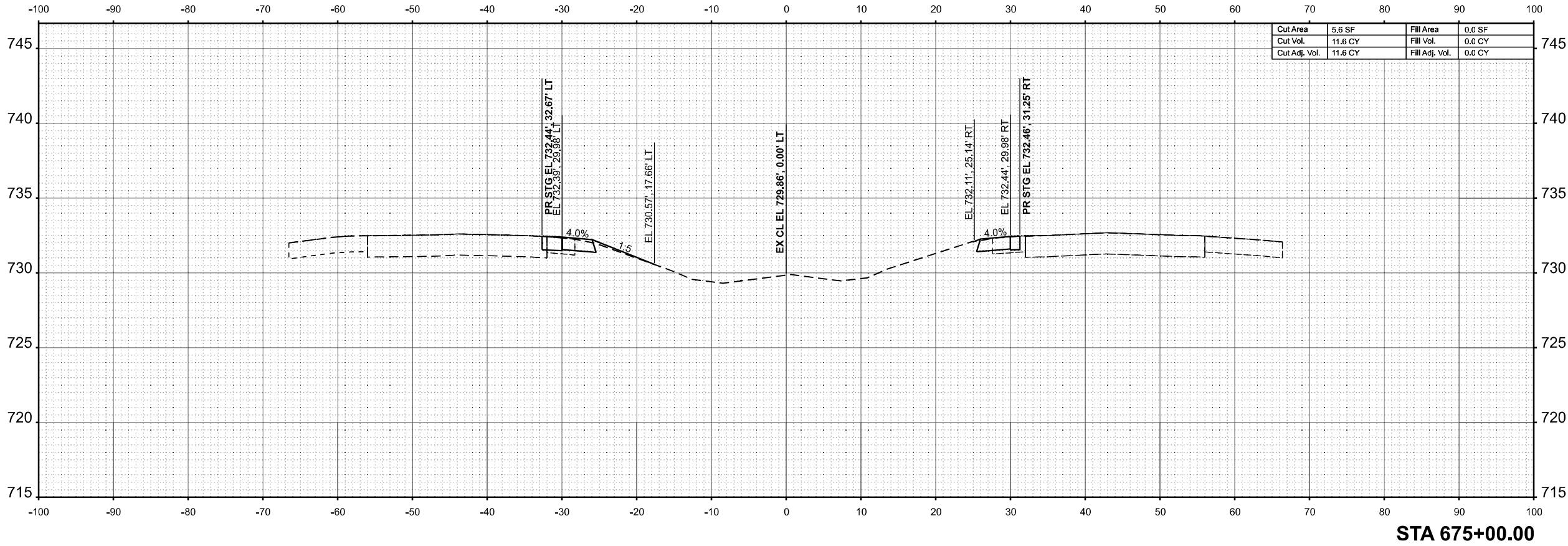
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 62 OF 65 SHEETS STA. 673+50.00 TO STA. 674+00.00

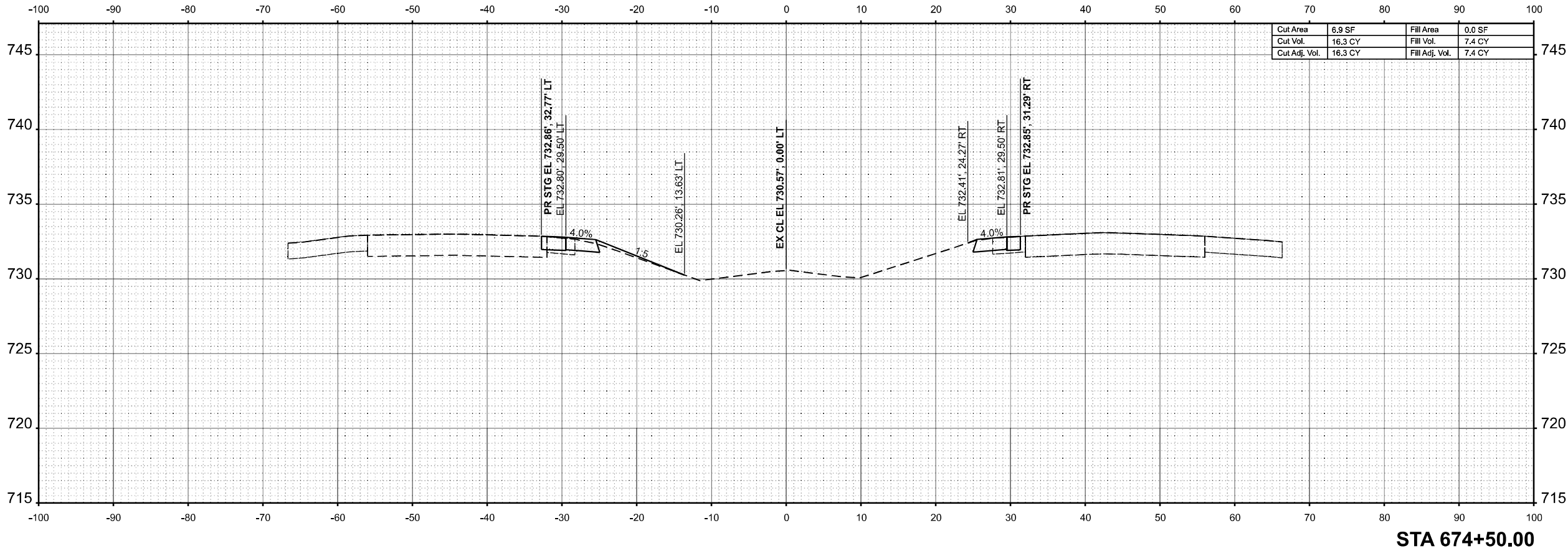
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	155
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



MODEL: EXCL-674+50.00 (Sheet)
FILE NAME: P:\6XXXX\674+50.00\674+50.00.dgn

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EXCL-675+50.00 (Sheet)
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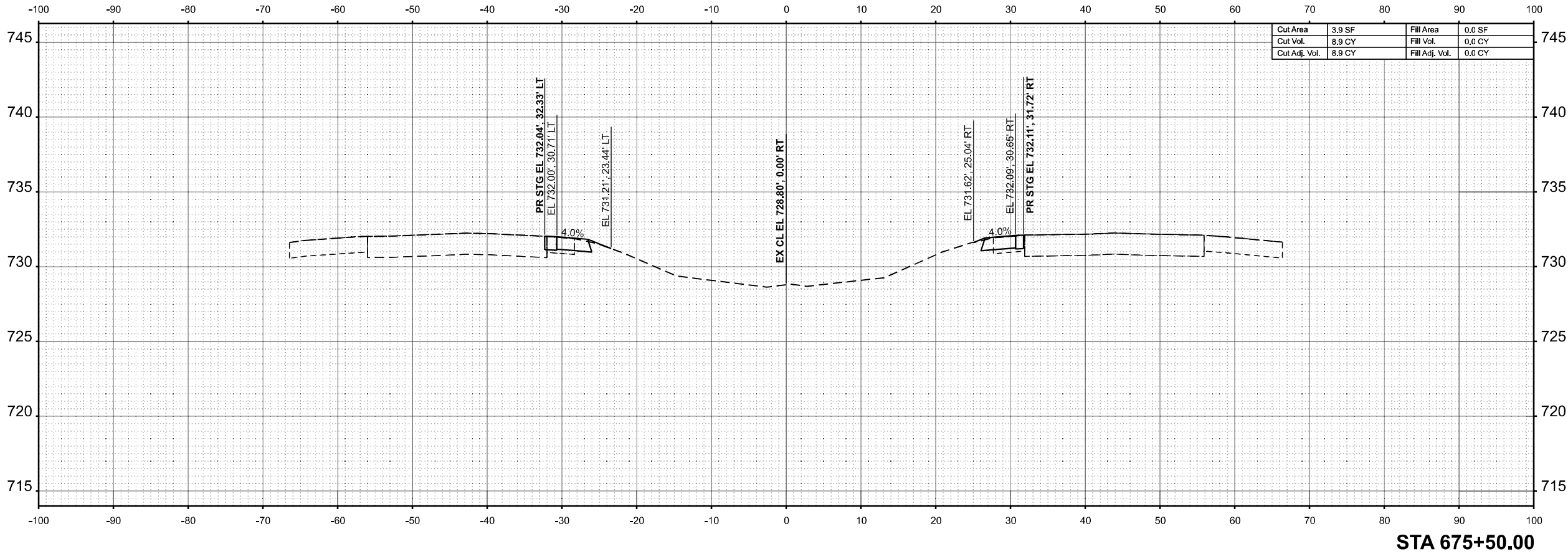
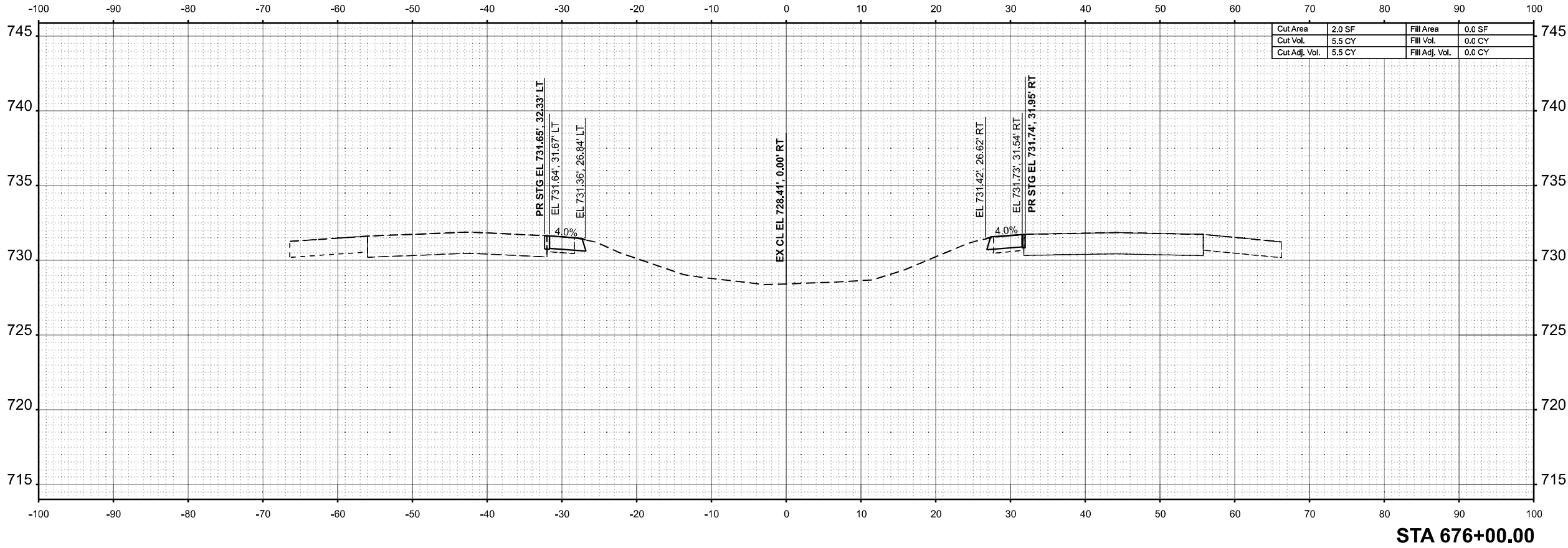
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PLOT DATE = 8/15/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

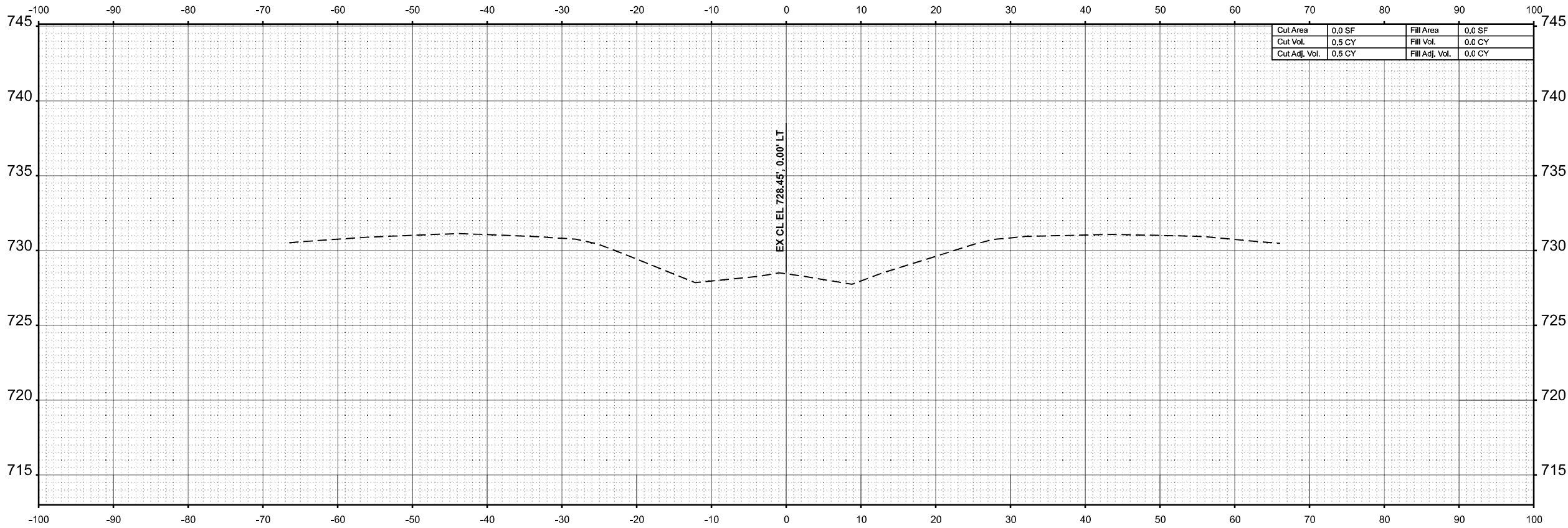
CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 64 OF 65 SHEETS STA. 675+50.00 TO STA. 676+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	157
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				



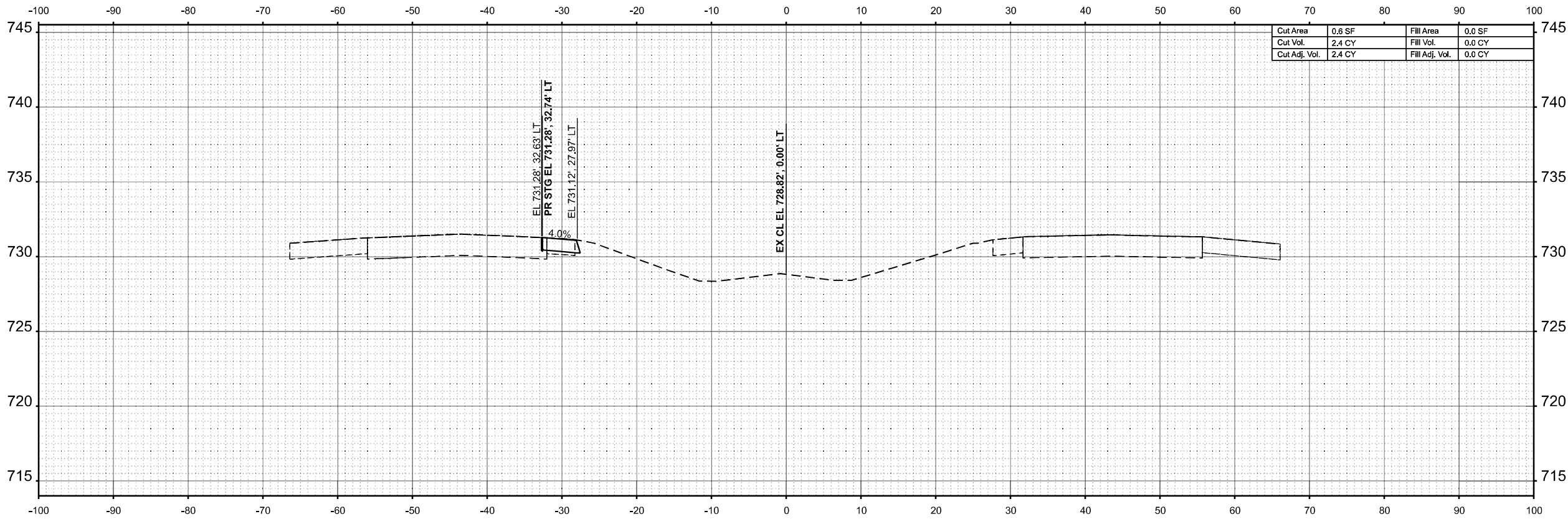
FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



Cut Area	0.0 SF	Fill Area	0.0 SF
Cut Vol.	0.5 CY	Fill Vol.	0.0 CY
Cut Adj. Vol.	0.5 CY	Fill Adj. Vol.	0.0 CY

STA 677+00.00

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



Cut Area	0.6 SF	Fill Area	0.0 SF
Cut Vol.	2.4 CY	Fill Vol.	0.0 CY
Cut Adj. Vol.	2.4 CY	Fill Adj. Vol.	0.0 CY

STA 676+50.00

MODEL: E:\CL-676+50.00 (Sheet)
FILE NAME: P:\6XXXXX\65XX\6424 - IDOT PTB 208-036 D7 VV_ClarK Data\Work Order 2\CADD Data\Sheets\D774650-asec-sh1-2.dgn



USER NAME	= SBales	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 8/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
I-57

SCALE: 1/8"=1'-0" SHEET 65 OF 65 SHEETS STA. 676+50.00 TO STA. 677+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(15-22VB)BR	COLES	158	158
CONTRACT NO. 74650				
ILLINOIS FED. AID PROJECT				