

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	1
		ILLINOIS	CONTRACT NO. 78935	

PROPOSED HIGHWAY PLANS

FAP 849 (IL ROUTE 142)
SECTION 113B-2
PROJECT STP-VADI(177)
STRUCTURE REPLACEMENT
JEFFERSON COUNTY

C-99-041-22

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR HIGHWAY STANDARDS, SEE SHEET NO. 3

DESIGN DESIGNATION: N/A

IL-142 (MINOR ARTERIAL)
CLASS II TRUCK ROUTE
POSTED SPEED LIMIT: 55 MPH
NAD 1983 STATE PLANE IL EAST

TRAFFIC DATA

ROUTE YEAR/ADT TRUCKS
IL 142 2023 / 3,650 6.85%



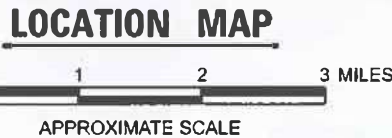
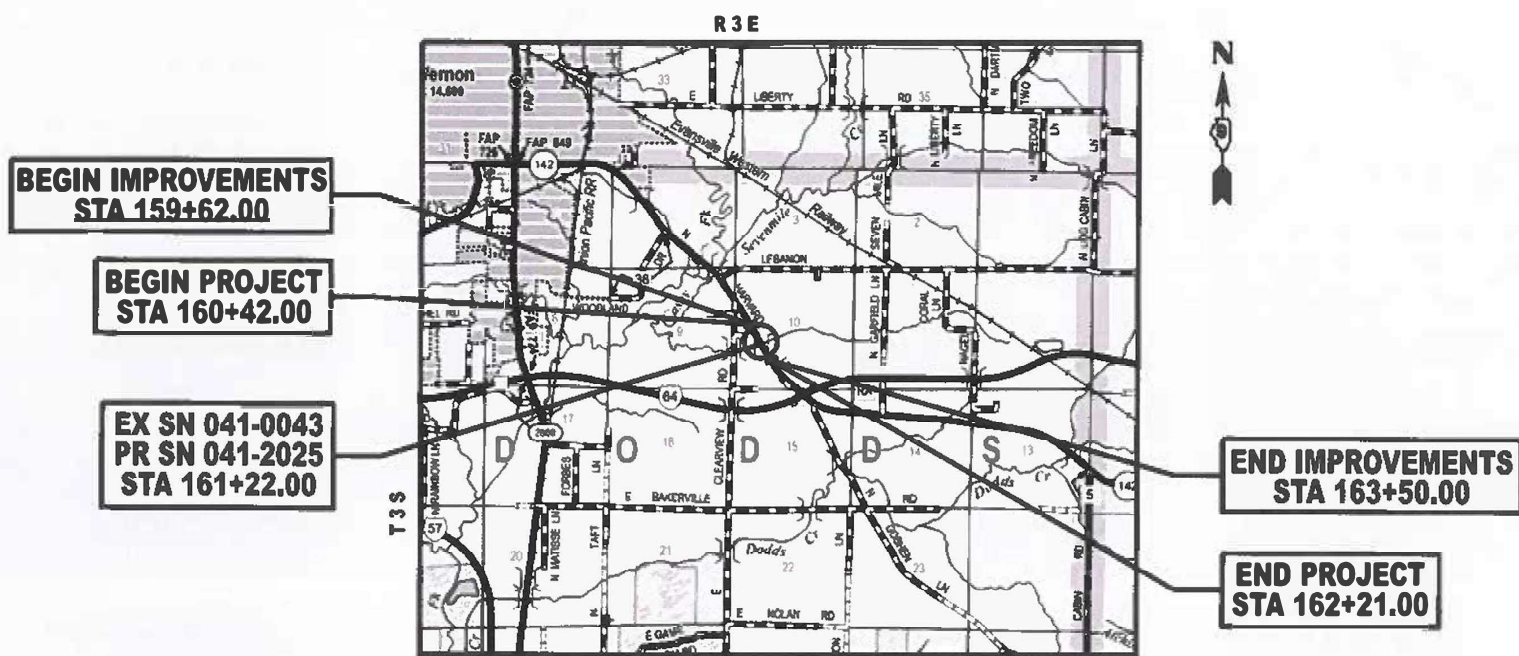
Sean D. Maxwell 5/8/2026
SEAN D. MAXWELL ILLINOIS P.E. 062.071986 DATE
EXPIRES 11/30/2027

QEI 2351 S. DIRKSEN PK WY
SPRINGFIELD, ILLINOIS 62703
217-670-0563 (P)
www.quiggengineering.com
QUIGG ENGINEERING INC DESIGN FIRM REG NO. 184.004721-0014

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

PROJECT MANAGER: BRANDY MAES
PROJECT DESIGNER: QUIGG ENGINEERING INC.

CONTRACT NO. 78935



GROSS LENGTH = 179.00 FT. = 0.034 MILES
NET LENGTH = 179.00 FT. = 0.034 MILES

TOWNSHIP: DODDS
SECTION: 10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 5/22 20 26
Carrie Nelson REGIONAL ENGINEER

June 26 20 26
Sean D. Maxwell ENGINEER OF DESIGN AND ENVIRONMENT

June 26 20 26
John Barry DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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MODEL: Unnamed Plan - Plan 1 [Sheet]
 FILE NAME: S:\2025\25L037 - PTB 216-065 D9 - QEI - Var Ph HWOC-1 IL-142 Curb Replace PH2\CADD\CADD Sheets\078935-ent-gen\06.dgn



USER NAME = TOverton	DESIGNED - TAO	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT SIGNATURE BLOCK

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	F.A.P RTE. 849	SECTION 113B-2	COUNTY JEFFERSON	TOTAL SHEETS 61	SHEET NO. 2
						CONTRACT NO. 78935				
						ILLINOIS FED. AID PROJECT				

Prepared By: Susan Pe
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R
 DISTRICT OPERATIONS ENGINEER

Examined By: _____
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: B
 DISTRICT CONSTRUCTION ENGINEER

Examined By: A
 DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	DISTRICT SIGNATURE BLOCK
3	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS & COMMITMENTS
4 - 8	SUMMARY OF QUANTITIES
9 - 10	TYPICAL SECTION PLAN
11 - 13	SCHEDULE OF QUANTITIES
14	ALIGNMENT, TIES, AND BENCHMARK PLAN
15	PLAN AND PROFILE
16	REMOVAL PLAN
17	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS & NOTES
18 - 19	MAINTENANCE OF TRAFFIC PRESTAGE PLAN
20 - 21	MAINTENANCE OF TRAFFIC STAGE I PLAN
22 - 23	MAINTENANCE OF TRAFFIC STAGE II PLAN
24	EROSION AND SEDIMENT CONTROL PLAN
25	PAVEMENT MARKING PLAN
26	LANDSCAPING PLAN
27 - 35	STRUCTURE PLAN
36	WIDTH RESTRICTION DETAIL
37 - 39	DETAIL PLAN
40 - 67	CROSS SECTION PLAN

IDOT HIGHWAY STANDARDS	
STD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
515001-04	NAME PLATE FOR BRIDGES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS / CU YD.

EARTH 110 LBS / CU FT.

BITUMINOUS MATERIAL (TACK COAT) ON MILLED 0.050 LBS / SQ FT

BITUMINOUS MATERIAL (TACK COAT) BETWEEN LIFTS 0.025 LBS / SQ FT

NITROGEN FERTILIZER NUTRIENT (SEEDING) 90 LBS / ACRE

PHOSPHORUS FERTILIZER NUTRIENT (SEEDING) 90 LBS / ACRE

POTASSIUM FERTILIZER NUTRIENT (SEEDING) 90 LBS / ACRE

AGRICULTURAL GROUND LIMESTONE 2 TONS / ACRE

TEMPORARY EROSION CONTROL SEEDING 100 LBS / ACRE

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 50 FEET / UNIT (37.5 FEET TO LENGTH OF NEED)
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE.
- EDGE LINE PAVEMENT MARKING SHALL BE REMOVED IF A 10 FT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHALL BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN REASONABLE INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- ALL ELEVATIONS REFER TO THE USGS SEA LEVEL DATUM NAVD 88.

COMMITMENTS

NONE AT THIS TIME

LOCATIONS	HOT-MIX ASPHALT SURFACE COURSE, HOT-MIX ASPHALT SHOULDERS 10" (SURFACE LIFT)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
PG:	PG64-22
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5MM
FRICTION AGGREGATE	MIX C
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE:	250 TON
MATERIAL TRANSFER DEVICE:	NO

LOCATIONS	HOTMIX ASPHALT BINDER COURSE (1-3/4" AND VARIABLE)
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N70, IL-9.5MM
PG:	PG64-22
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5MM
FRICTION AGGREGATE	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE:	250 TON
MATERIAL TRANSFER DEVICE:	NO

LOCATIONS	HOTMIX ASPHALT SHOULDERS 10" (LOWER LIFTS)
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0MM
PG:	PG64-22
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-19.0MM
FRICTION AGGREGATE	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT	QC/QA
SUBLOT SIZE:	250 TON
MATERIAL TRANSFER DEVICE:	NO

MODEL: Unnamed Plan - Plan 2 [Sheet]
FILE NAME: S:\2025\251037 - PTB 21-065 D9 - GEI - Var Ph_HHWQ-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh-hgmmote.dgn

 QUIGG ENGINEERING INC	USER NAME = TOverton	DESIGNED - TAO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -			849	113B-2	JEFFERSON	67	3
						SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.
						ILLINOIS FED. AID PROJECT CONTRACT NO. 78935				

MODEL: Unnamed Plan - Plan 1 [Sheet]
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CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BOX CULVERT
				0010 RURAL	0010 RURAL
20200100	EARTH EXCAVATION	CU YD	650	650	
20300100	CHANNEL EXCAVATION	CU YD	245		245
20700220	POROUS GRANULAR EMBANKMENT	CU YD	248		248
25000200	SEEDING, CLASS 2	ACRE	0.34	0.34	
25000350	SEEDING, CLASS 7	ACRE	0.34	0.34	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	61	61	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	31	31	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	31	31	
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.70	0.70	
25100115	MULCH, METHOD 2	ACRE	0.34	0.34	
25100630	EROSION CONTROL BLANKET	SQ YD	1,604	1,604	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	67	67	
28000305	TEMPORARY DITCH CHECKS	FOOT	331	331	
28100107	STONE RIPRAP, CLASS A4	SQ YD	205		205

* SPECIALTY ITEM

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DATE = 05/08/2026

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 142**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	4
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan - Plan 2 [Sheet]
 FILE NAME: S:\2025\251\037 - PTB 215-055 D9 - CEI - Var Ph I\IWO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-rlt-SOC.dgn

CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BOX CULVERT
				0010 RURAL	0010 RURAL
28200200	FILTER FABRIC	SQ YD	205		205
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	111	111	
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	12	12	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	689	689	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	110	110	
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	36	36	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	25	25	
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	184	184	
42001300	PROTECTIVE COAT	SQ YD	322	322	
44000100	PAVEMENT REMOVAL	SQ YD	184	184	
44004250	PAVED SHOULDER REMOVAL	SQ YD	176	176	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	184	184	
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	750	750	
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	113	113	

* SPECIALTY ITEM

REV - MS



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PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL 142

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78935	

MODEL: Unnamed Plan - Plan 3 [Sheet]
 FILE NAME: S:\2025\251\037 - PTB 215-055 D9 - CEI - Var Ph I\IWO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-rlt-SOC.dgn

CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				ROADWAY	BOX CULVERT
				0010	0010
				RURAL	RURAL
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	95		95
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	168		168
50300300	PROTECTIVE COAT	SQ YD	18		18
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	40,560		40,560
50800515	BAR SPLICERS	EACH	172		172
50900207	STEEL RAILING, TYPE CO-10	FOOT	66		66
51500100	NAME PLATES	EACH	1		1
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	517		517
54003000	CONCRETE BOX CULVERTS	CU YD	208.6		208.6
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	152		152
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	87.5	87.5	
* 63100119	TRAFFIC BARRIER TERMINAL, TYPE 14	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	

* SPECIALTY ITEM

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DATE = 05/08/2026

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 142**

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	6
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE	
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				ROADWAY	BOX CULVERT
				0010 RURAL	0010 RURAL
63200310	GUARDRAIL REMOVAL	FOOT	360	360	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2	
67100100	MOBILIZATION	L SUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	841	841	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	235	235	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	841	841	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	487.5	487.5	
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	33	33	

* SPECIALTY ITEM

REV - MS



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DATE - 6/4/2026

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL 142

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	7
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan - Plan 5 [Sheet]
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CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION TYPE CODE	
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				ROADWAY	BOX CULVERT
				0010	0010
				RURAL	RURAL
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	387.5	387.5	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	841	841	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16	16	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	8	8	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	561	561	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.5	0.5
* Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1	1	
* Z0054517	ROCK FILL - FOUNDATION	TON	294		294
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	164	164	
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	152		152
∅ Z0076600	TRAINEES	HOURS	500	500	
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURS	500	500	

* SPECIALTY ITEM
 ∅ 0042

REV - MS



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

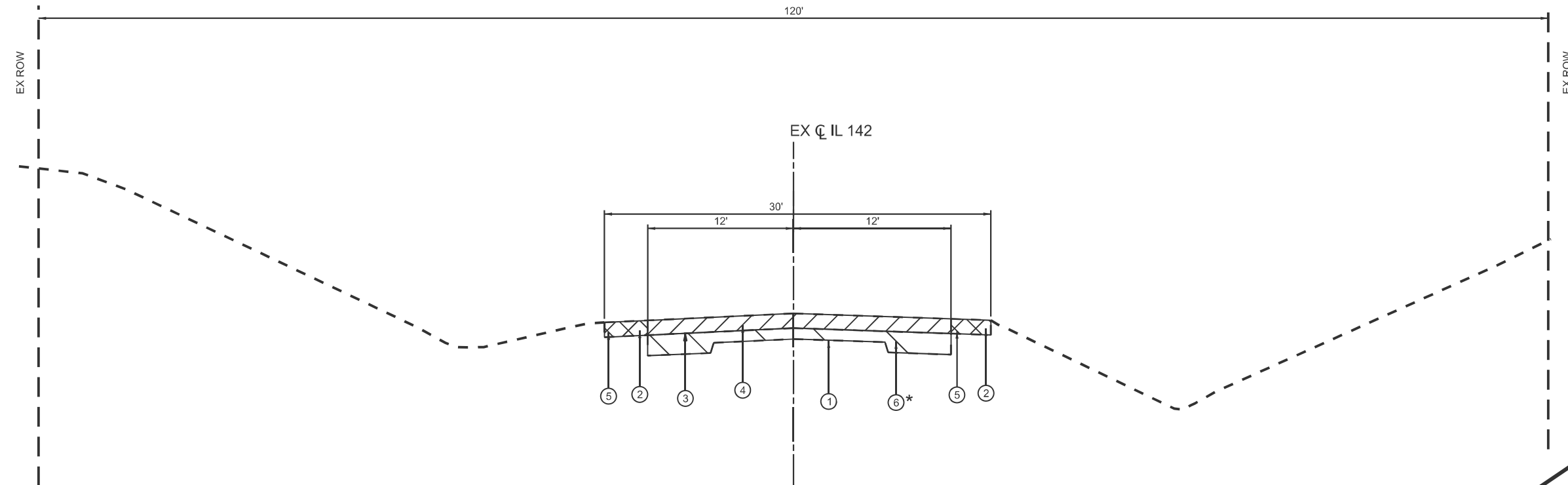
**SUMMARY OF QUANTITIES
 IL 142**

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	8
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

LEGEND

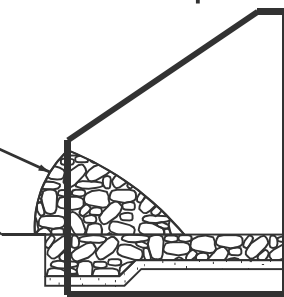
- ① EX PORTLAND CONCRETE CEMENT PAVEMENT
- ② EX HOT-MIX ASPHALT SHOULDER, 11"
- ③ EX HOT-MIX ASPHALT SURFACE, 11"
- ④ HMA SURFACE REMOVAL
- ⑤ PAVED SHOULDER REMOVAL
- ⑥ PAVEMENT REMOVAL
- ⑦ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (1½")
- ⑧ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1¾ & VAR)
- ⑨ PR HOT-MIX ASPHALT SHOULDERS, 10"
- ⑩ PR PAINT PAVEMENT MARKING - LINE 4" - YELLOW
- ⑪ PR PAINT PAVEMENT MARKING - LINE 4" - WHITE
- ⑫ PR SEEDING, CLASS 2A
- ⑬ PR STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS
- ⑭ PR PORTLAND CONCRETE CEMENT, 10" & SUBBASE GRANULAR MATERIAL, TYPE A
- ⑮ PR PORTLAND CEMENT CONCRETE SHOULDERS 10"



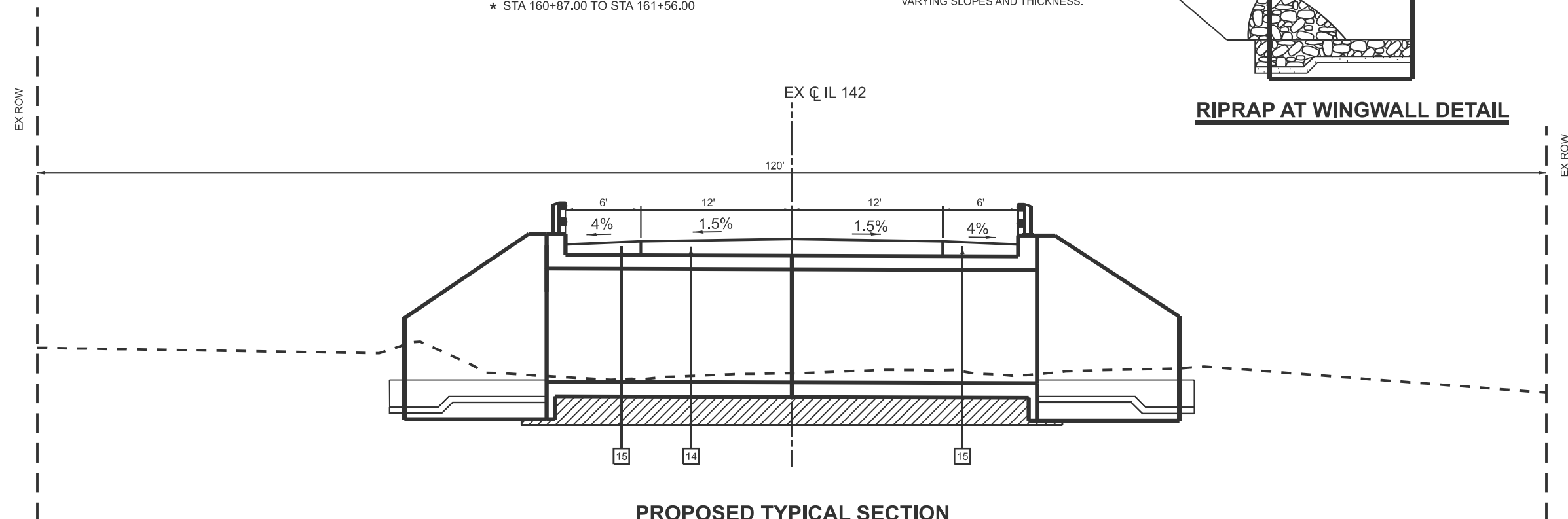
EXISTING TYPICAL SECTION

STA 159+62.00 TO STA 163+50.00
 * STA 160+87.00 TO STA 161+56.00

DUE TO STEEPER SLOPES ON FORESLOPES, ADDITIONAL RIPRAP NEEDED TO RETAIN RIPRAP ON FORESLOPE. SEE STRUCTURE PLANS FOR QUANTITY. ADDITIONAL RIPRAP WILL HAVE VARYING SLOPES AND THICKNESS.



RIPRAP AT WINGWALL DETAIL



PROPOSED TYPICAL SECTION

STA 160+87.00 TO STA 161+56.00

MODEL: Unnamed Plan - Plan 1 [Sheet]
 FILE NAME: S:\2025\2511\037 - PTB 21P-055 D9 - GEI - Var Ph I\IWO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\D978935-eh-typical.dgn



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTION PLAN
 IL 142

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

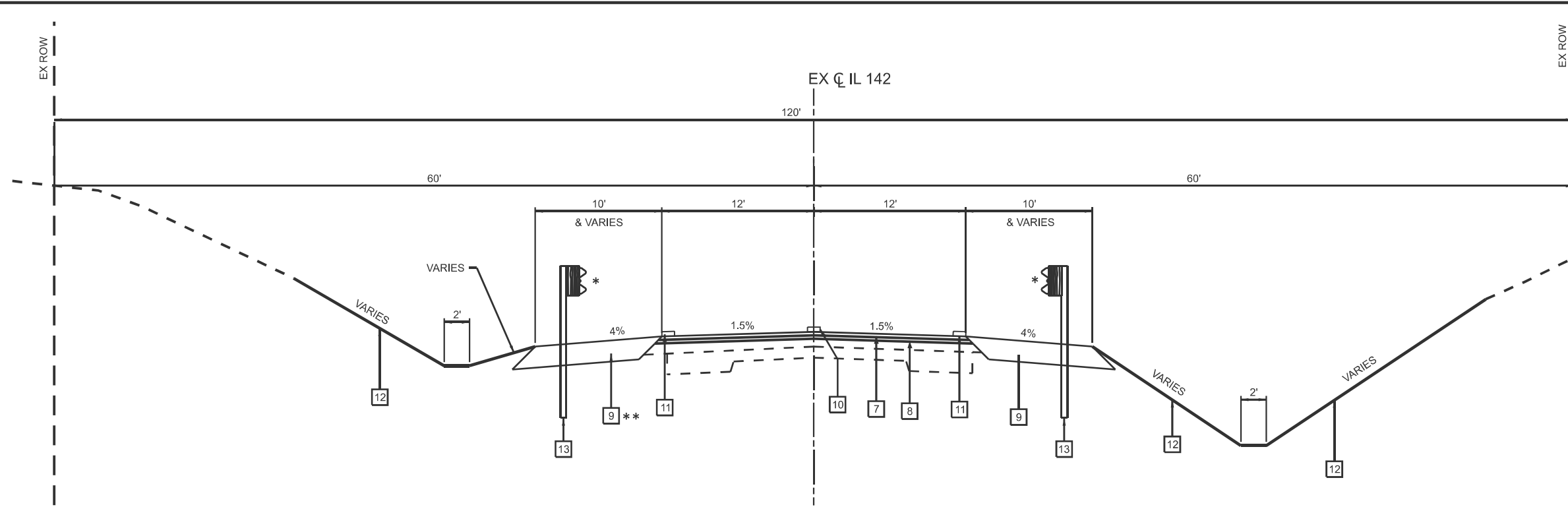
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	9
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① EX PORTLAND CONCRETE CEMENT PAVEMENT
- ② EX HOT-MIX ASPHALT SHOULDER, 11"
- ③ EX HOT-MIX ASPHALT SURFACE, 11"
- ④ HMA SURFACE REMOVAL
- ⑤ PAVED SHOULDER REMOVAL
- ⑥ PAVEMENT REMOVAL
- ⑦ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (1½")
- ⑧ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1¾ & VAR)
- ⑨ PR HOT-MIX ASPHALT SHOULDERS, 10"
- ⑩ PR PAINT PAVEMENT MARKING - LINE 4" - YELLOW
- ⑪ PR PAINT PAVEMENT MARKING - LINE 4" - WHITE
- ⑫ PR SEEDING, CLASS 2A
- ⑬ PR STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS
- ⑭ PR PORTLAND CONCRETE CEMENT, 10" & SUBBASE GRANULAR MATERIAL, TYPE A
- ⑮ PR PORTLAND CEMENT CONCRETE SHOULDERS 10"

LIFT THICKNESS

- 1. HMA SHOULDERS 10":
 - 1½" HMA SURFACE, MIX CN70
 - 4¼" HMA BINDER N70, IL-19.0
 - 4¼" HMA BINDER N70, IL-19.0
- 1. BINDER COURSE N70, IL-9.5 MM:
 - MAXIMUM LIFT THICKNESS = 3"



PROPOSED TYPICAL SECTION

** STA 160+32.63 TO STA 160+87.00
 STA 161+56.00 TO STA 162+20.89
 HMA SURFACE REMOVAL, VARIABLE DEPTH
 REMOVE PRE-STAGE SHOULDER TO CONSTRUCT
 HMA SHOULDER 10"

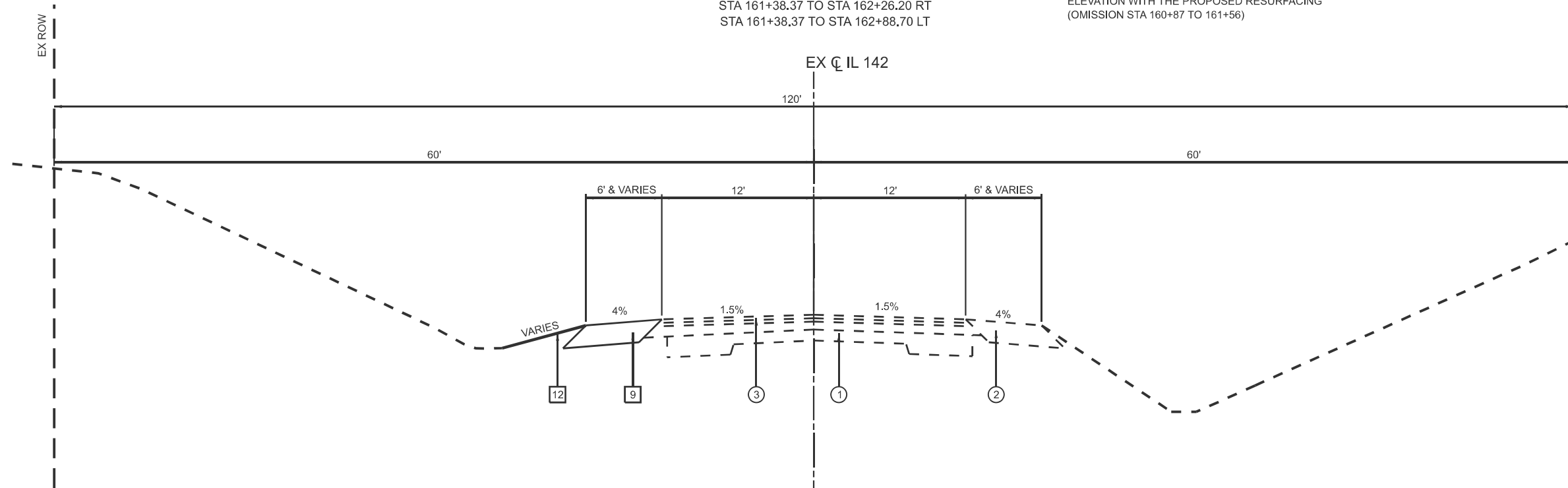
STA 160+42.00 TO STA 160+87.00
 STA 161+56.00 TO STA 162+21.00
 STRUCTURE OMISSION
 STA 160+87.00 TO STA 161+56.00

*** GUARDRAIL**

STA 159+92.80 TO STA 161+05.63 RT
 STA 160+17.76 TO STA 161+05.63 LT
 STA 161+38.37 TO STA 162+26.20 RT
 STA 161+38.37 TO STA 162+88.70 LT

NOTES

- 1. 10" CONCRETE PATCH OVER CULVERT FROM STA 160+87 TO STA 161+56
- 2. VARIABLE DEPTH REMOVAL OF EXISTING HMA PAVEMENT TO REACH PROPOSED PAVEMENT ELEVATION WITH THE PROPOSED RESURFACING (OMISSION STA 160+87 TO 161+56)



PROPOSED TYPICAL SECTION

STA 162+75.00 TO STA 163+12.50

MODEL: Unnamed Plan - Plan 2 [Sheet]
 FILE NAME: S:\2025\2511\037 - PTB 21-055 D9 - GEI - Var Ph.HIWO-1 IL-142 Culv.Replace.PH2\CADD\CADD_Sheets\0978935-eh-typical.dgn



USER NAME = TOverton	DESIGNED - TAO	REVISED -
	DRAWN - TAO	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 06/08/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTION PLAN
 IL 142

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	10
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
NORTH OF CULVERT						
STA 159+00 TO STA 161+09	201			151	42	109
SOUTH OF CULVERT						
STA 161+35 TO STA 164+00	456			342	109	233
CULVERT						
STA 161+09 TO 161+35		245		184	8	176
STA 161+22			95	71		71
TOTALS	657	245	95			

REMOVAL SCHEDULE					
LOCATION			PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
STATION	REMARKS	LT / RT	SQ YD	SQ YD	SQ YD
IL 142					
159+62.00 TO 160+87.00	SHOULDER	LT		41.67	
159+62.00 TO 160+87.00	SHOULDER	RT		41.67	
161+56.00 TO 163+12.50	SHOULDER	LT		52.17	
161+56.00 TO 162+75.00	SHOULDER	RT		39.67	
160+42.00 TO 160+87.00	MAINLINE	LT / RT			32.00
160+32.63 TO 160+87.00	SHOULDER	LT			27.19
160+87.00 TO 161+56.00	MAINLINE	LT / RT	184.00		
161+56.00 TO 162+21.00	MAINLINE	LT / RT			72.00
161+56.00 TO 162+20.89	SHOULDER	LT			32.44
TOTALS			184.00	175.18	163.63
USE			184	176	164

PAVEMENT MARKING SCHEDULE						
LOCATION		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	PAINT PAVEMENT MARKING - LINE 4"	PAVEMENT MARKING REMOVAL - GRINDING
STATION	REMARKS	FOOT	SQ FT	FOOT	FOOT	SQ FT
IL 142						
EXISTING PAVEMENT MARKING						
159+62.00 TO 162+75.00	LT	313.00	104.33	313.00	313.00	560.10
159+62.00 TO 162+75.00	RT	313.00	104.33	313.00	313.00	
157+21.14 TO 165+77.75	CL	214.15	26.08	214.15	214.15	
TOTALS		840.15	234.74	840.15	840.15	560.10
USE		841	235	841	841	561

TEMPORARY CONCRETE BARRIER SCHEDULE						
LOCATION		TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
STATION	REMARKS	FOOT	EACH	FOOT	EACH	EACH
IL 142						
STAGE I						
160+31.04 TO 163+06.55	LT	287.50	18		1	
163+06.55 TO 163+94.83	RT	100.00			1	
STAGE II						
159+03.41 TO 159+91.73	LT / RT		15	100.00		1
159+91.73 TO 162+70.73	RT			287.50		
162+70.73 TO 163+58.55	LT / RT	100.00				1
TOTALS		487.5	33	387.5	2	2

MODEL: Unnamed Plan-1 - Plan 1 (Sheet)
 FILE NAME: S:\2025\2511\037 - PTB 2\15455 D9 - GEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh-schedule.dgn



USER NAME = TOVerton	DESIGNED - MMG	REVISED -
	DRAWN - MMG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 142

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	11
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE								
LOCATION		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 14	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL REFLECTORS, TYPE C
STATION	REMARKS	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH
IL 142								
159+92.80 TO 161+05.63	RT	25.00	1	1		1	4	
160+17.76 TO 161+05.63	LT		1	1		1	4	
160+32.07 TO 162+11.64	RT				179.57			
160+32.64 TO 162+12.26	LT				179.62			
161+05.63 TO 161+38.37	RT							4
161+05.63 TO 161+38.37	LT							4
161+38.37 TO 162+26.20	RT		1	1		1	4	
161+38.37 TO 162+88.70	LT	62.50	1	1		1	4	
TOTALS		87.5	4	4	359.19	4	16	8
USE		87.5	4	4	360	4	16	8

AGGREGATE SCHEDULE			
LOCATION			AGGREGATE SURFACE COURSE, TYPE A 6"
ROADWAY	STATION	REMARKS	SQ YD
IL 142	159+82.86	ENTRANCE	11.42
TOTAL			11.42
USE			12

PAVING SCHEDULE											
LOCATION		SUBBASE GRANULAR MATERIAL, TYPE A	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	PORTLAND CEMENT CONCRETE PAVEMENT 10"	HOT-MIX ASPHALT SHOULDERS, 10"	PORTLAND CEMENT CONCRETE SHOULDERS 10"	PROTECTIVE COAT	WELDED WIRE REINFORCEMENT
STATION	REMARKS	TON	POUND	FOOT	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
IL 142											
159+00.00 TO 160+02.63	LT		74.59								
159+62.00 TO 161+02.64	RT		60.16					129.60			
160+32.63 TO 162+21.00	LT							132.37			
160+42.00 TO 160+57.47	LT / RT		27.85								
160+42.00 TO 160+87.00	LT / RT		81.00	45.00							
160+57.47 TO 160+87.00	LT / RT		53.15		10.95						
160+87.00 TO 161+56.00	LT / RT	110.02					184.00		112.01	322.00	184.00
161+39.09 TO 164+00.00	LT		100.36								
161+41.37 TO 162+75.00	RT		56.94			10.13		122.94			
161+56.00 TO 161+84.23	LT / RT		50.81		24.20						
161+56.00 TO 162+21.00	LT / RT		117.00	65.00		14.64					
161+84.23 TO 162+21.00	LT / RT		66.19								
PRESTAGE SHOULDER											
159+00.00 TO 160+32.63	LT							112.29			
160+32.63 TO 162+21.00	LT							101.09			
162+21.00 TO 164+00.00	LT							151.55			
TOTALS		110.02	688.05	110.00	35.15	24.77	184.00	749.84	112.01	322.00	184.00
USE		111	689	110	36	25	184	750	113	322	184

MODEL: Unnamed Plan-1 - Plan 2 (Sheet)
 FILE NAME: S:\2025\2511\037 - PTB 21\455 D9 - GEI - Var Ph_H11W\0-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh-schedule.dgn



USER NAME = TOVerton	DESIGNED - MMG	REVISED -
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PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
IL 142**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	12
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE										
LOCATION		SEEDING, CLASS 2	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
STATION	REMARKS	ACRE	ACRE	POUND	POUND	POUND	TON	ACRE	SQ YD	POUND
IL 142										
159+62.00 TO 160+84.90	LT	0.001	0.001	0.18	0.09	0.09	0.002	0.001	3.29	0.20
159+62.00 TO 160+84.90	LT	0.019	0.019	3.42	1.71	1.71	0.038	0.019	92.70	3.80
159+84.22 TO 161+21.31	LT	0.030	0.030	5.40	2.70	2.70	0.060	0.030	143.59	6.00
159+72.15 TO 159+78.28	RT	0.001	0.001	0.18	0.09	0.09	0.002	0.001	3.31	0.20
159+88.09 TO 160+84.99	RT	0.026	0.026	4.68	2.34	2.34	0.052	0.026	125.26	5.20
160+25.00 TO 161+05.26	RT	0.016	0.016	2.88	1.44	1.44	0.032	0.016	77.45	3.20
161+59.06 TO 163+39.18	LT	0.056	0.056	10.08	5.04	5.04	0.112	0.056	269.55	11.20
161+27.18 TO 163+25.00	LT	0.037	0.037	6.66	3.33	3.33	0.074	0.037	179.56	7.40
163+25.00 TO 164+00.00	LT	0.006	0.006	1.08	0.54	0.54	0.012	0.006	30.24	1.20
161+59.06 TO 163+00.43	RT	0.067	0.067	12.42	6.21	6.21	0.138	0.069	331.70	13.80
161+13.50 TO 163+00.00	RT	0.049	0.049	8.46	4.23	4.23	0.094	0.047	227.59	9.40
159+84.22 TO 161+05.51	LT	0.006	0.006	1.08	0.54	0.54	0.012	0.006	26.94	1.20
160+25.00 TO 161+05.00	RT	0.004	0.004	0.72	0.36	0.36	0.008	0.004	17.79	0.80
161+38.85 TO 163+25.00	LT	0.009	0.009	1.62	0.81	0.81	0.018	0.009	41.37	1.80
161+38.87 TO 163+00.00	RT	0.007	0.007	1.26	0.63	0.63	0.014	0.007	33.03	1.40
TOTALS		0.334	0.334	60.12	30.06	30.06	0.67	0.334	1,603.37	66.80
USE		0.34	0.34	61	31	31	0.7	0.34	1,604	67

TEMPORARY DITCH CHECKS SCHEDULE		
LOCATION		TEMPORARY DITCH CHECKS
STATION	REMARKS	FOOT
IL 142		
159+95.00	LT	13
160+25.00	LT	14
160+25.00	RT	10
160+40.00	RT	10
160+55.00	LT	16
160+55.00	RT	13
160+60.00	LT	15
160+65.00	LT	14
160+65.00	RT	13
160+70.00	LT	13
160+70.00	RT	12
160+75.00	LT	12
160+80.00	LT	12
160+80.00	RT	11
160+85.00	LT	11
160+85.00	RT	11
161+56.00	LT	11
161+56.00	RT	20
161+67.50	LT	12
161+85.00	RT	19
162+00.00	LT	14
162+27.50	RT	13
162+50.00	LT	15
162+75.00	RT	13
163+00.00	LT	14
TOTAL		331

RIPRAP SCHEDULE		
LOCATION		STONE RIPRAP, CLASS A4 *SEE STRUCTURE PLANS FOR ADDITIONAL QTY
STATION	REMARKS	SQ YD
IL 142		
160+84.99 TO 161+05.00	RT	11.24
160+86.09 TO 161+05.51	LT	5.25
161+38.85 TO 161+59.06	LT	7.34
161+38.87 TO 161+59.06	RT	13.47
TOTALS		37.30
USE		38

MODEL: Unnamed Plan-1 - Plan 3 (Sheet)
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USER NAME = TOVerton	DESIGNED - MMG	REVISED -
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PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

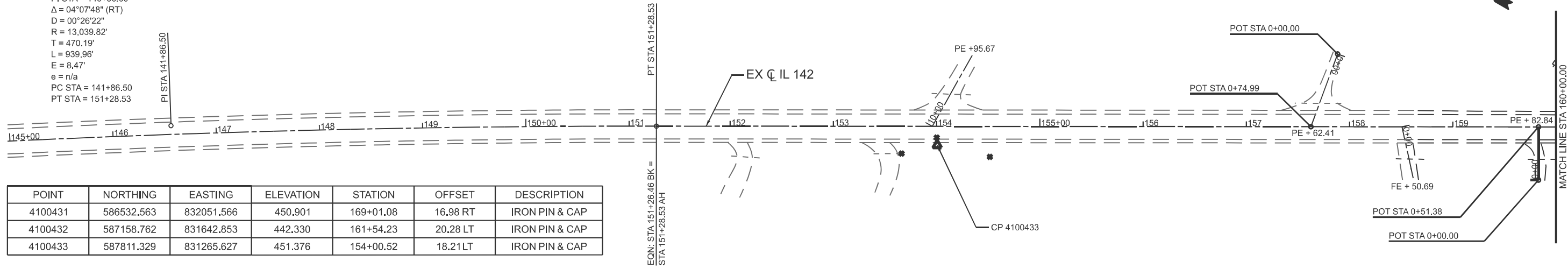
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 142

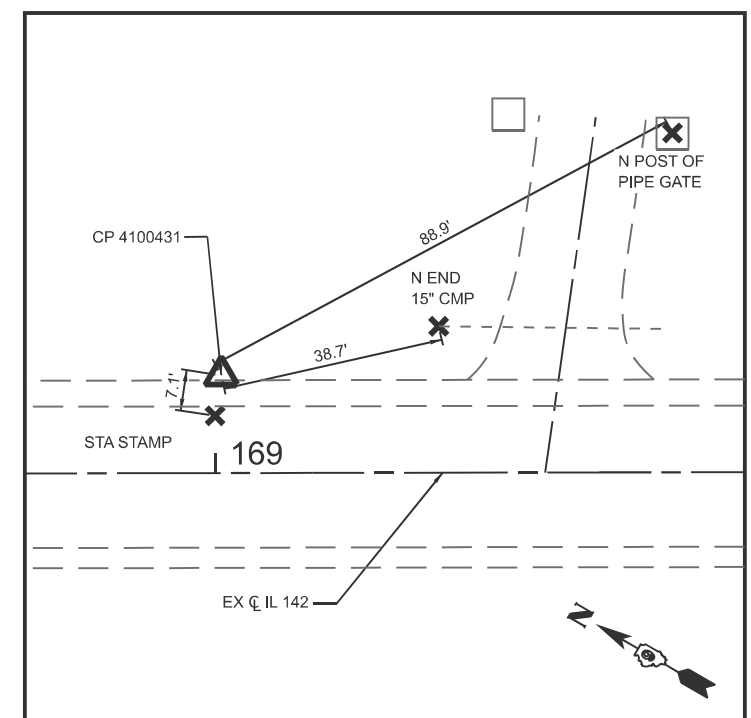
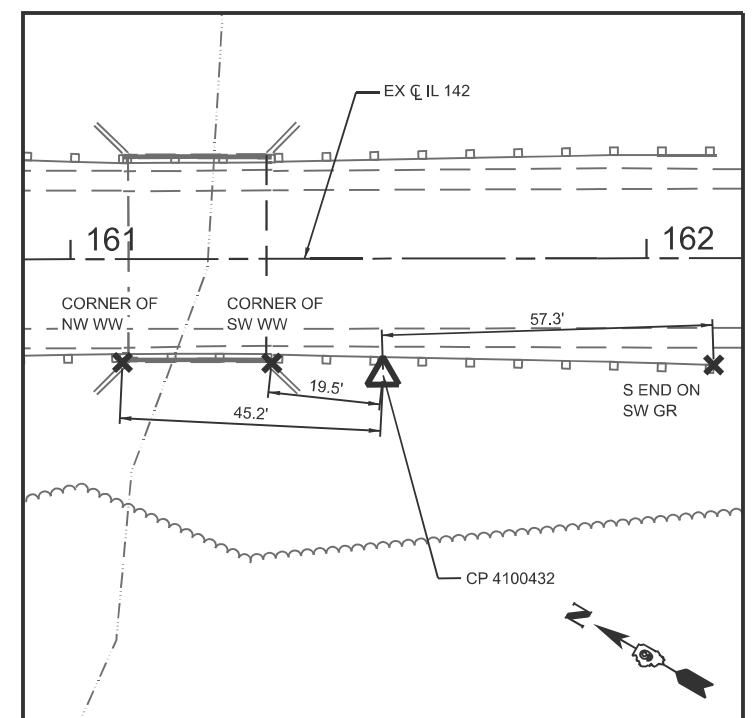
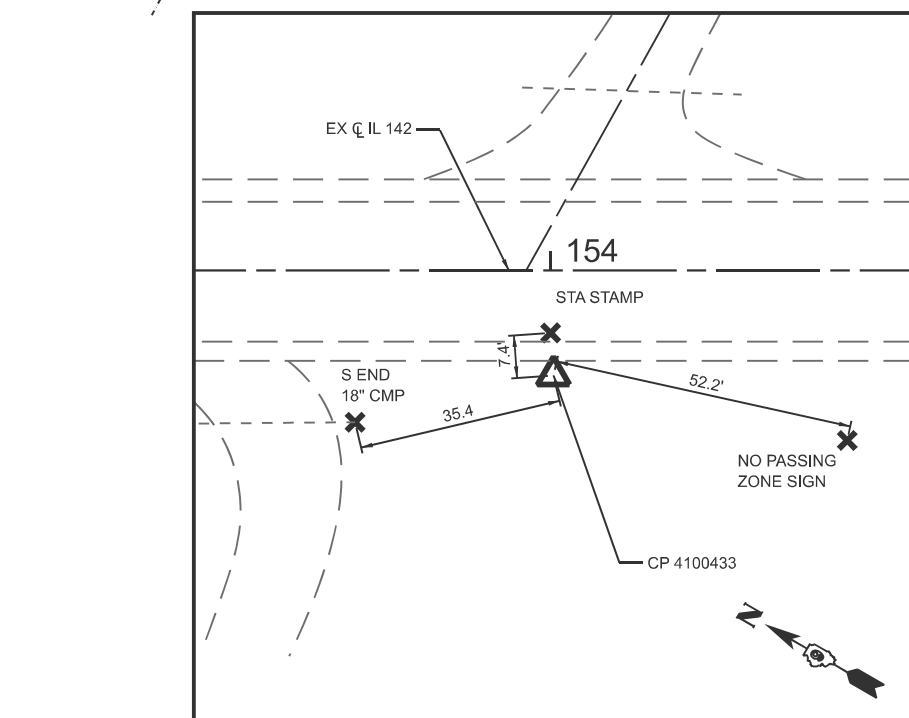
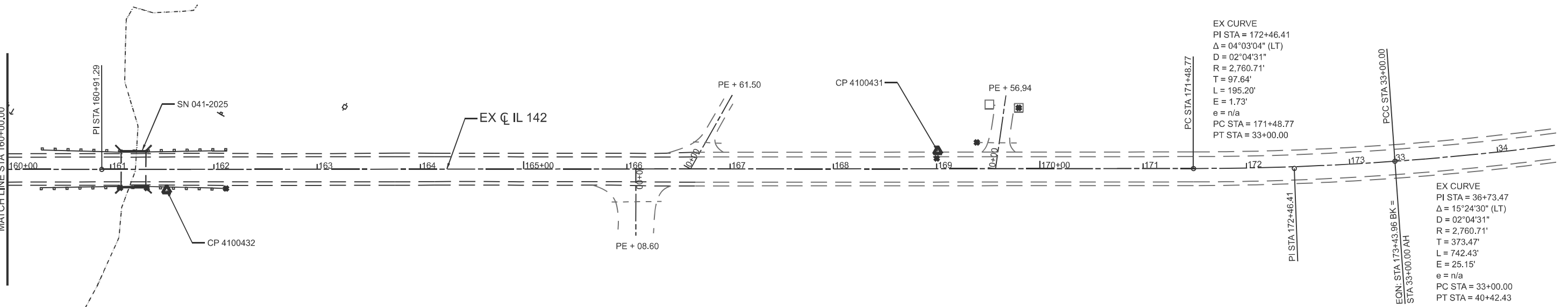
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	13
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

EX CURVE
 PI STA = 146+56.69
 $\Delta = 04^{\circ}07'48''$ (RT)
 $D = 00^{\circ}26'22''$
 $R = 13,039.82'$
 $T = 470.19'$
 $L = 939.96'$
 $E = 8.47'$
 $e = n/a$
 PC STA = 141+86.50
 PT STA = 151+28.53



POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
4100431	586532.563	832051.566	450.901	169+01.08	16.98 RT	IRON PIN & CAP
4100432	587158.762	831642.853	442.330	161+54.23	20.28 LT	IRON PIN & CAP
4100433	587811.329	831265.627	451.376	154+00.52	18.21LT	IRON PIN & CAP



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USER NAME = TOverton	DESIGNED - TAO	REVISED -
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	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS PLAN
 IL 142

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

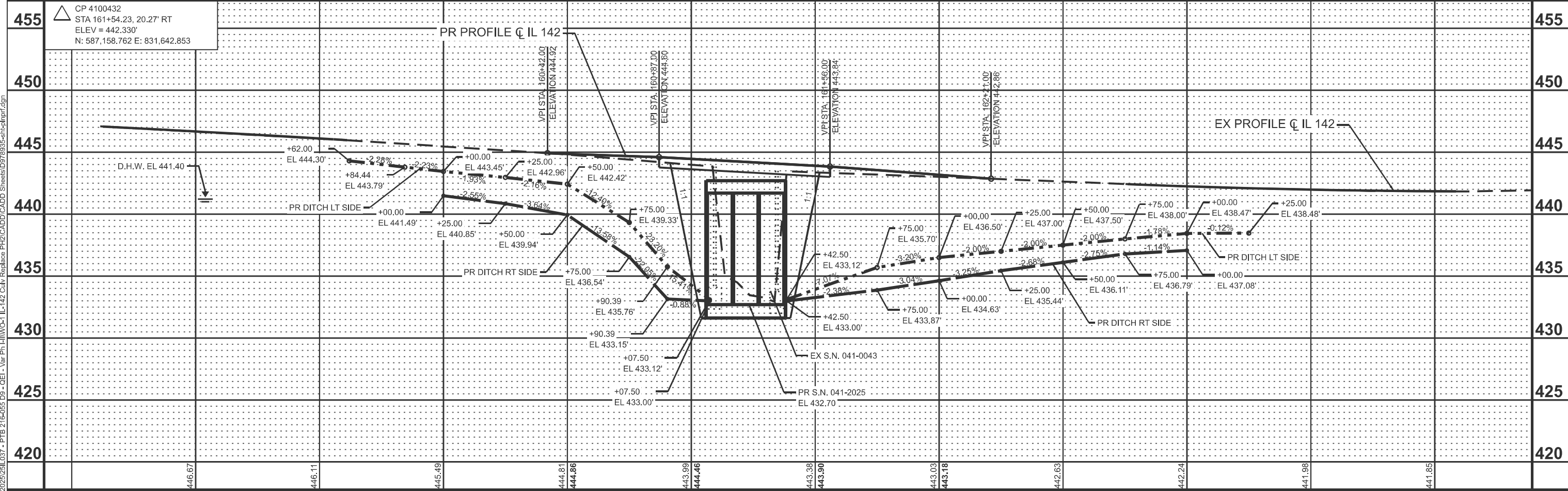
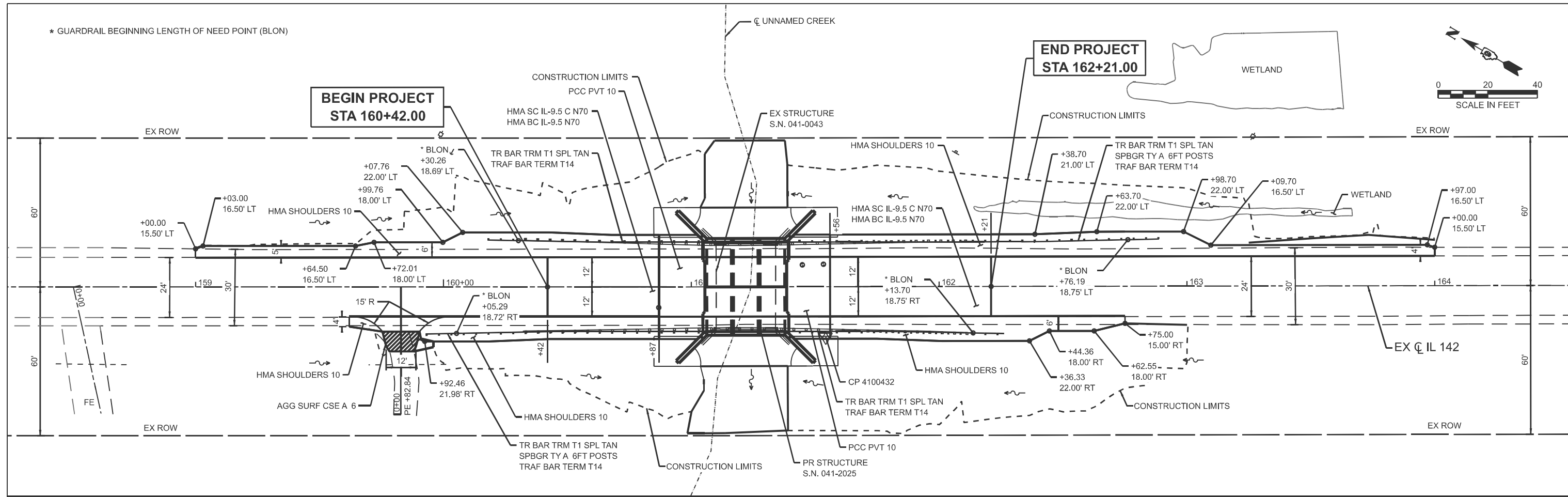
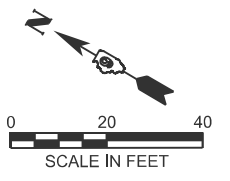
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CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

* GUARDRAIL BEGINNING LENGTH OF NEED POINT (BLON)

**END PROJECT
STA 162+21.00**

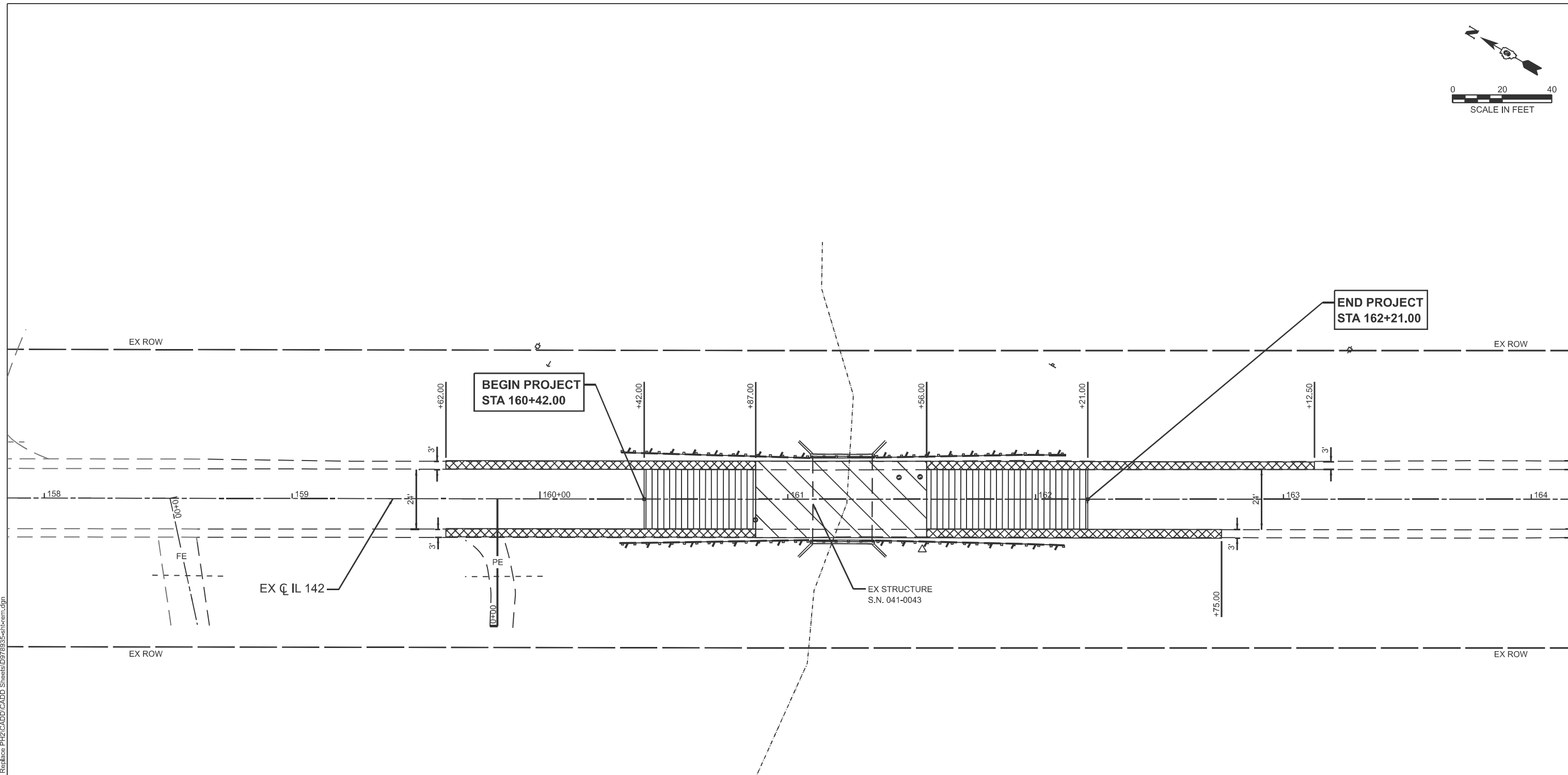
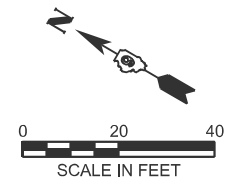
**BEGIN PROJECT
STA 160+42.00**

WETLAND







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QI QUIGG ENGINEERING INC	USER NAME - SMaxwell DESIGNED - TAO DRAWN - TAO CHECKED - SDM PLOT DATE - 6/5/2026	REVISIONS REVISIONS REVISIONS REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IL 142	F.A.P. RTE. - 849 SECTION - 113B-2 COUNTY - JEFFERSON CONTRACT NO. 78935	TOTAL SHEETS - 67 SHEET NO. - 15
	SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 159+00.00 TO STA. 164+00.00	ILLINOIS FED. AID PROJECT				



LEGEND

-  PAVED SHOULDER REMOVAL
-  PAVEMENT REMOVAL
-  VARIABLE DEPTH REMOVAL
-  GUARDRAIL REMOVAL

MODEL: Unnamed Plan - Plan 1 [Sheet]
 FILE NAME: S:\2025\2511\037 - PTB 215-05 D9 - QEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh-com.dgn



USER NAME	= SMaxwell	DESIGNED	- TAO	REVISED	-
DRAWN	- TAO	REVISIONS	-	DATE	-
CHECKED	- SDM	DATE	- 05/08/2026	REVISED	-
PLOT DATE	= 6/5/2026				

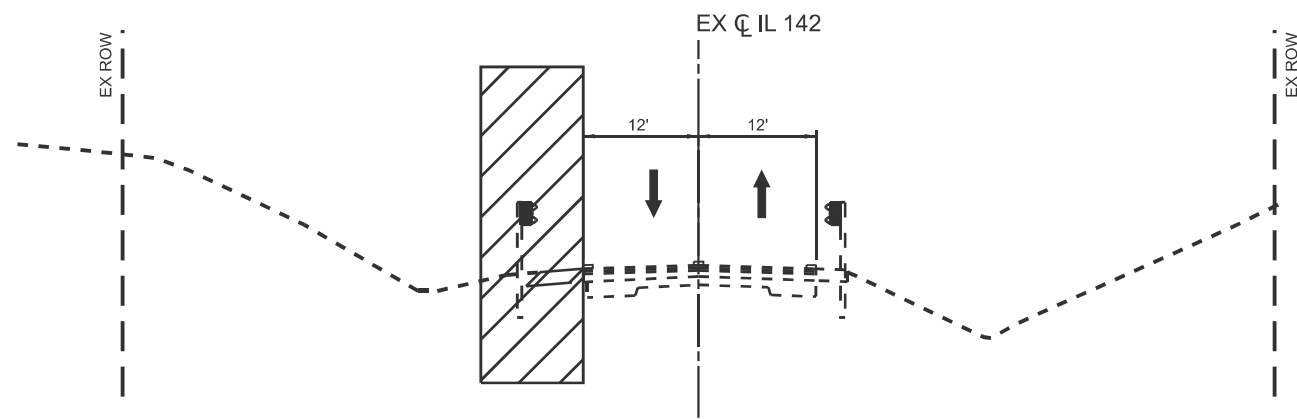
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 142

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 159+62.00 TO STA. 163+50.00

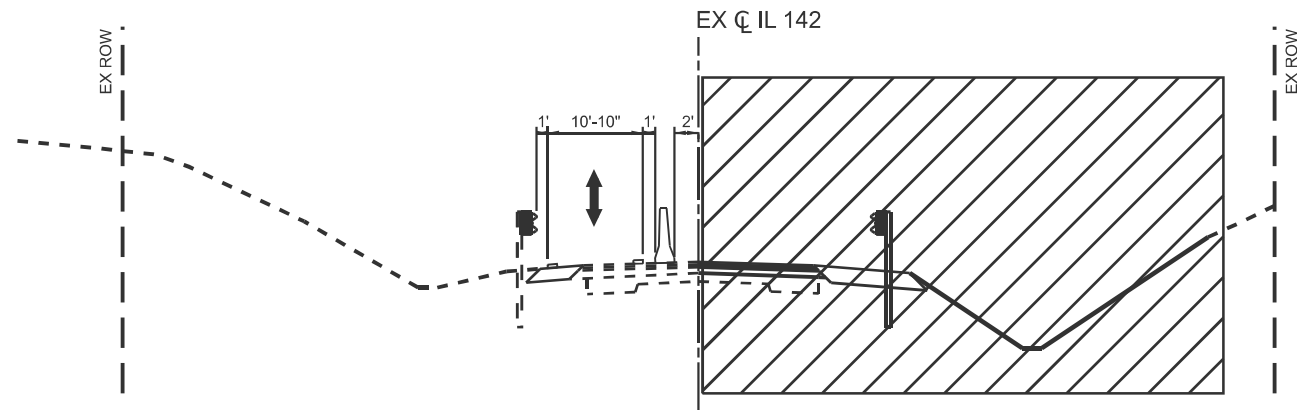
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	16
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan - Plan 1 [Sheet]
 FILE NAME: S:\2025\25IL037 - PTB 21-065 D9 - GEI - Var Ph. H11W0-1 IL-142 Culv. Replace PH2CADD\CADD Sheets\0978935-eh-1-staging_TYP.dgn



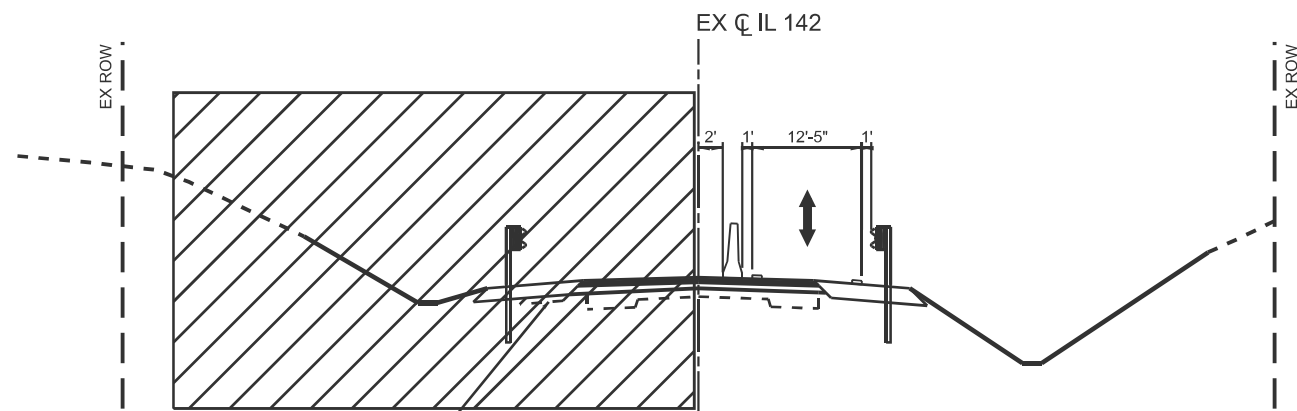
PRESTAGE TYPICAL SECTION

STA 159+00.00 TO STA 164+00.00



STAGE I TYPICAL SECTION

STA 160+42.00 TO STA 160+87.00
 STA 161+56.00 TO STA 162+21.00






STAGE II TYPICAL SECTION

STA 160+42.00 TO STA 160+87.00
 STA 161+56.00 TO STA 162+21.00

REMAINING PRESTAGE SHOULDER AFTER CONSTRUCTION OF HMA SHOULDER 10"

LEGEND

-  TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, TYPE C
-  DIRECTION OF TRAFFIC
-  WORK ZONE

STAGE CONSTRUCTION NOTES

PRESTAGE TRAFFIC

UTILIZE HIGHWAY STANDARD 701326 TO CONSTRUCT PRESTAGE HMA SHOULDER ON THE NORTHBOUND SIDE OF IL 142.

PRESTAGE CONSTRUCTION

CONSTRUCT HMA SHOULDER 10" AS DETAILED IN PRESTAGE TYPICAL SECTION AND PLANS.

STAGE I TRAFFIC

UTILIZE HIGHWAY STANDARD 701321 TO CLOSE SOUTHBOUND LANE. TRAFFIC WILL USE THE NORTHBOUND LANE TO TRAVEL THROUGH THE WORKZONE. TEMPORARY SIGNS SHOWN ON SHEET DISTRICT 9 DETAILS STANDARD 9-34 WILL BE PLACED TO WARN TRAVELERS LEAVING FROM PERSONAL ENTRANCES TO WATCH FOR DIRECTION OF ONE- WAY TRAFFIC.

STAGE I CONSTRUCTION

REMOVE PORTION OF EXISTING CULVERT AND CONSTRUCT A PORTION OF THE PROPOSED CULVERT AS DETAILED ON THE STRUCTURAL PLANS. A 10" PCC PAVEMENT AND SUBBASE WILL BE CONSTRUCTED OVER THE PROPOSED CULVERT AND A PORTION OF THE SOUTHBOUND EXISTING HMA PAVEMENT WILL BE MILLED AT A VARIABLE DEPTH (SEE PAVEMENT TRANSITION DETAIL SHEET). PROPOSED HMA SURFACE COURSE (1 1/2") AND BINDER COURSE (1 3/4" AND VARIABLE DEPTH) WILL BE CONSTRUCTED OUTSIDE THE PCC LIMITS FOR SOUTHBOUND LANES AS SHOWN ON THE PLANS. GUARDRAIL AND HMA SHOULDERS WILL BE PLACED ON THE SOUTHBOUND SIDE OF IL 142.

STAGE II TRAFFIC

UTILIZE HIGHWAY STANDARD 701321 TO CLOSE NORTHBOUND LANE. TRAFFIC WILL USE THE SOUTHBOUND LANE TO TRAVEL THROUGH THE WORKZONE. TEMPORARY SIGNS SHOWN ON SHEET DISTRICT 9 DETAILS STANDARD 9-34 WILL BE PLACED TO WARN TRAVELERS LEAVING FROM PERSONAL ENTRANCES TO WATCH FOR DIRECTION OF ONE- WAY TRAFFIC.

STAGE II CONSTRUCTION

REMOVE REMAINING PORTION OF THE EXISTING CULVERT AND CONSTRUCT THE REMAINING PORTION OF THE PROPOSED CULVERT AS DETAILED ON THE STRUCTURAL PLANS. A 10" PCC PAVEMENT AND SUBBASE WILL BE CONSTRUCTED OVER THE REMAINING PORTION OF THE PROPOSED CULVERT. A PORTION OF THE EXISTING NORTHBOUND HMA PAVEMENT WILL BE MILLED AT A VARIABLE DEPTH (SEE PAVEMENT TRANSITION DETAIL SHEET). PROPOSED HMA SURFACE COURSE (1 1/2") AND BINDER COURSE (1 3/4" AND VARIABLE DEPTH) WILL BE CONSTRUCTED OUTSIDE THE PCC LIMITS FOR NORTHBOUND LANES AS SHOWN ON THE PLANS. GUARDRAIL AND HMA SHOULDERS WILL BE PLACED ON THE NORTHBOUND SIDE OF IL 142. REMOVE A PORTION OF THE PRESTAGE SHOULDER AT A VARIABLE DEPTH TO CONSTRUCT THE PROPOSED 10" HMA SHOULDER AS DETAILED ON THE PLANS.

POST-STAGE TRAFFIC

USE HIGHWAY STANDARD 701311 FOR TRAFFIC CONTROL.

POST-STAGE CONSTRUCTION

PLACE FINAL PAVEMENT MARKINGS.

WIDTH RESTRICTION SIGNAGE

SIX (6) SETS OF WIDTH RESTRICTION SIGNS WILL BE REQUIRED. SIGN DETAILS AND RECOMMENDED LOCATIONS FOR PLACEMENT OF THE WIDTH RESTRICTIONS SIGNS CAN BE SEEN ON THE WIDTH RESTRICTION DETAIL SHEET. PRECISE LOCATIONS WILL BE COORDINATED AT THE PRE-CONSTRUCTION MEETING AND APPROVED BY THE ENGINEER.



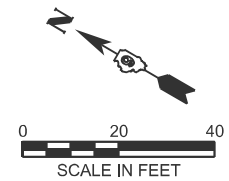
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PLOT DATE = 6/5/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

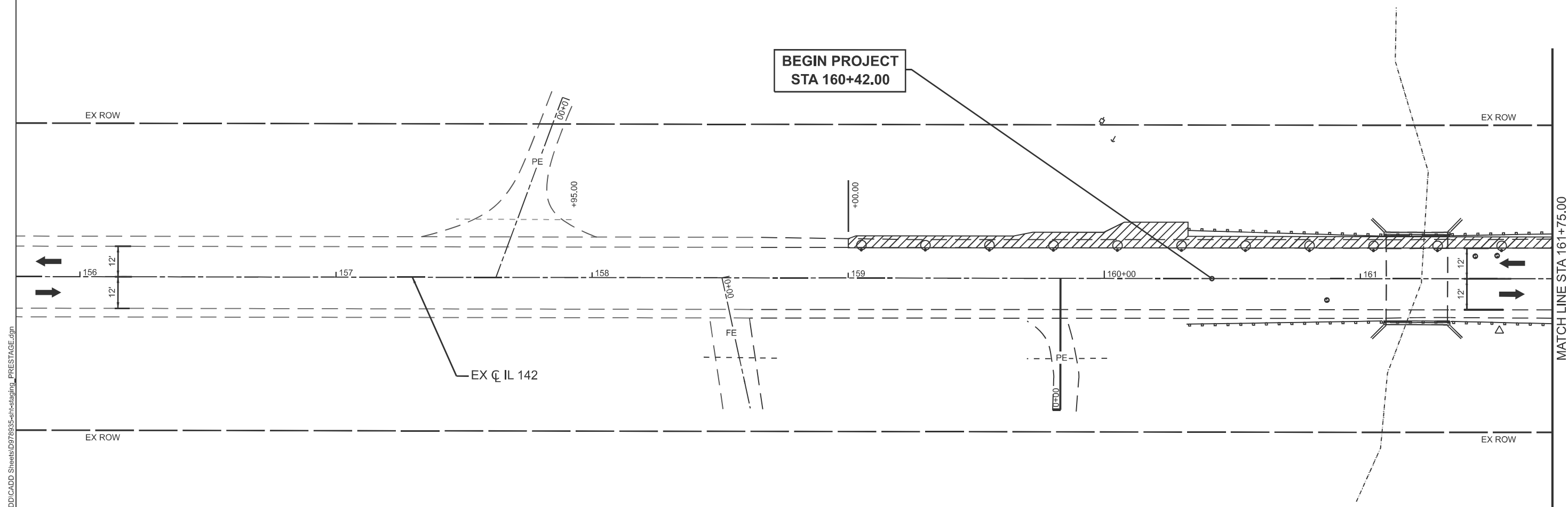
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS & NOTES
 IL 142

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	17
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



**BEGIN PROJECT
STA 160+42.00**



NOTE
TEMPORARY GRADING WILL BE NEEDED DURING PRESTAGE

LEGEND	
	WORK ZONE
	PRESTAGE SHOULDER
	IMPACT ATTENUATOR
	TRAFFIC SIGN
	VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC
	TEMPORARY TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP

MODEL: Unnamed Plan - Plan 1 [Sheet]
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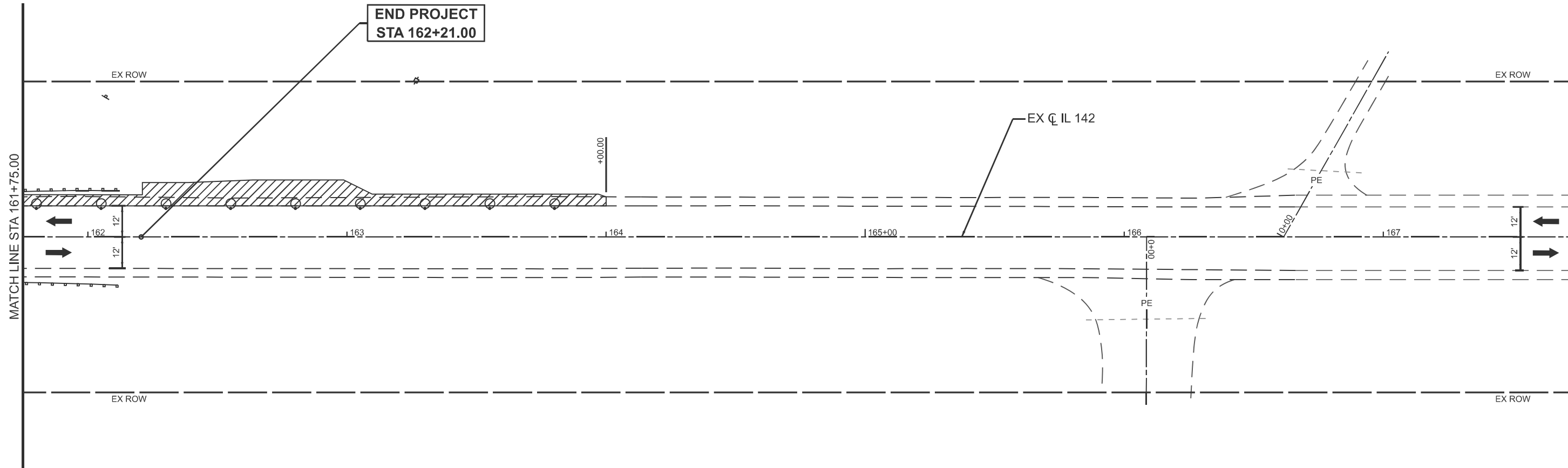
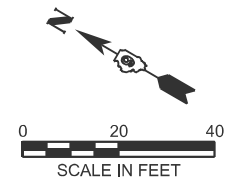
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PLOT DATE	= 6/4/2026	DATE	- 05/08/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PRESTAGE PLAN
IL 142**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 161+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	18
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



**END PROJECT
STA 162+21.00**

MATCH LINE STA 161+75.00

NOTE

TEMPORARY GRADING WILL BE NEEDED DURING PRESTAGE

LEGEND

- WORK ZONE
- PRESTAGE SHOULDER
- IMPACT ATTENUATOR
- TRAFFIC SIGN
- VERTICAL PANEL
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGNAL
- TEMPORARY RUMBLE STRIP

MODEL: Unnamed Plan - Plan 2 [Sheet]
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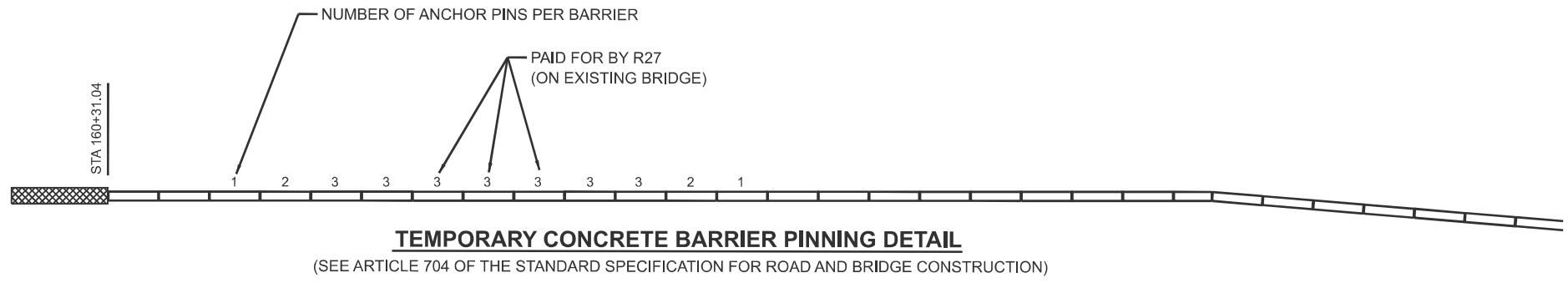
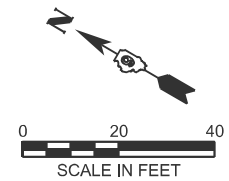
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PLOT DATE	= 6/5/2026	DATE	= 05/08/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

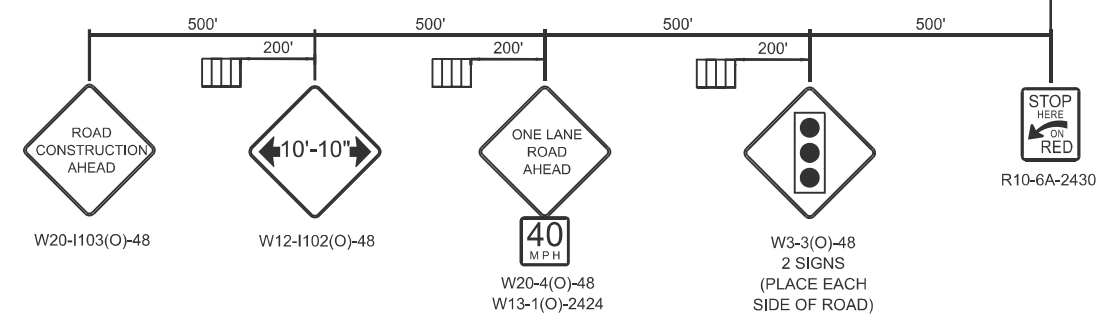
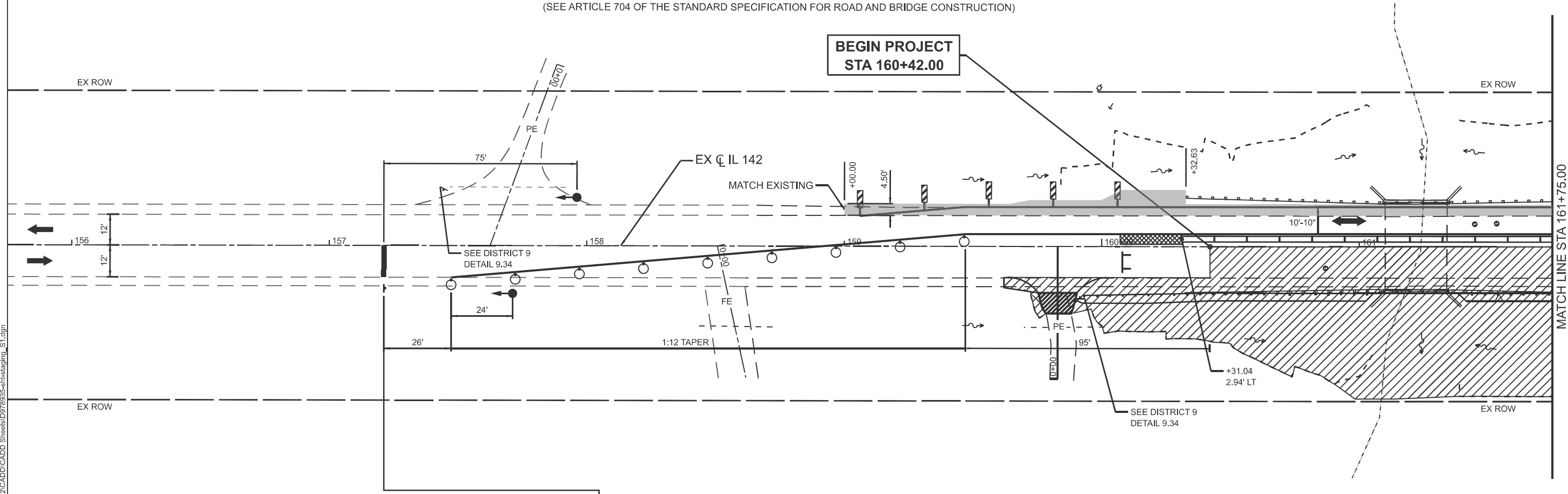
**MAINTENANCE OF TRAFFIC PRESTAGE PLAN
IL 142**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 161+75.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	19
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



**BEGIN PROJECT
STA 160+42.00**



LEGEND	
	WORK ZONE
	PRESTAGE SHOULDER
	IMPACT ATTENUATOR
	TRAFFIC SIGN
	VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC
	TEMPORARY TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP

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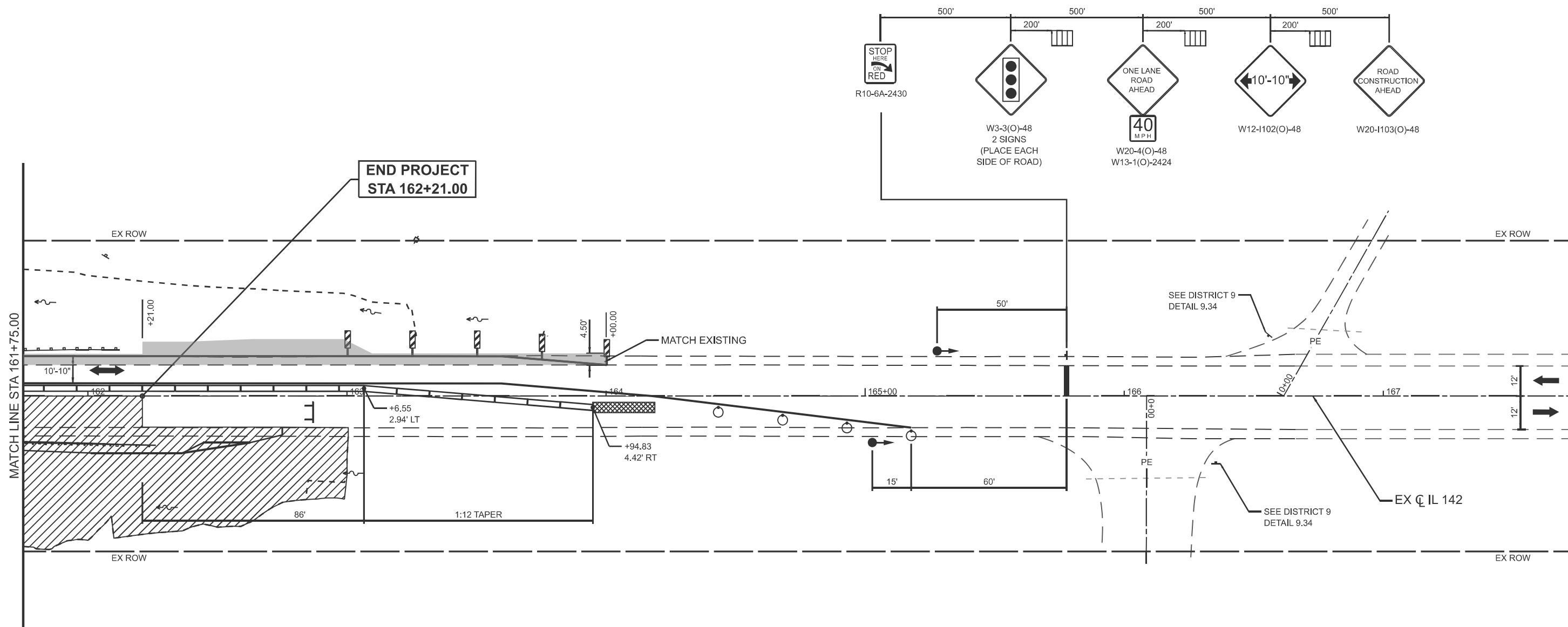
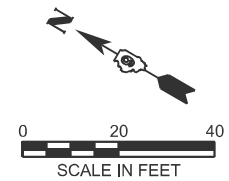
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DATE	05/08/2026	REVISD	-
PLOT DATE	* 6/4/2026		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE I PLAN
IL 142**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 161+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	20
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



LEGEND	
	WORK ZONE
	PRESTAGE SHOULDER
	IMPACT ATTENUATOR
	TRAFFIC SIGN
	VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC
	TEMPORARY TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP

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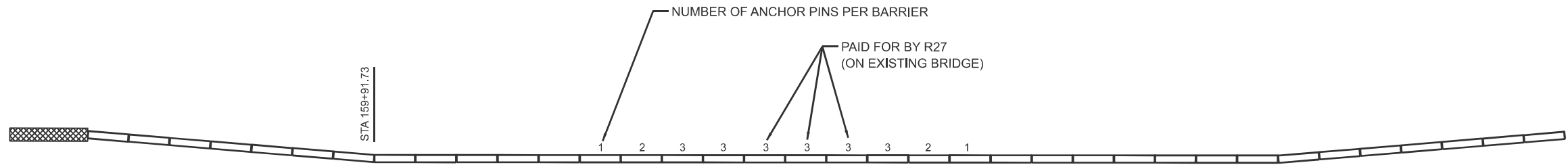
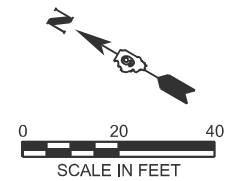
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

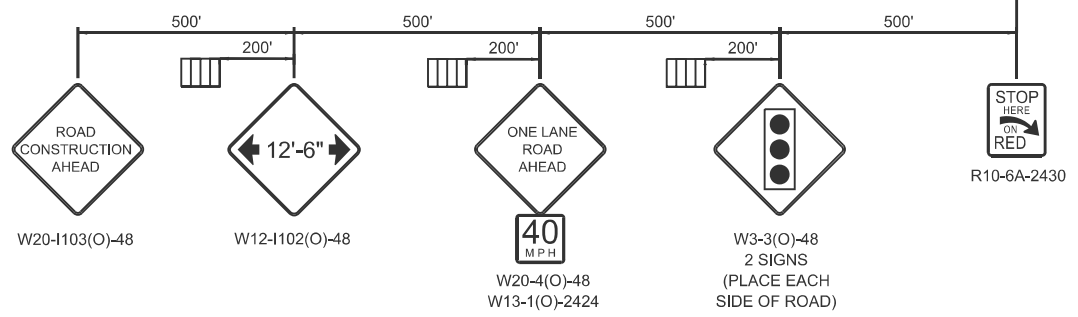
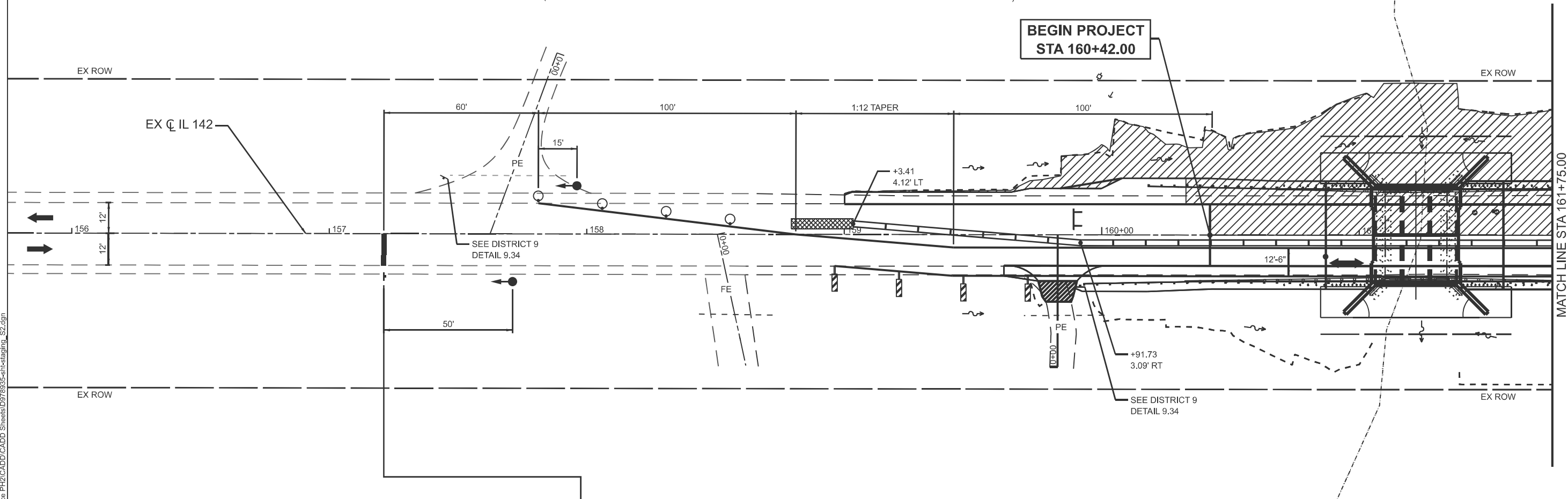
MAINTENANCE OF TRAFFIC STAGE I PLAN
IL 142

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 161+75.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	21
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



TEMPORARY CONCRETE BARRIER PINNING DETAIL
 (SEE ARTICLE 704 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION)



LEGEND

- WORK ZONE
- PRESTAGE SHOULDER
- IMPACT ATTENUATOR
- TRAFFIC SIGN
- VERTICAL PANEL
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGNAL
- TEMPORARY RUMBLE STRIP

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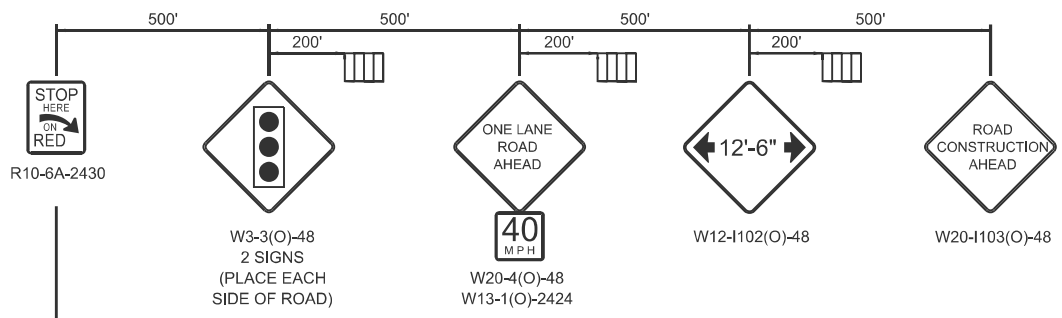
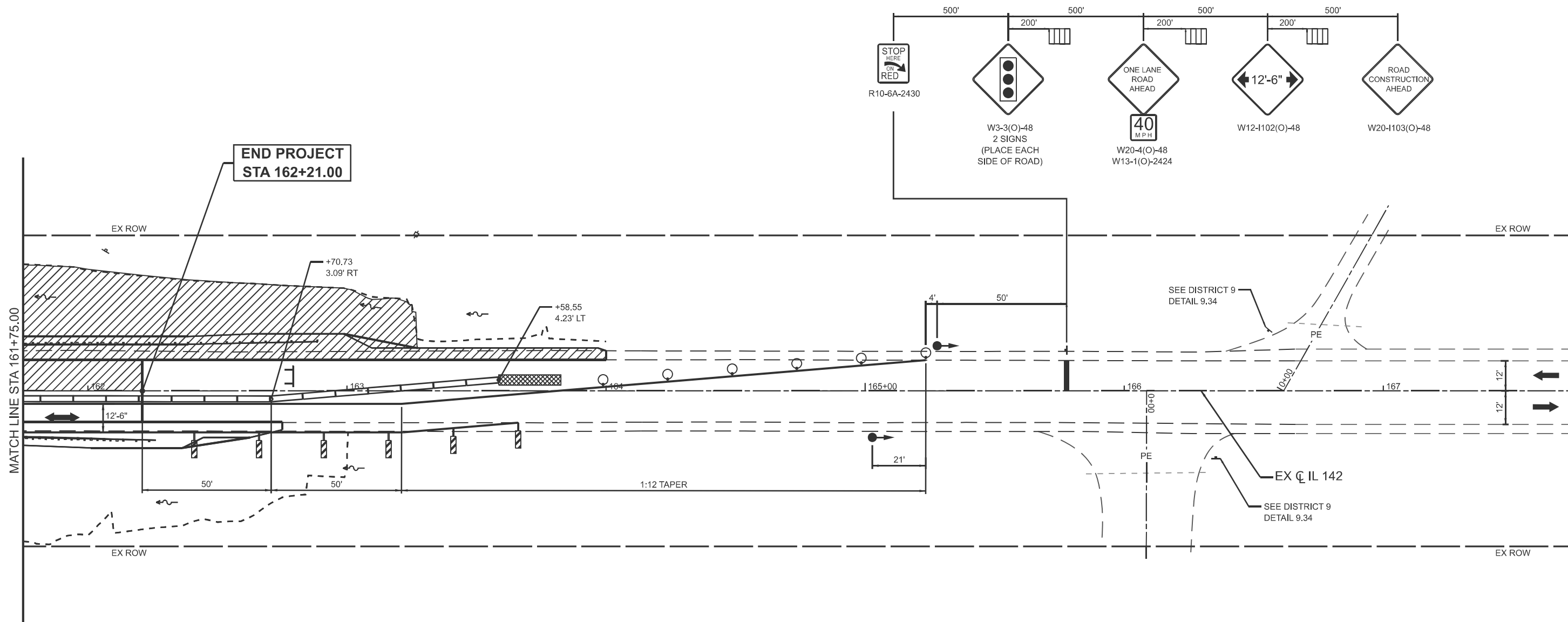
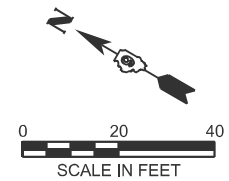
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE II PLAN
IL 142

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. BEGIN TO STA. 161+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	22
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



**END PROJECT
STA 162+21.00**

LEGEND	
	WORK ZONE
	PRESTAGE SHOULDER
	IMPACT ATTENUATOR
	TRAFFIC SIGN
	VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DIRECTION OF TRAFFIC
	TEMPORARY TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP

MODEL: Unnamed Plan - Plan 2 (Sheet)
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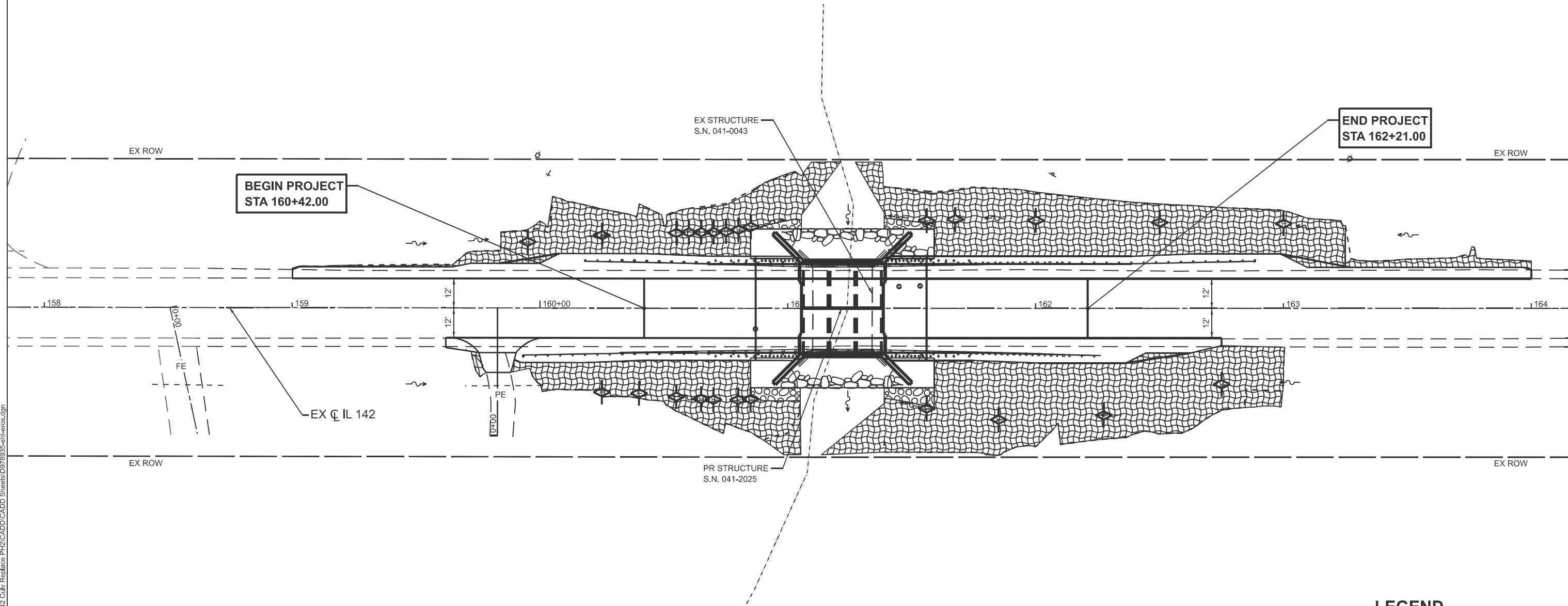
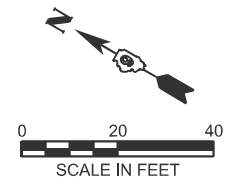
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**MAINTENANCE OF TRAFFIC STAGE II PLAN
IL 142**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 161+75.00 TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	23
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



LEGEND

-  SEEDING, CLASS 7
NITROGEN FERTILIZER NUTRIENT
MULCH, METHOD 2
EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING
-  STONE RIPRAP, CLASS A4
-  TEMPORARY DITCH CHECKS
-  EX FLOWLINE

MODEL: Unnamed Plan - Plan 1 [Sheet]
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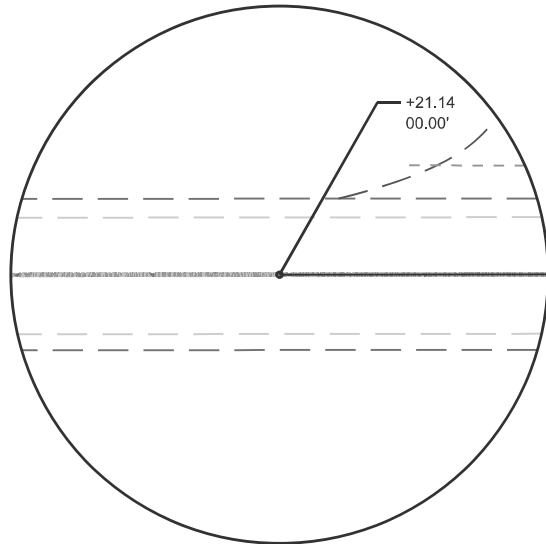
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

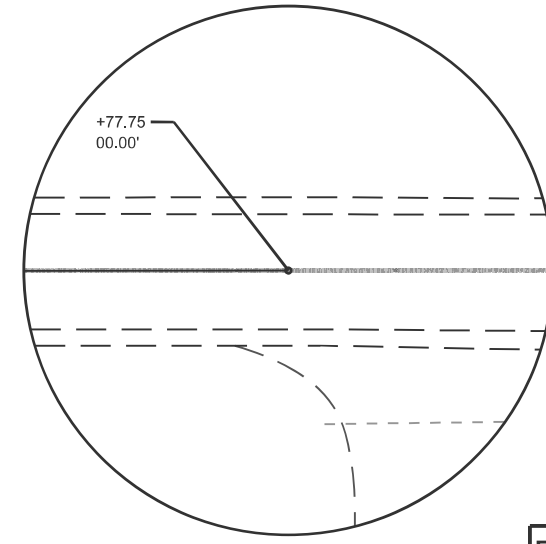
**EROSION AND SEDIMENT CONTROL PLAN
IL 142**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 157+85.00 TO STA. 164+15.00

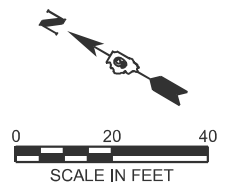
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849	113B-2	JEFFERSON	67	24
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



CENTERLINE PAVEMENT MARKING STARTS

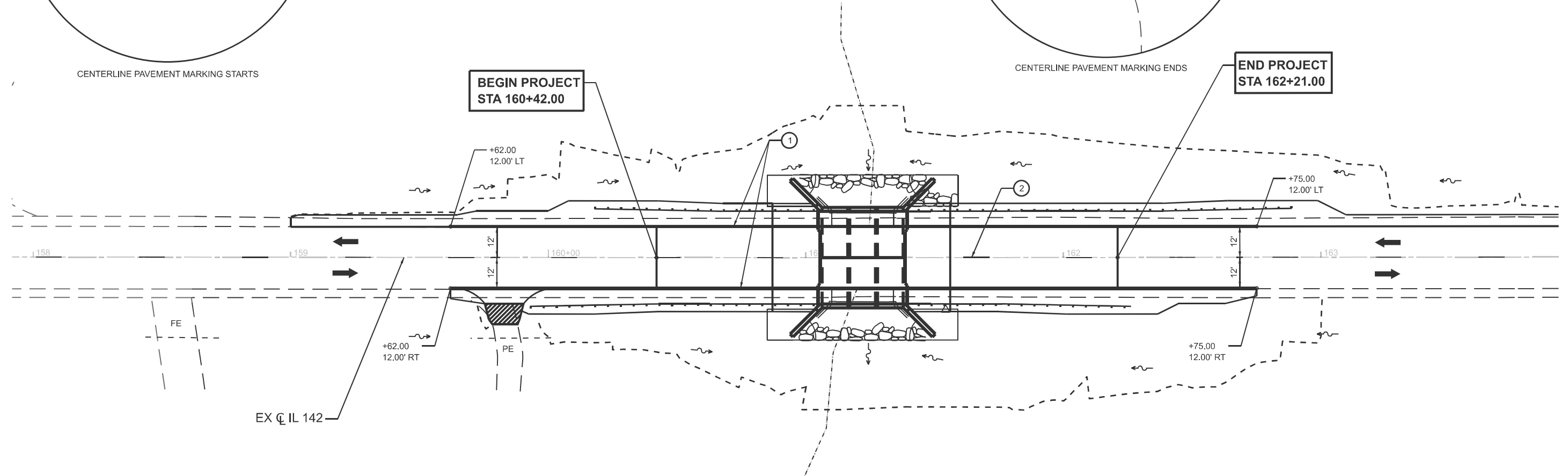


CENTERLINE PAVEMENT MARKING ENDS



**BEGIN PROJECT
STA 160+42.00**

**END PROJECT
STA 162+21.00**



EX \varnothing IL 142

NOTE

SHORT TERM AND TEMPORARY PAVEMENT MARKING QUANTITIES HAVE BEEN PROVIDED FOR THE CONTRACTOR FOR DELAYS IN PLACING FINAL PAVEMENT MARKINGS.

LEGEND

- ① PAINT PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② PAINT PAVEMENT MARKING - LINE 4" (YELLOW SKIP-DASH)

MODEL: IL 142 - Plan 1 (Sheet)
FILE NAME: S:\2025\251\037 - PTB 21\065 D9 - GEI - Var Ph.H\IWO-1 IL-142 Culv.Replace.PH2\CADD\CADD Sheets\0978935-eh-cmk.dgn



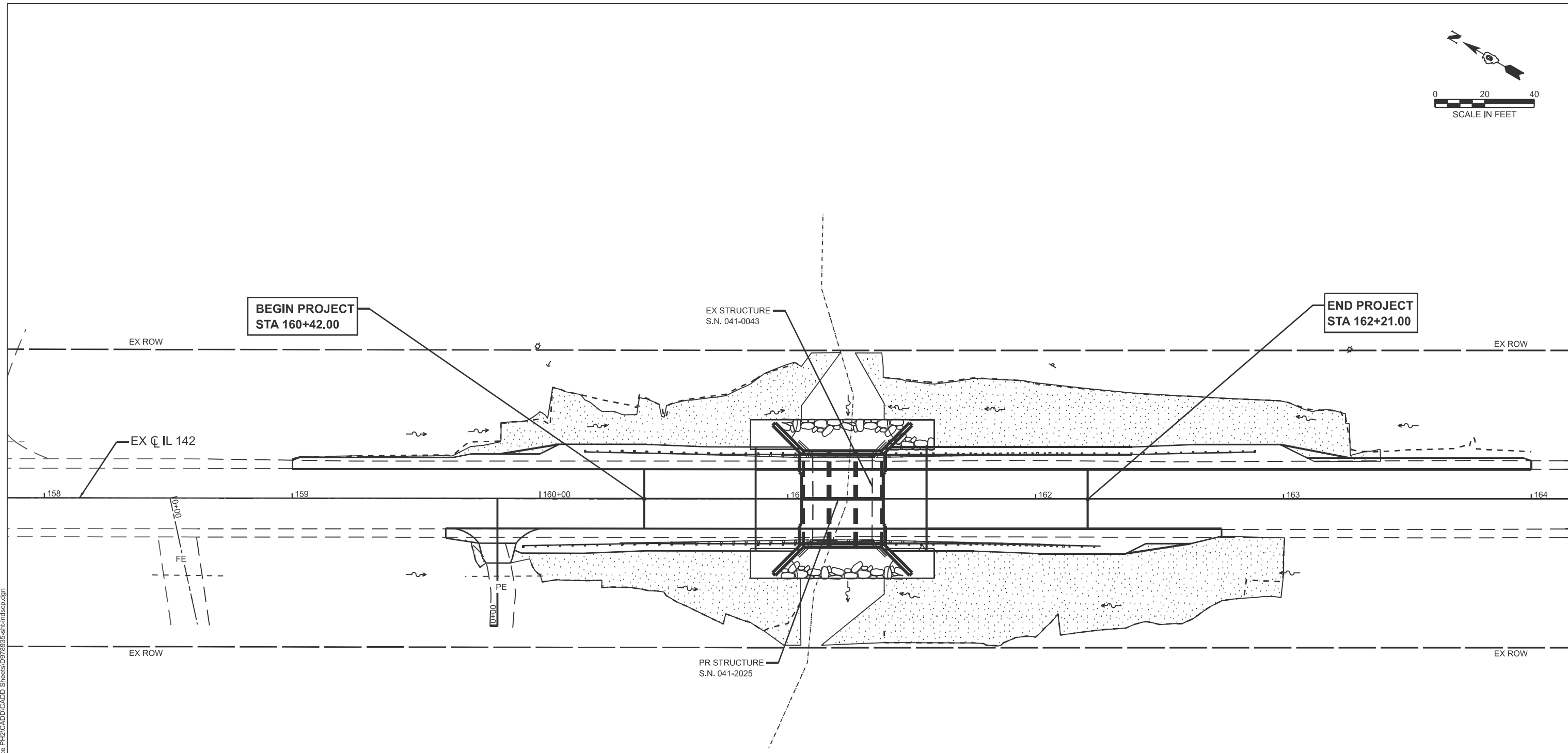
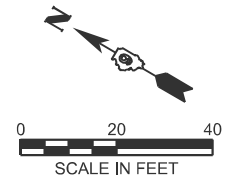
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL 142**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 159+62.00 TO STA. 163+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	25
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



LEGEND

- SEEDING, CLASS 2
NITROGEN FERTILIZER NUTRIENT
PHOSPHORUS FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
- PR FLOWLINE

MODEL: Unnamed Plan - Plan 1 [Sheet]
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	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEEDING PLAN
IL 142**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 157+85.00 TO STA. 164+15.00

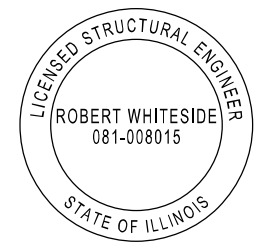
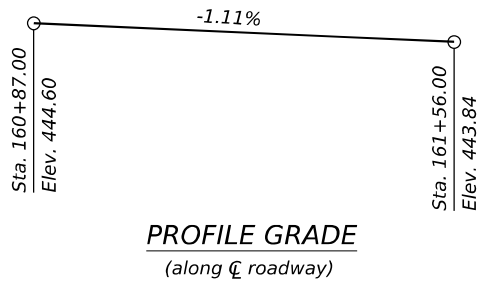
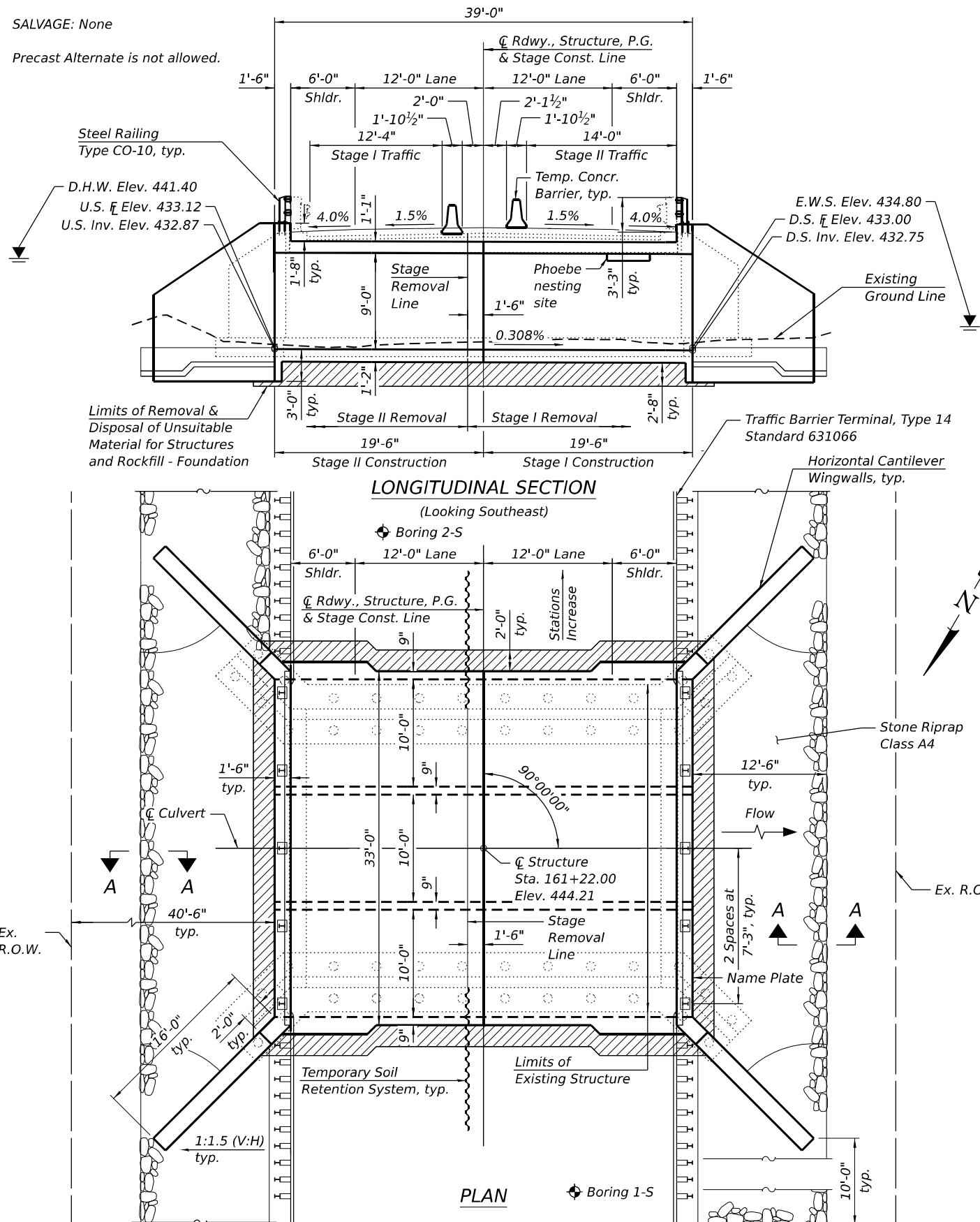
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	26
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

BENCHMARK: BM #4143 Chiseled "C" on top of SW Wingwall on SN 041-0043. Elev. 443.11

EXISTING STRUCTURE: SN 041-0043 was built in 1928 as SBI Route 142 Section 113.B. The structure is a single span reinforced concrete slab on closed abutments supported on timber piles. The back-to-back of abutment length is 26'-0" and the out-to-out width is 36'-2". Traffic will be maintained utilizing stage construction.

SALVAGE: None

Precast Alternate is not allowed.



Robert Whiteside 2/3/2026
 Robert Whiteside, Illinois S.E. 081-008015 Date
 Expires 11/30/2026

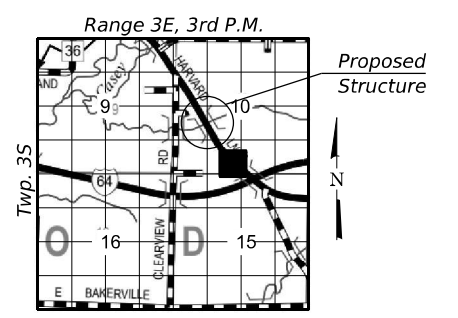
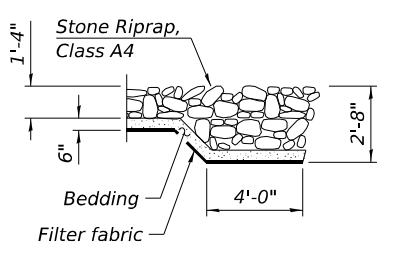
APPROVED
 FOR STRUCTURAL ADEQUACY ONLY

Mark Steffen
 ENGINEER OF BRIDGES & STRUCTURES

WATERWAY INFORMATION

Drainage Area = 2.3 sq. mi		Existing Overtopping Elev. = 441.83		at Sta. 164+13.00		
		Proposed Overtopping Elev. = 441.83		at Sta. 164+13.00		
Flood Event	Freq. Yr.	Discharge (cfs)	Waterway Opening (sf)	Natural H.W.E. (ft)	Head (ft)	Headwater Elev. (ft)
			Existing	Proposed	Existing	Proposed
Ten-Year Design	10	974	160	225	440.6	441.2
Base	100	1,900	176	249	441.4	442.5
Overtop Existing	10	974	160	255	440.6	442.5
Overtop Proposed	50	1,610	176	249	441.4	442.5
Max. Calc.	500	2,660	176	263	442.2	443.2

10-Year Velocity through Existing Structure = 4.9 ft/s
 10-Year Velocity through Proposed Structure = 4.0 ft/s



DESIGN SPECIFICATIONS
 2024 AASHTO LRFD Bridge Design Specifications, 10th Edition

LOADING HL-93
 Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
 FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

- INDEX OF SHEETS**
1. General Plan and Elevation
 2. General Data
 3. Stage Construction Details
 4. Temporary Concrete Barrier
 5. Culvert Plan and Elevation
 6. Culvert Details
 7. Steel Railing, Type CO-10
 8. Bar Splicer Details
 9. Boring Logs

GENERAL PLAN AND ELEVATION
IL ROUTE 142 OVER STREAM
F.A.P. RTE. 849 - SECTION 113B-2
JEFFERSON COUNTY
STATION 161+22.00
STRUCTURE NO. 041-2025

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 QUIGG ENGINEERING INC
 DESIGN FIRM REG. NO. 184.004721

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

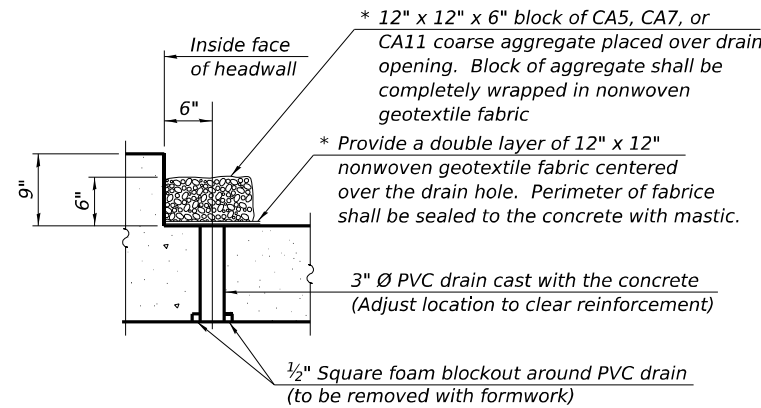
GENERAL PLAN AND ELEVATION
STRUCTURE NO. 041-2025
 SHEET 1 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	27
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
 Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing top slab. The Contractor shall sawcut the upper portion of the existing abutments at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
 Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing Systems for Buried Structures.
 Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications. Cost shall be included with Concrete Box Culverts.
 The limits and quantities of removal and disposal of unsuitable materials shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.
 The Rock Fill - Foundation shall be capped with 6 in. of CA7 and satisfy the Standard Specifications unless otherwise indicated in the Special provisions. The cost of the capping material shall be included in the pay item for Rock Fill - Foundation.
 Protective Coat shall be applied to the top of the headwalls and to the exposed inside face of the headwalls.

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



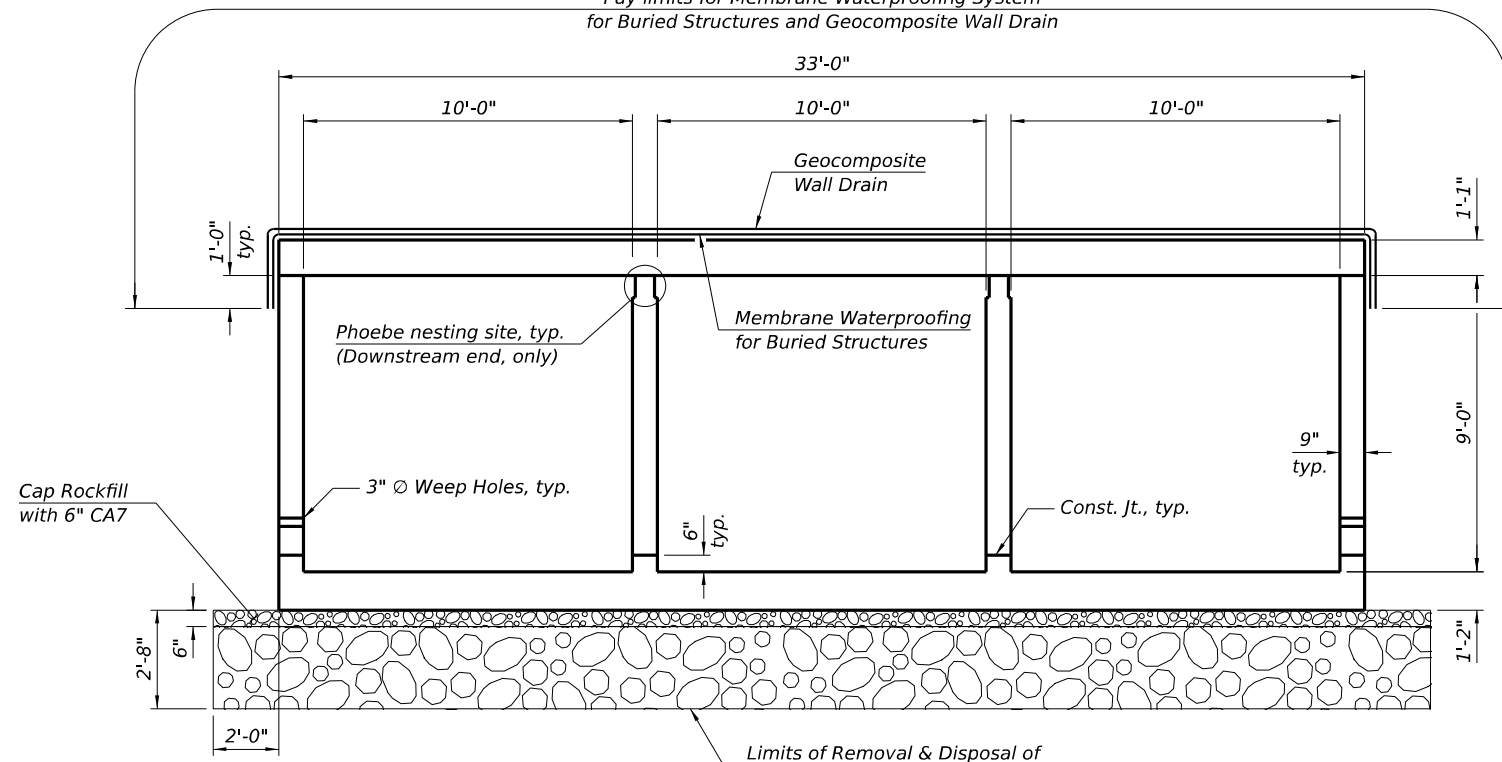
DRAIN DETAIL

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

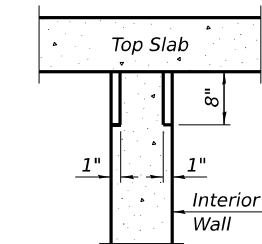
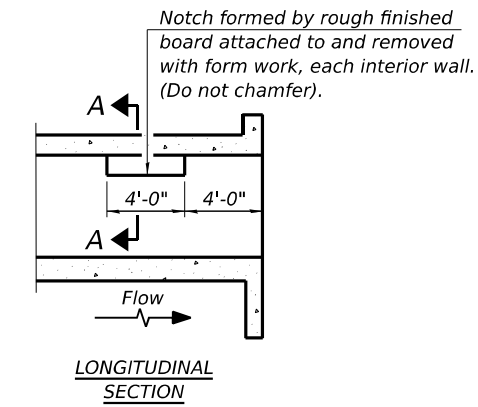
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	248
Stone Riprap, Class A4	Sq. Yd.	205
Filter Fabric	Sq. Yd.	205
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	95.0
Removal and Disposal of Unsuitable Materials for Structures	Cu. Yd.	168
Protective Coat	Sq. Yd.	18
Reinforcement Bars, Epoxy Coated	Pound	40,560
Bar Splicers	Each	172
Steel Railing, Type CO-10	Foot	66
Name Plates	Each	1
Temporary Soil Retention System	Sq. Ft.	517
Concrete Box Culverts	Cu. Yd.	208.6
Geocomposite Wall Drain	Sq. Yd.	152
Rock Fill - Foundation	Ton	294
Membrane Waterproofing System for Buried Structures	Sq. Yd.	152

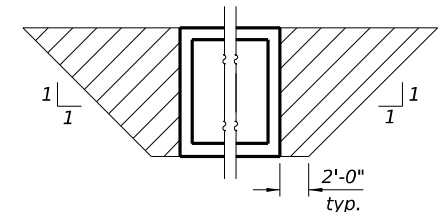
Pay limits for Membrane Waterproofing System for Buried Structures and Geocomposite Wall Drain



SECTION THRU BARREL



PHOEBE NESTING SITE DETAILS (Downstream End Only)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT (Hatched Area)

STA. 161+22.00
 BUILT BY
 STATE OF ILLINOIS
 F.A.P. RT. 849 SEC. 113B-2
 LOADING HL 93
 STR. NO. 041-2025

NAME PLATE
 See Std. 515001

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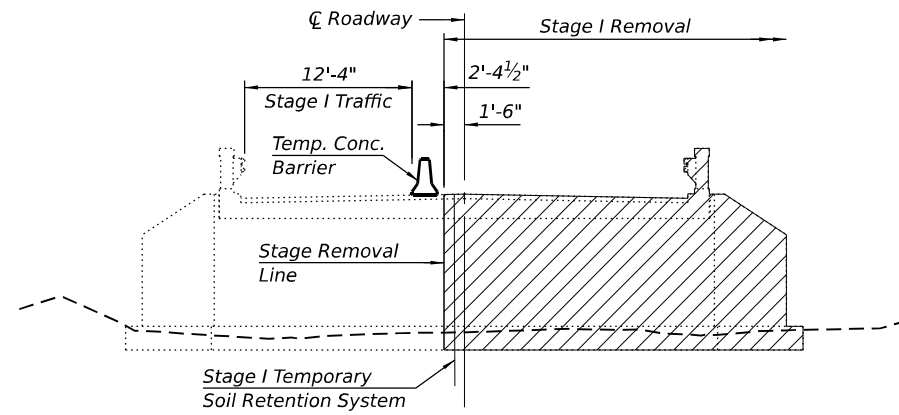
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

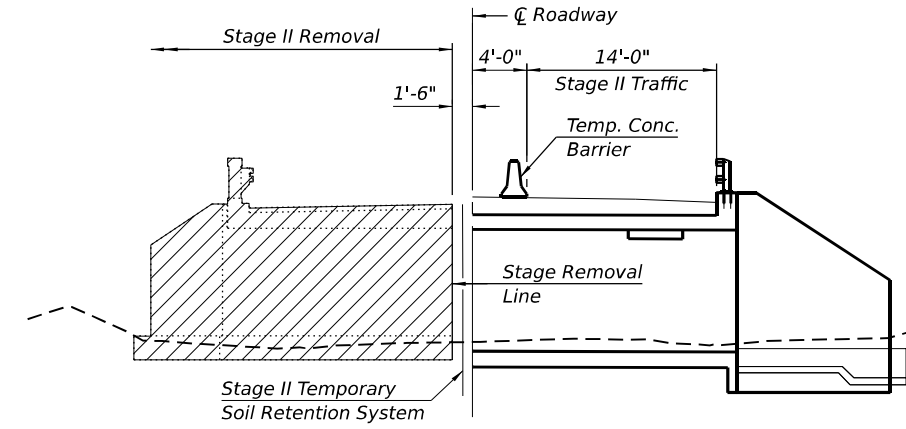
**GENERAL DATA
 STRUCTURE NO. 041-2025**

SHEET 2 OF 9 SHEETS

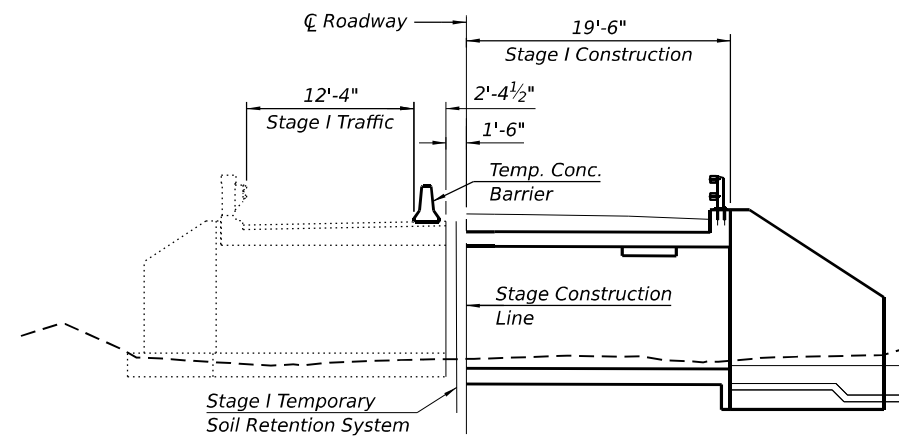
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849	113B-2	JEFFERSON	67	28
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



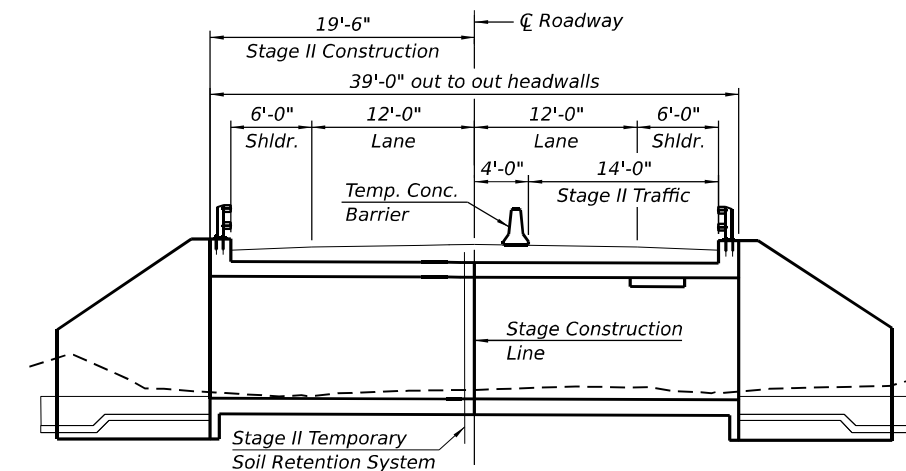
STAGE I REMOVAL
(Looking Southeast)



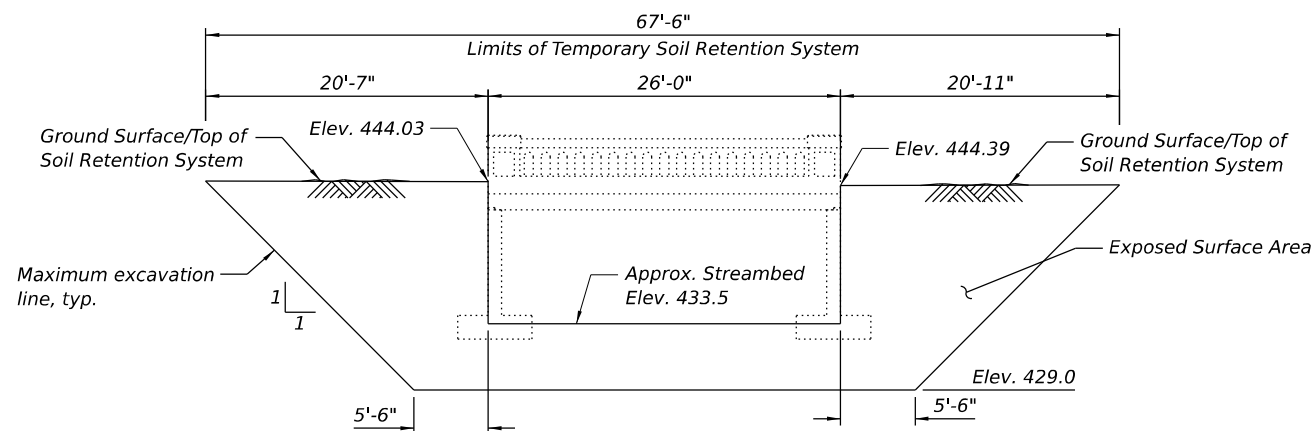
STAGE II REMOVAL
(Looking Southeast)



STAGE I CONSTRUCTION
(Looking Southeast)

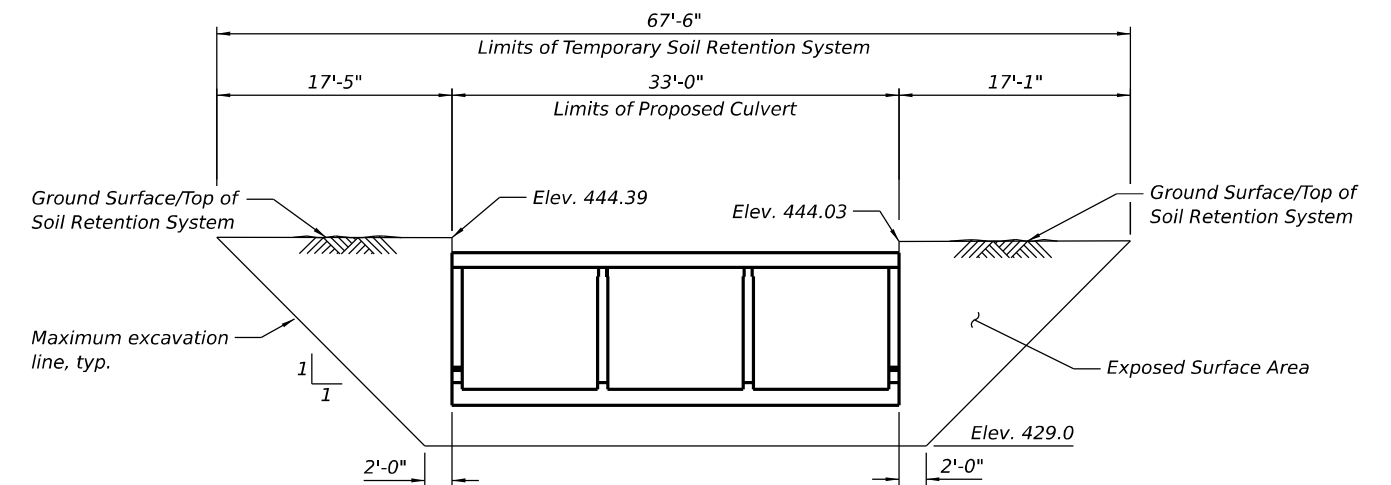


STAGE II CONSTRUCTION
(Looking Southeast)



STAGE I - TEMPORARY SOIL RETENTION SYSTEM
(Looking Southwest)

(Dimensions measured along face of Temporary Soil Retention System, U.N.O.)



STAGE II - TEMPORARY SOIL RETENTION SYSTEM
(Looking Northeast)

(Dimensions measured along face of Temporary Soil Retention System, U.N.O.)

Notes:
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plans details and calculations for review and acceptance by the Engineer.
See sheet 1 of 9 for additional information on the location of the TSRS.
Hatched area indicates Removal of Existing Structures.
See sheet 4 of 9 for temporary concrete barrier details.

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DESIGN FIRM REG. NO. 184.004721

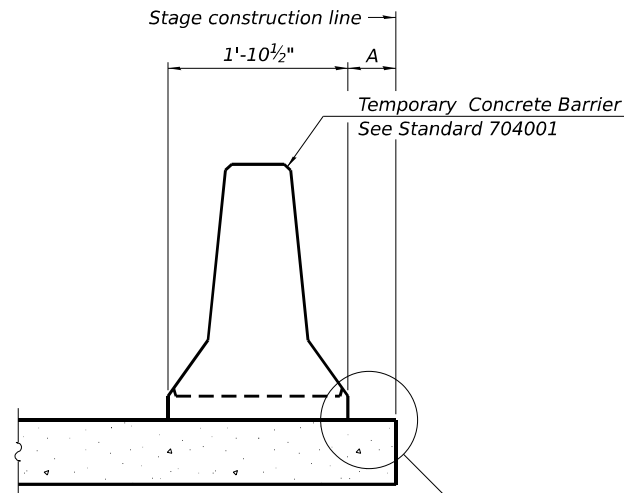
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 041-2025

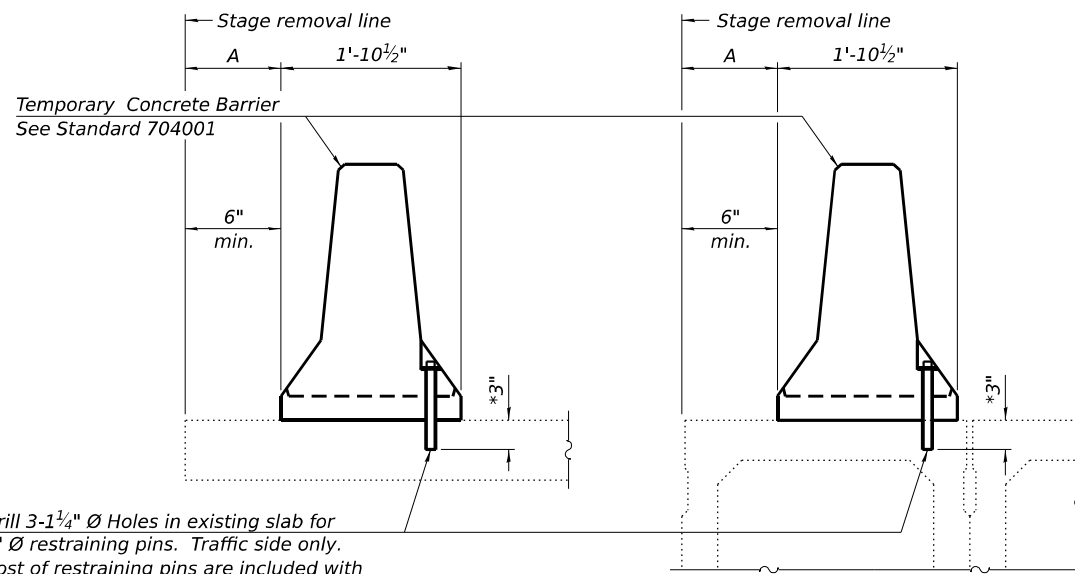
SHEET 3 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	29
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



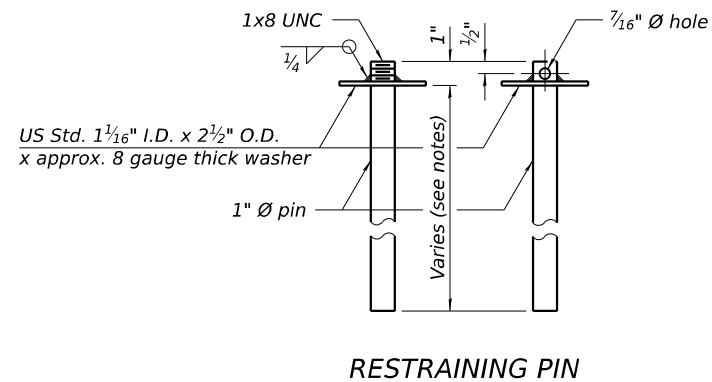
Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

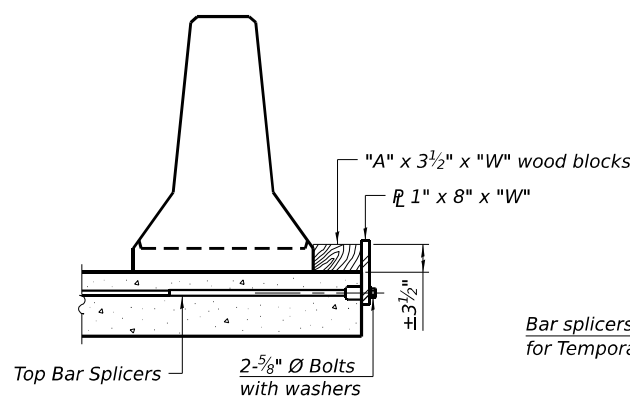
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

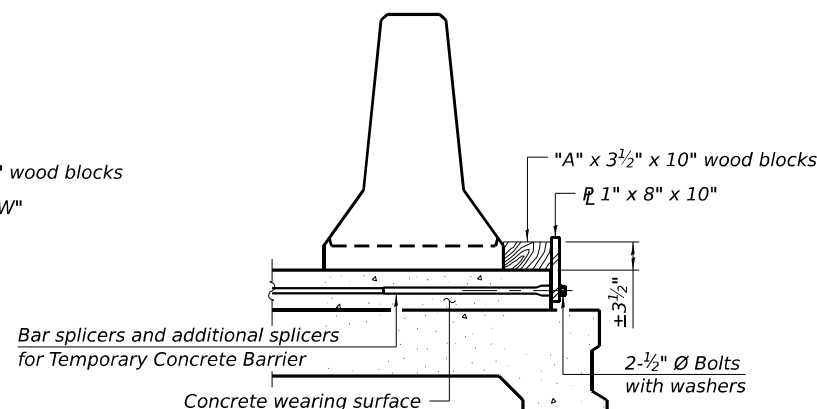
SECTIONS THRU SLAB OR DECK BEAM



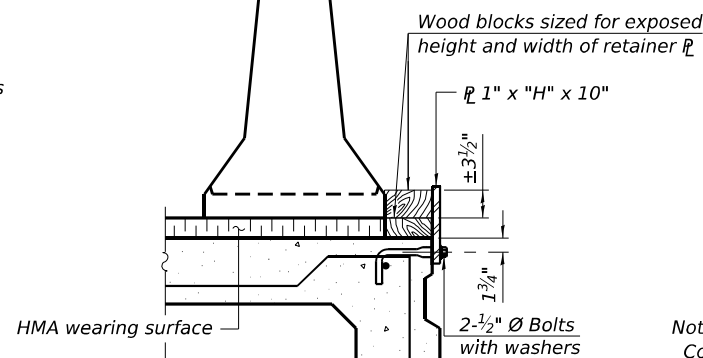
RESTRAINING PIN



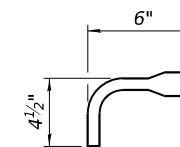
DETAIL I



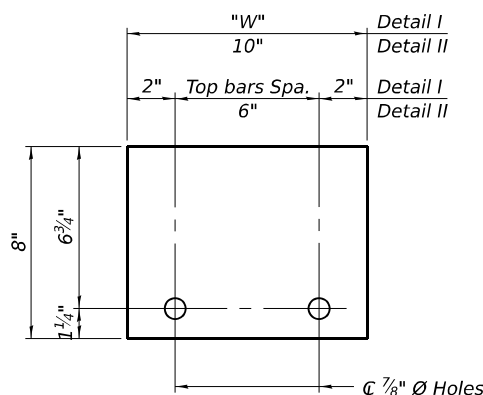
DETAIL II



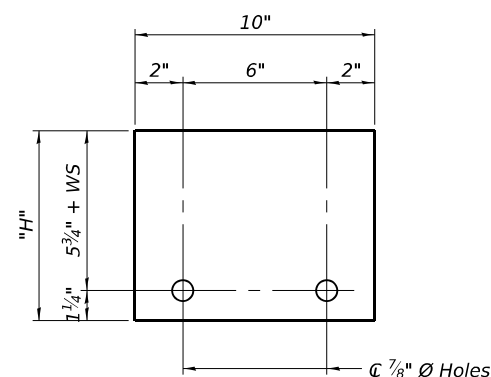
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W" (Detail I and II)



STEEL RETAINER 1" x "H" x 10" (Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate C of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27 5-15-2023

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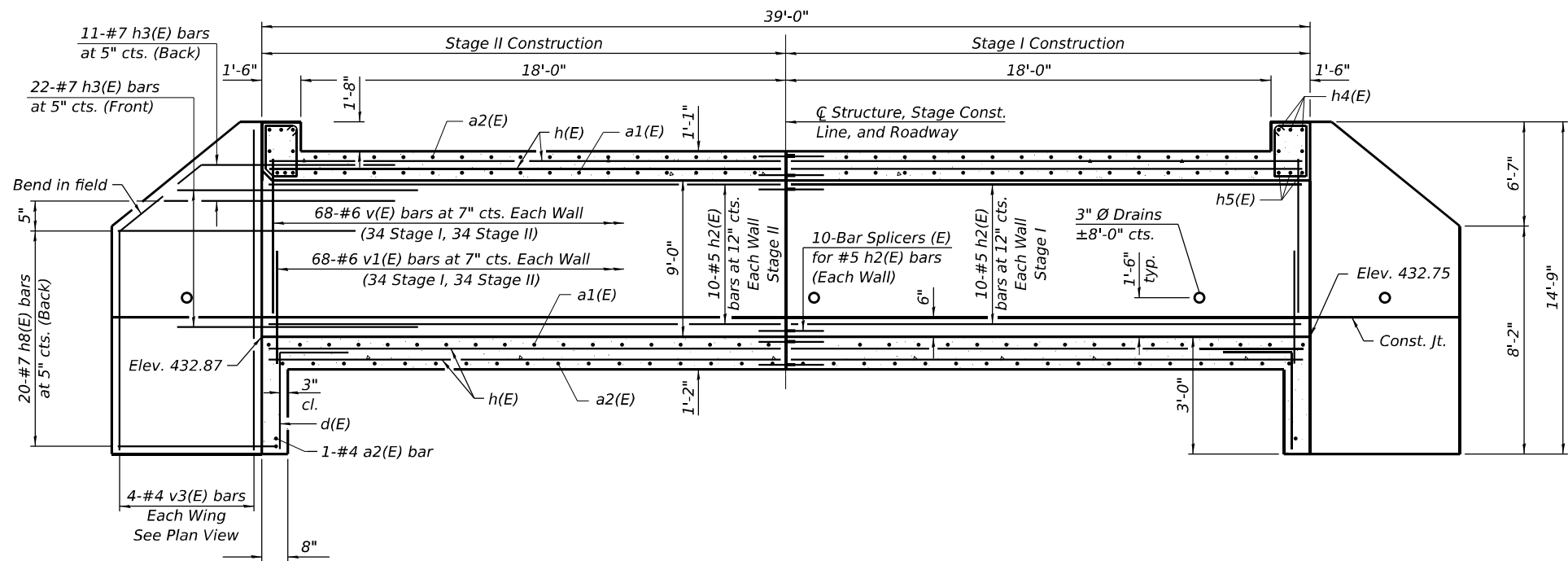
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

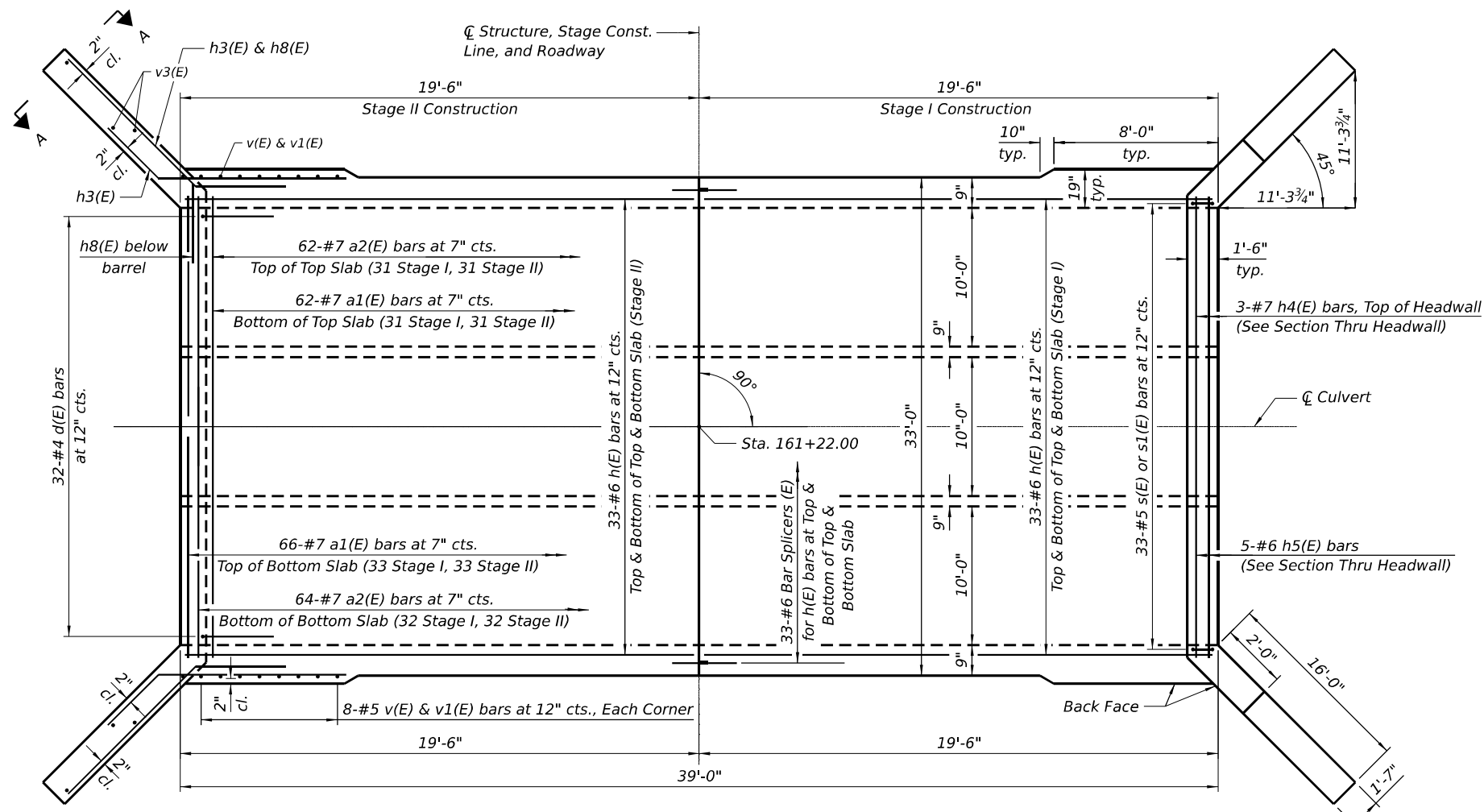
TEMPORARY CONCRETE BARRIER
 STRUCTURE NO. 041-2025

SHEET 4 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



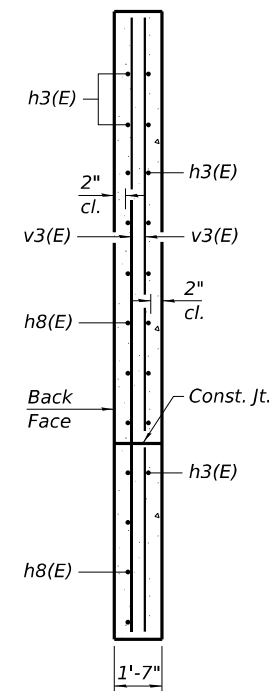
LONGITUDINAL SECTION



SHOWING TOEWALL

PLAN

SHOWING HEADWALL



SECTION A-A



Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 At the Contractor's option, a longer v1 bar may be ordered to replace the v bar. No reduction in quantities shall be made for this substitution.
 See Sheet 6 of 9 for additional details.
 Cut h8(E) bars to fit wingwall for bars below the bottom slab going into the toewall.
 Space headwall reinforcement to avoid Steel Railing, Type CO-10 anchor rods.

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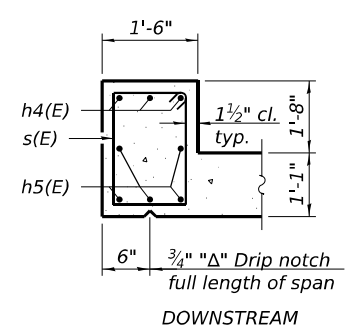
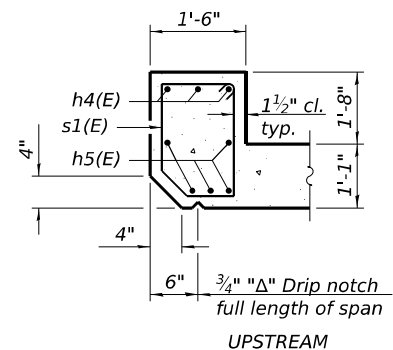
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

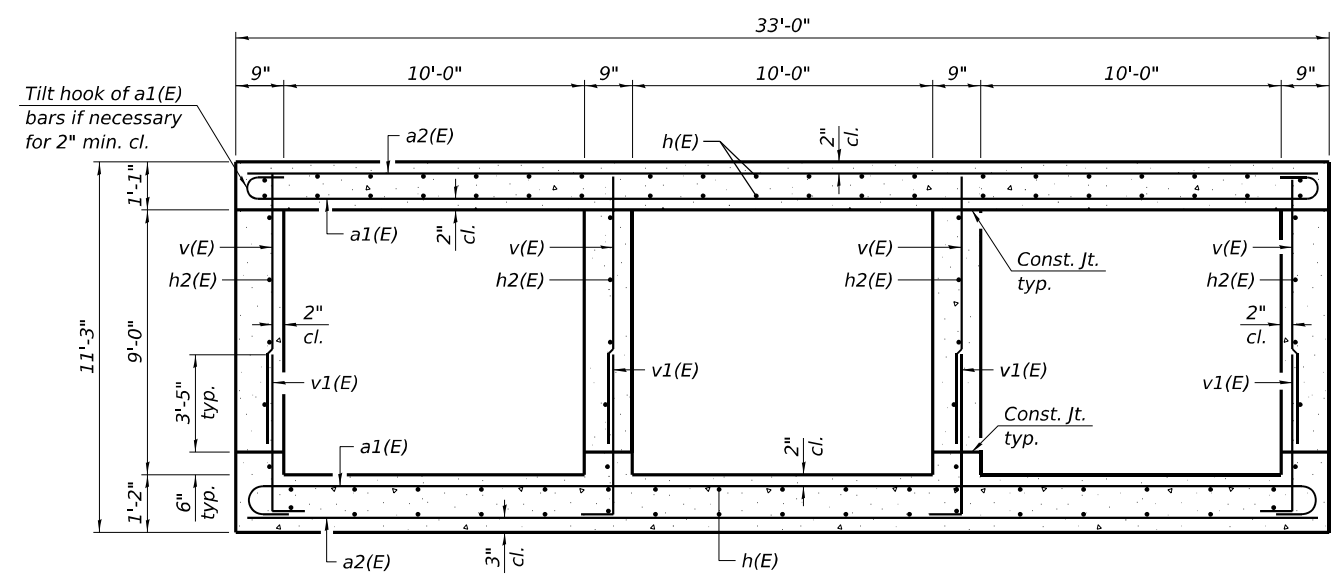
CULVERT PLAN AND ELEVATION
STRUCTURE NO. 041-2025

SHEET 5 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	31
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



SECTION THRU HEADWALL

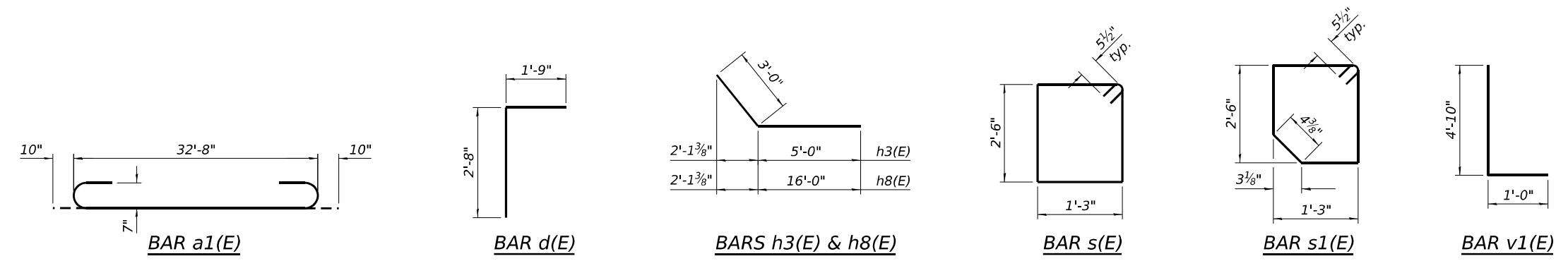


SECTION THRU BARREL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	128	#7	34'-4"	
a2(E)	126	#7	32'-8"	
d(E)	64	#4	4'-5"	
h(E)	264	#6	19'-2"	
h2(E)	80	#5	19'-2"	
h3(E)	132	#7	8'-0"	
h4(E)	6	#7	32'-8"	
h5(E)	10	#6	32'-8"	
h8(E)	80	#7	19'-0"	
s(E)	33	#5	8'-5"	
s1(E)	33	#5	8'-4"	
v(E)	304	#6	9'-3"	
v1(E)	304	#6	5'-10"	
v3(E)	16	#4	14'-5"	
Concrete Box Culverts			Cu. Yd.	208.6
Reinforcement Bars, Epoxy Coated			Pound	40,560

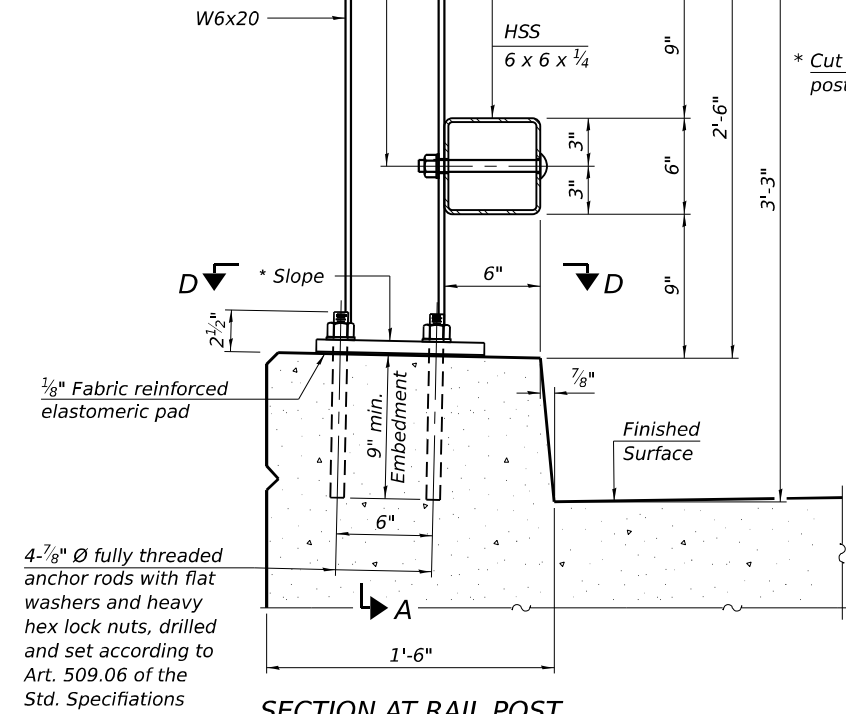
Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 At the Contractor's option, a longer v1 bar may be ordered to replace the v bar. No reduction in quantities shall be made for this substitution.
 See Sheet 5 of 9 for additional details.



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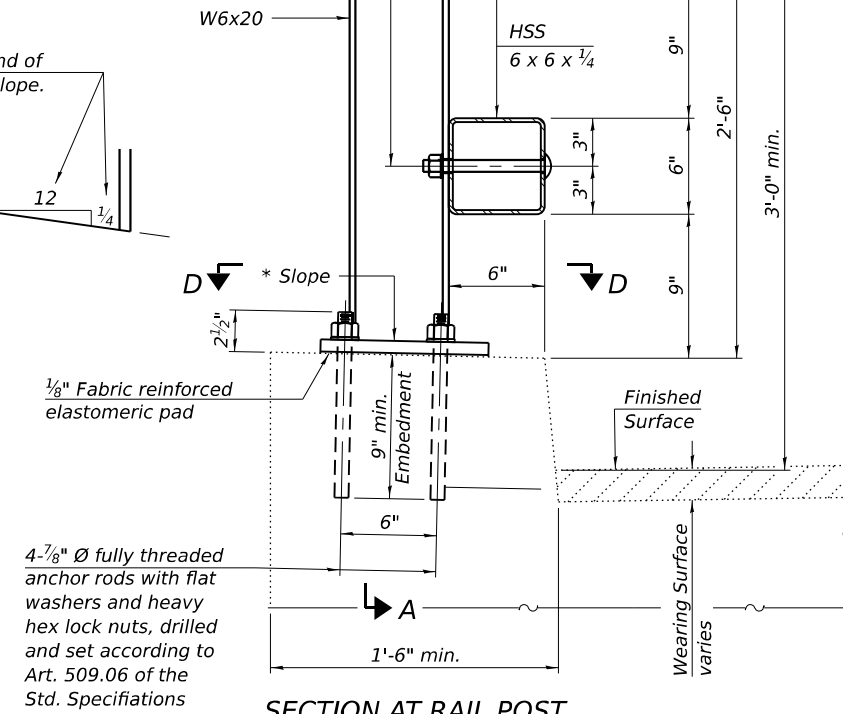
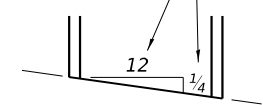
4 - 3/4" Ø x 7 1/2" Round head bolts with heavy hex locknuts and flat washers. Field drill 7/8" Ø holes in HSS tubing using holes in post as template.



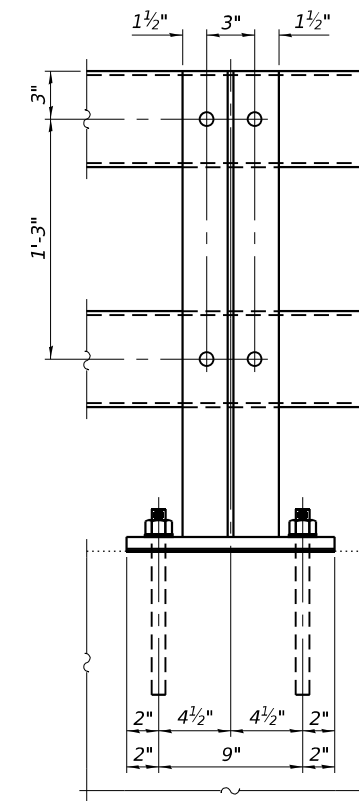
SECTION AT RAIL POST
(New construction)

4 - 3/4" Ø x 7 1/2" Round head bolts with heavy hex locknuts and flat washers. Field drill 7/8" Ø holes in HSS tubing using holes in post as template.

* Cut bottom end of post to curb slope.

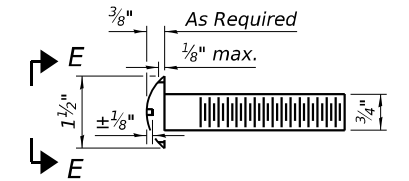


SECTION AT RAIL POST
(Retrofit construction)



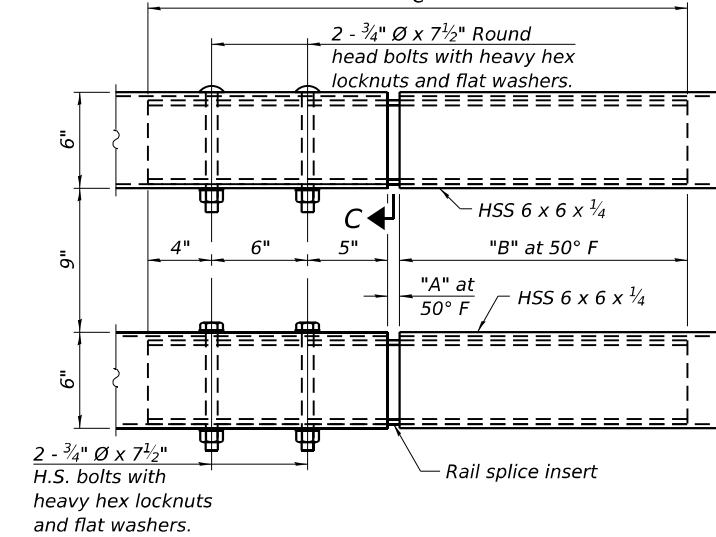
SECTION A-A

Notes:
 All HSS tubing shall be ASTM A500 grade C.
 All plates shall be AASHTO M270 grade 50.
 All heavy hex nuts shall be according to ASTM A563 grade DH.
 All fully threaded anchor rods shall be ASTM F1554 grade 105.
 The post base plate shall be fastened to the curb snug tight and given an additional 1/8" turn.
 Posts shall not be located closer than 2'-6" to a bridge expansion joint.
 Provide one 3/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.
 All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
 All HSS tubing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.
 Rail splice inserts may be built out of 2 - 3/8" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.
 All round head bolts shall be ASTM A449.
 The centerline of rail splices shall be placed between 1'-8" to 2'-6" from the centerline of the posts. The free end of the splice tube shall be oriented away from the closest post.

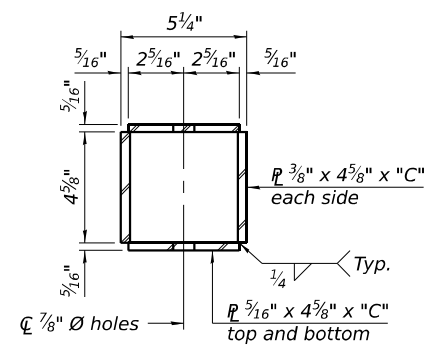


ROUND HEAD BOLT DETAIL

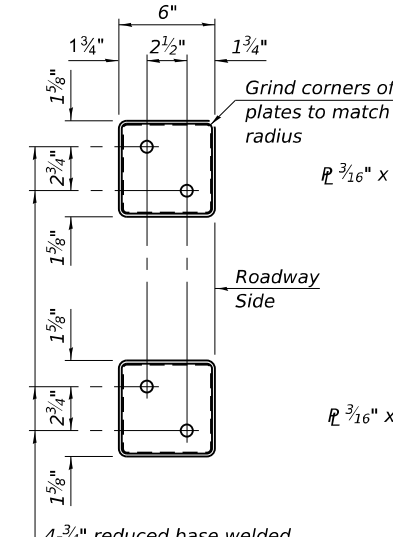
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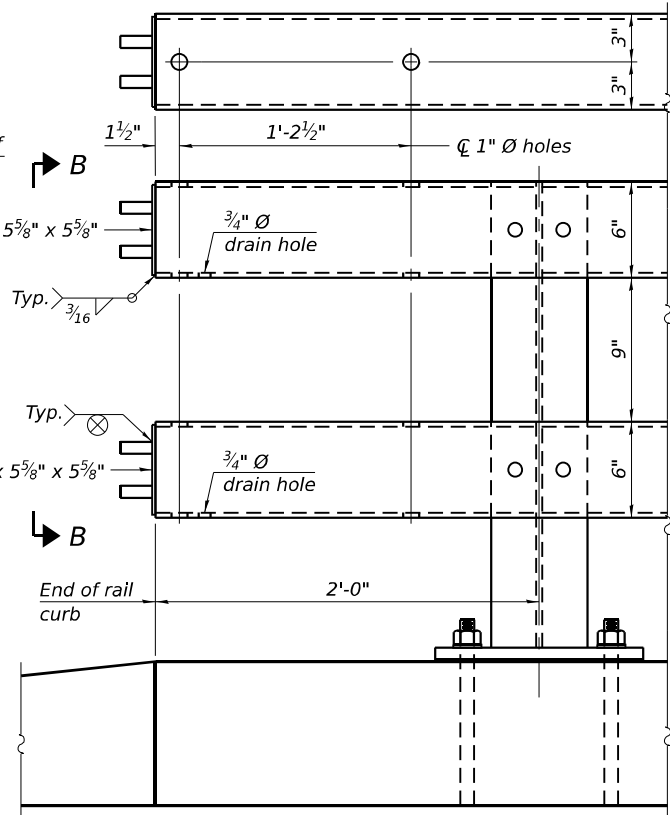
TOP AND BOTTOM RAIL SPLICE ELEVATION



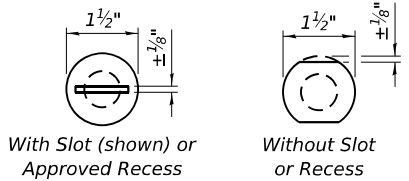
SECTION C-C



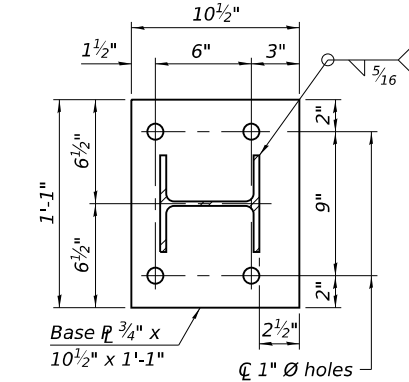
VIEW B-B



END OF RAIL DETAILS



VIEW E-E



SECTION D-D

RAILING CRITERIA

MASH 2016 Test Level	4
Railing Weight (plf)	75
Min f'c (psi)	4,500
Post Spacing Range	6'-8" - 10'-0"

SPLICE DIMENSIONS

Location	T	A	B	C
All locs. not over exp. jts.	0	1/2"	1'-6"	2'-9 1/2"
Over Strip Seal Jt.	≤ 4"	2 1/2"	1'-8"	3'-1 1/2"
Over Finger or Modular Jt.	≤ 9 1/2"	5 1/2"	1'-10 3/4"	3'-7 1/4"
Over Finger or Modular Jt.	≤ 15"	8 1/4"	2'-1 1/2"	4'-0 3/4"

T = ; total movement along centerline of roadway at expansion joint.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type CO-10	Foot	66

OEI
 QUIGG ENGINEERING INC
 DESIGN FIRM REG. NO. 184.004721

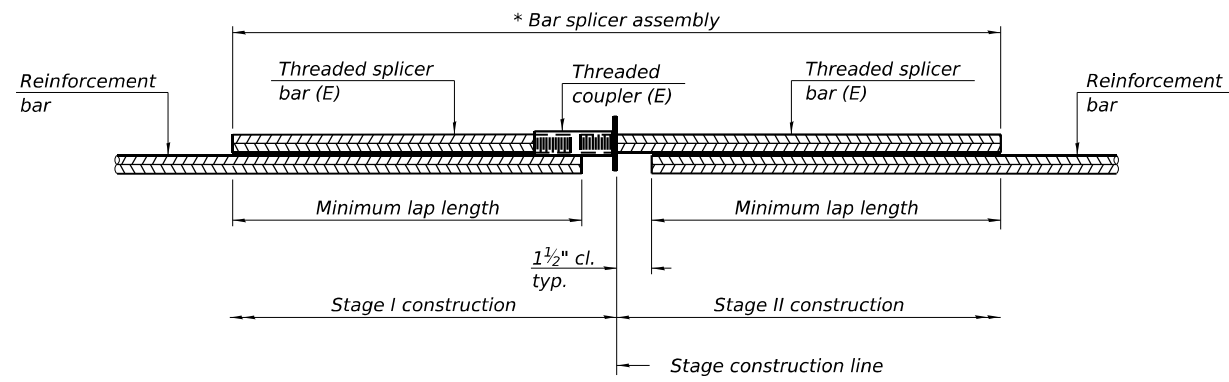
USER NAME = SMaxwell	DESIGNED - DAP	REVISED -
0412025-78935-007-Steel Railing.dgn	CHECKED - RPW	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - ASC	REVISED -
PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING, TYPE CO-10
STRUCTURE NO. 041-2025

SHEET 7 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	33
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

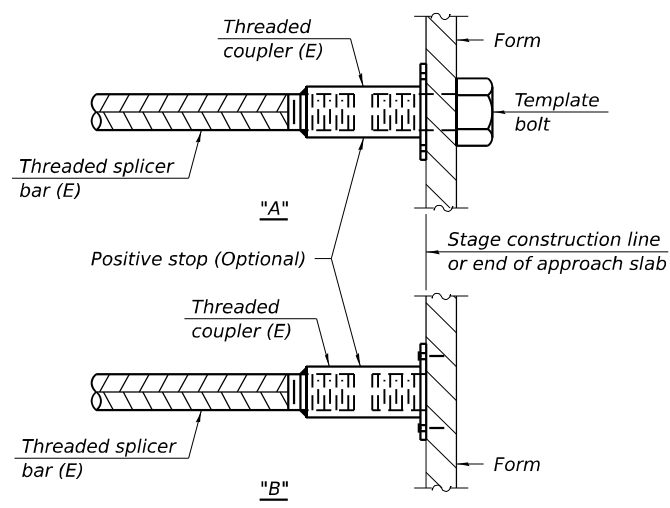


STANDARD BAR SPLICER ASSEMBLY PLAN
 Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

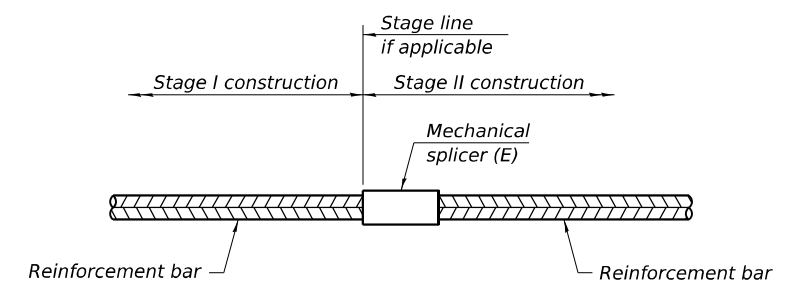
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Top Slab	#6	66	2'-6"
Walls	#5	40	2'-9"
Bottom Slab	#6	66	2'-6"



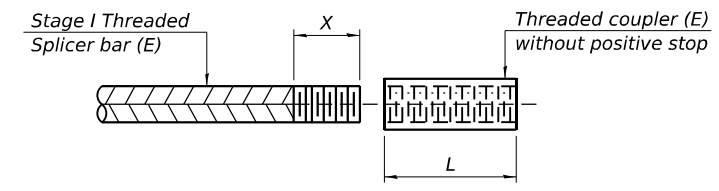
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

MODEL: Default
 FILE NAME: S:\2025\251037 - PTB 216-055 D9 - OEI - Var Ph H11WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0412025-78935-008-Bar Splicer Details.dgn
 6/5/2026 2:57:16 PM

BSD-1

4-4-2025



USER NAME = SMaxwell	DESIGNED - DAP	REVISED -
0412025-78935-008-Bar Splicer Details.dgn	CHECKED - RPW	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - ASC	REVISED -
PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BAR SPLICER DETAILS
 STRUCTURE NO. 041-2025

SHEET 8 OF 9 SHEETS

F.A.P. RTE. 849	SECTION 113B-2	COUNTY JEFFERSON	TOTAL SHEETS 67	SHEET NO. 34
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

Page 1 of 1

Date 07/14/22

ROUTE IL 142 over Stream DESCRIPTION IL 142 over Stream, 1.8 miles S of Mt. Vernon LOGGED BY NRK (Gonzalez)

SECTION 113,B (Ex) LOCATION 1.8 miles south of Mt. Vernon, SEC. 10, TWP. 3S, RNG. 3E, 3rd PM, Latitude 38.27819484, Longitude -88.86503568

COUNTY Jefferson DRILLING METHOD Hollow Stem Auger (8" O.D., 3.25" I.D.) HAMMER TYPE Auto 140 lb HE 92

STRUCT. NO.	041-0043	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	161+22	E	L	C	O	Stream Bed Elev.	ft	P	L	S	I
BORING NO.	1-S	T	W	S	Q	Groundwater Elev.:		H	S	Qu	T
Station	160+87	H	S	Qu	T	First Encounter	431.6	ft	ft	ft	ft
Offset	8.5 ft RT	(ft)	(/6")	(tsf)	(%)	Upon Completion					
Ground Surface Elev.	443.6	ft	(ft)	(/6")	(tsf)	After		ft	(ft)	(/6")	(tsf)
						Hrs.					(%)
ASPHALT - 7"	443.0					CLAY: Very Stiff, Brown, Moist (continued)					
CONCRETE - 6"	442.5						422.4		16		
CRUSHED STONE - 10"	442.2	1				CLAY SHALE: Gray, Dry, Weathered		60/5"	4.5	P	9
CLAY: Medium Stiff, Brown, Moist	441.9	2	2.8	15							
SILTY LOAM: Soft to Medium Stiff, Gray and Brown, Moist		2	S								
A-4(3) LL=26, PL=21, 86% Fines		1					419.4	36			7
		1	1.2	19		Boring terminated at 24.25 feet.		60/3"			
		2	S			BM 4143 (chiseled square on top of SW wing wall of SN 041-0043) EL 443.11					
		4	1.5	18							
		4	S								
		1									
		2	1.2	20							
		2	S								
		-5									
		1									
		1	0.6	25							
becomes Wet		2	B								
	430.6										
CLAY: Very Stiff, Brown, Moist		8									
		11		19							
		-15									
		13									
		4									
A-7-6(23) LL=48, PL=21, 84% Fines		6	2.9	21							
		8	B								
		3									
		7	3.0	23							
		-20									
		11	S								
		-40									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 07/14/22

ROUTE IL 142 over Stream DESCRIPTION IL 142 over Stream, 1.8 miles S of Mt. Vernon LOGGED BY NRK (Gonzalez)

SECTION 113,B (Ex) LOCATION 1.8 miles south of Mt. Vernon, SEC. 10, TWP. 3S, RNG. 3E, 3rd PM, Latitude 38.27806223, Longitude -88.86486877

COUNTY Jefferson DRILLING METHOD Hollow Stem Auger (8" O.D., 3.25" I.D.) HAMMER TYPE Auto 140 lb HE 92

STRUCT. NO.	041-0043	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	161+22	E	L	C	O	Stream Bed Elev.	ft	P	L	S	I
BORING NO.	2-S	T	W	S	Q	Groundwater Elev.:		H	S	Qu	T
Station	161+52	H	S	Qu	T	First Encounter	432.6	ft	ft	ft	ft
Offset	9.4 ft LT	(ft)	(/6")	(tsf)	(%)	Upon Completion	422.6	ft	(ft)	(/6")	(tsf)
Ground Surface Elev.	442.6	ft	(ft)	(/6")	(tsf)	After		ft	(ft)	(/6")	(tsf)
						Hrs.					(%)
ASPHALT - 7"	442.0					CLAY LOAM: Stiff, Brown and Gray, Moist (continued)					
CRUSHED STONE - 10"	441.2	1							2		
SILTY CLAY: Soft, Brown, Moist		1		23					5	2.3	16
		1							6	B	
		1									
		1					438.6		1	1.4	17
		2	1.1	24		SILTY LOAM: Soft, Gray, Moist to Wet		418.5	1		
		1	S					417.9	36	B	10
		-5				Boring terminated at 24.75 feet.			60/3"		
		1				BM 4143 (chiseled square on top of SW wing wall of SN 041-0043) EL 443.11					
		1	0.4	25							
		1	B								
		0									
A-4(5) LL=27, PL=18, 80% Fines		1		26							
		1									
		-10									
		1									
		1									
		3	0.8	20							
		3	S								
		429.6									
CLAY LOAM: Stiff, Brown and Gray, Moist		1									
A-6(11) LL=34, PL=18, 76% Fines		3	1.4	19							
		-15									
		4	B								
		2									
		5	1.9	18							
		6	B								
		2									
		4	2.3	17							
		-20									
		8	B								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

MODEL: Default
FILE NAME: S:\2025\251037 - PTB 216-055 D9 - OEI - Var Ph: HIWO-1 IL-142_Culv Replace PH2\CADD\CADD Sheets\0412025-78935-009-Boring_Logs.dgn



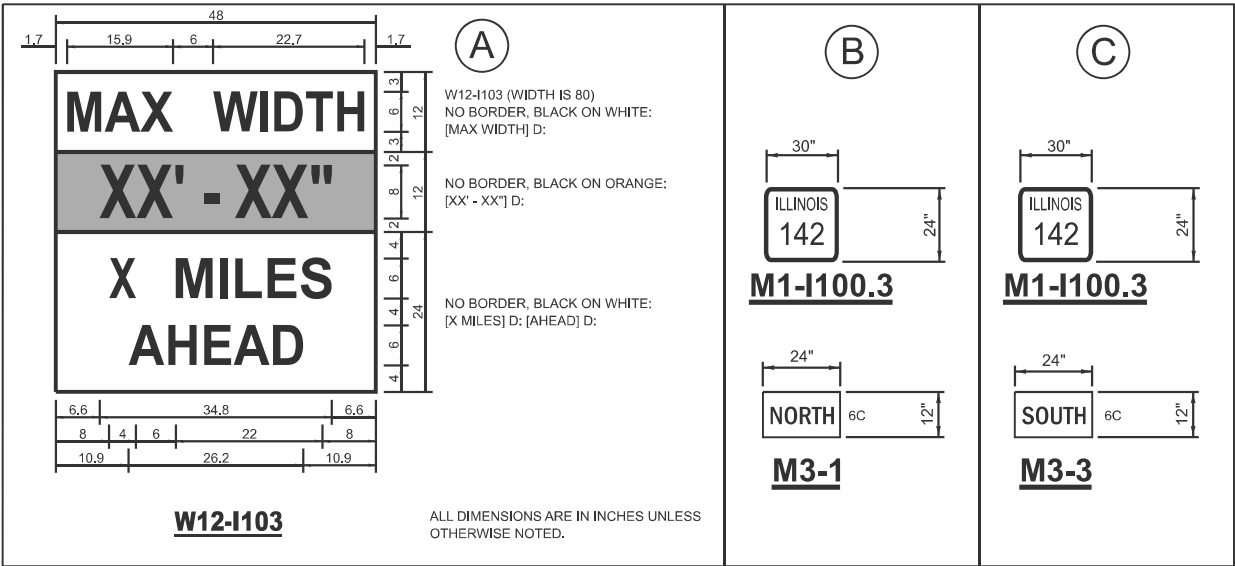
USER NAME =	SMaxwell	DESIGNED -	DAP	REVISED -	
CHECKED -	RPW	CHECKED -	RPW	REVISED -	
PLOT SCALE =	\$\$SCALE\$	DRAWN -	ASC	REVISED -	
PLOT DATE =		CHECKED -	MDC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 041-2025

SHEET 9 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	35
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



WIDTH RESTRICTION SIGNS

NOTES

MAX WIDTHS SHALL BE 11'-4" IN ALL CONDITIONS

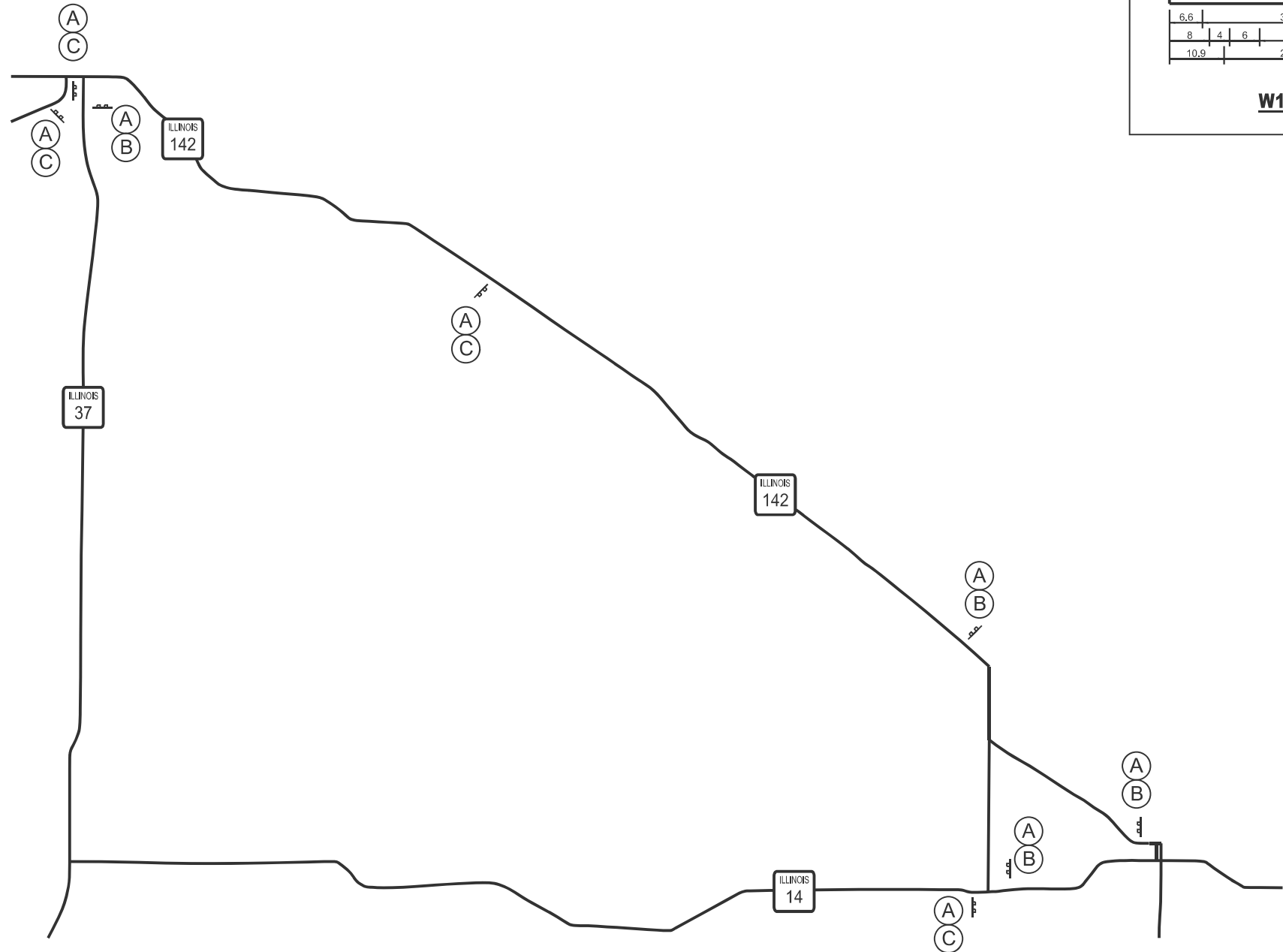
THE DISTANCE "X" ON THE "X MILES AHEAD" SIGN WILL BE THE FOLLOWING:
 STAGE 1: 10'-10"
 STAGE 2: 12'-6"

ALL WIDTH RESTRICTION SIGNS, POSTS, HARDWARE AND LABOR ARE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING, AND NO OTHER COMPENSATION WILL BE ALLOWED.

THE RECOMMENDED LOCATIONS FOR PLACEMENT OF THE WIDTH RESTRICTION SIGNS ARE SHOWN ON THE MAP. PRECISE LOCATIONS WILL BE COORDINATED AT THE PRE-CONSTRUCTION MEETING AND APPROVED BY THE ENGINEER.

ALL SIGNS SHALL BE POST MOUNTED.

SEE SECTION 1106.01 OF THE STANDARD SPECIFICATIONS FOR SIGN SHEETING REQUIREMENTS.



MODEL: STG Detail [Sheet]
 FILE NAME: S:\2025\2511037 - PTB 21\F055 D9 - GEI - Var Ph. I11W0-1 IL-142 Culv. Replace PH2\CADD\CADD Sheets\D978935-sht-stdsigning_detail.dgn



USER NAME = TOverton	DESIGNED - TAO	REVISED -
	DRAWN - TAO	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

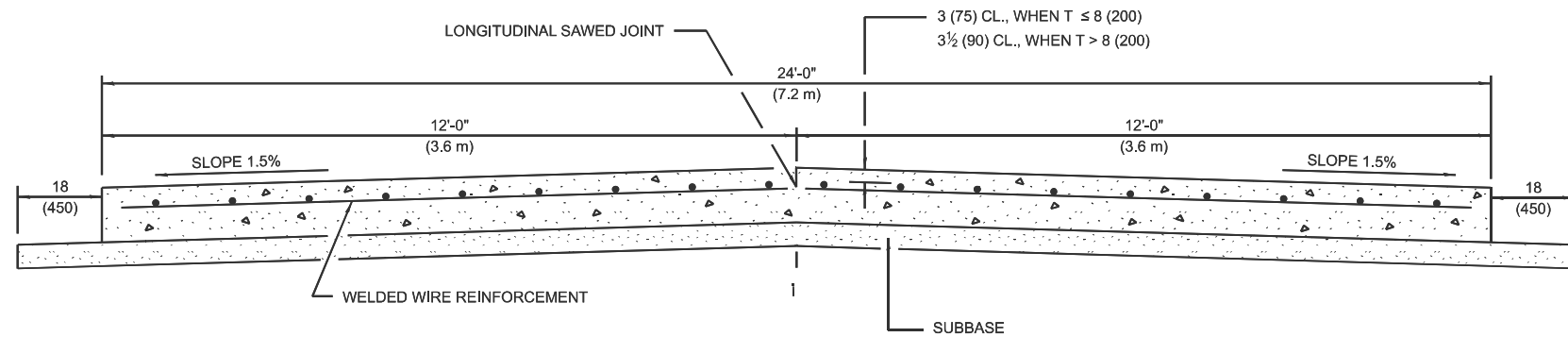
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION DETAIL
 IL 142

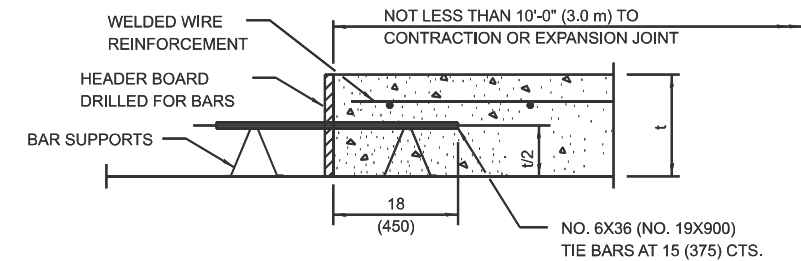
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	36
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

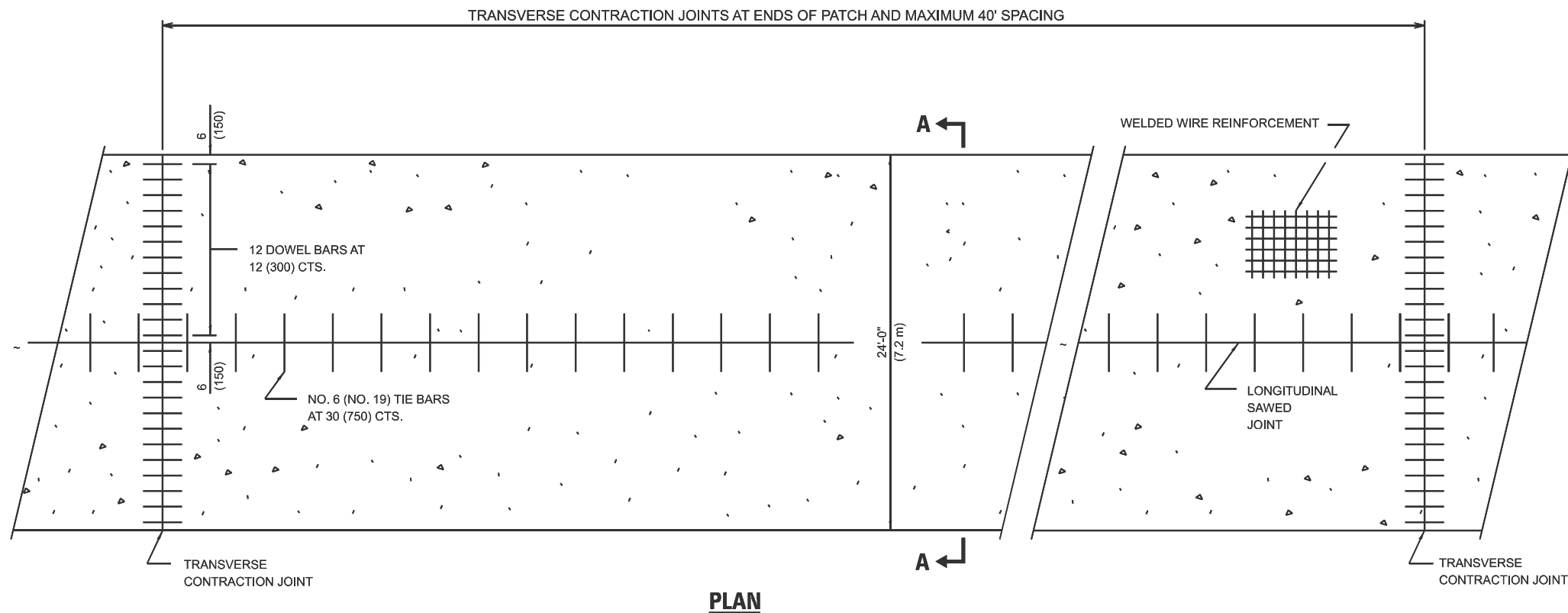
24' (7.2 m) PCC PAVEMENT OVER BOX CULVERT



SECTION A-A
(TYPICAL 2-LANE WITH SHOULDERS)



TRANSVERSE CONSTRUCTION JOINT
(IF NEEDED PER STANDARD SPECIFICATIONS)



PLAN

GENERAL NOTES

- SEE STANDARD 420001 FOR DETAILS NOT SHOWN.
- SEE STANDARD 420701 FOR WELDED WIRE REINFORCEMENT DETAILS.
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- ACTUAL DIMENSIONS TO MATCH FIELD CONDITIONS AND CONSTRUCTION METHODS.
- ALL COSTS FOR SAW CUTS, DOWEL BARS, AND TIE BARS ARE INCLUDED IN THE COST OF PCC PAVEMENT 10".

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2025\251\037 - PTB 21-065 D9 - GEI - Var Ph. II\IVO-1 IL-142 Culv. Replace PH2\CADD\CADD Sheets\0978935-sh-C9standards.dgn

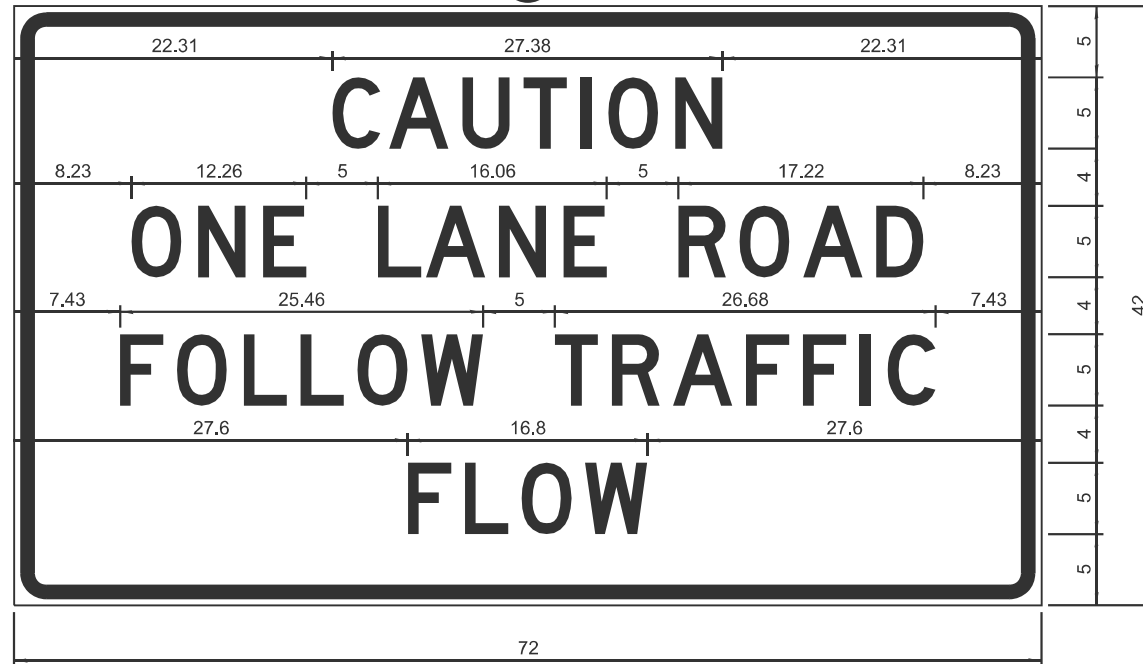
DRAWN	11-09-17
REVISED	07-23-18
REVISED	10-21-21
REVISED	05-04-22

STD. 9-13

USER NAME = TOVerton	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 9 DETAIL STANDARD 9-13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			849	113B-2	JEFFERSON	67	37
	CHECKED - SDM	REVISED -			CONTRACT NO. 78935				
PLOT DATE = 6/4/2026	DATE = 05/08/2026	REVISED -	SCALE: 1"=5'		SHEET 2 OF 4 SHEETS		STA. TO STA.		
ILLINOIS FED. AID PROJECT									

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2,25" Radius, 0,88" Border, 0,50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

DRAWN	3-2-16 D2
REVISED	03-12-24
REVISED	
REVISED	

Sign not to scale

STD. 9-34

MODEL: plan 2 (Sheet)
FILE NAME: S:\2025\251\037 - PTB 2\F055 D9 - GEI - Var Ph.HIWO-1 IL-142 Culv.Replace.PH2\CADD\CADD Sheets\D978935-eh-D9standards.dgn

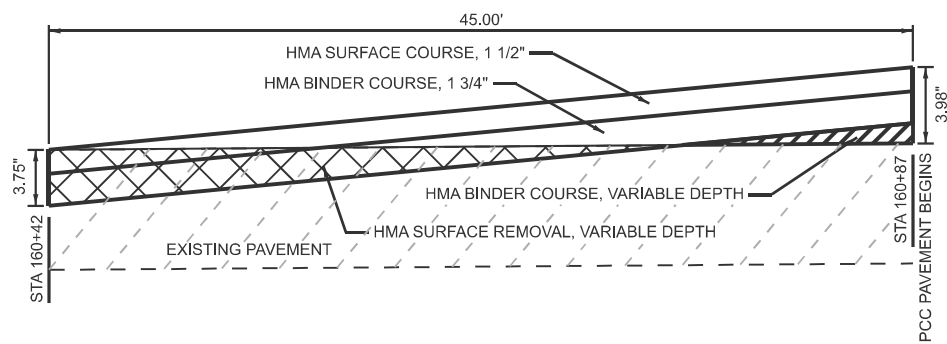
USER NAME = TOVerton	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

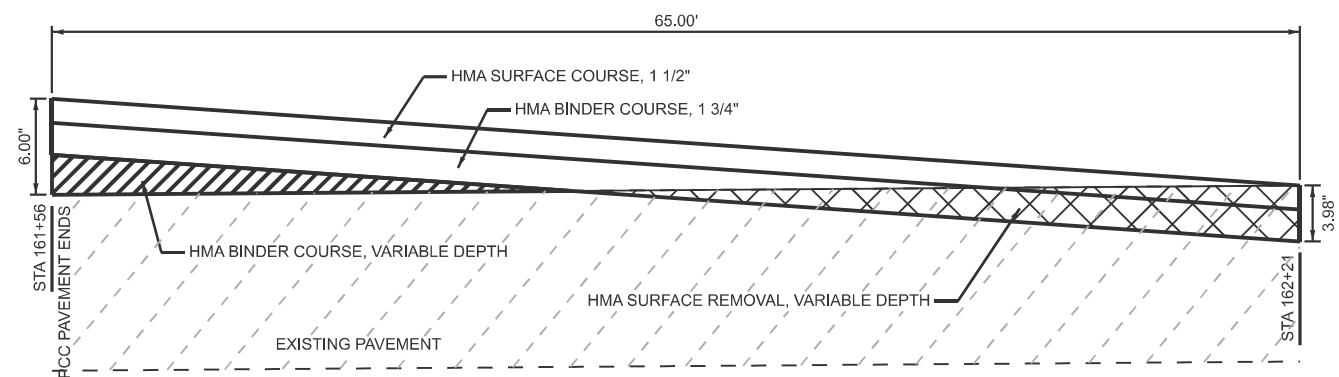
**DISTRICT 9 DETAIL
STANDARD 9-34**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	38
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				



PAVEMENT TRANSITION DETAIL



PAVEMENT TRANSITION DETAIL

MODEL: Unnamed Plan - Plan 2 (Sheet)
 FILE NAME: S:\2025\2511037 - PTB 21P-05 D9 - GEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh-D9standards.dgn



USER NAME = TOverton	DESIGNED - TAO	REVISED -
	DRAWN - TAO	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

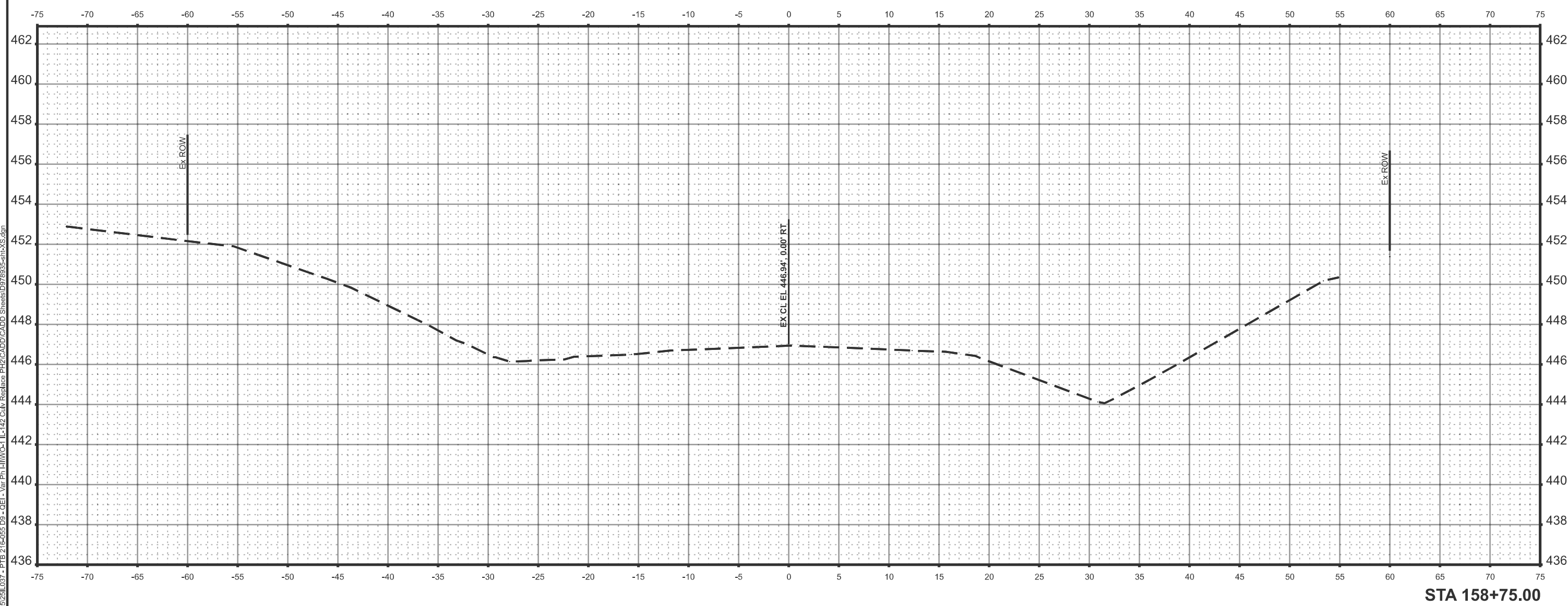
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT TRANSITION DETAIL
 IL 142**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	39
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 158+75.00 R3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\F055 D9 - GEI - Var Ph_H1W\O-1 IL-142 Culv_Replace PH2\CADD\CADD_Sheets\0978935-eh1-XS.dgn



STA 158+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

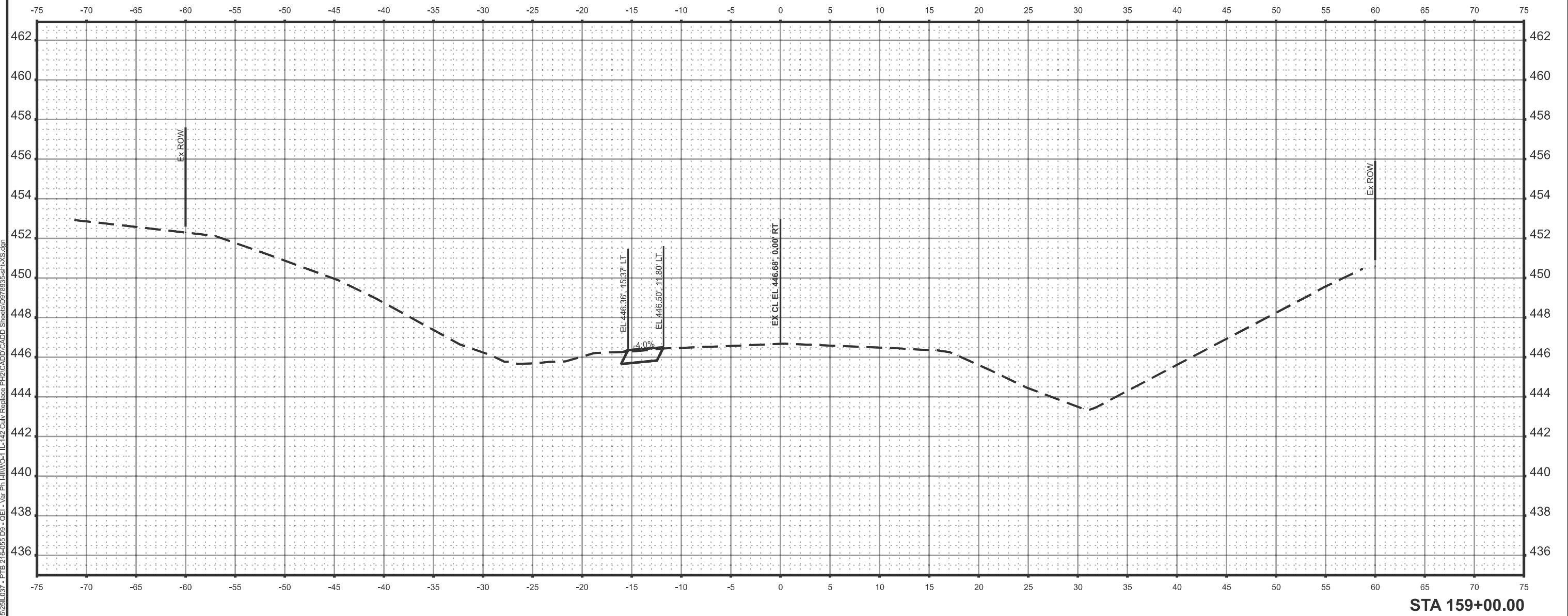
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	40
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL_142 - 159+00.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21\055 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CAD\CADD Sheets\0978935-eh1-XS.dgn



STA 159+00.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

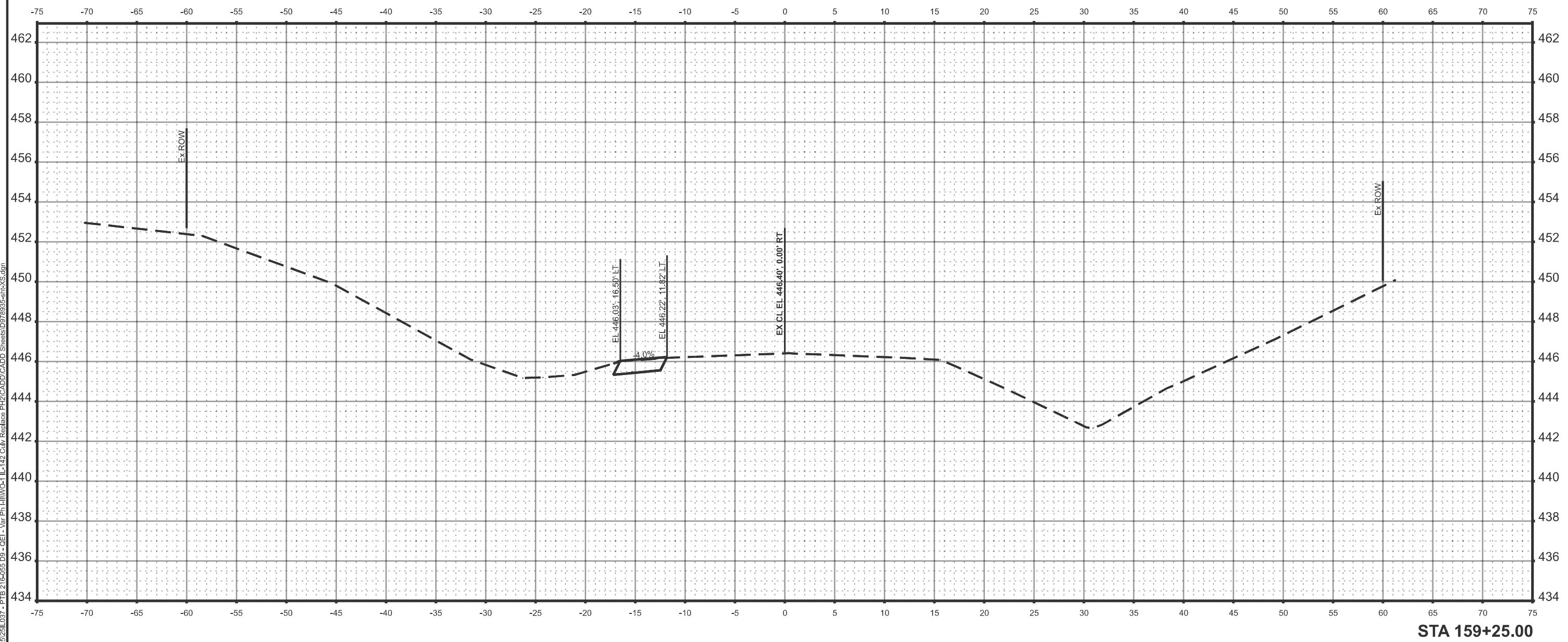
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

SCALE: 1"=5' SHEET 2 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	41
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 159+25.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\F055 D9 - GEI - Var Ph_HHW0-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 159+25.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

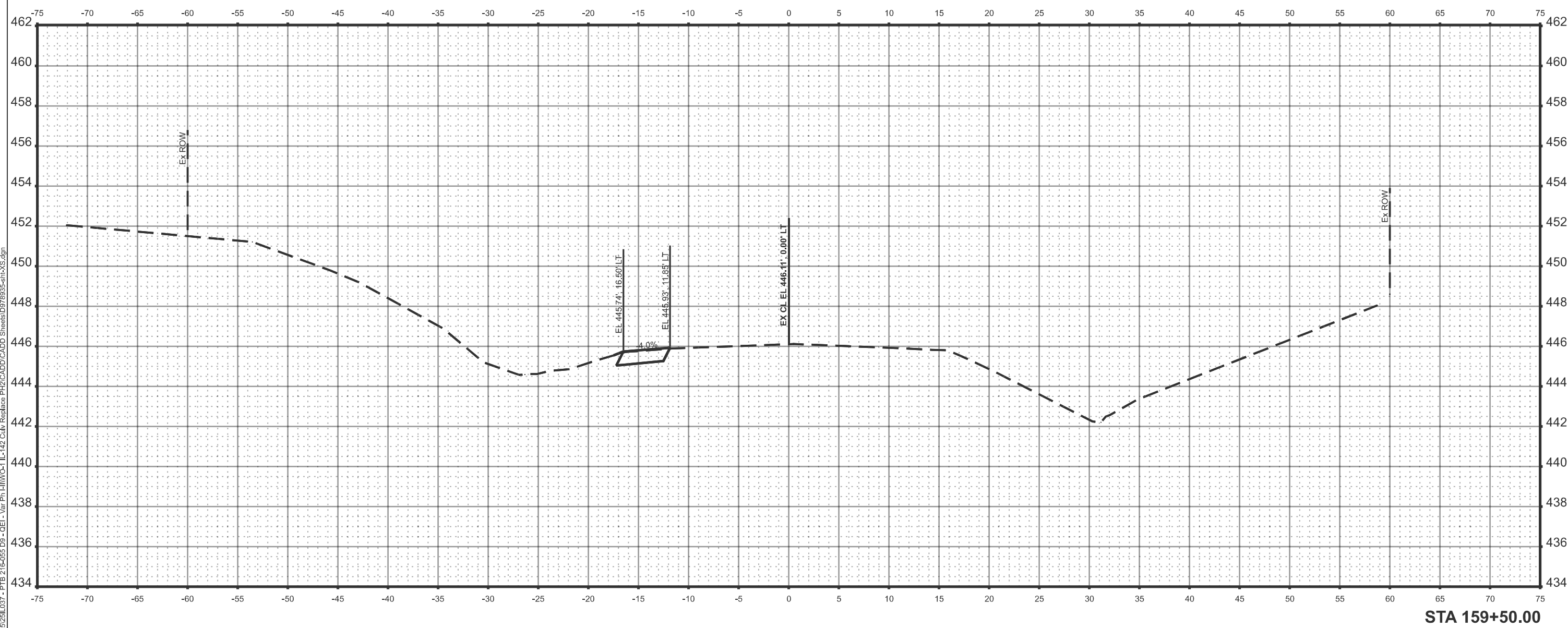
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 3 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	42
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 159+50.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\F05 D9 - GEI - Var Ph.HIWO-1 IL-142 Culv.Replace PH2\CADD\CADD Sheets\0978935-ehi-XS.dgn



STA 159+50.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

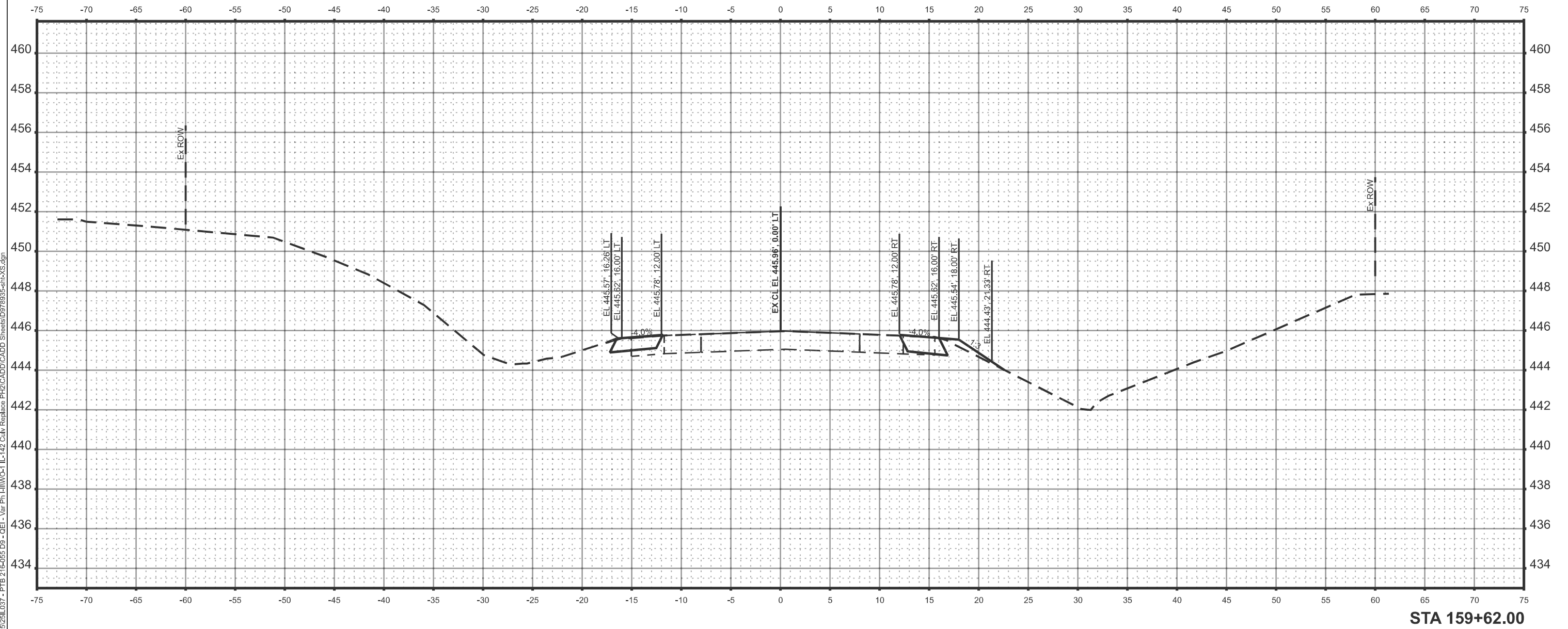
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 4 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	43
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 159+62.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\159+62.00 E3 - OEL - Var Ph II\WO-1 IL-142_Culv_Replace_PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

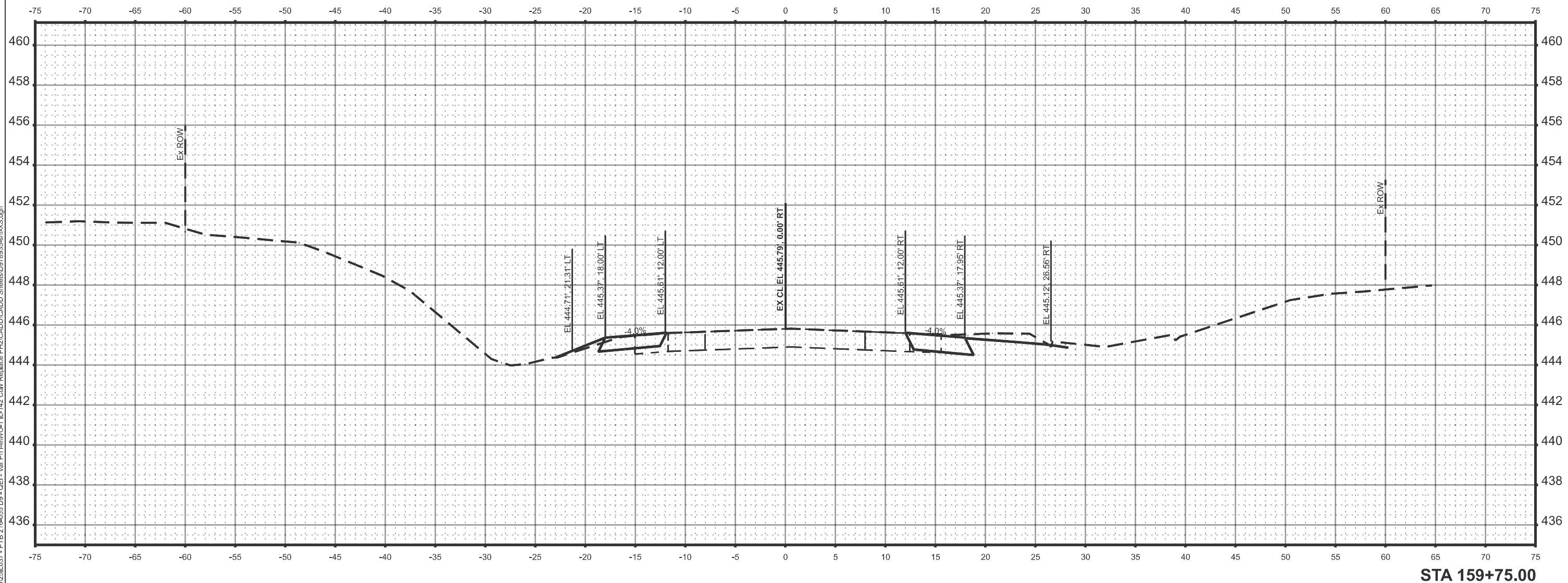
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	44
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 159+75.00 R3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 21-C055 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 159+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

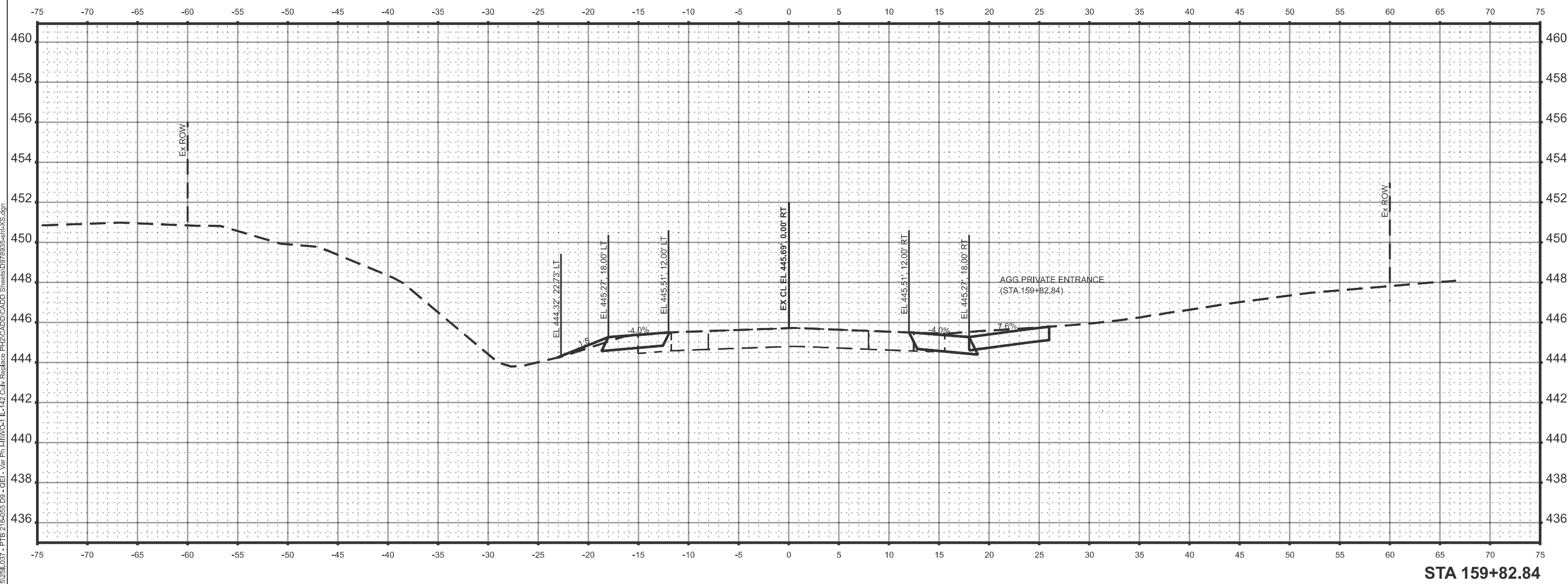
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 6 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	45
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 159+82.84 R3-2 [Sheet]
 FILE NAME: S:\2025\25IL037 - PTB 21\055 D9 - OEI - Var Ph H\W\O-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh-XS.dgn



STA 159+82.84



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

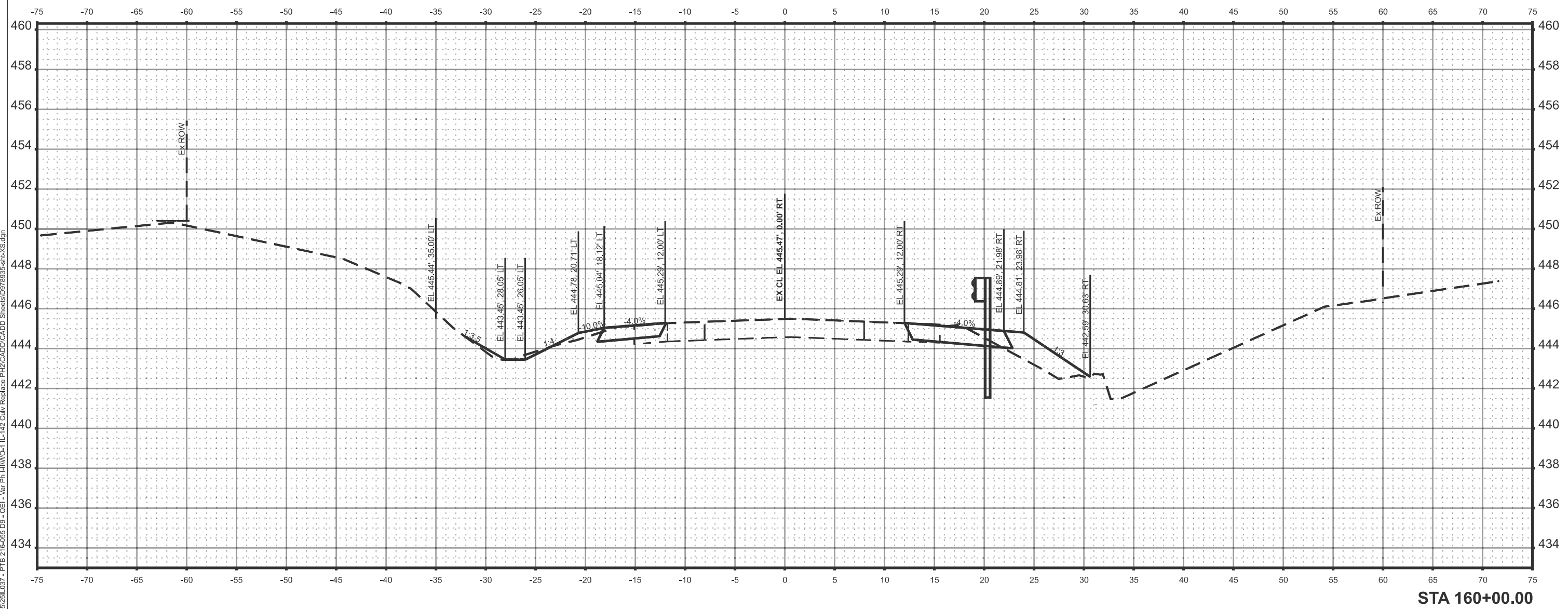
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 7 OF 28 SHEETS STA. 159+82.84 R3 TO STA. 159+82.84 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	46
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 160+00.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21\055 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



USER NAME	= TOVerton	DESIGNED -	SDM	REVISED -	
		DRAWN -	RAG	REVISED -	
		CHECKED -	SDM	REVISED -	
PLOT DATE	= 6/4/2026	DATE -	05/08/2026	REVISED -	

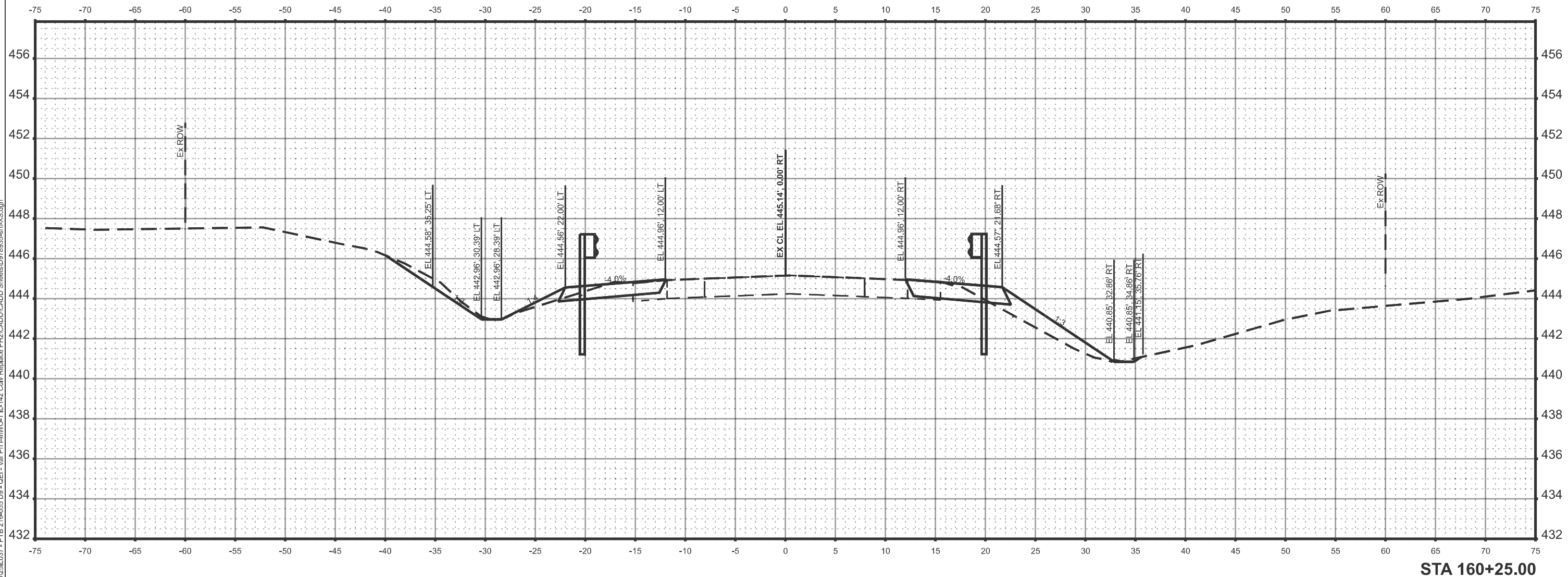
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

SCALE: 1"=5' SHEET 8 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	47
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 160+25.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 2\160+25 D9 - GEI - Var Ph.H\IWO-1 IL-142 Culv.Replace PH2\CADD\CADD Sheets\0978935-eh-XS.dgn



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

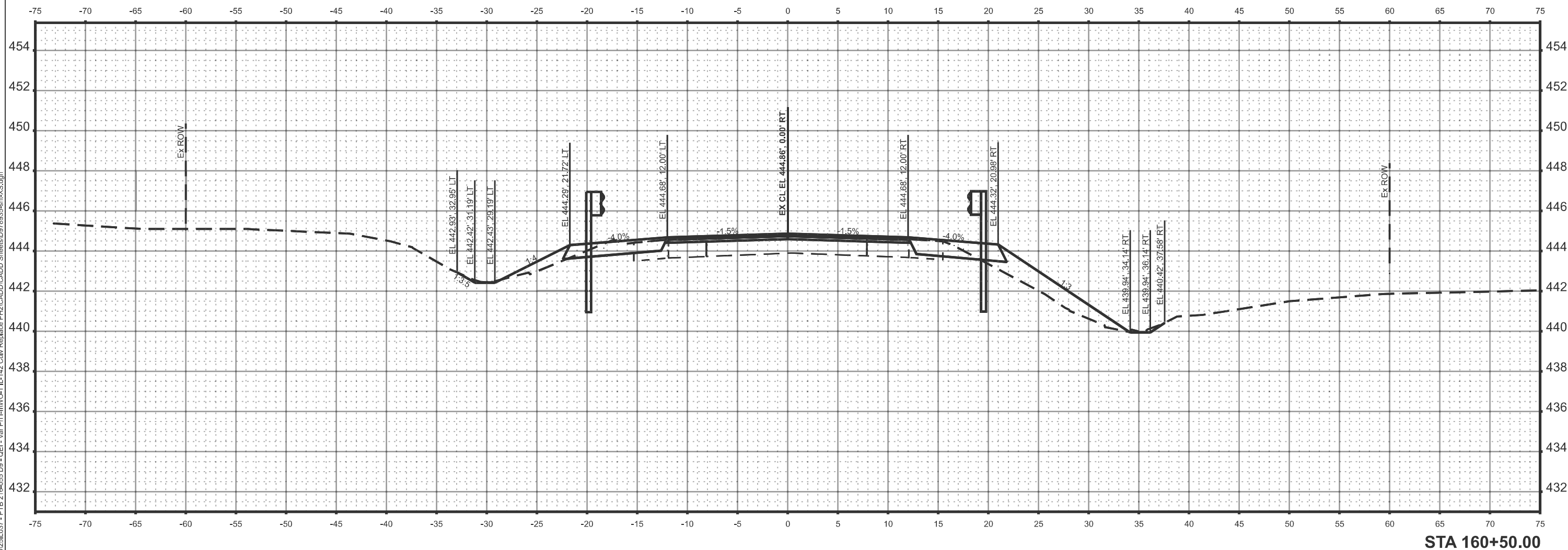
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

SCALE: 1"=5' SHEET 9 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	48
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 160+50.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21\055 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 160+50.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

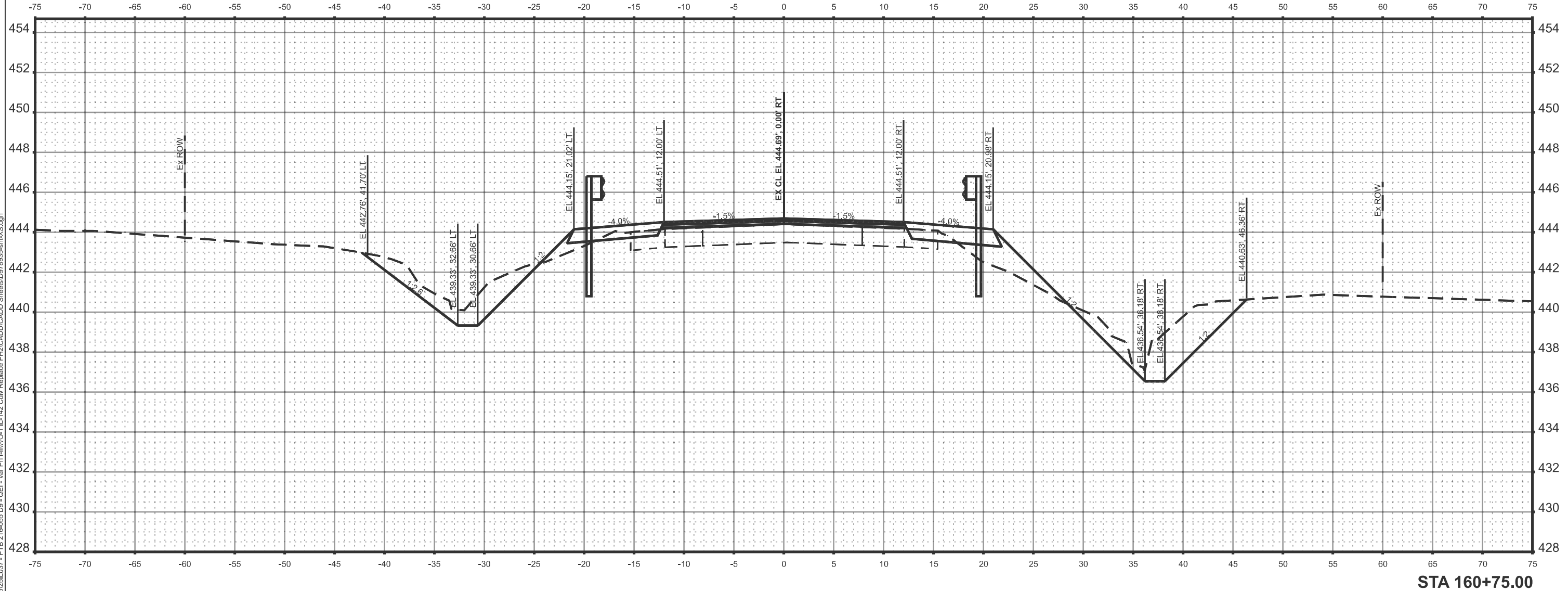
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	49
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 160+75.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\F065 D9 - GEI - Var Ph.HIWO-1 IL-142 Culv.Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 160+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

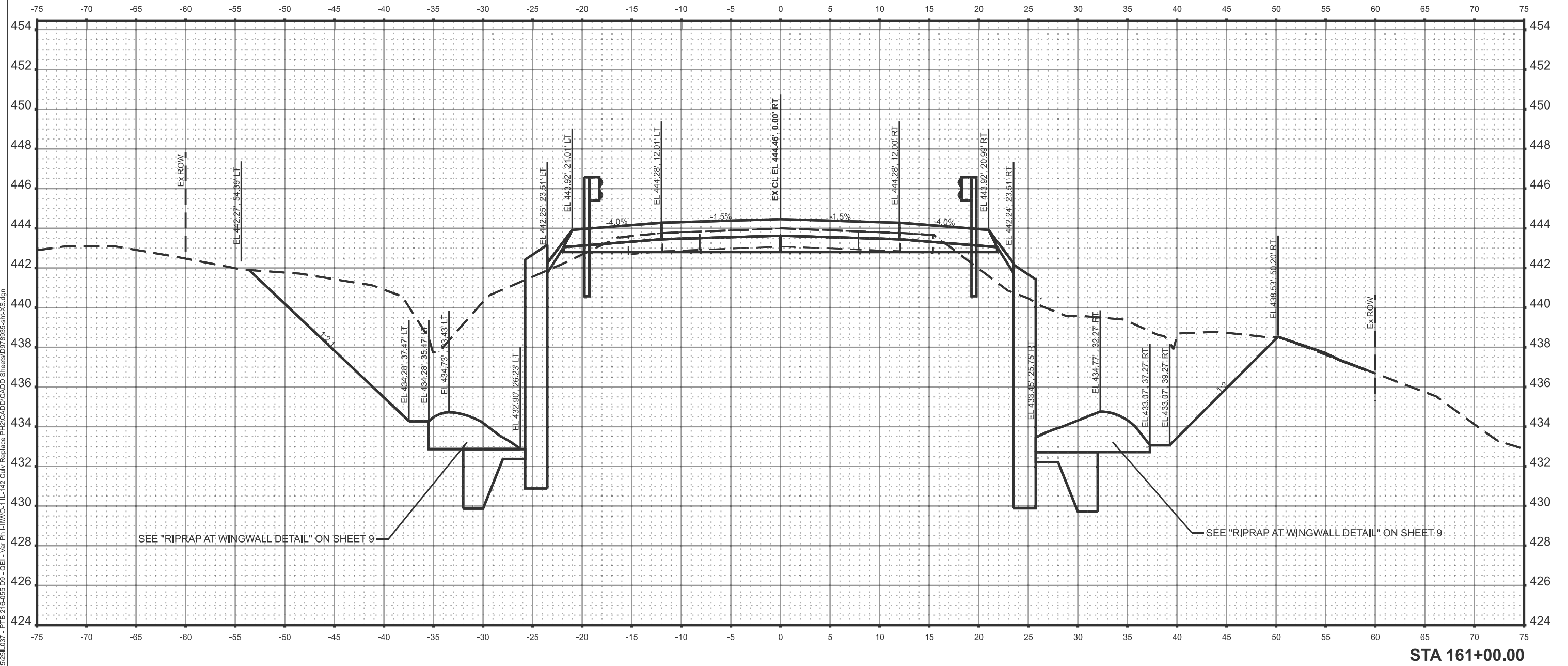
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 11 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	50
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+00.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 2\4-05 D9 - GEI - Var Ph II\IWO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 161+00.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

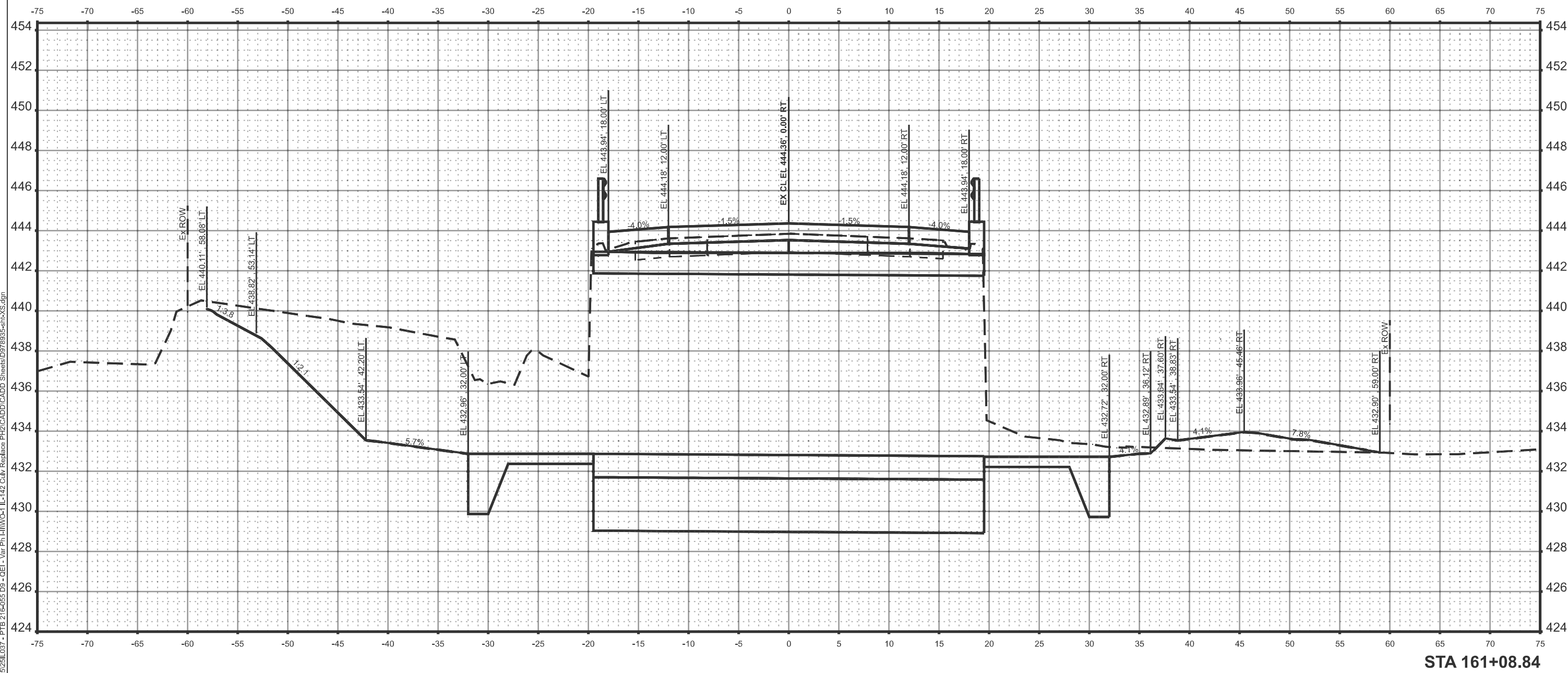
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 12 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	51
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+08.84 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 2\16-05 D9 - GEI - Var Ph_H11W10-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 161+08.84



USER NAME = TOVerton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

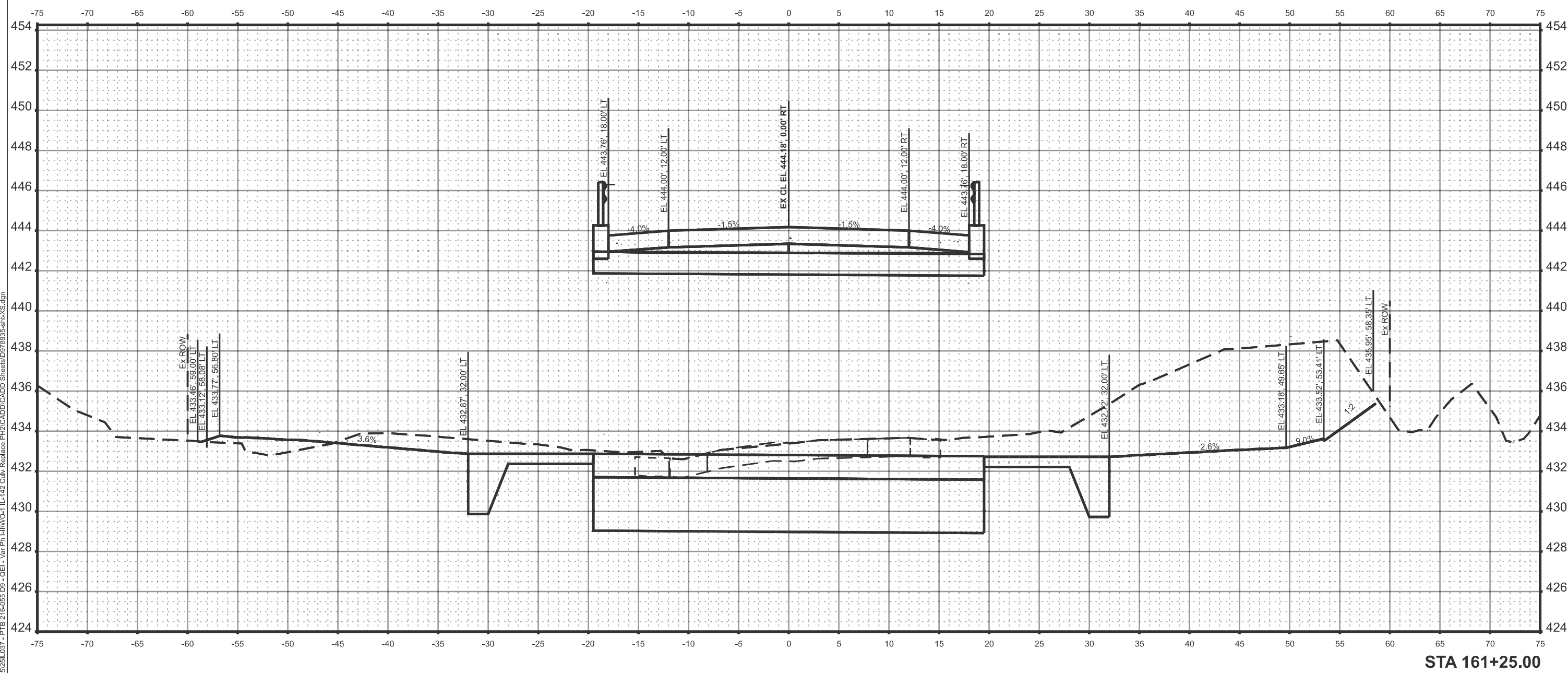
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 13 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	52
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+25.00 E3-2 [Sheet]
 FILE NAME: S:\2025\25IL037 - PTB 21\05 D9 - GEI - Var Ph_H11W\0-1 IL-142 Culv_Replace PH2\CADD\CADD_Sheets\0978935-eh1-XS.dgn



STA 161+25.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

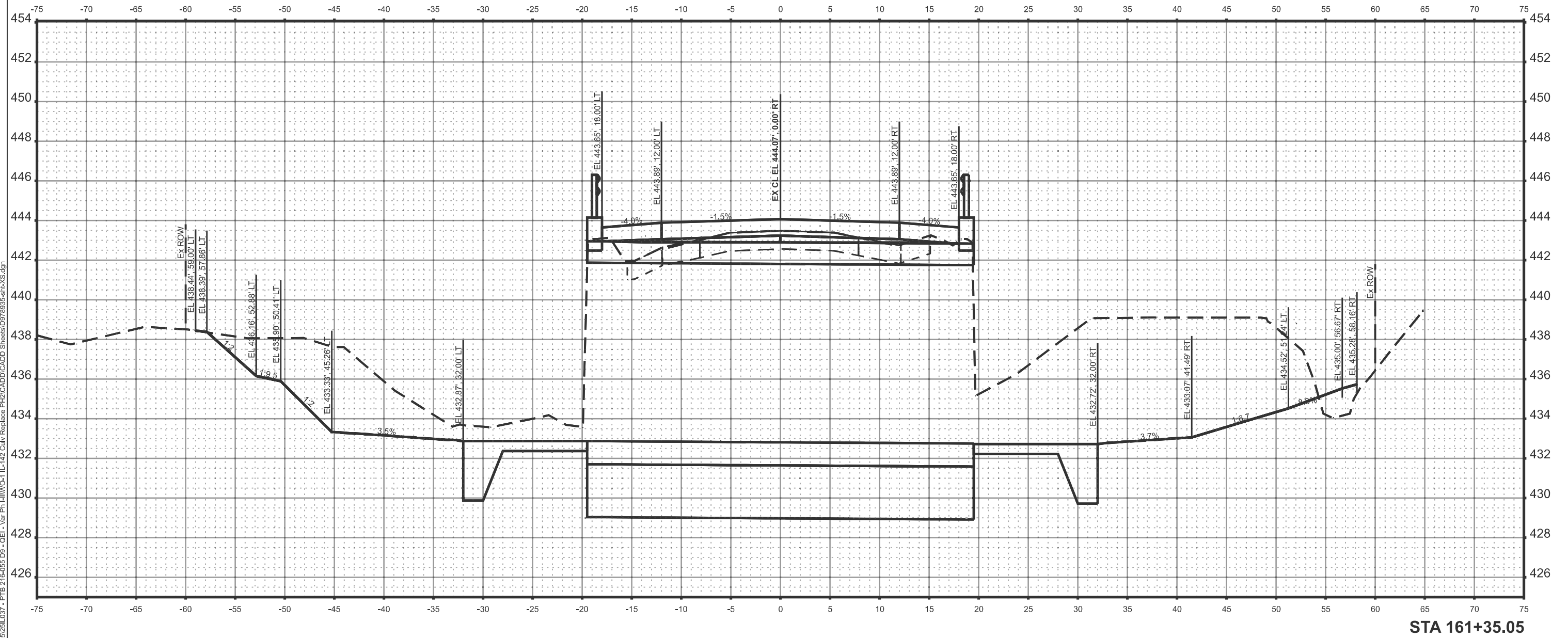
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: SHEET 14 OF 28 SHEETS STA. TO STA.

F.A.P. RTE. 849	SECTION 113B-2	COUNTY JEFFERSON	TOTAL SHEETS 67	SHEET NO. 53
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+35.05 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21-C-055 D9 - OEI - Var Ph II\WO-1 IL-142_Culv_Replace_Ph2\CADD\CADD Sheets\D978935-eh1-XS.dgn



STA 161+35.05



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

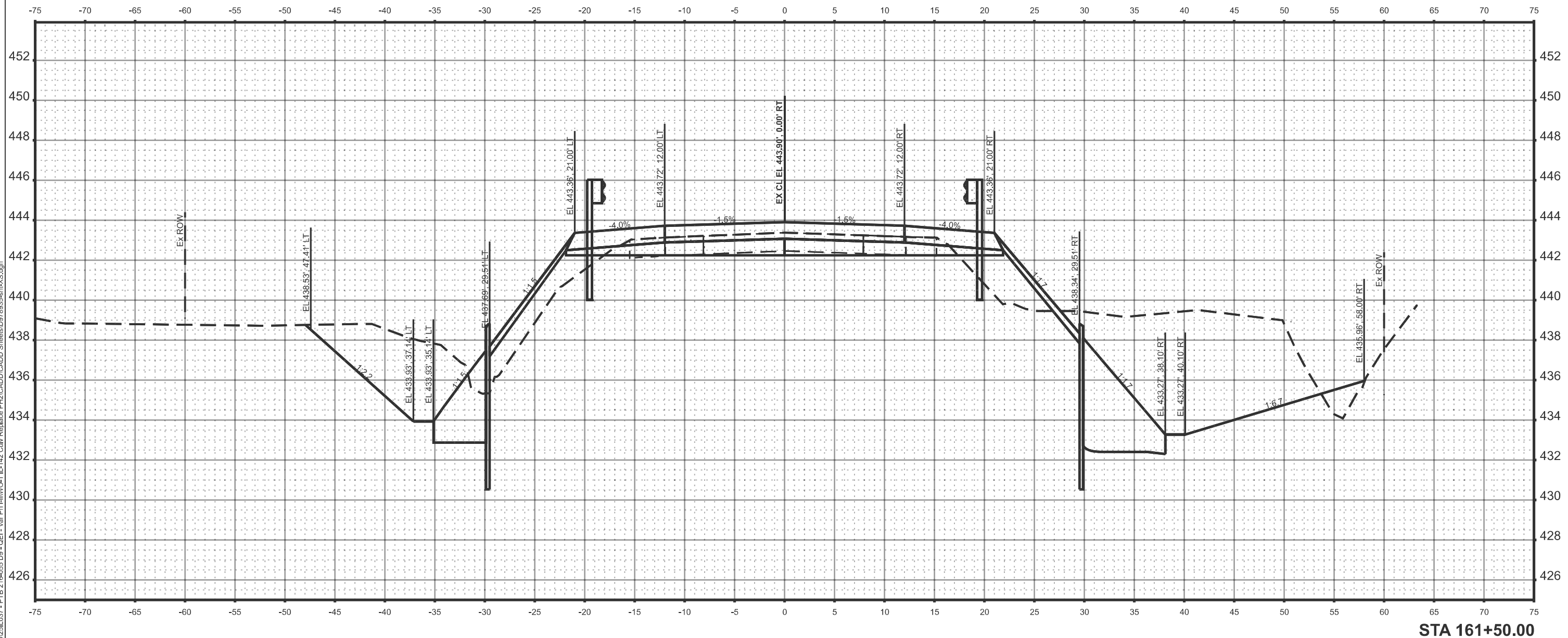
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 15 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	54
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+50.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21-C65 D9 - OEI - Var Ph II\WO-1 IL-142_Culv_Replace_Ph2\CAD\CADD Sheets\0978935-eh-XS.dgn



STA 161+50.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

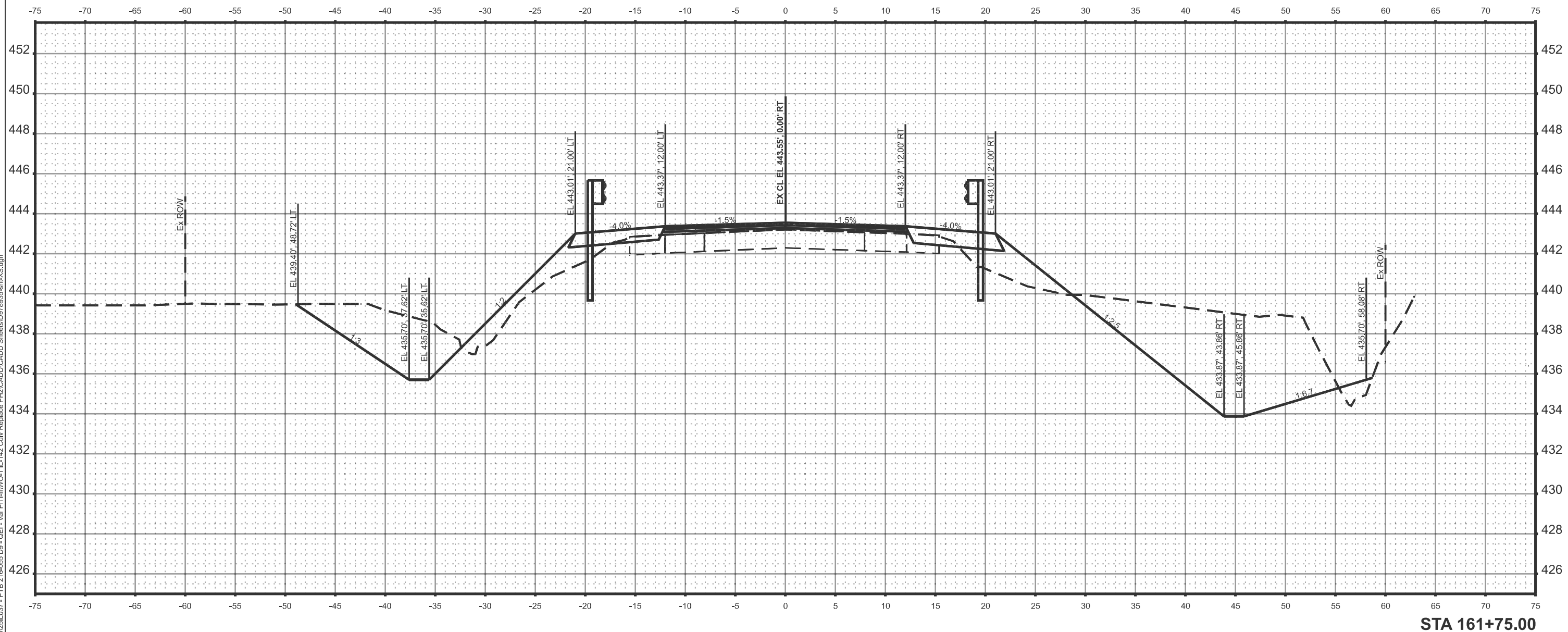
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 16 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	55
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 161+75.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21\065 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CAD\CADD Sheets\D978935-eh1-XS.dgn



STA 161+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

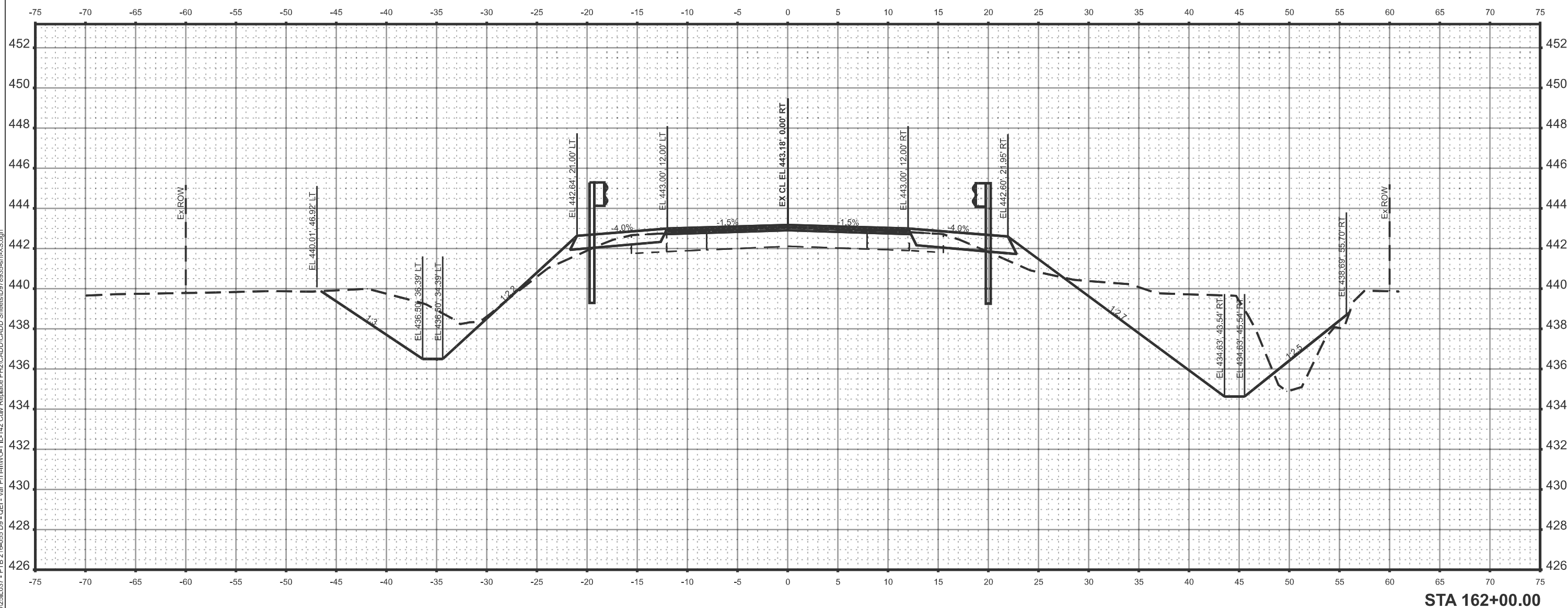
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 17 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	56
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 162+00.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 2\F065 D9 - GEI - Var Ph_H11W\O-1 IL-142 Culv_Replace PH2\CADD\CADD_Sheets\0978935-eh1-XS.dgn



STA 162+00.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

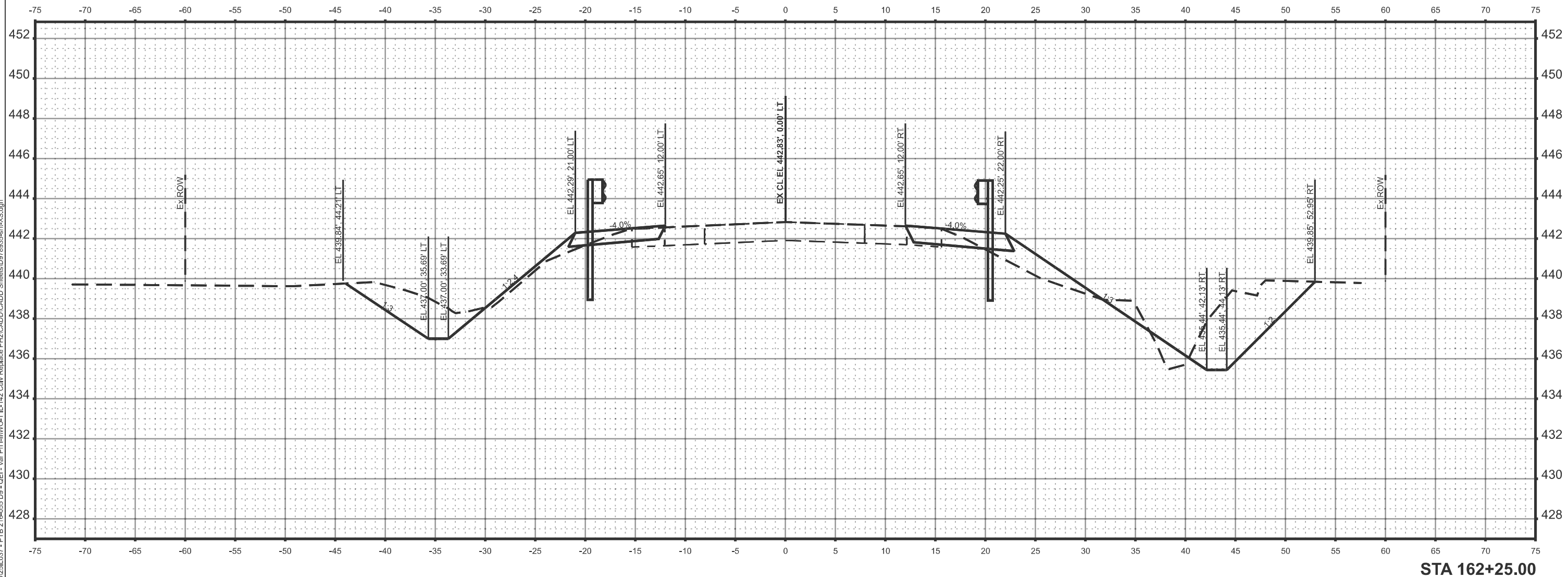
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 18 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	57
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 162+25.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21-055 DS - OEI - Var Ph. H\W\O-1 IL-142 Culv. Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 162+25.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

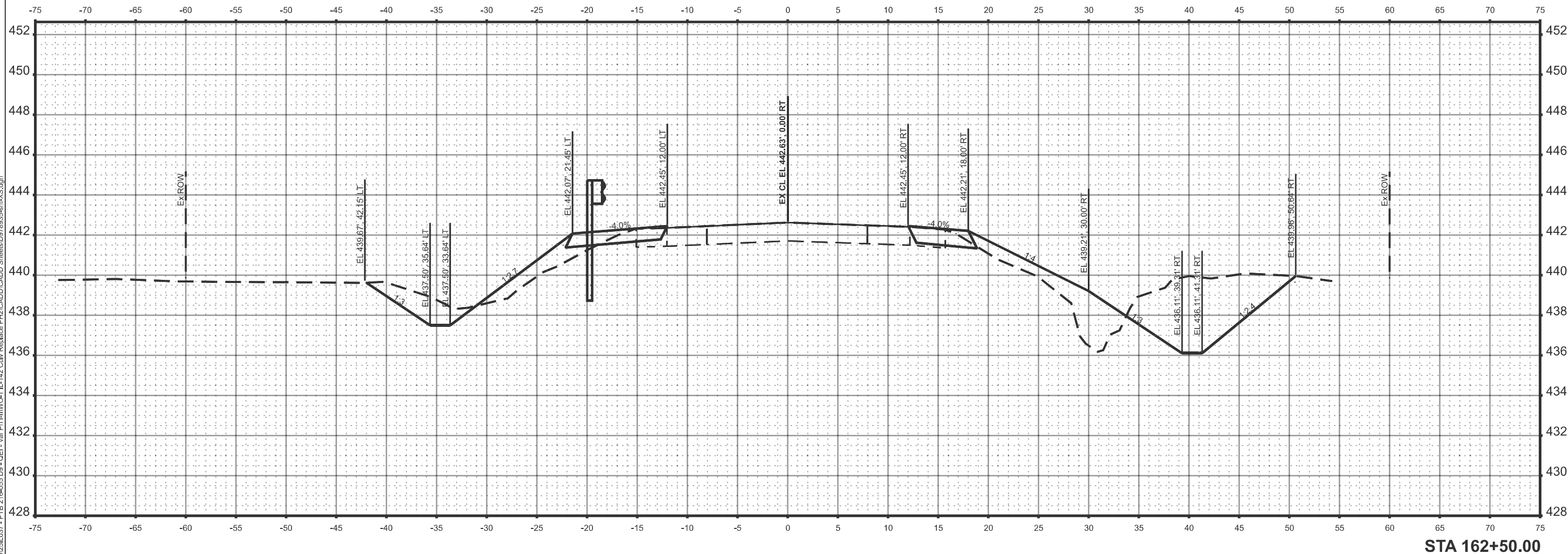
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 19 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	58
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 162+50.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\F055 D9 - GEI - Var Ph_HHW0-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh-XS.dgn



STA 162+50.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

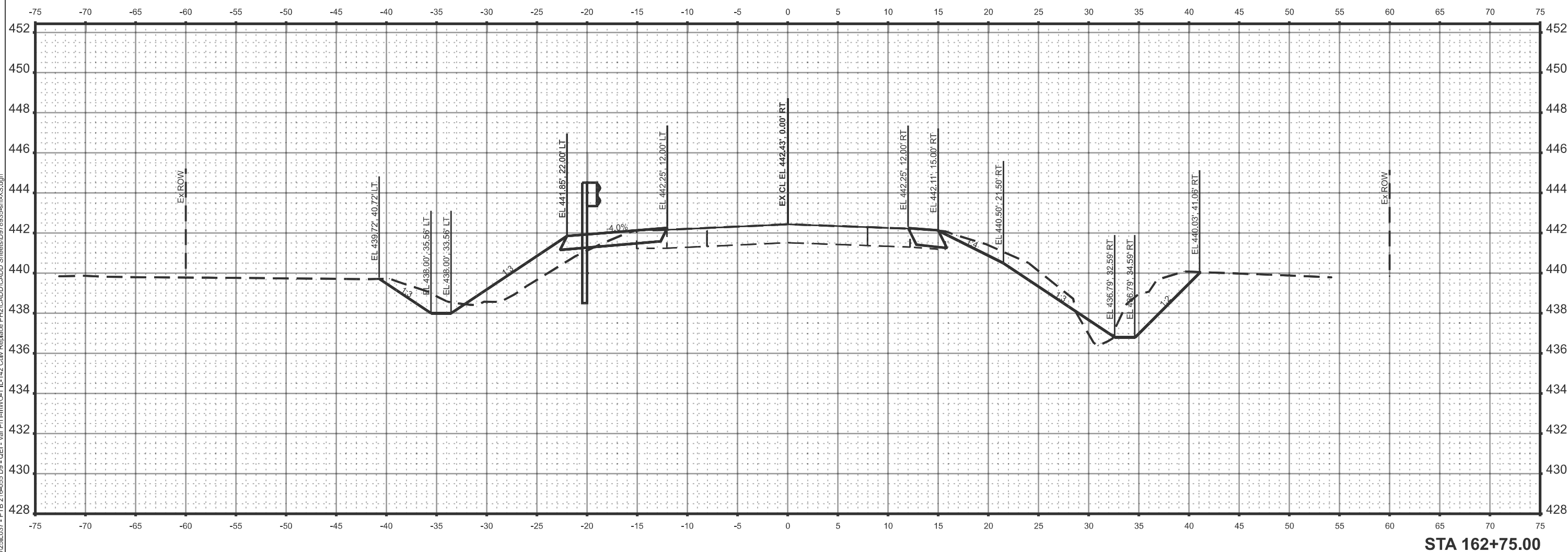
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 20 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	59
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 162+75.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 2\162+75.00 - GEI - Var Ph_HHW0-1 IL-142 Culv_Replace PH2\CADD\CADD Sheets\0978935-eh-XS.dgn



STA 162+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

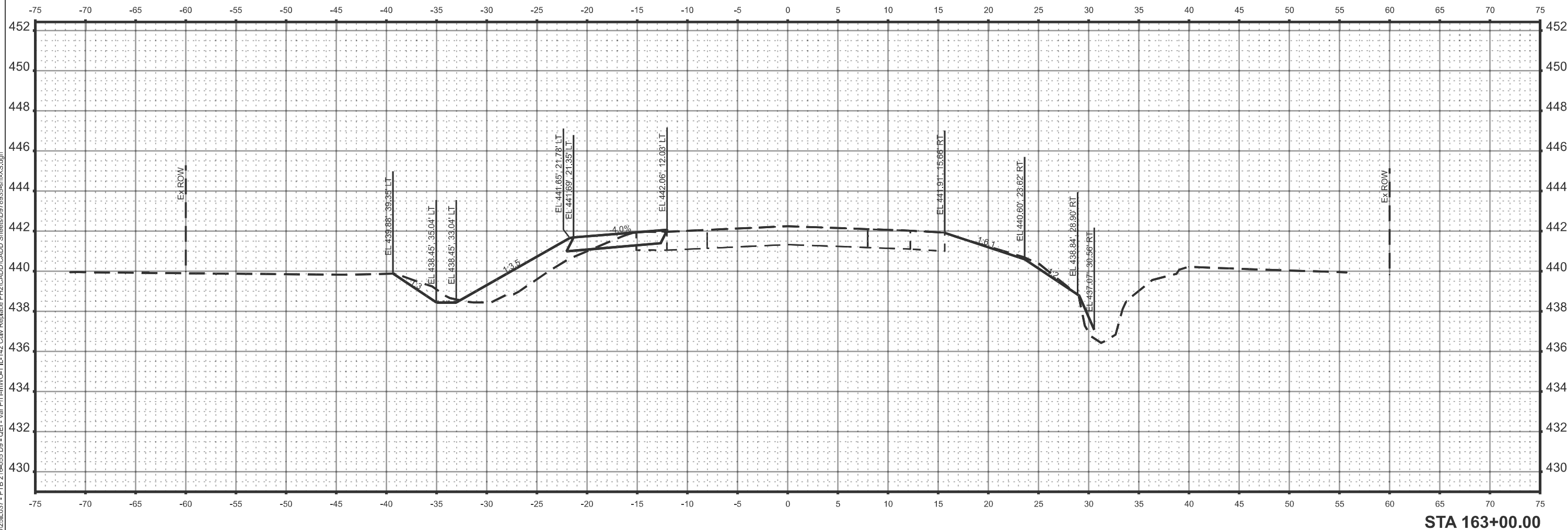
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 21 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	60
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 163+00.00 E3 (Sheet)
 FILE NAME: S:\2025\25IL037 - PTB 21\0465 D9 - OEI - Var Ph II\WO-1 IL-142 Culv Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 163+00.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

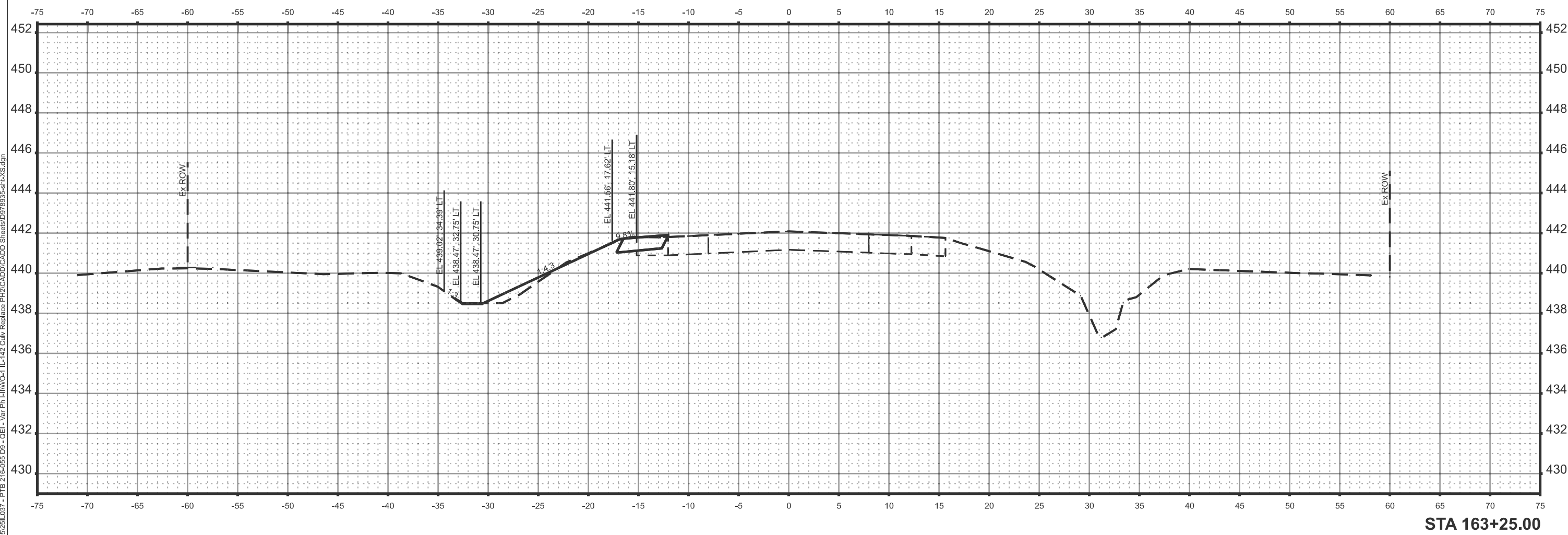
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 22 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	61
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL_142 - 163+25.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21-C-055 D9 - OEI - Var Ph. H\W\O-1 IL-142_Culv_Replace_PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 163+25.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

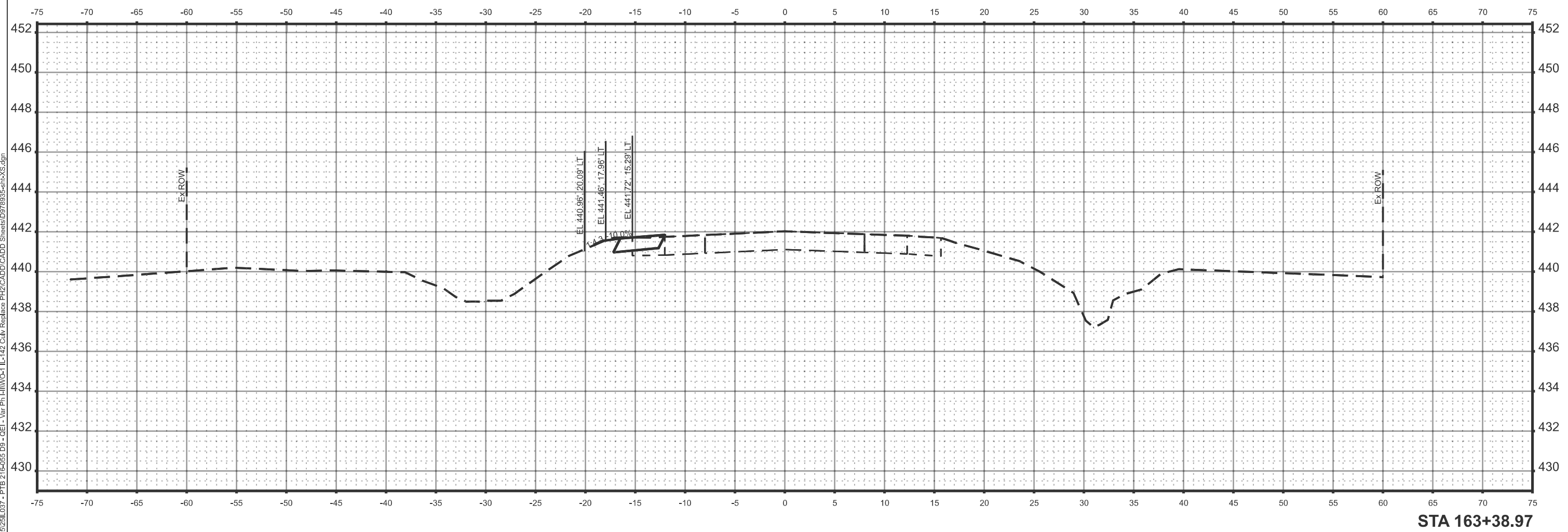
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 23 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	62
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 163+38.97 R3 [Sheet]
 FILE NAME: S:\2025\251037 - PTB 21-C-65 D9 - OEI - Var Ph. H/W/O-1 IL-142 Culv. Replace PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 163+38.97



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

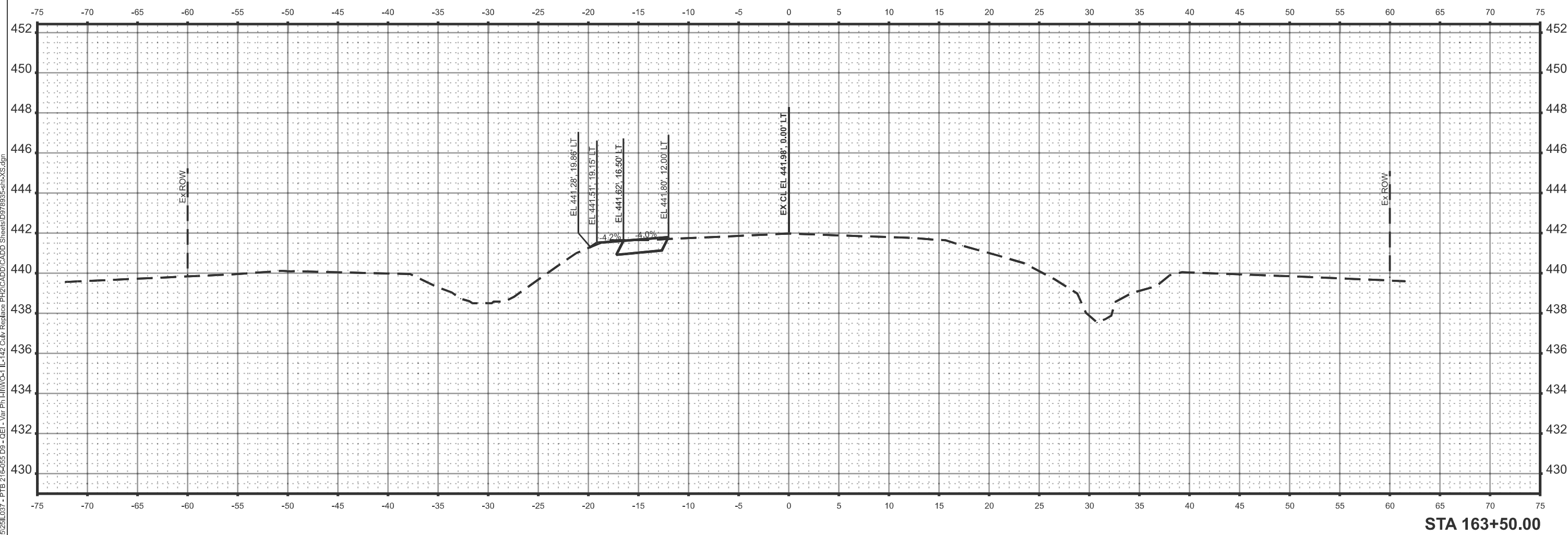
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

SCALE: 1"=5' SHEET 24 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	63
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL_142 - 163+50.00 E3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 21\055 D9 - OEI - Var Ph_HHW\O-1 IL-142_Culv_Replace_PH2\CADD\CADD Sheets\0978935-eh1-XS.dgn



STA 163+50.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - RAG	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

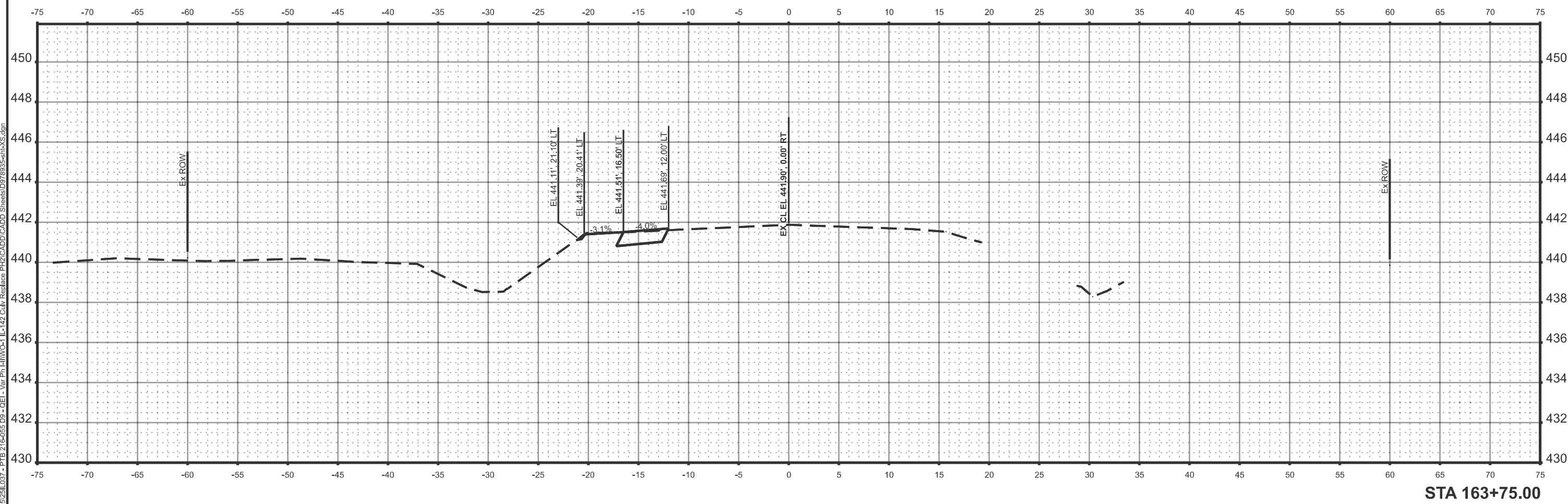
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 25 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	64
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 163+75.00 P3 (Sheet)
 FILE NAME: S:\2025\251037 - PTB 2\F055 D9 - GEI - Var Ph_H1WV0-1 IL-142 Culv_Replace PH2\CADD\CADD_Sheets\0978935-eh1-XS.dgn



STA 163+75.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

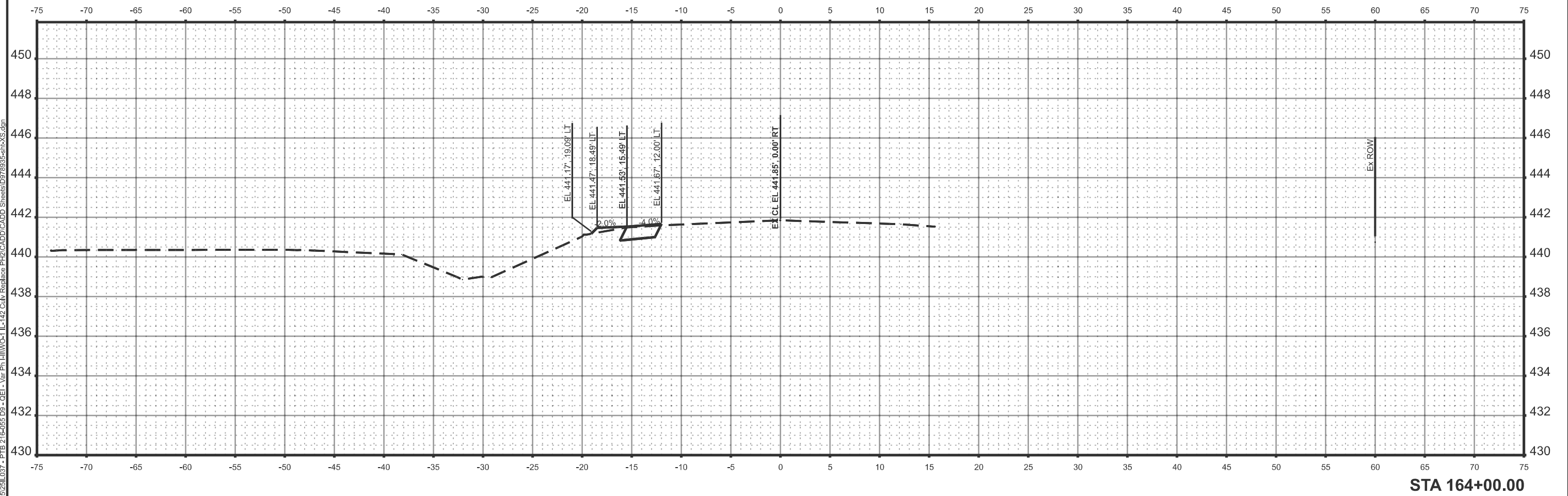
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 26 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	65
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 164+00.00 P3 (Sheet)
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STA 164+00.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

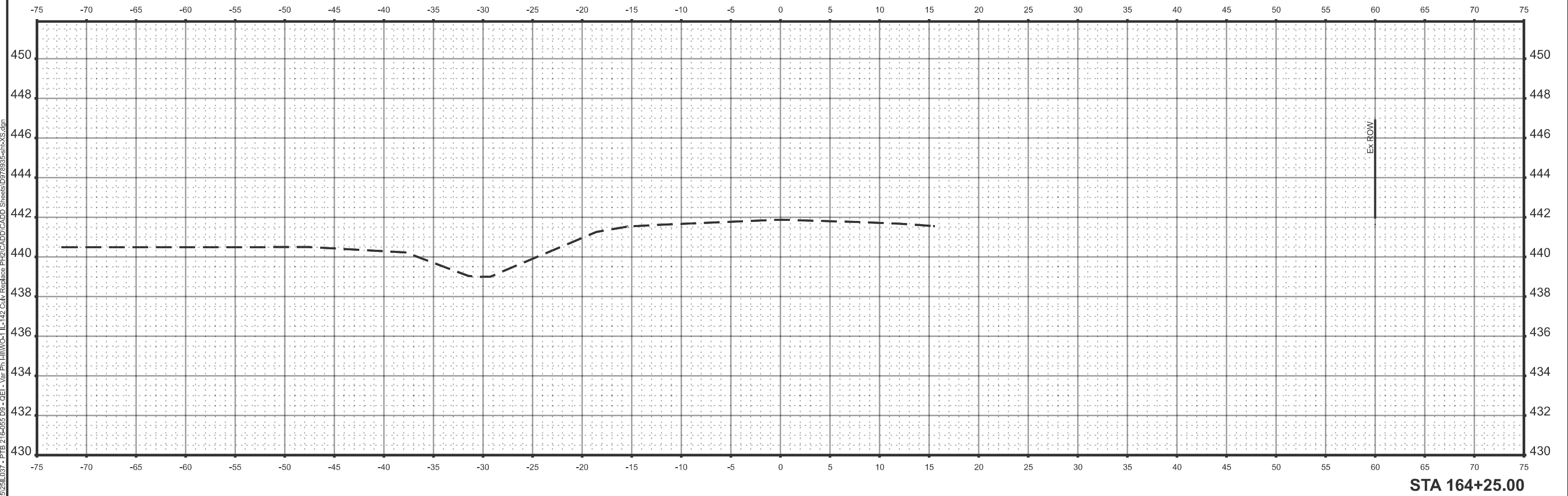
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 142

SCALE: 1"=5' SHEET 27 OF 28 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	66
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				

MODEL: IL 142 - 164+25.00 P3 (Sheet)
 FILE NAME: S:\2025\SI\037 - PTB 2\F055 D9 - GEI - Var Ph_H1WV0-1 IL-142 Culv_RepFace PH2\CADD\CADD_Sheets\0978935-eh1-XS.dgn



STA 164+25.00



USER NAME = TOverton	DESIGNED - SDM	REVISED -
	DRAWN - SDM	REVISED -
	CHECKED - SDM	REVISED -
PLOT DATE = 6/4/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 142**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113B-2	JEFFERSON	67	67
CONTRACT NO. 78935				
ILLINOIS FED. AID PROJECT				