02-27-2026 LETTING ITEM 004

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	1
	ILLINOIS	CONTRACT NO. 62P01		

SINGH + ASSOCIATES INC.
VYTAS PELEGRIMAS, P.E.
DATE: 12/05/2025
SIGNATURE AND SEAL APPLY TO DRAWINGS: 65-80, 88-94
EXPIRES: 11/30/2027

PRIMERA ENGINEERS LDT.
JACK RICE, P.E.
DATE: 12/05/2025
SIGNATURE AND SEAL APPLY TO DRAWINGS: 1, 3-9, 11-21, 81-87, 164-173
EXPIRES: 11/30/2027

ARDMORE RODERICK
YUN KIM, P.E.
DATE: 12/05/2025
SIGNATURE AND SEAL APPLY TO DRAWINGS: 2, 10, 22-64, 114-163
EXPIRES: 11/30/2027

PRIMERA ENGINEERS LDT.
CHANDANI BHAGAT, P.E., S.E.
DATE: 12/05/2025
SIGNATURE AND SEAL APPLY TO DRAWINGS: 95-113
EXPIRES: 11/30/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP ROUTE 846 (IL 53) AT GRANT CREEK
SECTION 2021-064-CR
PROJECT NO. NHPP-GCQJ(861)
CULVERT REPLACEMENT
WILL COUNTY

C-91-201-21

D-91-165-21

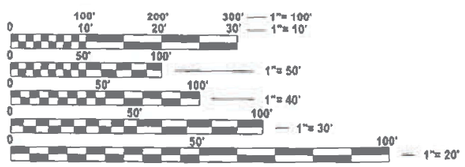


LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

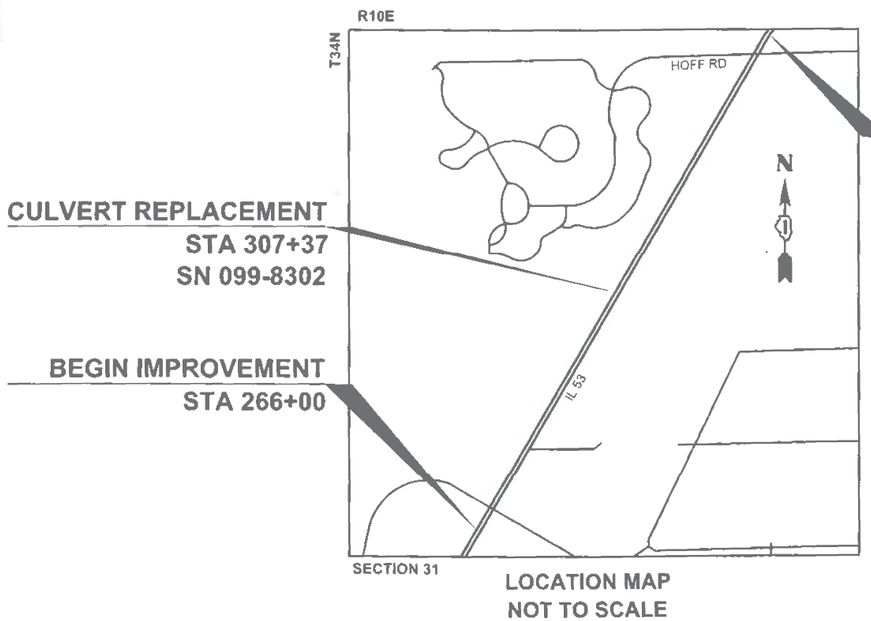
THIS PROJECT IS LOCATED IN JACKSON TOWNSHIP IN WILL COUNTY

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2023 ADT = 5250
SPEED LIMIT: 55
P.V. = 88.1% S.U. = 4.7% M.U. = 7.1%



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

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



CULVERT REPLACEMENT
STA 307+37
SN 099-8302

BEGIN IMPROVEMENT
STA 266+00

END IMPROVEMENT
STA 356+11

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 9,010.74 FT. = 1.707 MILE
NET LENGTH = 9,010.74 FT. = 1.707 MILE

Primera
SINGH + ASSOCIATES INC.
Ardmore Roderick

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 4th 2025
REGIONAL ENGINEER
January 23 20 26
ENGINEER OF DESIGN AND ENVIRONMENT
January 23 20 26
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT MANAGER PRAVEEN KAINI, P.E. (847) 705-4237

CONTRACT NO. 62P01

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS
3-9	SUMMARY OF QUANTITIES
10	EARTHWORK SCHEDULE
11-13	ALIGNMENT, TIES, AND BENCHMARKS
14-16	TYPICAL SECTIONS
17-19	REMOVAL PLAN
20-21	PLAN AND PROFILE
22-64	MAINTENANCE OF TRAFFIC PLAN
65-72	EROSION AND SEDIMENT CONTROL PLAN
73-80	DRAINAGE PLAN
81-87	PAVEMENT MARKING AND LANDSCAPE PLAN
88-94	TEMPORARY LIGHTING PLAN
95-113	STRUCTURES PLAN
114-163	CROSS SECTIONS
164-173	DISTRICT ONE DETAILS

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMALS OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420101-07	24' (7.2 m) JOINTED PCC PAVEMENT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
483001-06	PCC SHOULDER
602001-02	CATCH BASIN TYPE A
604036-03	GRATE TYPE 8
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631033-09	TRAFFIC BARRIER TERMINAL, TYPE 6B
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701416-11	LANE CLOSURE, FREEWAY / EXPRESSWAY, WITH CROSSOVER AND BARRIER
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

COMMITMENTS

1. TO CONSERVE NORTHERN LONG EARED BAT (NLEB) AND TRICOLORED BAT (TCB), NO TREE REMOVAL SHALL OCCUR BETWEEN APRIL 1 AND OCTOBER 31 OF ANY GIVEN YEAR.
2. HERBACEOUS AREAS WITHIN THE PROJECT CONSTRUCTION LIMITS WILL BE MOWED WEEKLY FROM MARCH 15TH TO OCTOBER 14TH THE YEAR OF CONSTRUCTION TO KEEP FLORAL RESOURCES FROM BLOOMING.
3. NO PARKING OR STAGING SHALL OCCUR ALONG IL 53 THAT INTERFERES WITH TRAFFIC DURING THE LENGTH OF THE PROJECT.
4. ANY DISTURBED GROUND SHALL BE RE-SEEDED WITH NATIVE PRAIRIE MIXES SUCH AS IDOT CLASS 4 OR 5, AS APPROPRIATE.

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOURS NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF ELWOOD, AND WILL COUNTY.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
6. THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS, BY THE CONTRACTOR, SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
7. THE COST OF SAW CUTTING SHALL BE INCLUDED IN THE UNIT PRICES FOR THE VARIOUS REMOVAL PAY ITEMS.
8. EXISTING UNDERGROUND AND ABOVE-GROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST OR THE EXISTENCE OF WHICH WAS NOT KNOWN AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY AND TO PROTECT ALL SUCH EXISTING FEATURES DURING CONSTRUCTION.
9. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
10. THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, AREA TRAFFIC FIELD ENGINEER, AT ERIC.CAMPOS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
11. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
12. ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE "DISTRICT 1 TYPICAL PAVEMENT MARKING" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
13. THE RESIDENT ENGINEER AND CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKING PRIOR TO THE PROJECT STARTING. IF A DISCREPANCIES OCCURS BETWEEN EXISTING PAVEMENT MARKINGS AND THE PROPOSED PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF TRAFFIC OPERATIONS.
14. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR, MEADE ELECTRIC COMPANY, AT (773) 287-7672 PRIOR TO THE START OF CONSTRUCTION TO LOCATE ALL IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES.
15. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
17. ONLY THOSE TREES DESIGNATED BY THE ENGINEER, LISTED IN THE TREE REMOVAL SCHEDULE, OR SHOWN IN THE PLANS SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS/HER OPERATIONS.
18. THE CONTRACTOR SHALL CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST TWO WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK.
19. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
20. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL STAGES OF CONSTRUCTION.
21. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THIS WORK IS NOT TO BE PAID SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
22. DURING CONSTRUCTION OPERATION, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKDAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE OF DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF CONTRACT.
23. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
24. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
25. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
26. THIS PROJECT REQUIRES AN US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AND IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
27. ALL AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
28. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR 1.
29. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULL LOADED TANDEM-AXLE TRUCK.
30. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
31. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.
32. NO TREE REMOVALS SHALL TAKE PLACE BETWEEN APRIL 1 AND OCTOBER 31 OF ANY CONSTRUCTION YEAR.
33. THE RESIDENT ENGINEER SHALL CONTACT THE MIDEWIN TALLGRASS NATIONAL PRAIRIE (WADE SPANG, PRAIRIE SUPERVISOR, AT 815-423-6370) PRIOR TO THE START OF CONSTRUCTION TO INFORM THEM OF THE INITIATION OF CONSTRUCTION ACTIVITIES NEAR THEIR PROPERTIES.
34. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

RAILROAD GENERAL NOTES

1. NO CONSTRUCTION EQUIPMENT, PERSONAL, OR ANY CONSTRUCTION ACTIVITY OF ANY KIND IS PERMITTED ON UNION PACIFIC RAILROAD'S (UP) PROPERTY.
2. DEMOLITION PLANS, DETAILS, PROCEDURES, AND SEQUENCE OF STAGED REMOVAL INCLUDING ALL STEPS NECESSARY TO REMOVE THE PORTIONS OF THE ROADWAY NEAR THE UP'S RIGHT-OF-WAY (ROW), INCLUDING BUT NOT LIMITED TO, THE EXISTING CULVERT SHALL BE REVIEWED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, AND SHALL BE DONE IN A SAFE MANNER BY THE CONTRACTOR SO AS TO NOT IMPACT THE UP'S ROW IN ANY WAY.
3. ALL LIFTING ACTIVITIES USING A CRANE OR SIMILAR EQUIPMENT NEAR THE UP'S PROPERTY, SHALL BE PLACED FAR ENOUGH FROM THE UP'S ROW LINE NEAREST TO IL ROUTE 53, SO AS TO AVOID ANY POTENTIAL TO "FOUL" THE TRACKS, IMPACT THE SAFETY OF RAILROAD EMPLOYEES AND RAILROAD OPERATIONS, OR ENCROACH ONTO THE UP'S ROW WITH THE CRANE BOOM.
4. IF AT ANY POINT DURING CONSTRUCTION, IT IS DETERMINED THAT CONSTRUCTION EQUIPMENT OR ACTIVITIES WILL ENCROACH ONTO THE UP'S ROW, THEN IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK WITH THE UP, SECURE ANY NECESSARY FLAGGING SERVICES, OBTAIN A RIGHT-OF-ENTRY PERMIT, AND OBTAIN RAILROAD PROTECTIVE LIABILITY INSURANCE PRIOR TO START OF WORK ON THE UP'S PROPERTY.

MODEL: General Notes [Sheet]
FILE NAME: c:\pwworking\pdmeral\pwprod\rwhite\dms5607\D162P01-sht-Gen-Notes.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	02
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Total Quantity	TYPE CODE: RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
20101000	TEMPORARY FENCE	FOOT	305	305		
20101100	TREE TRUNK PROTECTION	EACH	6	6		
20200100	EARTH EXCAVATION	CU YD	25951	25951		
20400800	FURNISHED EXCAVATION	CU YD	622	622		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4787	4787		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1988	1988		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1988	1988		
25003115	INTERSEEDING, CLASS 1B	ACRE	9	9		
25003210	INTERSEEDING, CLASS 2A	ACRE	5	5		
25003312	INTERSEEDING, CLASS 4A	ACRE	4	4		
25003322	INTERSEEDING, CLASS 5A	ACRE	4	4		
25100630	EROSION CONTROL BLANKET	SQ YD	61987	61987		
25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	44787	44787		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1281	1281		
28000305	TEMPORARY DITCH CHECKS	FOOT	2460	2460		
28000315	AGGREGATE DITCH CHECKS	TON	9	9		
28000400	PERIMETER EROSION BARRIER	FOOT	9613	9613		
28000500	INLET AND PIPE PROTECTION	EACH	10	10		
28100107	STONE RIPRAP, CLASS A4	SQ YD	2048	2048		
28100109	STONE RIPRAP, CLASS A5	SQ YD	129			129
28200200	FILTER FABRIC	SQ YD	2102	2102		

* = SPECIALTY ITEM

MODEL: SOQ [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56074\D162P01-SOQ.dgn

Primera
150 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-606-0610 F:312-606-0615

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JMR	REVISED - ####	
	CHECKED - MM	REVISED - ####	
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####	

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	03

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT

REV-SEP

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	100	100		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	938	938		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3323	3323		
	31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	158	158		
	31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	57	57		
	35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	379	379		
	40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	43	43		
	42000570	PORTLAND CEMENT CONCRETE PAVEMENT 15" (JOINTED)	SQ YD	342	342		
	44000100	PAVEMENT REMOVAL	SQ YD	4069	4069		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	80	80		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	252	252		
	44201298	DOWEL BARS 1 1/4"	EACH	48	48		
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	576	576		
	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	158	158		
	48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	57	57		
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1
	50105220	PIPE CULVERT REMOVAL	FOOT	891	891		
	50200100	STRUCTURE EXCAVATION	CU YD	29			29
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	160			160
	50300225	CONCRETE STRUCTURES	CU YD	31.9			31.9

* = SPECIALTY ITEM

MODEL: SOQ-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\d\ms550741D1\62P01-SOQ.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 CHICAGO IL 60661 P:312-606-0810 F:312-606-0815

USER NAME = mmathews	DESIGNED - MM	REVISED - ####
	DRAWN - JMR	REVISED - ####
	CHECKED - MM	REVISED - ####
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	04
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0010	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0010
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	65			65
	50300300	PROTECTIVE COAT	SQ YD	144			144
	50500505	STUD SHEAR CONNECTORS	EACH	105			105
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	92210			92210
	50901720	BICYCLE RAILING	FOOT	51			51
	50901750	PARAPET RAILING	FOOT	128			128
	51500100	NAME PLATES	EACH	2			2
	52200010	TEMPORARY SHEET PILING	SQ FT	3537			3537
	52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	550			550
	52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	4235			4235
	52200250	UNTREATED TIMBER LAGGING	SQ FT	662.5			662.5
	54003000	CONCRETE BOX CULVERTS	CU YD	261.5			261.5
	54011209	PRECAST CONCRETE BOX CULVERTS 12' X 9'	FOOT	185			185
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2		
	5421D015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	891	891		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	12	12		
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	33			33
	58700300	CONCRETE SEALER	SQ FT	850			850
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	379			379
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
	60500050	REMOVING CATCH BASINS	EACH	1	1		

* = SPECIALTY ITEM

MODEL: SOQ-3 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\d\ms55074\D1162P01-SOQ.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-986-0810 F:312-986-0815

USER NAME = mmathews	DESIGNED - MM	REVISED - ####
	DRAWN - JMR	REVISED - ####
	CHECKED - MM	REVISED - ####
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	05
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	775	775		
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
*	63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2		
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
	63200310	GUARDRAIL REMOVAL	FOOT	1107	1107		
	63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	3013	3013		
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	3172	3172		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2	2		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	60	60		
	67100100	MOBILIZATION	L SUM	1	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	568	568		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	15286	15286		
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	42	42		
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	42978	42978		
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2121	2121		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	3013	3013		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2963	2963		

* = SPECIALTY ITEM

MODEL: SOQ-4 [Sheet]
FILE NAME: c:\wworking\primera\pwprod\ricel\dms560741D162P01-SOQ.dgn

Primera
150 W. JACKSON BLVD. SUITE 630 CHICAGO IL 60661 P:312-606-0610 F:312-606-0611

USER NAME = mmathews	DESIGNED - MM	REVISED - ####
	DRAWN - JMR	REVISED - ####
	CHECKED - MM	REVISED - ####
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	06
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3	3		
	70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182	182		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3452	3452		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	743	743		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	112	112		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	29509	29509		
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	516	516		
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	95	95		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	7	7		
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	10	10		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	7	7		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	12209.5	12209.5		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	300		300	
*	81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1700		1700	
*	83057435	LIGHT POLE, WOOD, 80 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	10		10	
*	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	10		10	
*	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2		2	
*	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	350		350	

* = SPECIALTY ITEM

MODEL: SOQ-5 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56074\D162P01-SOQ.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-606-0610 F:312-606-0615

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	
	DRAWN - JMR	REVISED - ####	
	CHECKED - MM	REVISED - ####	
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	07

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT

REV-SEP

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
	K1003660	MOWING CYCLES	EACH	12	12		
	X0327120	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT	ACRE	13	13		
*	X1400279	REMOVAL OF TEMPORARY LIGHTING CONTROLLER, NO SALVAGE	EACH	2		2	
	X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	1	1		
	X2010400	STUMP REMOVAL ONLY	UNIT	423	423		
	X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	5	5		
	X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	5	5		
	X2503110	MOWING (SPECIAL)	ACRE	13	13		
	X5021512	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1	1		
	X5220003	SHEET PILE REMOVAL (SPECIAL)	SQ FT	1167			1167
	X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	298			298
	X6420100	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1170	1170		
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	288	288		
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	355	355		
*	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	355	355		
*	X8211016	TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	10		10	
*	X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	2		2	
*	X8302161	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	2		2	

* = SPECIALTY ITEM

MODEL: SOQ-6 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56074\D162P01-SOQ.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-606-0610 F:312-606-0616

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JMR	REVISED - ####	
	CHECKED - MM	REVISED - ####	
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####	

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	08

CONTRACT NO. 62P01

ILLINOIS FED. AID PROJECT

REV-SEP

SUMMARY OF QUANTITIES

	Code No.	Item	Unit	Total Quantity	TYPE CODE RURAL ROADWAY 80% FED 20% STATE 0004	RURAL LIGHTING 80% FED 20% STATE 0021	RURAL BOX CULVERT 80% FED 20% STATE 0004
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1		
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	534	534		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0054406	ROCK FILL - FOUNDATION	CU YD	160			160
	Z0062456	TEMPORARY PAVEMENT	SQ YD	3323	3323		
*	X8040106	ELECTRIC SERVICE INSTALLATION AND CONNECTION	EACH	2		2	
Ø	Z0076600	TRAINEES	HOUR	500	500		
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500		

* = SPECIALTY ITEM

Ø 0042

MODEL: SOQ-7 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jrice\d0ms56074\D1662P01-SOQ.dgn

Primera
150 W. JACKSON BLVD. SUITE 620 CHICAGO IL 60661 P:312-906-0910 F:312-906-0919

USER NAME = jrice	DESIGNED - MM	REVISED -	
	DRAWN - JMR	REVISED -	
	CHECKED - MM	REVISED -	
PLOT DATE = 12/5/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	09
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

REV-SEP

FINAL CONDITION EARTHWORK SCHEDULE

LOCATION			EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION DEPTH = 4"	TOPSOIL FILL DEPTH = 4"	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STA	TO	STA	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
300+00		300+50	0	0	0	0	0	0	0
300+50		301+00	32	28	0	28	22	22	0
301+00		301+50	61	52	0	52	32	32	0
301+50		302+00	91	78	4	74	39	39	0
302+00		302+50	127	108	8	100	46	46	0
302+50		303+00	163	139	10	129	51	51	0
303+00		303+50	220	187	14	173	73	73	0
303+50		304+00	239	204	44	160	84	84	0
304+00		304+50	223	190	89	101	80	80	0
304+50		305+00	221	188	129	59	86	86	0
305+00		305+50	228	194	147	47	87	87	0
305+50		306+00	239	204	154	50	89	89	0
306+00		306+50	243	207	174	33	92	92	0
306+50		307+00	435	370	200	170	94	94	0
307+00		307+50	1,037	882	118	764	87	87	0
307+50		308+00	2,196	1,867	69	1,798	86	86	0
308+00		308+50	1,653	1,406	101	1,305	96	96	0
308+50		309+00	351	299	87	212	96	96	0
309+00		309+50	329	280	84	196	95	95	0
309+50		310+00	327	278	59	219	96	96	0
310+00		310+50	343	292	30	262	96	96	0
310+50		311+00	353	301	17	284	98	98	0
311+00		311+50	368	313	9	304	88	88	0
311+50		312+00	419	357	2	355	79	79	0
312+00		312+50	510	434	2	432	84	84	0
312+50		313+00	587	499	1	498	88	88	0
313+00		313+50	649	552	6	546	91	91	0
313+50		314+00	730	621	13	608	95	95	0
314+00		314+50	820	697	18	679	99	99	0
314+50		315+00	861	732	20	712	101	101	0
315+00		315+50	853	726	20	706	104	104	0
315+50		316+00	837	712	22	690	106	106	0
316+00		316+50	758	645	24	621	103	103	0
316+50		317+00	626	533	23	510	95	95	0
317+00		317+50	493	420	18	402	85	85	0
317+50		318+00	373	318	13	305	74	74	0
318+00		318+50	277	236	9	227	64	64	0
318+50		319+00	208	177	5	172	57	57	0
319+00		319+50	148	126	1	125	48	48	0
319+50		320+00	84	72	0	72	34	34	0
320+00		320+50	38	33	0	33	18	18	0
320+50		321+00	20	17	0	17	9	9	0
321+00		321+50	17	15	0	15	9	9	0
321+50		322+00	14	12	0	12	9	9	0
322+00		322+50	14	12	0	12	11	11	0
322+50		323+00	20	17	0	17	17	17	0
323+00		323+50	23	20	1	19	23	23	0
323+50		324+00	26	23	1	22	24	24	0
324+00		324+50	35	30	4	26	29	29	0
324+50		325+00	40	34	9	25	36	36	0
325+00		325+50	49	42	11	31	38	38	0
325+50		326+00	59	51	9	42	39	39	0
326+00		326+50	63	54	4	50	39	39	0
326+50		327+00	74	63	3	60	39	39	0
327+00		327+50	89	76	3	73	42	42	0
327+50		328+00	112	96	1	95	45	45	0
328+00		328+50	139	119	1	118	43	43	0
328+50		329+00	146	125	1	124	42	42	0
329+00		329+50	139	119	1	118	39	39	0
329+50		330+00	135	115	1	114	31	31	0
330+00		330+50	125	107	0	107	25	25	0
330+50		331+00	114	97	0	97	25	25	0
331+00		331+50	95	81	0	81	24	24	0
331+50		332+00	78	67	1	66	24	24	0
332+00		332+50	71	61	1	60	23	23	0
332+50		333+00	72	62	1	61	29	29	0
333+00		333+50	54	46	3	43	35	35	0
333+50		334+00	36	31	5	26	31	31	0
334+00		334+50	55	47	7	40	30	30	0
334+50		335+00	40	34	13	21	25	25	0
335+00		335+50	8	7	21	-14	9	9	0
335+50		336+00	10	9	34	-25	11	11	0
336+00		336+50	12	11	44	-33	21	21	0
336+50		337+00	6	6	24	-18	11	11	0
337+00		337+50	3	3	12	-9	10	10	0
337+50		338+00	38	33	32	1	30	30	0
338+00		338+50	139	119	40	79	29	29	0
338+50		339+00	242	206	33	173	17	17	0
339+00		339+50	290	247	19	228	16	16	0
339+50		340+00	338	288	9	279	15	15	0
340+00		340+50	406	346	6	340	13	13	0
340+50		341+00	439	374	4	370	12	12	0
341+00		341+50	442	376	0	376	6	6	0
341+50		342+00	344	293	0	293	0	0	0
		TOTAL	23,421	19,948	2,103	17,845	4,173	4,173	0

MAINTENANCE OF TRAFFIC EARTHWORK SCHEDULE

LOCATION				EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION DEPTH = 4"	TOPSOIL FILL DEPTH = 4"	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)
STA	TO	STA	FEATURE	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
MOT STAGE 1										
292+00.00		302+00.00	SOUTH CROSSOVER	565	565	1452	-887	232	232	0
302+00.00		321+00.00	SHOULDER WIDENING	193	164	22	142	44	44	0
321+00.00		331+00.00	NORTH CROSSOVER	528	449	177	272	90	90	0
			STAGE 1 SUB-TOTAL	1286	1178	1651	-473	366	366	0
MOT STAGE 2										
292+00.00		302+00.00	SOUTH CROSSOVER	367	312	1119	-807	160	160	0
302+00.00		321+00.00	SHOULDER WIDENING	190	162	7	155	41	41	0
321+00.00		331+00.00	NORTH CROSSOVER	687	584	80	504	47	47	0
			STAGE 2 SUB-TOTAL	1244	1057	1206	-149	248	248	0
			TOTAL	2530	2235	2857	-622	614	614	0

SHRINKAGE FACTOR 15.0%

EARTHWORK SUMMARY

LOCATION	20200100	20400800	21101505	66900200
	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	NON-SPECIAL WASTE DISPOSAL
	CU YD	CU YD	CU YD	CU YD
MOT	2530	622	614	1
PR	23421	0	4173	1
TOTAL	25951	622	4787	2

NOTE: NON-SPECIAL WASTE DISPOSAL INCLUDED WITH A NOMINAL QUANTITY AND WILL BE UPDATED ONCE PSI REPORT IS RECEIVED

MODEL: Schedules-1 [Sheet]
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-sht-Schedules.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 11/3/2025	DATE - 04/11/2025	REVISED - ####	

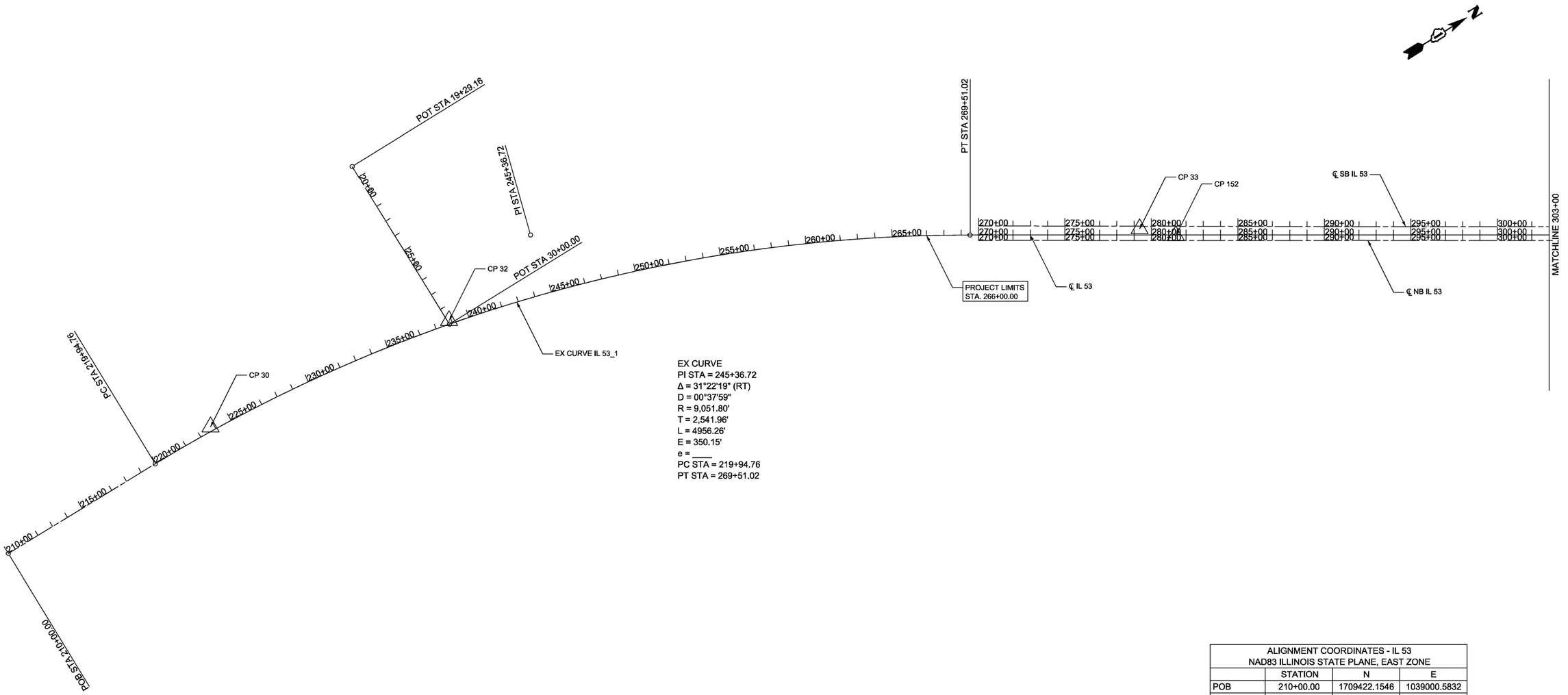
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	10
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

####



ALIGNMENT COORDINATES - IL 53 NAD83 ILLINOIS STATE PLANE, EAST ZONE			
	STATION	N	E
POB	210+00.00	1709422.1546	1039000.5832
PC	219+94.76	1710416.5215	1038972.6726
PI	245+36.72	1712957.4797	1038901.3507
PT	269+51.02	1715164.0931	1040163.2590

MODEL: Alignment [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-ATB.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-086-0910 F:312-086-0405

USER NAME = mmathews	DESIGNED - MM	REVISED - ####
	DRAWN - MM	REVISED - ####
	CHECKED - JB	REVISED - ####
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED - ####

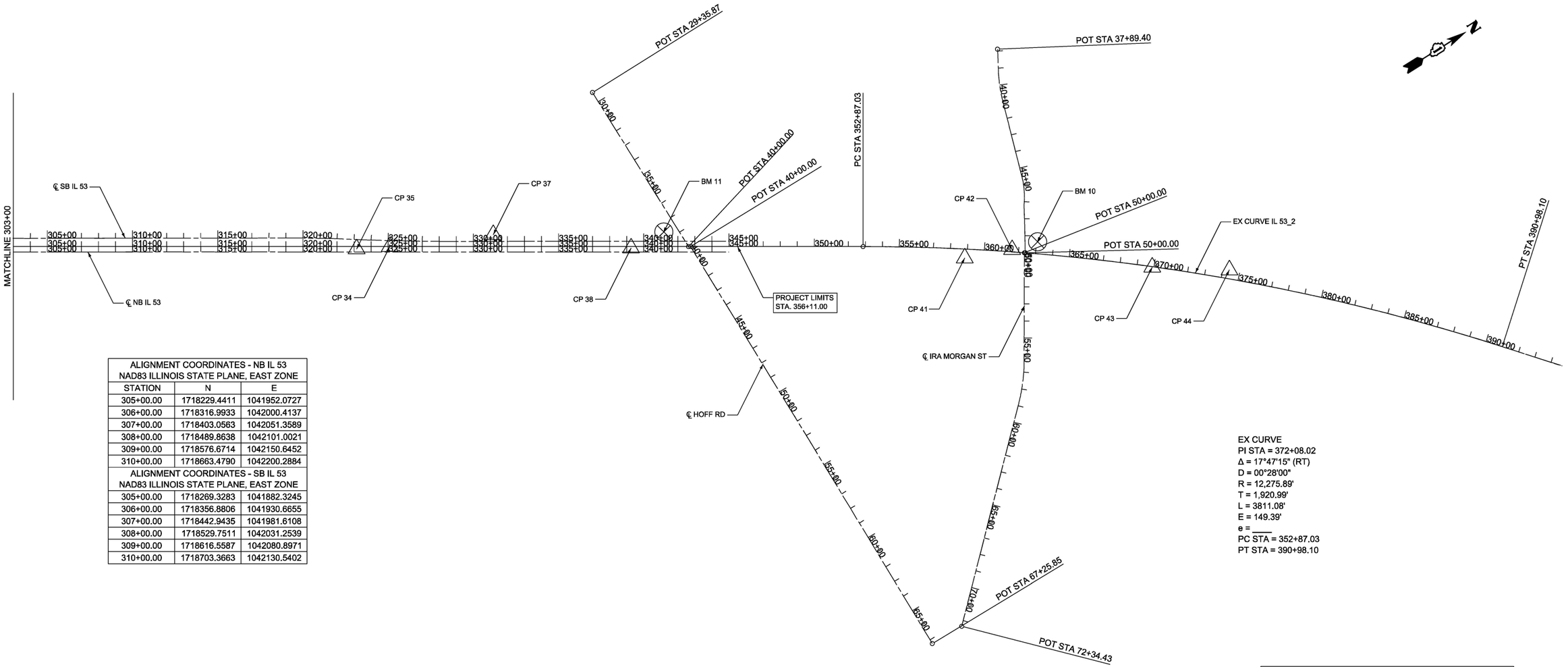
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 ALIGNMENT, TIES & BENCHMARK

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	11
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####



EX CURVE
PI STA = 372+08.02
Δ = 17°47'15" (RT)
D = 00°28'00"
R = 12,275.89'
T = 1,920.99'
L = 3811.08'
E = 149.39'
e = ____
PC STA = 352+87.03
PT STA = 390+98.10

ALIGNMENT COORDINATES - NB IL 53 NAD83 ILLINOIS STATE PLANE, EAST ZONE		
STATION	N	E
305+00.00	1718229.4411	1041952.0727
306+00.00	1718316.9933	1042000.4137
307+00.00	1718403.0563	1042051.3589
308+00.00	1718489.8638	1042101.0021
309+00.00	1718576.6714	1042150.6452
310+00.00	1718663.4790	1042200.2884
ALIGNMENT COORDINATES - SB IL 53 NAD83 ILLINOIS STATE PLANE, EAST ZONE		
305+00.00	1718269.3283	1041882.3245
306+00.00	1718356.8806	1041930.6655
307+00.00	1718442.9435	1041981.6108
308+00.00	1718529.7511	1042031.2539
309+00.00	1718616.5587	1042080.8971
310+00.00	1718703.3663	1042130.5402

ALIGNMENT COORDINATES - IL 53 NAD83 ILLINOIS STATE PLANE, EAST ZONE			
	STATION	N	E
PI	339+00.21	1721196.4815	1043613.0346
PC	352+87.03	1722400.3773	1044301.5133
PI	372+08.02	1724067.9441	1045255.1540
PT/POT	390+98.10	1725364.4669	1046672.6300

MODEL: Alignment-1 [Sheet]
FILE NAME: c:\pwworking\ptmeral\pwprod\mmathews\dms5607\D1f62P01-sht-ATB.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-086-0910 F:312-086-0415

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	
	DRAWN - MM	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED - ####	

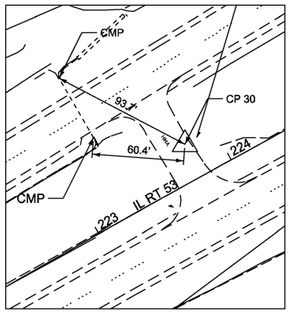
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 ALIGNMENT, TIES & BENCHMARK

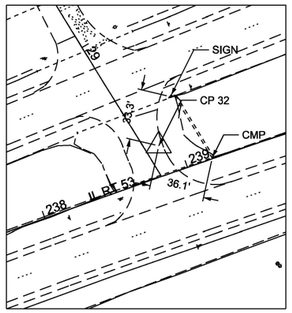
SCALE: | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	12
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

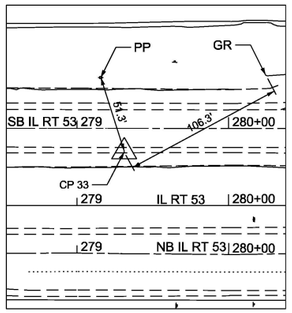
#####



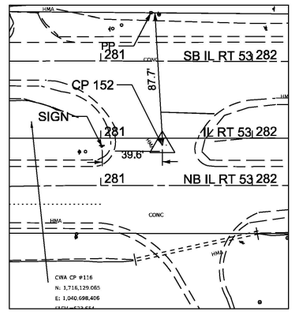
CONTROL POINT #30
N: 1710800.2511
E: 1038946.3550



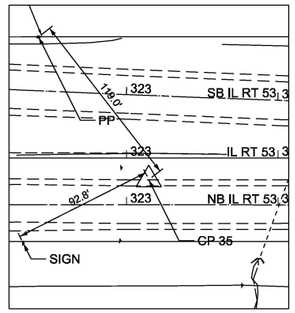
CONTROL POINT #32
N: 1712303.1178
E: 1039097.4754



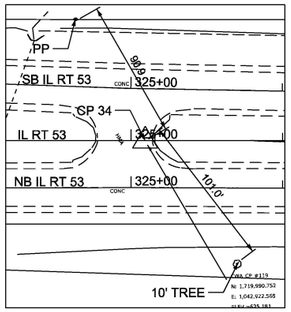
CONTROL POINT #33
N: 1716032.3960
E: 1040619.0107



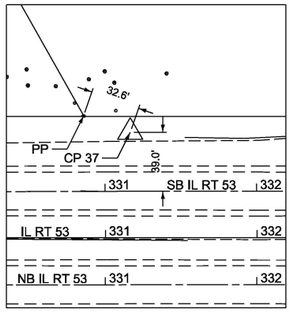
CONTROL POINT #152
N: 1716194.4294
E: 1040758.0480



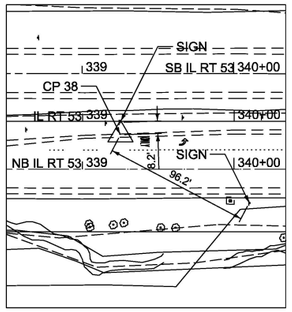
CONTROL POINT #35
N: 1719813.0427
E: 1042838.4085



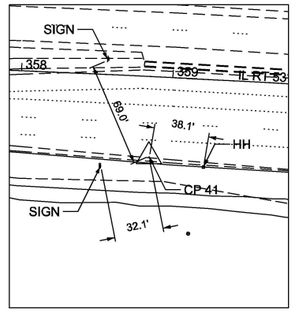
CONTROL POINT #34
N: 1719989.0811
E: 1042922.5519



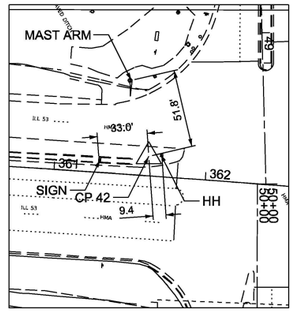
CONTROL POINT #37
N: 1720550.6456
E: 1043163.5666



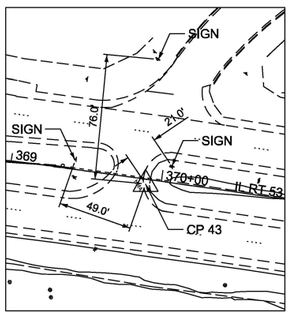
CONTROL POINT #38
N: 1721213.6622
E: 1043633.1432



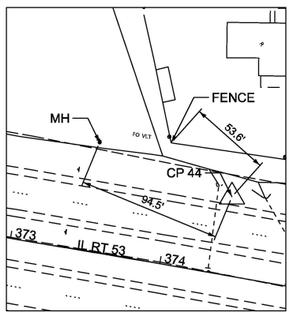
CONTROL POINT #41
N: 1722885.1196
E: 1044656.1791



CONTROL POINT #42
N: 1723150.7098
E: 1044751.7695



CONTROL POINT #43
N: 1723813.3927
E: 1045249.0853



CONTROL POINT #44
N: 1724198.8436
E: 1045488.1087

BENCHMARK #10
ELEV. 643.044
"□" CUT IN NE CORNER CONCRETE BASE OF TCB
IN NW CORNER OF IL 53 AND IRA MORGAN ST

BENCHMARK #11
ELEV. 633.325
SET RR SPIKE IN E SIDE OF P. P.
AT SW CORNER OF RT 53 AND HOFF RD

MODEL: Ties and Benchmarks-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D1f62P01-sht-ATB.dgn

Primera
650 W. JACKSON BLVD. SUITE 808 . CHICAGO IL 60661 P.312-086-0910 F.312-086-0405

USER NAME = mmathews	DESIGNED - MM	REVISED - ####
	DRAWN - MM	REVISED - ####
	CHECKED - JB	REVISED - ####
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED - ####

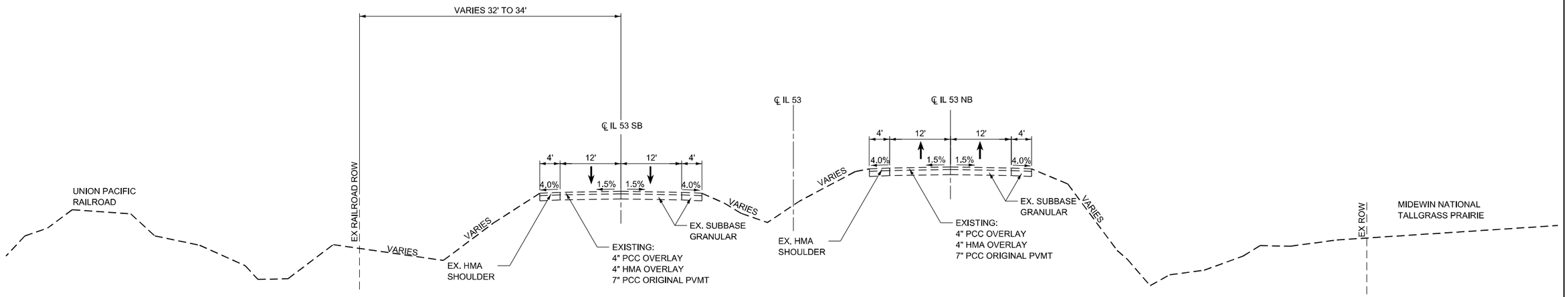
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 53 ALIGNMENT, TIES & BENCHMARK

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

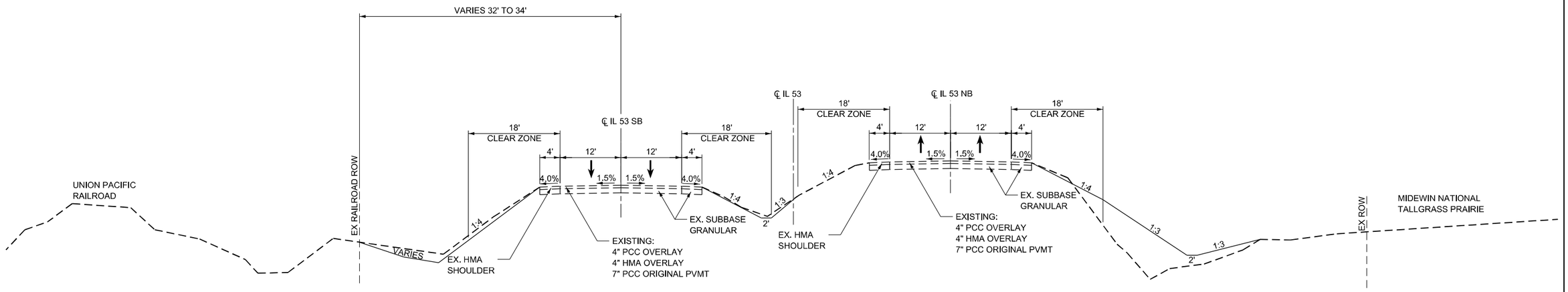
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	13
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



EXISTING TYPICAL SECTION

STA: 281+50 TO 337+85



PROPOSED TYPICAL SECTION

STA: 281+50 TO 337+85

MODEL: Typical Sections [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-typicals.dgn

Primera
150 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = JEssner	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 11/05/2025	REVISED - ####	

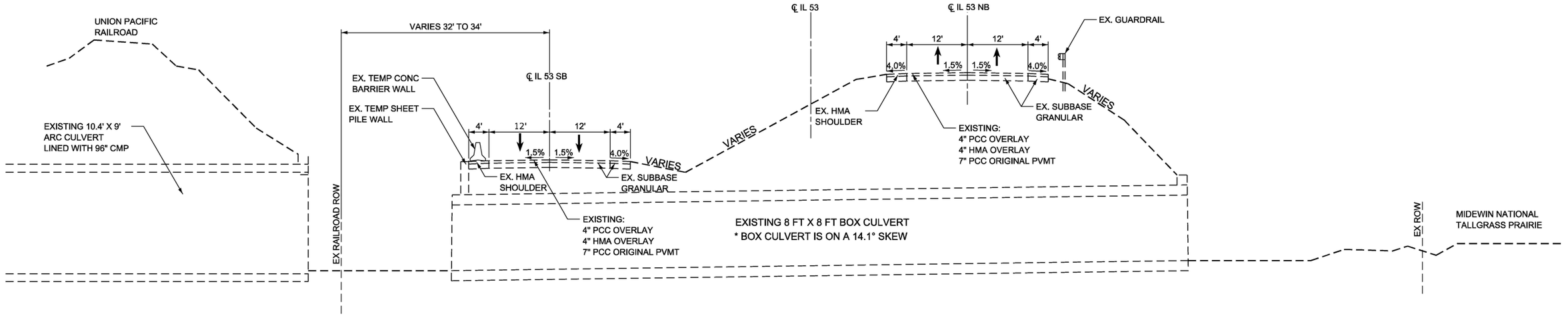
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

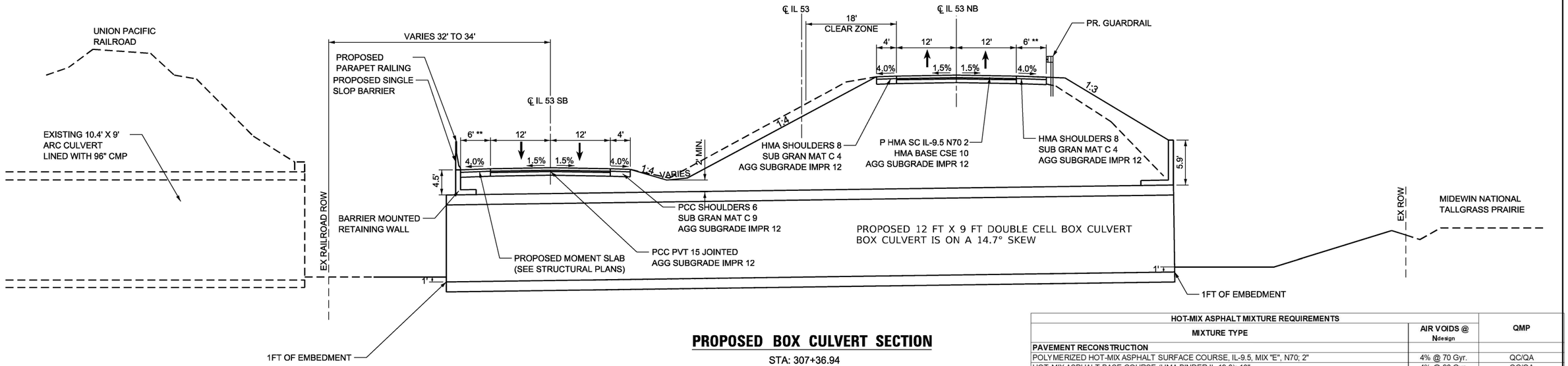
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	14
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

#####



EXISTING BOX CULVERT SECTION

STA: 307+44.30 (MAIN CELL)



PROPOSED BOX CULVERT SECTION

STA: 307+36.94

NB PAVEMENT RECONSTRUCTION STA. 306+58 TO STA. 308+00

SB PAVEMENT RECONSTRUCTION STA. 306+91 TO STA. 308+19

**INSTALL GUARDRAIL AT 4' TO MATCH APPROACH SECTIONS. THE CULVERT LENGTH CAN ACCOMMODATE 6' OUTSIDE SHOULDER FOR BICYCLE USE IN THE FUTURE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ N_{design}	QMP
PAVEMENT RECONSTRUCTION		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); 10"	4% @ 90 Gyr.	QC/QA
HOT-MIX ASPHALT SHOULDERS 8"		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6"	4% @ 90 Gyr.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 Gyr.	QC/QA
SHOULDER RUMBLE STRIP REMOVAL		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 Gyr.	QC/QA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE(QA/QC); QUALITY CONTROL FOR PERFORMANCE(QCP); PAY FOR PERFORMANCE (PFP)

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

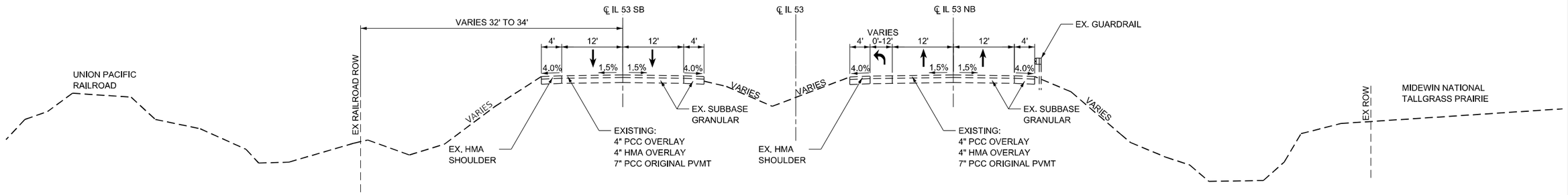
MODEL: Typical Sections-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessnerf\dms55077\D1622P01-sht-typicals.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-986-8910 F:312-986-8915

USER NAME = rileywhite	DESIGNED - RMV	REVISED - ####	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	
	DRAWN - RMV	REVISED - ####			
	CHECKED - JB	REVISED - ####			
PLOT DATE = 4/12/2025	DATE - 04/11/2025	REVISED - ####		SCALE:	SHEET 2 OF 3 SHEETS STA. TO STA.

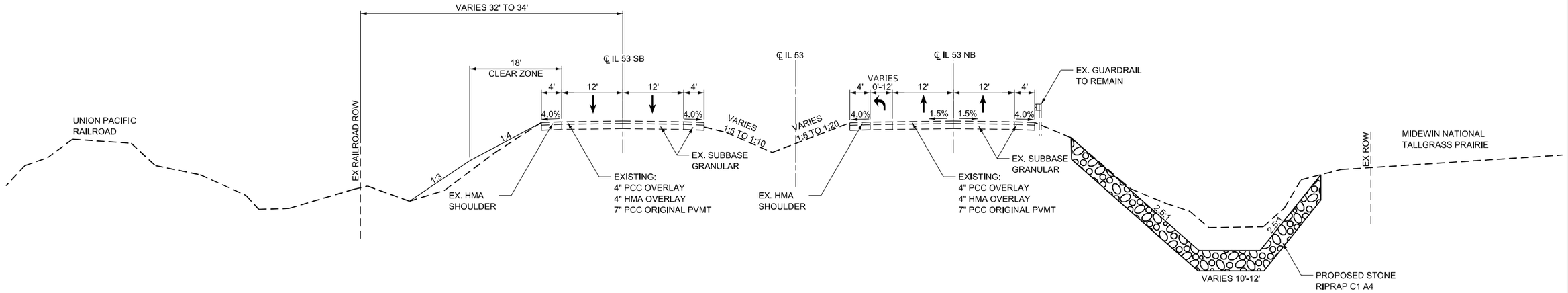
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	15
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



EXISTING TYPICAL SECTION

STA: 337+85 TO 341+70



PROPOSED TYPICAL SECTION

STA: 337+85 TO 341+70

MODEL: Typical Sections-2 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56077\D162P01-sht-typicals.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = JEssner	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

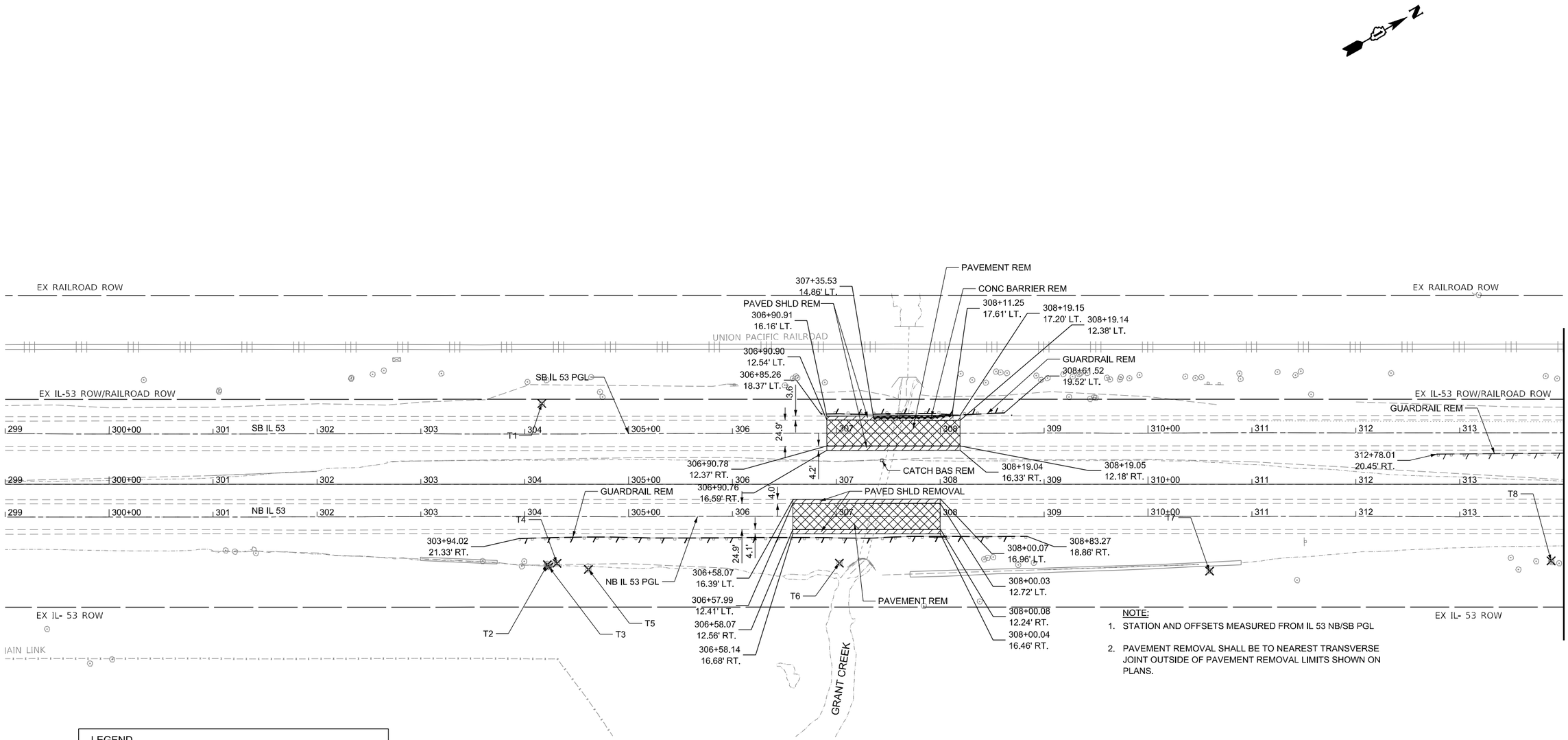
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	16
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



NOTE:

1. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL
2. PAVEMENT REMOVAL SHALL BE TO NEAREST TRANSVERSE JOINT OUTSIDE OF PAVEMENT REMOVAL LIMITS SHOWN ON PLANS.

LEGEND

- PAVED SHOULDER REMOVAL (44004250)
- PAVEMENT REMOVAL(44000100)
- GUARDRAIL REMOVAL (63200310)
- CONCRETE BARRIER REMOVAL (44001980)
- STUMP REMOVAL (X2010400)

0 50 100
SCALE IN FEET

MODEL: EXCL_IL54 - Roadway Removals [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-removal.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	
	DRAWN - MM	REVISED - ####	
	CHECKED - JMR	REVISED - ####	
PLOT DATE = 10/30/2025	DATE - 11/05/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVAL PLANS
####

SCALE: 1"=50' | SHEET 1 OF 3 SHEETS | STA. 299+00.00 TO STA. 314+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	17
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####

STUMP REMOVAL (6 TO 15 UNITS DIAMETER) SCHEDULE

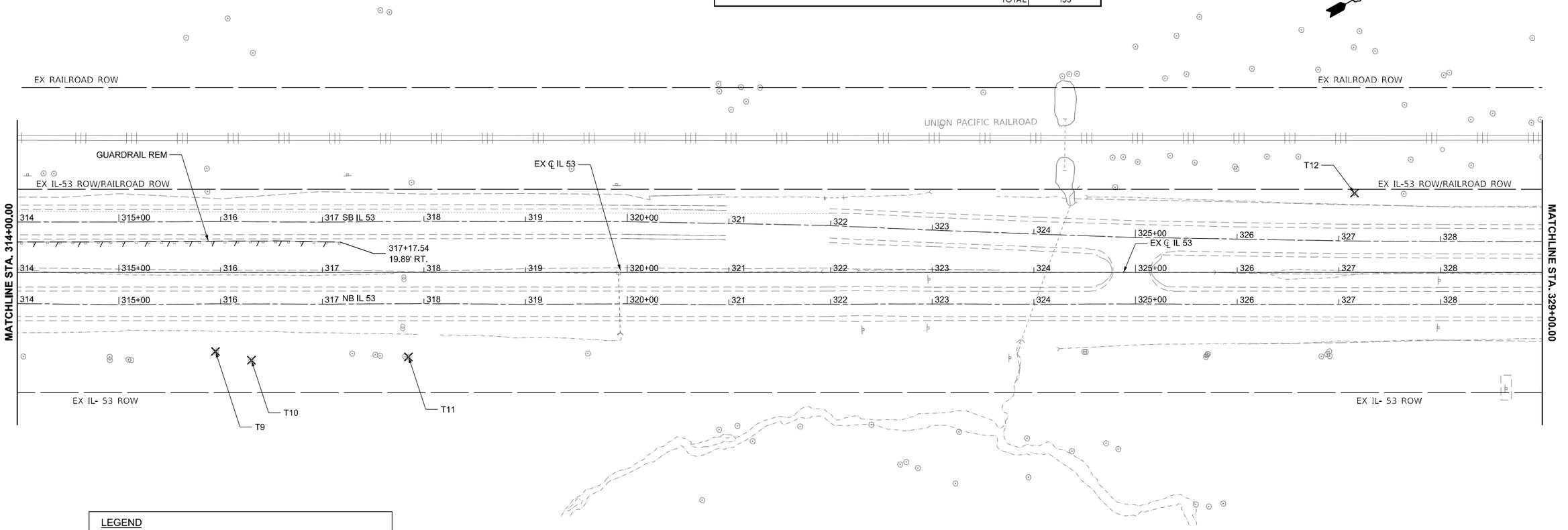
POINT	NORTHING	EASTING	STATION	OFFSET	LT/RT	UNITS
T2	1718138.51	1041953.31	304+21.68	77.31	RT	15
T3	1718138.72	1041955.96	304+23.18	79.50	RT	15
T4	1718147.30	1041956.73	304+31.01	75.91	RT	15
T6	1718383.26	1042091.59	307+02.79	75.84	RT	12
T7	1718688.83	1042275.08	310+59.14	83.43	RT	10
T8	1718979.07	1042429.72	313+87.85	73.59	RT	6
T9	1719156.88	1042536.01	315+94.97	77.59	RT	10
T11	1719318.94	1042634.93	317+84.76	83.00	RT	12 (2x6 MULTI)
T12	1720206.64	1042956.92	327+15.20	78.17	LT	9
T14	1721051.11	1043606.59	337+70.78	66.57	RT	6
T15	1721062.31	1043619.03	337+86.67	71.81	RT	6
T16	1721166.28	1043673.87	339+04.16	67.80	RT	8
T17	1721165.95	1043676.08	339+04.97	69.88	RT	8
T18	1721180.12	1043682.39	339+20.39	68.33	RT	8
T19	1721186.76	1043684.65	339+27.28	66.99	RT	6
T20	1721206.26	1043699.52	339+51.60	70.22	RT	7
					TOTAL	153

STUMP REMOVAL (OVER 15 UNITS DIAMETER) SCHEDULE

POINT	NORTHING	EASTING	STATION	OFFSET	LT/RT	UNITS
T1	1718210.89	1041816.09	304+16.39	77.74	LT	18 (3x6 MULTI)
T5	1718170.58	1041976.82	304+61.20	81.80	RT	28
T10	1719183.16	1042561.04	316+30.22	86.26	RT	120 (5x24 MULTI)
T13	1720515.83	1043313.38	331+60.56	77.77	RT	30 (3x10 MULTI)
T21	1721214.81	1043704.44	339+61.46	70.25	RT	24 (2x12 MULTI)
T22	1721273.42	1043745.57	340+32.76	76.85	RT	30 (3x10 MULTI)
T23	1721288.86	1043750.10	340+48.40	73.12	RT	20 (2x10 MULTI)
					TOTAL	270

NOTE:

1. STUMP REMOVAL STATION AND OFFSETS MEASURED FROM IL 53 CENTERLINE.
2. TREES WERE REMOVED AS PART OF SEPARATE CONTRACT.



LEGEND

- PAVED SHOULDER REMOVAL (44004250)
- PAVEMENT REMOVAL(44000100)
- GUARDRAIL REMOVAL (63200310)
- CONCRETE BARRIER REMOVAL (44001980)
- STUMP REMOVAL (X2010400)

0 50 100
SCALE IN FEET

MODEL: ExCL_IL54 - Roadway Removals-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-removal.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	
	DRAWN - MM	REVISED - ####	
	CHECKED - JMR	REVISED - ####	
PLOT DATE = 10/30/2025	DATE - 11/05/2025	REVISED - ####	

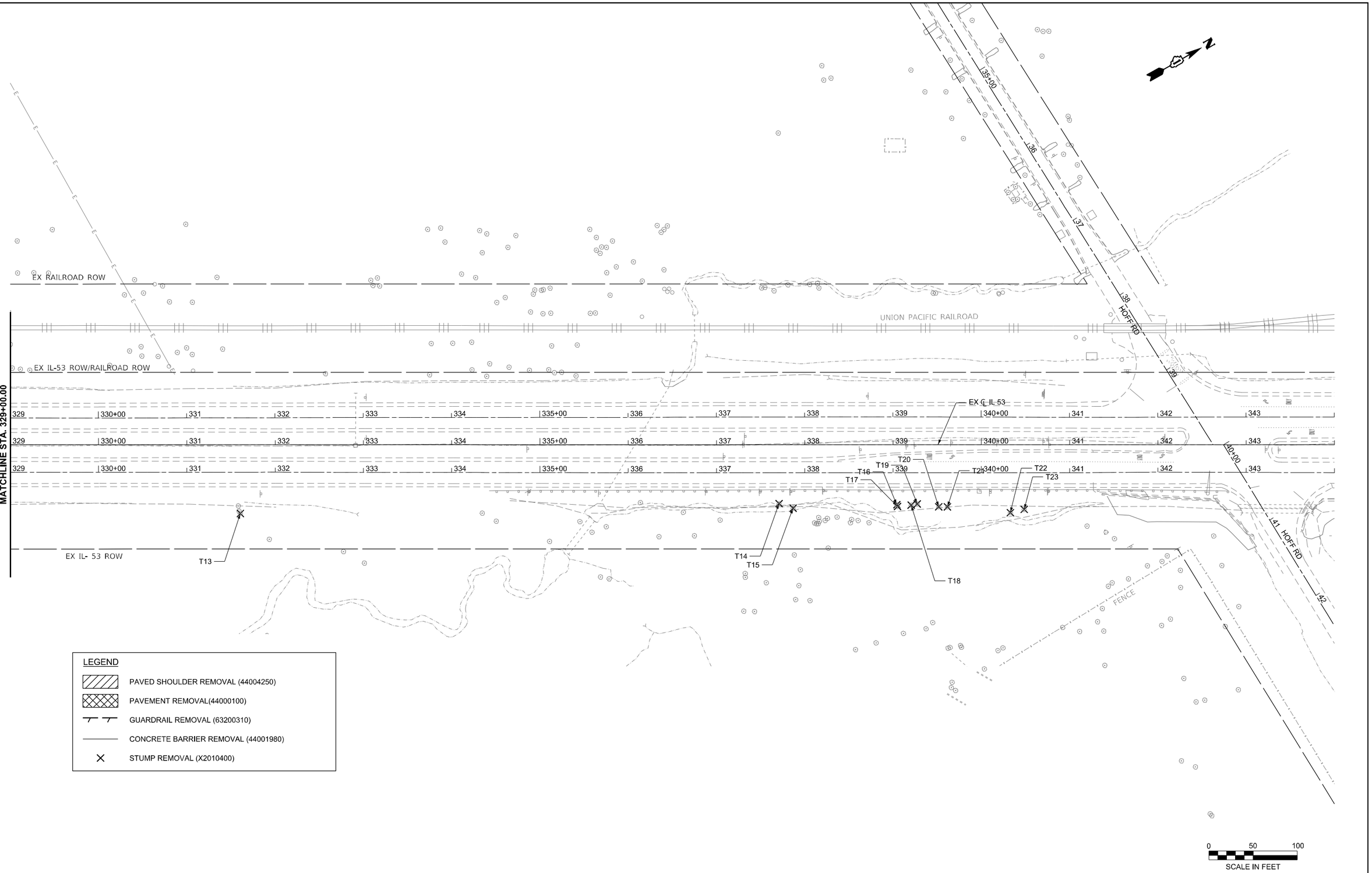
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVAL PLANS
####

SCALE: 1"=50' | SHEET 2 OF 3 SHEETS | STA. 314+00.00 TO STA. 329+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	18
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



MODEL: ExCL_IL54 - Roadway Removals-2 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-removal.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	
	DRAWN - MM	REVISED - ####	
	CHECKED - JMR	REVISED - ####	
PLOT DATE = 10/30/2025	DATE - 11/05/2025	REVISED - ####	

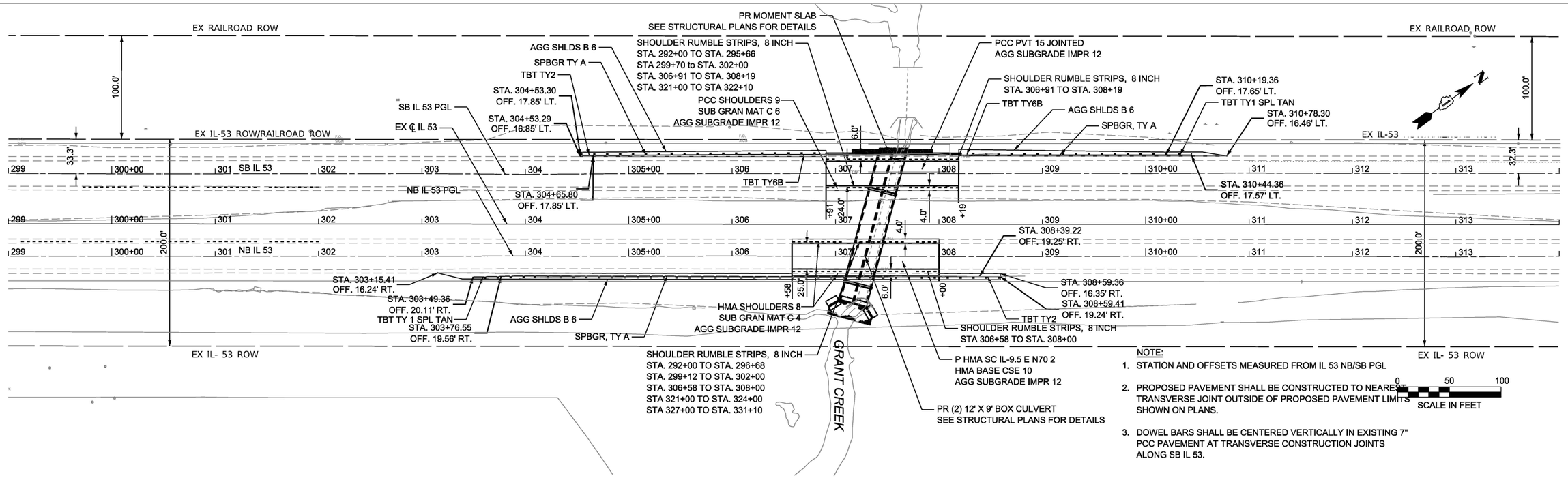
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY REMOVAL PLANS

SCALE: 1"=50' | SHEET 3 OF 3 SHEETS | STA. 329+00.00 TO STA. 344+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	19
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

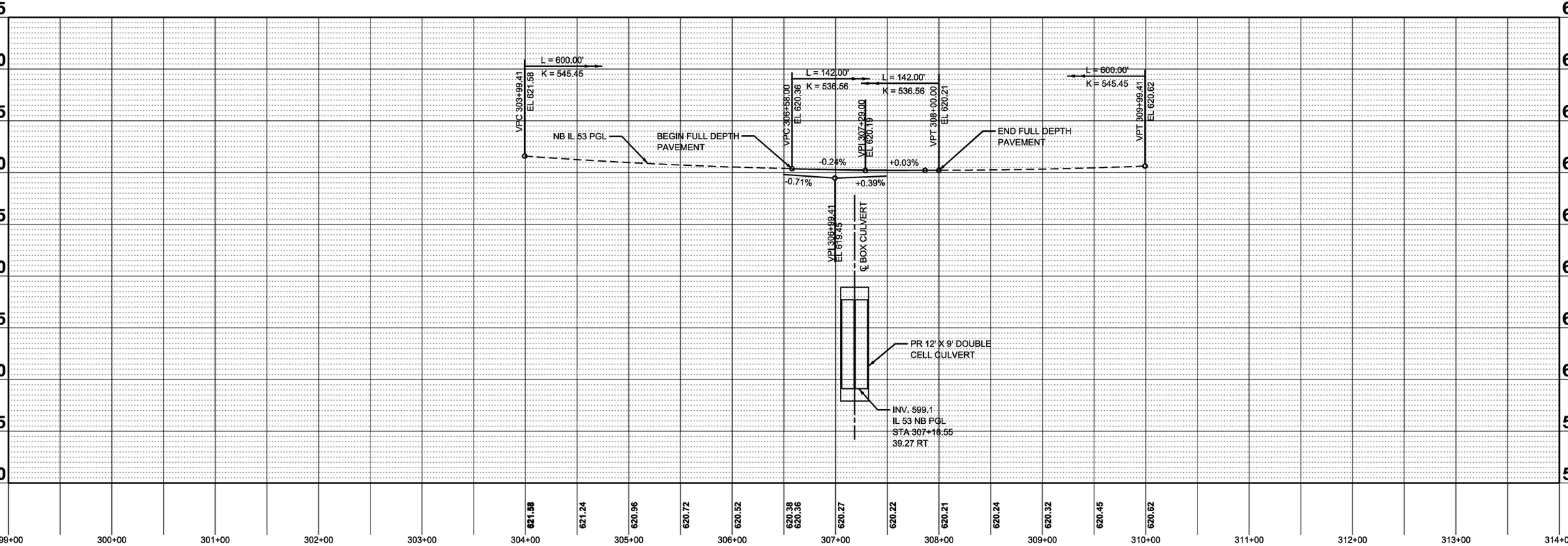
####



NOTE:

1. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL
2. PROPOSED PAVEMENT SHALL BE CONSTRUCTED TO NEAREST TRANSVERSE JOINT OUTSIDE OF PROPOSED PAVEMENT LIMITS SHOWN ON PLANS.
3. DOWEL BARS SHALL BE CENTERED VERTICALLY IN EXISTING 7" PCC PAVEMENT AT TRANSVERSE CONSTRUCTION JOINTS ALONG SB IL 53.

0 50 100
SCALE IN FEET



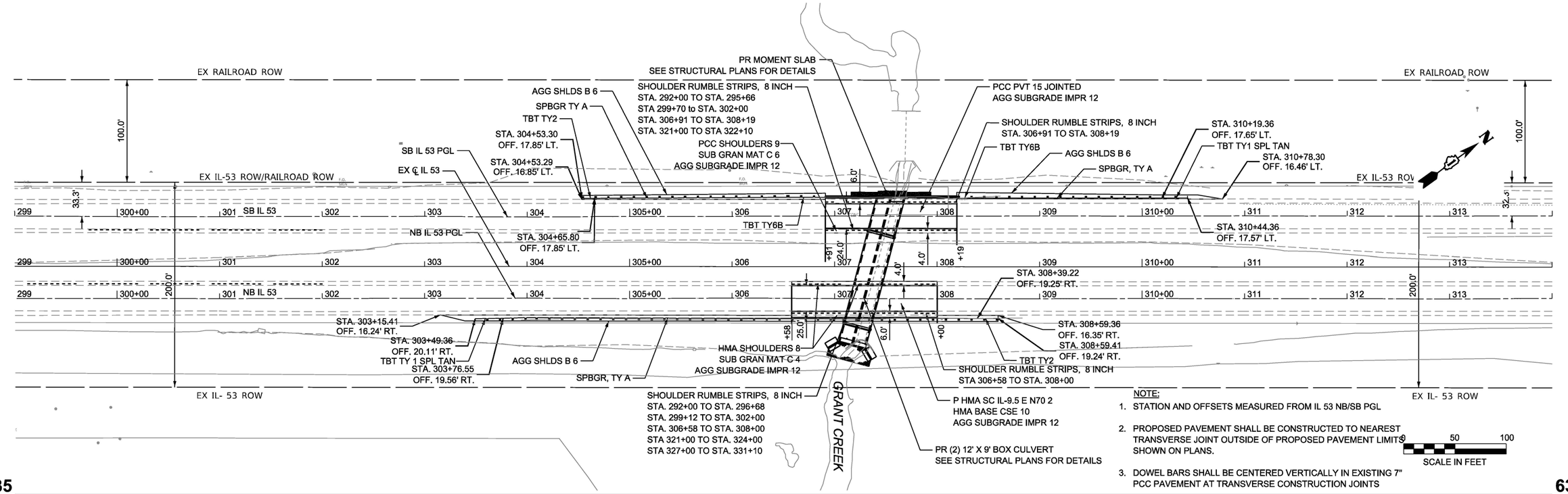
MODEL: EX_NB_CL - NB IL 53 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms5607\D162P01-sht-plan&profile.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-986-9910 F:312-986-9415

USER NAME = mmathews	DESIGNED - MM	REVISED - ####	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NB IL 53 PLAN & PROFILE	
	DRAWN - MM	REVISED - ####			
	CHECKED - JMR	REVISED - ####			
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED - ####		SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 299+00.00 TO STA. 314+00.00	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	20
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

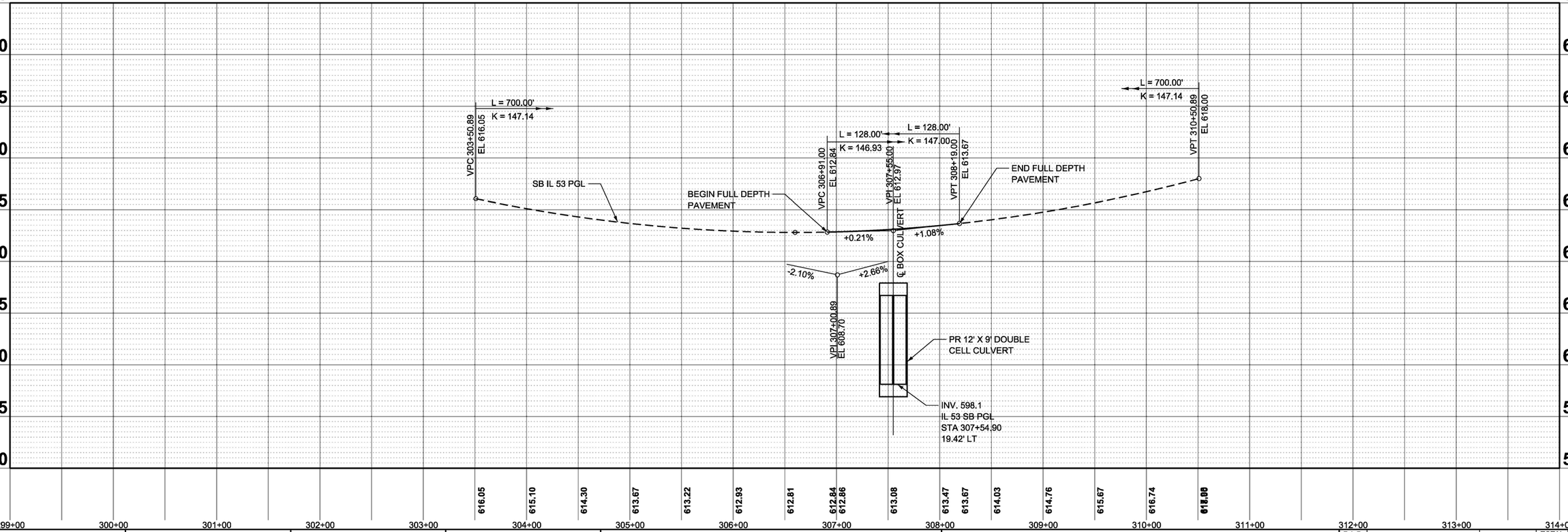
####



635 635

NOTE:

1. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL
2. PROPOSED PAVEMENT SHALL BE CONSTRUCTED TO NEAREST TRANSVERSE JOINT OUTSIDE OF PROPOSED PAVEMENT LIMITS SHOWN ON PLANS.
3. DOWEL BARS SHALL BE CENTERED VERTICALLY IN EXISTING 7" PCC PAVEMENT AT TRANSVERSE CONSTRUCTION JOINTS



MODEL: SB_EX_CL - SB IL 53 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms58077\D162P01-sht-plan&profile.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-986-9910 F:312-986-9915

USER NAME = mmathews		DESIGNED - MM		REVISED - ####	
		DRAWN - MM		REVISED - ####	
		CHECKED - JMR		REVISED - ####	
PLOT DATE = 11/3/2025		DATE - 11/05/2025		REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SB IL 53 PLAN & PROFILE

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 299+00.00 | TO STA. 314+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	21
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL MEASURES DEPICTED IN THE PLANS ARE THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES, AS SPECIFIED IN THE HIGHWAY AND DISTRICT STANDARDS, AS SHOWN IN THE INDEX OF SHEETS, AND SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS, OR SPECIAL PROVISIONS.

2. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER.

3. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL GENERAL NOTES, PLANS, SPECIAL PROVISIONS, APPLICABLE HIGHWAY & DISTRICT STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER 72 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.

4. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, LANDSCAPING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED. IF THEY WERE REMOVED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION ACTIVITIES, THE COST TO REPAIR ANY DAMAGES WILL BE BORNE BY THE CONTRACTOR AND NOT THE RESPONSIBILITY OF THE DEPARTMENT.

5. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAN-HOSADURGA, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

7. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

8. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING MOTORISTS OF POTENTIAL TRAFFIC DELAYS, QUEUING, AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER. THE CHANGEBALE MESSAGE SIGNS ARE TO REMAIN IN PLACE FOR THE DURATION OF ALL MOT STAGES. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY "CHANGEABLE MESSAGE SIGN".

9. THE TEMPORARY DRAINAGE DEPICTED IN THE PLANS IS THE MINIMUM REQUIREMENT. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE DURING ALL PHASES OF CONSTRUCTION.

10. PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID AT THEIR RESPECTIVE CONTRACT UNIT PRICE.

11. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

12. TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 704 OF THE IDOT STANDARD SPECIFICATIONS. ALL TEMPORARY CONCRETE BARRIER APPROACH AND DEPARTING END UNITS SHALL BE ANCHORED TO THE PAVEMENT USING SIX ANCHOR PINS AS SHOWN IN IDOT STANDARD 704001. PINNING OF ADDITIONAL BARRIER UNITS WITH THREE ANCHOR PINS ON THE TRAFFIC SIDE HOLES WITHIN THE INSTALLATION SHALL BE REQUIRED WHEN EQUIPMENT, VEHICLES, MATERIALS, FIXED OBJECTS, OR A DROP-OFF IS LOCATED WITHIN 24" BEHIND THE BARRIER. THE 24" OF CLEAR PAVEMENT MEASUREMENT SHALL BE FROM THE BASE OF THE NON-TRAFFIC SIDE OF THE BARRIER. TRAFFIC SIDE PINNED BARRIER SHALL HAVE A MINIMUM OF 6" OF CLEAR PAVEMENT BEHIND THE BARRIER. WHERE BOTH PINNED AND UNPINNED BARRIER UNITS ARE USED IN A CONTINUOUS INSTALLATION, A TRANSITION SHALL BE PROVIDED BETWEEN THEM. THE TRANSITION FROM PINNED TO UNPINNED BARRIER SHALL CONSIST OF TWO ANCHOR PINS INSTALLED IN THE END HOLES ON THE TRAFFIC SIDE OF THE FIRST BARRIER BEYOND THE PINNED SECTION AND ONE ANCHOR PIN INSTALLED IN THE MIDDLE HOLE OF THE TRAFFIC SIDE OF THE SECOND BARRIER BEYOND THE PINNED SECTION. THE THIRD BARRIER BEYOND THE PINNED SECTION SHALL THEN BE UNPINNED.

13. ALL EXISTING LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN KIND AFTER THE COMPLETION OF THE STAGING.

CONSTRUCTION SEQUENCING NOTES

PRE-STAGE 1

CONSTRUCTION:

1. CONSTRUCT STAGE 1 TEMPORARY PAVEMENT FOR THE NORTH AND SOUTH CROSSOVERS AND REGRADE SURROUNDING DITCHES
2. INSTALL TEMPORARY CULVERT UNDERNEATH SOUTHERN CROSSOVER
3. CONSTRUCT TEMPORARY PAVEMENT ALONG THE INSIDE LANE OF NORTHBOUND IL 53 BETWEEN CROSSOVER SEGMENTS AS SHOWN IN THE STAGE 1 PLANS AND TYPICAL SECTION

TRAFFIC:

1. NORTHBOUND AND SOUTHBOUND IL 53 INSIDE LANES TO BE CLOSED AS NEEDED PER IDOT STANDARDS 701422 AND 701426

STAGE 1

CONSTRUCTION:

1. REMOVE EXISTING GUARDRAIL, PAVEMENT, AND CULVERT UP TO THE STAGE LINE ON THE WEST SIDE OF IL 53
2. CONSTRUCT PROPOSED PAVEMENT, SHOULDER, GUARDRAIL, RETAINING WALL, AND WESTERN HALF OF THE CULVERT
3. REGRADE MEDIAN DITCH AT THE CULVERT
4. REGRADE SIDE SLOPES AND DITCHES ALONG THE WESTERN SIDE OF IL 53

TRAFFIC:

1. CLOSE ONE NORTHBOUND AND SOUTHBOUND LANE PER MOT PLANS
2. DIRECT ALL SOUTHBOUND TRAFFIC TO USE THE TEMPORARY CROSSOVERS CONSTRUCTED IN THE PRESTAGE

PRE-STAGE 2

CONSTRUCTION:

1. REMOVE STAGE 1 TEMPORARY CROSSOVERS AND TEMPORARY PAVEMENT
2. CONSTRUCT STAGE 2 TEMPORARY PAVEMENT FOR THE NORTH AND SOUTH CROSSOVERS AND REGRADE SURROUNDING DITCHES
3. INSTALL TEMPORARY CULVERT UNDERNEATH SOUTHERN CROSSOVER
4. CONSTRUCT TEMPORARY PAVEMENT ALONG THE INSIDE LANE OF NORTHBOUND IL 53 BETWEEN CROSSOVER SEGMENTS AS SHOWN IN THE STAGE 2 PLANS AND TYPICAL SECTION

TRAFFIC:

1. NORTHBOUND AND SOUTHBOUND IL 53 INSIDE LANES TO BE CLOSED AS NEEDED PER IDOT STANDARDS 701422 AND 701426

STAGE 2

CONSTRUCTION:

1. REMOVAL OF GUARDRAIL, EXISTING PAVEMENT AND CULVERT ON THE EAST SIDE OF IL 53
2. CONSTRUCTION OF PROPOSED PAVEMENT, SHOULDER, GUARDRAIL, AND EASTERN HALF OF THE CULVERT
3. REGRADE SIDE SLOPES AND DITCHES ALONG THE EASTERN SIDE OF IL 53
4. REGRADE MEDIAN SIDE SLOPES AT THE CULVERT
5. INSTALL RIPRAP

TRAFFIC:

1. CLOSE ONE NORTHBOUND AND SOUTHBOUND LANE PER MOT PLANS
2. DIRECT ALL NORTHBOUND TRAFFIC TO USE THE TEMPORARY CROSSOVERS CONSTRUCTED IN PRESTAGE 2

STAGE 3

CONSTRUCTION:

1. REMOVE STAGE 2 TEMPORARY CROSSOVERS AND TEMPORARY PAVEMENT
2. REGRADE MEDIAN DITCHES AT THE CROSSOVERS TO MATCH PRE-CONSTRUCTION CONDITIONS

TRAFFIC:

1. NORTHBOUND AND SOUTHBOUND IL 53 INSIDE LANES TO BE CLOSED AS NEEDED PER IDOT STANDARDS 701422 AND 701426

MODEL: MOT Notes [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-MOT-Notes.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

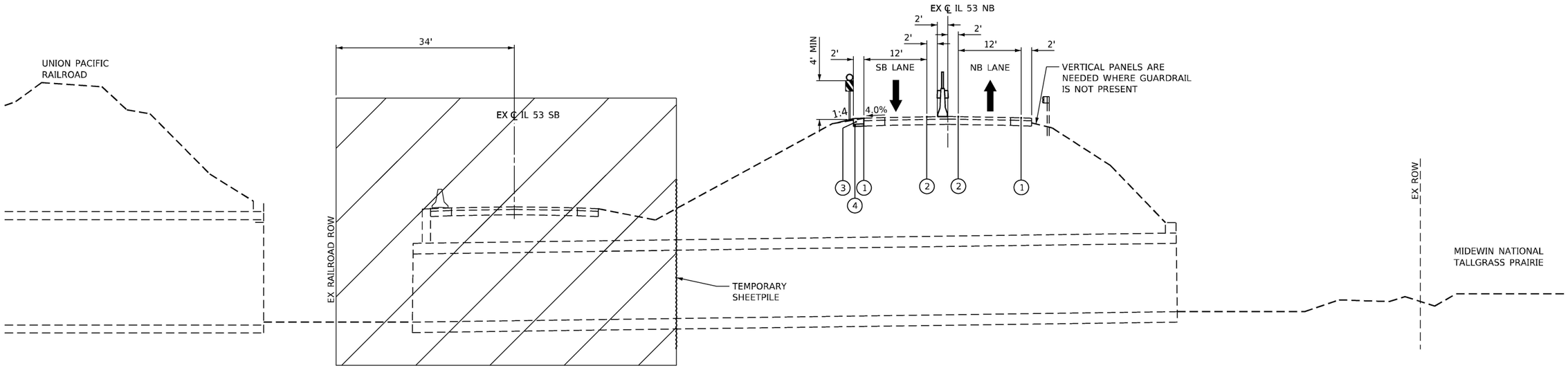
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES AND SEQUENCE OF CONSTRUCTION

SCALE: N/A | SHEET 1 OF 43 SHEETS | STA. | TO STA.

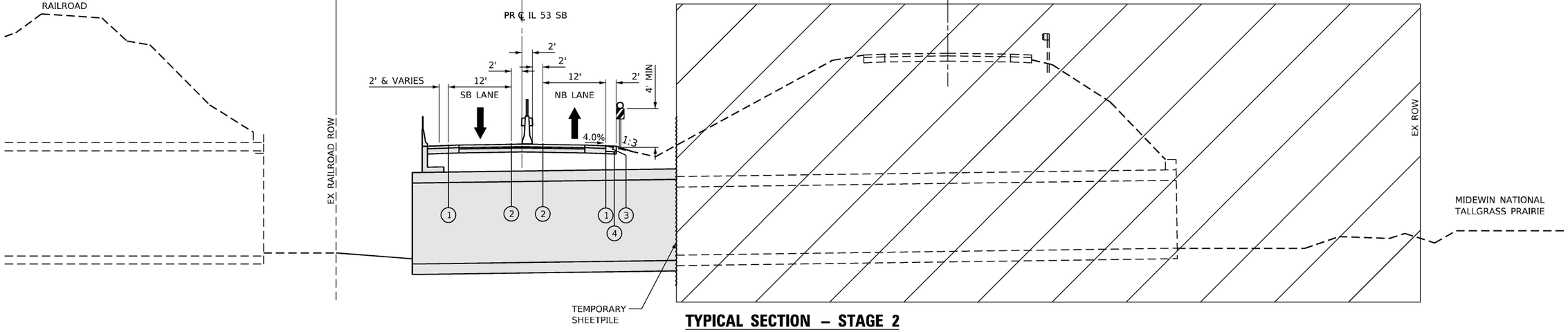
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	22
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



TYPICAL SECTION – STAGE 1

STA: 307+44.30 (MAIN CELL)



TYPICAL SECTION – STAGE 2

STA: 307+44.30 (MAIN CELL)

MOT LEGEND

- WORK AREA
- COMPLETED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER WITH DOUBLE SIDED TYPE C AMBER REFLECTORS PER STANDARDS 704001 AND 782006 AND MODULAR GLARE SCREEN PER STANDARD 638101
- VERTICAL PANELS AT 50 FT CENTERS UNLESS OTHERWISE NOTED (BARRICADES OR DRUMS TO BE USED WHERE PAVEMENT IS PRESENT)

1. TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
2. TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
3. TEMPORARY PAVEMENT, 10"
4. SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: MOT Plan Typicals [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\white\dms5607\D162P01-sht-MOT-typicals.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

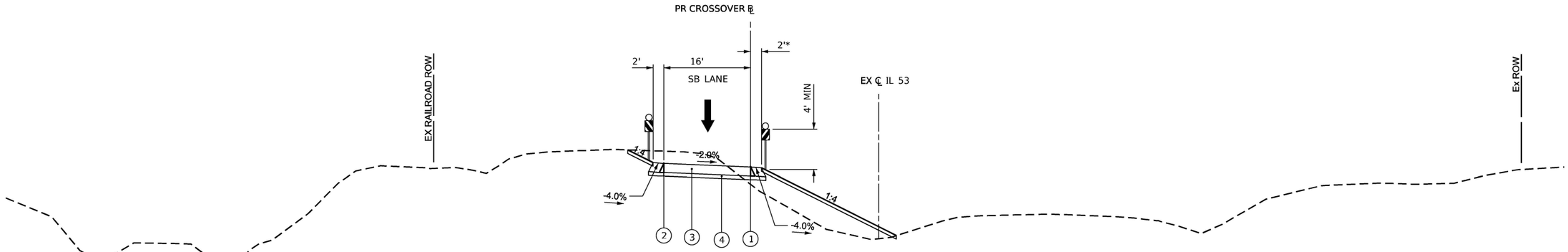
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 2 OF 43 SHEETS | STA. | TO STA.

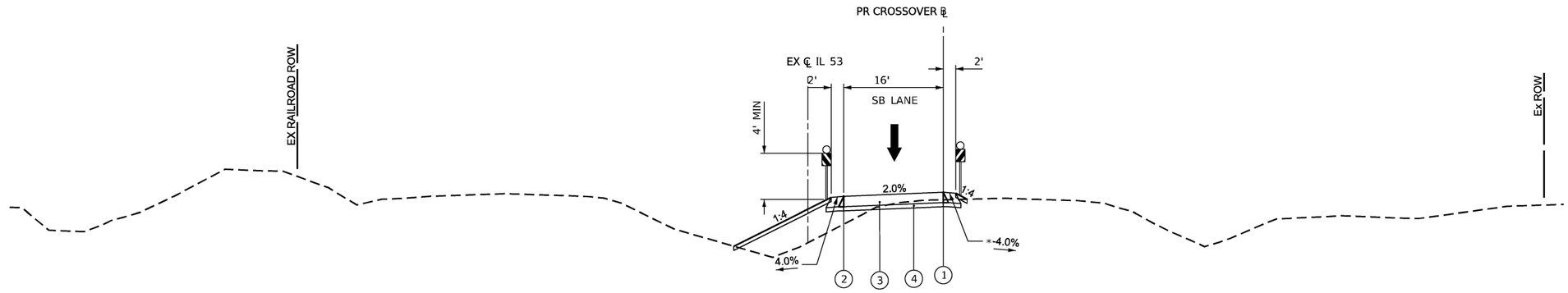
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	23
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



SOUTH CROSSOVER TYPICAL SECTION – STAGE 1

STA 0+00 TO STA 3+50
*RIGHT SHOULDER WIDTH TRANSITIONS FROM 3.84' TO 2.00' FROM STA 0+00 TO 2+00 TO MATCH EXISTING WIDTHS



SOUTH CROSSOVER TYPICAL SECTION – STAGE 1

STA 6+50 TO STA 10+00
*RIGHT SHOULDER SLOPE TRANSITIONS FROM -4.0% TO +2.0% STARTING AT STA 9+00 TO MATCH EXISTING SLOPES

MOT LEGEND

- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50 FT CENTERS UNLESS OTHERWISE NOTED (BARRICADES OR DRUMS TO BE USED WHERE PAVEMENT IS PRESENT)
- (1) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (2) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (3) TEMPORARY PAVEMENT, 10"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTE: NO TYPICAL SECTION PRESENT FOR STA 3+50 TO STA 6+50 WHERE ACTIVE LANE SLOPE SHIFTS FROM -2.0% TO +2.0%

MODEL: MOT Crossover Typicals - South_ST1
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms56077\D162P01-sht-MOT-Crossover-typicals.dgn

Ardmore Roderick

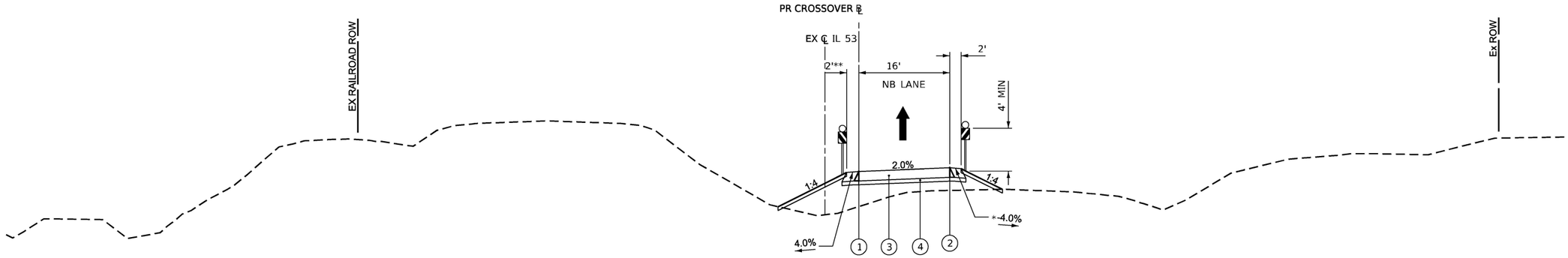
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER TYPICAL SECTIONS
STAGE 1 SOUTH CROSSOVER

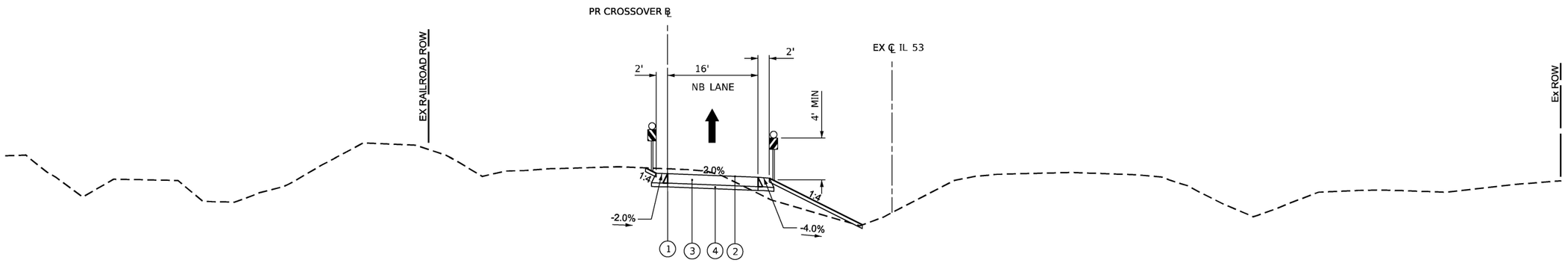
SCALE: 1"=10' | SHEET 3 OF 43 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	24
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



SOUTH CROSSOVER TYPICAL SECTION – STAGE 2

STA 0+00 TO STA 3+50
*RIGHT SHOULDER SLOPE TRANSITIONS FROM -2.0% TO -4.0% RANGING FROM STA 0+00 TO STA 2+00 TO MATCH EXISTING SLOPES
**LEFT SHOULDER WIDTH TRANSITIONS FROM 4.02' TO 2.00' FROM STA 0+00 TO 3+20 TO MATCH EXISTING WIDTHS



SOUTH CROSSOVER TYPICAL SECTION – STAGE 2

STA 6+50 TO STA 10+00

NOTE: NO TYPICAL SECTION PRESENT FOR STA 3+50 TO STA 6+50 WHERE ACTIVE LANE SLOPE SHIFTS FROM +2.0% TO -2.0%

MOT LEGEND

- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50 FT CENTERS UNLESS OTHERWISE NOTED (BARRICADES OR DRUMS TO BE USED WHERE PAVEMENT IS PRESENT)
- (1) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (2) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (3) TEMPORARY PAVEMENT, 10"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: MOT Crossover Typicals - South_ST2
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms5607\7D162P01-sht-MOT-Crossover-typicals.dgn

Ardmore Roderick

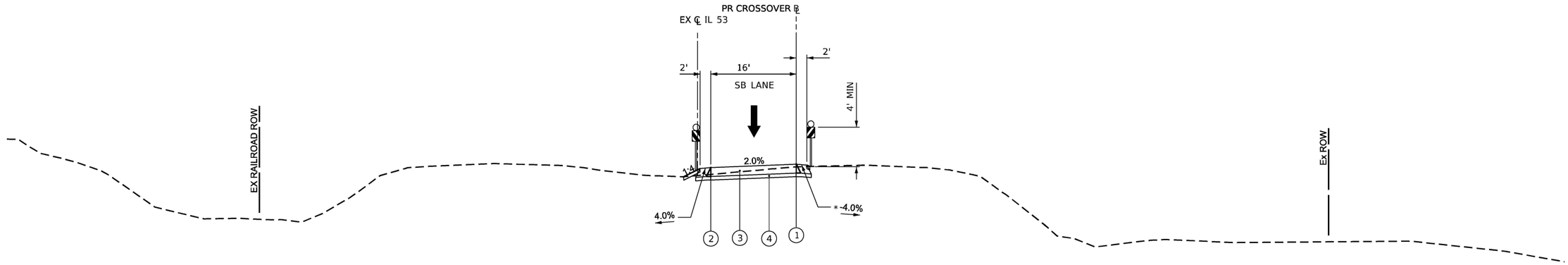
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 10/28/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER TYPICAL SECTIONS
STAGE 2 SOUTH CROSSOVER

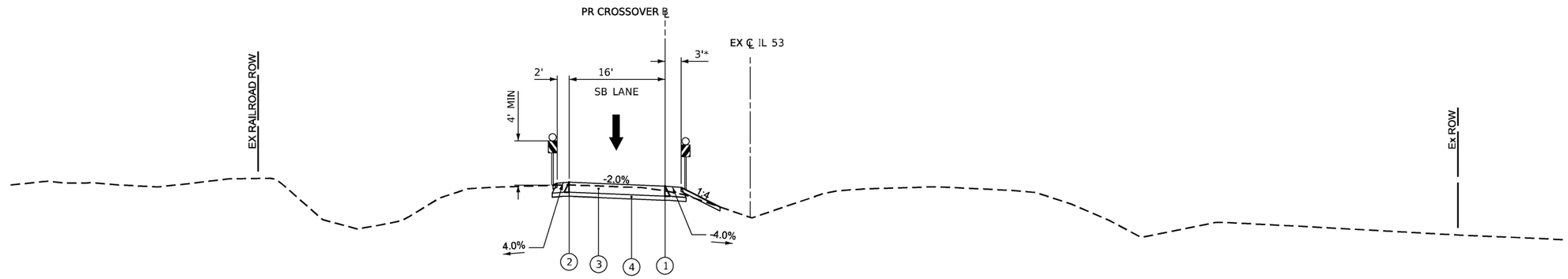
SCALE: 1"=10' | SHEET 4 OF 43 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	25
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



NORTH CROSSOVER TYPICAL SECTION – STAGE 1

STA 0+00 TO STA 3+50
*RIGHT SHOULDER SLOPE TRANSITIONS FROM +0.9% TO -4.0% RANGING FROM STA 0+00 TO STA 2+00 TO MATCH EXISTING SLOPES



NORTH CROSSOVER TYPICAL SECTION – STAGE 1

STA 6+50 TO STA 10+00
*RIGHT SHOULDER WIDTH TRANSITIONS FROM 2.00' TO 3.84' FROM STA 6+80 TO 10+00 TO MATCH EXISTING WIDTHS

NOTE: NO TYPICAL SECTION PRESENT FOR STA 3+50 TO STA 6+50 WHERE ACTIVE LANE SLOPE SHIFTS FROM +2.0% TO -2.0%

MOT LEGEND

- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50 FT CENTERS UNLESS OTHERWISE NOTED (BARRICADES OR DRUMS TO BE USED WHERE PAVEMENT IS PRESENT)
- (1) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (2) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (3) TEMPORARY PAVEMENT, 10"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: MOT Crossover Typicals - North_ST1
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560777\D162P01-sht-MOT-Crossover-typicals.dgn

Ardmore Roderick

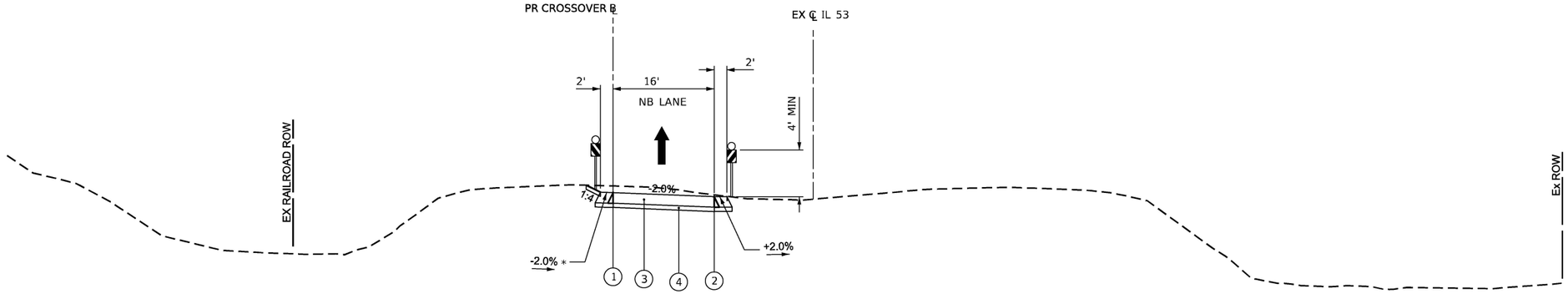
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER TYPICAL SECTIONS
STAGE 1 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 5 OF 43 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

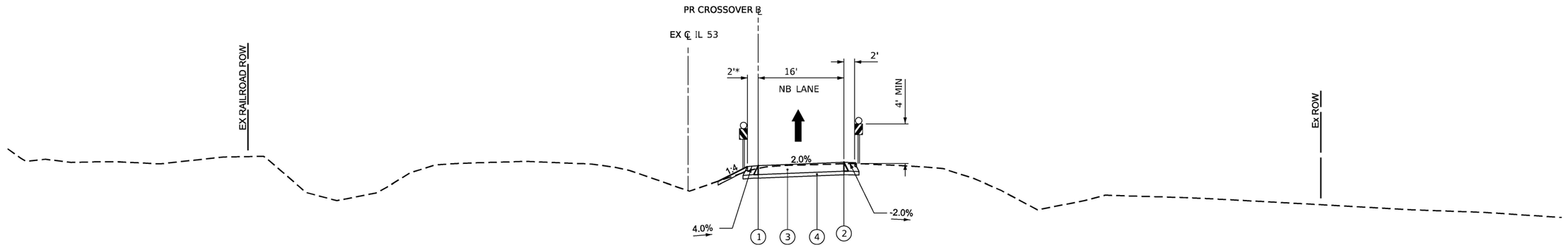
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	26
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



NORTH CROSSOVER TYPICAL SECTION – STAGE 2

STA 0+00 TO STA 3+50

*LEFT SHOULDER SLOPE TRANSITIONS FROM +2.1% TO +2.0% RANGING FROM STA 0+00 TO STA 0+50 TO MATCH EXISTING SLOPES



NORTH CROSSOVER TYPICAL SECTION – STAGE 2

STA 0+00 TO STA 3+50

*RIGHT SHOULDER WIDTH TRANSITIONS FROM 2.00' TO 4.17' FROM STA 8+00 TO 10+00 TO MATCH EXISTING WIDTHS

NOTE: NO TYPICAL SECTION PRESENT FOR STA 3+50 TO STA 6+50 WHERE ACTIVE LANE SLOPE SHIFTS FROM -2.0% TO +2.0%

MOT LEGEND

- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50 FT CENTERS UNLESS OTHERWISE NOTED (BARRICADES OR DRUMS TO BE USED WHERE PAVEMENT IS PRESENT)
- (1) TEMPORARY 4" SOLID WHITE LINE TYPE IV TAPE
- (2) TEMPORARY 4" SOLID YELLOW LINE TYPE IV TAPE
- (3) TEMPORARY PAVEMENT, 10"
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: MOT Crossover Typicals - North_ST2
FILE NAME: c:\pwworking\primeralpwprod\rwhite\d\ms56077\D1t62P01-sht-MOT-Crossover-typicals.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER TYPICAL SECTIONS
STAGE 2 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 6 OF 43 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	27
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

EX RAILROAD ROW

51'

49'

EX RAILROAD ROW

125'

118'

EX ROW

EX RAILROAD ROW

UNION PACIFIC RAILROAD

50'

50'

EX RAILROAD ROW

SB IL 53

EX ℄ IL 53

82'

260+00 261 262 263 264 265+00 266 267 268 269 270+00 271 272 273 274

NB IL 53

NO WORK ON THIS SHEET IN THIS STAGE

118'

EX ROW

HENSLOW TRAIL

MATCHLINE STA 275+00

0 50 100

SCALE IN FEET

EX RR ROW

50'

50'

EX RR ROW

82'

275+00

118'

EX ROW

500' 2100' 1100' 500' 500'

75'

500' TO TAPER START

ROAD CONSTRUCTION 1 MILE — W20-I103(0)-48

14'-6" — W12-I102(0)-48

LEFT LANE CLOSED 1/2 MILE — W20-5(0)-48

W4-2L(0)-48

SPEED LIMIT 45 — W3-5(0)-48

WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED $250 FINE MINIMUM

W21-III5(0)-3618

R2-1-3648

R10-I108p-3618

R2-I106p-3618

ADVANCED WARNING SEQUENCE

W12-I103-4848 MAX WIDTH 14' - 6" 5 1/2 MILE AHEAD

M6-1(0)-2115

200'

WATER ST

IL 53

IL 102

W12-I103-4848 MAX WIDTH 14' - 6" 5 1/2 MILE AHEAD 200'

200'

W12-I103-4848 MAX WIDTH 14' - 6" 5 1/2 MILE AHEAD

M6-1(0)-2115

RIVER RD

W12-I103-4848 MAX WIDTH 14' - 6" 5 1/2 MILE AHEAD 200'

M6-1(0)-2115

IL 53

EX RAILROAD ROW

UNION PACIFIC RAILROAD

50'

G20-I103-6036 END WORK ZONE SPEED LIMIT

EX RR ROW

50'

82'

SB IL 53

220'

440'

EX ℄ IL 53

91'

281 282 283 284 285+00 286 287 288 289

449.33

13' 12'

12'

65:1 TAPER

NB IL 53

118'

SCHWEITZER ED

+09.20

ROAD CONSTRUCTION AHEAD — W20-I103(0)-48

M6-1(0)-2115

EX ROW

MATCHLINE STA 290+00

0 50 100

SCALE IN FEET

MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

MODEL: MOT_Stage1 - Plan 1-1
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D1162P01-sht-MOT-ST1.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 1/16/2026	DATE - 04/11/2025	REVISED - ####	

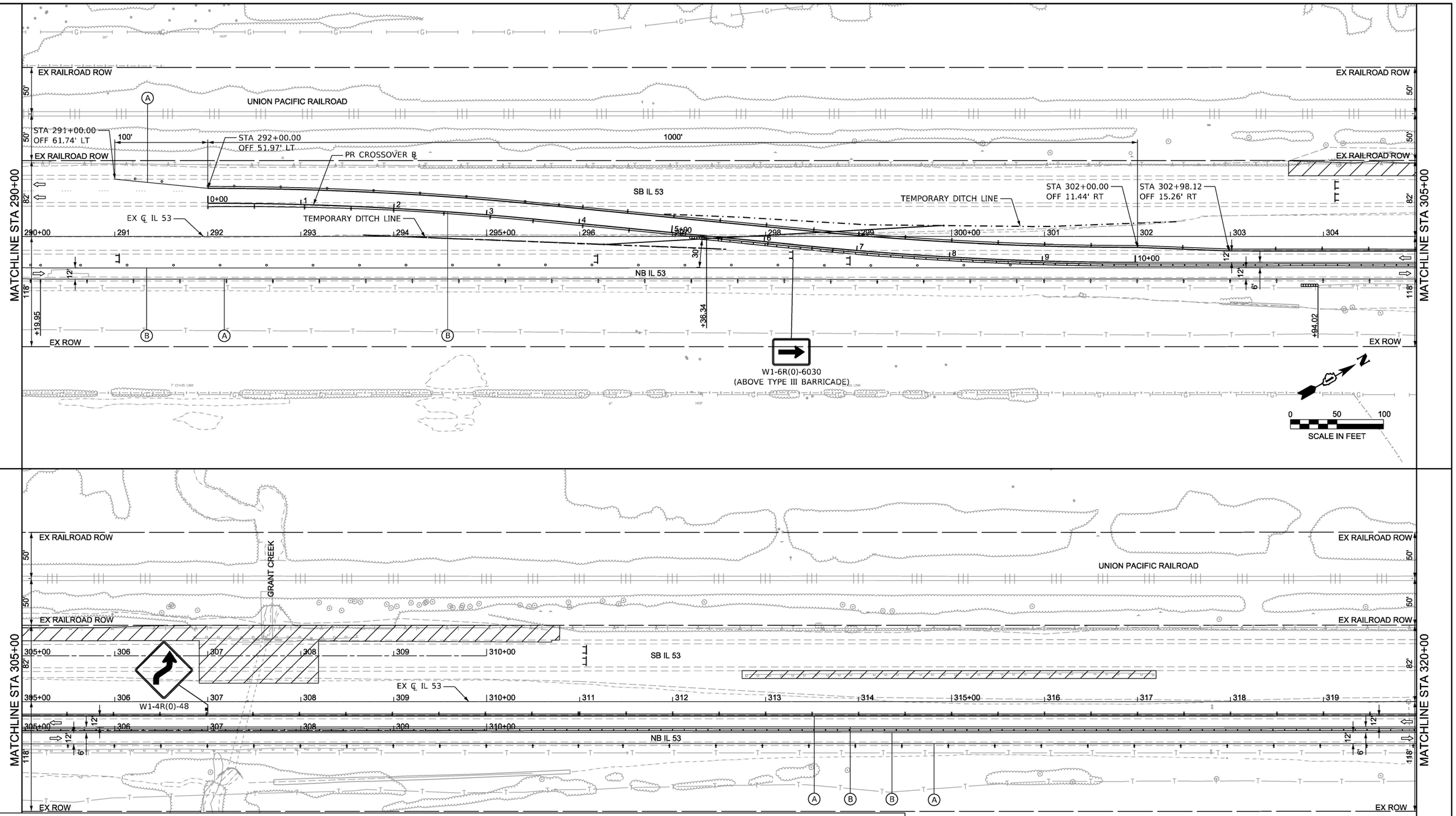
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 7 OF 43 SHEETS | STA. 260+00.00 | TO STA. 290+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	28
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 10/15/2025	DATE - 04/11/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

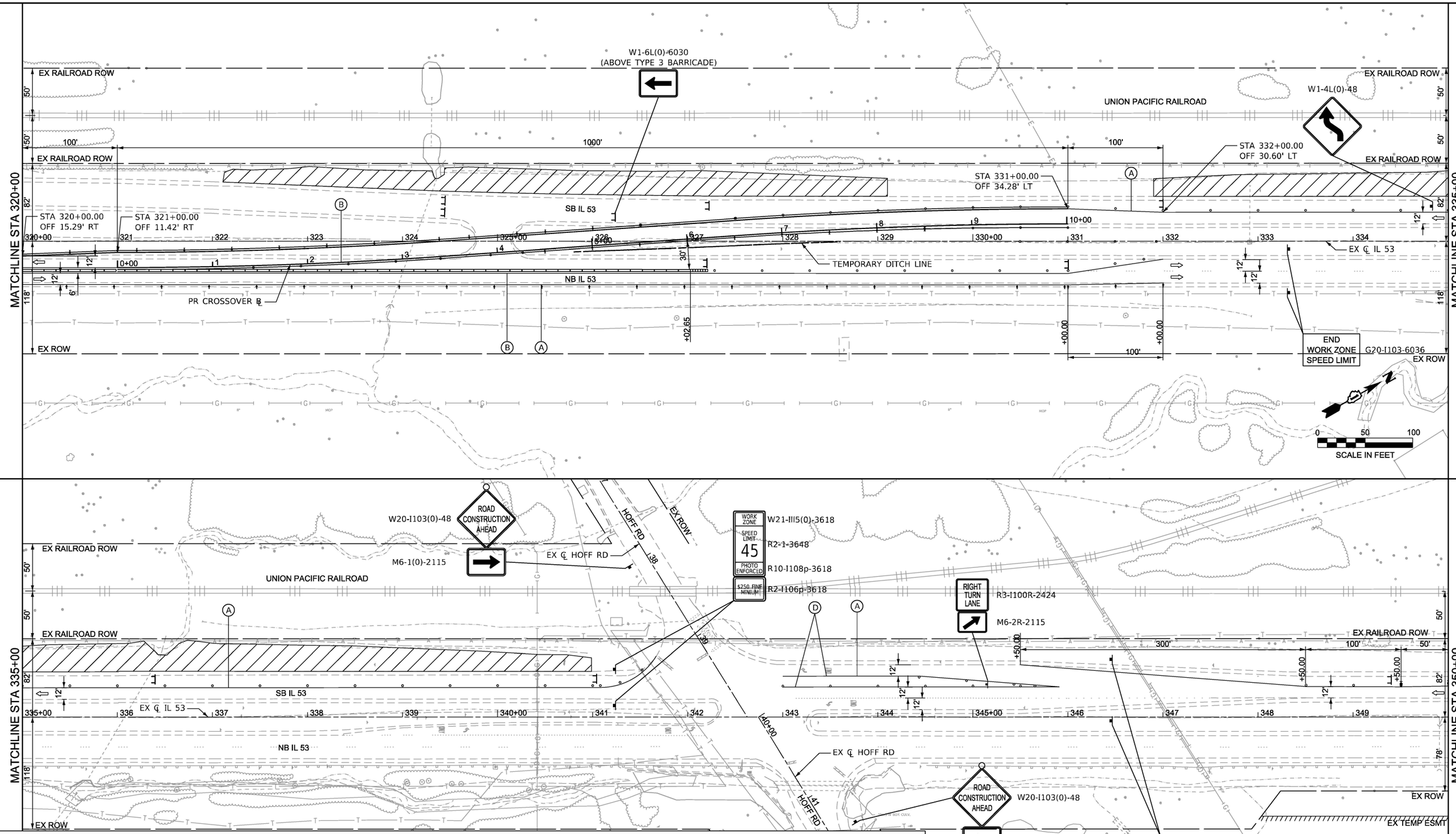
MAINTENANCE OF TRAFFIC PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 8 OF 43 SHEETS | STA. 290+00.00 | TO STA. 320+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	29
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####

MODEL: MOT_Stage1 - Plan 3-1
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D1t62P01-sht-MOT-ST1.dgn



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 10/15/2025	DATE - 04/11/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

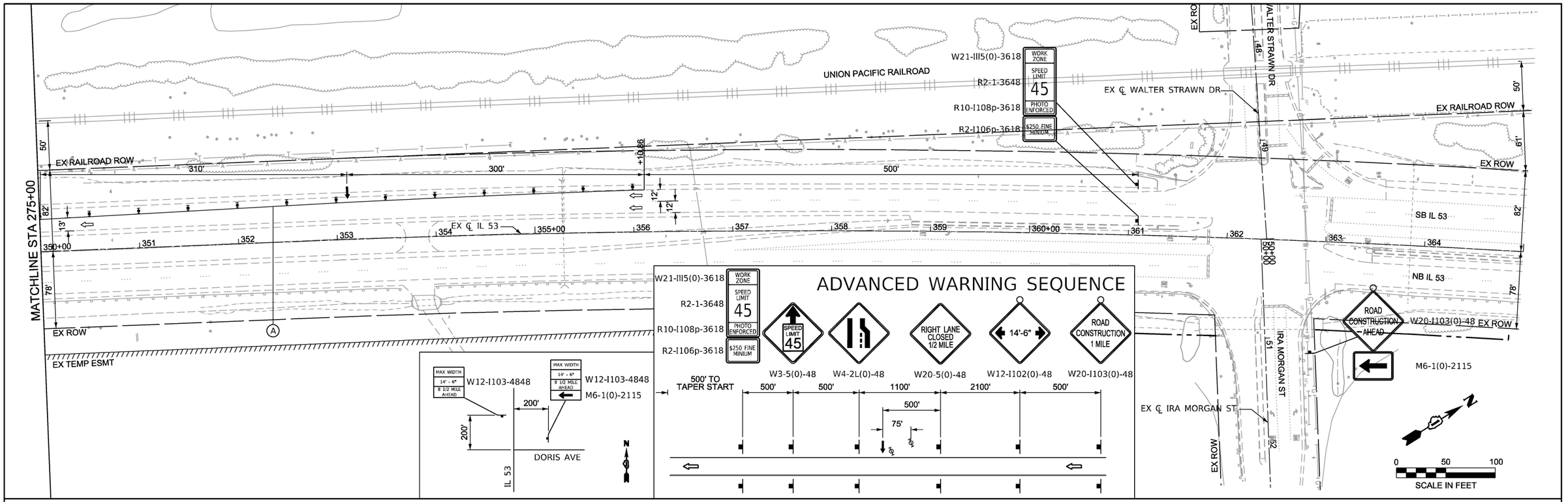
MAINTENANCE OF TRAFFIC PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 9 OF 43 SHEETS | STA. 320+00.00 | TO STA. 350+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	30
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

####

MODEL: MOT_Stage1 - Plan 5-1
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\d\ms5607\TD1t62P01-sht-MOT-ST1.dgn



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

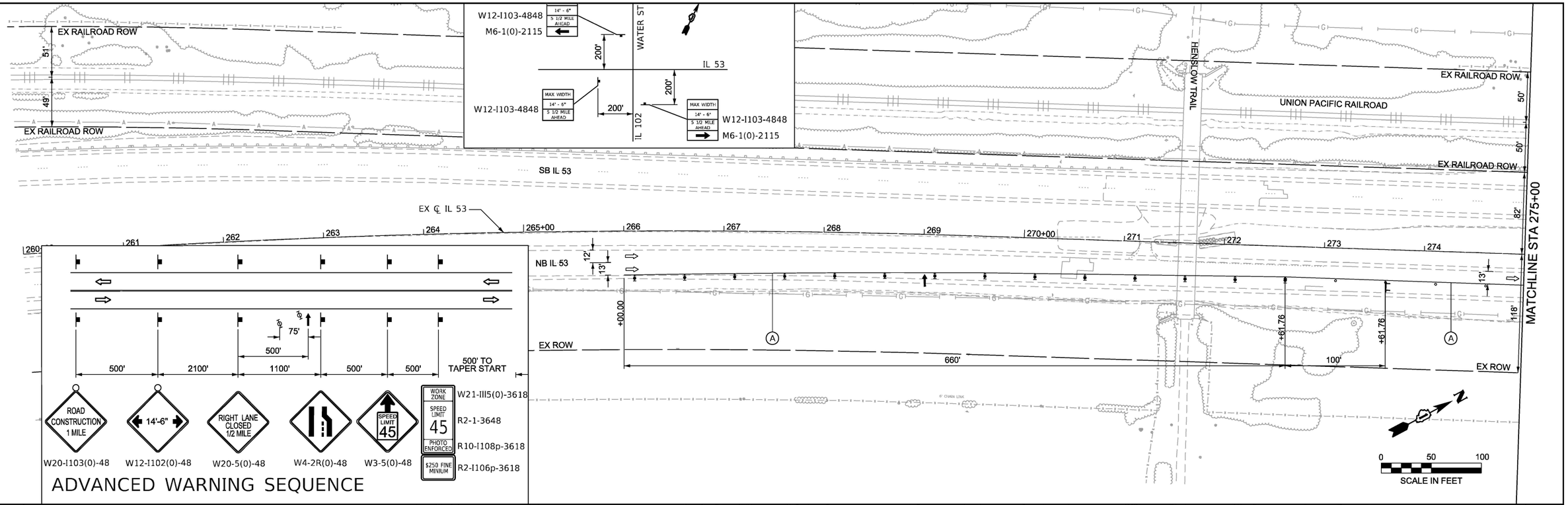
Ardmore Roderick

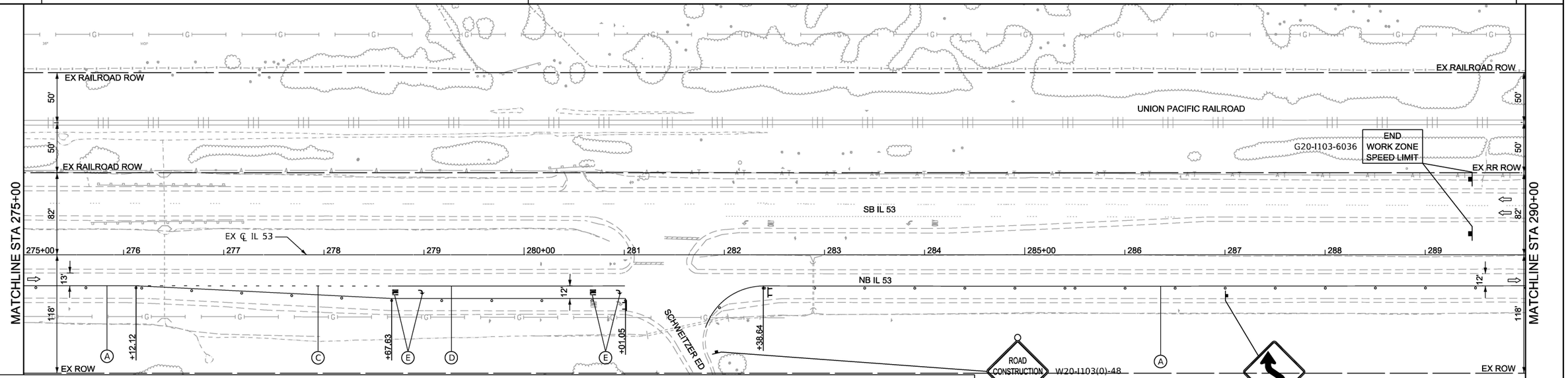
USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**MAINTENANCE OF TRAFFIC PLAN STAGE 1**	
	DRAWN - RW	REVISED - ####			
	CHECKED - YK	REVISED - ####			
PLOT DATE = 1/16/2026	DATE - 04/11/2025	REVISED - ####		SCALE: 1" = 50' SHEET 10 OF 43 SHEETS STA. 350+00.00 TO STA. 365+00.00	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	31
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

####

MODEL: MOT_Stage1 - Plan 7-1
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms5607\7D162P01-sht-MOT-ST1.dgn





MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

MODEL: MOT_Stage2 - Plan 1
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms56077\D162P01-sht-MOT-ST2.dgn

Ardmore Roderick

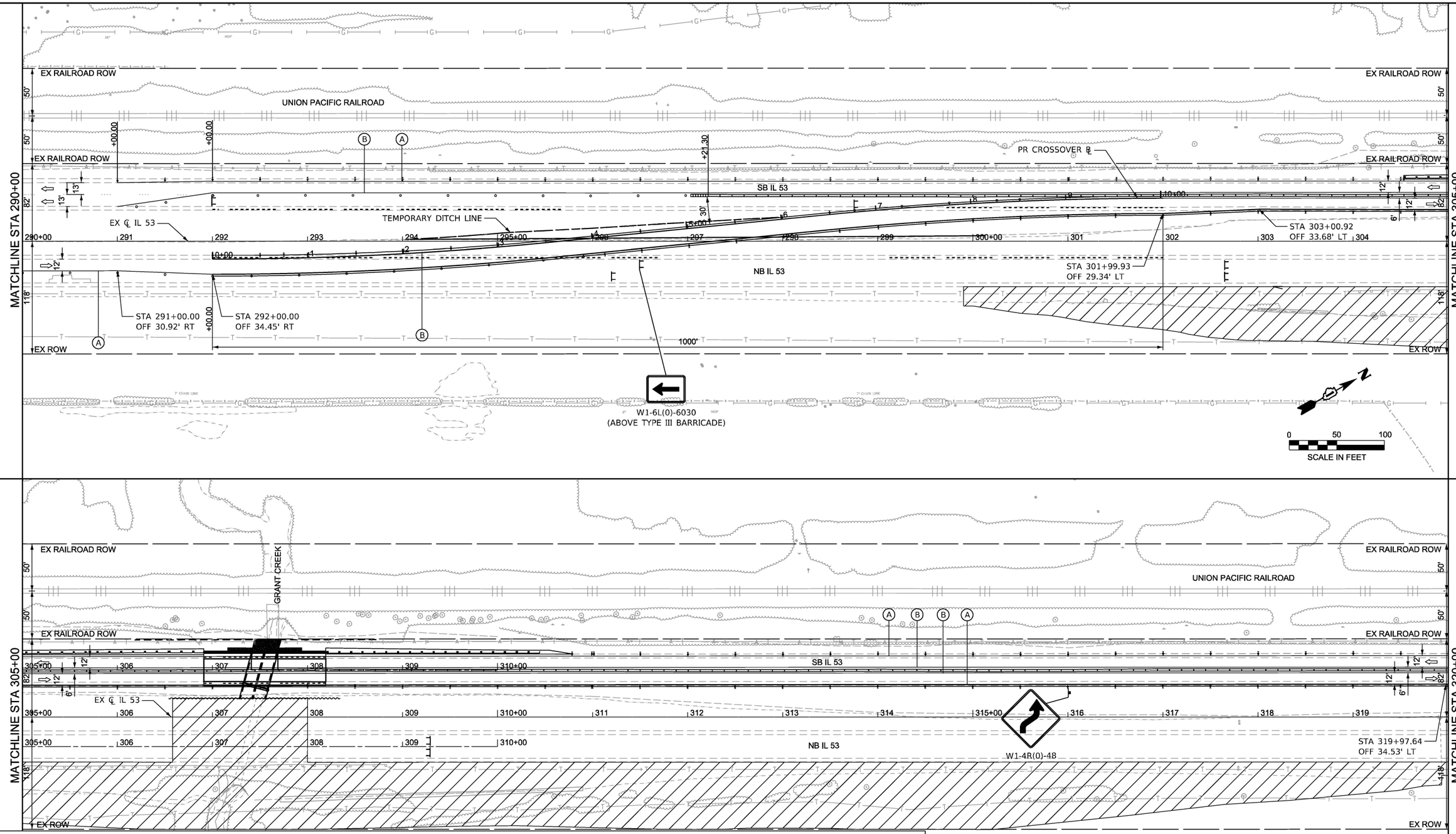
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 11 OF 43 SHEETS | STA. 260+00.00 | TO STA. 290+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	32
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - YK	REVISED -
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -

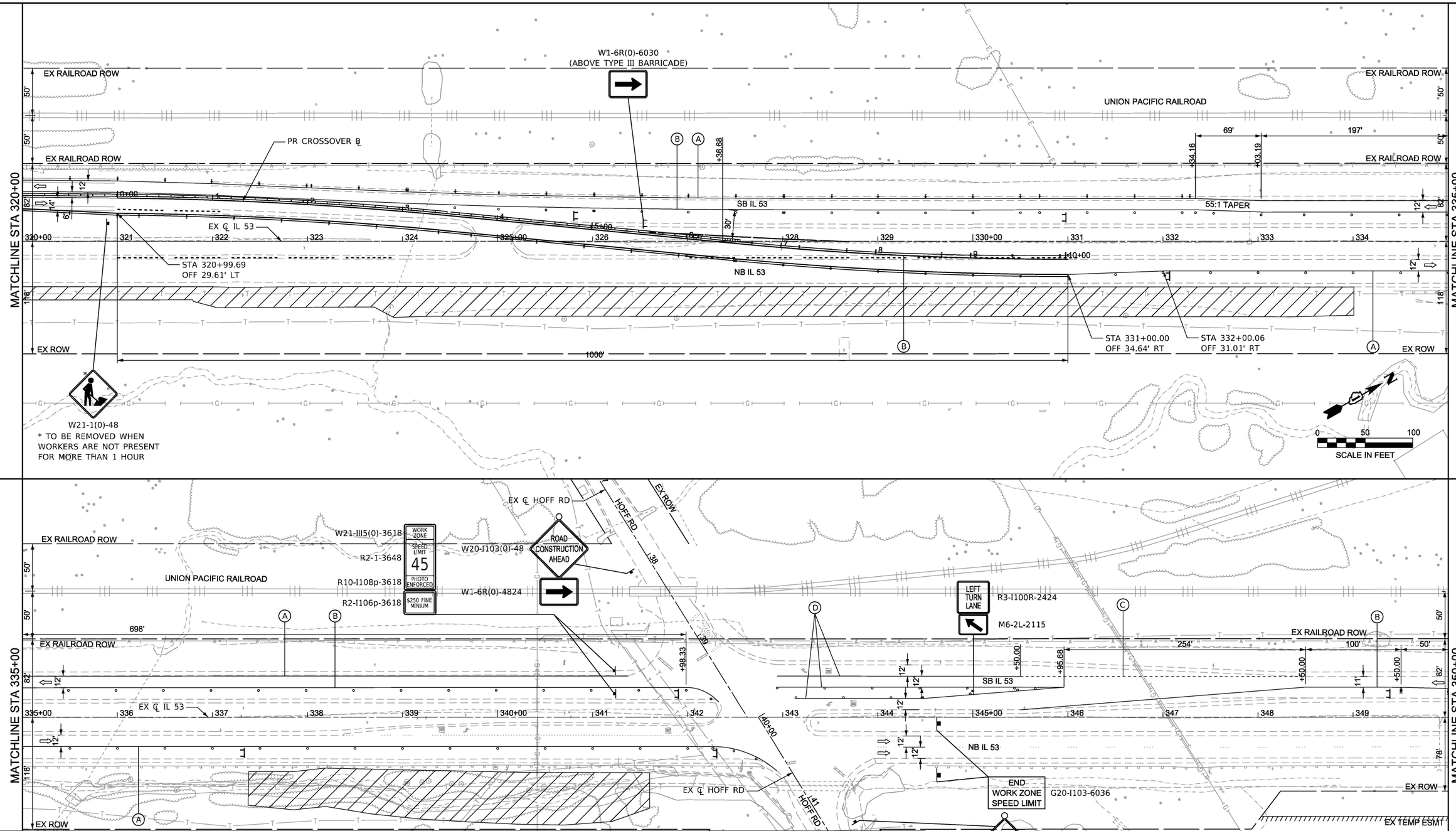
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 12 OF 43 SHEETS | STA. 290+00.00 | TO STA. 320+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	33
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

MODEL: MOT_Stage2 - Plan 3
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-MOT-ST2.dgn



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - YK	REVISED -
PLOT DATE = 1/16/2026	DATE - 04/11/2025	REVISED -

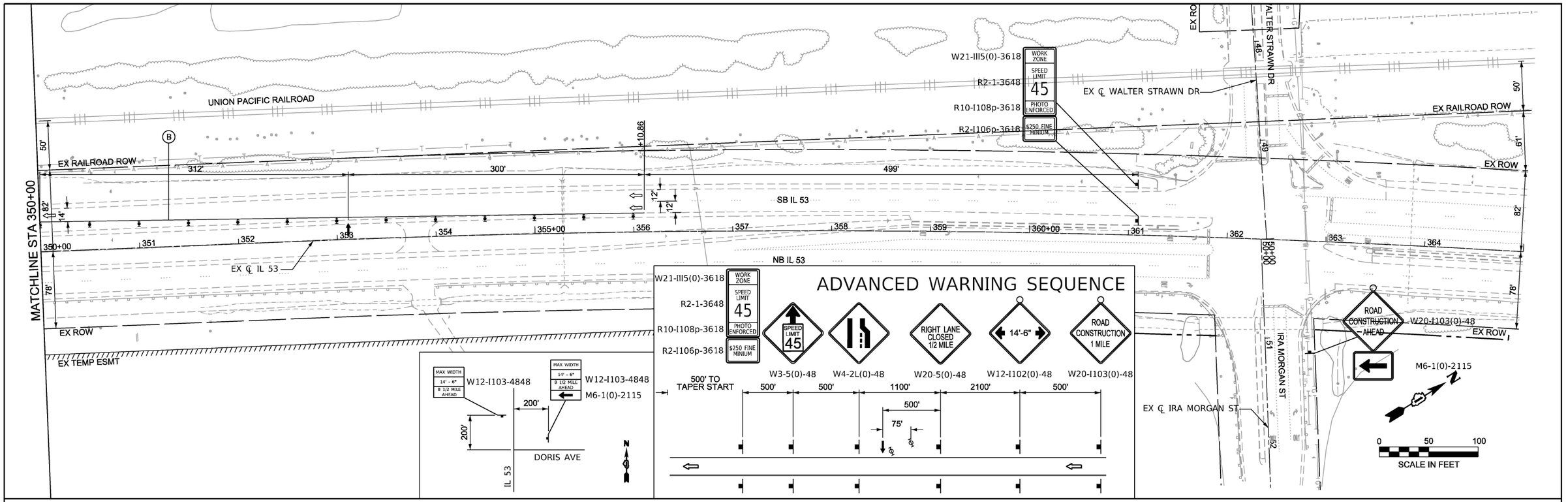
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 13 OF 43 SHEETS | STA. 320+00.00 | TO STA. 350+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	34
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

MODEL: MOT_Stage2 - Plan 5
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms5607\TD1f62P01-sht-MOT-ST2.dgn



MOT LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- CONSTRUCTION DRUMS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)
- TEMPORARY CONCRETE BARRIER (NOT TO BE PINNED ON ANY FINAL SURFACE OR EXISTING SURFACE TO REMAIN)
- VERTICAL PANELS (TO BE PLACED AT 50' C-C UNLESS OTHERWISE NOTED)

(A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, SOLID)
(B) TEMPORARY PAVEMENT MARKING - CENTERLINE 4" - TYPE IV TAPE (YELLOW, SOLID)
(C) TEMPORARY PAVEMENT MARKING - DOTTED LINE 6" (WHITE, 2' DASH - 6' SKIP) TYPE IV TAPE
(D) TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, SOLID)
(E) TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - YK	REVISED -
PLOT DATE = 1/16/2026	DATE - 04/11/2025	REVISED -

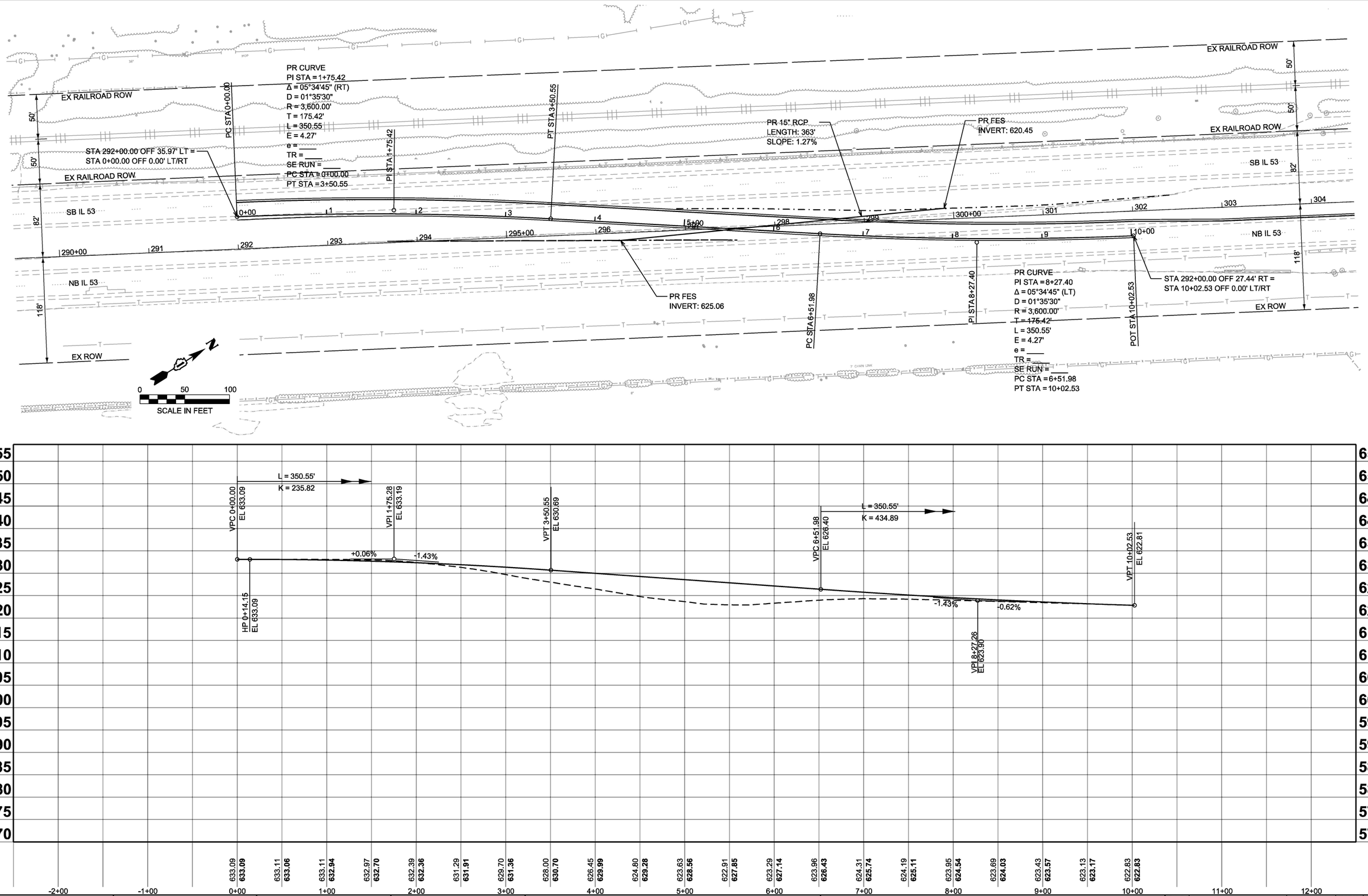
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 14 OF 43 SHEETS | STA. 350+00.00 | TO STA. 365+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	35
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

MODEL: MOT_Stage2 - Plan 7
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms5607\TD162P01-sht-MOT-ST2.dgn



MODEL: Stage1_S_Crossover [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-MOT-Crossover-Plan-Prof.dgn

Ardmore Roderick

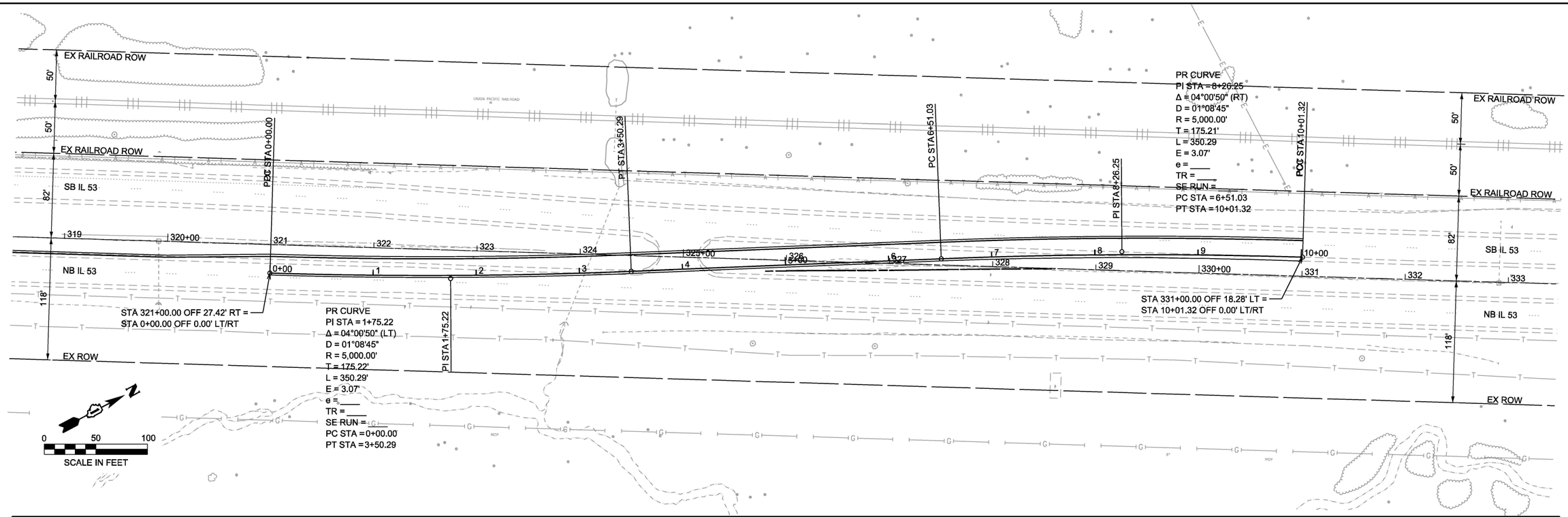
USER NAME = rileywhite	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - YK	REVISED -
PLOT DATE = 10/16/2025	DATE - 04/11/2025	REVISED -

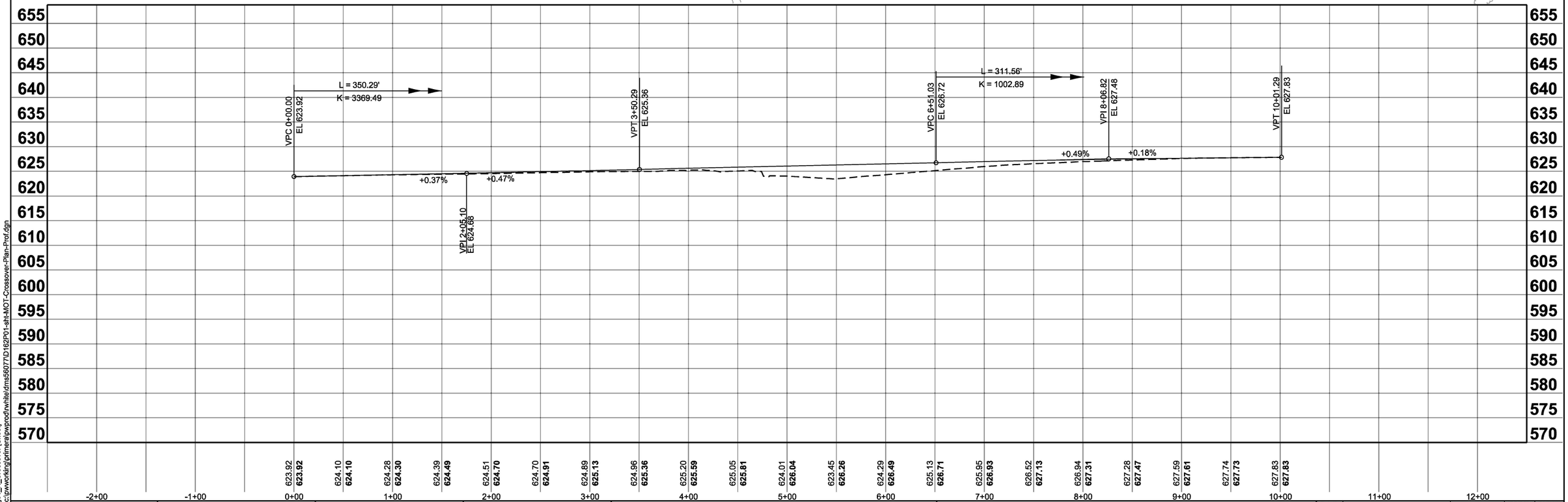
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER PLAN AND PROFILE
STAGE 1 SOUTH CROSSOVER

SCALE: 1"=50' | SHEET 15 OF 43 SHEETS | STA. -2+50.00 | TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	36
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			





MODEL: Stage1_N_Crossover [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-MOT-Crossover-Plan-Prof.dgn

Ardmore Roderick

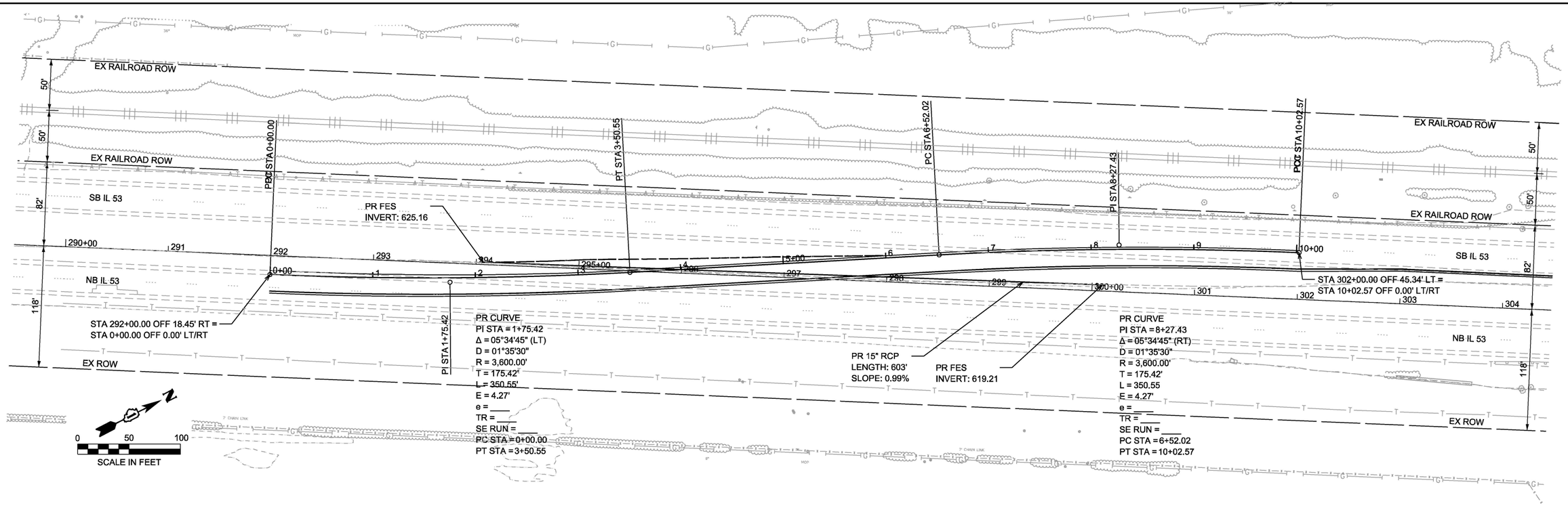
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 10/16/2025	DATE - 04/11/2025	REVISED -	

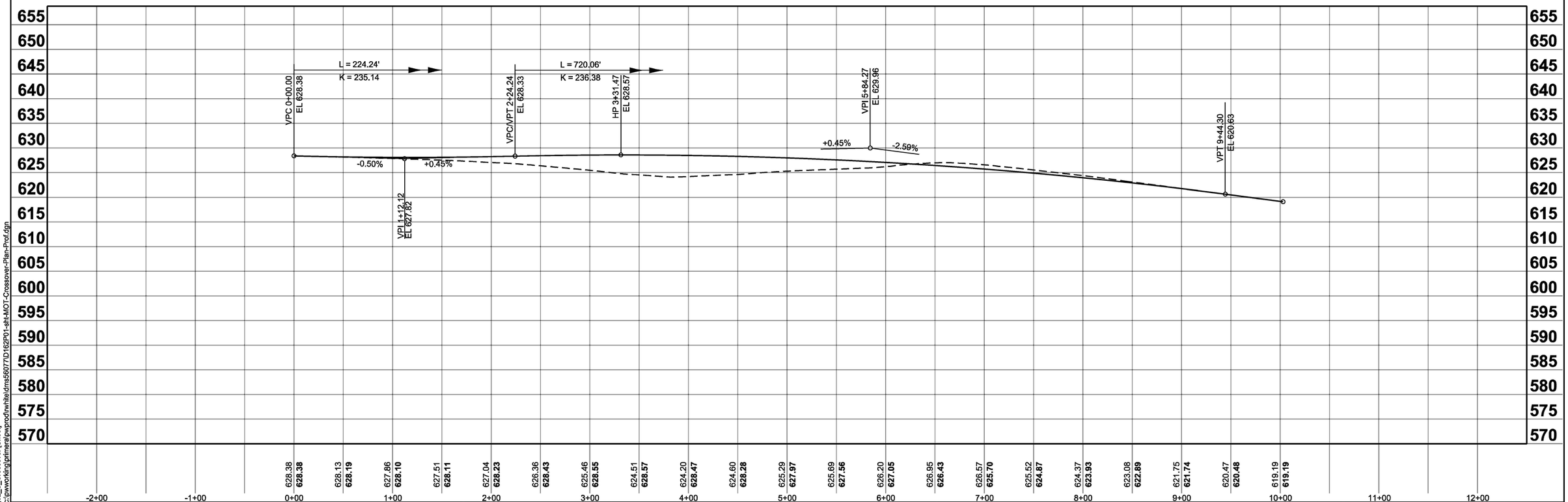
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER PLAN AND PROFILE
STAGE 1 NORTH CROSSOVER

SCALE: 1"=50' | SHEET 16 OF 43 SHEETS | STA. -2+50.00 | TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	37
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			





MODEL: Stage2_S_Crossover [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-MOT-Crossover-Plan-Prof.dgn

Ardmore Roderick

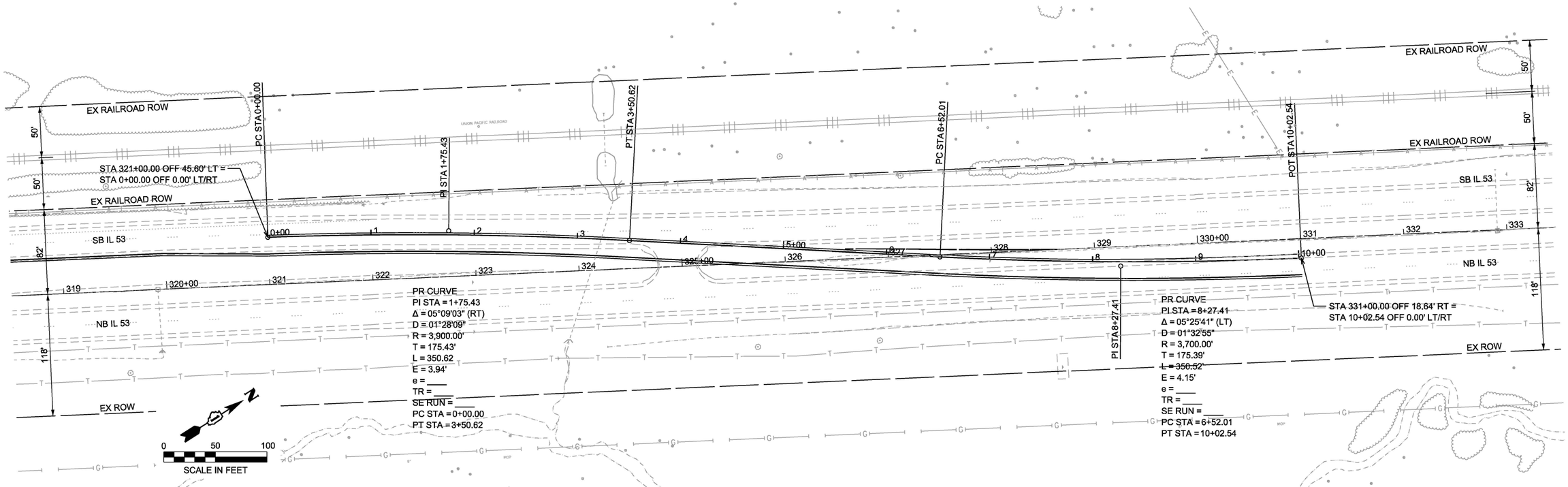
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 10/16/2025	DATE - 04/11/2025	REVISED -	

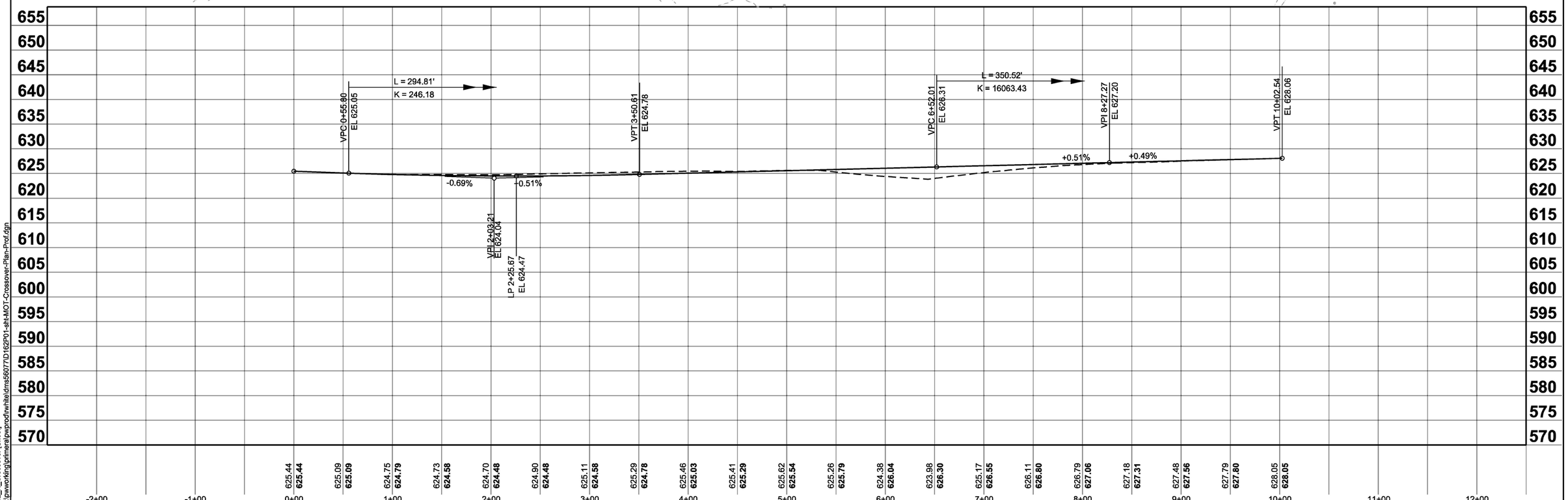
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSSOVER PLAN AND PROFILE
STAGE 2 SOUTH CROSSOVER

SCALE: 1"=50' | SHEET 17 OF 43 SHEETS | STA. -2+50.00 | TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	38
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			





MODEL: Stage2_N_Crossover [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\d0ms55607\D162P01-sht-MOT-Crossover-Plan-Prof.dgn

Ardmore Roderick

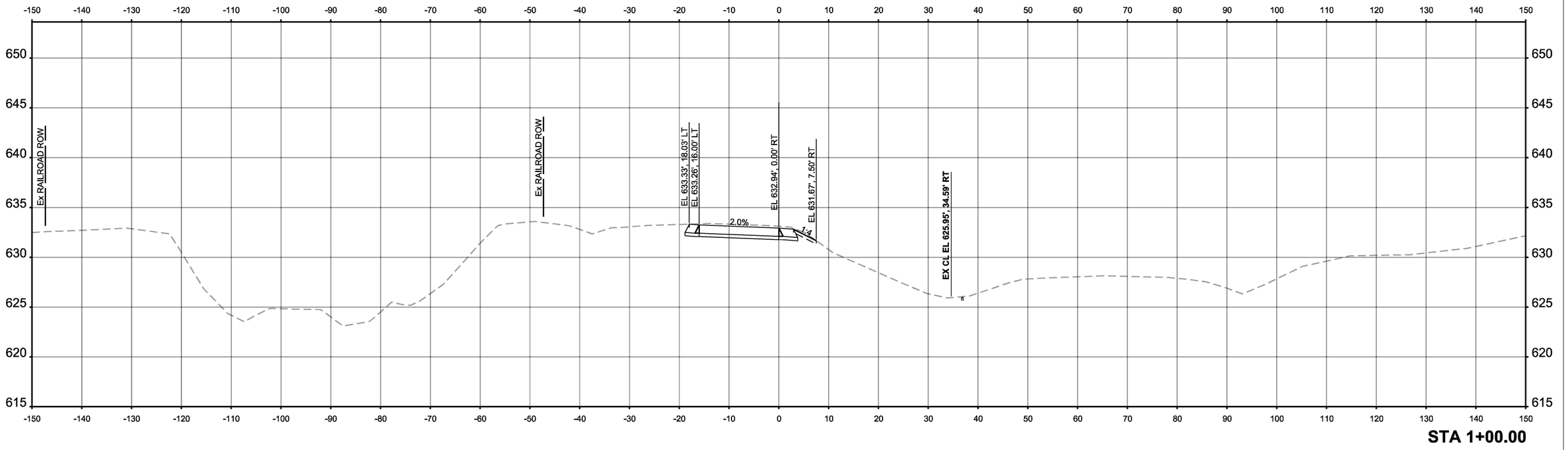
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 10/16/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

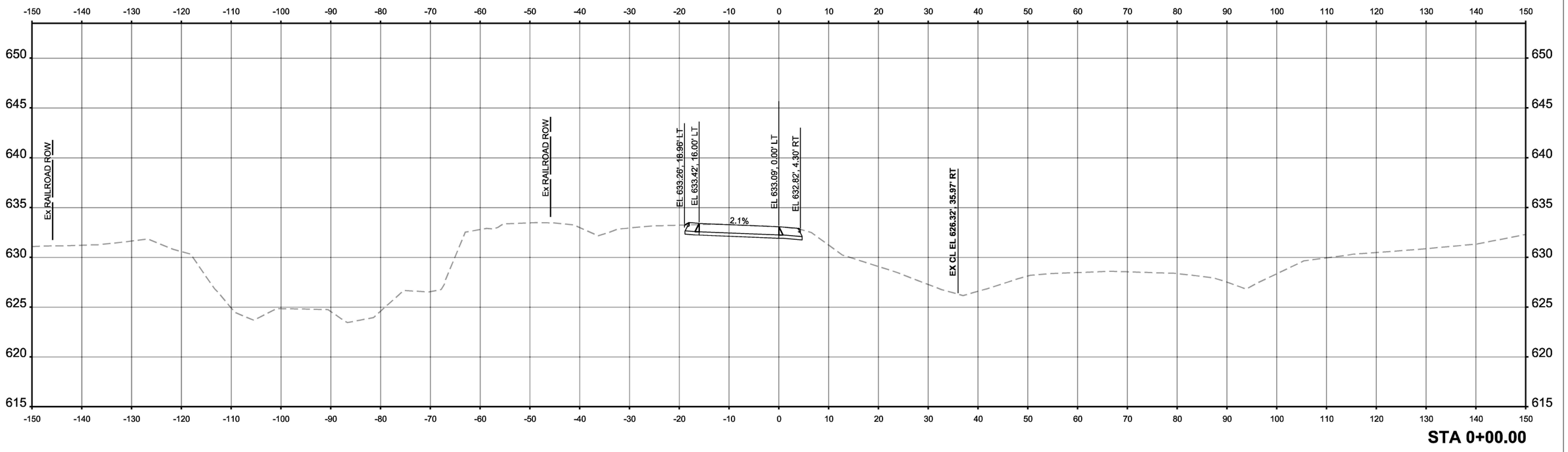
MAINTENANCE OF TRAFFIC CROSSOVER PLAN AND PROFILE
STAGE 2 NORTH CROSSOVER

SCALE: 1"=50' | SHEET 18 OF 43 SHEETS | STA. -2+50.00 | TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	39
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 1+00.00



STA 0+00.00

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

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

MODEL: S_Crossover_ST1_New - 0+00.00
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

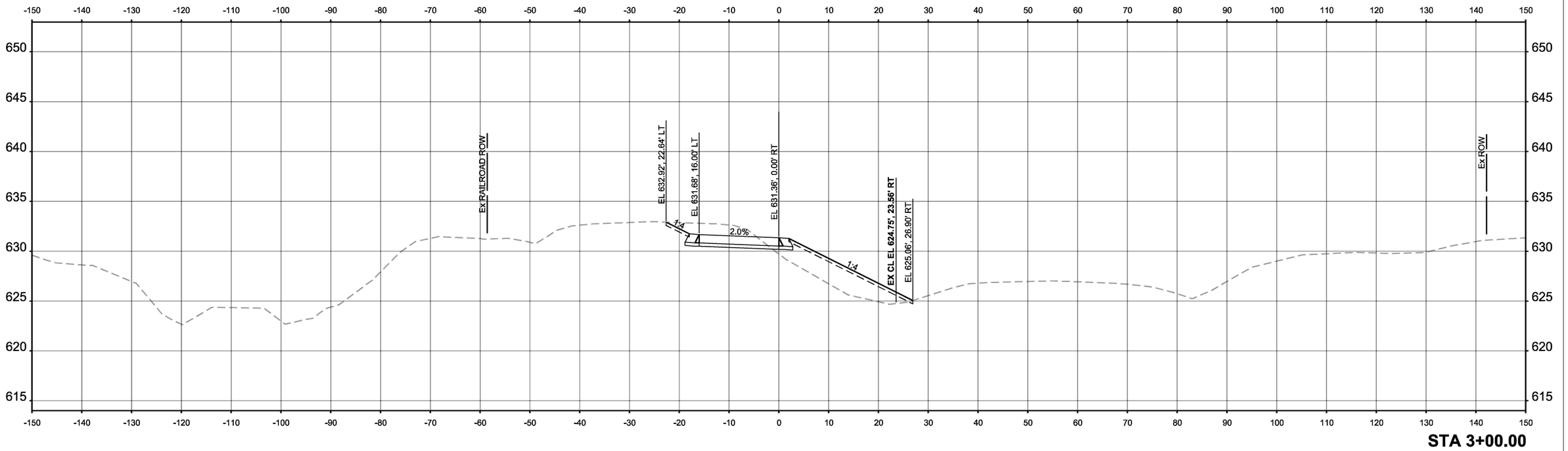
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 SOUTH CROSSOVER

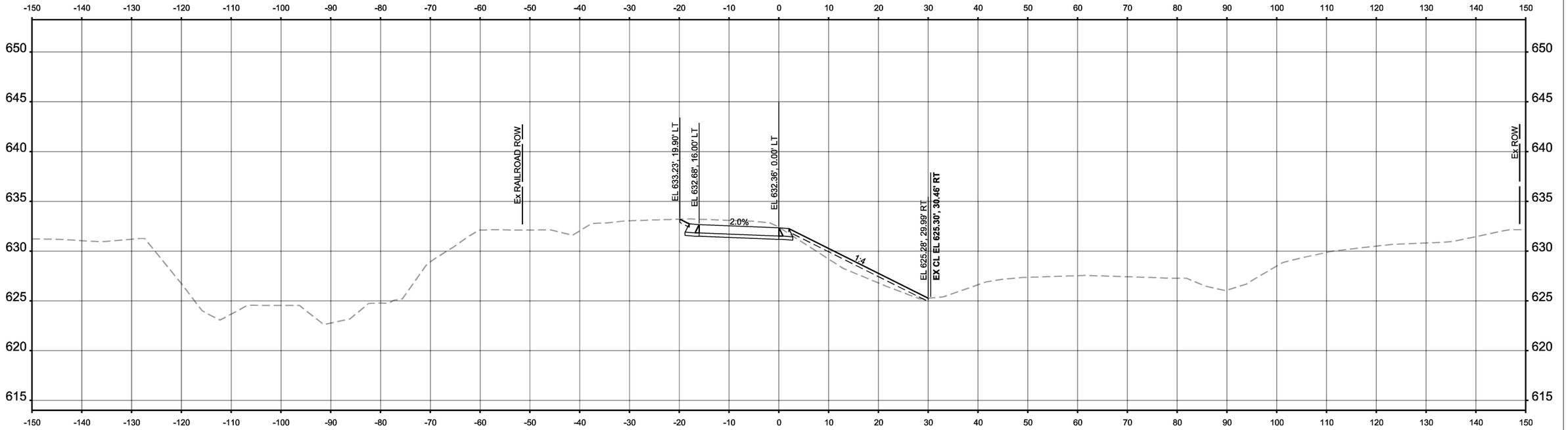
SCALE: 1"=10' | SHEET 19 OF 43 SHEETS | STA. 0+00.00 TO STA. 1+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	40
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



STA 3+00.00



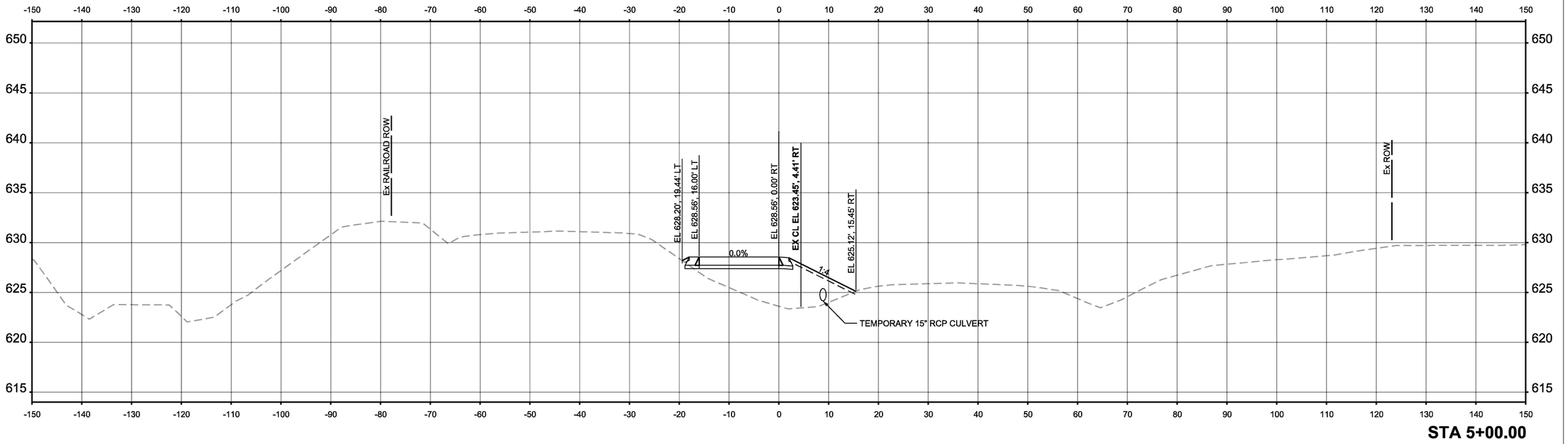
STA 2+00.00

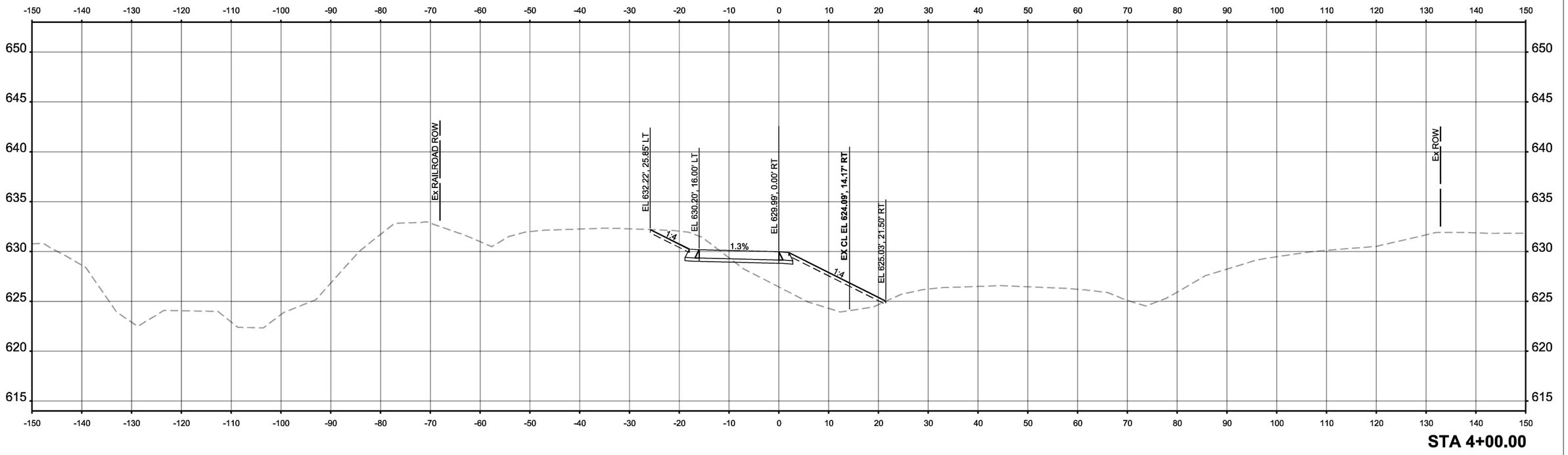
USER NAME = JEssner	DESIGNED - RW	REVISED - ####	**STATE OF ILLINOIS**	**MAINTENANCE OF TRAFFIC CROSS SECTIONS**	F.A.P RTE. 846	SECTION 2021-064-CR	COUNTY WILL	TOTAL SHEETS 173	SHEET NO. 41
	DRAWN - RW	REVISED - ####	**DEPARTMENT OF TRANSPORTATION**	**STAGE 1 SOUTH CROSSOVER**			CONTRACT NO. 62P01		
	CHECKED - YK	REVISED - ####					ILLINOIS	FED. AID PROJECT	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####		SCALE: 1"=10' SHEET 20 OF 43 SHEETS STA. 2+00.00 TO STA. 3+00.00	#### ####				####

Ardmore Roderick

MODEL: S_Crossover_ST1_New - 2+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\d0ms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn

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





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

MODEL: S_Crossover_ST1_New - 4+00.00
FILE NAME: c:\pwworking\jarimeral\pwprod\jessner\dms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

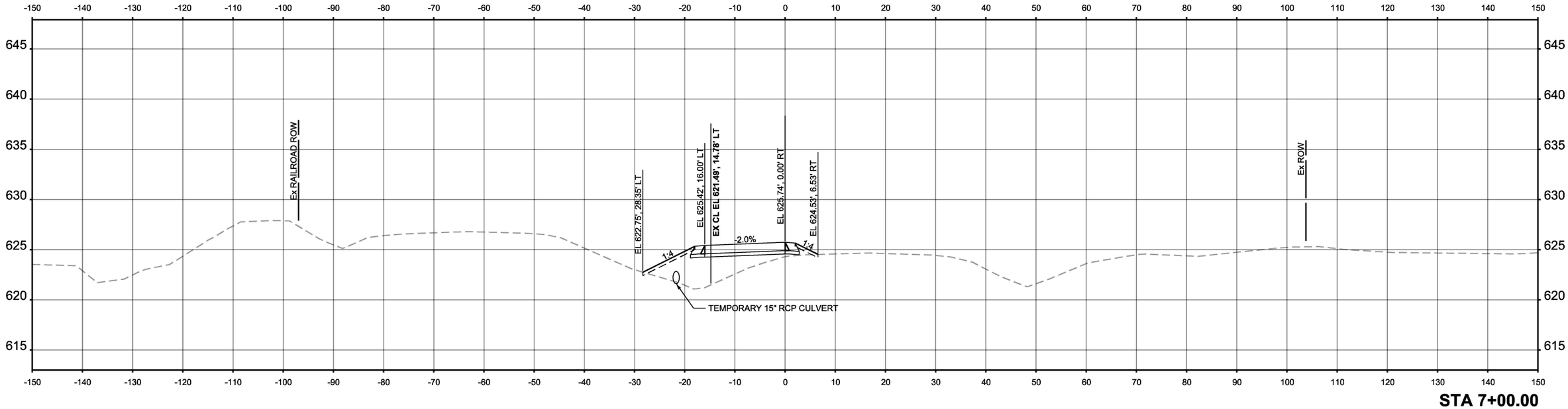
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

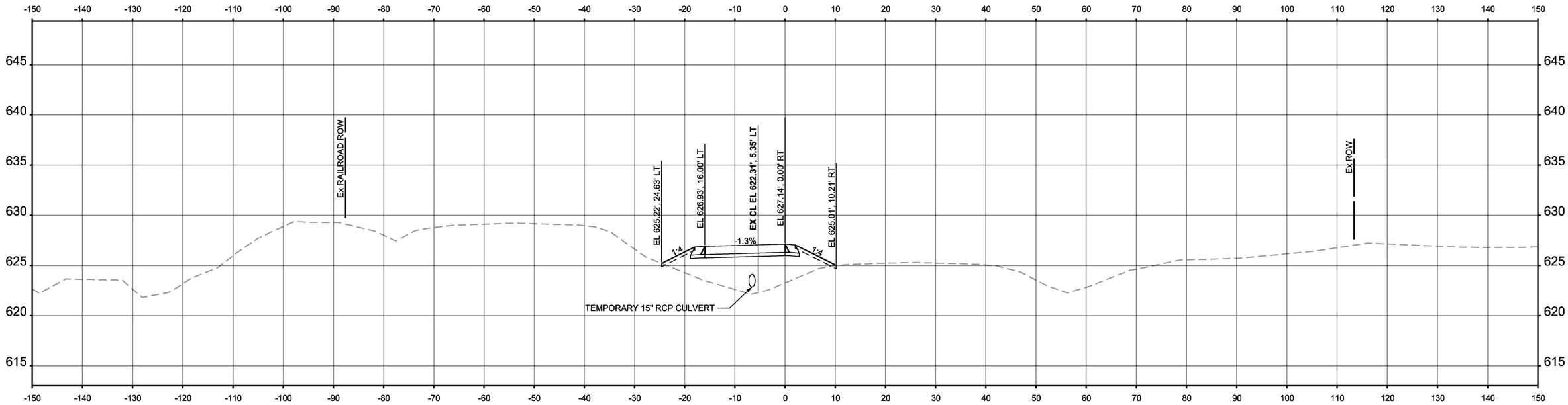
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 21 OF 43 SHEETS | STA. 4+00.00 | TO STA. 5+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	42
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####





FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: S_Crossover_ST1_New - 6+00.00
FILE NAME: c:\pwworking\primeralpwprod\jessner\dms560771D1162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

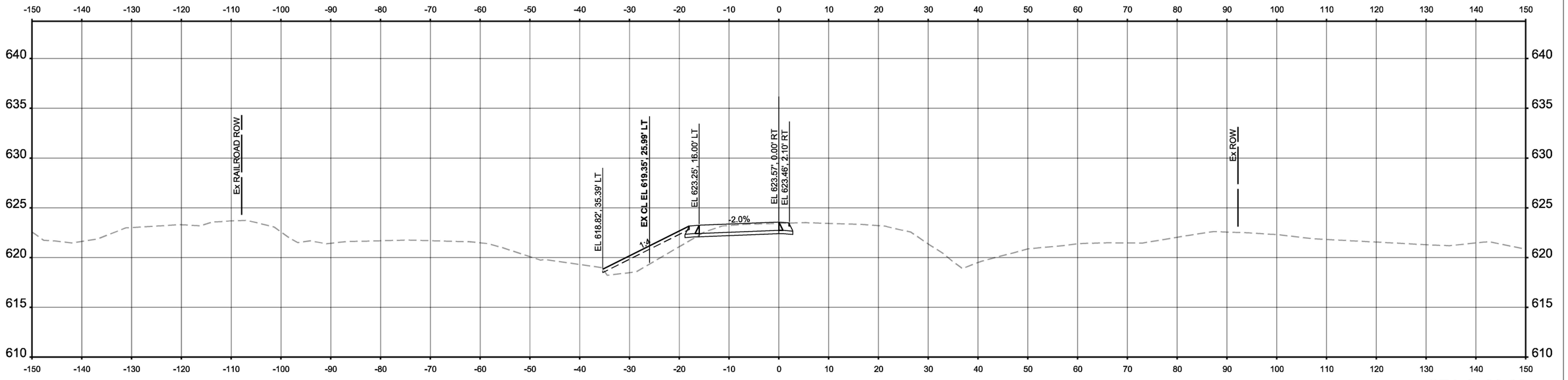
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

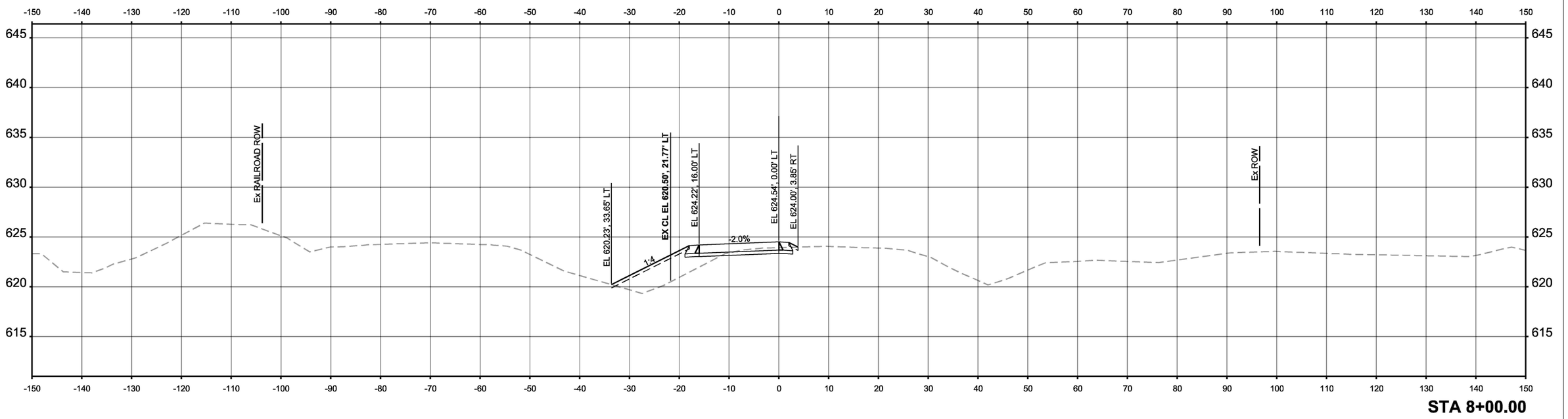
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 22 OF 43 SHEETS | STA. 6+00.00 | TO STA. 7+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	43
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####





FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: S_Crossover_ST1_New - 8+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

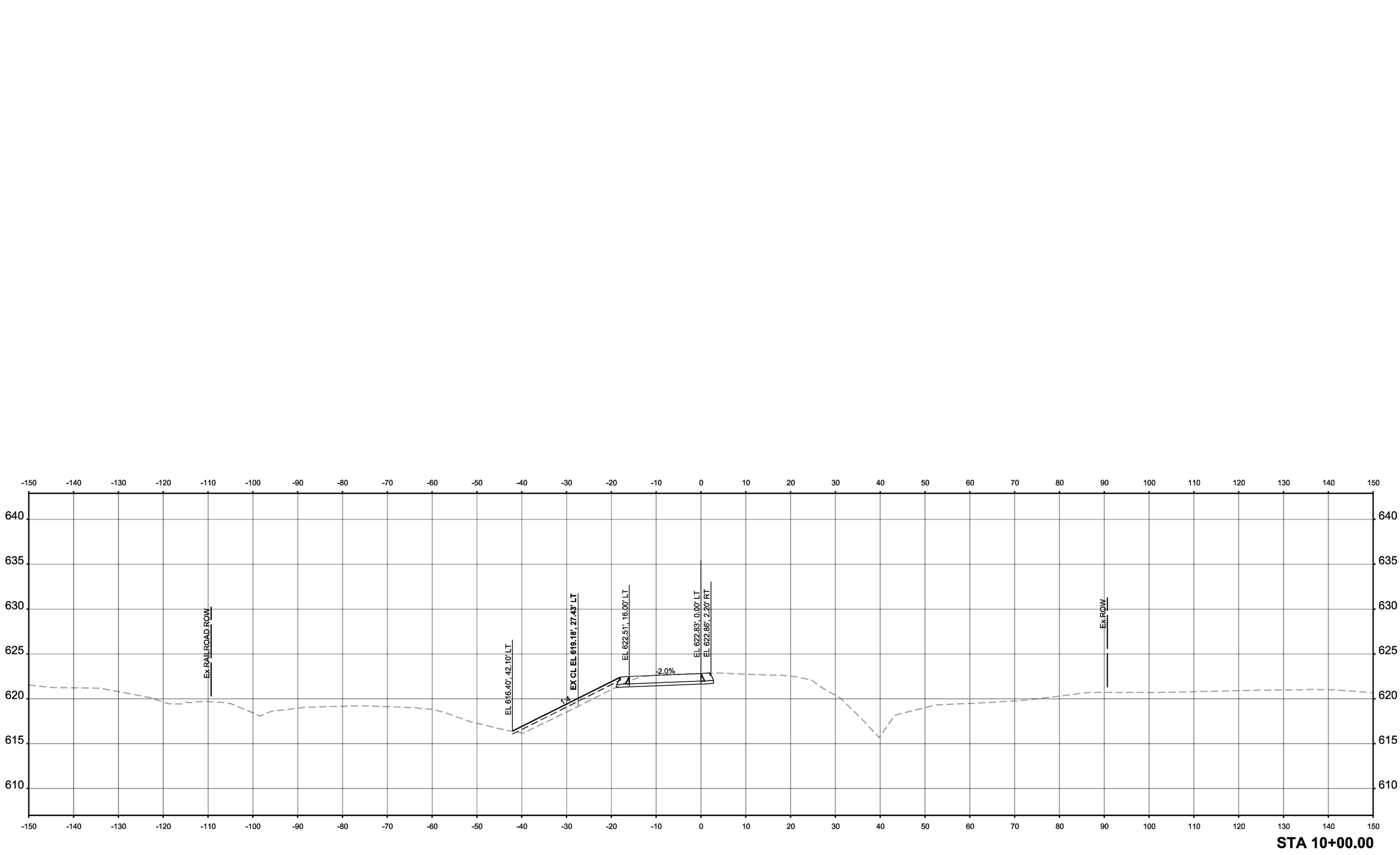
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 23 OF 43 SHEETS | STA. 8+00.00 | TO STA. 9+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	44
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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



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

MODEL: S_Crossover_ST1_New - 10+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

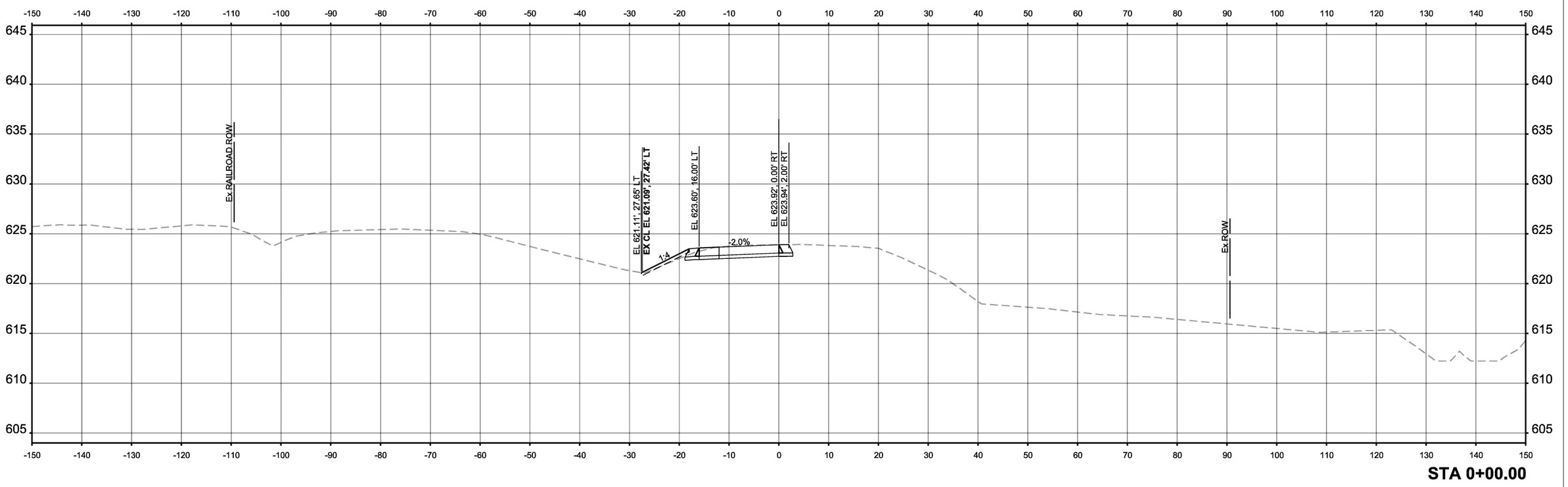
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 24 OF 43 SHEETS | STA. 10+00.00 | TO STA. 10+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	45
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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



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

MODEL: N_Crossover_ST1_New - 0+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

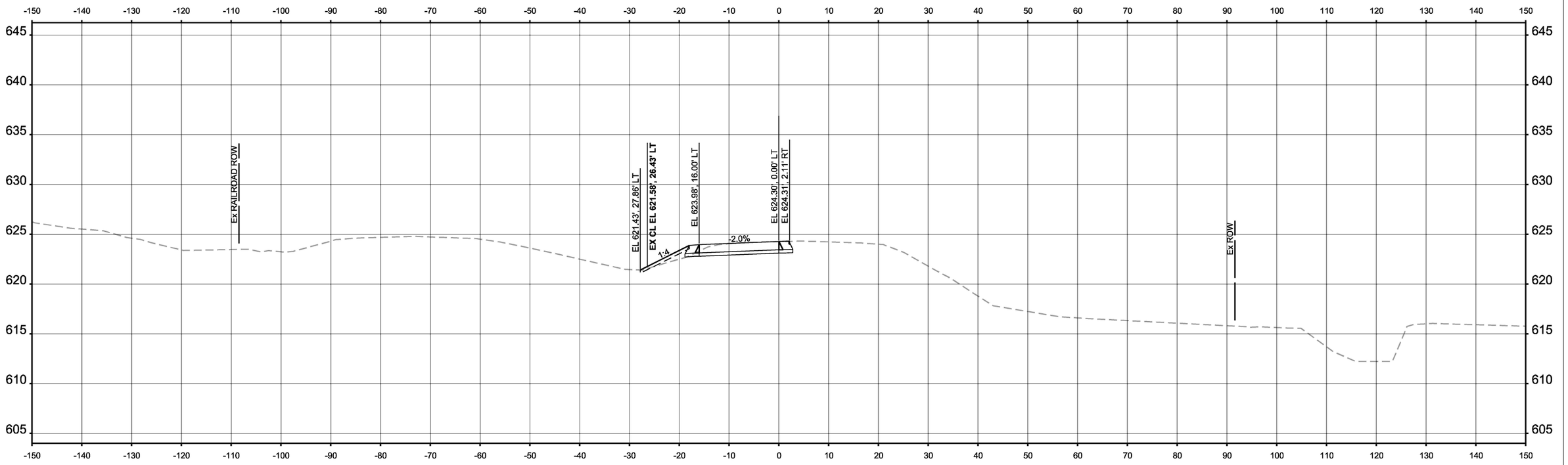
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 25 OF 43 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	46
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

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



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

MODEL: N_Crossover_ST1_New - 1+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms58077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

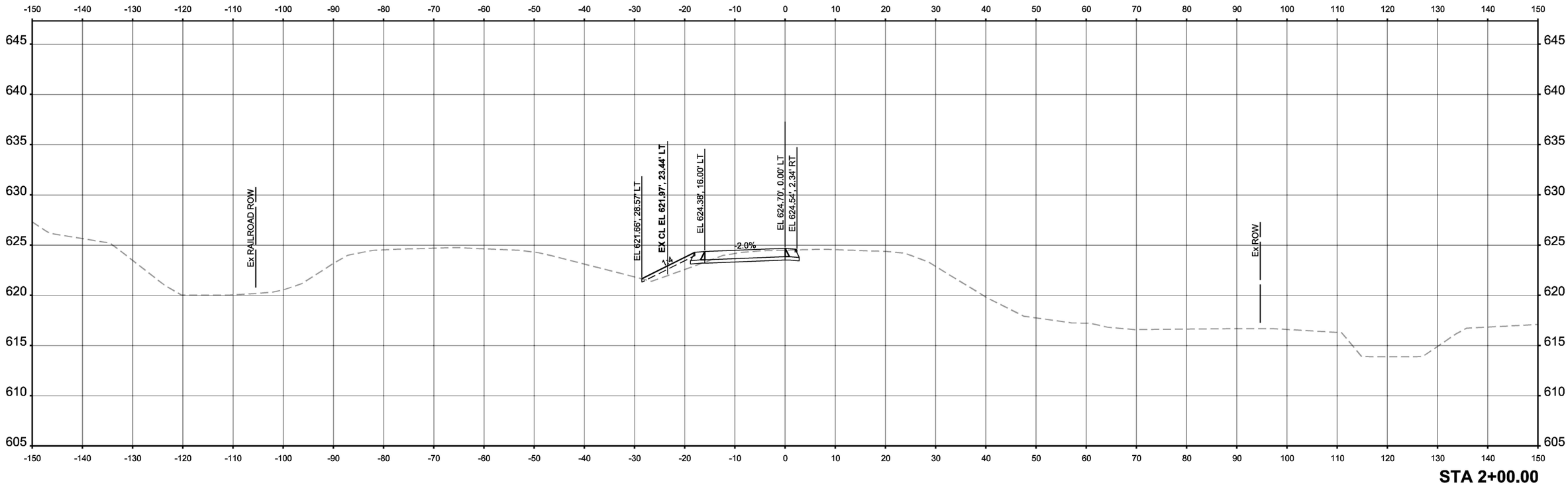
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 26 OF 43 SHEETS | STA. 1+00.00 | TO STA. 1+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	47
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

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



STA 2+00.00

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

MODEL: N_Crossover_ST1_New - 2+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

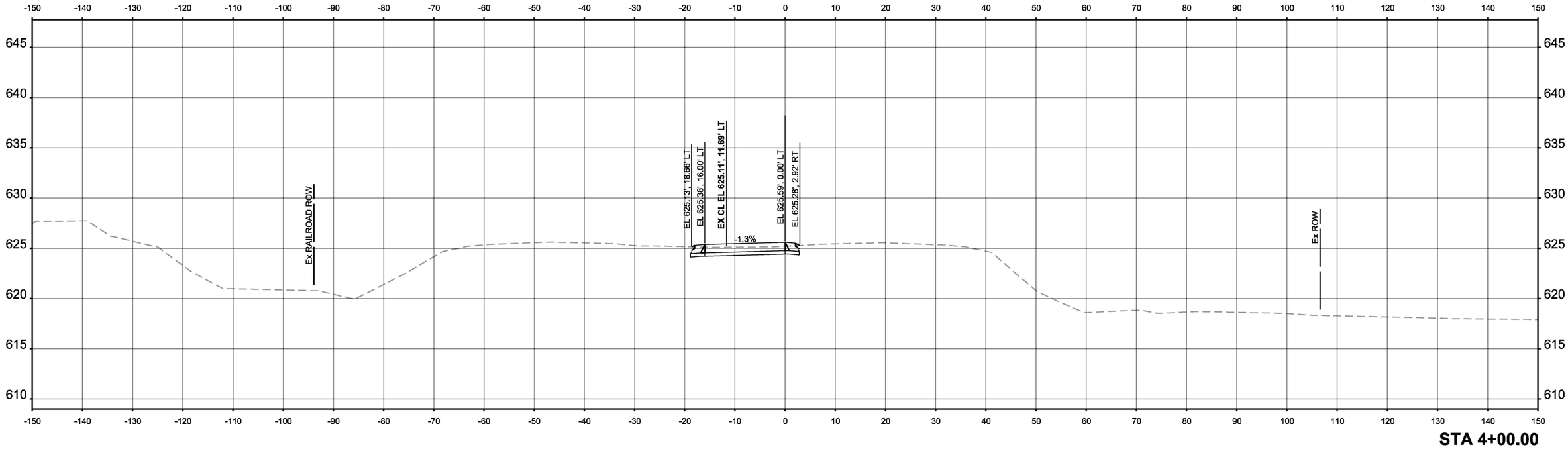
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

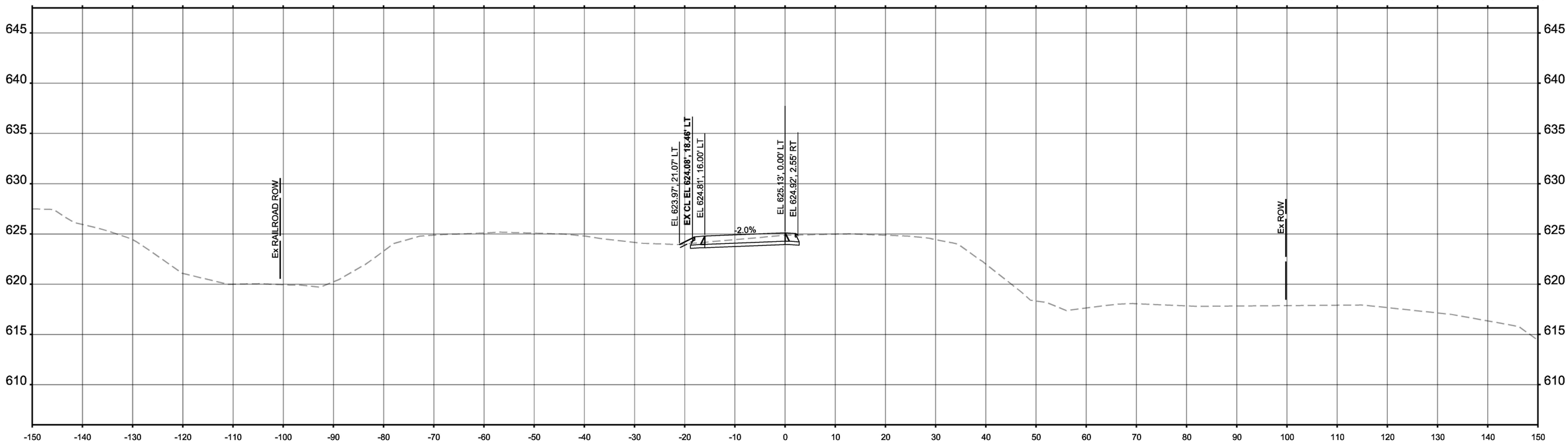
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 27 OF 43 SHEETS | STA. 2+00.00 | TO STA. 2+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	48
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		



STA 4+00.00



STA 3+00.00

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

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

MODEL: N_Crossover_ST1_New - 3+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

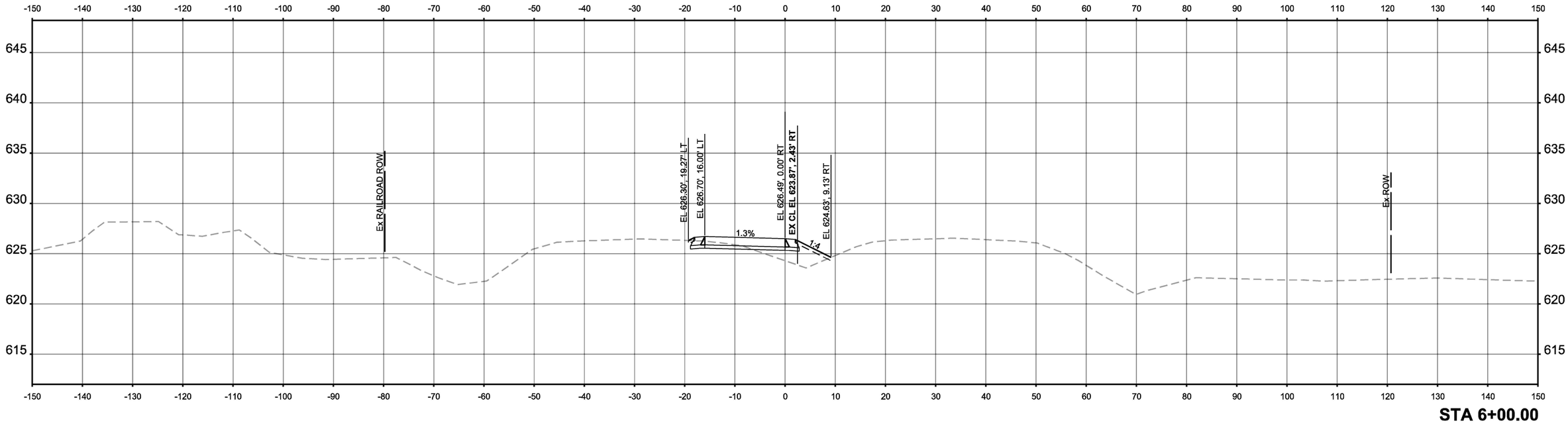
USER NAME = rileywhite	DESIGNED - RW	REVISED -	
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

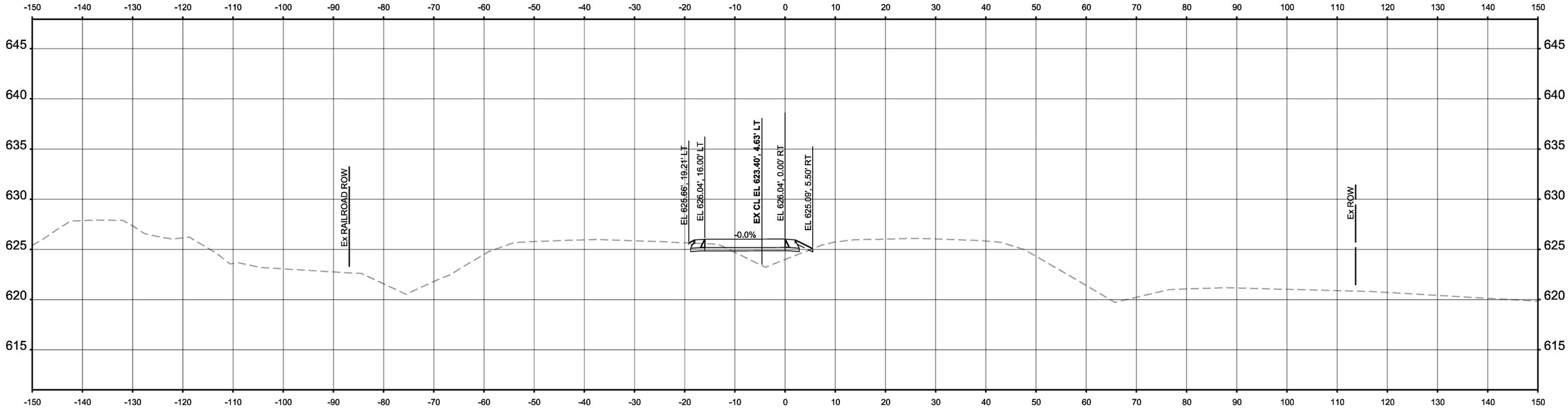
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 28 OF 43 SHEETS | STA. 3+00.00 | TO STA. 4+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	49
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 6+00.00



STA 5+00.00

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

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

MODEL: N_Crossover_ST1_New - 5+00.00
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

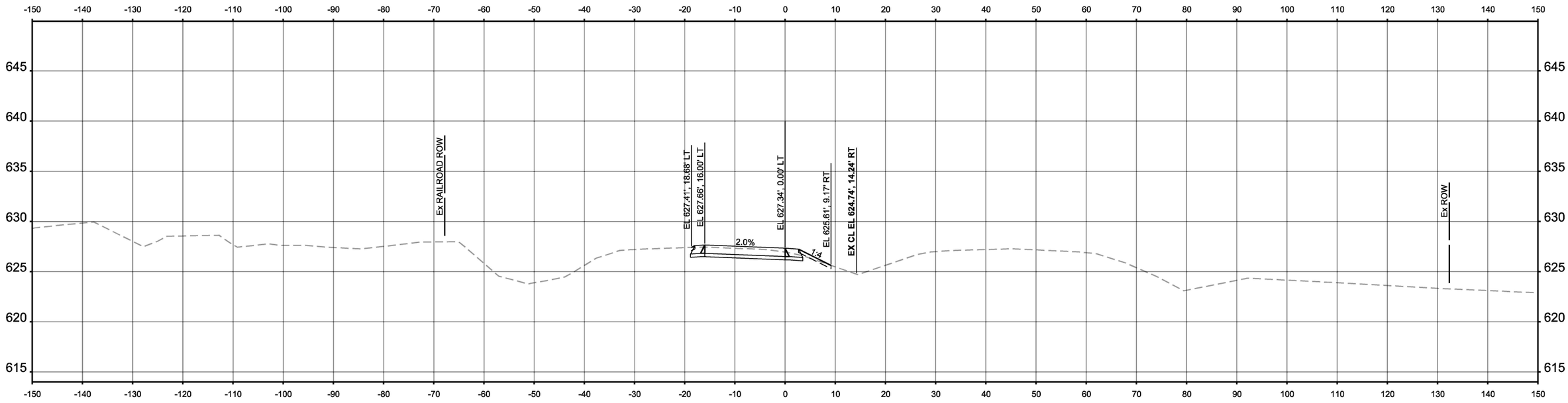
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

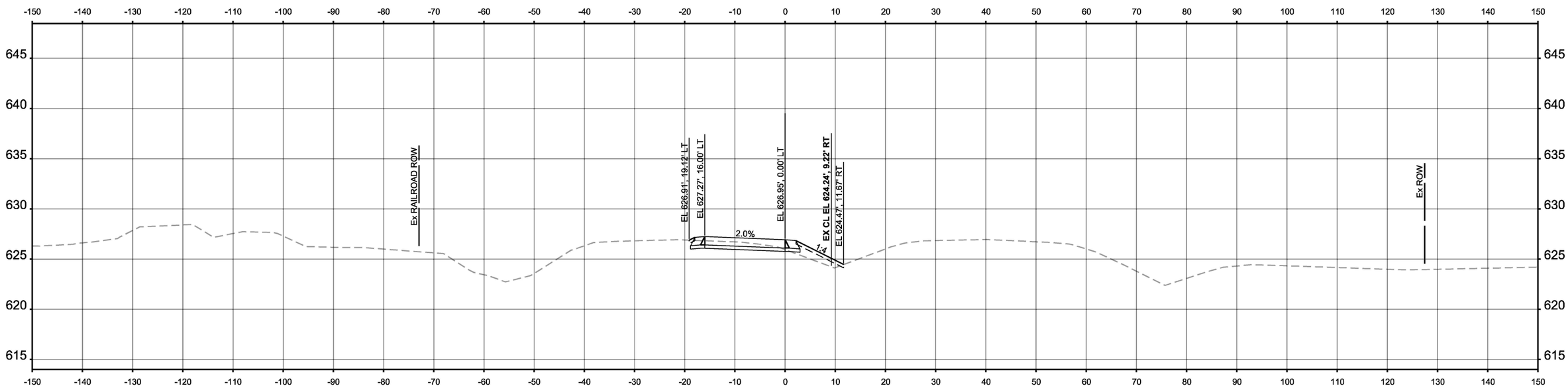
SCALE: 1"=10' | SHEET 29 OF 43 SHEETS | STA. 5+00.00 TO STA. 6+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	50
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



STA 8+00.00



STA 7+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: N_Crossover_ST1_New - 7+00.00
FILE NAME: c:\pwworking\primeralpwprod\jessner\dms560771\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner		DESIGNED - RW		REVISED - ####	
		DRAWN - RW		REVISED - ####	
		CHECKED - YK		REVISED - ####	
PLOT DATE = 9/18/2025		DATE - 04/11/2025		REVISED - ####	

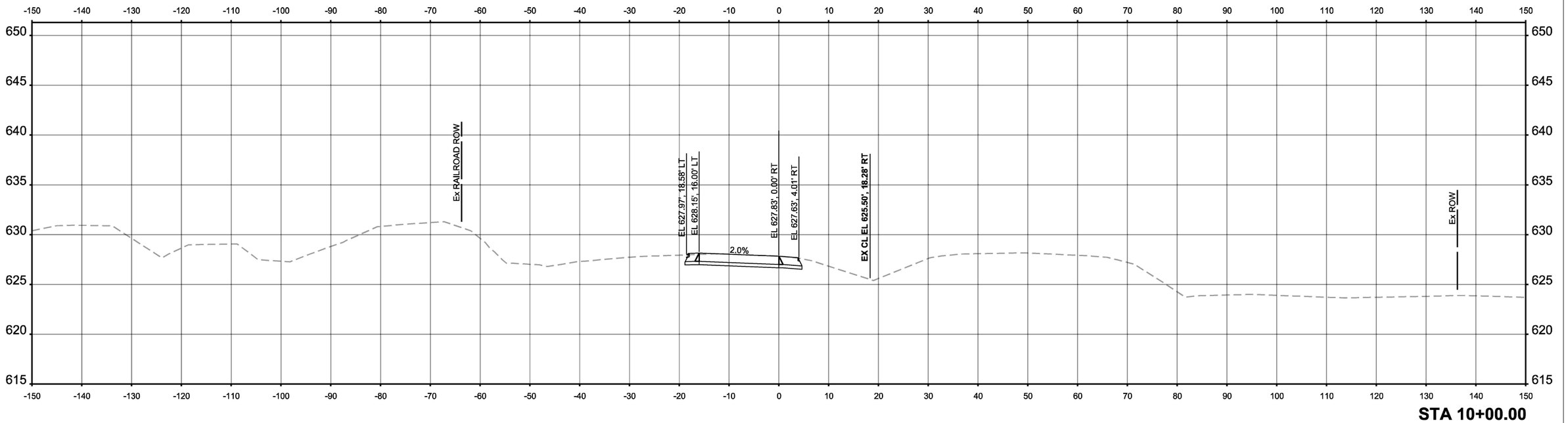
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

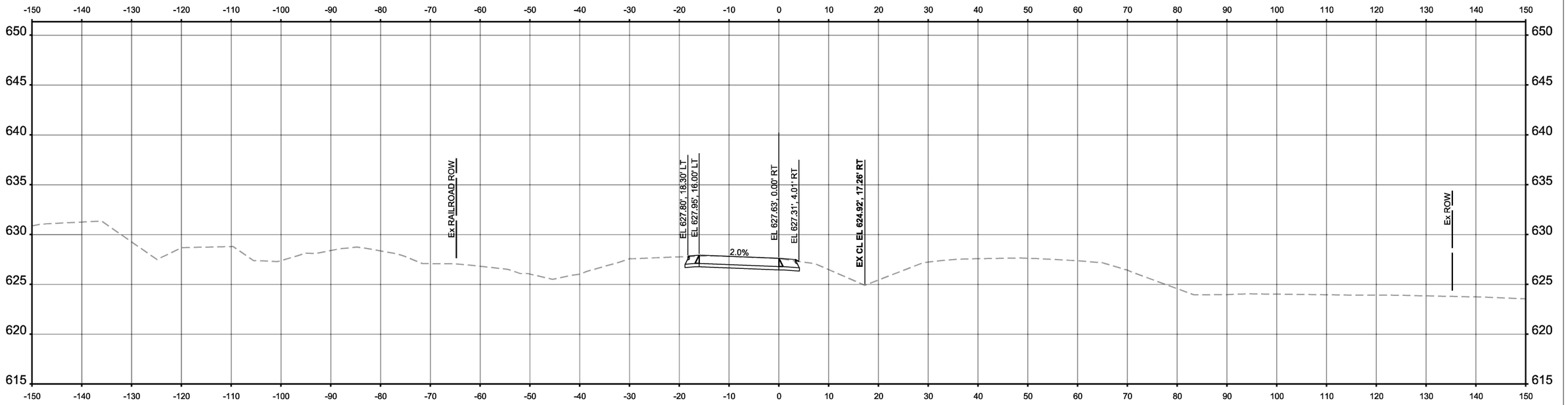
SCALE: 1"=10' | SHEET 30 OF 43 SHEETS | STA. 7+00.00 | TO STA. 8+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	51
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 10+00.00



STA 9+00.00

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

BY	DATE

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

BY	DATE

MODEL: N_Crossover_ST1_New - 9+00.00
FILE NAME: c:\pwworking\primeralpwprod\jessner\dms560771\D1162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####			
	DRAWN - RW	REVISED - ####			
	CHECKED - YK	REVISED - ####			
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####			

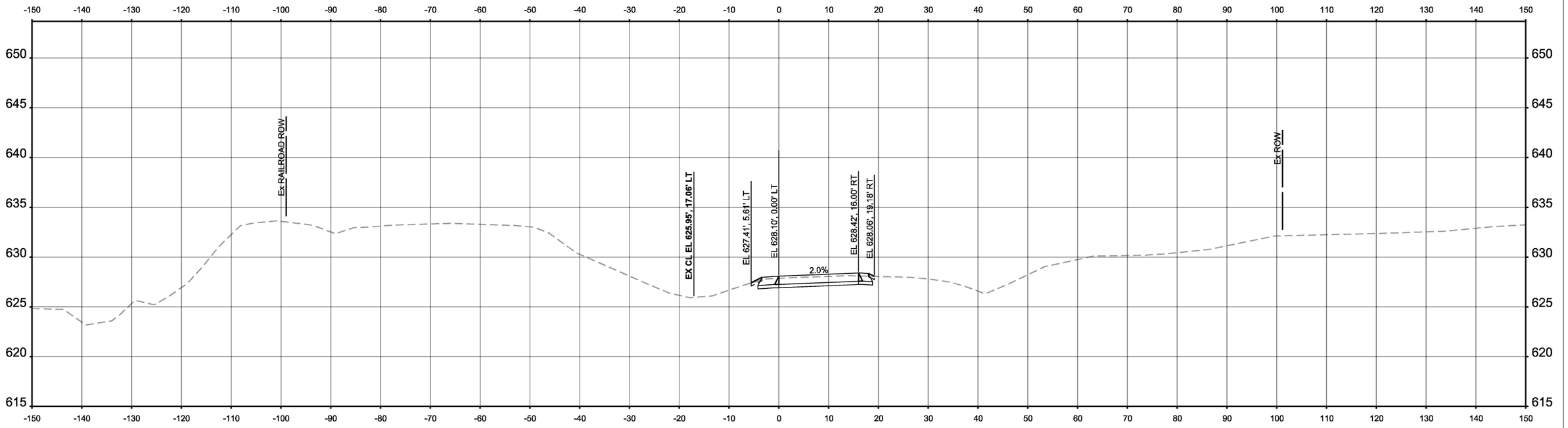
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 1 NORTH CROSSOVER

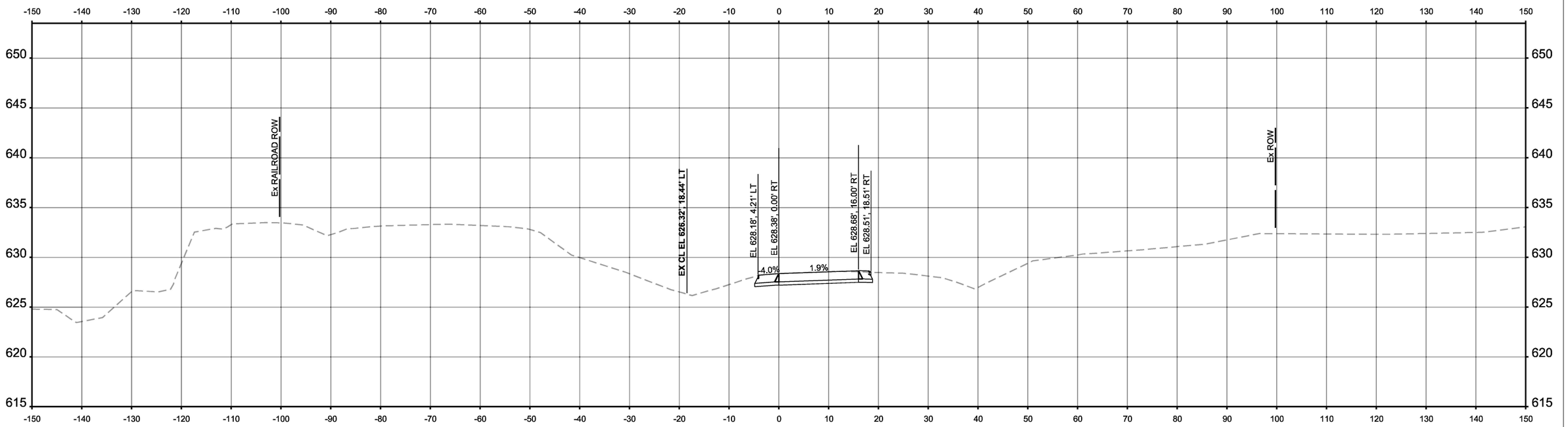
SCALE: 1"=10' | SHEET 31 OF 43 SHEETS | STA. 9+00.00 | TO STA. 10+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	52
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 1+00.00



STA 0+00.00

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	**STATE OF ILLINOIS**
	DRAWN - RW	REVISED - ####	**DEPARTMENT OF TRANSPORTATION**
	CHECKED - YK	REVISED - ####	
PLOT DATE = 4/11/2025	DATE - 04/11/2025	REVISED - ####	

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 32 OF 43 SHEETS | STA. 0+00.00 | TO STA. 1+00.00

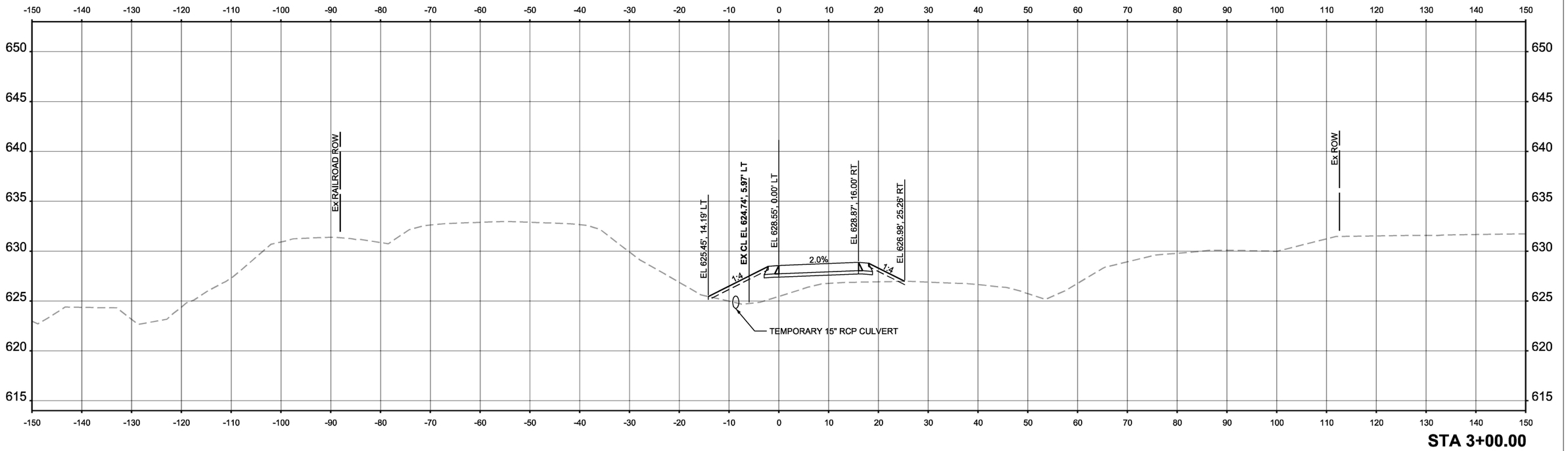
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	53
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####

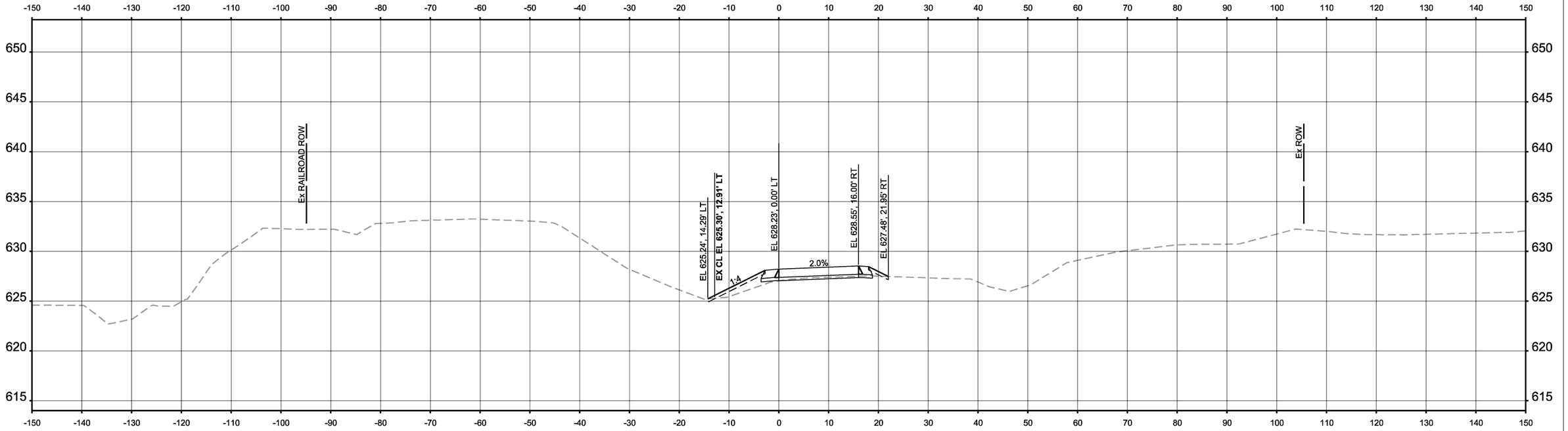
Ardmore Roderick

MODEL: S_Crossover_ST2_New - 0+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessnerl\dms55607\D1622P01-sht-MOT-Crossover-XSCs.dgn

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



STA 3+00.00



STA 2+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: S_Crossover_ST2_New - 2+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\d\ms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

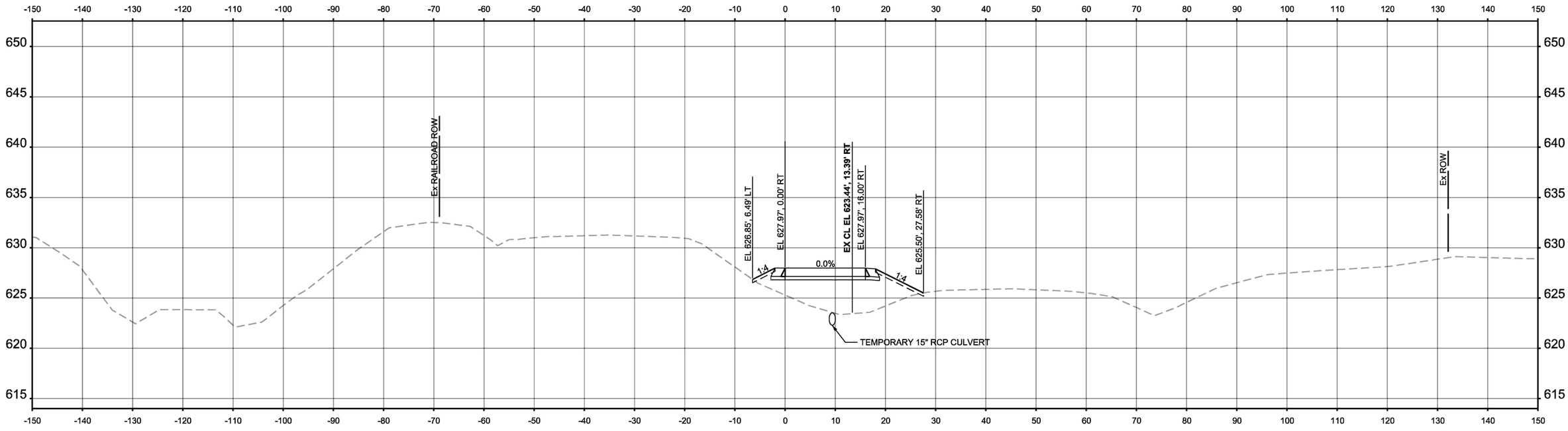
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

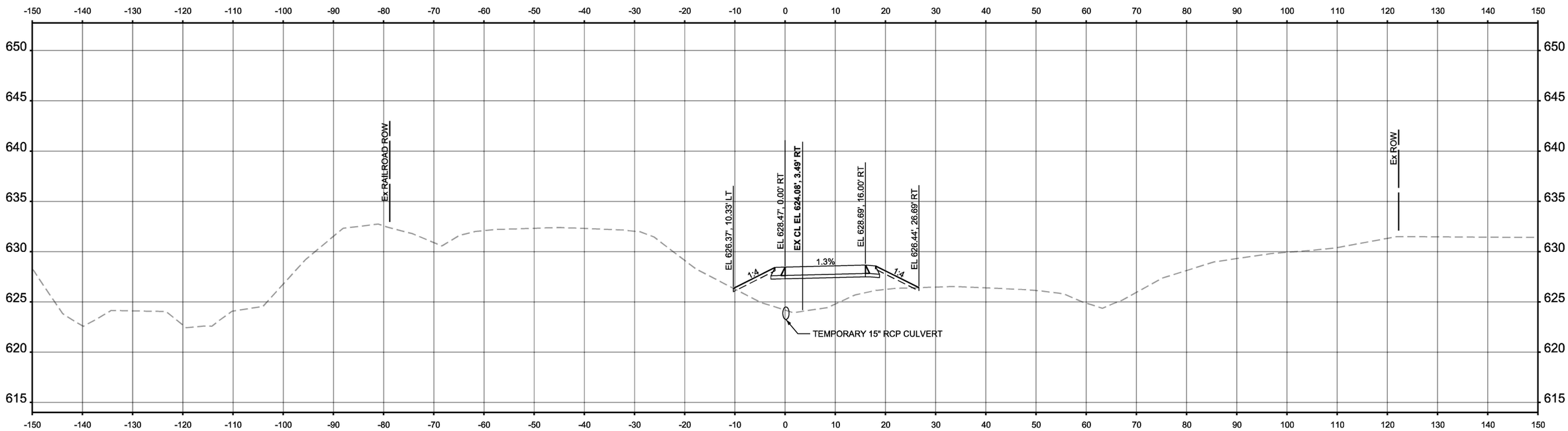
SCALE: 1"=10' | SHEET 33 OF 43 SHEETS | STA. 2+00.00 | TO STA. 3+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	54
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 5+00.00



STA 4+00.00

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

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

MODEL: S_Crossover_ST2_New - 4+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\d\ms55607\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

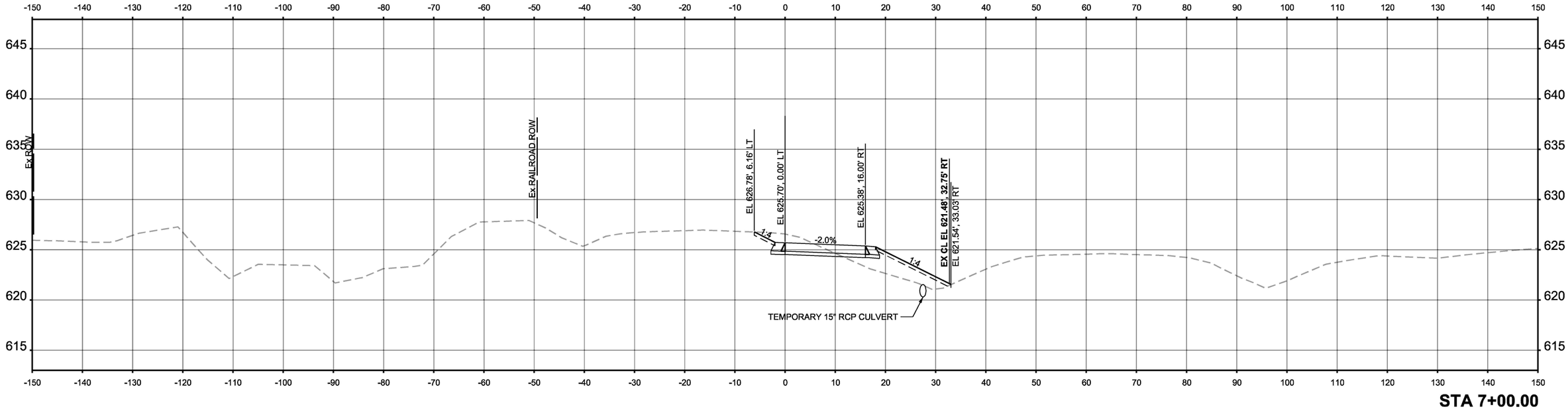
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

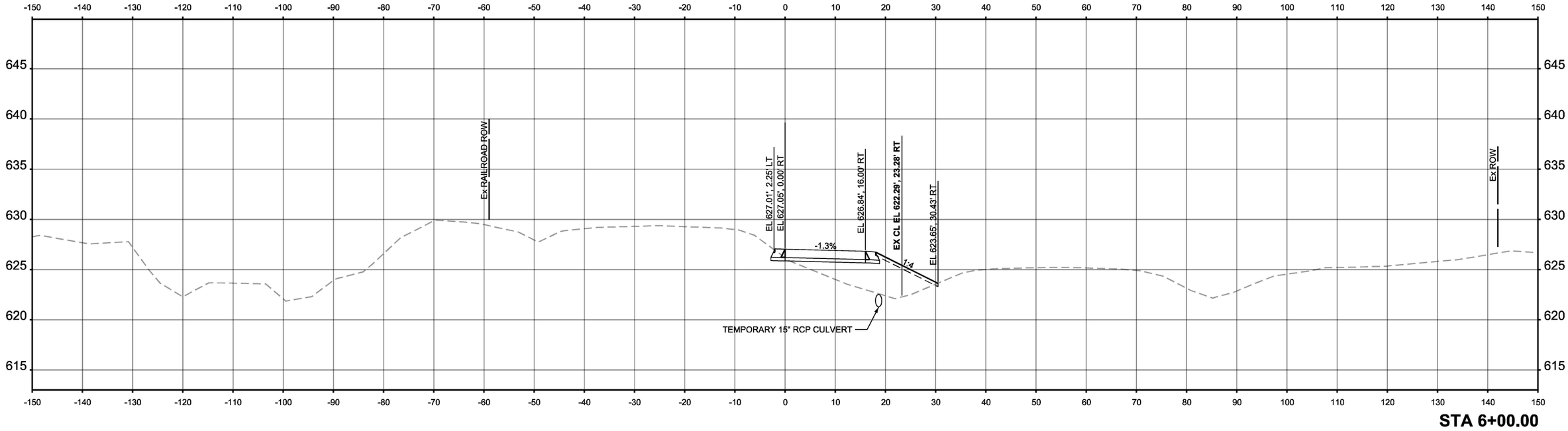
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 34 OF 43 SHEETS | STA. 4+00.00 | TO STA. 5+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	55
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####





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

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

MODEL: S_Crossover_ST2_New - 6+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\dms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner		DESIGNED - RW		REVISED - ####	
		DRAWN - RW		REVISED - ####	
		CHECKED - YK		REVISED - ####	
PLOT DATE = 9/18/2025		DATE - 04/11/2025		REVISED - ####	

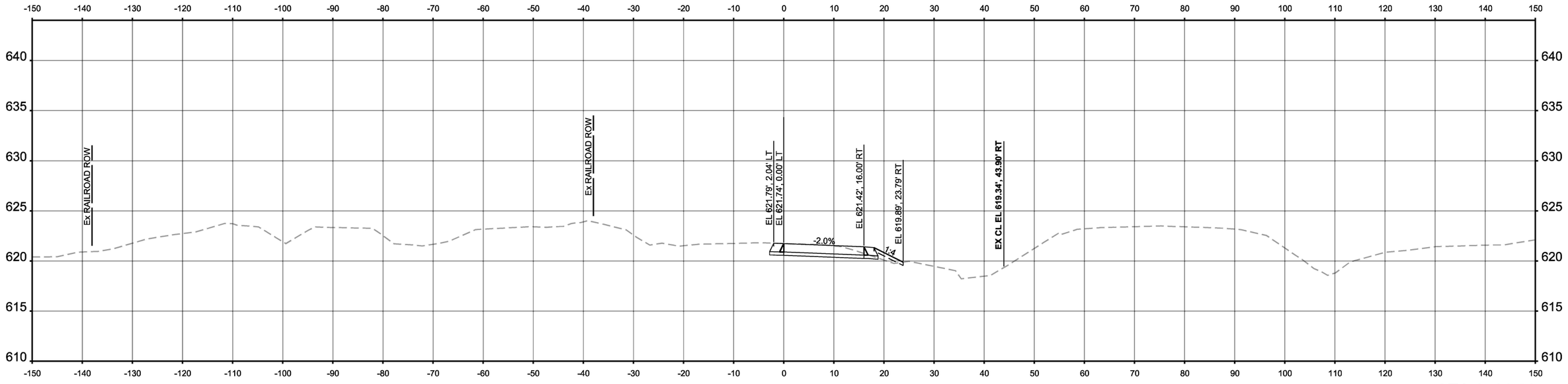
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

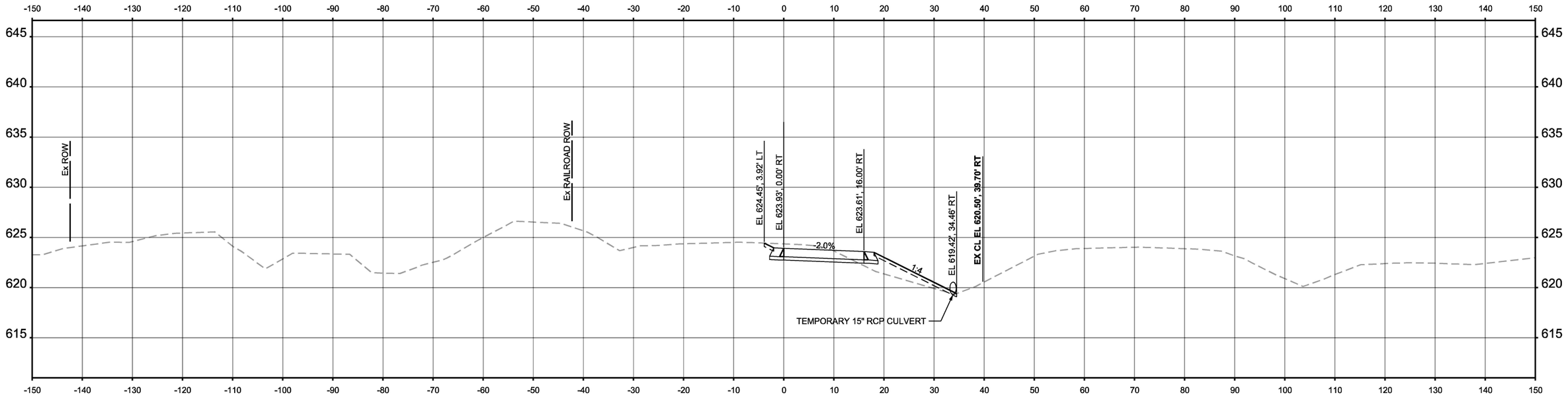
SCALE: 1"=10' | SHEET 35 OF 43 SHEETS | STA. 6+00.00 | TO STA. 7+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	56
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 9+00.00



STA 8+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: S_Crossover_ST2_New - 8+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\d#s55077\D1622P01-aht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

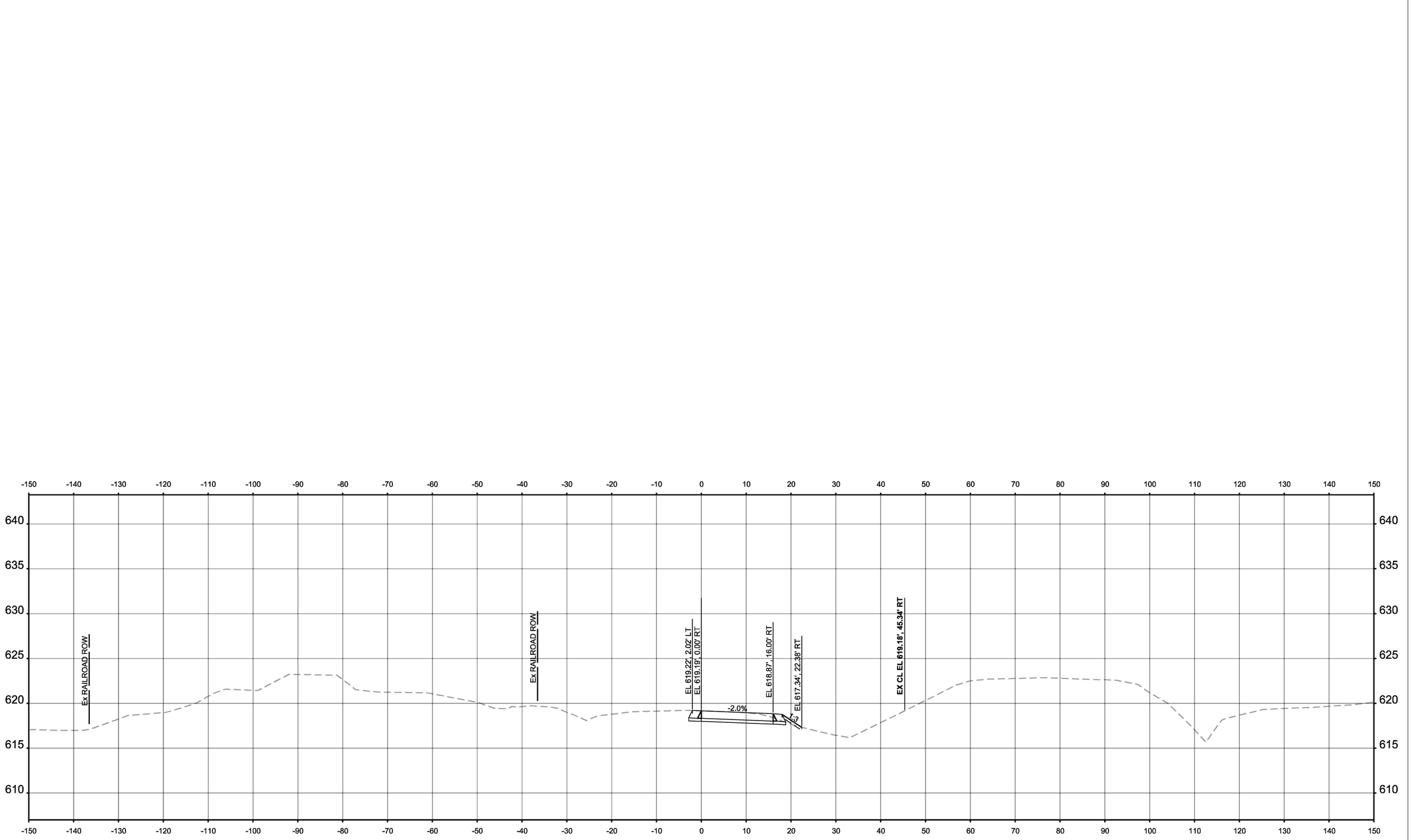
SCALE: 1"=10' | SHEET 36 OF 43 SHEETS | STA. 8+00.00 | TO STA. 9+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	57
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####

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

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



STA 10+00.00

MODEL: S_Crossover_ST2_New - 10+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\dms55607\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

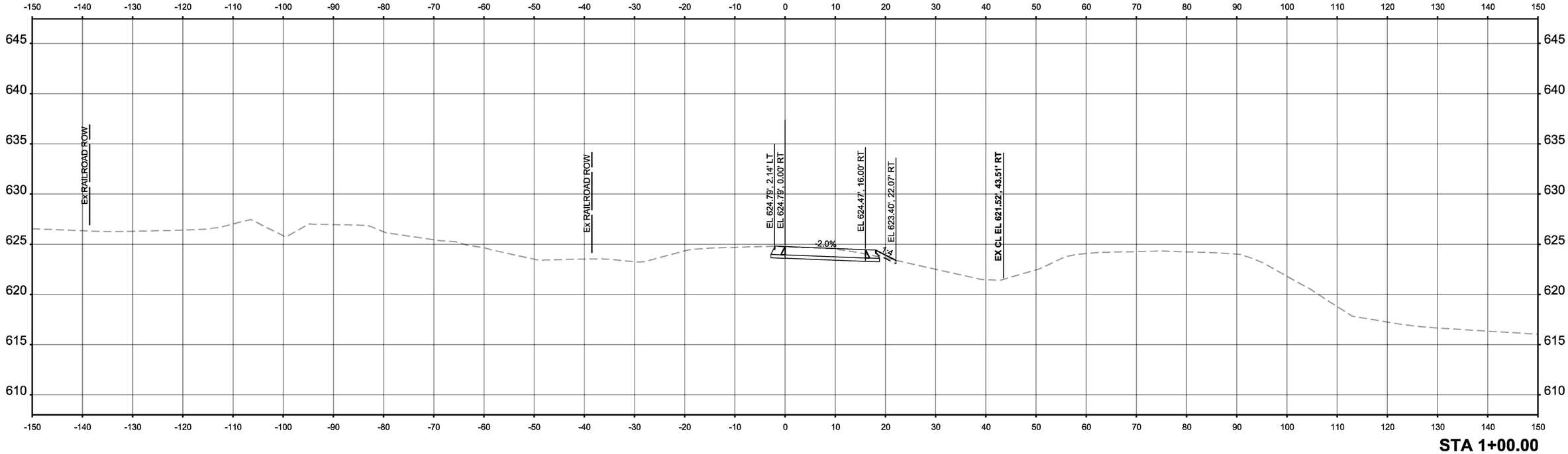
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

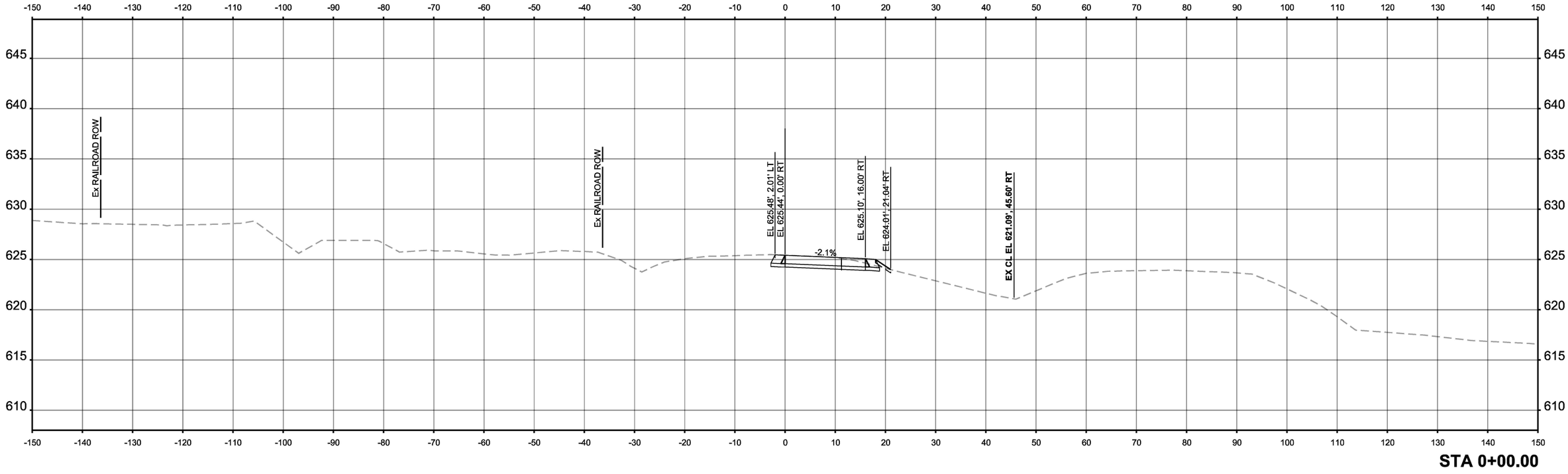
MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 SOUTH CROSSOVER

SCALE: 1"=10' | SHEET 37 OF 43 SHEETS | STA. 10+00.00 | TO STA. 10+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	58
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####





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

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

MODEL: N_Crossover_ST2_New - 0+00.00
FILE NAME: c:\pwworking\primeralpwprod\jessner\dms56077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner		DESIGNED - RW		REVISED - ####	
		DRAWN - RW		REVISED - ####	
		CHECKED - YK		REVISED - ####	
PLOT DATE = 9/18/2025		DATE - 04/11/2025		REVISED - ####	

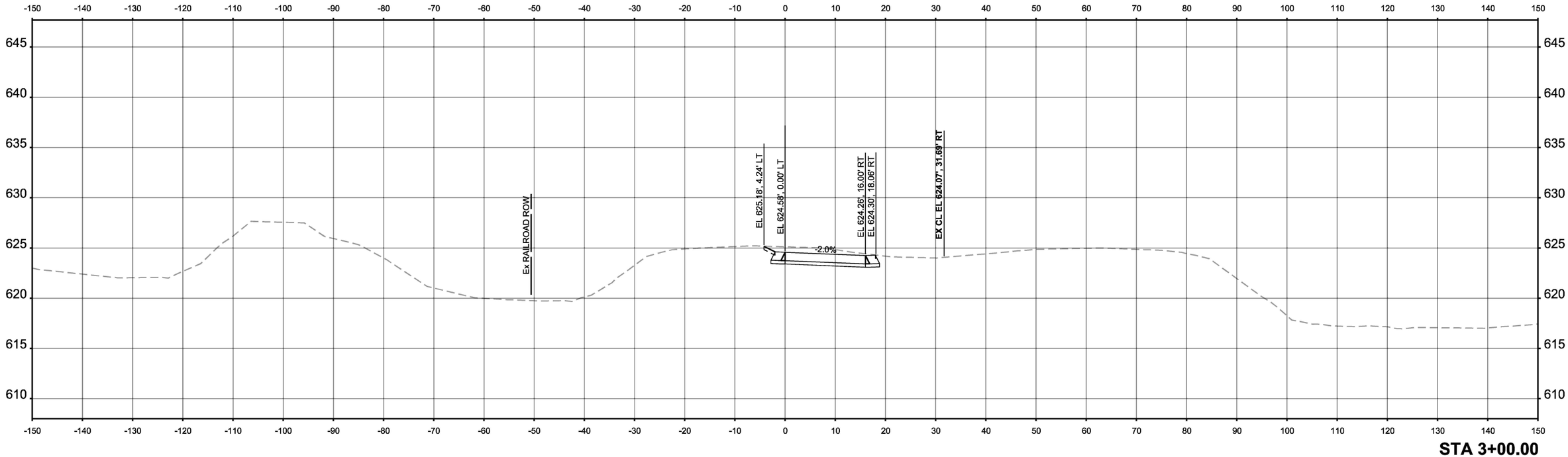
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

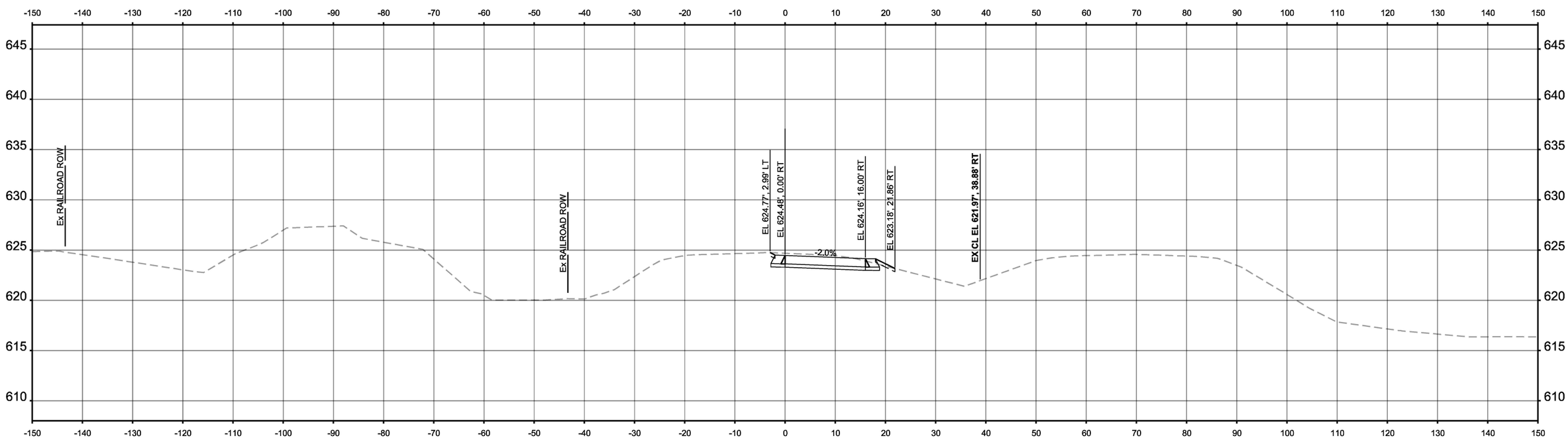
SCALE: 1"=10' | SHEET 38 OF 43 SHEETS | STA. 0+00.00 | TO STA. 1+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	59
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 3+00.00



STA 2+00.00

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

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

MODEL: N_Crossover_ST2_New - 2+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\dms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####
	DRAWN - RW	REVISED - ####
	CHECKED - YK	REVISED - ####
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####

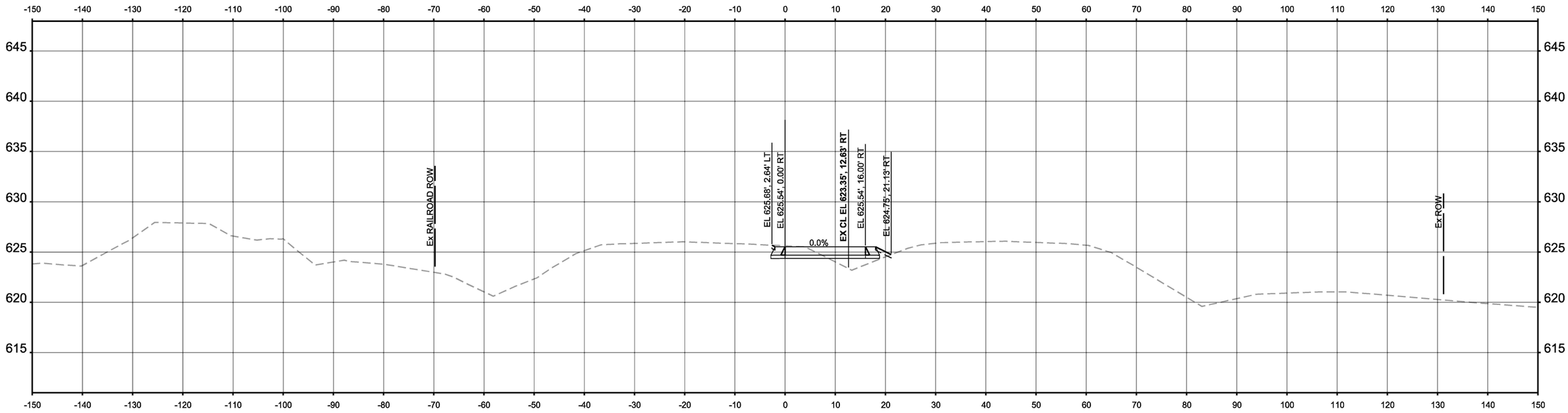
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

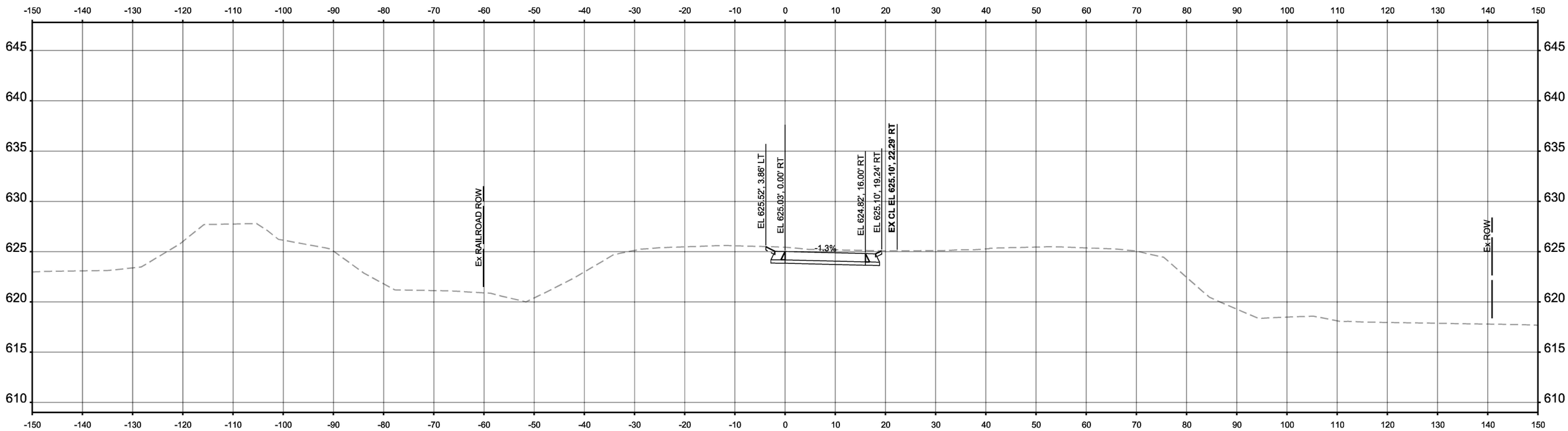
SCALE: 1"=10' | SHEET 39 OF 43 SHEETS | STA. 2+00.00 | TO STA. 3+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	60
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



STA 5+00.00



STA 4+00.00

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

Ardmore Roderick

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

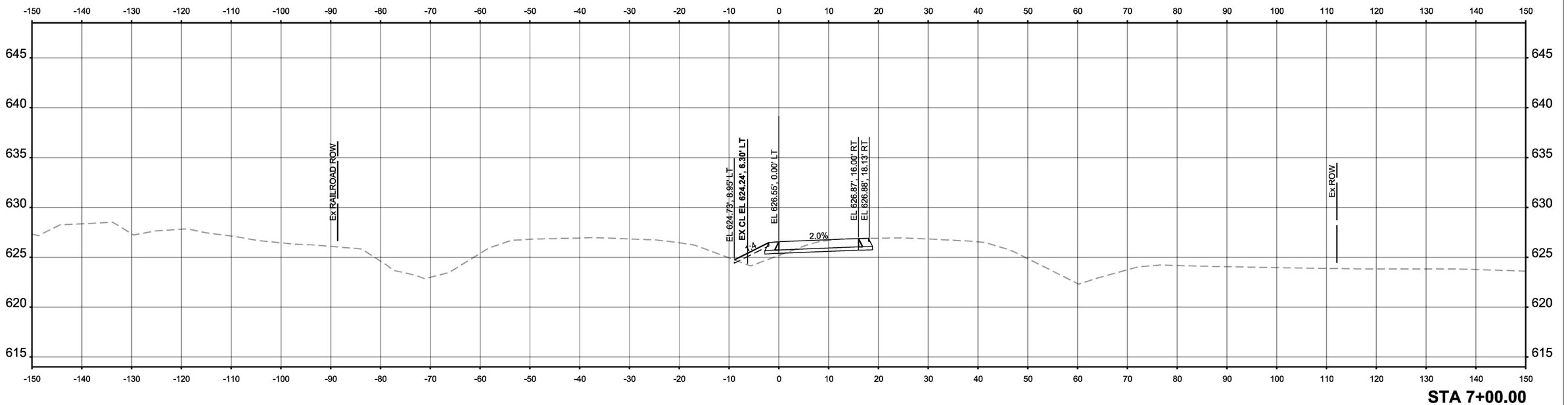
SCALE: 1"=10' | SHEET 40 OF 43 SHEETS | STA. 4+00.00 | TO STA. 5+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	61
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

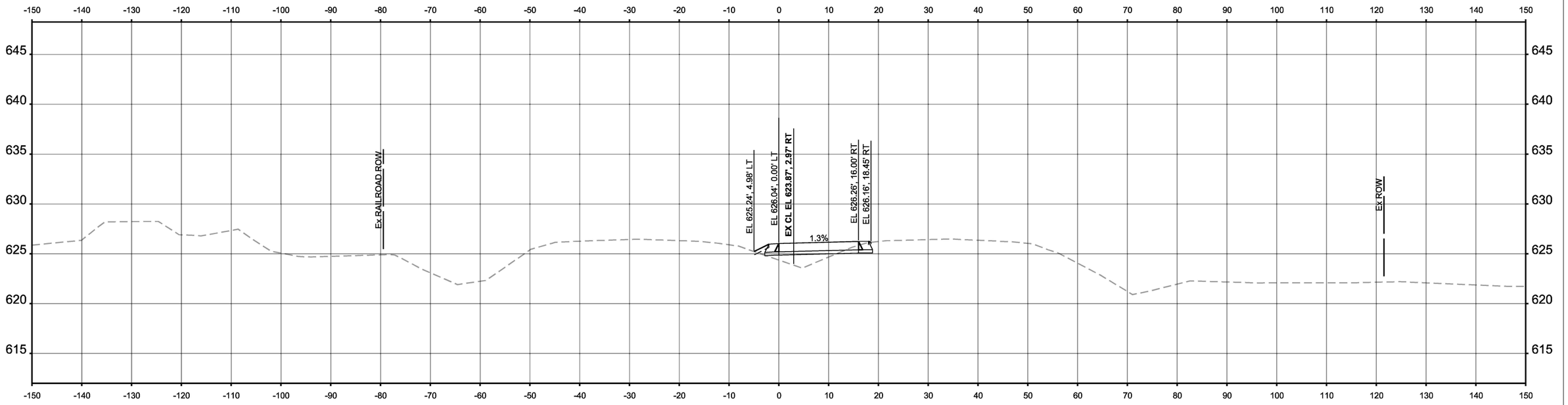
####

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

MODEL: N_Crossover_ST2_New - 4+00.00
FILE NAME: c:\pwworking\primeral\pwprod\jessner\d0ms55077\D1622P01-sht-MOT-Crossover-XSCs.dgn



STA 7+00.00



STA 6+00.00

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

BY	DATE

MODEL: N_Crossover_ST2_New - 6+00.00
FILE NAME: c:\pwworking\primeralpwprod\jessner\dms560771\D1162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####
	DRAWN - RW	REVISED - ####
	CHECKED - YK	REVISED - ####
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####

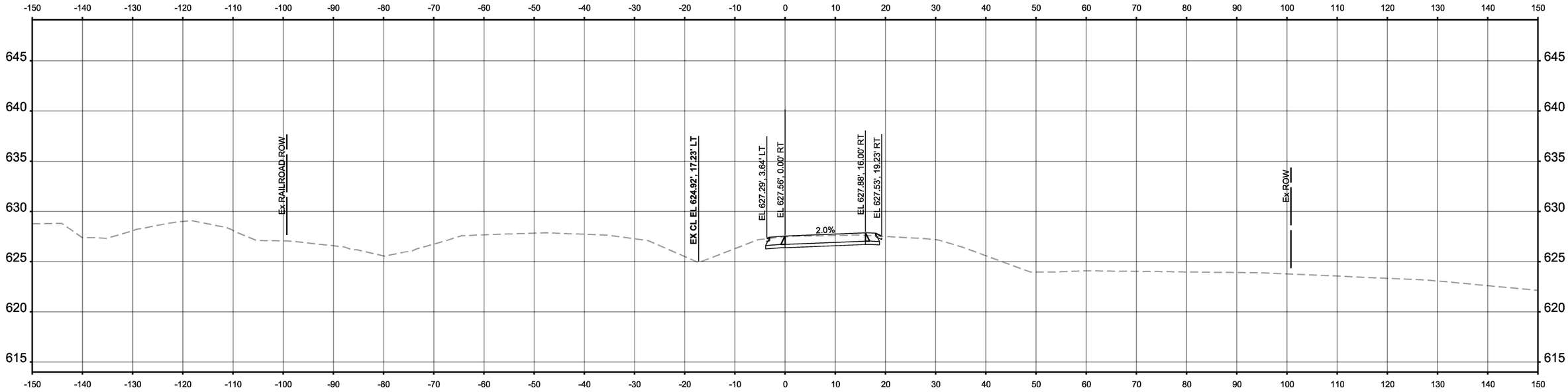
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

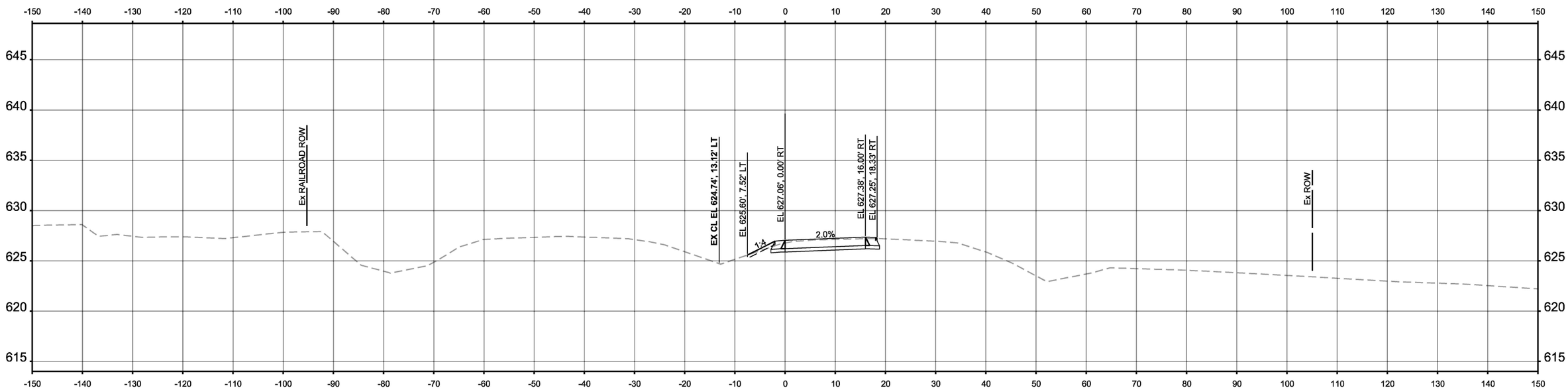
SCALE: 1"=10' | SHEET 41 OF 43 SHEETS | STA. 6+00.00 | TO STA. 7+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	62
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



STA 9+00.00



STA 8+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: N_Crossover_ST2_New - 8+00.00
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56077\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = JEssner	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 9/18/2025	DATE - 04/11/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

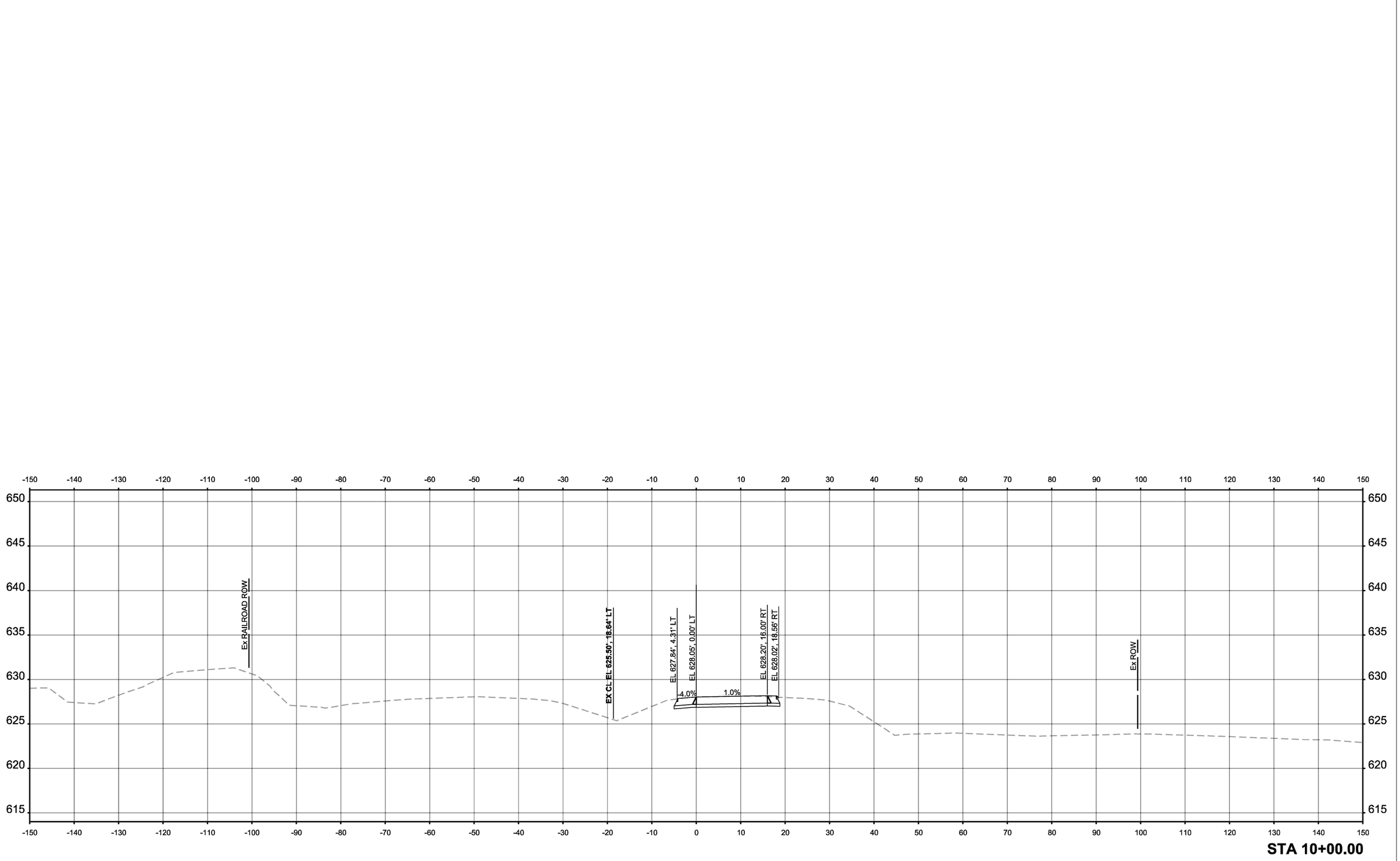
SCALE: 1"=10' | SHEET 42 OF 43 SHEETS | STA. 8+00.00 | TO STA. 9+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	63
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####

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

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



MODEL: N_Crossover_ST2_New - 10+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-MOT-Crossover-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RW	REVISED - ####	
	DRAWN - RW	REVISED - ####	
	CHECKED - YK	REVISED - ####	
PLOT DATE = 10/16/2025	DATE - 04/11/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC CROSS SECTIONS
STAGE 2 NORTH CROSSOVER

SCALE: 1"=10' | SHEET 43 OF 43 SHEETS | STA. 10+00.00 | TO STA. 10+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	64
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####

EROSION & SEDIMENT CONTROL GENERAL NOTES

1. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE PROVIDED TO PROTECT ROADWAY, ADJACENT PROPERTIES, AND WATER COURSES AS PER SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL.

4. ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, PRIOR TO ACCEPTANCE OF THE IMPROVEMENT. ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

6. A NOMINAL QUANTITY FOR ITEM Z0013797 STABILIZED CONSTRUCTION ENTRANCE HAS BEEN PROVIDED FOR INSTALLING AND MAINTAINING ENTRANCES SUBJECT TO APPROVAL BY THE ENGINEER.

7. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

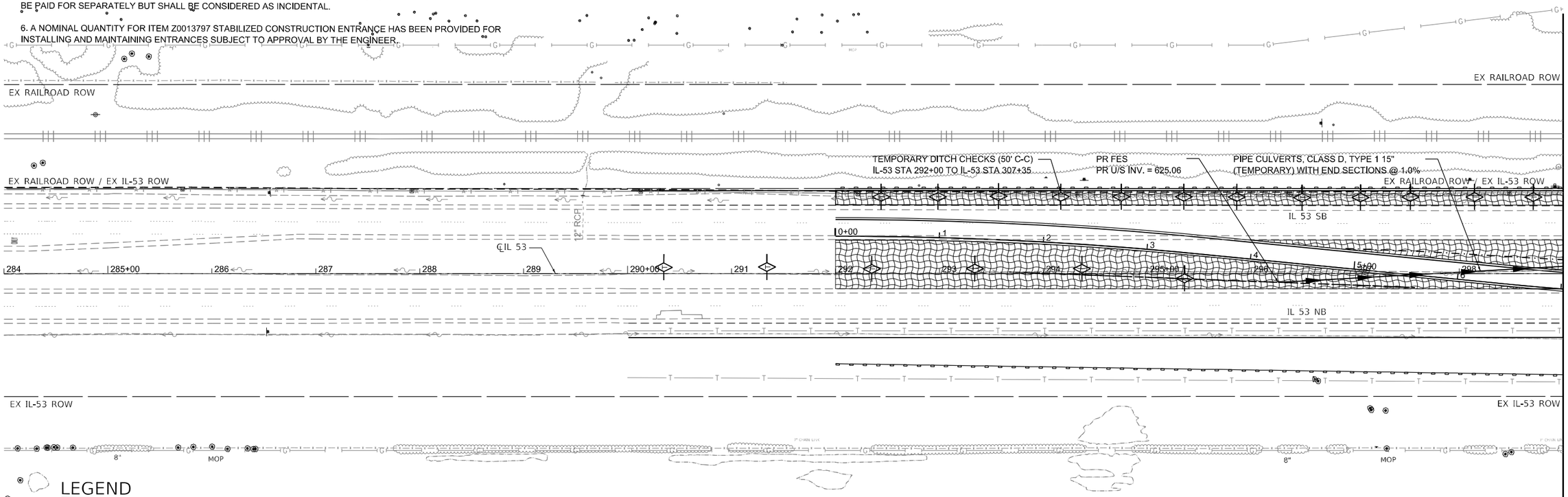
8. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

9. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

10. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (https://idot.illinois.gov/content/dam/soi/en/web/idot/documents/transportation- system/manuals-guides-and-handbooks/highways/environment/erosion-and-sediment-control- field-guide-forconstruction-inspection.pdf)

11. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION OR SEDIMENT CONTROLS FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION FROM THE ENGINEER AND SHALL REPAIR OR REPLACE THE REMOVED CONTROLS THE SAME DAY. THE COST OF REMOVING AND RE-INSTALLING THE DEVICE SHALL BE INCLUDED IN THE CONTRACT.

12. THE CONTRACTOR SHALL CONFINE CONSTRUCTION ACTIVITIES WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. AREAS OUTSIDE THE SHOWN CONSTRUCTION LIMITS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AND STABILIZED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.



LEGEND

- EROSION CONTROL BLANKET
  TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms589981D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	65
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

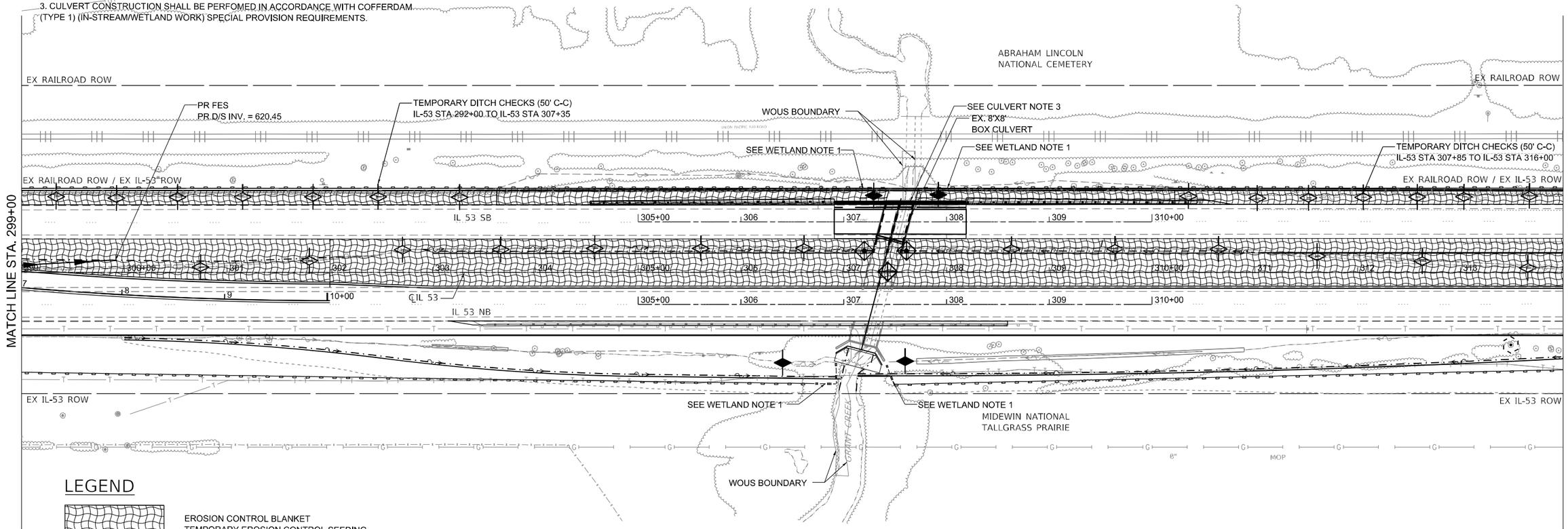
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



LEGEND

- EROSION CONTROL BLANKET / TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 2 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	66
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

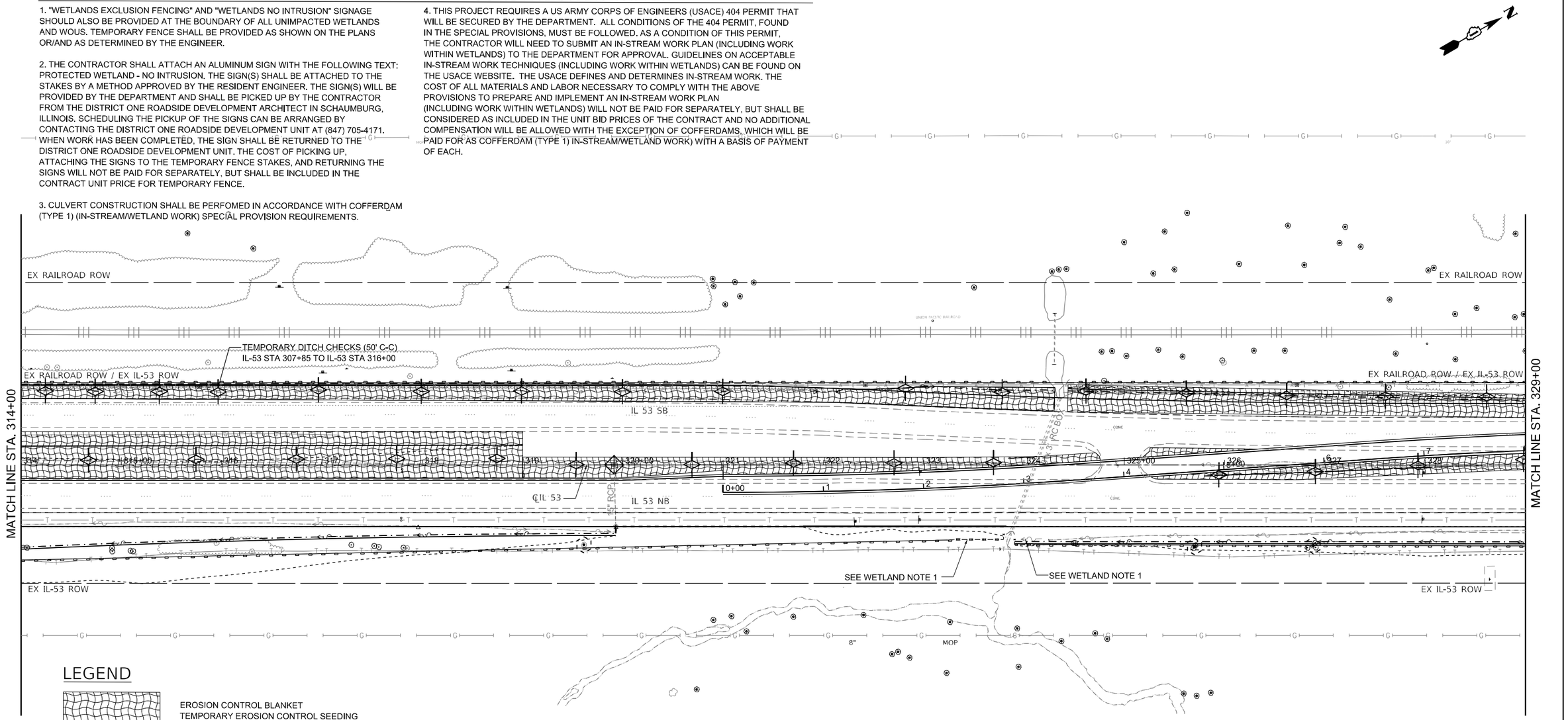
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



LEGEND

- EROSION CONTROL BLANKET / TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\jrtmeira\pwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 3 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	67
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

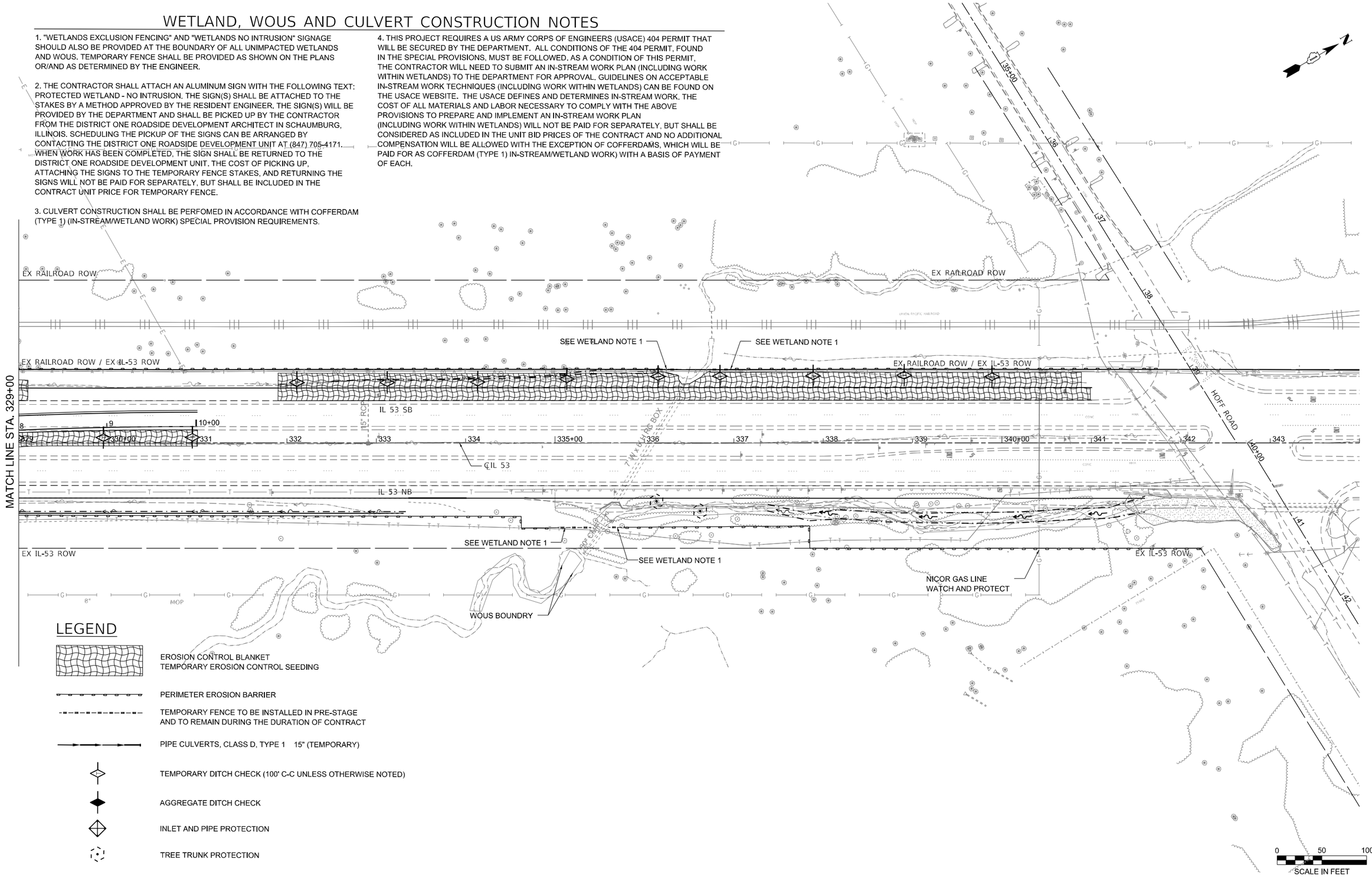
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



LEGEND

- EROSION CONTROL BLANKET
  TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

MODEL: Default
FILE NAME: c:\pwworking\primeralpwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH
SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -
	DRAWN - A.DURAN	REVISED -
	CHECKED - V.PELEGRIMAS	REVISED -
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 1

SCALE: 1" = 50' | SHEET 4 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	68
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

EROSION & SEDIMENT CONTROL GENERAL NOTES

1. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE PROVIDED TO PROTECT ROADWAY, ADJACENT PROPERTIES, AND WATER COURSES AS PER SECTION 280 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

2. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

3. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL.

4. ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY, PRIOR TO ACCEPTANCE OF THE IMPROVEMENT. ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

6. A NOMINAL QUANTITY FOR ITEM Z0013797 STABILIZED CONSTRUCTION ENTRANCE HAS BEEN PROVIDED FOR INSTALLING AND MAINTAINING ENTRANCES SUBJECT TO APPROVAL BY THE ENGINEER.

7. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

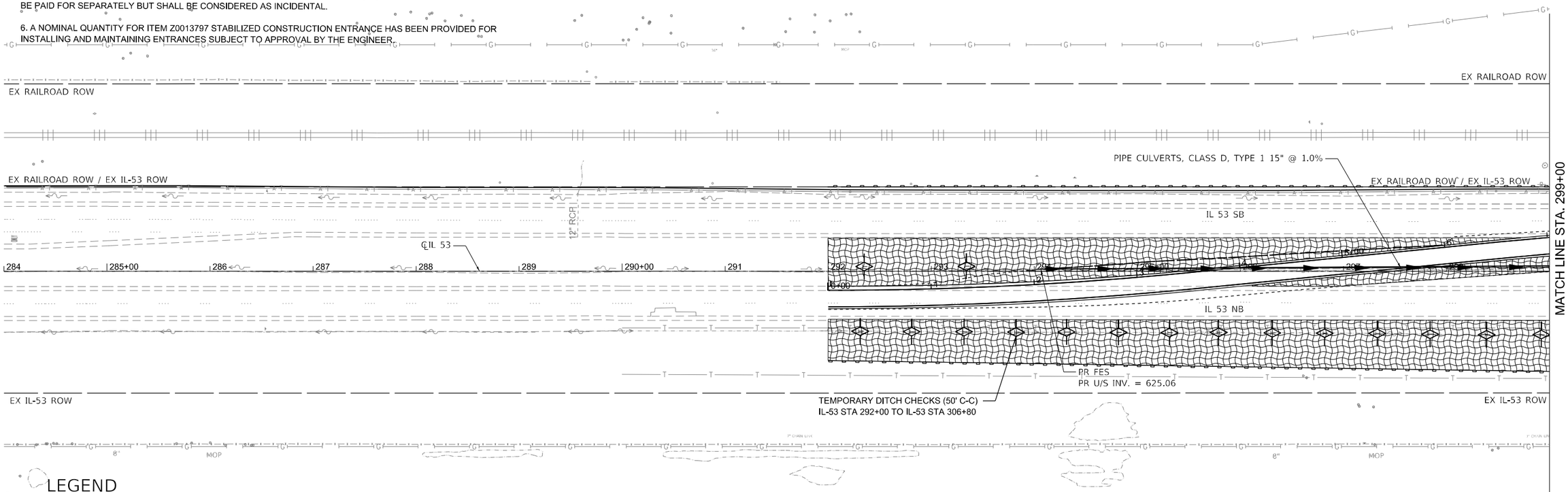
8. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

9. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

10. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (https://idot.illinois.gov/content/dam/soi/en/web/idot /documents/transportation- system/manuals-guides-and-handbooks/highways/environment/erosion -and-sediment-control- field-guide-forconstruction-inspection.pdf)

11. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION OR SEDIMENT CONTROLS FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION FROM THE ENGINEER AND SHALL REPAIR OR REPLACE THE REMOVED CONTROLS THE SAME DAY. THE COST OF REMOVING AND RE-INSTALLING THE DEVICE SHALL BE INCLUDED IN THE CONTRACT.

12. THE CONTRACTOR SHALL CONFINE CONSTRUCTION ACTIVITIES WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. AREAS OUTSIDE THE SHOWN CONSTRUCTION LIMITS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AND STABILIZED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.



LEGEND

- EROSION CONTROL BLANKET / TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 5 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	69
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

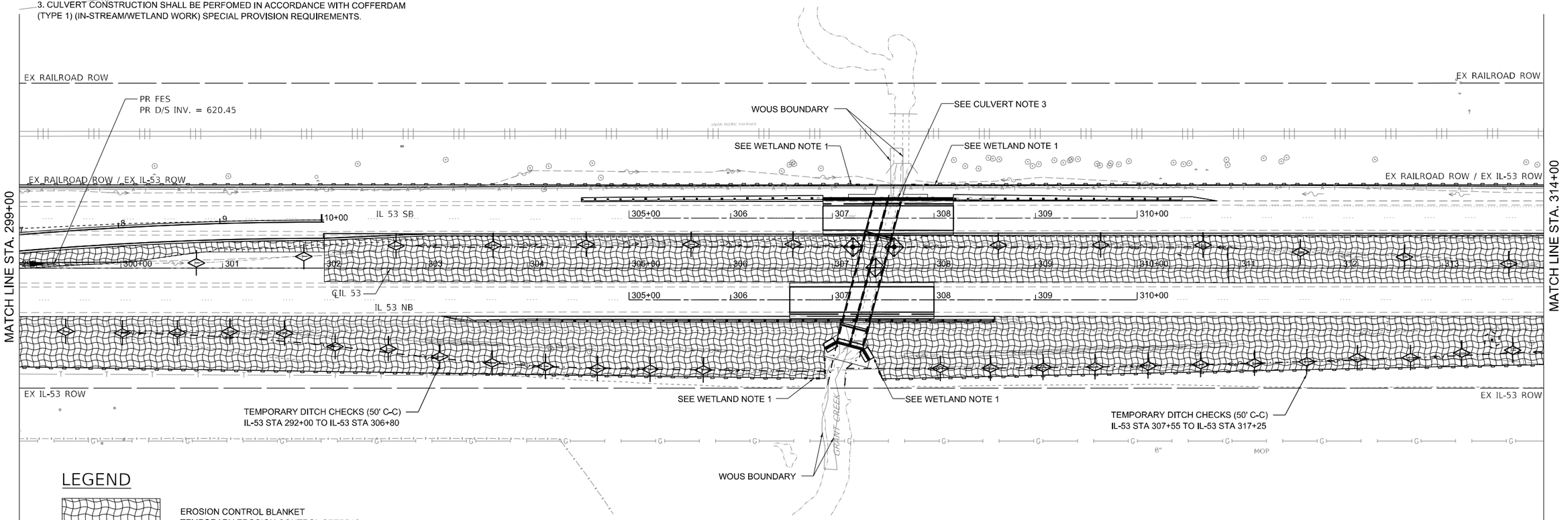
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



LEGEND

- EROSION CONTROL BLANKET
  TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT
- PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)
- TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)
- AGGREGATE DITCH CHECK
- INLET AND PIPE PROTECTION
- TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\primeral\pwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 6 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	70
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

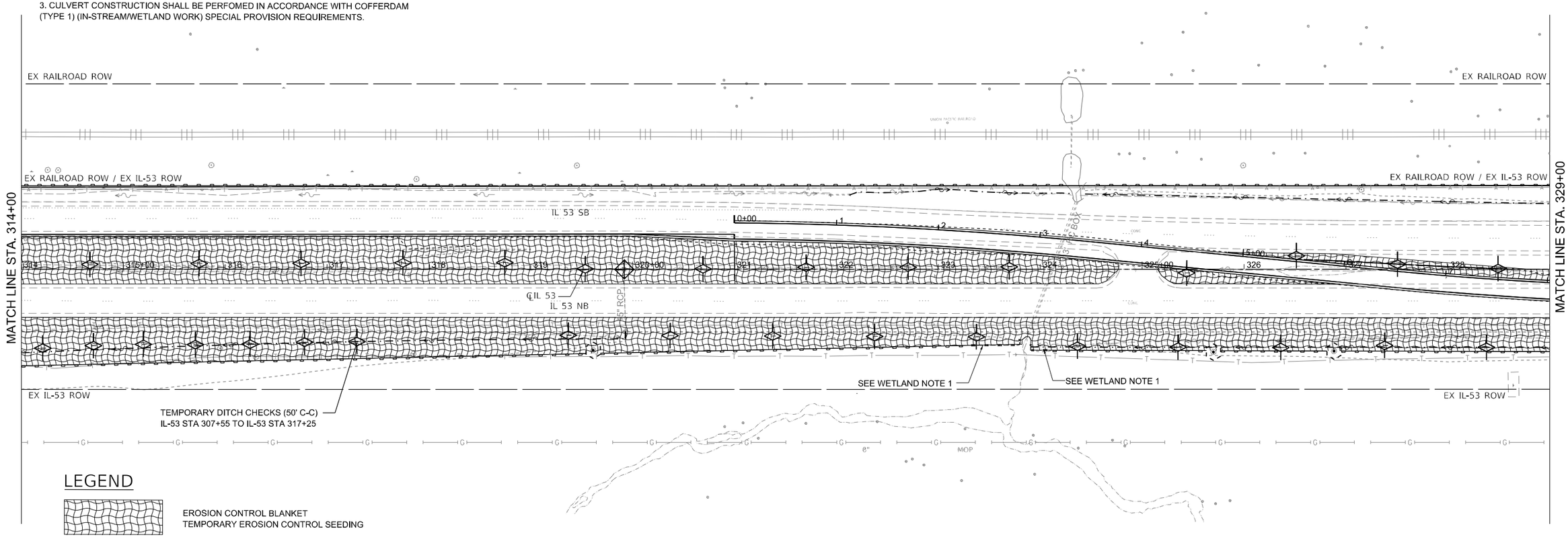
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



LEGEND

EROSION CONTROL BLANKET
TEMPORARY EROSION CONTROL SEEDING

PERIMETER EROSION BARRIER

TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE AND TO REMAIN DURING THE DURATION OF CONTRACT

PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)

TEMPORARY DITCH CHECK (100' C-C UNLESS OTHERWISE NOTED)

AGGREGATE DITCH CHECK

INLET AND PIPE PROTECTION

TREE TRUNK PROTECTION

0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms58998\D162P01-border-ESC.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 7 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	71
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

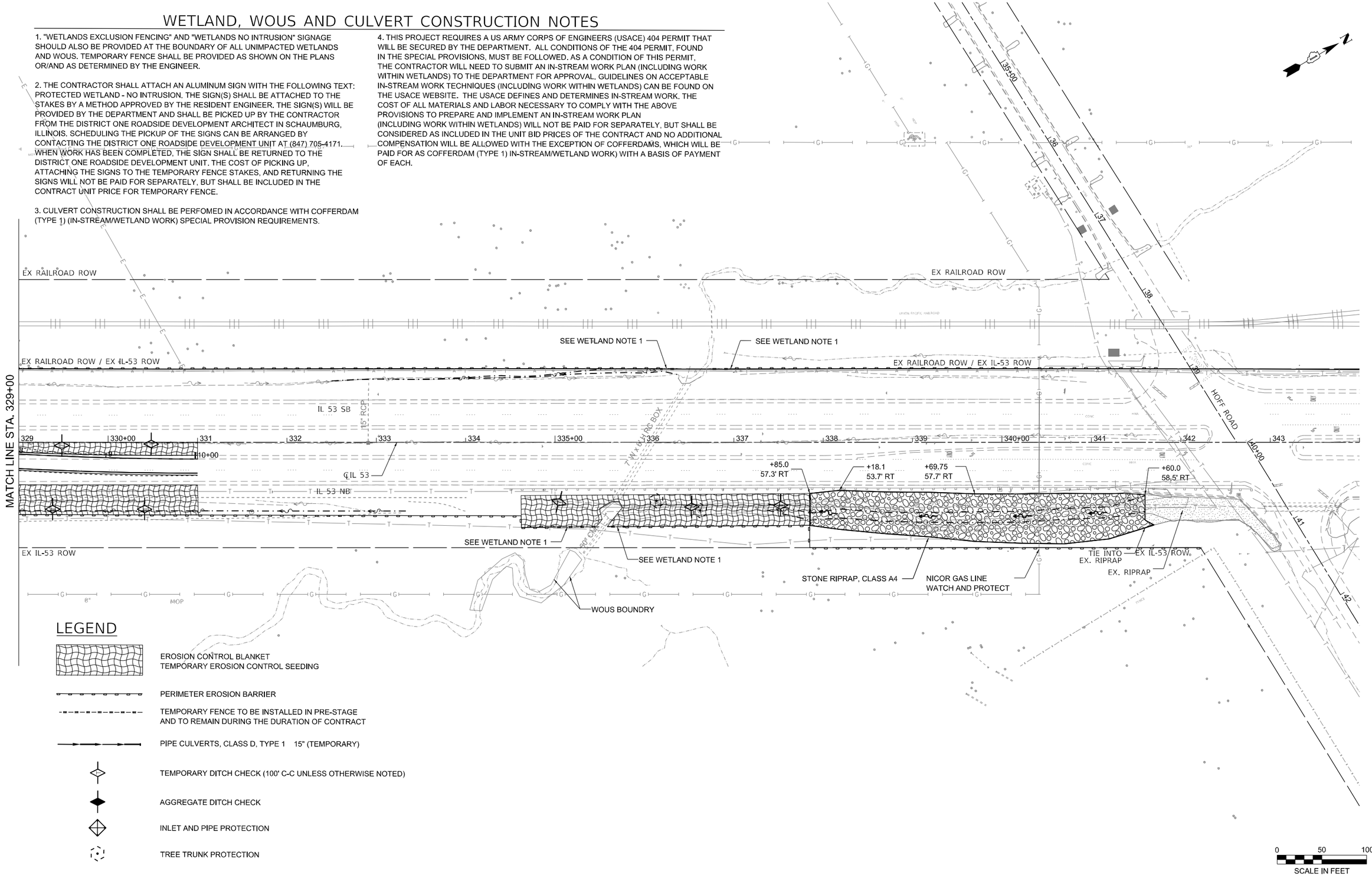
WETLAND, WOUS AND CULVERT CONSTRUCTION NOTES

1. "WETLANDS EXCLUSION FENCING" AND "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UNIMPACTED WETLANDS AND WOUS. TEMPORARY FENCE SHALL BE PROVIDED AS SHOWN ON THE PLANS OR/AND AS DETERMINED BY THE ENGINEER.

2. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE RESIDENT ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES, AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

3. CULVERT CONSTRUCTION SHALL BE PERFOMED IN ACCORDANCE WITH COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) SPECIAL PROVISION REQUIREMENTS.

4. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS, WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.



MODEL: Default
FILE NAME: c:\pwworking\primeralpwprod\aduran\dms58998\D162P01-bordee-ESC.dgn

SINGH
SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

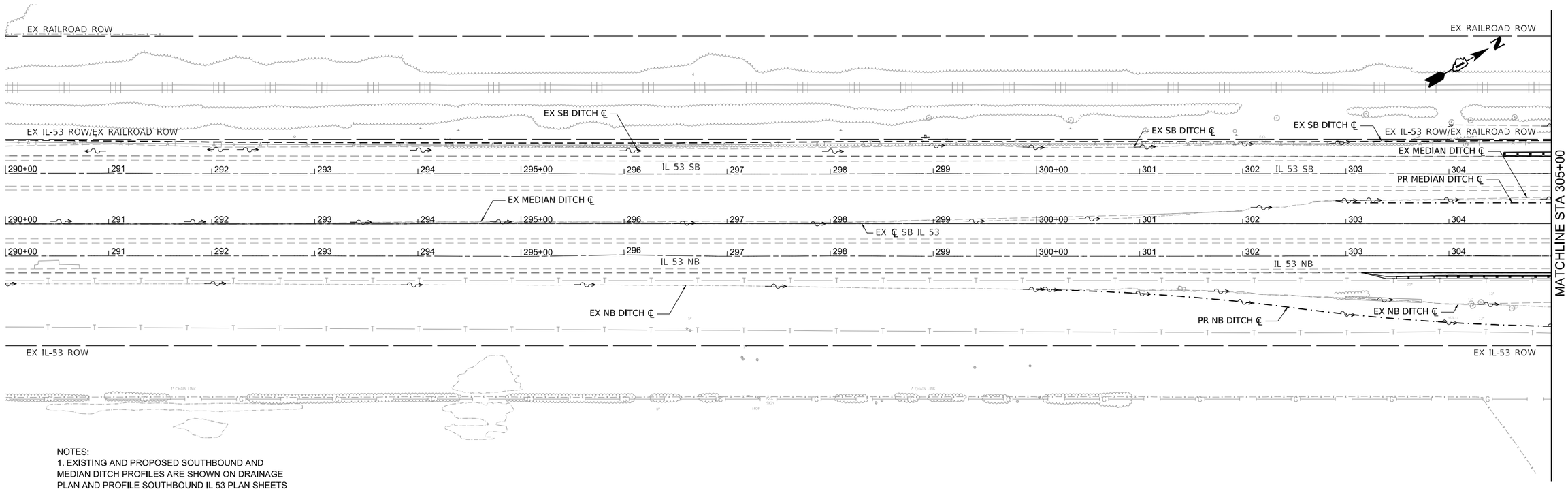
USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

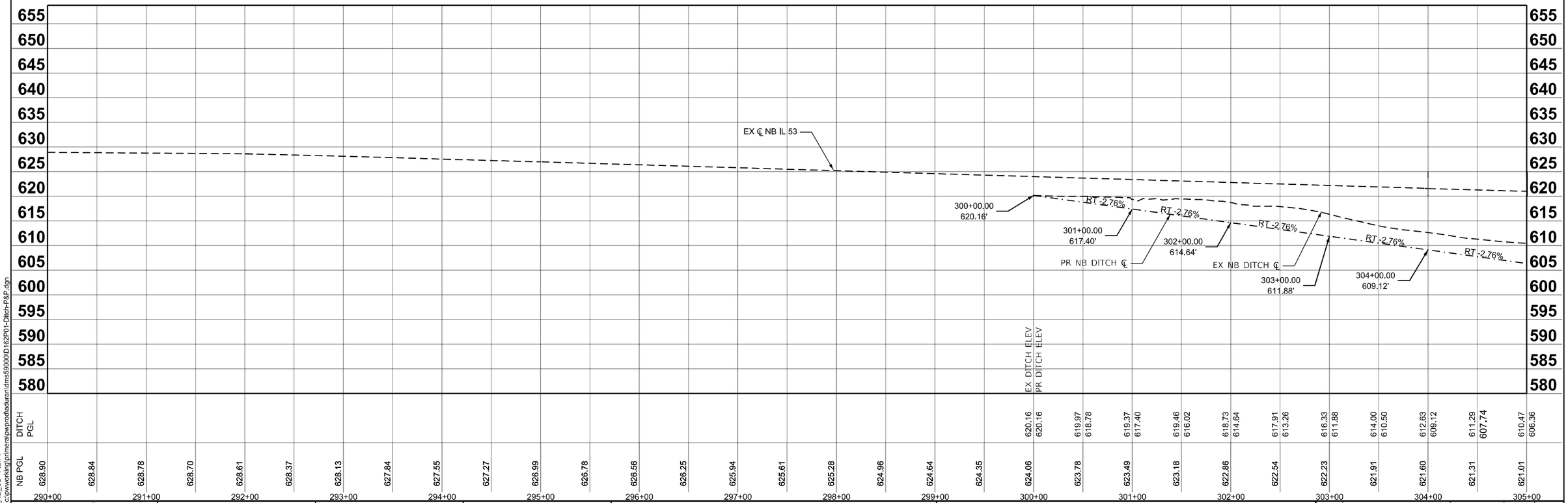
EROSION AND SEDIMENT CONTROL PLAN
STAGE 2

SCALE: 1" = 50' | SHEET 8 OF 8 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	72
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



NOTES:
1. EXISTING AND PROPOSED SOUTHBOUND AND MEDIAN DITCH PROFILES ARE SHOWN ON DRAINAGE PLAN AND PROFILE SOUTHBOUND IL 53 PLAN SHEETS



MODEL: EX_NB_CL - Plan 1
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

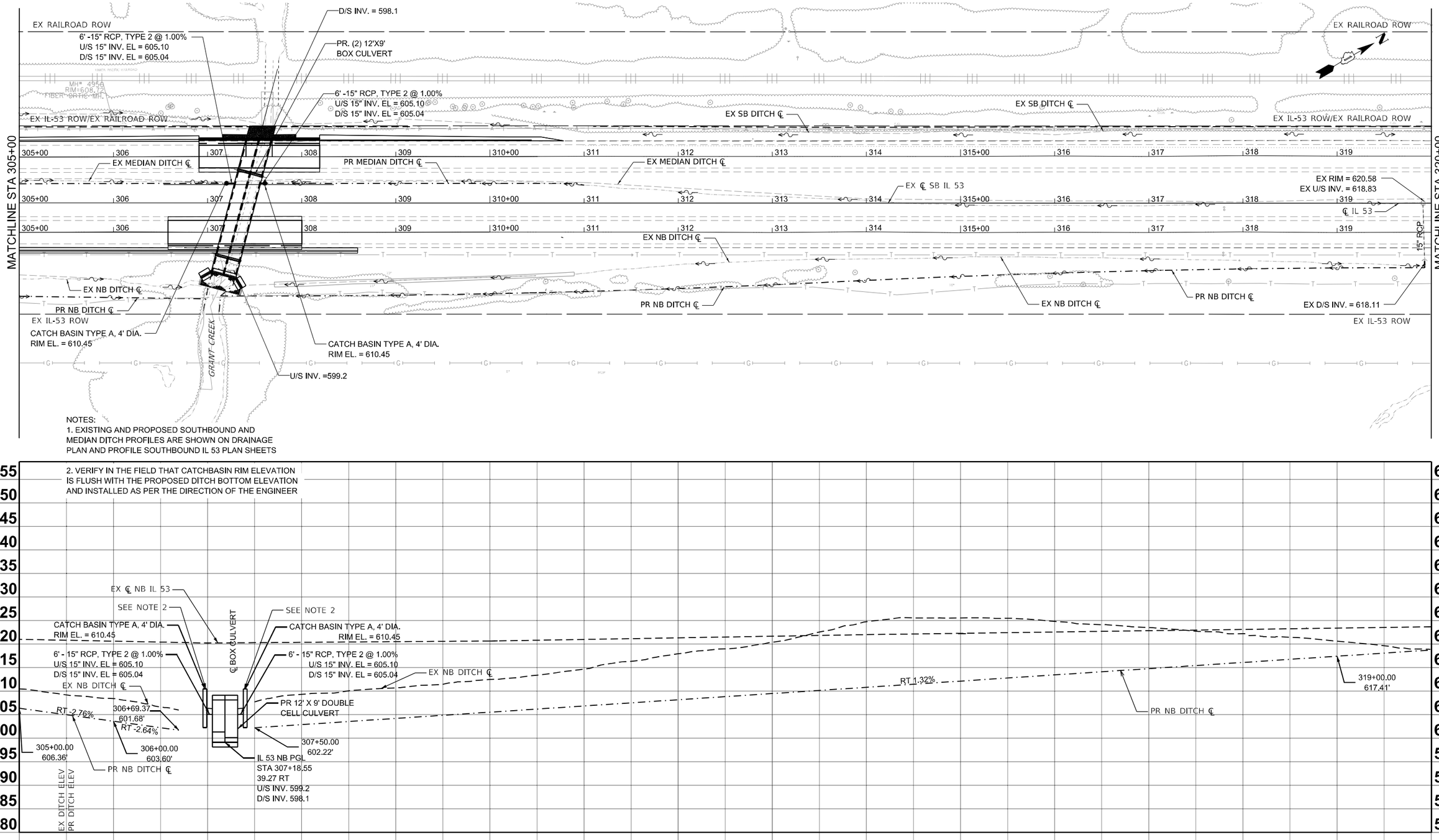
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
NORTHBOUND IL 53

SCALE: 1"=50' | SHEET 1 OF 8 SHEETS | STA. 290+00.00 | TO STA. 305+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	73
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



MODEL: EX_NB_CL - Plan 2
FILE NAME: c:\pwworking\grimera\pwprodaduran\dms5900\D162P01-Ditch-P&P.dgn

SINGH
SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

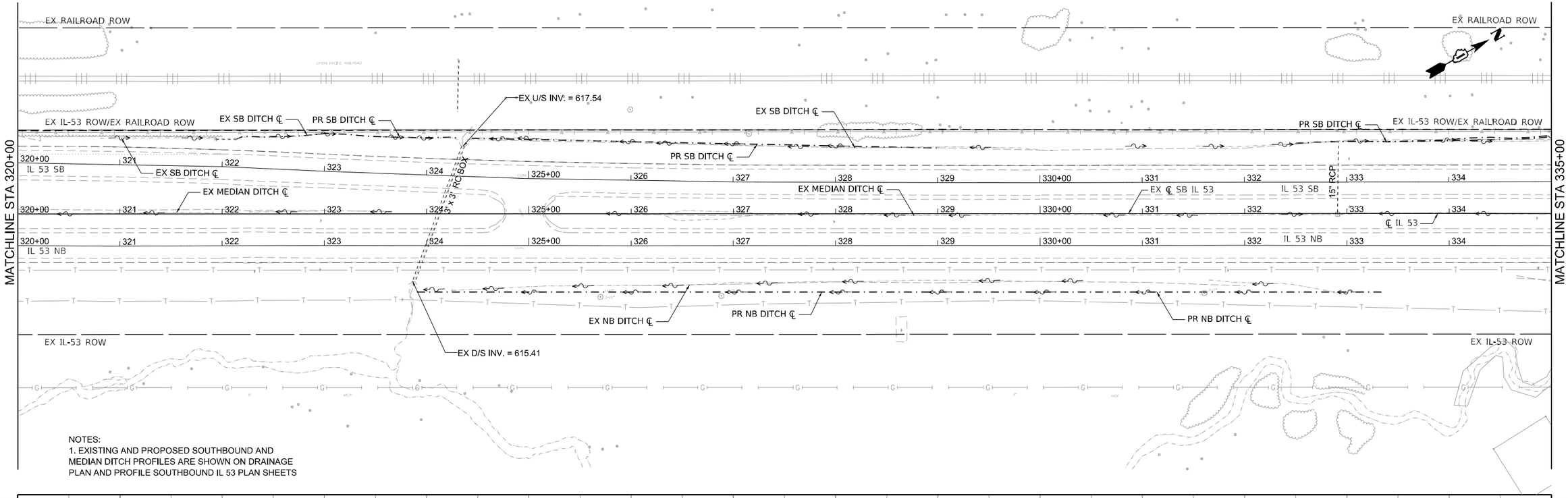
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

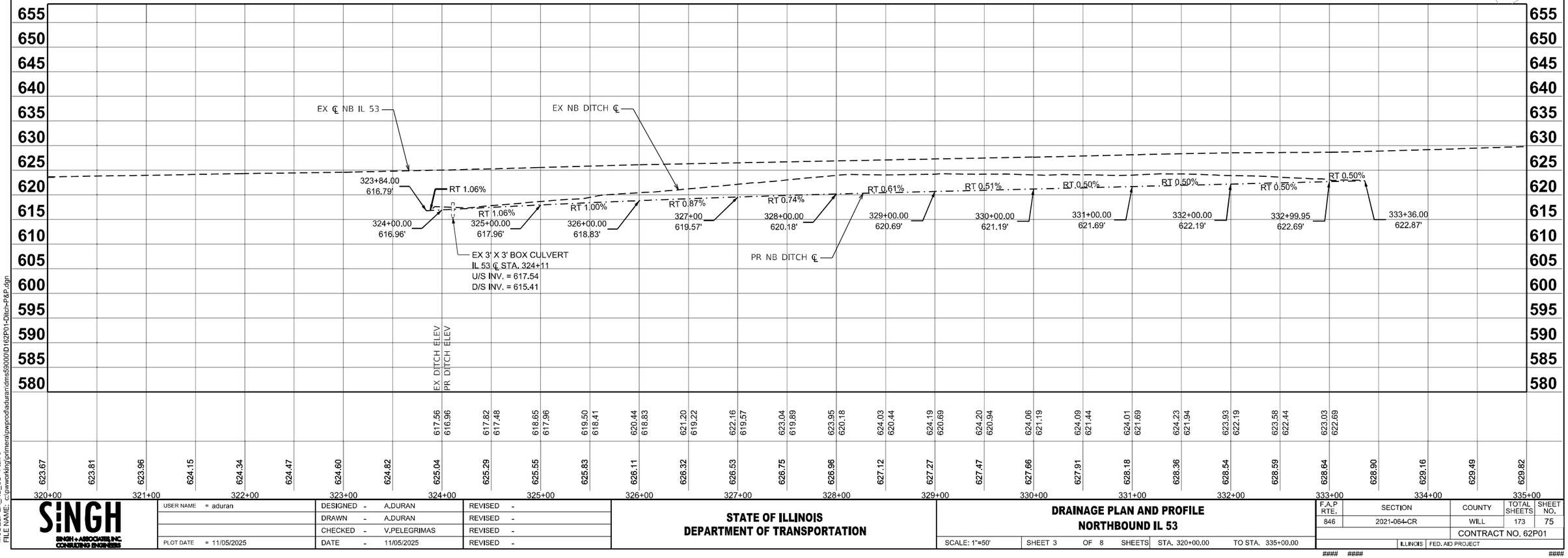
DRAINAGE PLAN AND PROFILE
NORTHBOUND IL 53

SCALE: 1"=50' | SHEET 2 OF 8 SHEETS | STA. 305+00.00 | TO STA. 320+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	74
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####





MODEL: EX_NB_CL - Plan 3
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

SINGH
SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

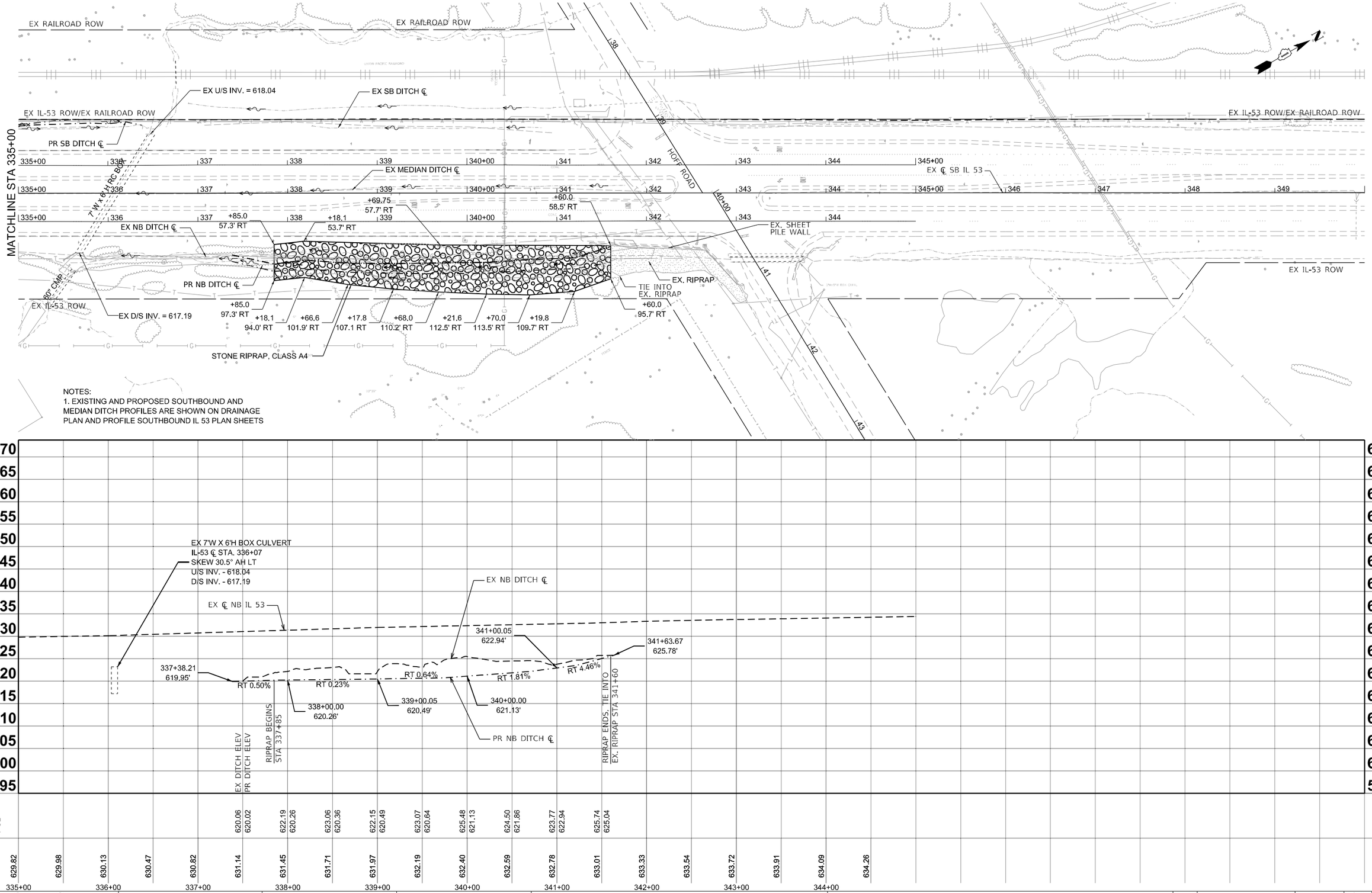
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
NORTHBOUND IL 53

SCALE: 1"=50' | SHEET 3 OF 8 SHEETS | STA. 320+00.00 | TO STA. 335+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	75
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



MODEL: EX_NB_CL - Plan 4
FILE NAME: c:\pw\working\primera\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

SINGH
SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
NORTHBOUND IL 53

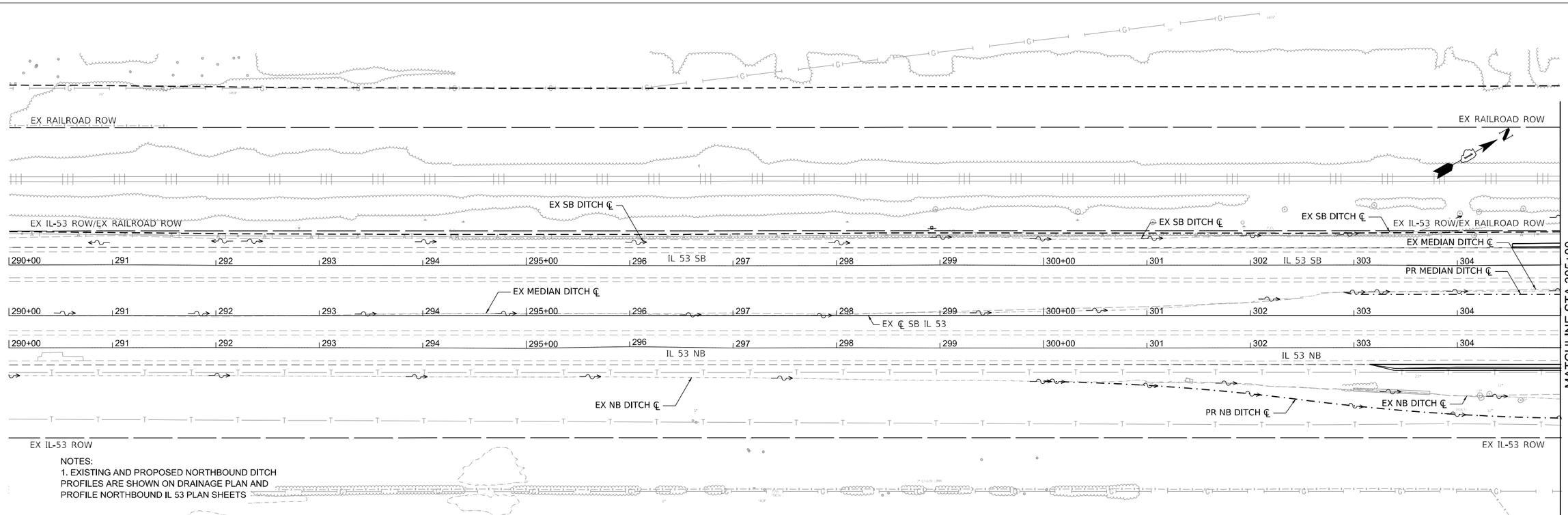
SCALE: 1"=50' | SHEET 4 OF 8 SHEETS | STA. 335+00.00 | TO STA. 350+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	76

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT

####



MODEL: SB_EX_CL Plan 1
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms59000\D1622P01-Ditch-P&P.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

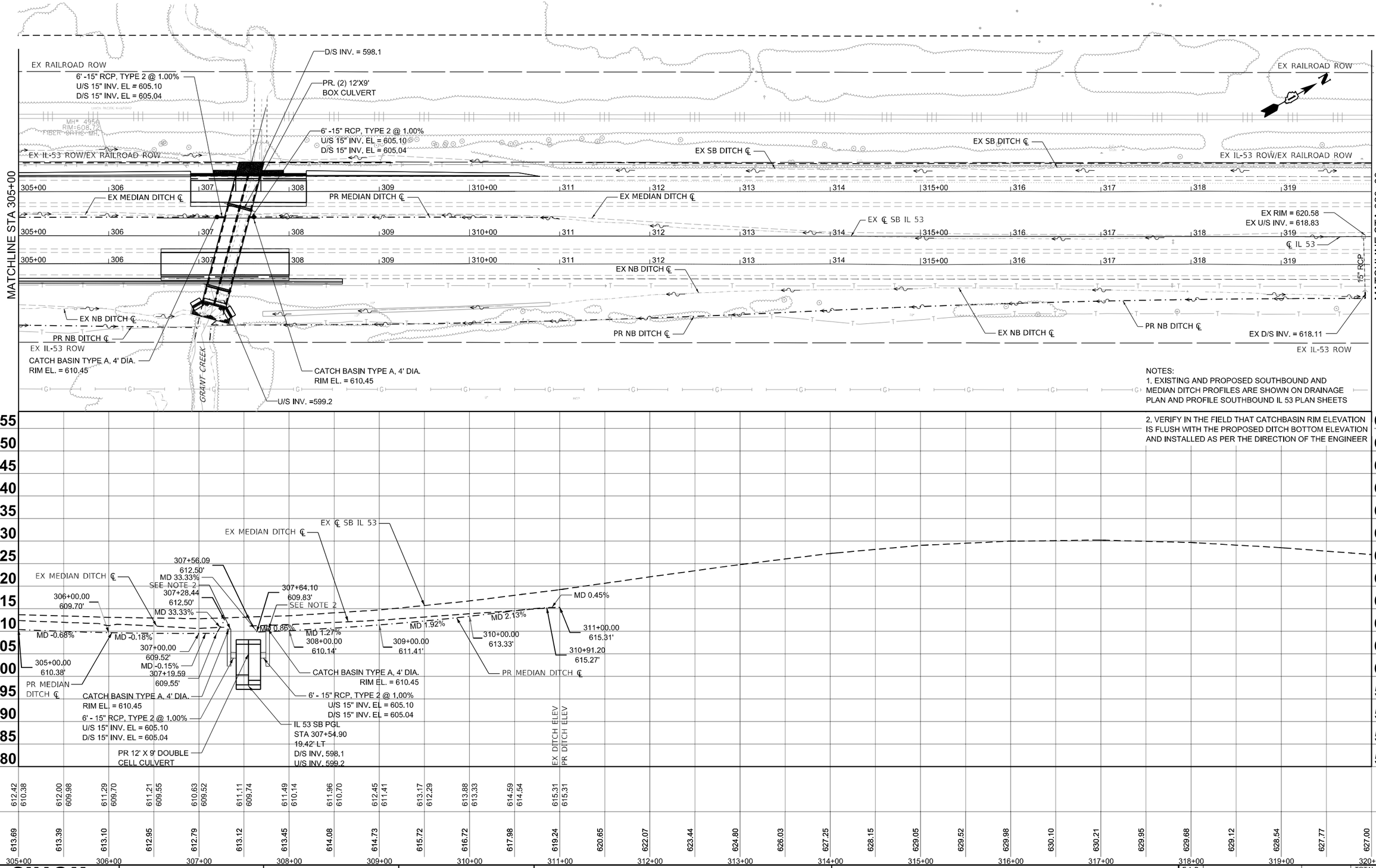
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
SOUTHBOUND IL 53

SCALE: 1"=50' | SHEET 5 OF 8 SHEETS | STA. 290+00.00 | TO STA. 305+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	77
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

#####



MODEL: SB_EX_CL Plan 2
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

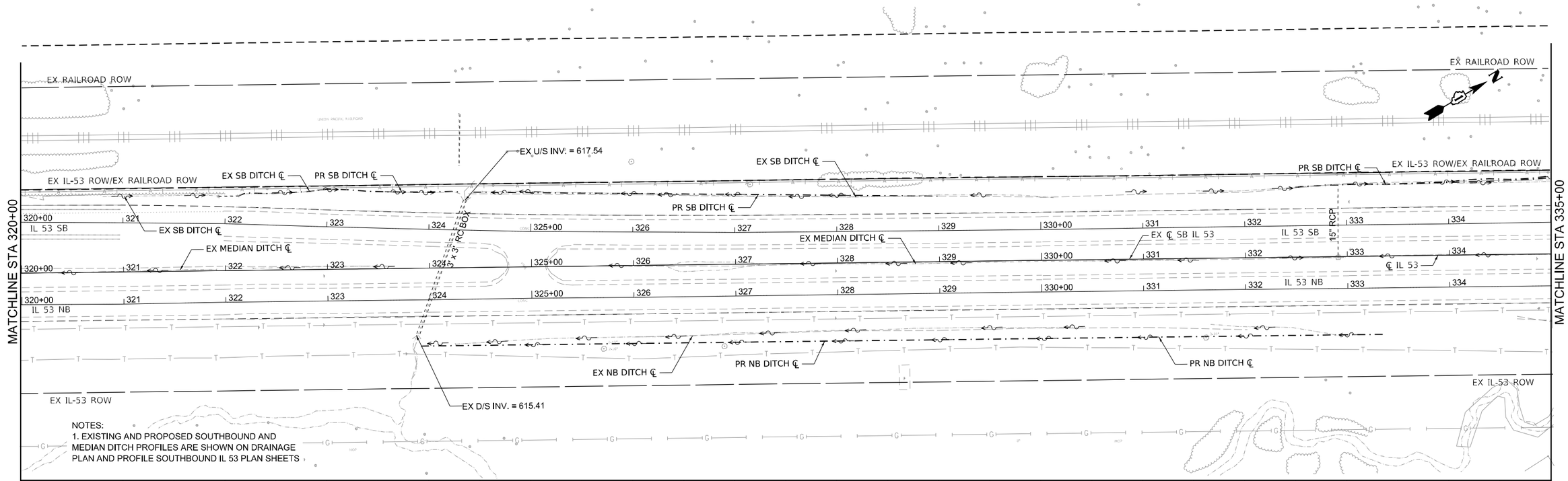
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

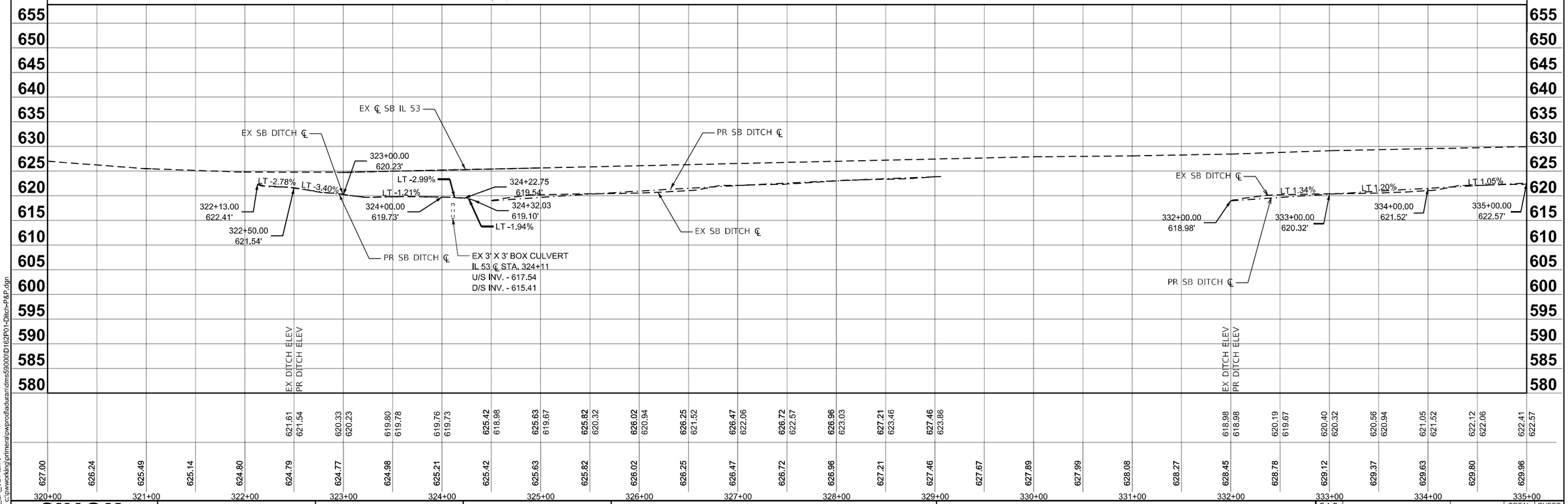
DRAINAGE PLAN AND PROFILE
SOUTHBOUND IL 53

SCALE: 1"=50' | SHEET 6 OF 8 SHEETS | STA. 305+00.00 | TO STA. 320+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	78
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####





MODEL: SB_EX_CL Plan 3
FILE NAME: c:\pwworking\primera\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

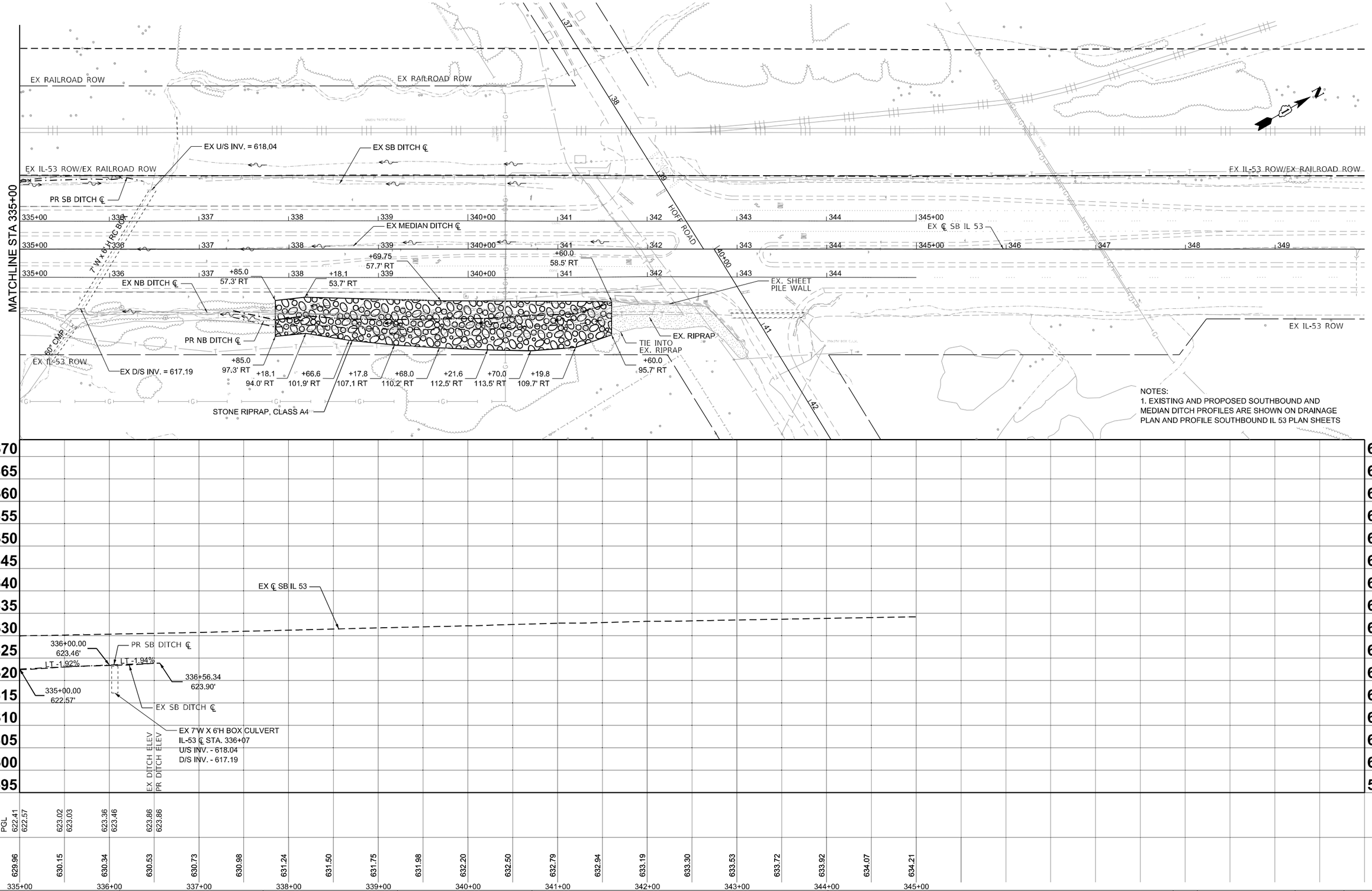
SINGH + ASSOCIATES, INC. CONSULTING ENGINEERS	USER NAME = aduran	DESIGNED - A.DURAN	REVISED -
		DRAWN - A.DURAN	REVISED -
		CHECKED - V.PELEGRIMAS	REVISED -
	PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
SOUTHBOUND IL 53

SCALE: 1"=50' | SHEET 7 OF 8 SHEETS | STA. 320+00.00 | TO STA. 335+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	79
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



MODEL: SB_EX_CL Plan 4
FILE NAME: c:\pwworking\primeral\pwprod\aduran\dms59000\D162P01-Ditch-P&P.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

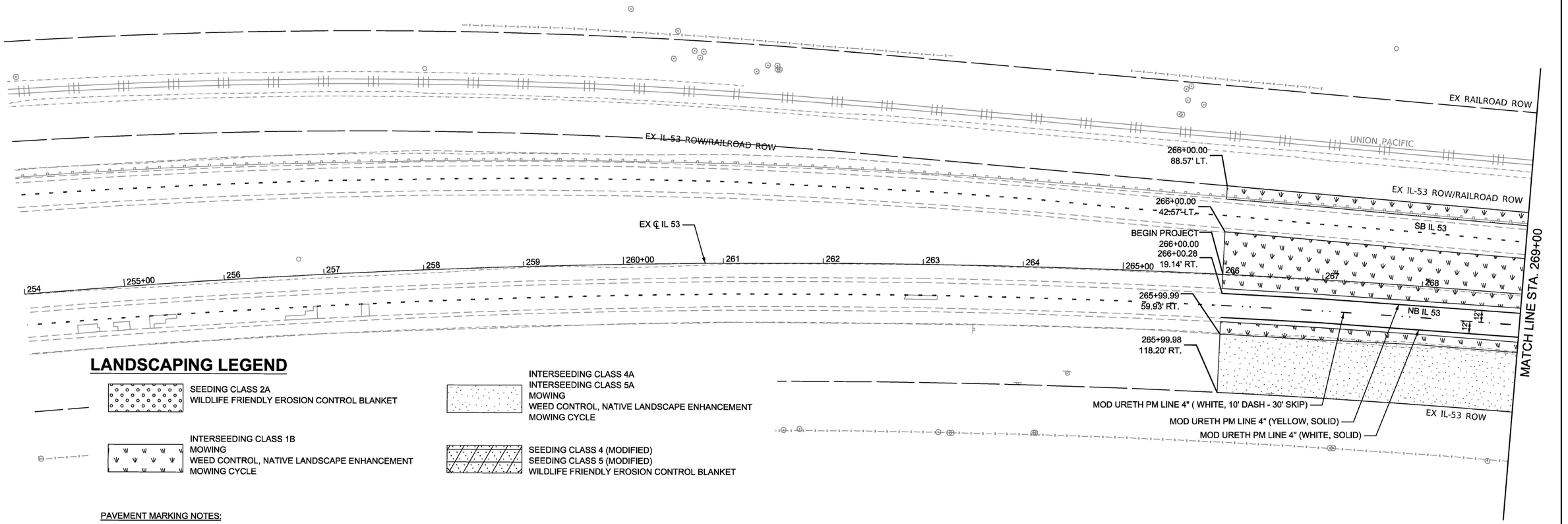
USER NAME = aduran	DESIGNED - A.DURAN	REVISED -	
	DRAWN - A.DURAN	REVISED -	
	CHECKED - V.PELEGRIMAS	REVISED -	
PLOT DATE = 11/05/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
SOUTHBOUND IL 53

SCALE: 1"=50' | SHEET 8 OF 8 SHEETS | STA. 335+00.00 | TO STA. 350+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	80
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:

1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

0 50 100
SCALE IN FEET

MODEL: ExCt_IL55 - PMK [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms58077\D1622P01-sht-PMK.dgn

Primera
650 W. JACKSON BLVD. SUITE 808 . CHICAGO IL 60661 P:312-986-9910 F:312-986-9415

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

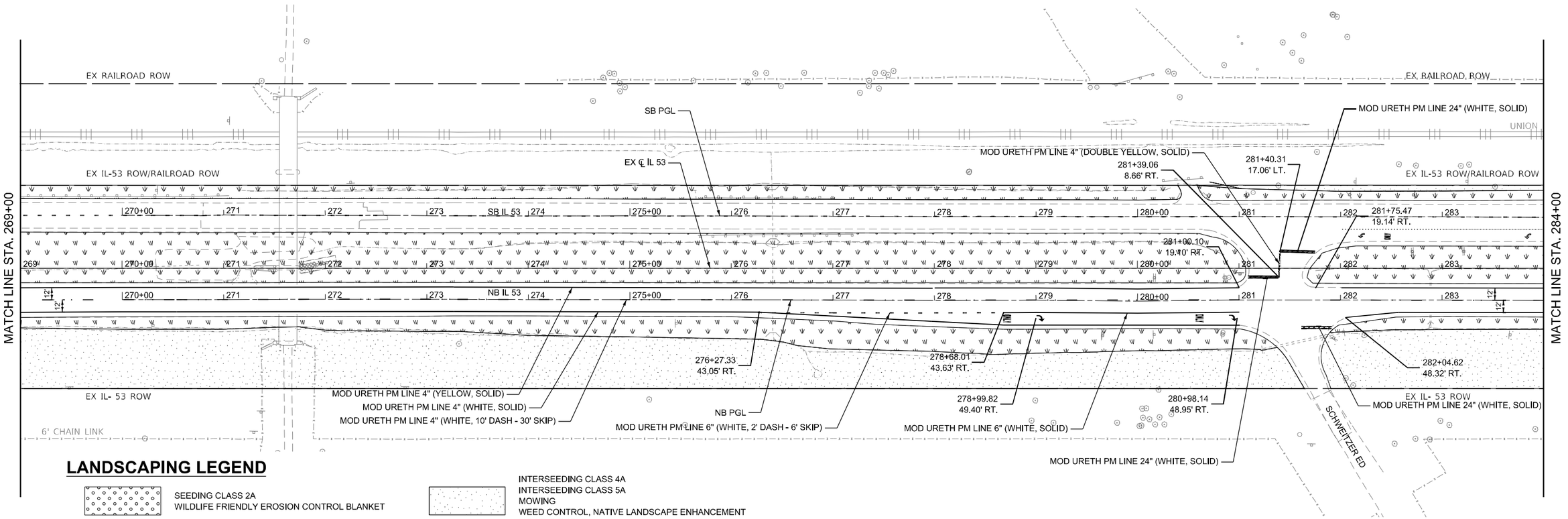
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 1 OF 7 SHEETS | STA. 254+00.00 | TO STA. 269+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	81
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

0 50 100
SCALE IN FEET

MODEL: ExCL_IL55 - PMK-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mgonzalez\dms56077\D162P01-sht-PMK.dgn

Primera
500 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P.312-986-0910 F.312-986-0915

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

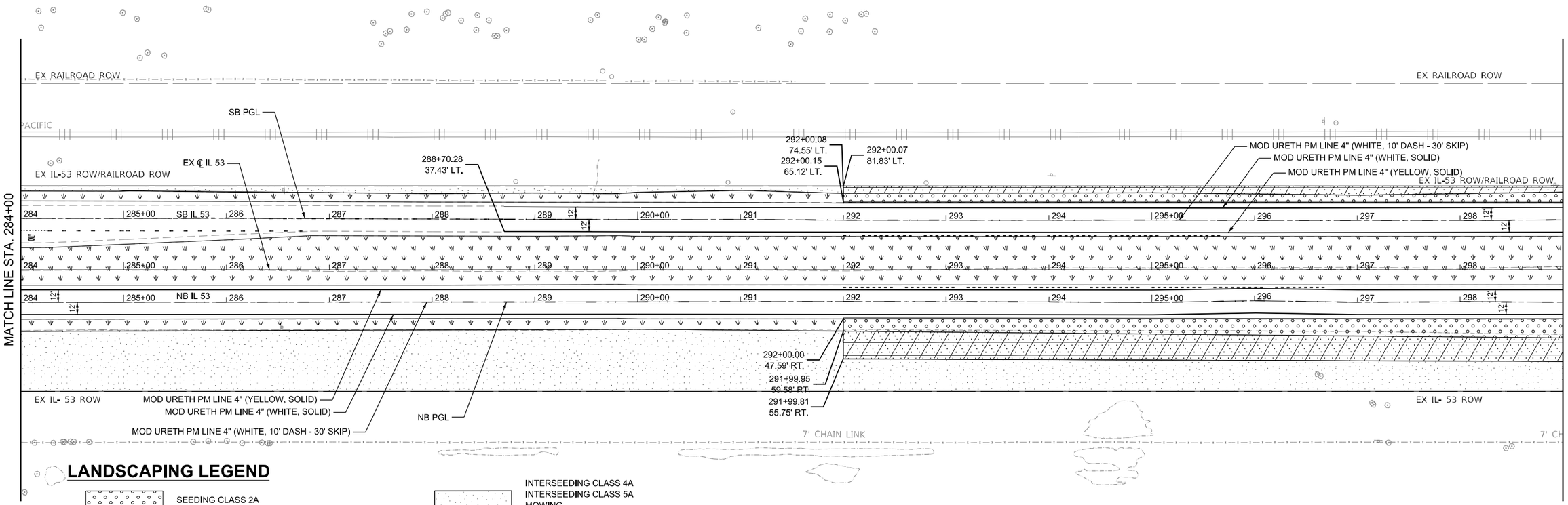
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 2 OF 7 SHEETS | STA. 269+00.00 | TO STA. 284+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	82
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

0 50 100
SCALE IN FEET

MODEL: EXCL_IL55 - PMK-2 [Sheet]
FILE NAME: c:\pwworking\ptmera\pwprod\mgonzalez\dms56077\D1t62P01-sht-PMK.dgn

Primera
150 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60661 P:312-086-0910 F:312-086-0415

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

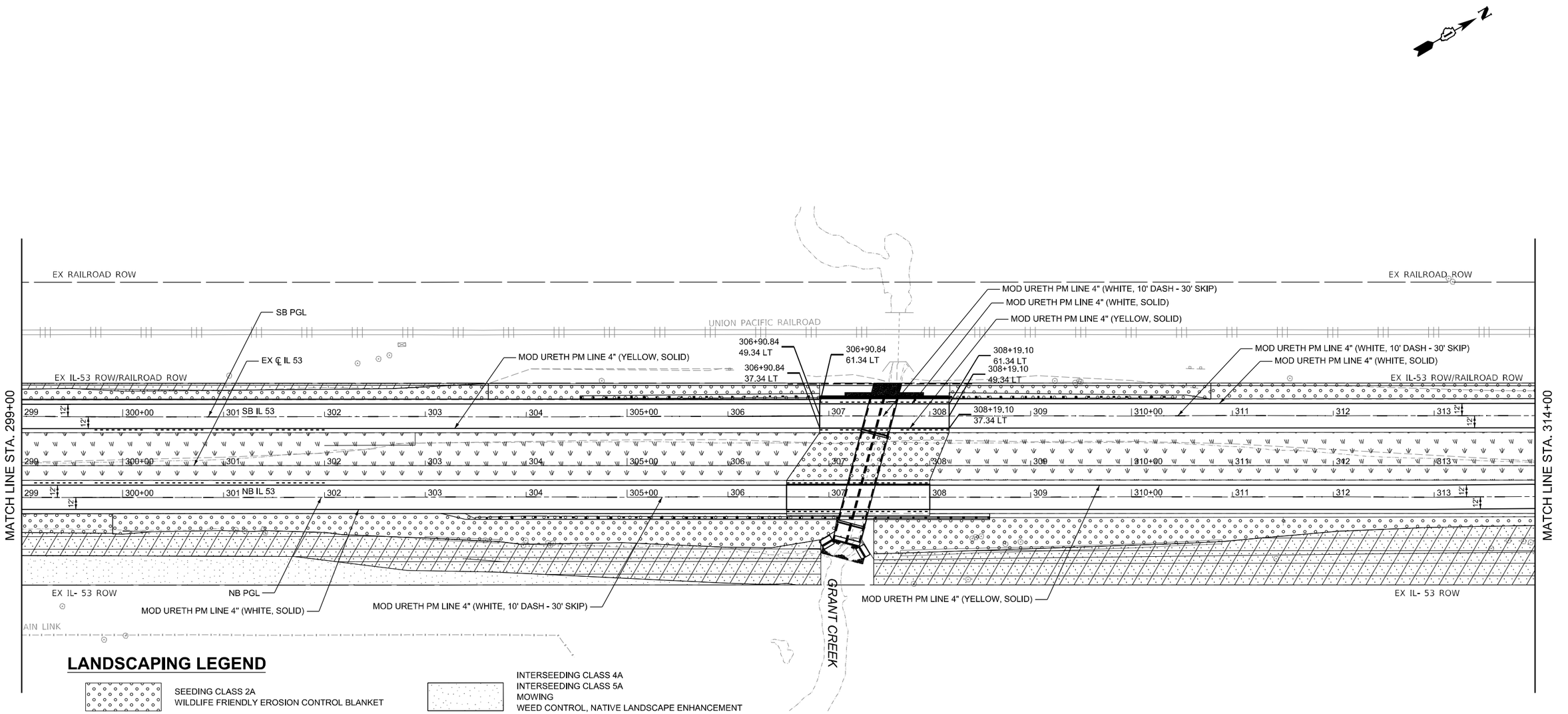
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 3 OF 7 SHEETS | STA. 284+00.00 | TO STA. 299+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	83
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

0 50 100
SCALE IN FEET

MODEL: ExCL_IL55 - PMK-3 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mgonzalez\dms56077\D162P01-sht-PMK.dgn

Primera
150 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-986-8910 F:312-986-8915

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

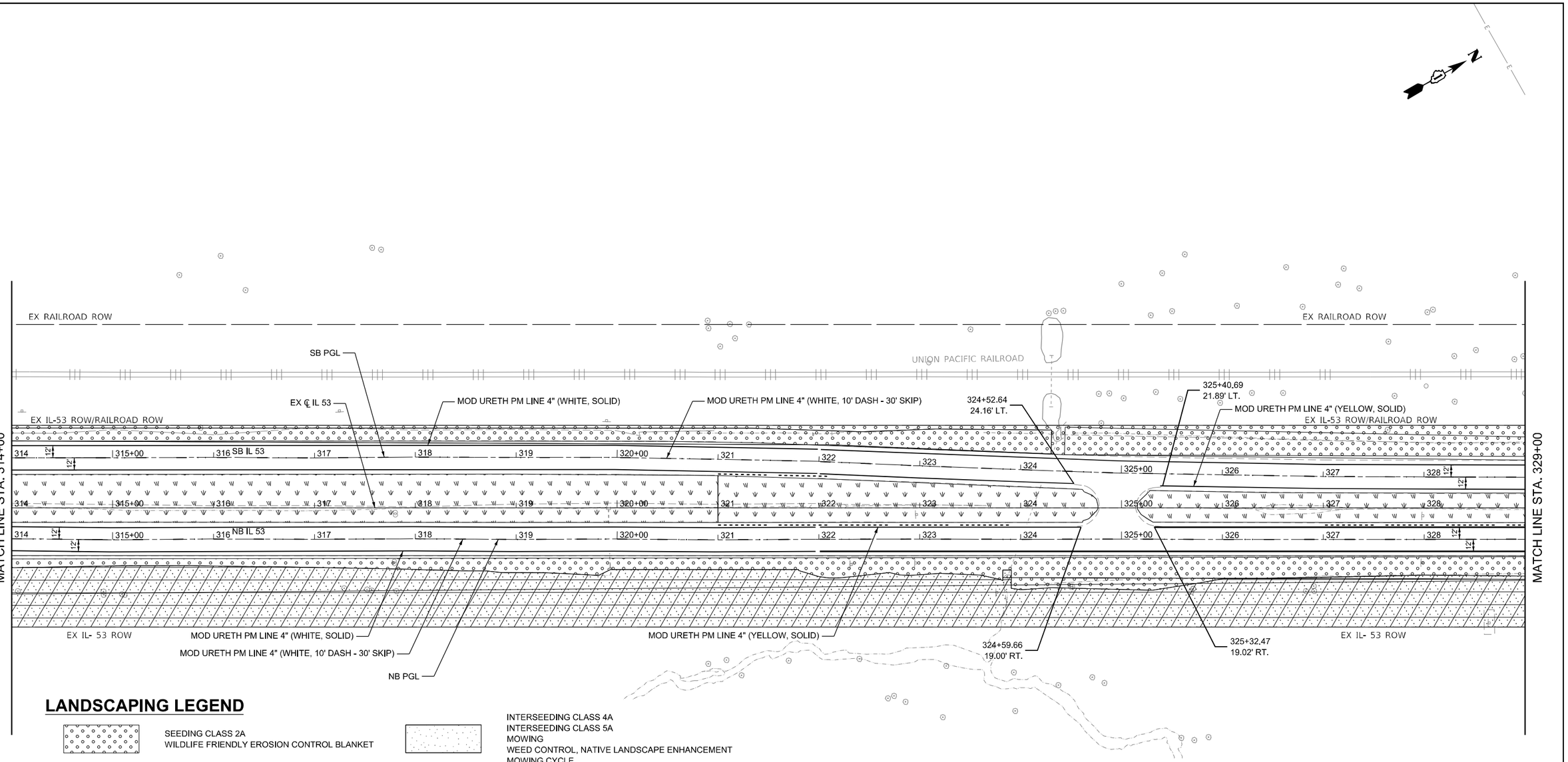
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 4 OF 7 SHEETS | STA. 299+00.00 | TO STA. 314+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	84
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

#####



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

0 50 100
SCALE IN FEET

MODEL: ExCL_IL55 - PMK-4 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mgonzalez\dms56077\D162P01-sht-PMK.dgn

Primera
650 W. JACKSON BLVD. SUITE 630 . CHICAGO IL 60661 P:312-986-0910 F:312-986-0915

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

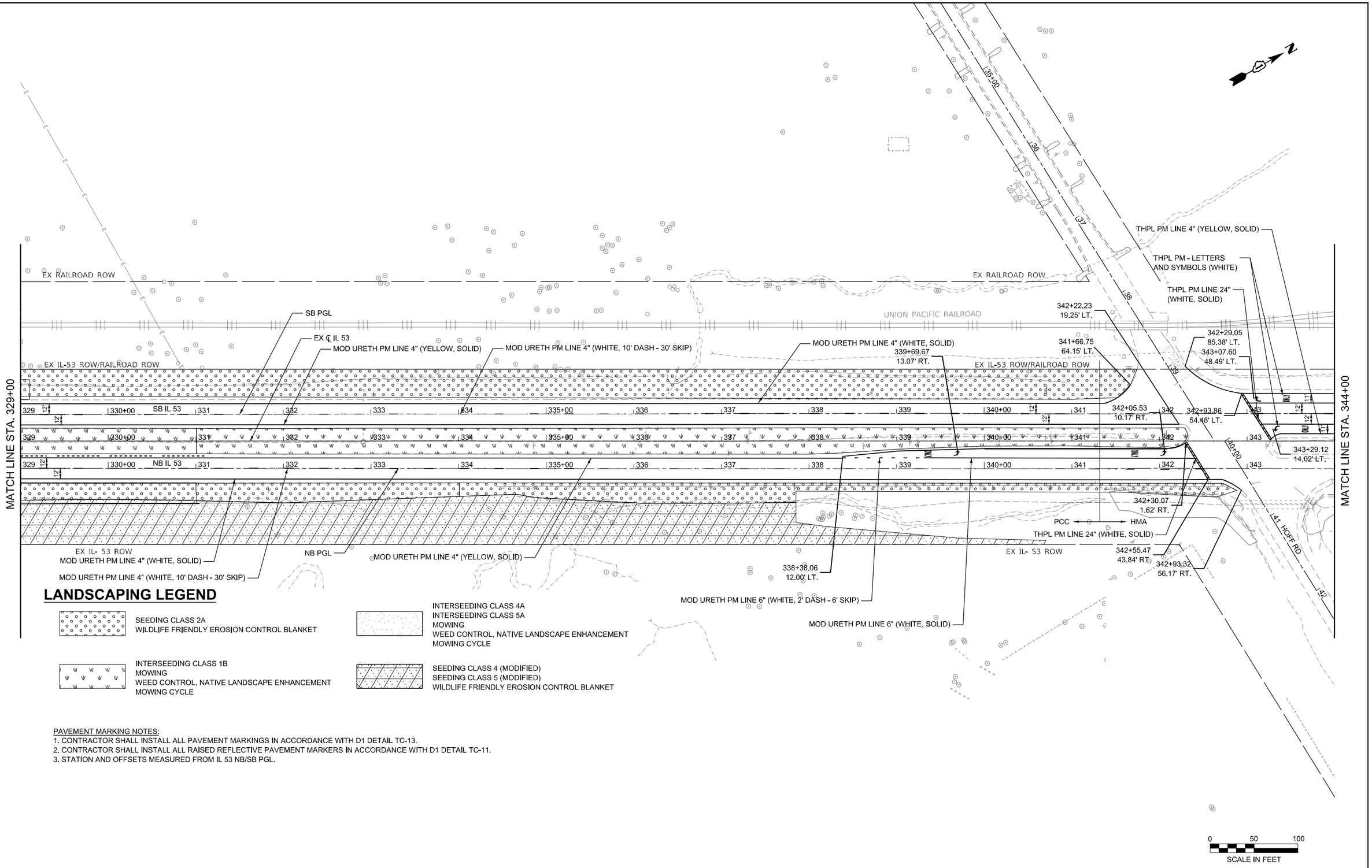
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 5 OF 7 SHEETS | STA. 314+00.00 | TO STA. 329+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	85
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

####



LANDSCAPING LEGEND

SEEDING CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

INTERSEEDING CLASS 1B
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

INTERSEEDING CLASS 4A
INTERSEEDING CLASS 5A
MOWING
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
MOWING CYCLE

SEEDING CLASS 4 (MODIFIED)
SEEDING CLASS 5 (MODIFIED)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET

PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

MODEL: ExCL_IL55 - PMK-5 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mgonzalez\dms56077\D162P01-sht-PMK.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

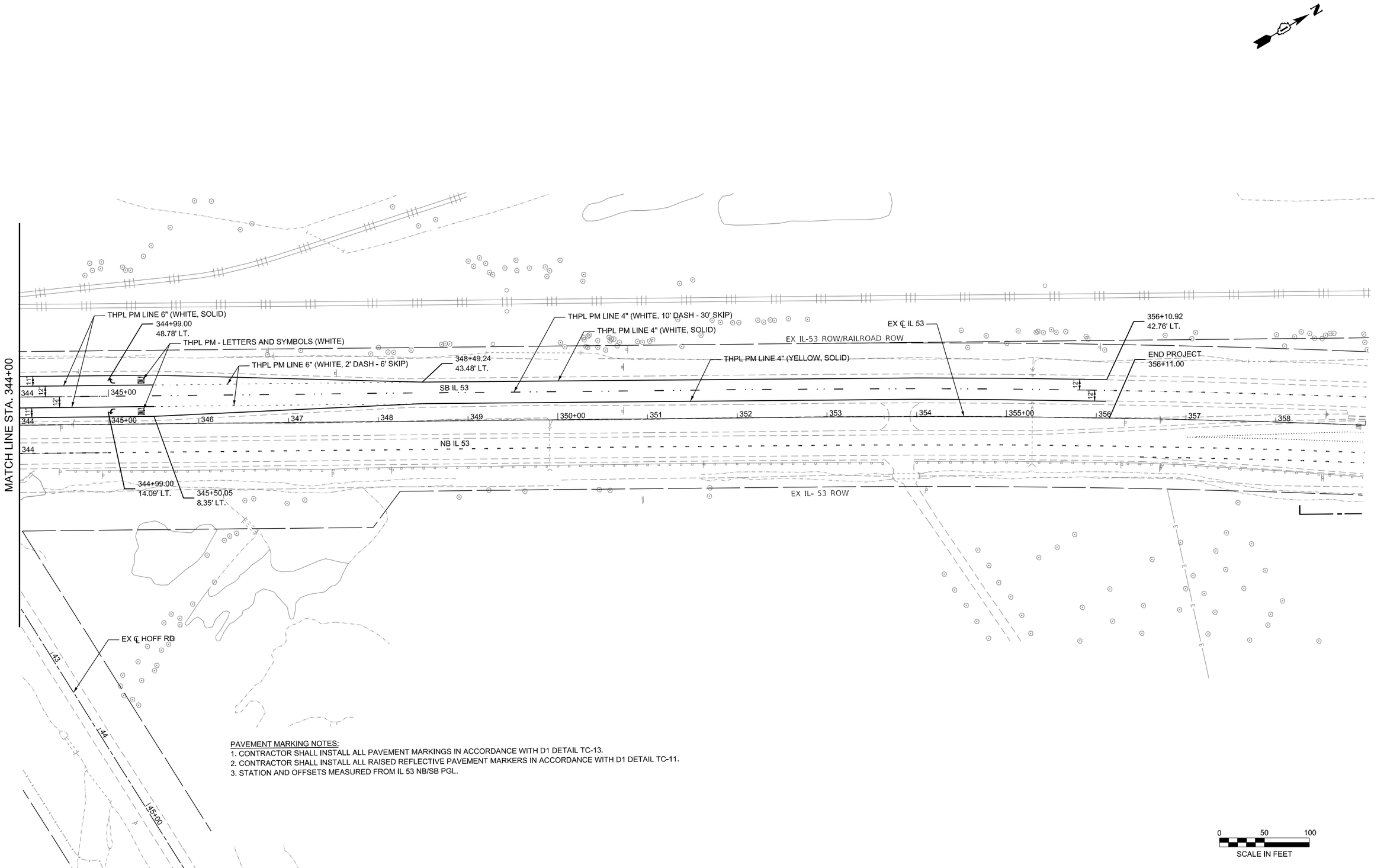
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 6 OF 7 SHEETS | STA. 329+00.00 TO STA. 344+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	86
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

####



PAVEMENT MARKING NOTES:
1. CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH D1 DETAIL TC-13.
2. CONTRACTOR SHALL INSTALL ALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH D1 DETAIL TC-11.
3. STATION AND OFFSETS MEASURED FROM IL 53 NB/SB PGL.

MODEL: ExCL_IL55 - PMK-6 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mgonzalez\dms56077\D162P01-sht-PMK.dgn

Primera
650 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-686-0910 F:312-686-0415

USER NAME = MGonzalez	DESIGNED - RMV	REVISED - ####	
	DRAWN - RMV	REVISED - ####	
	CHECKED - JB	REVISED - ####	
PLOT DATE = 10/27/2025	DATE - 11/05/2025	REVISED - ####	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING

SCALE: 1"=50' | SHEET 7 OF 7 SHEETS | STA. 344+00.00 TO STA. 359+00.00

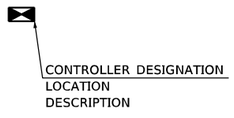
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	87
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

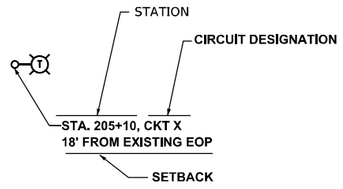
####

LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	TEMPORARY LIGHTING UNIT, 80 FT WOOD POLE, 15 FT MAST ARM, 70 FT MOUNTING HEIGHT LUMINAIRE, LED, HIGH MAST, OUTPUT DESIGNATION I, 53,000 LUMENS MIN, TYPE IV, (240VAC)
	TEMPORARY WOOD POLE, CLASS 4, 60-FT
	TEMPORARY LIGHTING CONTROLLER
	TEMPORARY ELECTRIC UTILITY SERVICE
	PROPOSED AERIAL LIGHTING CABLE WITH MESSENGER WIRE, SIZE AND TYPE AS NOTED
	PROPOSED CONDUIT, SIZE AND TYPE AS NOTED

CALL-OUT SAMPLE





ABBREVIATIONS AND ACRONYMS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A	AERIAL CABLE
F.O.C.	FACE OF CURB
CKT	CIRCUIT
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
E.O.P.	EDGE OF PAVEMENT
F	FEET OR FOOT
GND	GROUND
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
R.O.W.	RIGHT-OF-WAY
STA	STATION
T/F	TOP OF FOUNDATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE

GENERAL NOTES:

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

2. THE AERIAL CABLE INSTALLATION FOR TEMPORARY LIGHTING SHAL COMPLY WITH NEC (NATIONAL ELECTRICAL CODE) ARTICLE 225.18, NESC AND COMED STANDARDS FOR MINIMUM VERTICAL AND HORIZONTAL CLEARANCES.

INDEX OF DRAWING:

DRAWING NO.	TITLE
LT-01	LIGHTING LEGEND, ABBREVIATIONS, GENERAL NOTES, AND INDEX OF DRAWINGS
LT-02	TEMPORARY LIGHTING PLAN
LT-03	TEMPORARY LIGHTING PLAN
LT-04	TEMPORARY LIGHTING CONTROLLER DETAIL
LT-05	IDOT D1 BUREAU OF TRAFFIC STANDARD (BE-702)
LT-06	IDOT D1 BUREAU OF TRAFFIC STANDARD (BE-800)
LT-07	IDOT D1 BUREAU OF TRAFFIC STANDARD (BE-801)

IDOT-D1 STANDARDS:

STANDARD NO.	TITLE
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION

BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	300
AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1,700
LIGHT POLE, WOOD, 80 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	10
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	10
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	350
REMOVAL OF TEMPORARY LIGHTING CONTROLLER, NO SALVAGE	EACH	2
TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	10
TEMPORARY LIGHTING CONTROLLER	EACH	2
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	2

MODEL: Default
FILE NAME: pw:\\prime-s-pw.bentley.com:primera-pw-01\Documents\01 Projects_External\2022068100 - IDOT PTB 205-003\W004 - 62P01 IL53 at Grant Creek\Drawings\Current Drawing Files\CADD_Sheets\Temporary Lighting\D162P01-SHT_01.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

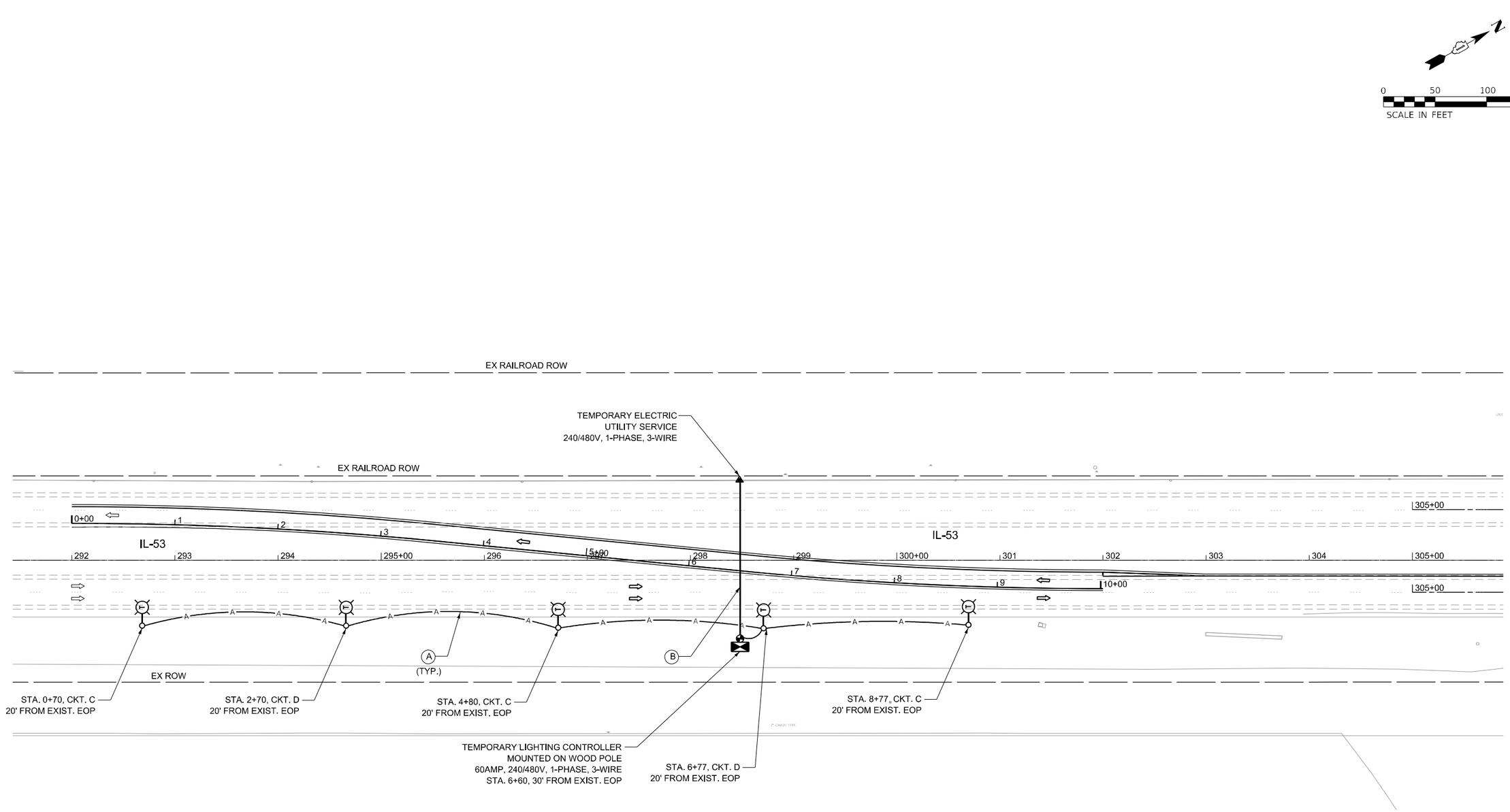
USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING LEGEND, ABBREVIATIONS, GENERAL NOTES, AND INDEX OF DRAWINGS

SCALE: | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	88
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. TEMPORARY LIGHTING SYSTEM INSTALLED IN STAGE 1 SHALL REMAIN OPERATIONAL DURING STAGE 2.
2. LUMINAIRES SHALL BE EQUIPED WITH BACK SHIELDS TO MINIMIZE IMPACT ON ADJACENT WILDLIFE. THE COST OF THE SHIELDS SHALL BE INCLUDED IN THE LUMINAIRE PAY ITEM.

LEGEND:

(A) AERIAL CABLE, 3-1/C NO.6 WITH MESSENGER WIRE

(B) 2" DIA, UGC, GS, WITH 3C NO. 6 SERVICE FEEDER

LT–02

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 100.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

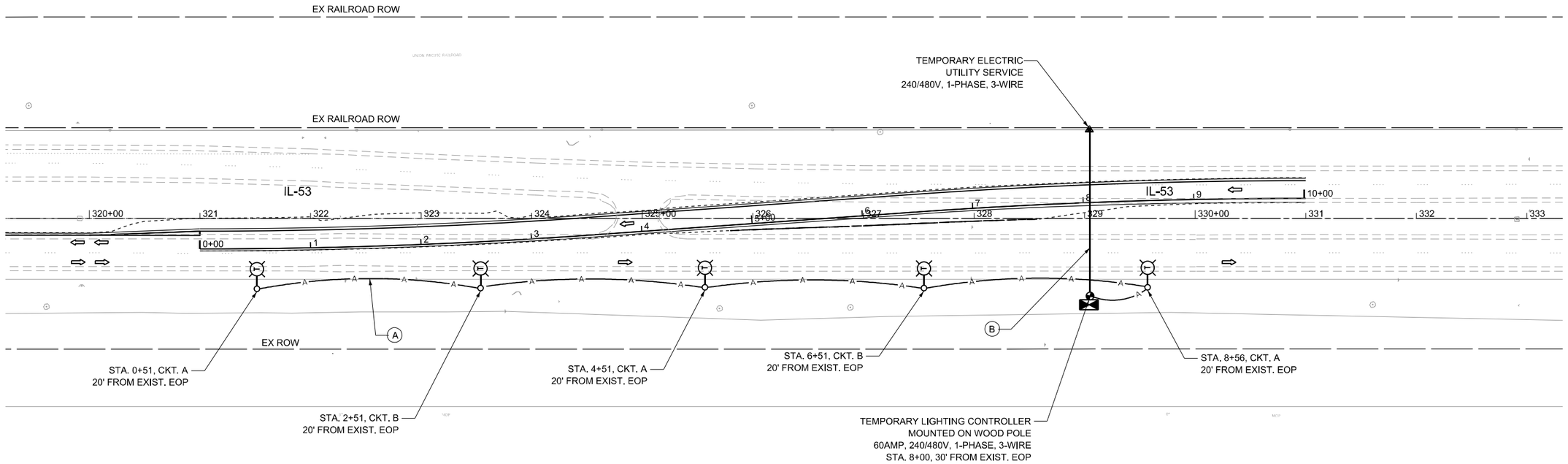
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN – SOUTH CROSSOVER

SCALE: 1"-50' | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	89
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: pw:\\prime-pw.bentley.com:prime-pw-01\Documents\01 Projects_External\20220681.00 - IDOT PTB 205-003\WO04 - 62P01 IL53 at Grant Creek\Drawings\Current Drawing Files\CADD Sheets\Temporary Lighting\D162P01-SHT_02.dgn



N

0 50 100 150

SCALE IN FEET

NOTES:

1. TEMPORARY LIGHTING SYSTEM INSTALLED IN STAGE 1 SHALL REMAIN OPERATIONAL DURING STAGE 2.
2. LUMINAIRES SHALL BE EQUIPED WITH BACK SHIELDS TO MINIMIZE IMPACT ON ADJACENT WILDLIFE. THE COST OF THE SHIELDS SHALL BE INCLUDED IN THE LUMINAIRE PAY ITEM.

LEGEND:

(A) AERIAL CABLE, 3-1/C NO.6 WITH MESSENGER WIRE

(B) 2" DIA, UGC, GS, WITH 3C NO. 6 SERVICE FEEDER

LT–03

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 100.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

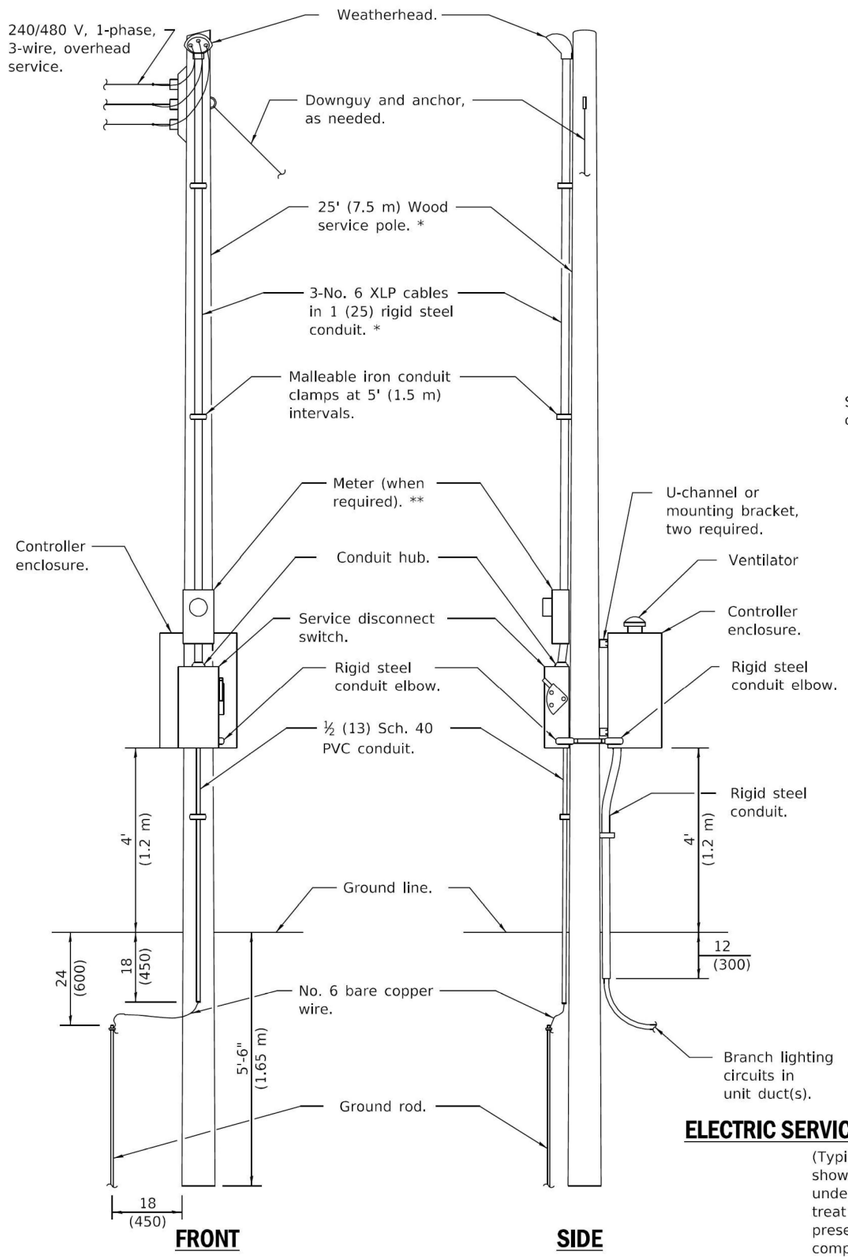
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN – NORTH CROSSOVER

SCALE: 1"-50' | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	90
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\primeor3-pw.bentley.com:primeor3-pw-01\Documents\01 Projects - External\20220681.00 - IDOT PTB 205-003\WO04 - 62P01 IL53 at Grant Creek\Drawings\Current Drawing Files\CADD_Sheets\Temporary Lighting\D162P01-SHT-03.dgn



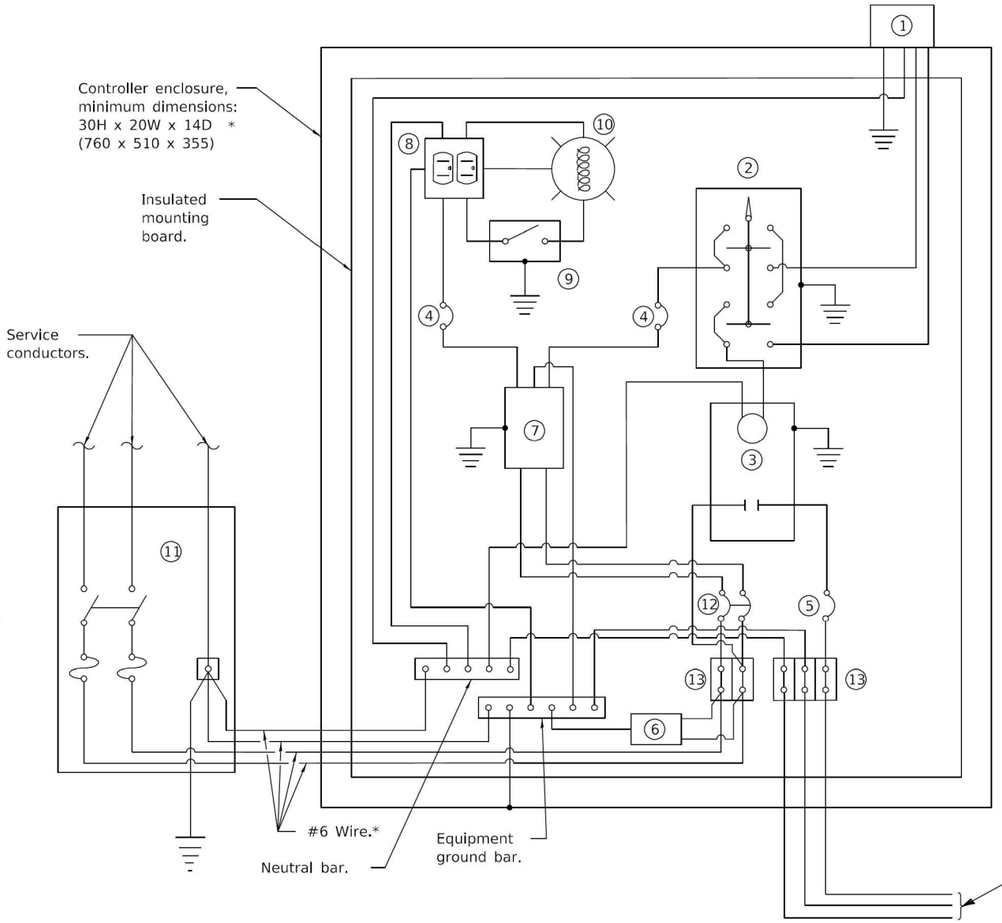
FRONT SIDE

ELECTRIC SERVICE INSTALLATION

(Typical overhead service shown. Cut pole off for underground service and treat cut surface with preservative. Consult utility company standards for exact requirements.)

* Size larger as needed.

** When cold sequencing is required, provide a meter disconnect switch as directed by Utility Company.



CONTROL SCHEMATIC

1. Photocell with integral surge arrester.
2. HAND-OFF-AUTO selector switch.
3. 100 amp*, electrically held contactor.
4. 15 amp, 1-pole circuit breaker.
5. 20 amp*, 1-pole circuit breaker (3 spares required but not shown).
6. Surge arrester.
7. Transformer - 1KVA*, 480V primary, 120/240V secondary, single-phase, 60Hz.
8. GFCI duplex receptacle.
9. Single-pole, single-throw switch.
10. Incandescent luminaire, enclosed and gasketted with 100 watt lamp.
11. Service disconnect switch - 2-pole, 3-wire, 60 amp*, fused at 60 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
12. 15 amp, 2-pole circuit breaker.
13. Terminal block sized for conductors as shown on plans.

* Size larger as needed.

GENERAL NOTES

Provide 12x9x1 (305x225x25) watertight pouch mounted inside controller door with as-built plans and schematics.

Provide engraved nameplate on front of enclosure reading "LIGHTING".

Enclosure shall be mounted to pole with pole-bands and lag-bolts.

Work pad not shown.

All dimensions are in inches (millimeters) unless otherwise shown.

LT–04

MODEL: Default
FILE NAME: pw://primera-pw.bentley.com:primera-pw-01/Documents/01 Projects/ External/20220681.00 - IDOT PTB 205-003/W004 - 62P01 IL53 at Grant Creek/Drawings/Current Drawing Files/CADD Sheets/Temporary Lighting/D162P01-SHT 04.dgn

SINGH + ASSOCIATES, INC. CONSULTING ENGINEERS

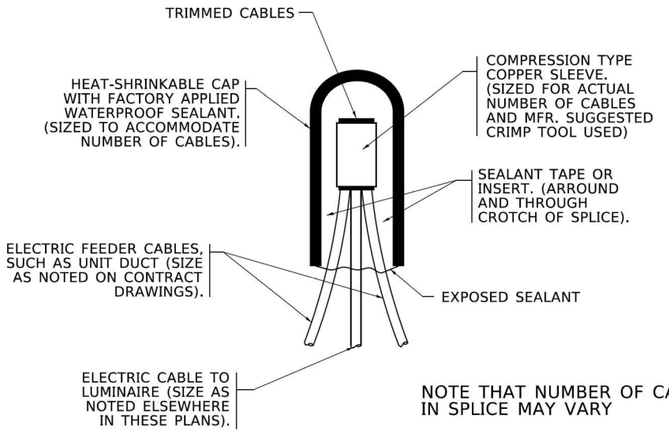
USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING CONTROLLER DETAIL

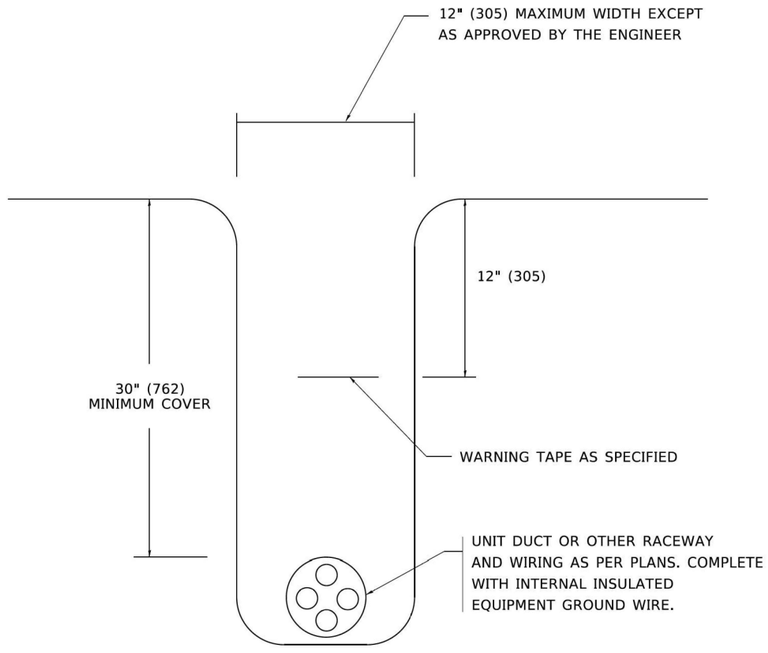
SCALE: | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	91
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

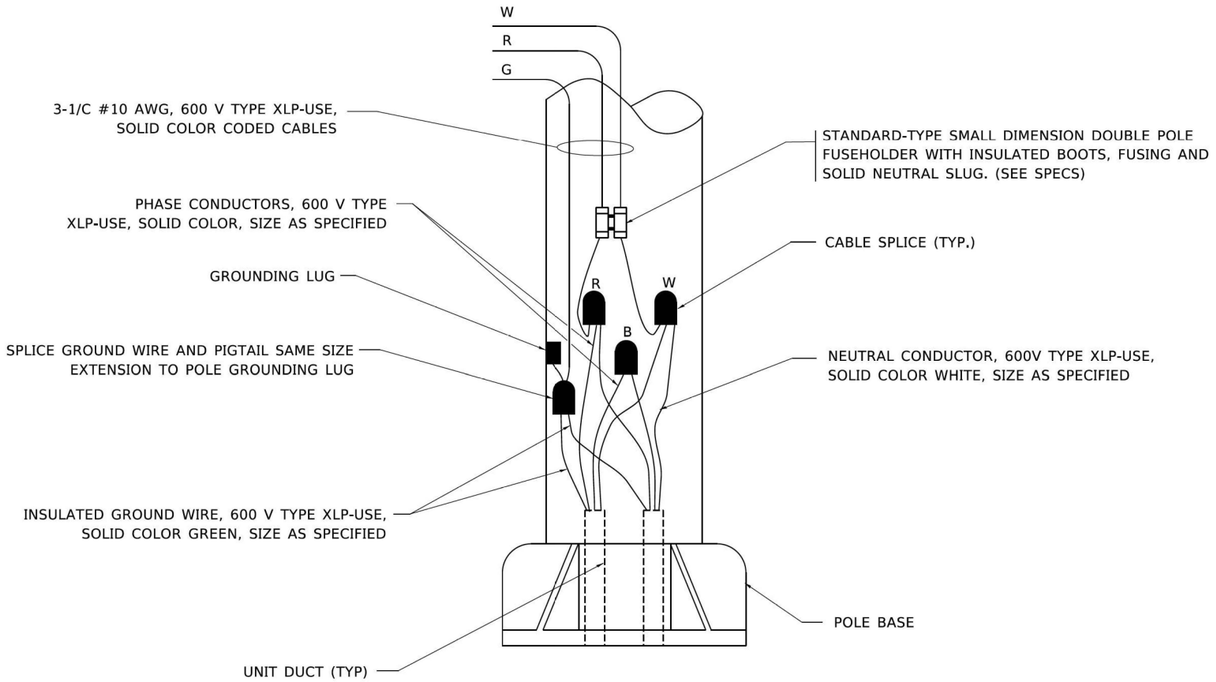


NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY

TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

LT–05

MODEL: Default
FILE NAME: pw://primera-pw.bentley.com:primera-pw-01/Documents/01 Projects/_External/20220681.00 - IDOT PTB 205-003/WO04 - 62P01 IL53 at Grant Creek/Drawings/Current Drawing Files/CADD Sheets/Temporary Lighting/D162P01-SHT_05.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

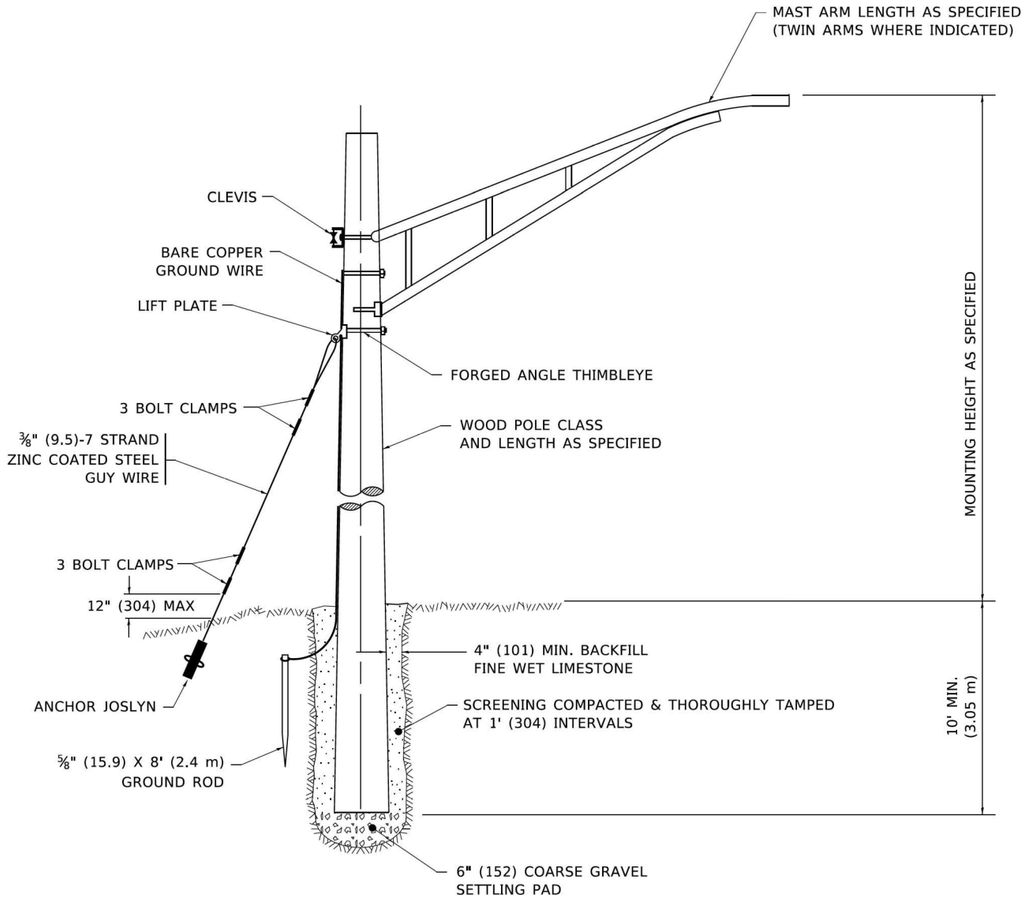
USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

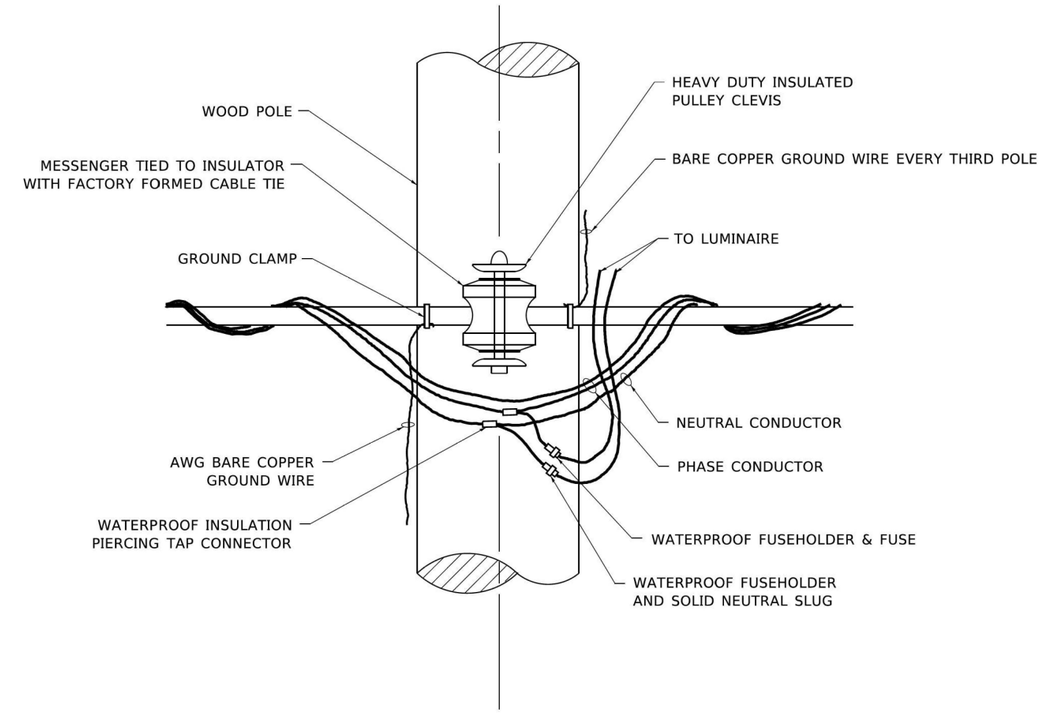
IDOT ELECTRICAL STANDARD DETAIL BE-702
MISC. ELECTRICAL DETAILS, SHEET A

SCALE: | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	92
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.

LT–06

MODEL: Default
FILE NAME: pw://primera-pw.bentley.com:primera-pw-01/Documents/01 Projects/_External/20220681.00 - IDOT PTB 205-003/W004 - 62P01 IL53 at Grant Creek/Drawings/Current Drawing Files/CADD Sheets/Temporary Lighting/D162P01-SHT 06.dgn

SINGH + ASSOCIATES, INC.
CONSULTING ENGINEERS

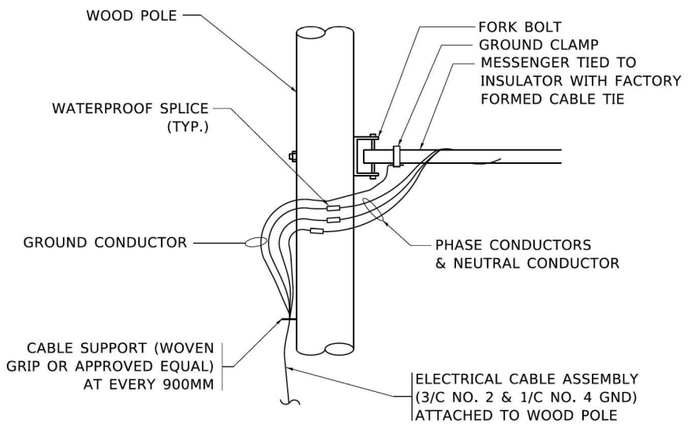
USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT ELECTRICAL STANDARD DRAWING BE–800
TEMPORARY LIGHT POLE DETAILS

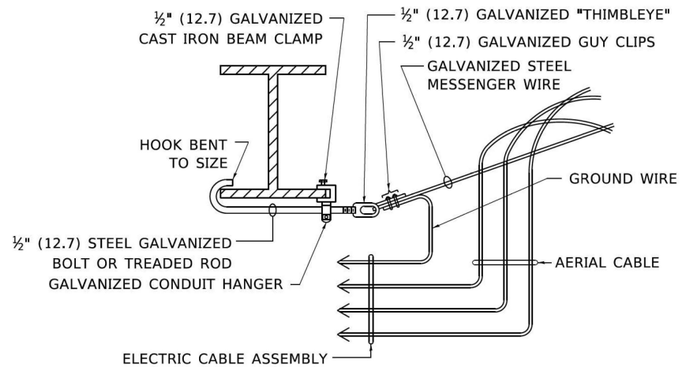
SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	93
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



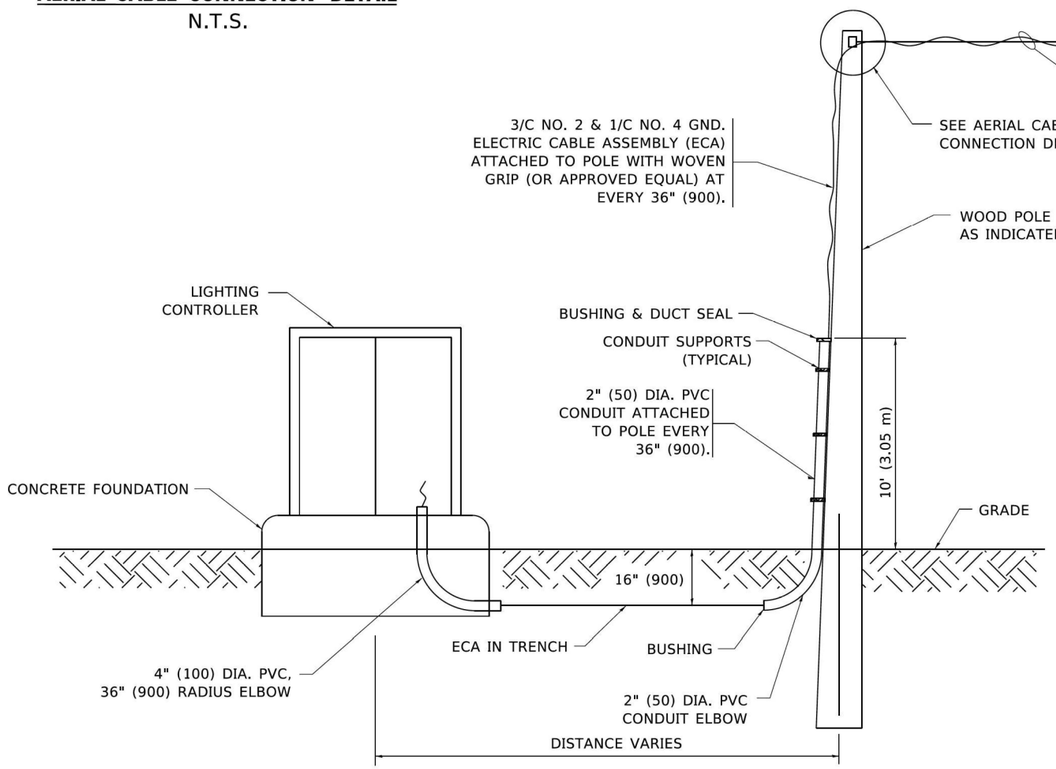
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

LT–07

MODEL: Default
FILE NAME: pw://primera-pw.bentley.com:primera-pw-01/Documents/01 Projects/ External/20220681.00 - IDOT PTB 205-003/W004 - 62P01 IL53 at Grant Creek/Drawings/Current Drawing Files/CADD Sheets/Temporary Lighting/D162P01-SHT 07.dgn

SINGH + ASSOCIATES, INC. CONSULTING ENGINEERS

USER NAME = vgurskas	DESIGNED - RP	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 2.000 ' / in.	CHECKED - RP	REVISED -
PLOT DATE = 12/4/2025	DATE - 12/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT ELECTRICAL STANDARD DRAWING BE–801
TEMPORARY AERIAL CABLE INSTALLATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	94
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

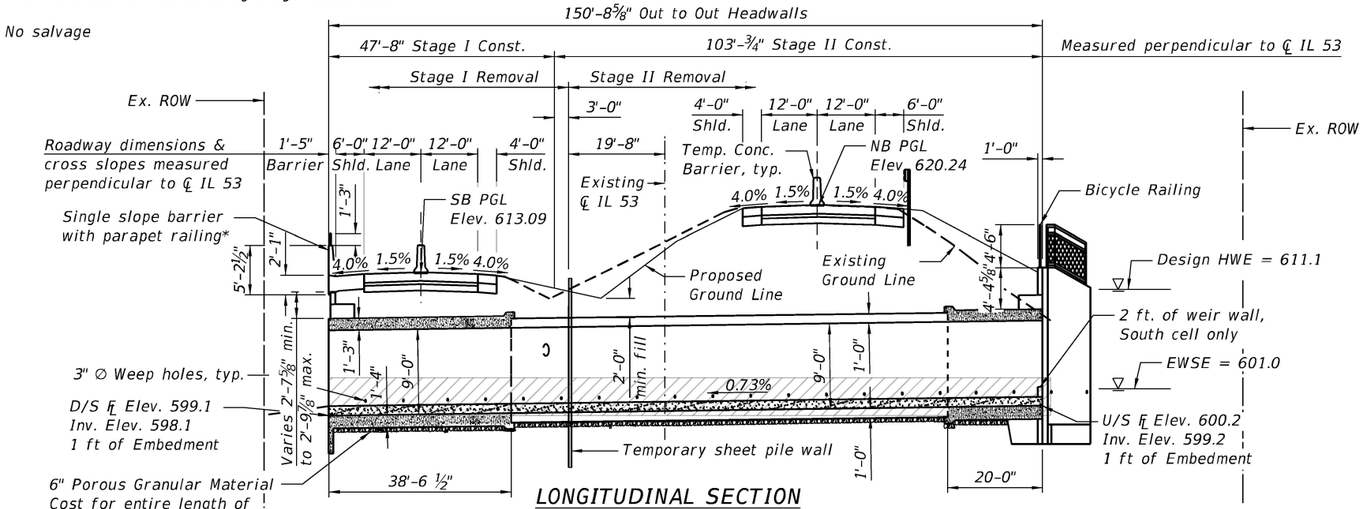
Benchmark: Square cut in NE corner concrete base of TCB in NW corner of IL 53 and IRA Morgan St. Elev. 643.04

Note: The top and bottom slabs of the double box culvert extensions are designed as continuous members

Existing Structure: SN 099-0536. Original construction year unknown. Structure is a 8'x8' Reinforced Single Concrete Box Culvert. Structure length is 153 feet with a 14° skew.

Traffic to be maintained using stage construction

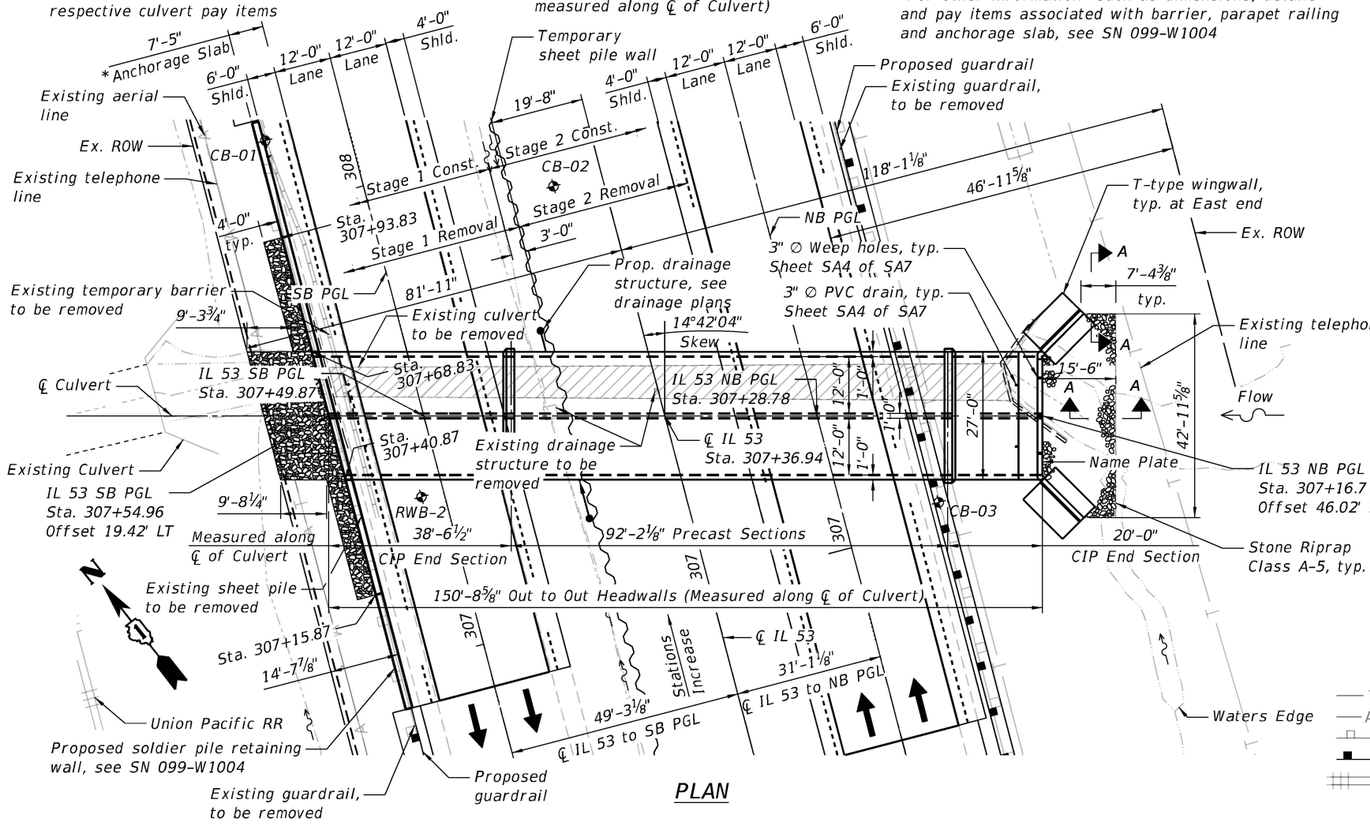
No salvage



LONGITUDINAL SECTION

(Elevations & culvert dimensions measured along ℄ of Culvert)

*For other information such as dimensions, details and pay items associated with barrier, parapet railing and anchorage slab, see SN 099-W1004



PLAN

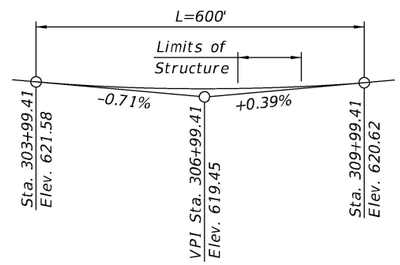
WATERWAY INFORMATION

Drainage Area = 3.64 Sq. miles

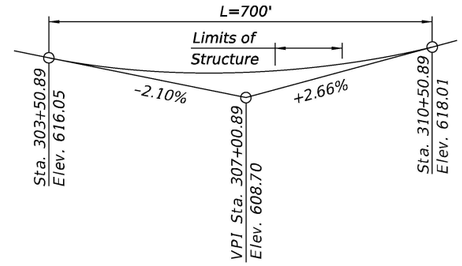
Existing Overtopping Elev. = 620.41 @ Sta. 253+94
Proposed Overtopping Elev. = 620.41 @ Sta. 253+94

Flood	Freq. Yr.	Discharge ft^3/s	Opening Sq. Ft.		Natural	Head - Ft.		Headwater El.	
			Existing	Proposed	H.W.E. - ft	Existing	Proposed	Existing	Proposed
	10	724	64	168	608.9	3.2	0.0	612.1	608.9
Design	50	996	64	168	611.1	6.8	0.0	617.9	611.1
Base	100	1096	64	168	612.0	8.2	0.0	620.2	612.0
Max. Calc.	500	1329	64	168	614.1	6.8	1.1	620.9	615.2

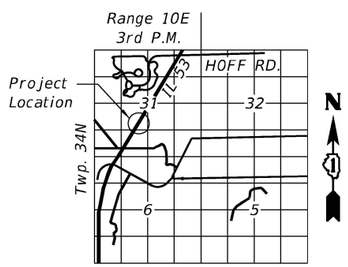
10-Year Velocity through Existing Culvert = 11.3 ft/s
10-Year Velocity through Proposed Culvert = 4.5 ft/s
2-Year Flow Rate = 392 ft^3/sec



IL 53 NB PROFILE GRADE



IL 53 SB PROFILE GRADE



LOCATION SKETCH

LEGEND

- Exist. Underground Telephone
- Exist. Aerial Line
- Exist. Guardrail
- Proposed Guardrail
- Active Railroad Track
- Exist. Drainage Item
- Exist. Drainage Item
- Exist. Private Property Slab
- Soil Boring Location

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

PRECAST UNITS

f'c = 5,000 psi
fy = 60,000 psi (Reinforcement)
fy = 60,000 psi (Welded Wire Fabric)

LOADING HL-93

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

DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specifications, 10th Edition, 2024

Illinois Department of Transportation Culvert Manual, 2017

LICENSED STRUCTURAL ENGINEER
CHANDANI BHAGAT
081-008090
STATE OF ILLINOIS

11/05/2025

Chandani Bhagat, PE, SE — Date
Licensed Structural Engineer
State of Illinois 081-008090
Expires 11/30/2026

STA. 307+36.94
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT 846
SEC. 2021-064-CR
LOADING HL-93
STRUCTURE NO. 099-8302

NAME PLATE

See Std. 515001

GENERAL PLAN AND ELEVATION

FAP 846 (IL Rte. 53) OVER GRANT CREEK
SEC. 2021-064-CR
WILL COUNTY
STATION 307+36.94
STRUCTURE NO: 099-8302

MODEL: Culvert GPE [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\ameshkova\d\ms556078\01 - 62P01_Culvert GPE Sheet.dgn

Primera
950 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-655-9010 F:312-655-9015

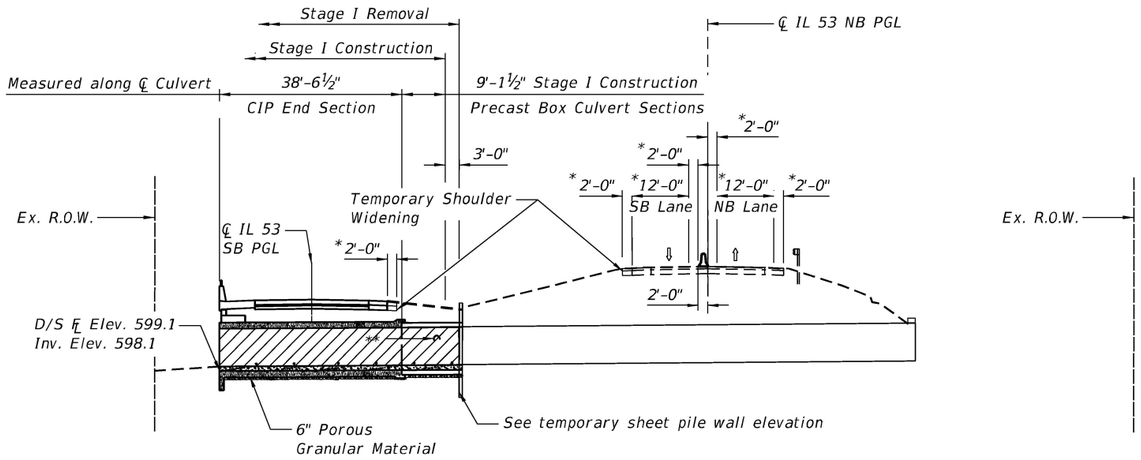
USER NAME = AMeshkova	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/19/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO: 099-8302

SCALE: | SHEET SA1 OF SA7 SHEETS | STA. | TO STA.

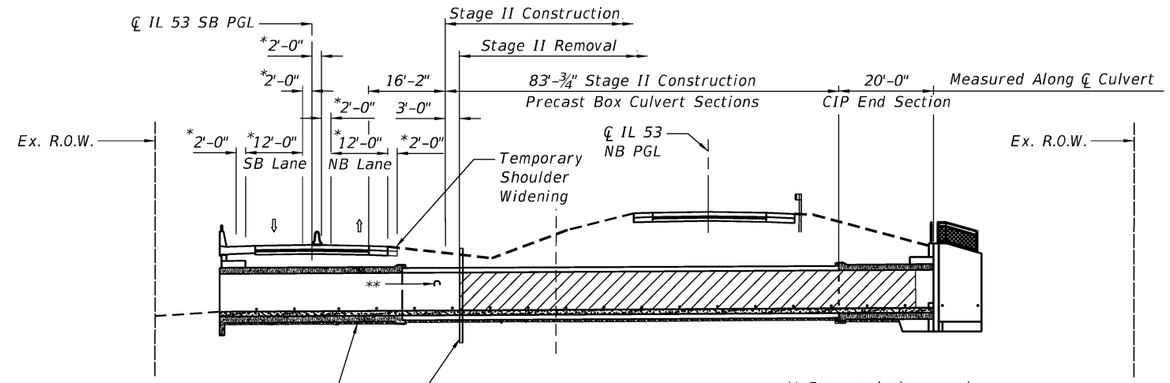
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	95
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STAGE I CONSTRUCTION

(Looking North)

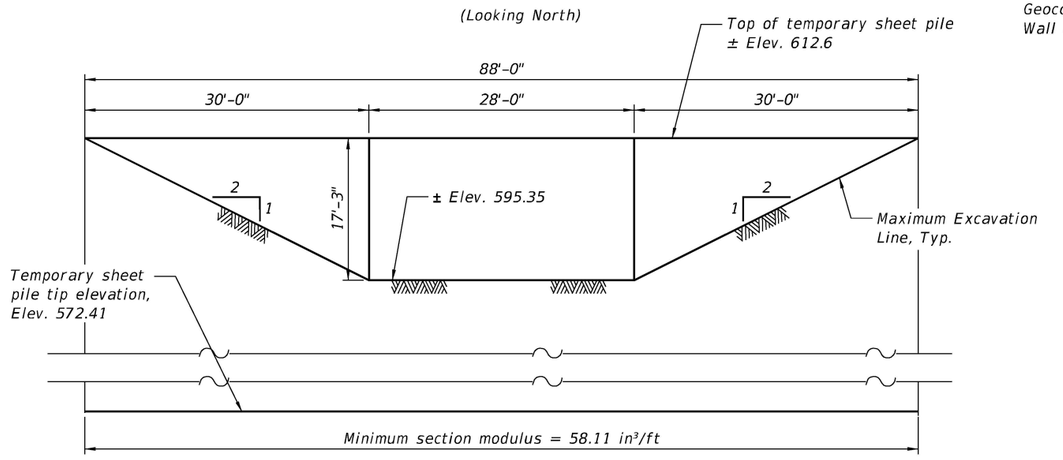
* Perpendicular to roadway



STAGE II CONSTRUCTION

** Proposed pipe opening. See drainage plans for more information

(Looking North)



TEMPORARY SHEET PILE WALL ELEVATION

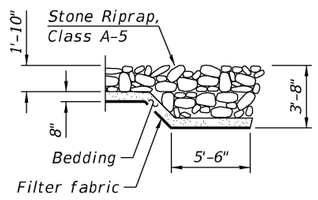
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Stone Riprap, Class A5	Sq Yd	129
Removal Of Existing Structures	Each	1
Removal And Disposal Of Unsuitable Material For Structures	Cu Yd	160
Reinforcement Bars, Epoxy Coated	Pound	74,200
Bicycle Railing	Foot	51
Name Plates	Each	1
Temporary Sheet Piling	Sq Ft	3,537
Concrete Box Culverts	Cu Yd	261.5
Precast Concrete Box Culverts 12' X 9'	Foot	185
Geocomposite Wall Drain	Sq Yd	305
Sheet Pile Removal, Special	Sq Ft	1,167
Membrane Waterproofing System For Buried Structures	Sq Yd	298
Rock Fill – Foundation	Cu Yd	160

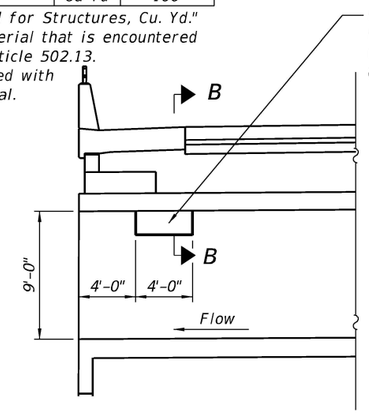
Pay Item "Removal and Disposal of Unsuitable Material for Structures, Cu. Yd." can be used to remove any unstable or unsuitable material that is encountered in the field during construction, in accordance with Article 502.13. Any undercut should be back filled with rock fill capped with 6 inches of CA7 in accordance with IDOT culvert manual. A nominal quantity is provided for bidding purposes.

INDEX OF SHEETS

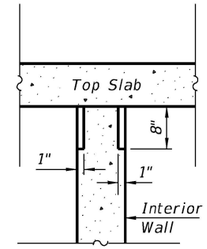
SA1 – General Plan and Elevation
SA2 – General Notes and Stage Construction Details
SA3 – West and East Culvert End Section and Headwall
SA4 – Culvert Section and Details
SA5 – Bicycle Railing I
SA6 – Bicycle Railing II
SA7 – Soil Boring Logs



SECTION A-A



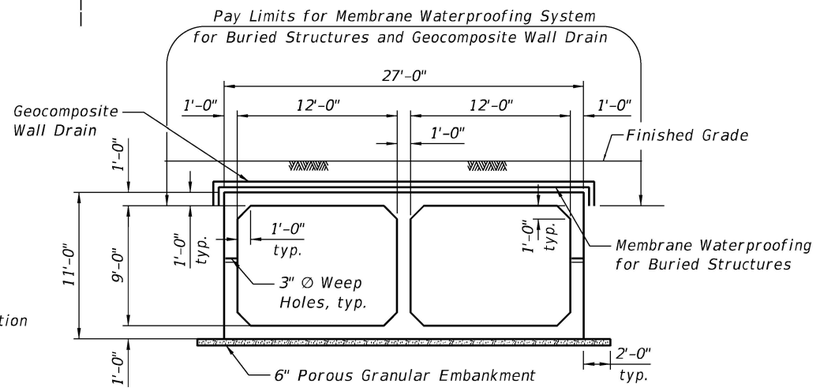
LONGITUDINAL SECTION



SECTION B-B

PHOEBE NESTING SITE DETAILS

(Downstream End Only)



PRECAST BOX CULVERT

(Dimensions of the precast culvert shown here are based on ASTM C1577-14. The final dimensions to be determined by the precast culvert manufacturer.)

Note: Geocomposite Wall Drain shall be according to Section 592 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.

SUGGESTED SEQUENCE OF CONSTRUCTION

1. Locate all existing utilities that are remaining. The contractor shall coordinate any required improvements to, or removals of the existing utilities with utility owner(s) and IDOT.
2. Install temporary sheet pile, remove existing culvert and sheet pile wall at West end.
3. Place soldier piles, see SN 099-W1004 plans.
4. Construct the culvert and the head wall.
5. Complete soldier pile retaining wall construction and construct Anchorage slab and Barrier, see SN 099-W1004 plans.
6. Remove the existing culvert at east end.
7. Construct the culvert, the head wall and T-type wall.
8. Remove Temporary Sheet pile and complete final grading.

MODEL: General Notes and Stage Construction Details [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms5607602 - 62P01_General Notes and Stage Construction Details.dgn

Primera
550 W. JACKSON BLVD. SUITE 800 . CHICAGO IL 60661 P:312-655-9010 F:312-655-9015

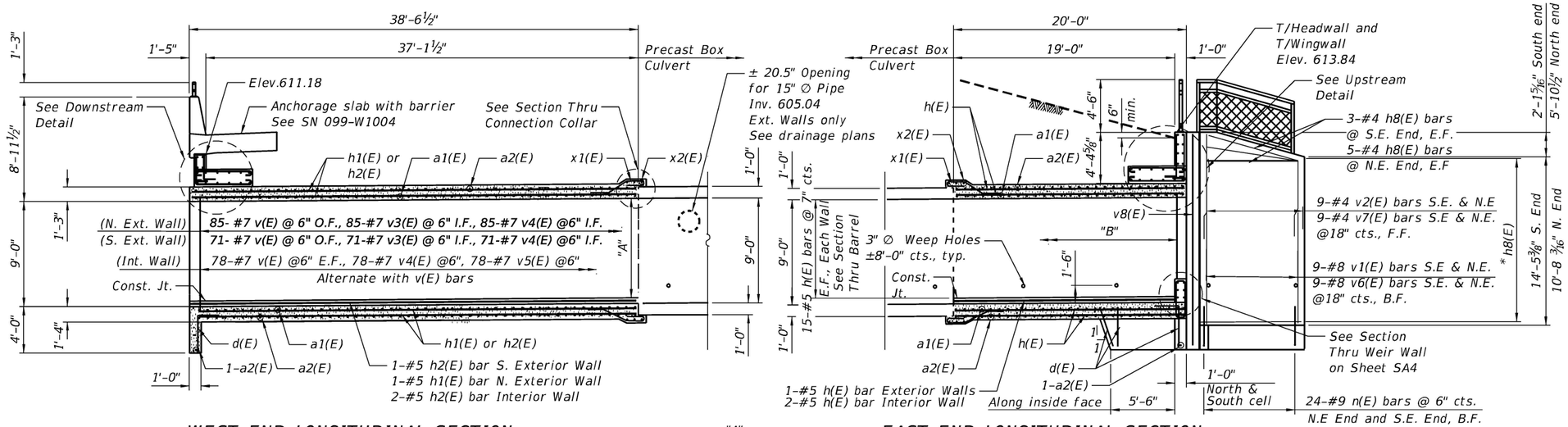
USER NAME = cbhagat	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 11/5/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND STAGE CONSTRUCTION DETAILS
STRUCTURE NO: 099-8302

SCALE: | SHEET SA2 OF SA7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	96
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		



WEST END LONGITUDINAL SECTION

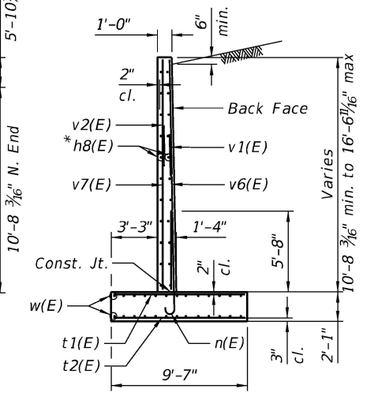
(Weep holes not shown for clarity)

EAST END LONGITUDINAL SECTION

"A":
15X2-#5 h2(E) bars @ 7" cts., E.F. S. Exterior Wall
15X2-#5 h1(E) bars @ 7" cts. E.F. N. Exterior Wall
15X2-#5 h2(E) bars @ 7" cts., E.F. Interior Wall
See Section Thru Barrel

* 11-#4 h8(E) bars@ 18" cts., E.F., N End
8-#4 h8(E) bars@ 18" cts., E.F., S End

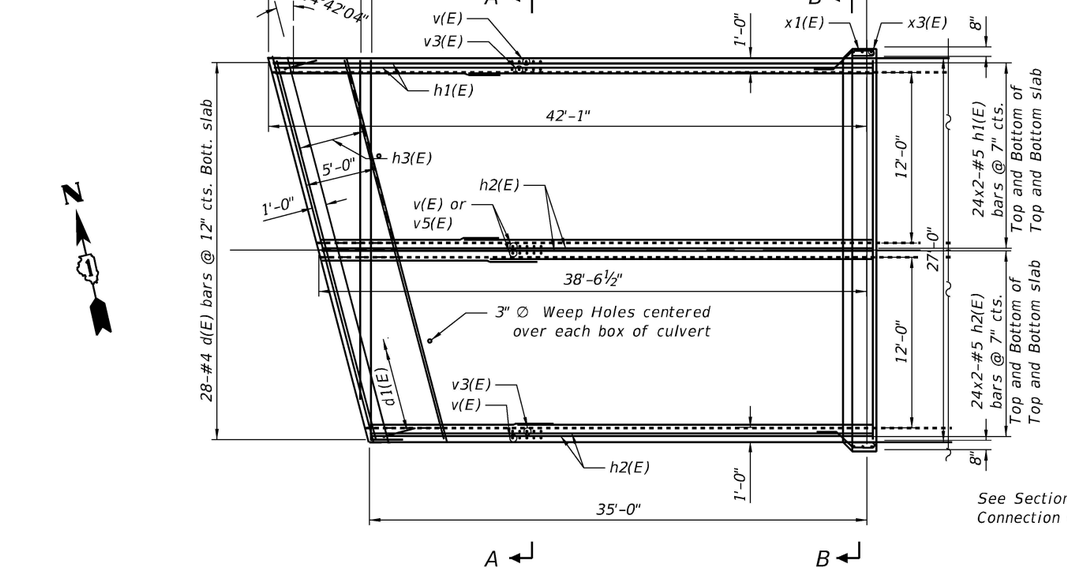
Minimum Lap
#4 Bars = 2'-7"
#5 Bars = 3'-2"
#8 Bars = 5'-1"



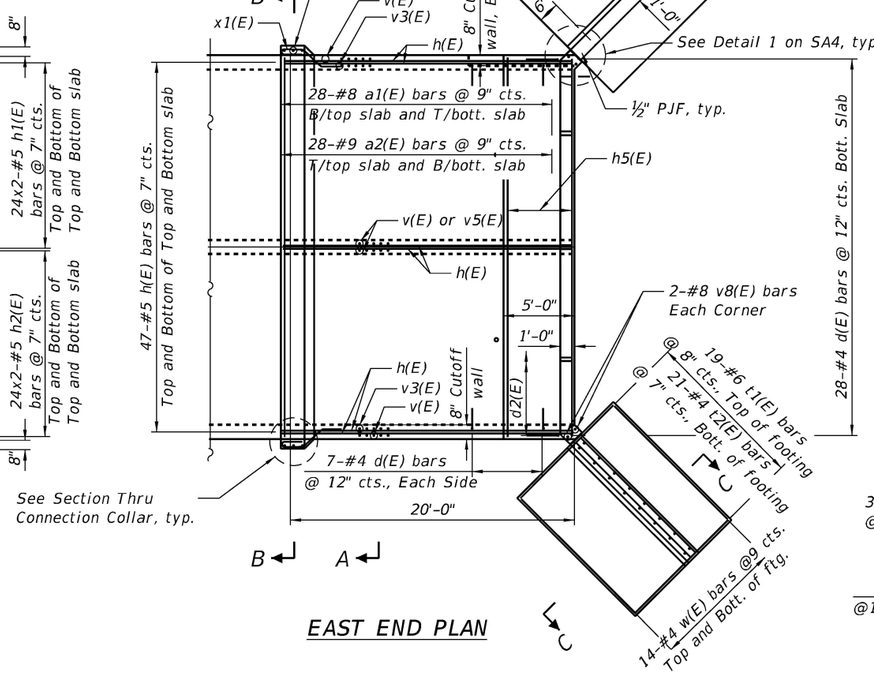
SECTION C-C

Maximum Applied Service Bearing Pressure = 4.51 ksf

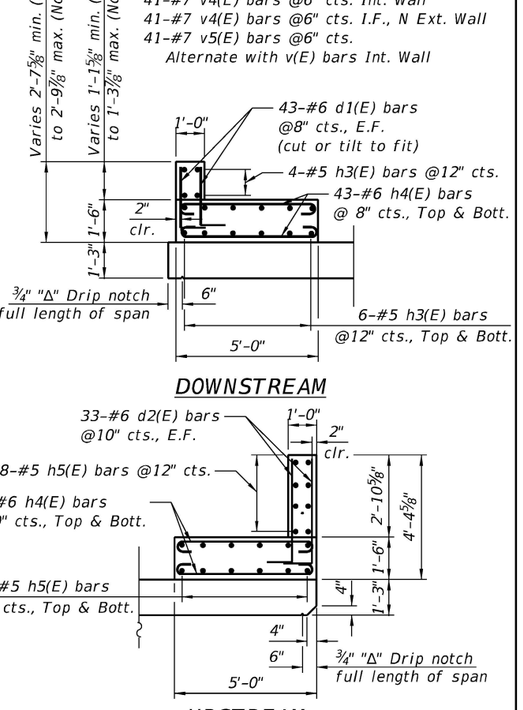
"B":
41-#7 v(E) bars @6" cts. O.F., N. Ext. Wall
41-#7 v(E) bars @6" cts. E.F Int. Wall
41-#7 v(E) bars @6" cts. O.F., S. Ext. Wall
41-#7 v3(E) bars @6" cts. I.F., N. Ext. Wall
41-#7 v3(E) bars @6" cts. O.F., S. Ext. Wall
41-#7 v4(E) bars @6" cts. I.F., S. Ext. Wall
41-#7 v4(E) bars @6" cts. Int. Wall
41-#7 v4(E) bars @6" cts. I.F., N Ext. Wall
41-#7 v5(E) bars @6" cts.
Alternate with v(E) bars Int. Wall



WEST END PLAN



EAST END PLAN



MODEL: West and East End Section and Headwall [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\ameshkova\dms5607803 - 62P01 - West and East End Section and Headwall Details.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-655-9012 F:312-655-9015

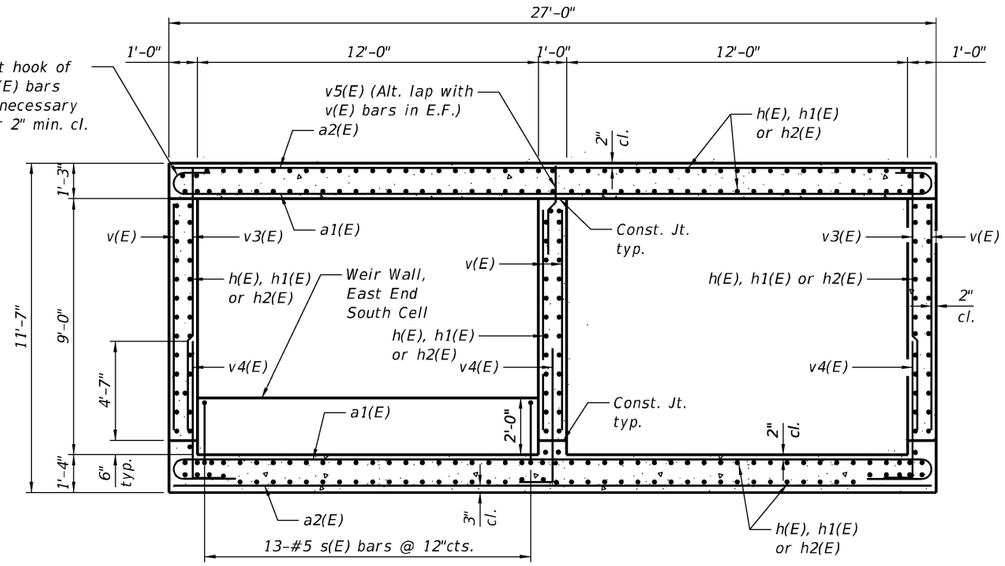
USER NAME = AMeshkova	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/19/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST AND EAST END SECTION AND HEADWALL
STRUCTURE NO: 099-8302

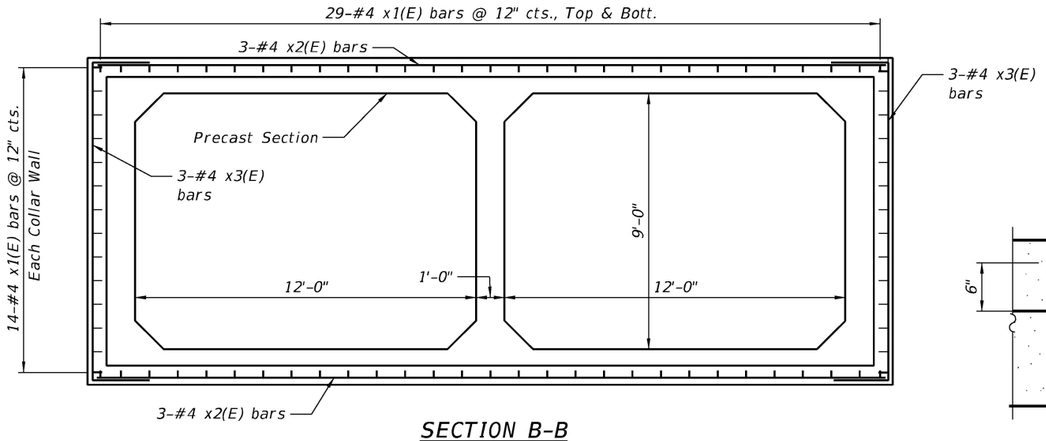
SCALE: | SHEET SA3 OF SA7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	97
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



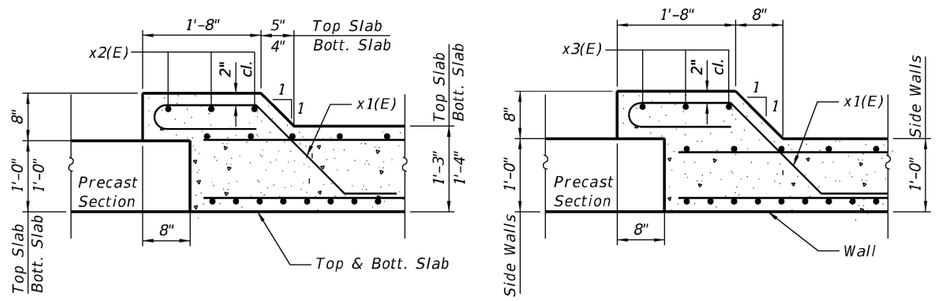
SECTION A-A

(Cast-in-Place Culvert)
(Looking West)

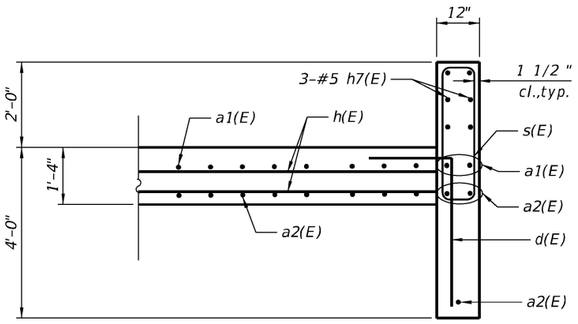


SECTION B-B

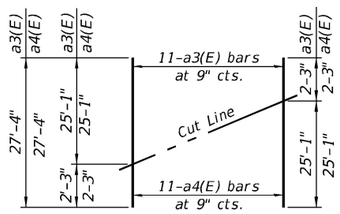
(Culvert Collar)
(Reinforcement shown is typical at each of 2 culvert collars)



SECTION THRU CONNECTION COLLAR

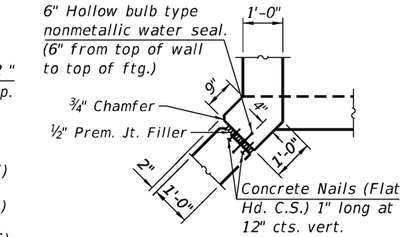


SECTION THRU WEIR WALL

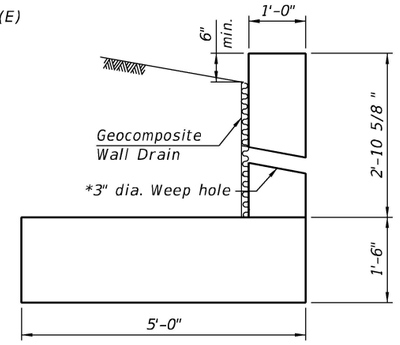


FIELD CUTTING DIAGRAM

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

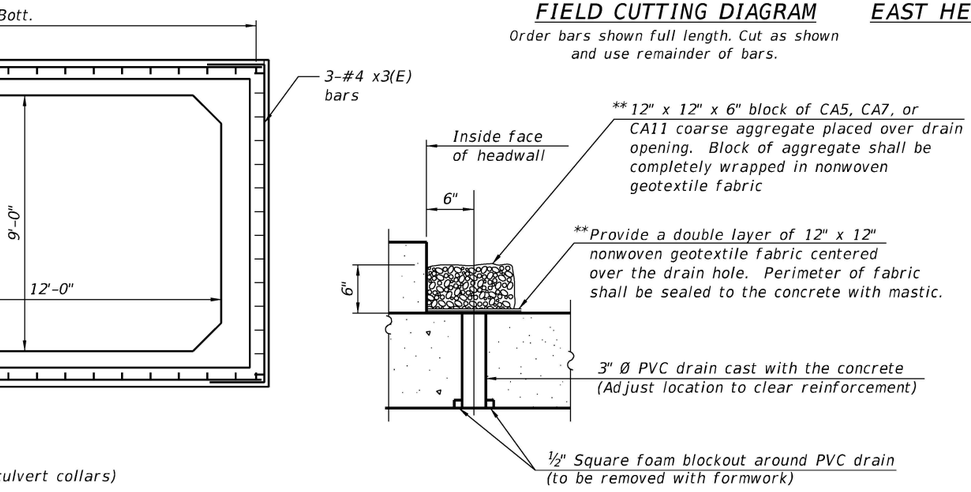


DETAIL 1



EAST HEADWALL DRAINAGE DETAIL

* Weep holes spacing shall be at ℄ 8'-0" horizontally.



DRAIN DETAIL

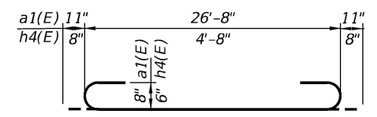
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

**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.

Bar	A	B
d(E)	1'-9"	3'-8"
d1(E)	1'-0"	2'-6"
d2(E)	1'-0"	4'-1"
v4(E)	1'-2"	6'-0"

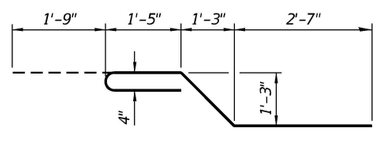
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	152	#8	28'-6"	
a2(E)	154	#9	26'-8"	
a3(E)	11	#9	27'-4"	
a4(E)	11	#8	27'-4"	
d(E)	70	#4	5'-5"	
d1(E)	86	#6	3'-6"	
d2(E)	66	#6	5'-1"	
h(E)	282	#5	19'-8"	
h1(E)	253	#5	22'-5"	
h2(E)	315	#5	20'-8"	
h3(E)	16	#5	27'-8"	
h4(E)	152	#6	6'-0"	
h5(E)	20	#5	26'-8"	
h7(E)	6	#5	11'-8"	
h8(E)	54	#4	11'-5"	
n(E)	48	#9	8'-9"	
s(E)	13	#4	8'-3"	
t1(E)	38	#6	9'-4"	
t2(E)	42	#4	9'-4"	
v(E)	476	#7	8'-2"	
v1(E)	18	#8	10'-9"	
v2(E)	18	#4	8'-4"	
v3(E)	238	#7	9'-5"	
v4(E)	357	#7	7'-2"	
v5(E)	119	#7	4'-7"	
v6(E)	18	#8	10'-6"	
v7(E)	18	#4	10'-6"	
v8(E)	4	#8	18'-4"	
w(E)	56	#4	11'-5"	
x1(E)	172	#4	7'-6"	
x2(E)	12	#4	28'-0"	
x3(E)	12	#4	16'-7"	
Concrete Box Culverts			Cu. Yd.	261.5
Reinforcement Bars, Epoxy Coated			Pound	74,200



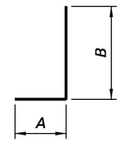
BAR a1(E) &h4(E)

BAR x3(E)

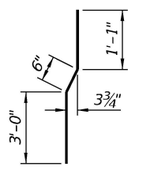


BAR x1(E)

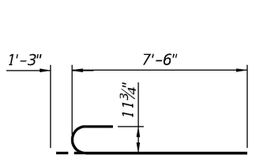
BAR s(E)



BAR d(E), d1(E), d2(E) & v4(E)



BAR v5(E)



BAR n(E)

MODEL: Culvert Section and Details [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\ameshkova\dms5607804 - 62P01_Culvert Section and Details.dgn

Primera
550 W. JACKSON BLVD. SUITE 850 . CHICAGO IL 60661 P:312-655-9870 F:312-655-9915

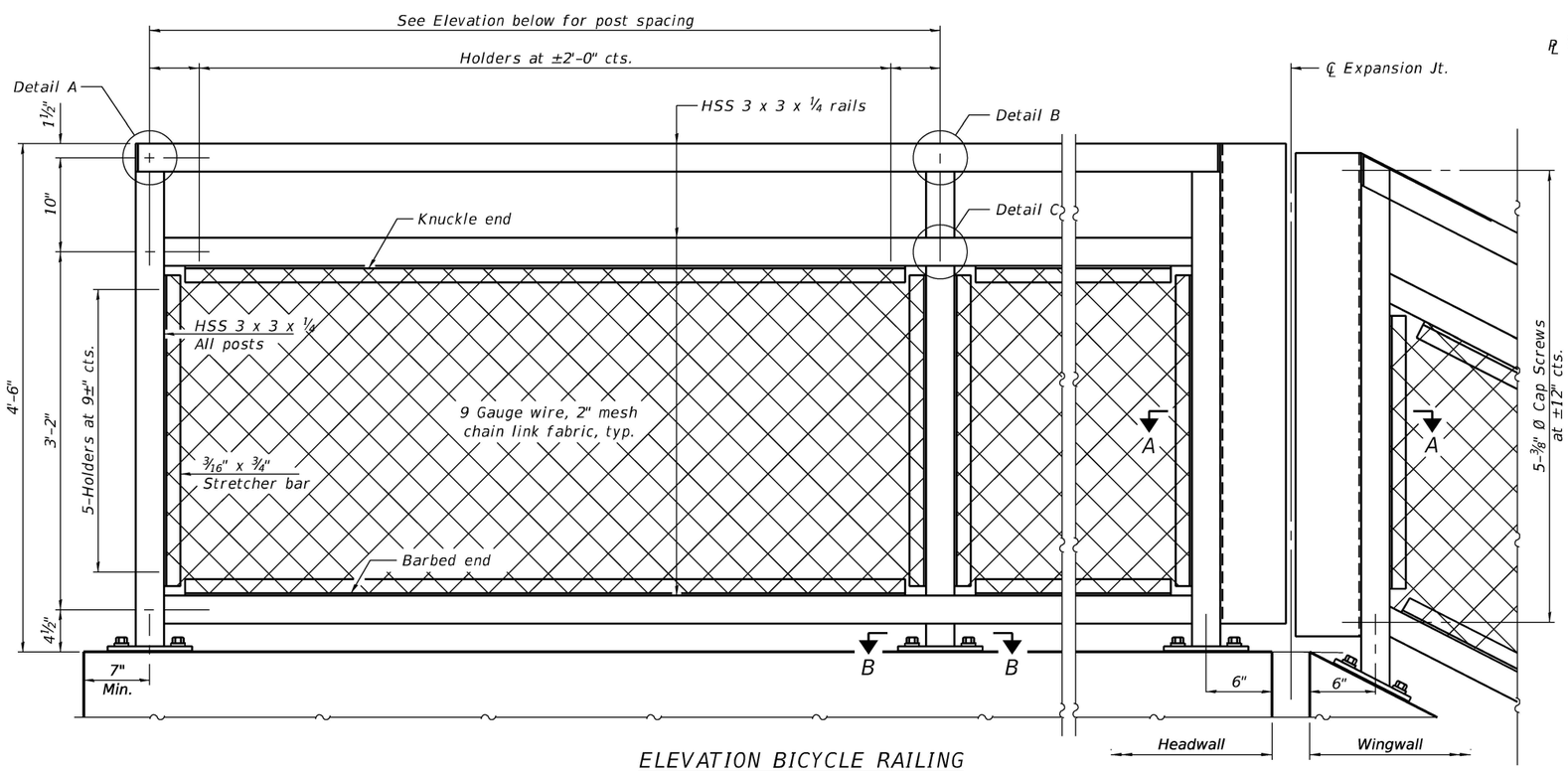
USER NAME = AMeshkova	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

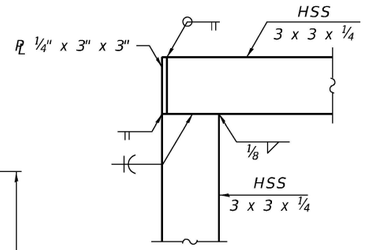
CULVERT SECTION AND DETAILS
STRUCTURE NO: 099-8302

SCALE: | SHEET SA4 OF SA7 SHEETS | STA. | TO STA.

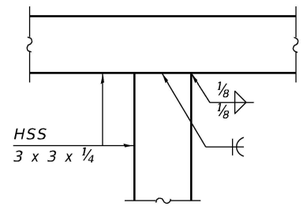
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	98
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



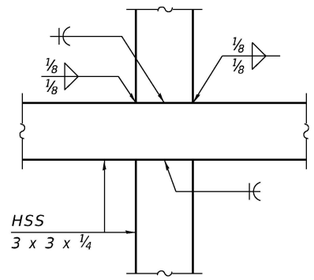
ELEVATION BICYCLE RAILING
(Inside face)



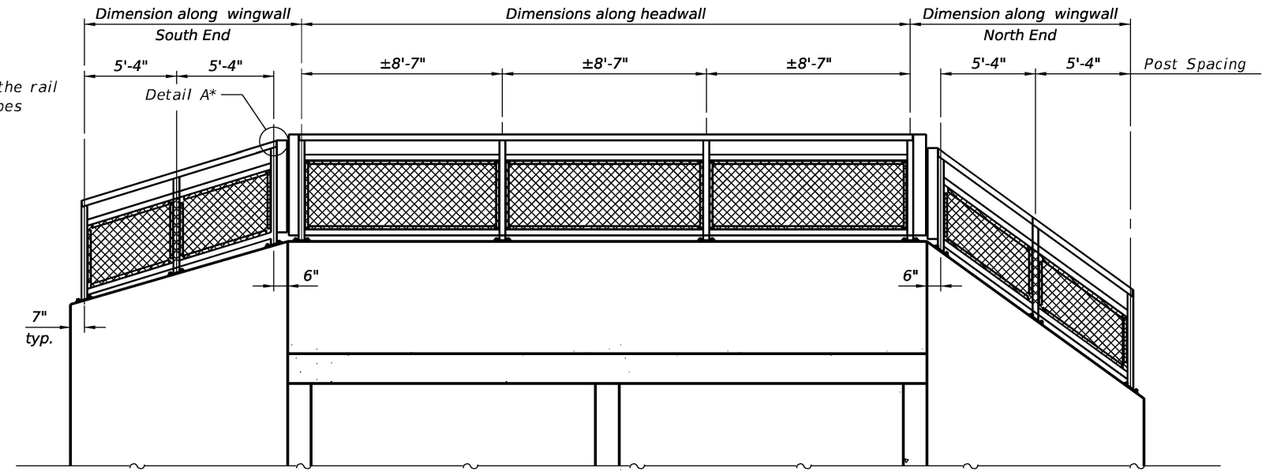
DETAIL A



DETAIL B

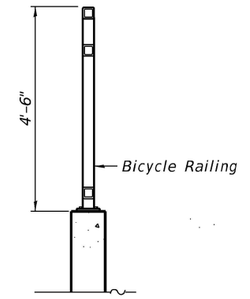


DETAIL C



ELEVATION

* Details A* match Details A except that the rail elements are parallel to the wingwall slopes while the posts remain vertical.



SECTION THRU HEADWALL OR WINGWALL

RAILING CRITERIA

MASH 2016 Test Level	4
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"

MODEL: Bicycle Railing I [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56078\05 - 62P01_Bicycle Railing and Parapet Railing I.dgn

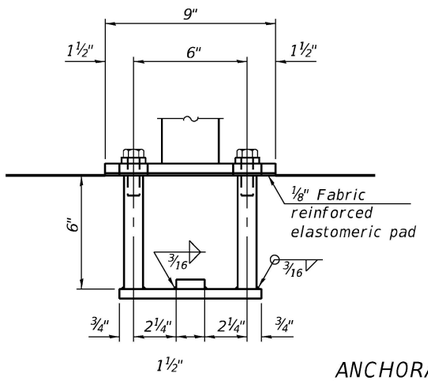
Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-408-0010 F:312-408-0015

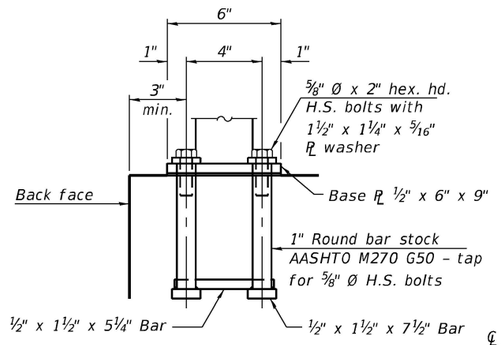
USER NAME = JEssner	DESIGNED - AIM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 10/16/2025	DATE - 11/05/2025	REVISED -	

BICYCLE RAILING I
STRUCTURE NO: 099-8302

SCALE: SHEET SA5 OF SA7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	99
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		

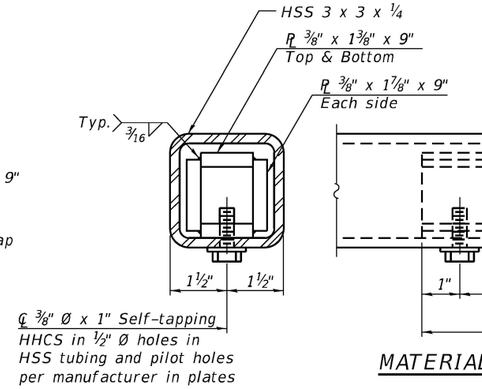


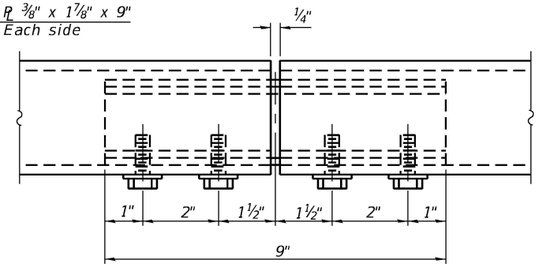


ANCHORAGE ASSEMBLY

The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates.

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.





MATERIAL SPLICE

Notes:

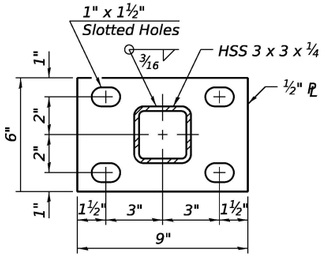
Place reinforcement bars to miss anchor rod locations.

CVN testing is not required for the HSS tubing used in the Bicycle Railing.

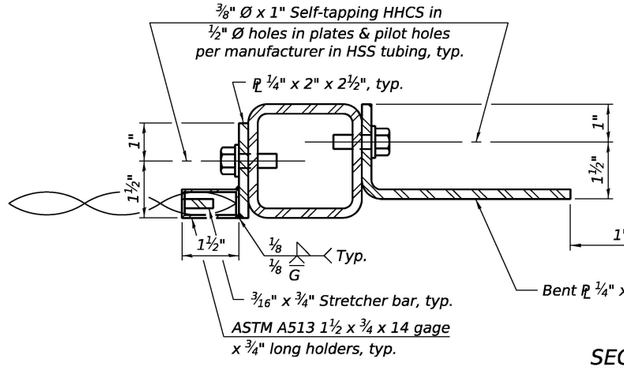
All heavy hex nuts shall be according to ASTM A 563 grade DH.

All fully threaded anchor rods shall be ASTM F1554 grade 105.

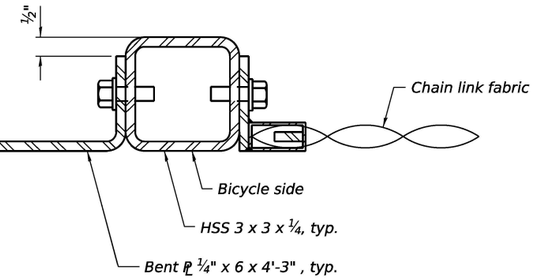
The post base plate shall be fastened to the curb snug tight and given an additional ⅛" turn.



SECTION B-B



SECTION A-A



BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	51

MODEL: Bicycle Railing II [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms5607606 - 62P01_Bicycle Railing and Parapet Railing II.dgn

Primera
550 W. JACKSON BLVD. SUITE 800 . CHICAGO IL 60661 P:312-405-9010 F:312-406-9015

USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 10/16/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BICYCLE RAILING II
STRUCTURE NO: 099-8302

SCALE: | SHEET SA6 OF SA7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	100
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 7/24/24

ROUTE FAP 846/IL 53 DESCRIPTION Culvert Boring LOGGED BY DV

SECTION 2021-064-CR LOCATION IL 53, SEC. , TWP. , RNG. ,
Latitude 41.3849650, Longitude -88.1228009

COUNTY WILL DRILLING RIG GEOPROBE
DRILLING METHOD HSA HAMMER TYPE AUTO
HAMMER EFF (%) 103

STRUCT. NO. 099-8302
Station 307+44.30

BORING NO. CB-01
Station
Offset
Ground Surface Elev. 612.50 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 591.5 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
612.08 5.0 inches of Concrete			
611.83 3.0 inches of Asphalt Subbase			
FILL: Broken Concrete	50/0		7
610.00 FILL: SANDY SILT (MLS), trace gravel, Dark Gray, Very Moist	5		
	4		25
607.50 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Brown, Moist	3		
	WH		
	1	1.3	26
	1	B	
	2		
-10	2	3.3	20
	5	B	
	3		
	4	3.1	19
	6	B	
599.00 SILTY CLAY (CL/ML), trace gravel, Very Stiff, Gray, Moist	2		
	4	2.7	16
-15	5	B	
	3		
	4	2.5	18
	6	B	
	3		
-20	4	2.5	18
	6	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
591.50 SILTY CLAY (CL/ML), trace gravel, Very Stiff, Gray, Moist *(continued)*	2		
SAND (SP), trace gravel, Loose, Gray, Moist	3		18
589.00	6		
GRAVEL (GP), with sand, Medium Dense, Gray, Wet	7		
	11		11
-25	14		
586.50 SILTY CLAY (CL/ML), trace gravel, trace sand, Stiff to Very Stiff, Gray, Very Moist	4		
	3	3.1	27
	6	B	
	3		
-30	4	2.9	24
	7	B	
	2		
	3	3.3	30
	4	B	
	2		
-35	2	2.9	34
	5	B	
	2		
	2	1.7	35
	3	B	
	1		
-40	2	2.1	30
	1	B	

572.50 End of Boring

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)

Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 7/25/24

ROUTE FAP 846/IL 53 DESCRIPTION Culvert Boring LOGGED BY DV

SECTION 2021-064-CR LOCATION IL 53, SEC. , TWP. , RNG. ,
Latitude 41.3848289, Longitude -088.1226676

COUNTY WILL DRILLING RIG GEOPROBE
DRILLING METHOD HSA HAMMER TYPE AUTO
HAMMER EFF (%) 103

STRUCT. NO. 099-8302
Station 307+44.30

BORING NO. CB-02
Station
Offset
Ground Surface Elev. 613.61 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 592.6 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
613.11 6.0 inches of Asphalt			
FILL: SILTY CLAY (CL/ML), trace gravel, trace asphalt, organics/topsoil, Stiff, Dark Gray, Moist	3		
	3	2.5	19
	3	B	
	2		
-5	1	1.7	23
	2	B	
607.61 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Brown, Moist	1		
	1	1.7	24
	1	B	
	2		
-10	2	2.7	21
	4	B	
	4		
601.61 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Gray, Moist	6	4.2	18
	9	B	
	4		
	5	3.1	18
-15	7	B	
	2		
	2	1.7	21
	3	B	
	WH		
593.61 -20	3	1.5	17
	10	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND (SP), with gravel, Medium Dense, Gray, Moist	14		
592.61 GRAVEL (GP), with sand, Medium Dense, Gray, Wet	10		14
	8		
	5		
	7		11
-25	6		
	6		
	27		32
586.11 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Gray, Very Moist	16		
	9		
	4	4.0	17
-30	7	B	
	3		
	4	3.3	29
	6	B	
	3		
	4	2.1	33
-35	5	B	
	2		
	1	1.5	34
	3	B	
	1		
573.61 -40	1	1.5	31
	2	B	

End of Boring

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)

Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

Date 7/24/24

ROUTE FAP 846/IL 53 DESCRIPTION Culvert Boring LOGGED BY EH

SECTION 2021-064-CR LOCATION IL 53, SEC. , TWP. , RNG. ,
Latitude 41.3845418, Longitude -088.1226272

COUNTY WILL DRILLING RIG GEOPROBE
DRILLING METHOD HSA HAMMER TYPE AUTO
HAMMER EFF (%) 103

STRUCT. NO. 099-8302
Station 307+44.30

BORING NO. CB-03
Station
Offset
Ground Surface Elev. 618.24 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter ft
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
617.74 6.0 inches of Reinforced Concrete			
FILL: SILTY CLAY, trace gravel, Brown to Gray, Very Moist	3		
	2	2.1	23
	2	B	
	1		
	2	2.1	27
-5	1	B	
612.24 FILL: SILTY CLAY, trace gravel, Gray, Black and Brown, Very Moist	2		
	3	2.9	28
	2	B	
	WH		
	2	0.5	33
-10	2		
607.24 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Brown, Very Moist	3		
	1	1.0	26
	2	B	
604.74 SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Gray and Dark Brown, Very Moist	2		
	2	2.1	33
-15	3	B	
	2		
	3	1.7	29
	3	B	
599.74 SILTY CLAY (CL/ML), trace gravel, Hard to Very Hard, Gray, Moist	4		
	5	4.2	19
-20	4	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY CLAY (CL/ML), trace gravel, Hard to Very Hard, Gray, Moist *(continued)*	5		
	8	8.3	16
	11	B	
	6		
	9	6.3	17
-25	11	B	
592.24 GRAVEL (GP), with sand, trace clay, Medium Dense to Dense, Gray, Moist	18		
	13		11
	13		
	10		
	24		8
-30	13		
	8		
	6		15
	5		
584.74 SILTY CLAY (CL/ML), trace gravel, Very Stiff, Gray, Very Moist	4		
	4	3.3	27
-35	6	B	
	2		
	2	2.5	31
	4	B	
	2		
-40	3	2.9	29
	5	B	

578.24 End of Boring

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: Soil Boring Logs [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56078107 - 62P01 - Soil Boring Logs.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-405-9010 F:312-466-9015

USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 10/16/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO: 099-8302

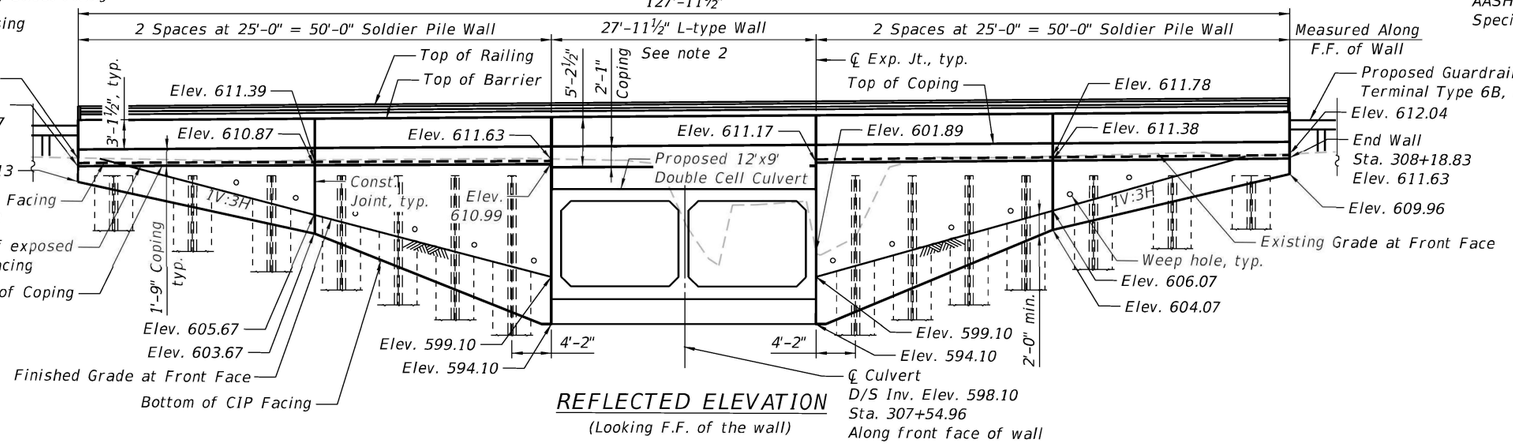
SCALE: | SHEET SA7 OF SA7 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	101
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		

Benchmark: Square cut in NE corner concrete base of TCB in NW corner of IL 53 and IRA Morgan St. Elev. 643.04

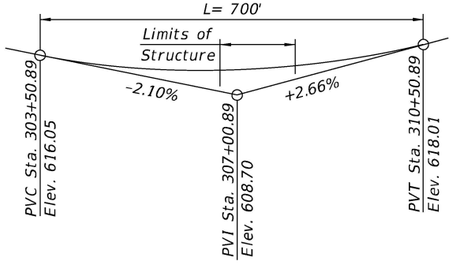
Existing Structure: Existing Sheet Piling

Traffic to be maintained using stage construction

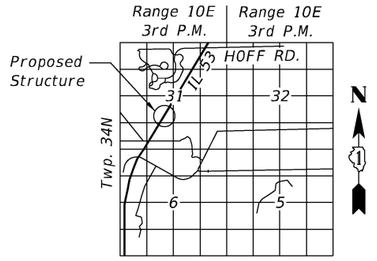


REFLECTED ELEVATION

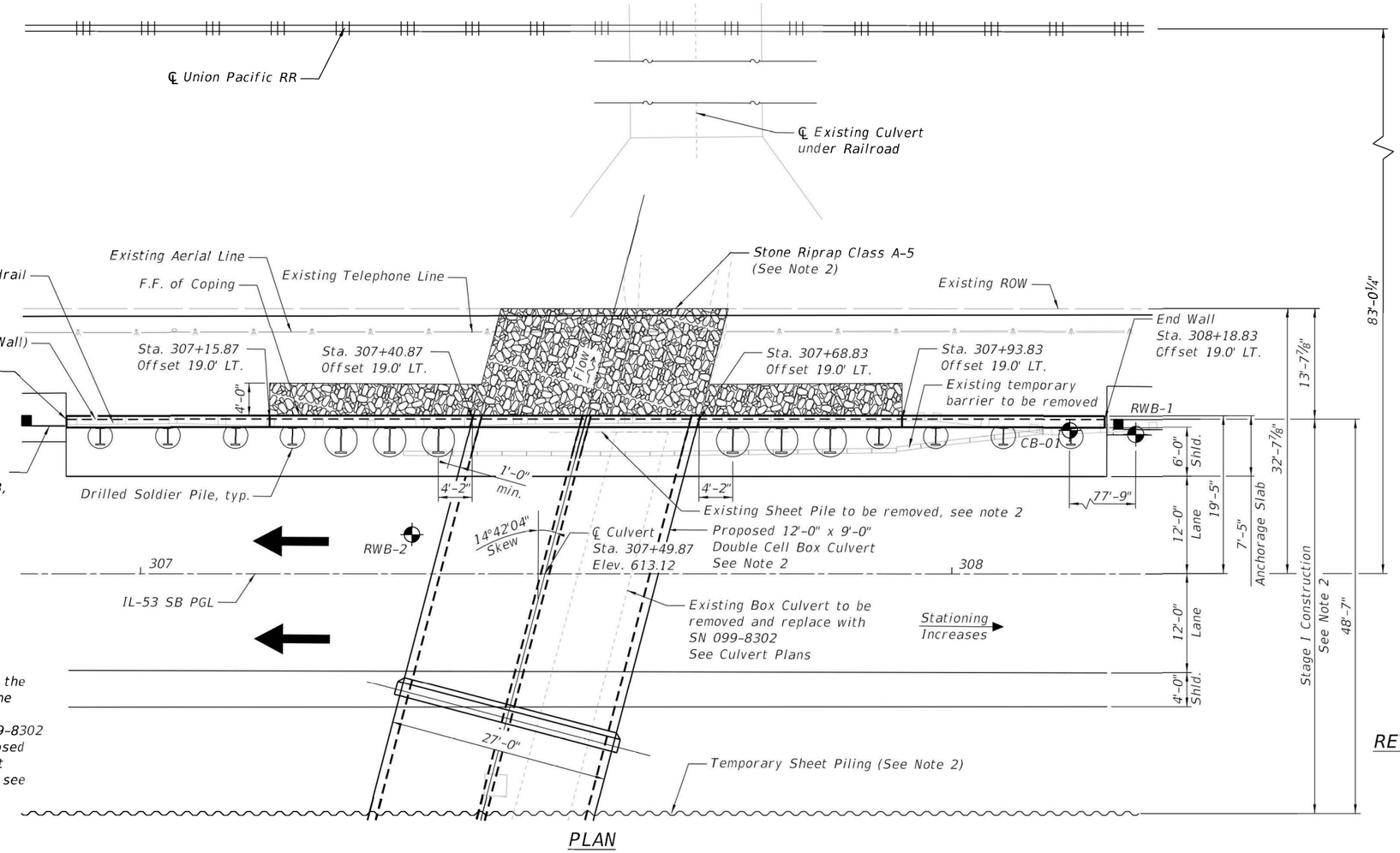
(Looking F.F. of the wall)



ROUTE IL 53 SB PROFILE GRADE



LOCATION SKETCH



Notes:
1. Offsets measured from the SB PGL of IL Rte. 53 to the front face of CIP Facing.
2. See Box Culvert SN 099-8302 plans for details of proposed 12' x 9' double cell culvert
3. For Top of CIP Facing, see sheets SB-03 and SB-04

PLAN

DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specifications, 10th Edition, 2024

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
f'c = 4,000 psi (Concrete Superstructure)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

LEGEND

- Existing Aerial Line
- Existing Telephone Line
- Existing Guardrail
- Proposed Guardrail
- Soil Boring

LICENSED STRUCTURAL ENGINEER
CHANDANI BHAGAT
081-008090
STATE OF ILLINOIS

C P bhagat 11/05/2025

Chandani Bhagat, PE, SE — Date
Licensed Structural Engineer
State of Illinois 081-008090
Expires 11/30/2026

GENERAL PLAN & ELEVATION
RETAINING WALL ALONG IL RTE. 53 (F.A.P. 846)
SECTION 2021-064-CR
WILL COUNTY
STATION 306+90.87 TO 308+18.83
STRUCTURE NO: 099-W1004

MODEL: Wall GPE [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms580781\SN 099-W1004_01_GPE.dgn

Primera
550 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-455-9015 F:312-454-9015

USER NAME = JEssner	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 1/8/2026	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO: 099-W1004

SCALE: | SHEET SB1 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	102
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Concrete sealer shall be applied to exposed surfaces of the new wall and back face of anchorage slab.
3. Protective coat shall be applied to top of anchorage slab, front face of barrier, and top of barrier.
4. Wall to be built along straight chords between any two adjacent construction joints and/or expansion joints.
5. It shall be the Contractor's responsibility to verify locations of all utilities in the field prior to construction activities and to ensure that construction activities do not have detrimental effects on adjacent utilities and other facilities. Any damage to existing utilities and/or facilities caused by the Contractor in the performance of his or her work shall be repaired by the Contractor, to the satisfaction of the Engineer, at no cost to the Department.
6. The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.
7. All exposed concrete edges shall be chamfered ¾" except as noted.
8. All structural steel shall conform to the requirements of AASHTO M 270 Gr. 50.

PILE LAYOUT

Pile	Station	Offset	Top of Pile Elev.	Top of Pile Encasement	Section	Minimum Pile Tip Elev.	Pile Length	No. Shear Studs
1	306+95.04	16.92' LT.	609.64	608.22	W24x229	574.64	35	2
2	307+03.37	16.92' LT.	609.66	606.40	W24x229	574.66	35	3
3	307+11.70	16.92' LT.	609.69	604.58	W24x229	574.69	35	5
4	307+18.70	16.92' LT.	609.72	602.58	W24x229	574.72	35	7
5	307+24.70	16.42' LT.	609.74	600.29	W36x395	564.74	45	9
6	307+30.70	16.42' LT.	609.77	597.99	W36x395	564.77	45	12
7	307+36.70	16.42' LT.	609.80	595.69	W36x395	564.80	45	14
8	307+73.00	16.42' LT.	610.04	595.76	W36x395	565.04	45	14
9	307+79.00	16.42' LT.	610.08	598.15	W36x395	565.08	45	12
10	307+85.00	16.42' LT.	610.13	600.55	W36x395	565.13	45	10
11	307+91.00	16.92' LT.	610.19	602.94	W24x229	575.19	35	7
12	307+98.00	16.92' LT.	610.25	605.05	W24x229	575.25	35	5
13	308+06.33	16.92' LT.	610.33	607.02	W24x229	575.33	35	3
14	308+14.66	16.92' LT.	610.42	608.98	W24x229	575.42	35	2

Stations and offsets are measured from the IL-53 SB PGL to the center of the pile encasement.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structure Excavation	Cu Yd	29
Concrete Structures	Cu Yd	31.9
Concrete Superstructure	Cu Yd	65.0
Protective Coat	Sq Yd	144
Stud Shear Connectors	Each	105
Reinforcement Bars, Epoxy Coated	Pound	18,010
Parapet Railing	Foot	128
Name Plates	Each	1
Furnishing Soldier Piles (W Section)	Foot	550
Drilling And Setting Soldier Piles (In Soil)	Cu Ft	4,235
Untreated Timber Lagging	Sq Ft	662.5
Granular Backfill For Structures	Cu Yd	33
Concrete Sealer	Sq Ft	850
Geocomposite Wall Drain	Sq Yd	74

INDEX OF SHEETS

SB1 – General Plan and Elevation
SB2 – General Notes and Bill of Material
SB3 – Wall Plan and Elevation I
SB4 – Wall Plan and Elevation II
SB5 – Anchorage Slab Plan and Elevation
SB6 – Retaining Wall Sections and Details
SB7 – Anchorage Slab Sections and Details
SB8 – Parapet Railing I
SB9 – Parapet Railing II
SB10 – Soil Boring Logs I
SB11 – Soil Boring Logs II
SB12 – Soil Boring Logs III

SUGGESTED SEQUENCE OF CONSTRUCTION

1. Located all existing utilities that are remaining. The contractor shall coordinate any required improvements to, or removals of the existing utilities with utility owner(s) and IDOT.
2. Install temporary sheet pile, remove existing culvert and sheet pile wall, see SN: 099-8302 plans.
3. Grade the area to match with the finished grade at the FF. Drill the shaft excavations for soldier piles to the specified bottom elevations maintaining required tolerances and hole stability.
4. Remove loose material and excess water from the excavated shafts. Place Soldier Piles in holes as shown on plans.
5. Place class SI concrete in the holes to the level of the base of the proposed concrete facing, then place the Controlled Low Strength Material (C.L.S.M.) to the ground surface.
6. After all concrete has attained the required design strength, excavate the soil in front of the wall to the proposed grade with simultaneous removal of C.L.S.M. at the face of soldier piles and place lagging as specified.
7. Construct the culvert and the head wall, see SN: 099-8302 plans.
8. Place the shear studs on the piles and construct the Concrete Facing.
9. Fill the excavated area behind the wall with granular back fill for structures.
10. Construct Anchorage Slab and Barrier.
11. Complete final grading at the base of wall.

STATION 306+90.87 to 308+18.83
BUILT 20-- BY
STATE OF ILLINOIS
FAP RTE 846 SEC. 2021-064-CR
LOADING HL-93
STRUCTURE NO. 099-W1004

NAME PLATE

See Std. 515001

MODEL: General Notes and BOM [Sheet]
FILE NAME: c:\pwworking\jrtmera\pwprod\jessner\dms560769\SN 099-W1004_02_General Notes and BOM.dgn

Primera
559 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-655-9010 F:312-655-9015

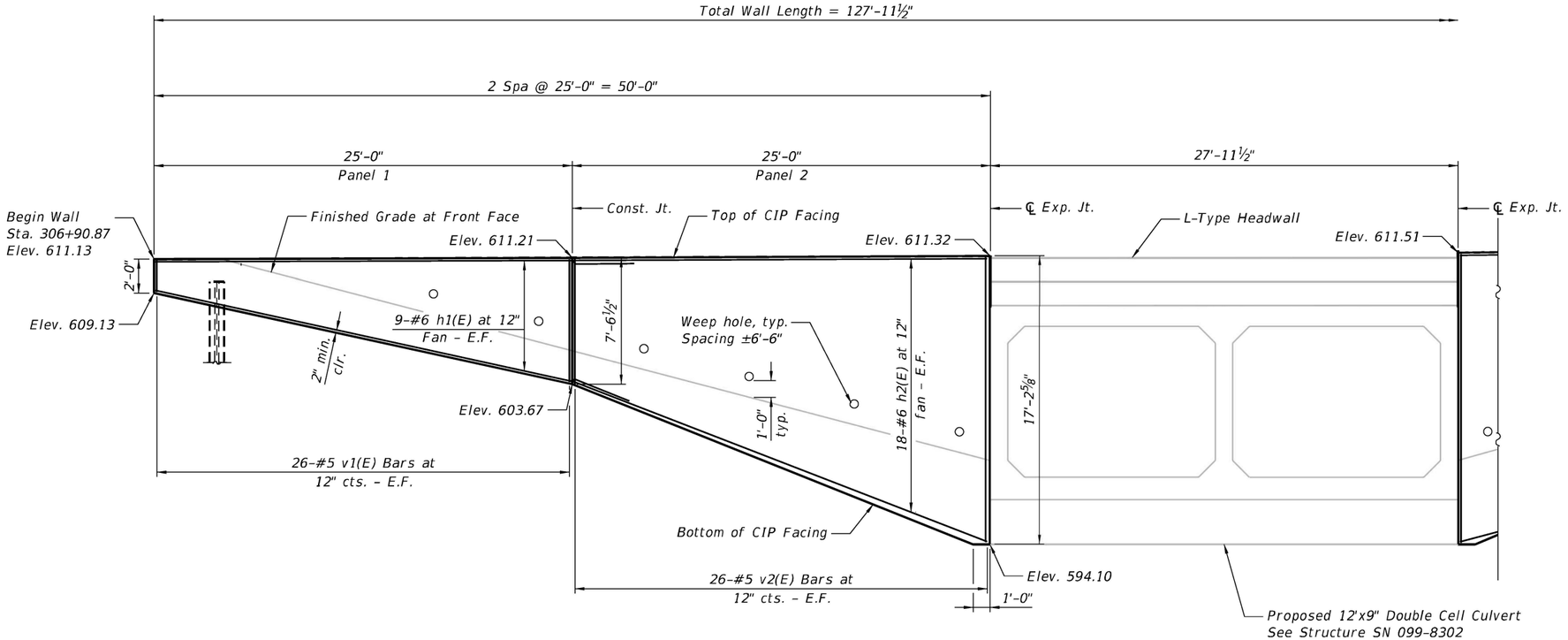
USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND BILL OF MATERIAL
STRUCTURE NO: 099-W1004

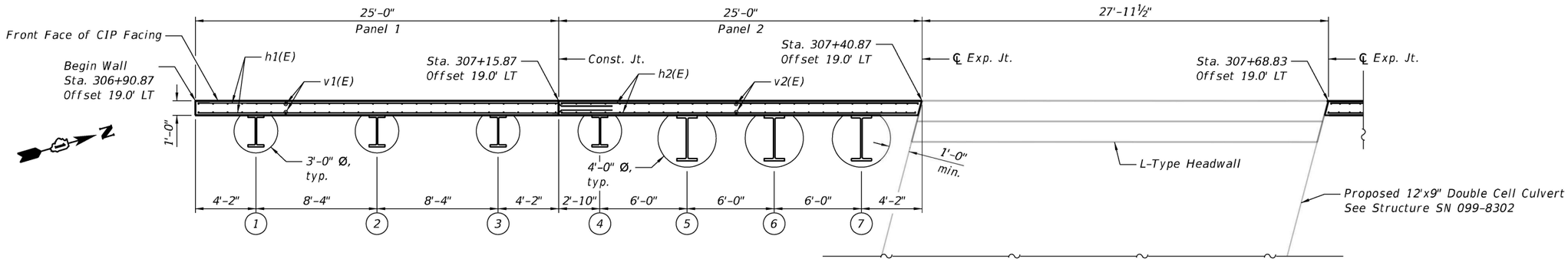
SCALE: | SHEET SB2 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	103
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



REFLECTED ELEVATION

Sta. 306+90.87 to Sta. 307+40.87



RETAINING WALL PLAN

Sta. 306+90.87 to Sta. 307+40.87

Notes:
1. Offsets measured from the SB PGL of IL Rte. 53 to the front face of CIP Facing.
2. See Box Culvert SN 099-8302 plans for details

Minimum Lap
#6 Bars = 3'-9"

MODEL: Wall Plan and Elevation I [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms558078\SN 099-W1004_03_Wall Plan and Elevation I.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO, IL 60661 P:312-655-9010 F:312-655-9015

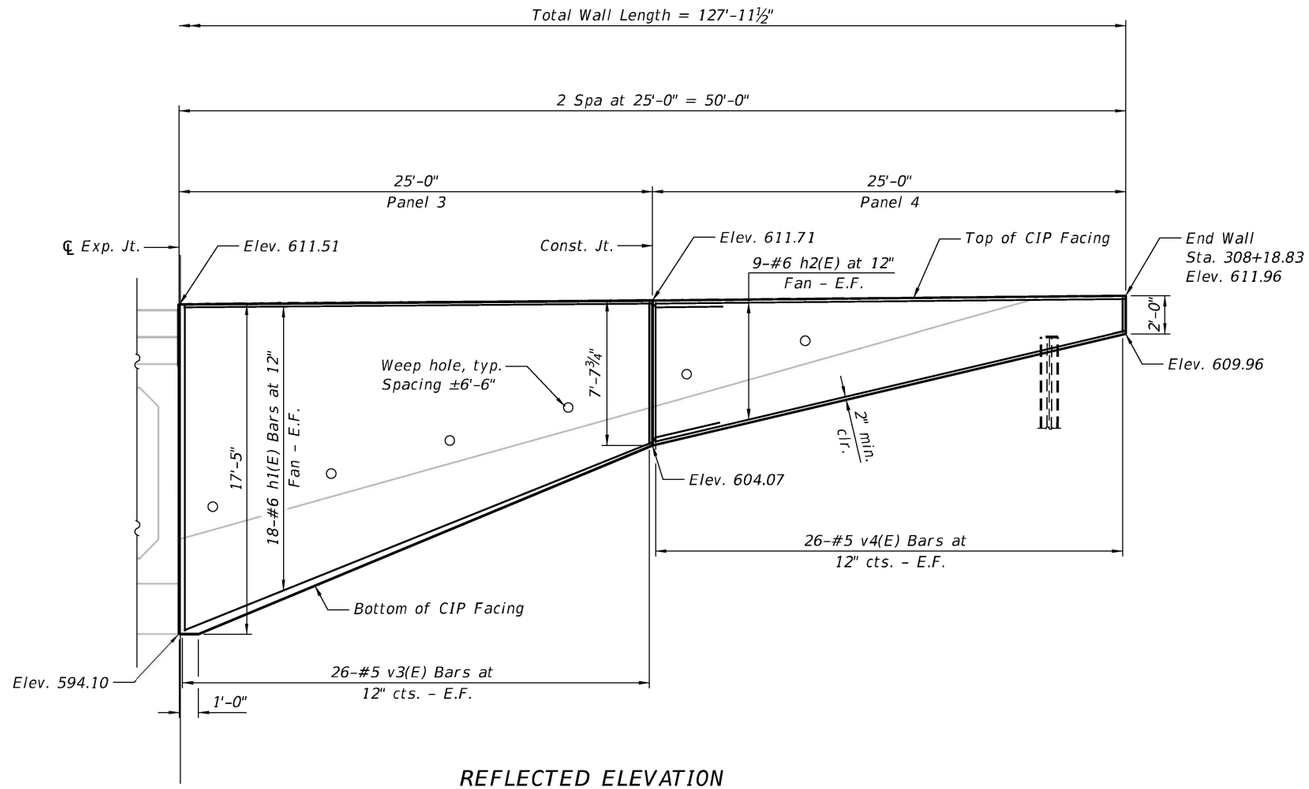
USER NAME = JEssner	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL PLAN AND ELEVATION I
STRUCTURE NO: 099-W1004

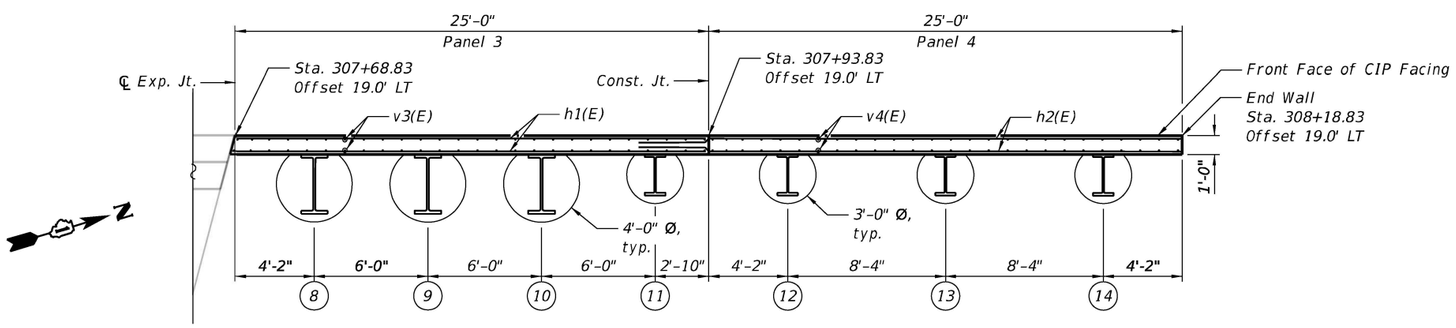
SCALE: | SHEET SB3 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	104
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



REFLECTED ELEVATION

Sta. 307+68.83 to Sta. 308+18.83



RETAINING WALL PLAN

Sta. 307+68.83 to Sta. 308+18.83

Notes:
1. Offsets measured from the SB PGL of IL Rte. 53 to the front face of CIP Facing.
2. See Box Culvert SN 099-8302 plans for details

Minimum Lap
#6 Bars = 3'-9"

MODEL: Wall Plan and Elevation II [Sheet]
FILE NAME: c:\pwworking\ptmera\pwprod\jessner\dms5607\SN 099-W1004_04_Wall Plan and Elevation II.dgn

Primera
550 W. JACKSON BLVD. SUITE 800 . CHICAGO IL 60661 P:312-405-9010 F:312-408-9015

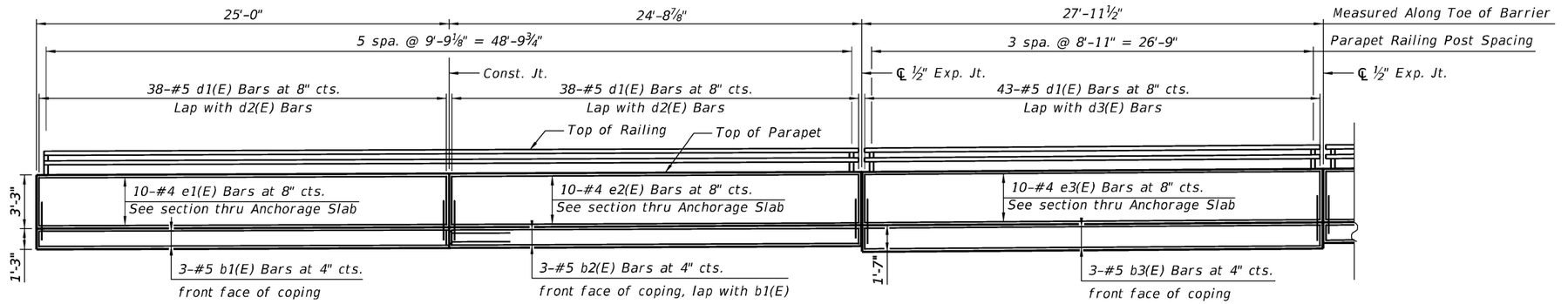
USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WALL PLAN AND ELEVATION II
STRUCTURE NO: 099-W1004

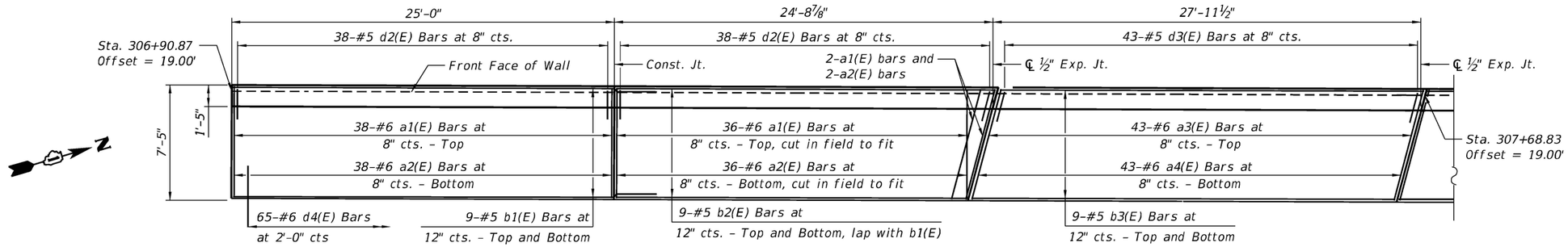
SCALE: | SHEET SB4 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	105
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		



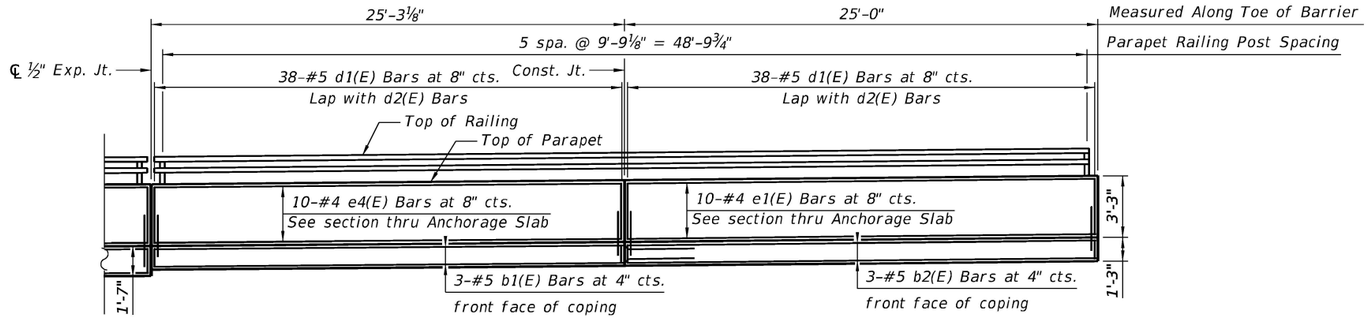
ANCHORAGE SLAB ELEVATION

Sta. 306+90.87 to Sta. 307+68.83
(Looking at Front Face of Parapet)



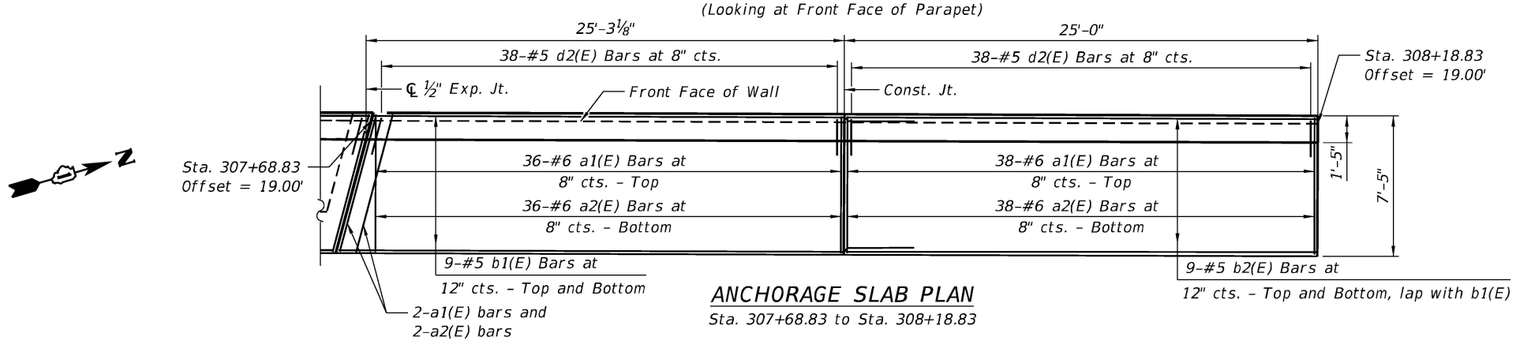
ANCHORAGE SLAB PLAN

Sta. 306+90.87 to Sta. 307+68.83



ANCHORAGE SLAB ELEVATION

Sta. 307+68.83 to Sta. 308+18.83
(Looking at Front Face of Parapet)



ANCHORAGE SLAB PLAN

Sta. 307+68.83 to Sta. 308+18.83

Minimum Lap
#5 Bars = 3'-10"

MODEL: Anchorage Slab Plan and Elevation [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms550781SN 099-W1004_05_Anchorage Slab Plan and Elevation.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO, IL 60661 P:312-655-9010 F:312-655-9015

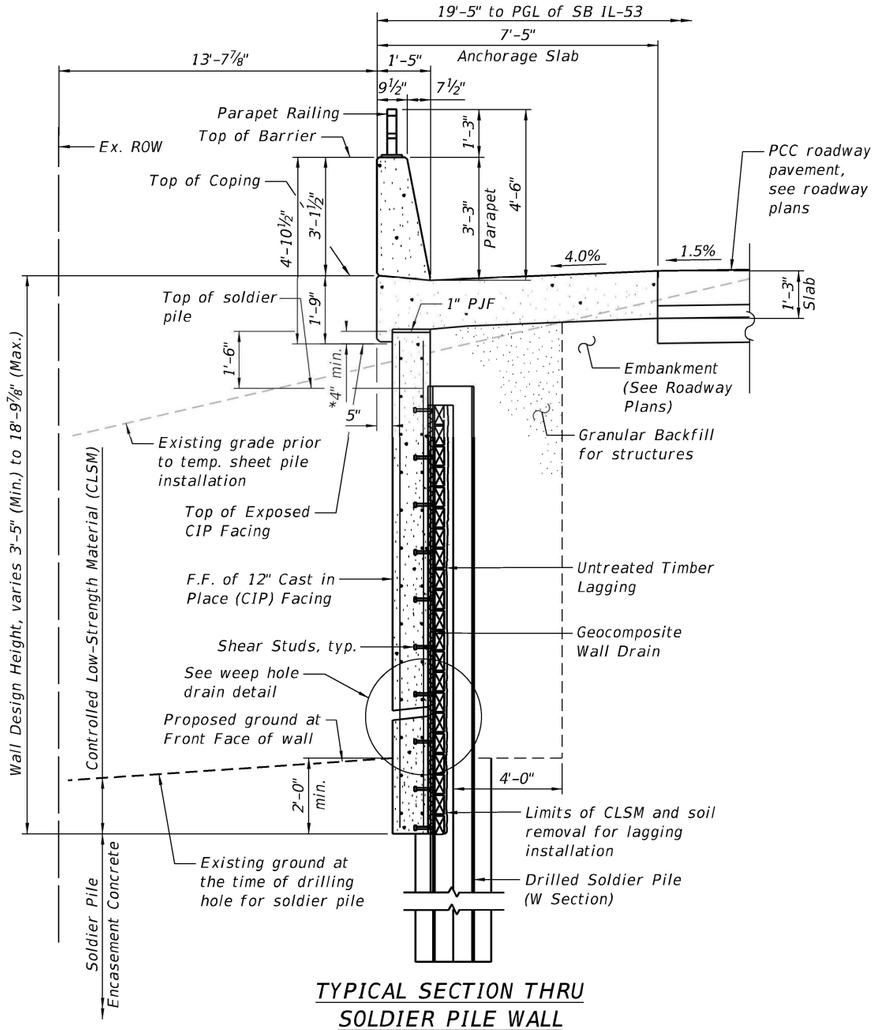
USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ANCHORAGE SLAB PLAN AND ELEVATION
STRUCTURE NO: 099-W1004

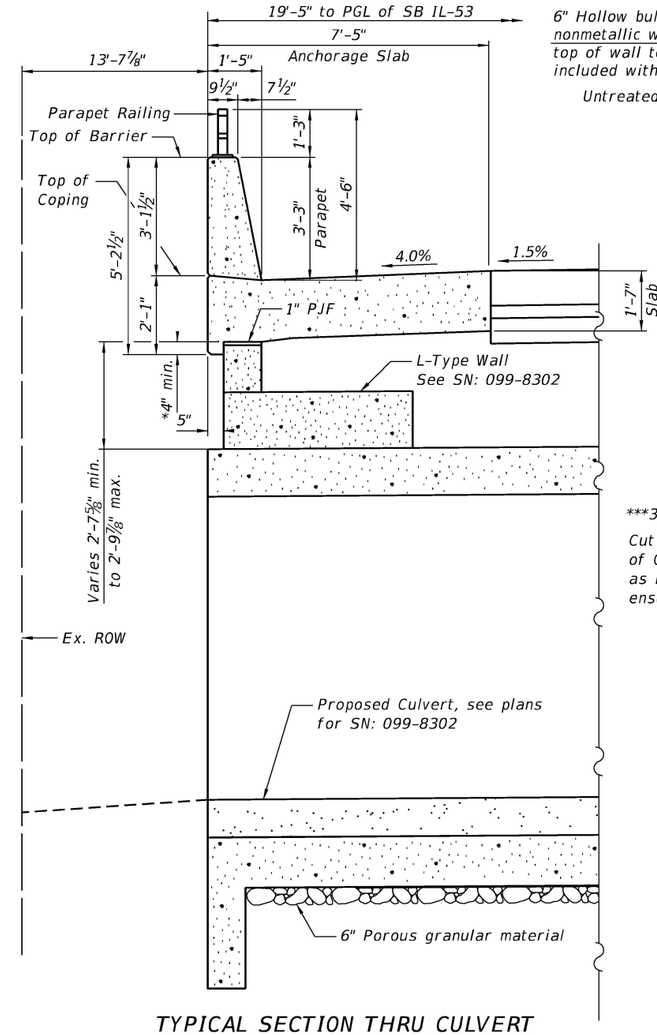
SCALE: | SHEET SB5 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	106
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



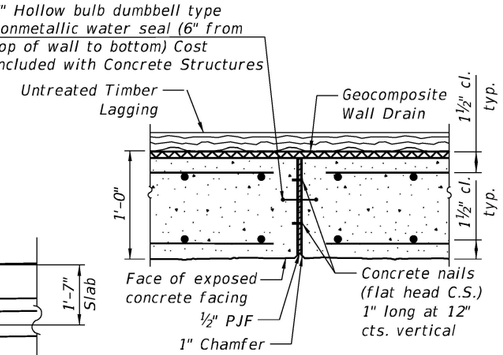
TYPICAL SECTION THRU SOLDIER PILE WALL

* Limits of bond breaker membrane between front of panel and overhang.

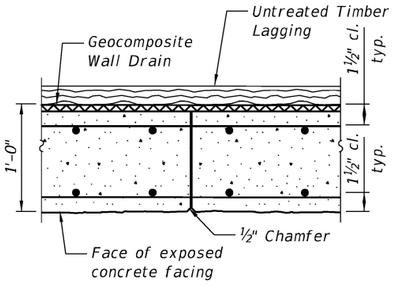


TYPICAL SECTION THRU CULVERT

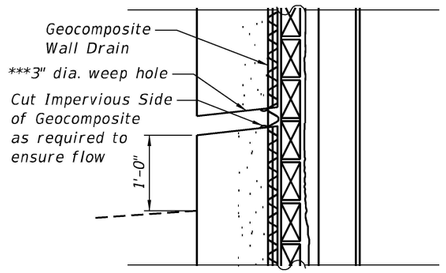
* Limits of bond breaker membrane between front of panel and overhang.



EXPANSION JOINT

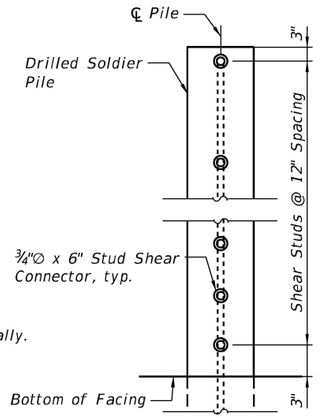


CONSTRUCTION JOINT

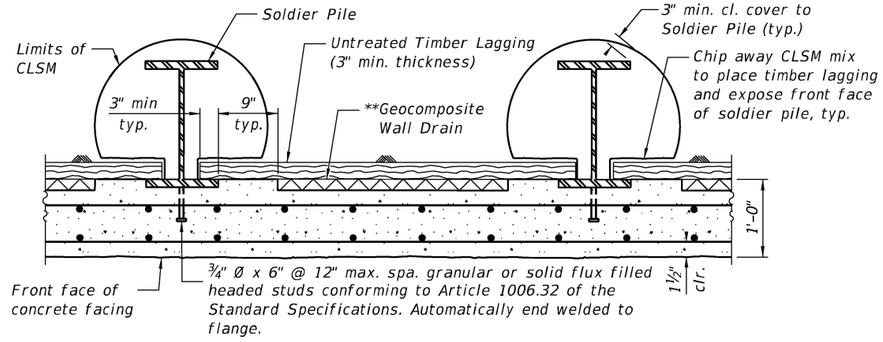


WEEP HOLE DRAIN DETAIL

*** Weep hole spacing shall be at ℄ 8'-0" horizontally.



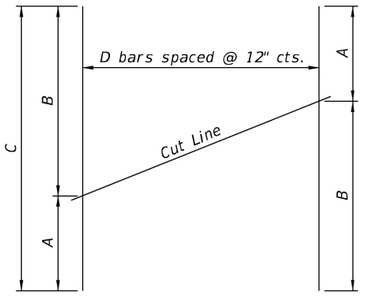
SHEAR STUD DETAIL



SECTION THRU DRILLED SOLDIER PILE WALL

RETAINING WALL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	54	#6	28'-7"	———
h2(E)	54	#6	24'-8"	———
v1(E)	26	#5	8'-11"	———
v2(E)	26	#5	24'-2"	———
v3(E)	26	#5	24'-5"	———
v4(E)	26	#5	9'-0"	———
Concrete Structures		Cu. Yd.	31.9	
Concrete Sealer		Sq. Ft.	850	
Reinforcement Bars, Epoxy Coated		Pound	6,130	



SERIES OF BAR FIELD CUTTING DIAGRAM

Order v(E) bars full length. Cut as shown and use remainder bar on opposite face.

Bar	A	B	C	D
v1(E)	1'-8"	7'-3"	8'-11"	26
v2(E)	7'-3"	16'-11"	24'-2"	26
v3(E)	7'-4"	17'-1"	24'-5"	26
v4(E)	1'-8"	7'-4"	9'-0"	26

MODEL: Retaining Wall Sections and Details [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56078\SN 099-W1004_06_Retaining Wall Sections and Details.dgn

Primera
554 W. JACKSON BLVD. SUITE 800 . CHICAGO IL 60661 P:312-605-9810 F:312-606-9615

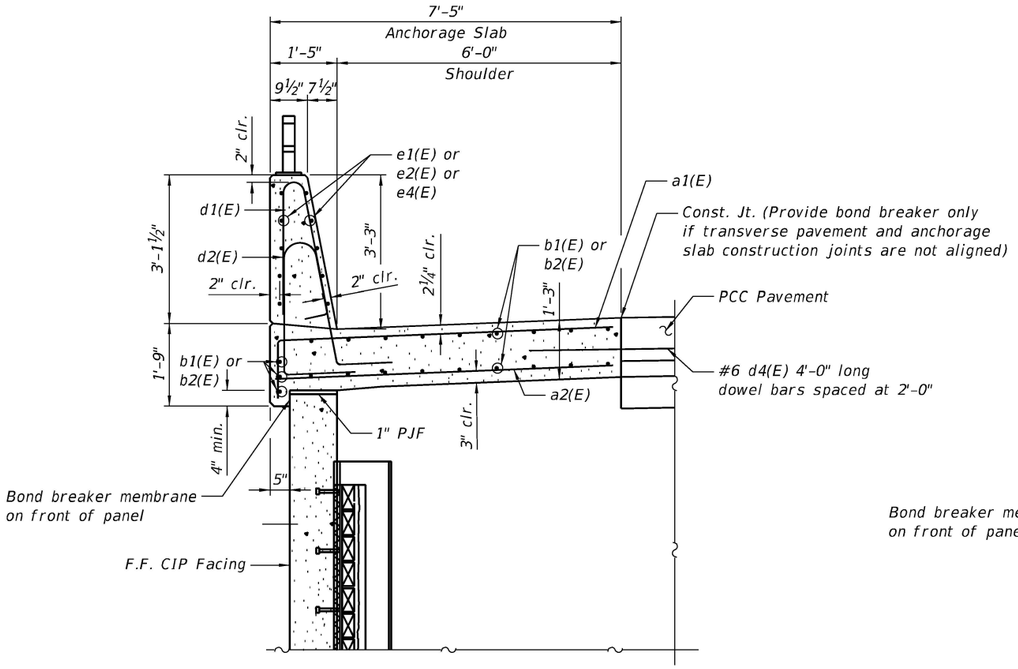
USER NAME = JEssner	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

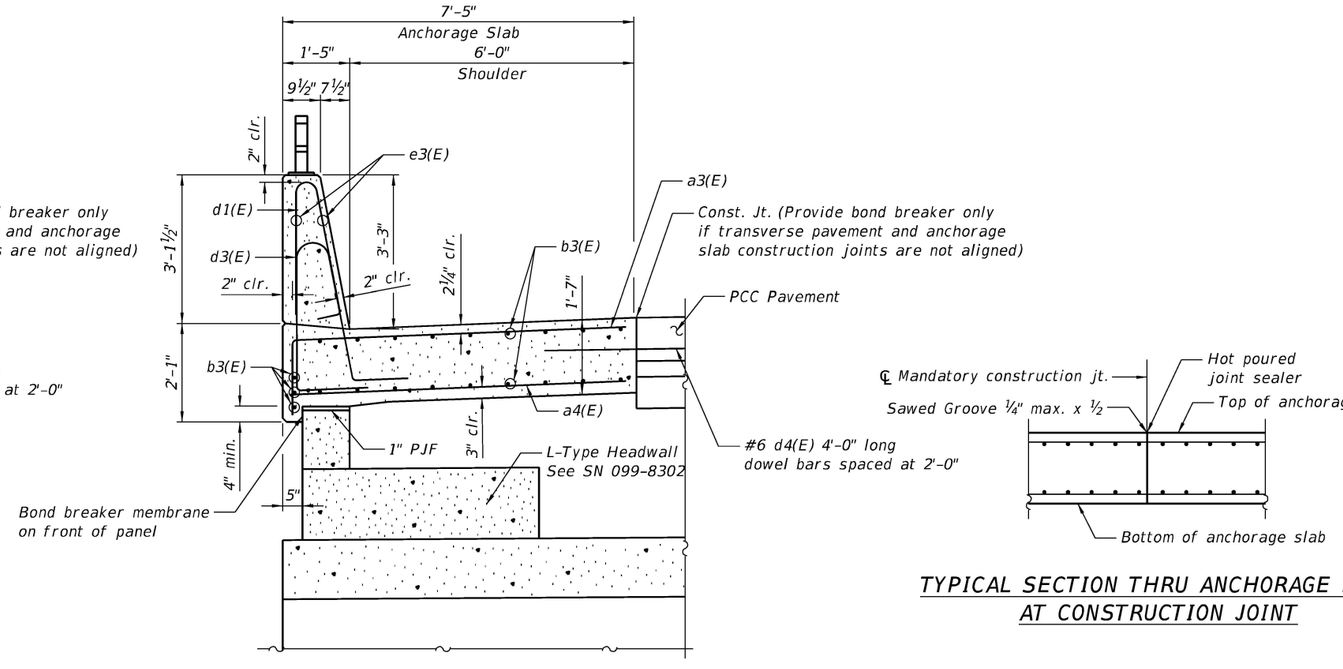
RETAINING WALL SECTIONS AND DETAILS
STRUCTURE NO: 099-W1004

SCALE: | SHEET SB6 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	107
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

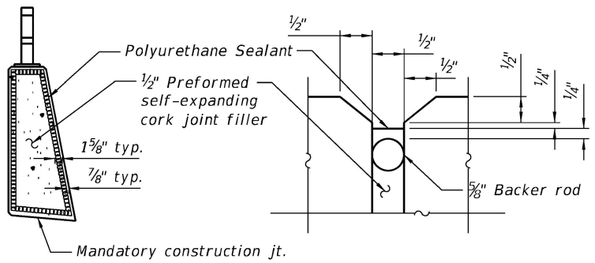


ANCHORAGE SLAB SECTION THRU SOLDIER PILE WALL



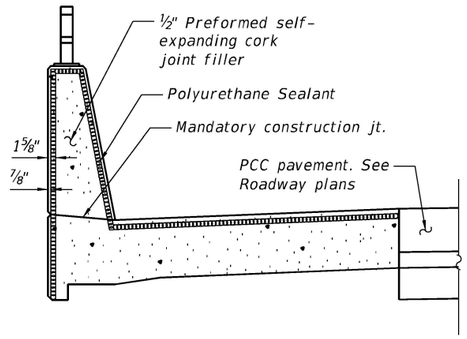
ANCHORAGE SLAB SECTION THRU CULVERT

TYPICAL SECTION THRU ANCHORAGE SLAB AT CONSTRUCTION JOINT



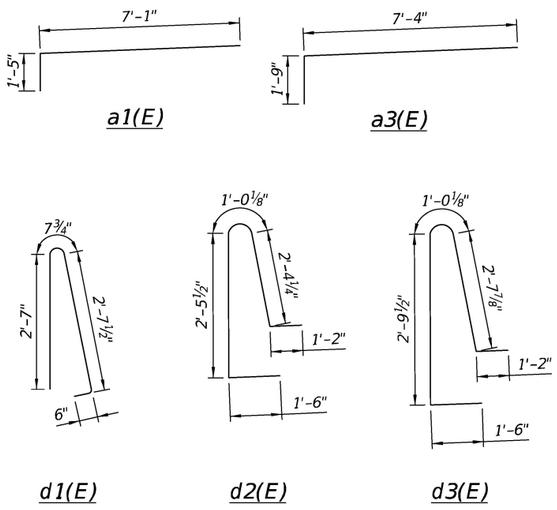
BARRIER JOINT DETAIL AT EXPANSION JOINT

The polyurethane sealant shall be according to Article 1050.04 of the Standard Specifications and the color shall be gray.



EXPANSION JOINT DETAIL

(at Anchorage Slab Exp. Joint Location)
The polyurethane sealant shall be according to Article 1050.04 of the Standard Specifications and the color shall be gray.



ANCHORAGE SLAB BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	152	#6	8'-6"	
a2(E)	152	#6	7'-1"	
a3(E)	43	#6	9'-1"	
a4(E)	43	#6	7'-4"	
b1(E)	42	#5	29'-5"	
b2(E)	42	#5	24'-4"	
b3(E)	21	#5	27'-8"	
d1(E)	195	#5	6'-5"	
d2(E)	152	#5	8'-6"	
d3(E)	43	#5	9'-2"	
d4(E)	65	#6	4'-0"	
e1(E)	20	#4	24'-8"	
e2(E)	10	#4	24'-4"	
e3(E)	10	#4	27'-7"	
e4(E)	10	#4	24'-11"	
Concrete Superstructure		Cu. Yd.	65.0	
Protective Coat		Sq. Yd.	144	
Concrete Sealer		Sq. Ft.	850	
Reinforcement Bars, Epoxy Coated		Pound	11,880	

MODEL: Anchorage Slab Section and Details [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms5607878\SN 099-W1004_07_Anchorage Slab Sections and Details.dgn

Primera
550 W. JACKSON BLVD. SUITE 600 . CHICAGO IL 60661 P:312-655-9010 F:312-486-9015

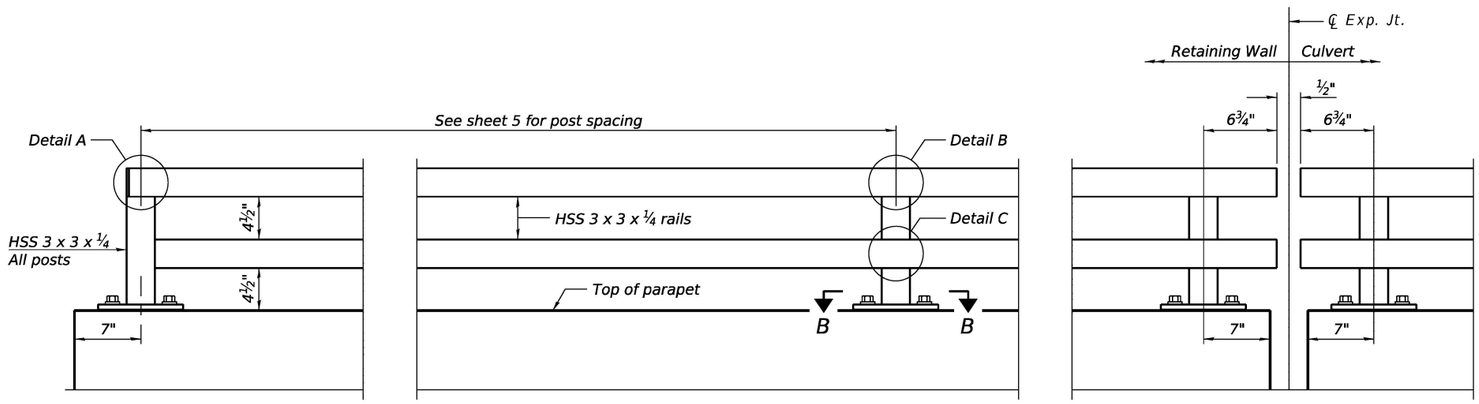
USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/14/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

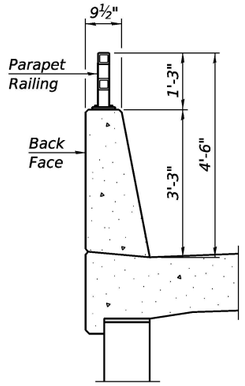
ANCHORAGE SLAB SECTIONS AND DETAILS
STRUCTURE NO: 099-W1004

SCALE: | SHEET SB7 OF SB12 SHEETS | STA. | TO STA.

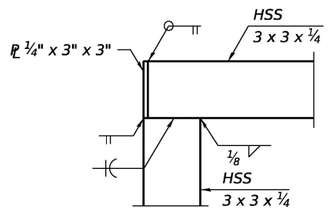
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	108
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



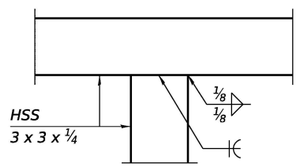
ELEVATION PARAPET RAILING
(Inside face)



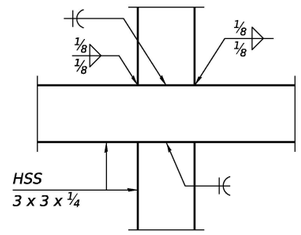
SECTION THRU ANCHORAGE SLAB



DETAIL A



DETAIL B



DETAIL C

RAILING CRITERIA

MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Max Post Spacing	10'-0''

MODEL: Parapet Railing I [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms5607815N 099-W1004_08_Parapet Railing I.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-655-9010 F:312-606-9015

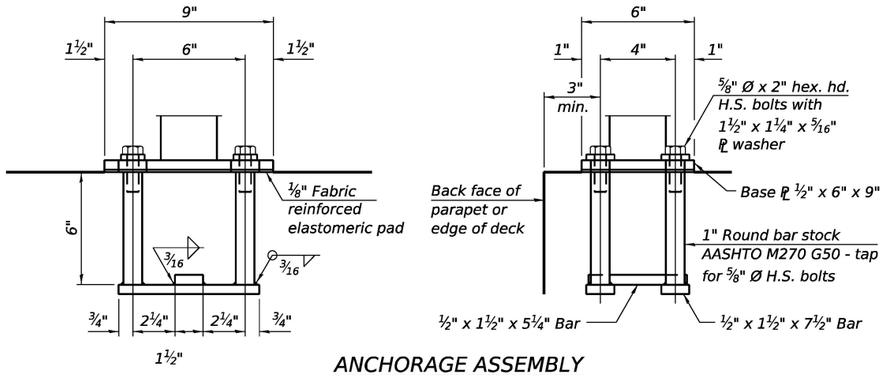
USER NAME = JEssner | DESIGNED - AIM | REVISED -
DRAWN - JVE | REVISED -
CHECKED - CPB | REVISED -
PLOT DATE = 10/30/2025 | DATE - 11/05/2025 | REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET RAILING I
STRUCTURE NO: 099-W1004

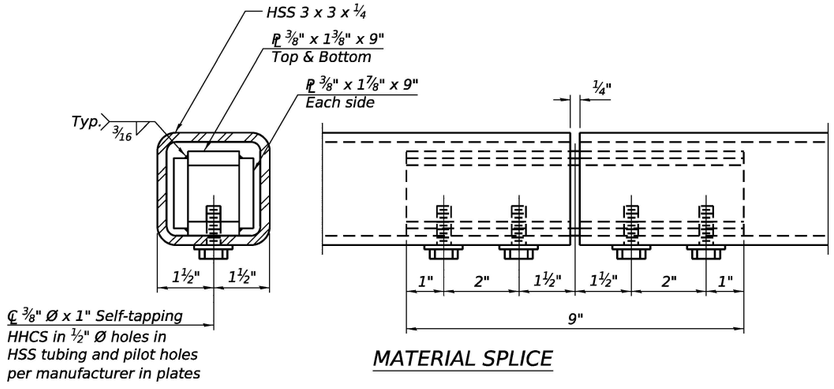
SCALE: | SHEET SB8 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	109
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



ANCHORAGE ASSEMBLY

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



MATERIAL SPLICE

Notes:

Place reinforcement bars to miss anchor rod locations.

All HSS tubing used for the Parapet Railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.

All HSS tubing used for the Parapet Railing shall be ASTM A500 grade C.

All base plates used for the Parapet Railing shall be AASHTO M270 grade 50.

All heavy hex nuts shall be according to ASTM A 563 grade DH.

All fully threaded anchor rods shall be ASTM F1554 grade 105.

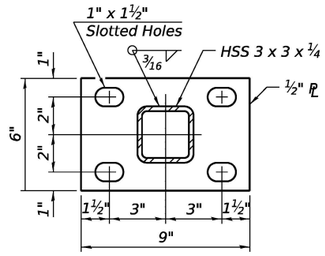
The post base plate shall be fastened to the curb snug tight and given an additional ⅛" turn.

Contractor shall offset posts to miss any aluminum sheet or cork joints for sufficient installation of the anchorage assembly.

Rail splice inserts may be built out of bent plates of the same thicknesses and outside geometry limits as the 4 plate rail splice inserts shown.

When the contract specifies a galvanized railing, all steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications. When the contract specifies a painted railing, all posts, rail, splices, anchor devices and plates of the railing shall be painted according to the paint system for railings as specified in the General Notes.

See sheet SB5 of SB11 for dimensions of concrete openings at expansion joints.



SECTION B-B

TABLE OF DIMENSIONS

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2½"	1'-2"	2'-4"	4"	6½"
Over Finger or Modular Jt.	≤9½"	5½"	1'-7¾"	3'-3½"	6¼"	10"
Over Finger or Modular Jt.	≤15"	8¼"	2'-1¼"	4'-2½"	9"	14⅛"
At Light Poles	8"	NA - Coordinate 8" Wide Access With Fabricator				
At Bridge Relief Joints	NA - Material Splices Per Fabricator					

T= ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.
OR
8" hand-hole access for maintenance of light poles (when present; replace splice with 8" gap).

BILL OF MATERIAL

Item	Unit	Quantity
Parapet Railing	Foot	128

MODEL: Parapet Railing II [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms560785N 099-W1004_09_Parapet Railing II.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-655-9010 F:312-655-9015

USER NAME = JEssner	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 10/30/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET RAILING II
STRUCTURE NO: 099-W1004

SCALE: | SHEET SB9 OF SB12 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	110
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
GSG Consultants

SOIL BORING LOG

Date 3/3/25

ROUTE FAP 846/IL 53 DESCRIPTION Retaining Wall Boring LOGGED BY AJ

SECTION 2021-064-CR LOCATION , SEC. , TWP. , RNG. ,

COUNTY WILL DRILLING METHOD HSA Latitude Longitude Diedrich D-50 HAMMER TYPE AUTO HAMMER EFF (%) 97.1

STRUCT. NO. SN 099-8302 Station N/A

BORING NO. RWB-1 Station Offset Ground Surface Elev. 613.90 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 592.9 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
8 inches of Asphalt 4 inches of Sand, with gravel Base	613.24 612.90			
Brown, Moist FILL: SILTY CLAY, trace sand, gravel		4 4 3	 3.5 P	 19
Dark Brown, Moist FILL: SILTY CLAY LOAM, trace sand, gravel	610.40	2 4 4	 5.4 S	 22
Medium Stiff Brown, Moist CLAY LOAM, trace gravel (CLS)	-5 607.90	2 2 4	 0.8 B	 25
Hard Brown and Gray, Moist SILTY CLAY, trace sand, gravel (CL/ML)	605.40 -10	3 3 4 4	 4.2 B	 22
Very Stiff to Hard Gray, Moist SILTY CLAY, trace gravel (CL/ML)	600.40 -15	3 7 10 4 5 7 4 4 6 4	 4.5 P 3.1 B 3.3 B	 19 16 18
	-20	5 11	6.3 B	14

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	592.90 ▼			
Medium Dense to Dense Gray, Moist SAND, with gravel (SPG)		11 18 14		14
	-25	4 6 6		17
		14 7 8		10
		8 9 6		15
	-30 579.40	7 8 5		12
Medium Stiff to Stiff Gray, Moist to Very Moist SILTY CLAY, trace sand, gravel (CL/ML)	-35	3 2 3	 1.3 B	 26
	-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)

Structure No. 099-W1004
Sta. 308+92.26
Offset = 17.18' LT.

Illinois Department of Transportation
Division of Highways
GSG Consultants

SOIL BORING LOG

Date 3/3/25

ROUTE FAP 846/IL 53 DESCRIPTION Retaining Wall Boring LOGGED BY AJ

SECTION 2021-064-CR LOCATION , SEC. , TWP. , RNG. ,

COUNTY WILL DRILLING METHOD HSA Latitude Longitude Diedrich D-50 HAMMER TYPE AUTO HAMMER EFF (%) 97.1

STRUCT. NO. SN 099-8302 Station N/A

BORING NO. RWB-1 Station Offset Ground Surface Elev. 613.90 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 592.9 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Stiff to Stiff Gray, Moist to Very Moist SILTY CLAY, trace sand, gravel (CL/ML) *(continued)*		2		
	-45	2 3	0.8 B	27
Cobbles at 48.5 feet		4		
	563.90 -50	5 6	1.0 P	36
End of Boring				
	-55			
	-60			

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)

Structure No. 099-W1004
Sta. 308+92.26
Offset = 17.18' LT.

MODEL: Soil Boring Logs I [Sheet]
FILE NAME: c:\pwworking\ptmeral\pwprod\jessner\dms5607\SN 099-W1004_10_Soil Boring Logs I.dgn

Primera
550 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60661 P:312-466-9610 F:312-466-9615

USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/8/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS I
STRUCTURE NO: 099-W1004

SCALE: SHEET SB10 OF SB12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	111
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
GSG Consultants

SOIL BORING LOG

Date 3/3/25

ROUTE FAP 846/IL 53 DESCRIPTION Retaining Wall Boring LOGGED BY AJ

SECTION 2021-064-CR LOCATION , SEC. , TWP. , RNG. ,

COUNTY WILL DRILLING RIG Latitude , Longitude Diedrich D-50 HAMMER TYPE AUTO
DRILLING METHOD HSA HAMMER EFF (%) 97.1

STRUCT. NO. SN 099-8302
Station N/A

BORING NO. RWB-2
Station
Offset
Ground Surface Elev. 612.40 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 591.4 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
611.65				9 inches of Asphalt
611.32				4 inches of Aggregate Base
	3			Dark Brown and Dark Gray, Moist
	3	0.4	21	FILL: CLAY LOAM, with gravel
	2	B		
608.90				
	1			Brown and Gray, Very Moist
	1	0.8	27	FILL: SILTY CLAY, trace sand
-5	1	B		
606.40				
	1			Very Soft to Medium Stiff
	2	0.5	25	Dark Gray, Very Moist
	3	P		CLAY LOAM, trace organics
				(CLS)
	2			
	3	0.2	39	
-10	3	B		
	2			
	2	0.8	31	
	2	B		
598.90				
	4			Stiff to Very Stiff
	5	1.7	16	Gray, Moist
-15	8	B		SILTY CLAY, trace sand, gravel
				(CL/ML)
	3			
	3	3.1	18	
	4	B		
	2			
-20	2	1.7	16	
	4	B		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
591.40 ▼				
	2			Medium Dense
	6		17	Gray, Moist to Wet
	7			SAND, with gravel (SPG)
	6			
	7		14	
-25	6			
	17			
	11		15	
	6			
	12			
	6		11	
-30	4			
	9			
	8		20	
-35	9			
573.90				
	2			Stiff
	2	1.0	34	Gray, Very Moist
572.40 -40	3	B		SILTY CLAY, trace sand, gravel

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)

Structure No. 099-W1004
Sta. 307+33.42
Offset = 4.80' LT.

Illinois Department of Transportation
Division of Highways
GSG Consultants

SOIL BORING LOG

Date 3/3/25

ROUTE FAP 846/IL 53 DESCRIPTION Retaining Wall Boring LOGGED BY AJ

SECTION 2021-064-CR LOCATION , SEC. , TWP. , RNG. ,

COUNTY WILL DRILLING RIG Latitude , Longitude Diedrich D-50 HAMMER TYPE AUTO
DRILLING METHOD HSA HAMMER EFF (%) 97.1

STRUCT. NO. SN 099-8302
Station N/A

BORING NO. RWB-2
Station
Offset
Ground Surface Elev. 612.40 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 591.4 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
				(CL/ML)
				End of Boring
-45				
-50				
-55				
-60				

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)

Structure No. 099-W1004
Sta. 307+33.42
Offset = 4.80' LT.

MODEL: Soil Boring Logs II [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms56078\SN 099-W1004_11_Soil Boring Logs II.dgn

Primera
550 W. JACKSON BLVD. SUITE 900 . CHICAGO IL 60661 P:312-655-9010 F:312-655-9015

USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/8/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II
STRUCTURE NO: 099-W1004

SCALE: SHEET SB11 OF SB12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	112
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Date 7/24/24

ROUTE FAP 846/IL 53 DESCRIPTION Culvert Boring LOGGED BY DV

SECTION 2021-064-CR LOCATION IL 53, SEC. , TWP. , RNG. ,

Latitude 41.3849650, Longitude -88.1228009

COUNTY WILL DRILLING RIG GEOPROBE HAMMER TYPE AUTO

DRILLING METHOD HSA HAMMER EFF (%) 103

STRUCT. NO. 099-8302
Station 307+44.30

BORING NO. CB-01
Station
Offset
Ground Surface Elev. 612.50 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 591.5 ft ▼
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
5.0 inches of Concrete 612.08				SILTY CLAY (CL/ML), trace gravel, Very Stiff, Gray, Moist *(continued)* 591.50 ▼	2		
3.0 inches of Asphalt Subbase 611.83	50/0			SAND (SP), trace gravel, Loose, Gray, Moist	3		18
FILL: Broken Concrete			7		6		
610.00				589.00	7		
FILL: SANDY SILT (MLS), trace gravel, Dark Gray, Very Moist	5			GRAVEL (GP), with sand, Medium Dense, Gray, Wet	11		11
	4		25		14		
607.50 -5	3			-25			
SILTY CLAY (CL/ML), trace gravel, Stiff to Very Stiff, Brown, Moist				586.50	4		
	WH			SILTY CLAY (CL/ML), trace gravel, trace sand, Stiff to Very Stiff, Gray, Very Moist	3	3.1	27
	1	1.3	26		6	B	
	1	B					
	2				3		
	2	3.3	20		4	2.9	24
-10	5	B		-30	7	B	
	3				2		
	4	3.1	19		3	3.3	30
	6	B			4	B	
599.00							
SILTY CLAY (CL/ML), trace gravel, Very Stiff, Gray, Moist	2				2		
	4	2.7	16		2	2.9	34
-15	5	B		-35	5	B	
	3				2		
	4	2.5	18		2	1.7	35
	6	B			3	B	
	3				1		
	4	2.5	18		2	2.1	30
-20	6	B		572.50 -40	1	B	
				End of Boring			

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)

Structure No. 099-W1004
Sta. 308+14.51
Offset = 17.65' LT.

MODEL: Soil Boring Logs III [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\jessner\dms580778\SN 099-W1004_12_Soil Boring Logs III.dgn

Primera
550 W. JACKSON BLVD. SUITE 800 . CHICAGO IL 60661 P:312-408-9012 F:312-408-9015

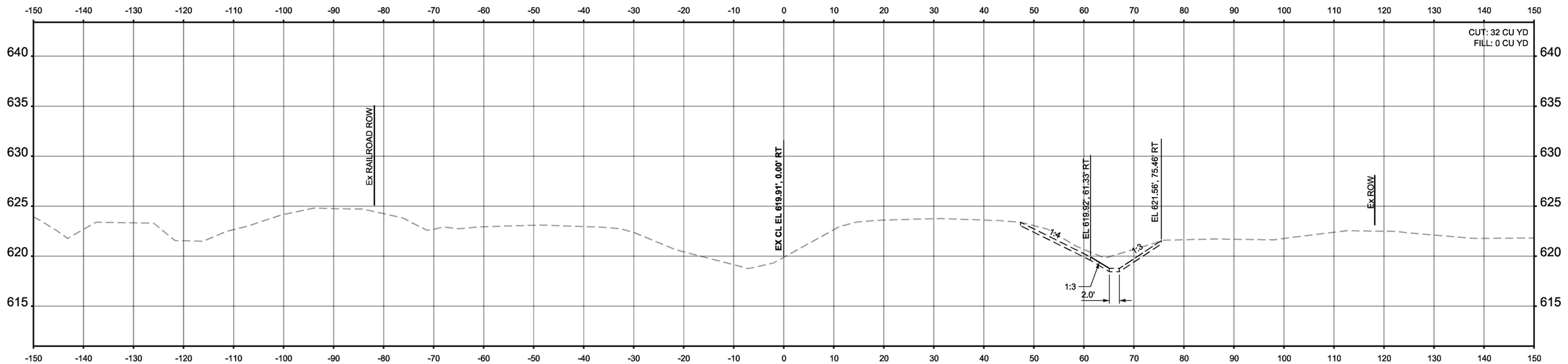
USER NAME = JEssner	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 1/8/2026	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

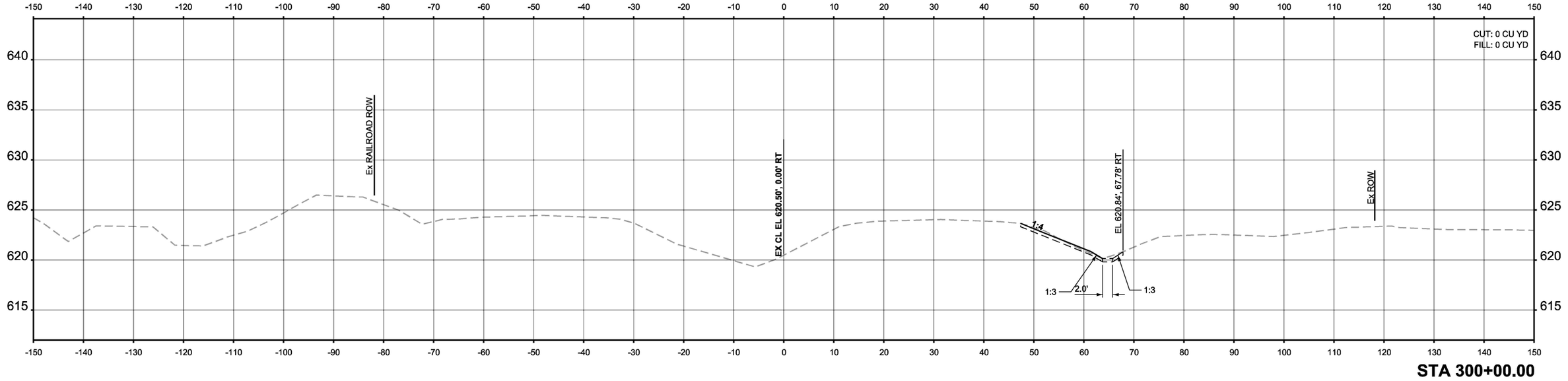
SOIL BORING LOGS III
STRUCTURE NO: 099-W1004

SCALE: SHEET SB12 OF SB12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	113
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		



STA 300+50.00



STA 300+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: PR Cross Sections - 300+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

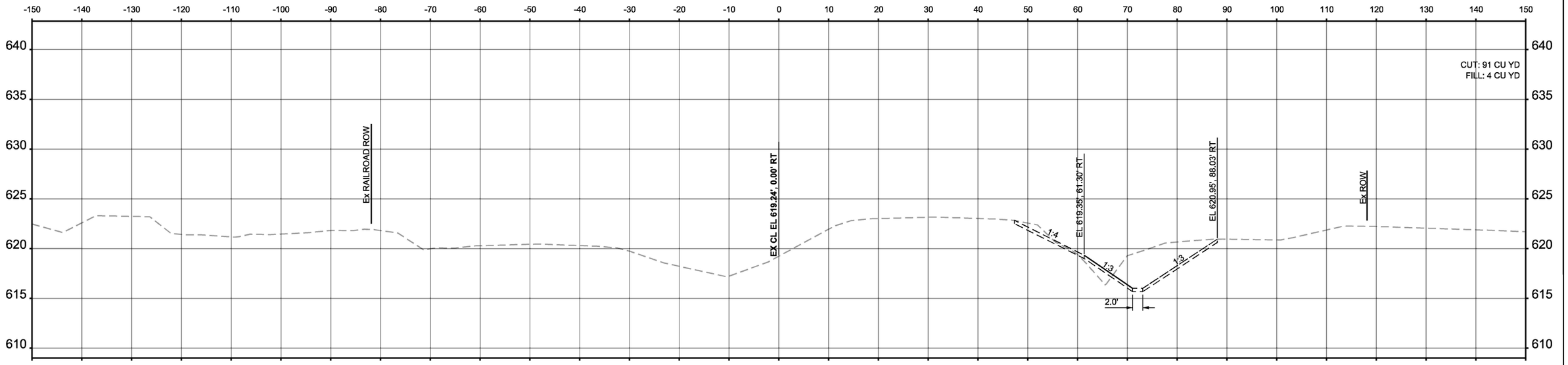
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

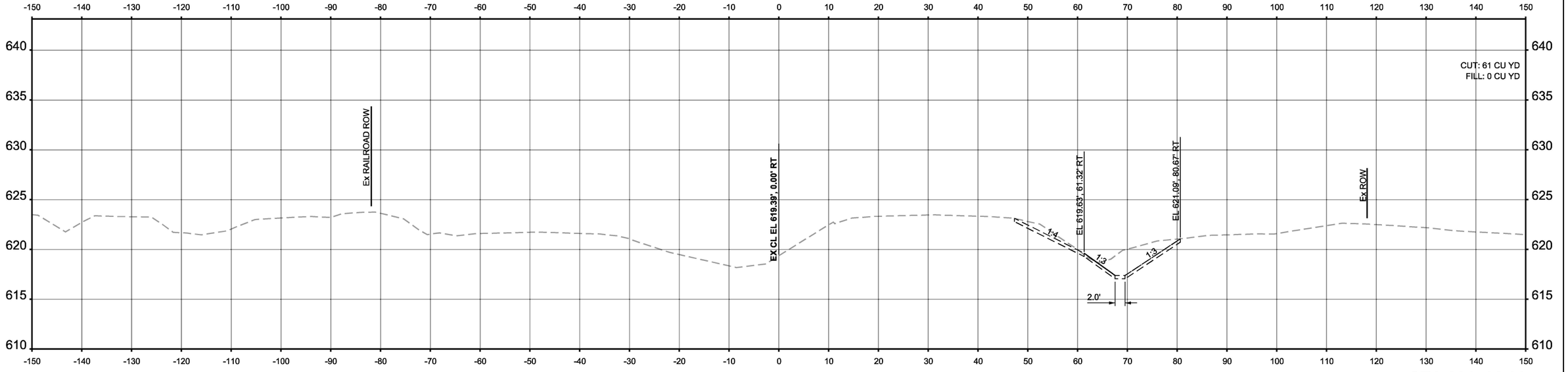
CROSS SECTIONS

SCALE: 1"=10' | SHEET 1 OF 50 SHEETS | STA. 300+00.00 | TO STA. 300+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	114
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 301+50.00



STA 301+00.00

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

BY	DATE

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

BY	DATE

MODEL: PR Cross Sections - 301+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D1622P01-sht-XSCs.dgn

Ardmore Roderick

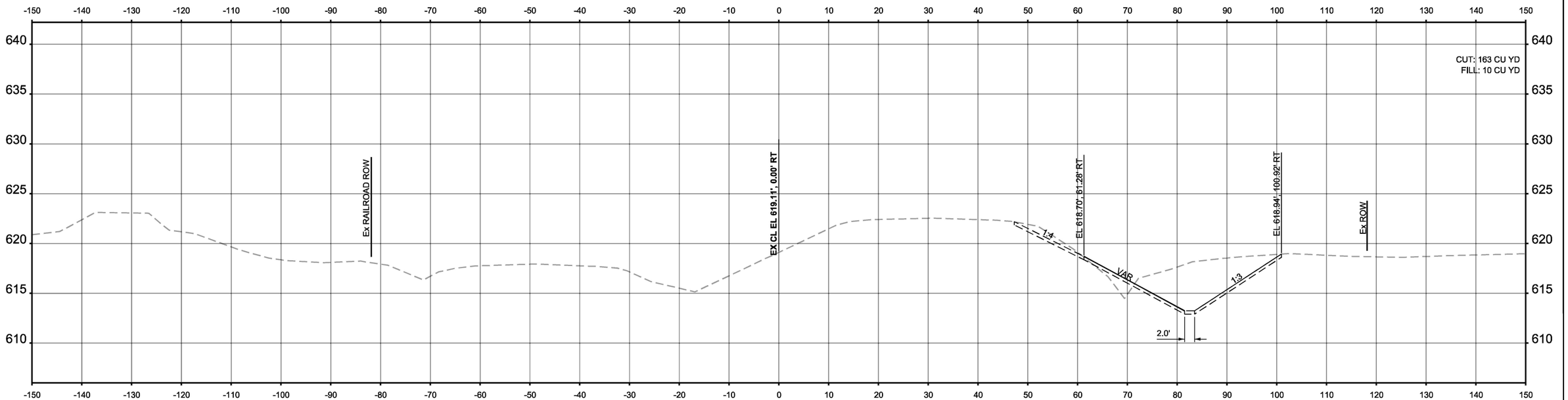
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

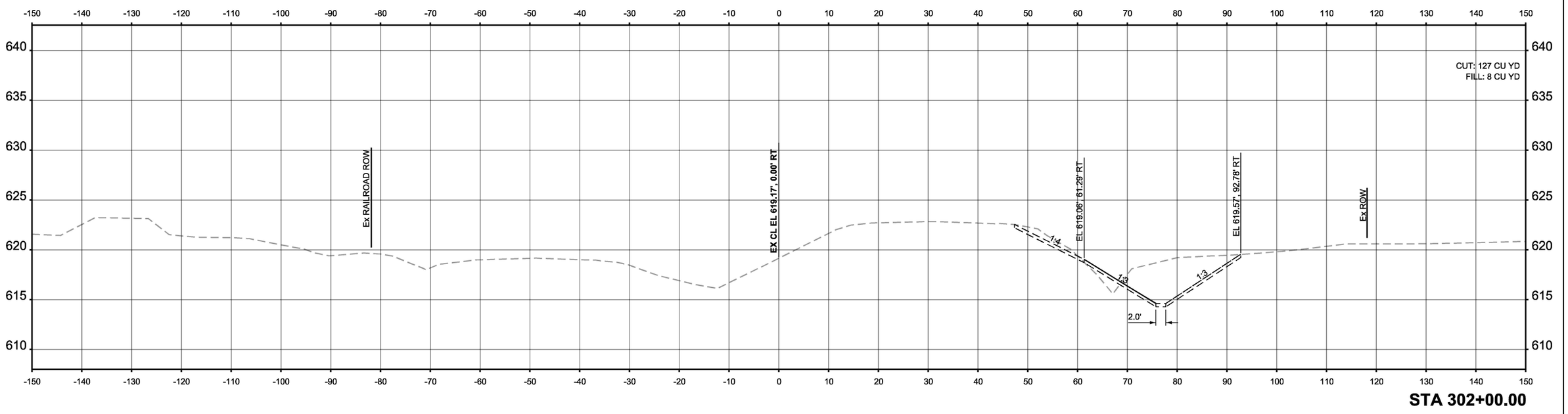
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 2 OF 50 SHEETS | STA. 301+00.00 | TO STA. 301+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	115
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		





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

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

MODEL: PR Cross Sections - 302+00.00
FILE NAME: c:\pwworking\tprimera\pwprod\rwhite\dms56077\D1622P01-aht-XSCs.dgn

Ardmore Roderick

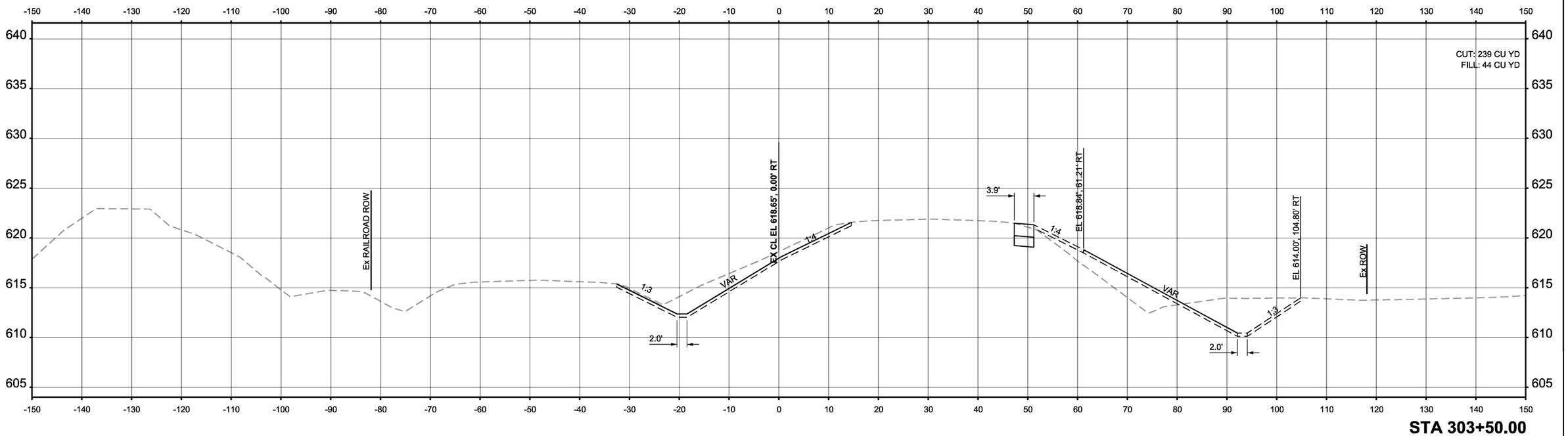
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

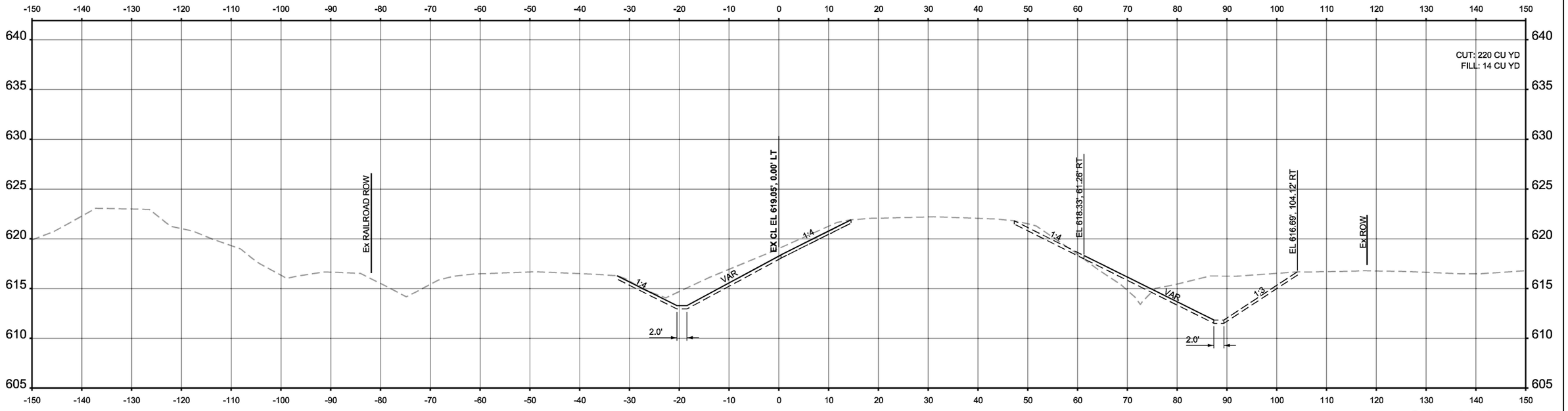
CROSS SECTIONS

SCALE: 1"=10' | SHEET 3 OF 50 SHEETS | STA. 302+00.00 | TO STA. 302+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	116
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		



STA 303+50.00



STA 303+00.00

FINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

MODEL: PR Cross Sections - 303+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

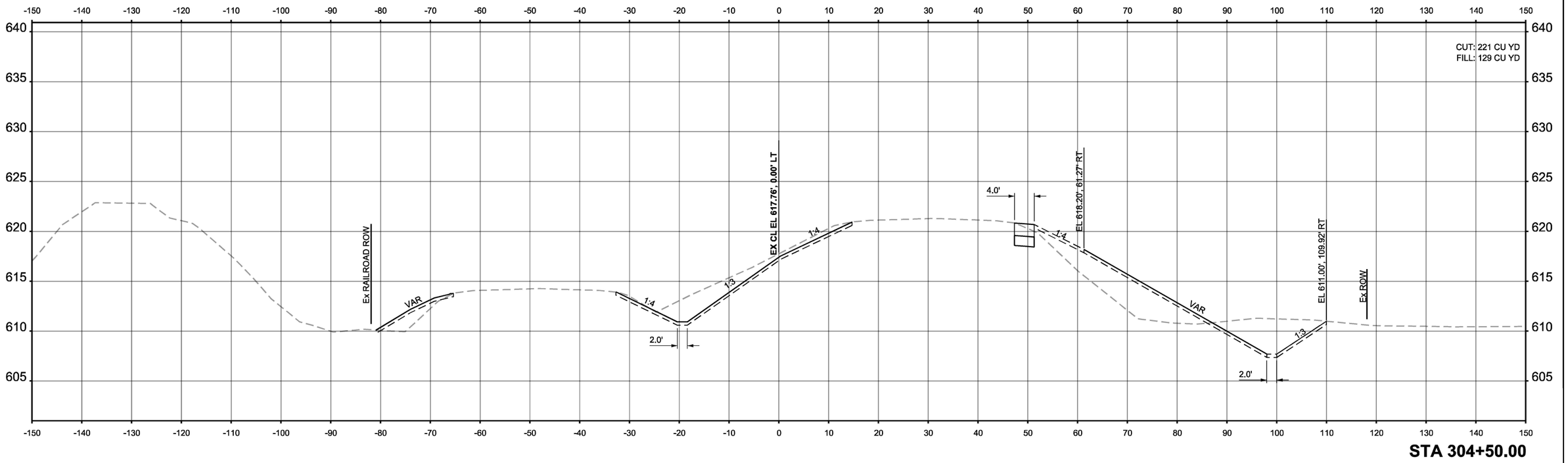
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

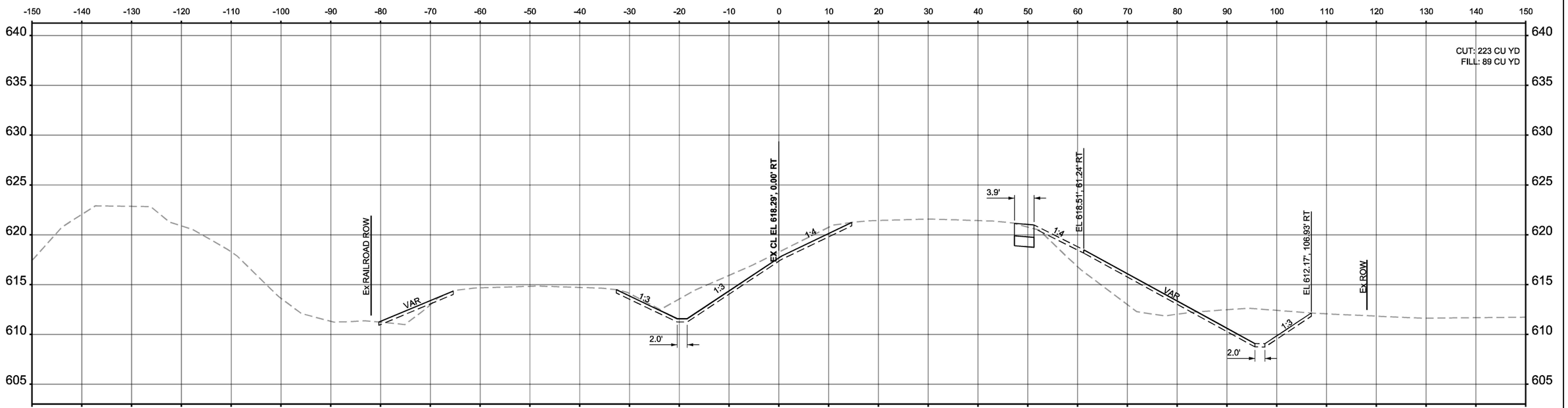
CROSS SECTIONS

SCALE: 1"=10' | SHEET 4 OF 50 SHEETS | STA. 303+00.00 | TO STA. 303+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	117
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 304+50.00



STA 304+00.00

FINAL SURVEY	NOTE BOOK	NO.

DATE	BY	
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.

DATE	BY	
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: PR Cross Sections - 304+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

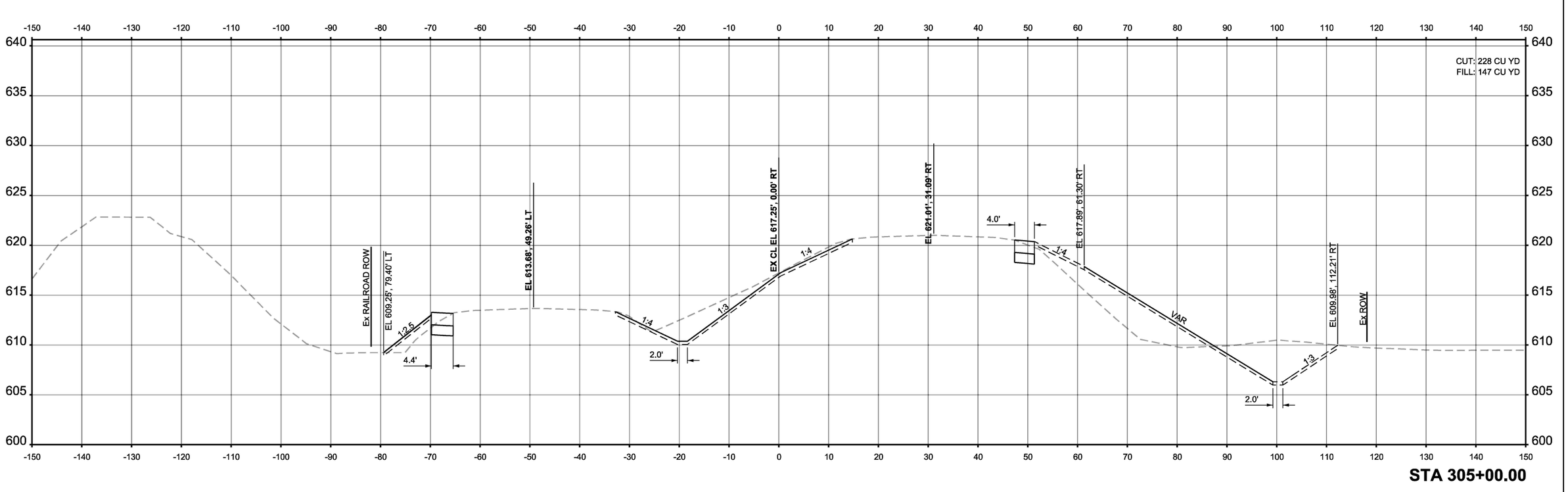
CROSS SECTIONS

SCALE: 1"=10' | SHEET 5 OF 50 SHEETS | STA. 304+00.00 | TO STA. 304+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	118
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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

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



STA 305+00.00

MODEL: PR Cross Sections - 305+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

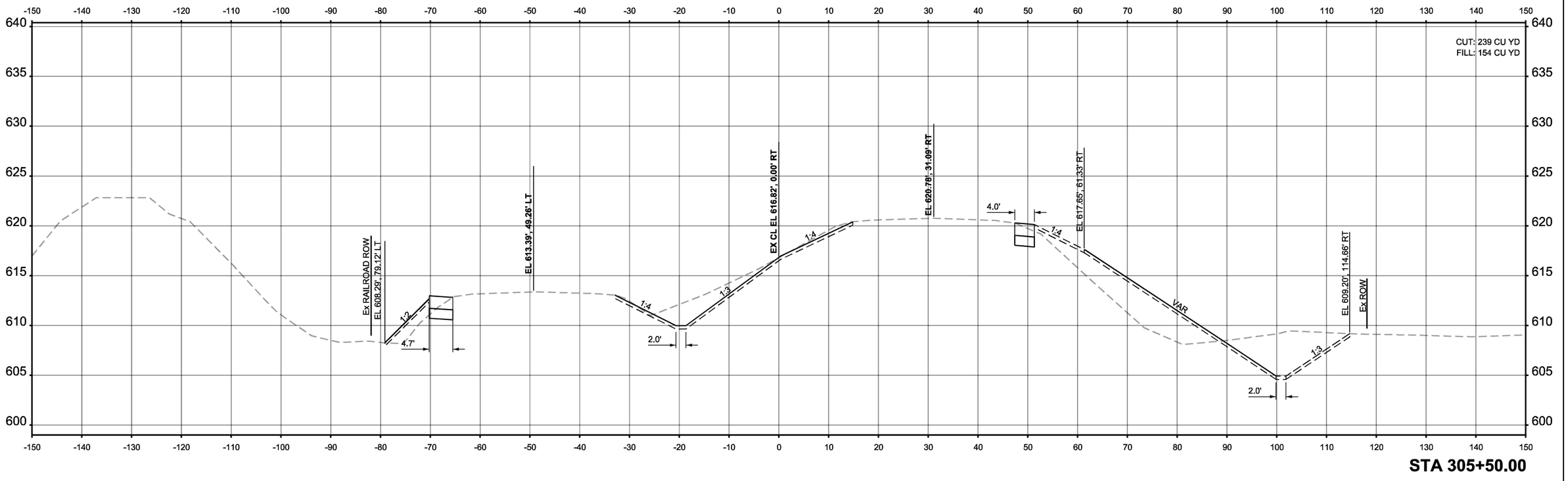
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 6 OF 50 SHEETS | STA. 305+00.00 | TO STA. 305+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	119
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 305+50.00

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

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

MODEL: PR Cross Sections - 305+50.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 7 OF 50 SHEETS | STA. 305+50.00 TO STA. 305+50.00

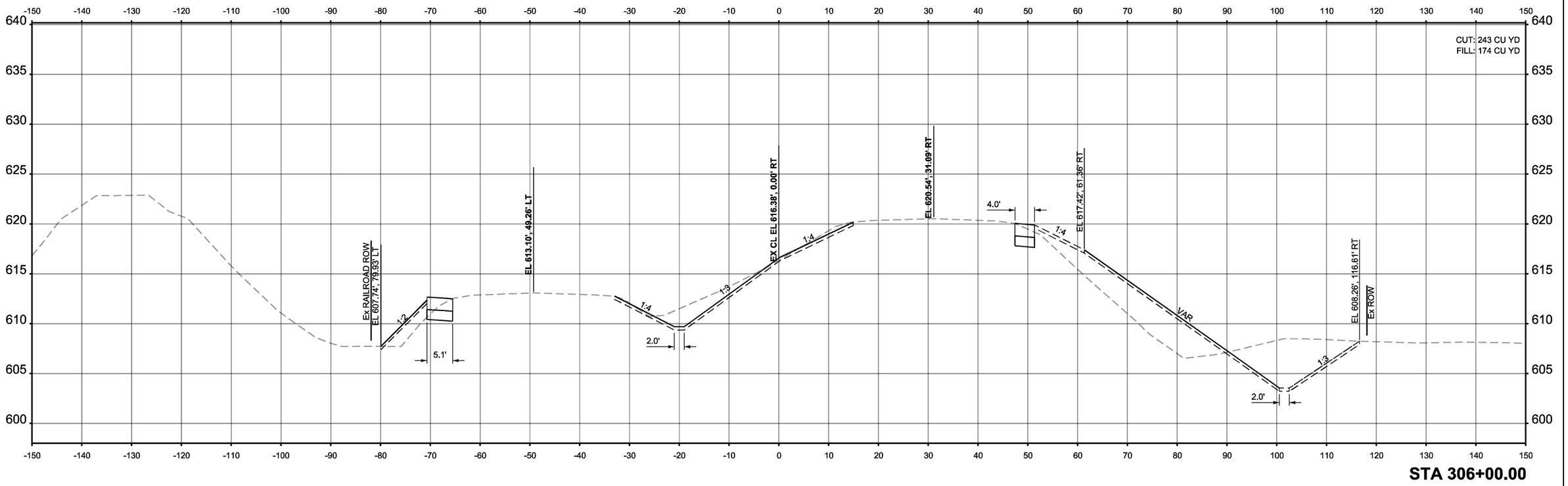
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	120

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT

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

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



STA 306+00.00

MODEL: PR Cross Sections - 306+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D1622P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

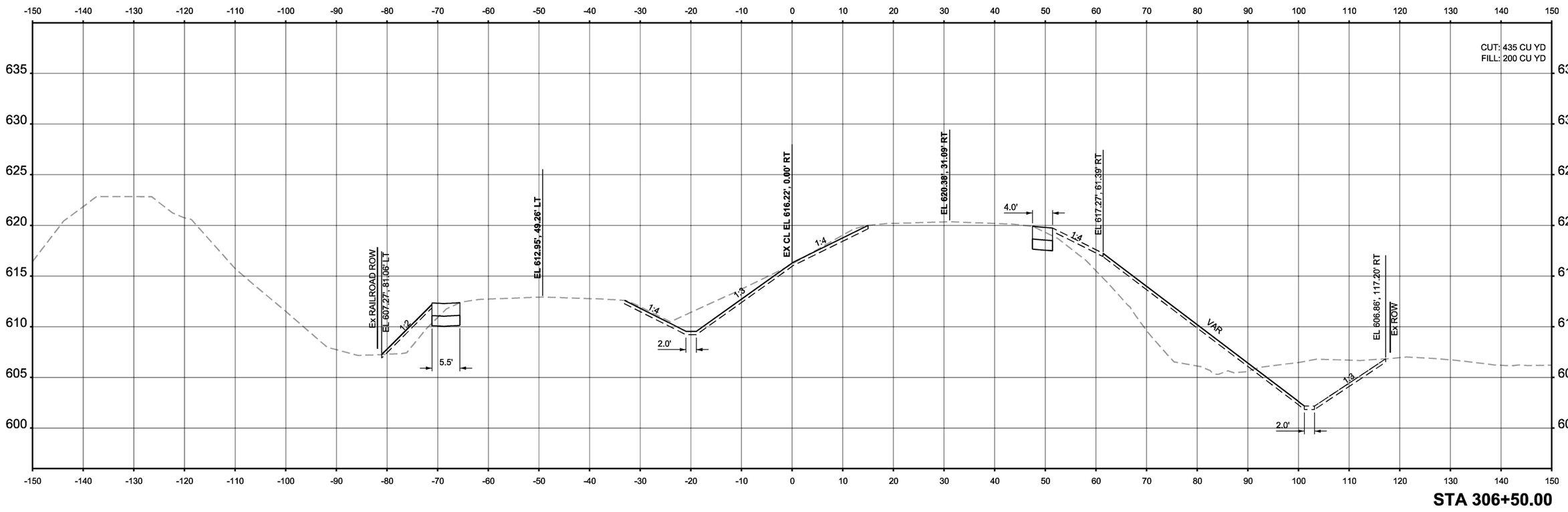
CROSS SECTIONS

SCALE: 1"=10' | SHEET 8 OF 50 SHEETS | STA. 306+00.00 | TO STA. 306+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	121
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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

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



STA 306+50.00

MODEL: PR Cross Sections - 306+50.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

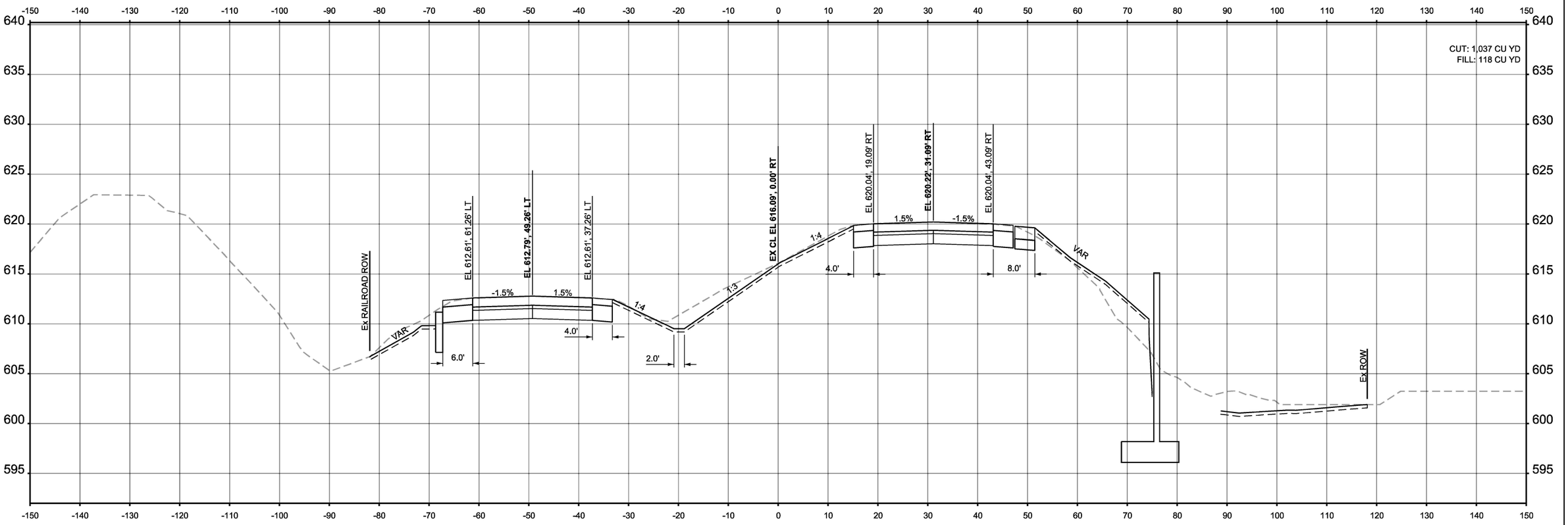
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 9 OF 50 SHEETS | STA. 306+49.99 | TO STA. 306+49.99

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	122
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

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



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

MODEL: PR Cross Sections - 307+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\d0ms56077\D1622P01-sht-XSCs.dgn

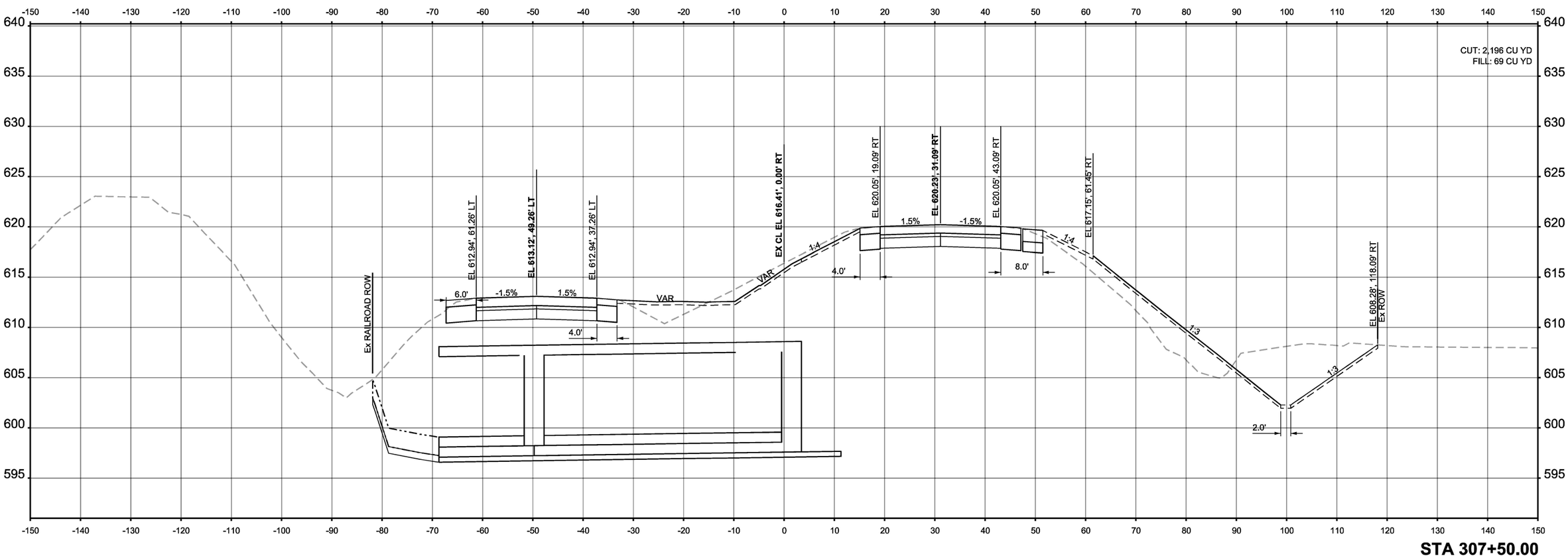
Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	**STATE OF ILLINOIS**	**CROSS SECTIONS**
	DRAWN - RBW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	
	CHECKED - YSK	REVISED -		
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -		

SCALE: 1"=10' | SHEET 10 OF 50 SHEETS | STA. 307+00.00 | TO STA. 307+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	123
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		

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



STA 307+50.00

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

MODEL: PR Cross Sections - 307+50.00
FILE NAME: c:\pwworking\tprimera\pwprod\rwhite\dms556077\D162P01-aht-XSCs.dgn

Ardmore Roderick

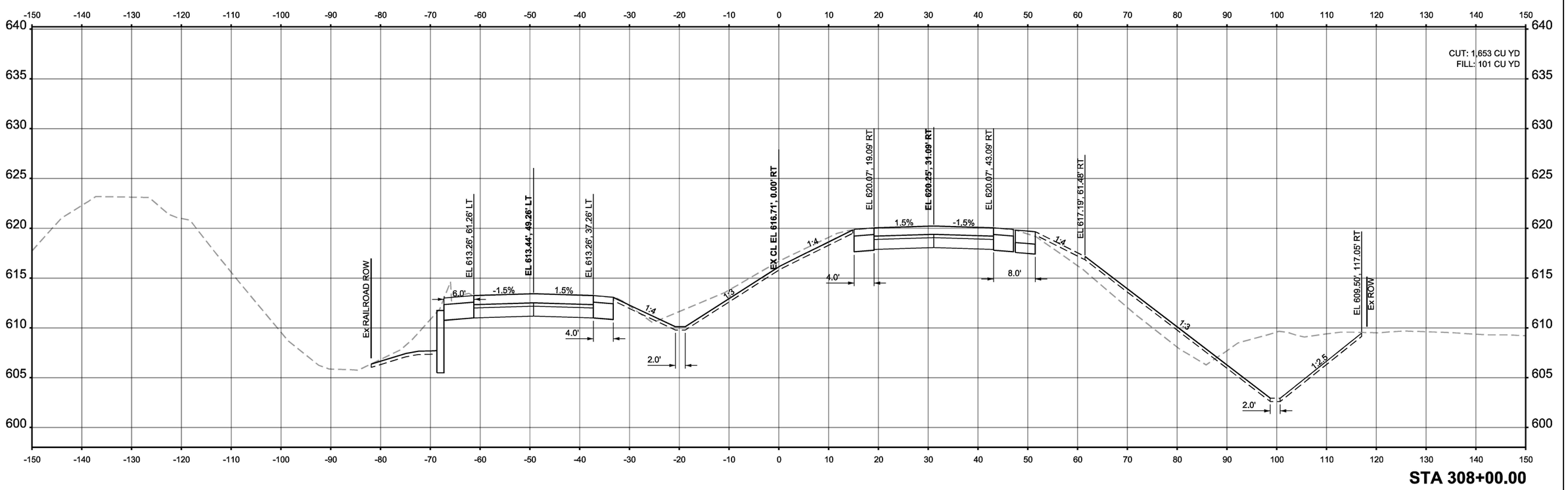
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 11 OF 50 SHEETS | STA. 307+50.00 | TO STA. 307+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	124
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 308+00.00

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

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

MODEL: PR Cross Sections - 308+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

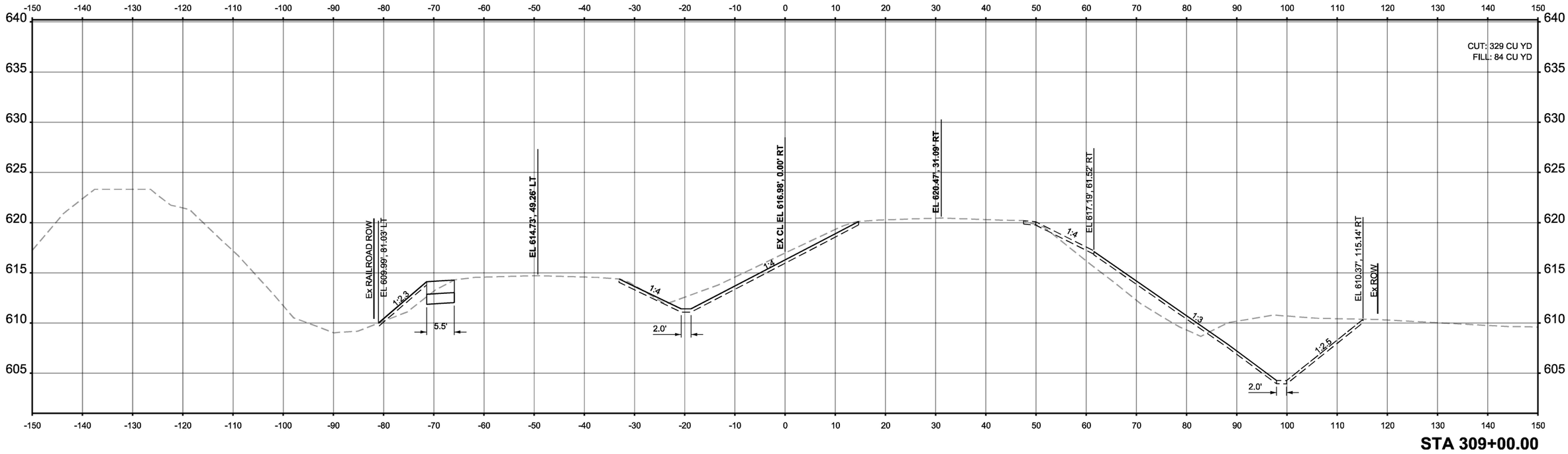
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

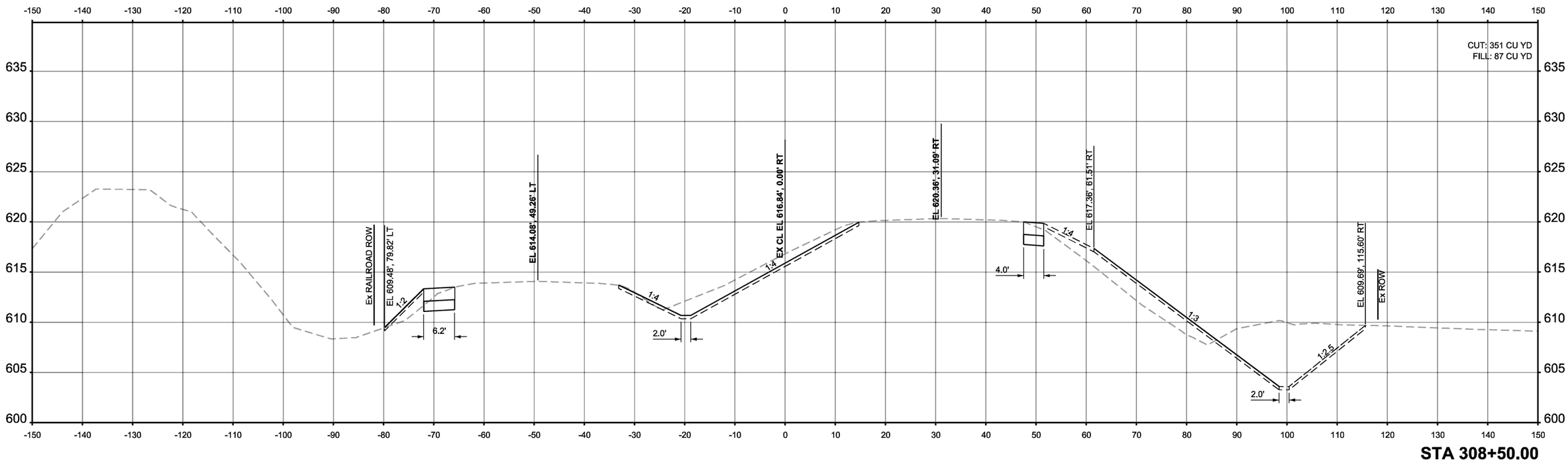
CROSS SECTIONS

SCALE: 1"=10' | SHEET 12 OF 50 SHEETS | STA. 308+00.00 TO STA. 308+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	125
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 309+00.00



STA 308+50.00

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

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

MODEL: PR Cross Sections - 308+50.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

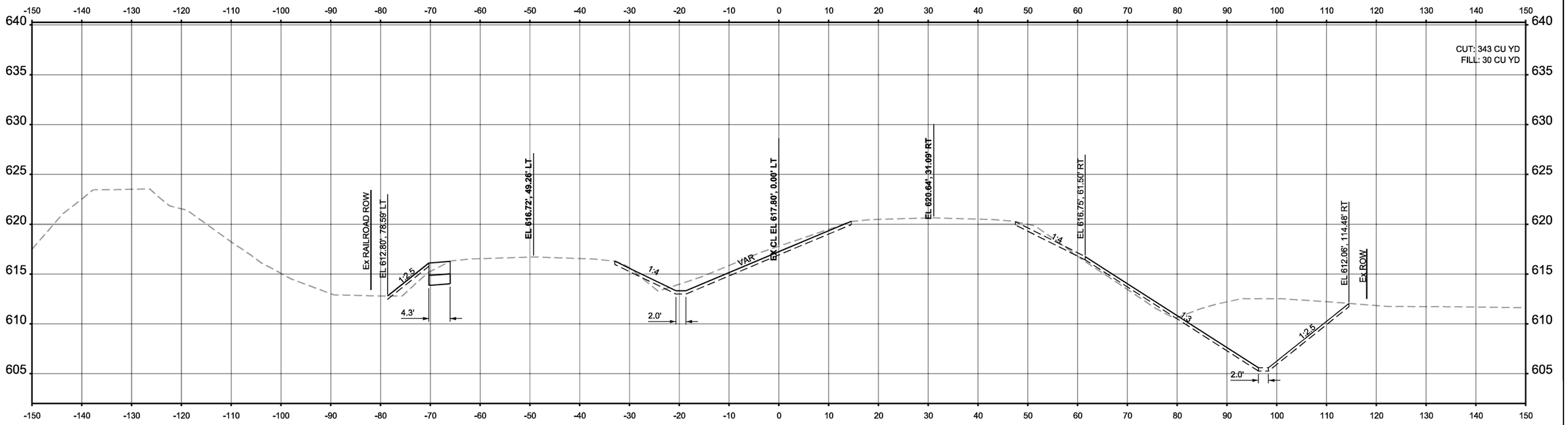
CROSS SECTIONS

SCALE: 1"=10' | SHEET 13 OF 50 SHEETS | STA. 308+50.00 TO STA. 309+00.00

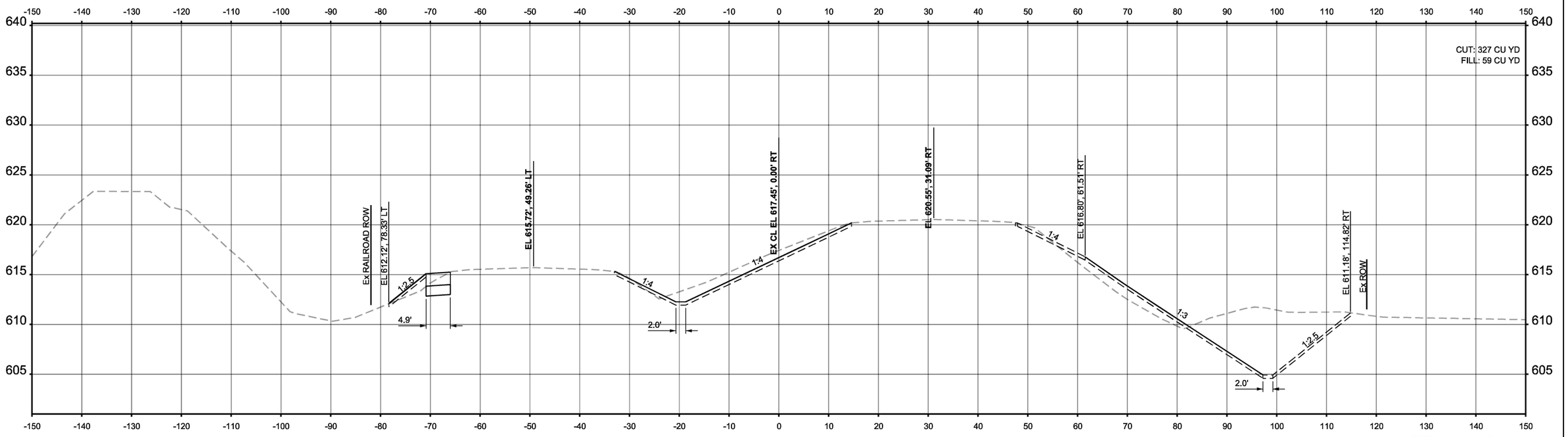
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	126

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 310+00.00



STA 309+50.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: PR Cross Sections - 309+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

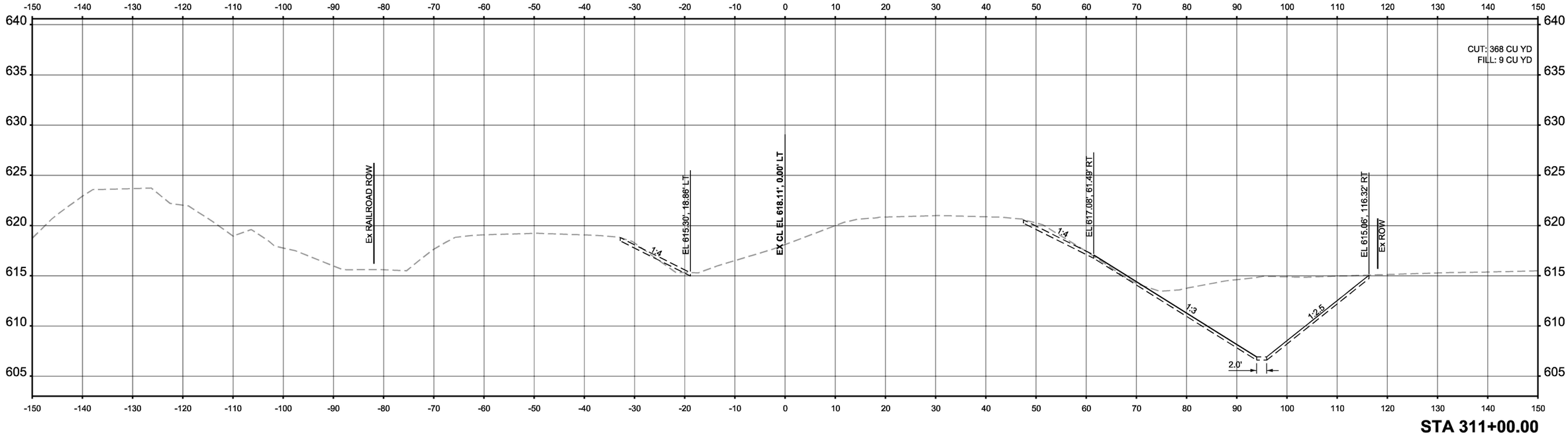
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 14 OF 50 SHEETS | STA. 309+50.00 | TO STA. 310+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	127
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: PR Cross Sections - 310+50.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

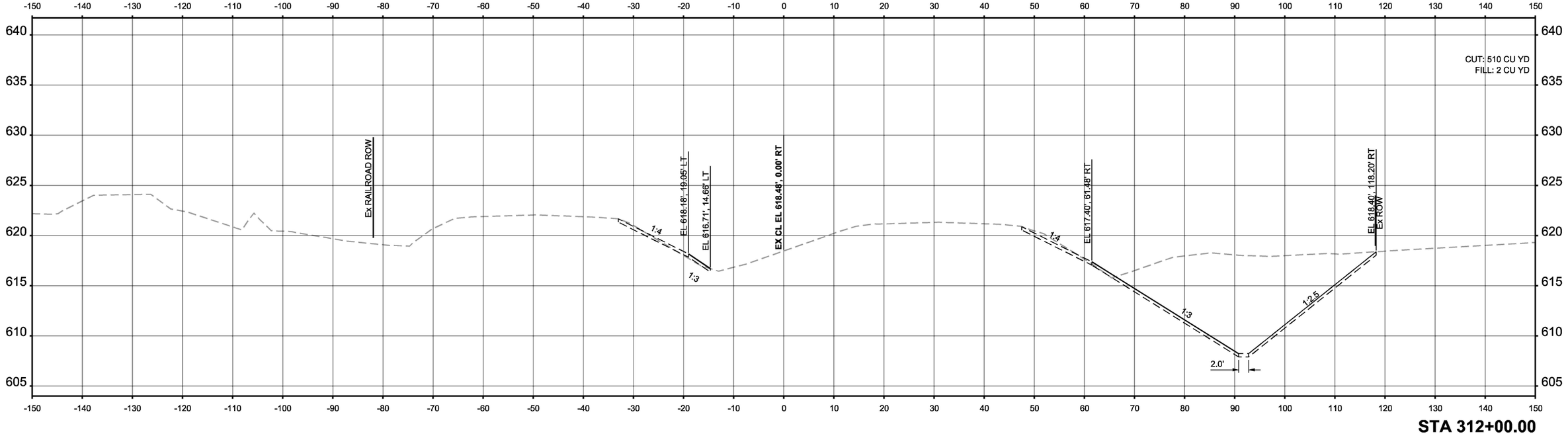
CROSS SECTIONS

SCALE: 1"=10' | SHEET 15 OF 50 SHEETS | STA. 310+50.00 TO STA. 311+00.00

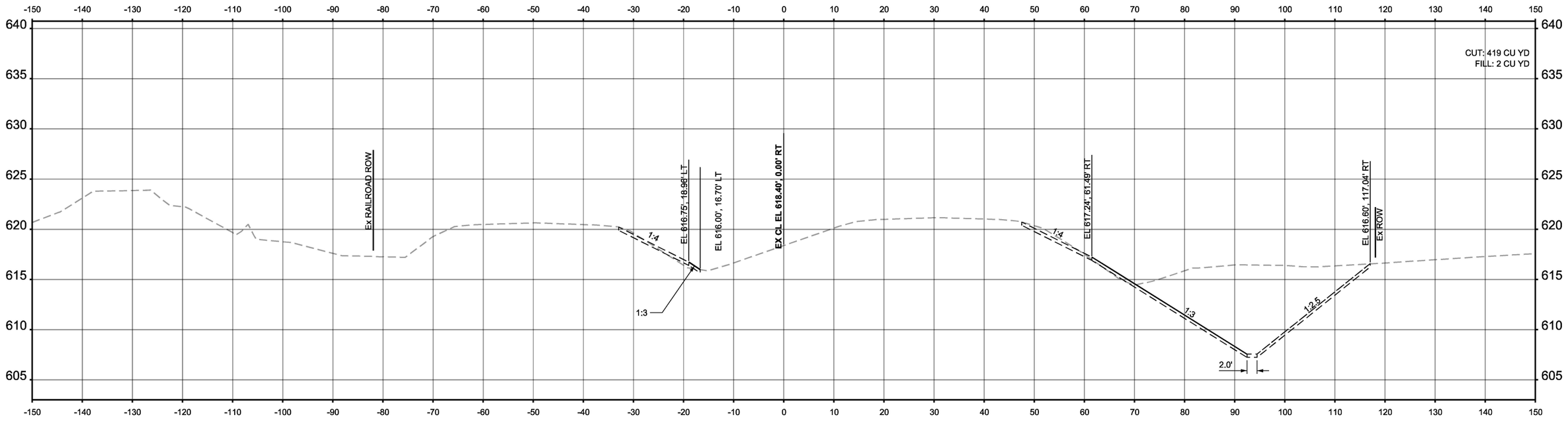
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	128

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 312+00.00



STA 311+50.00

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

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

MODEL: PR Cross Sections - 311+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

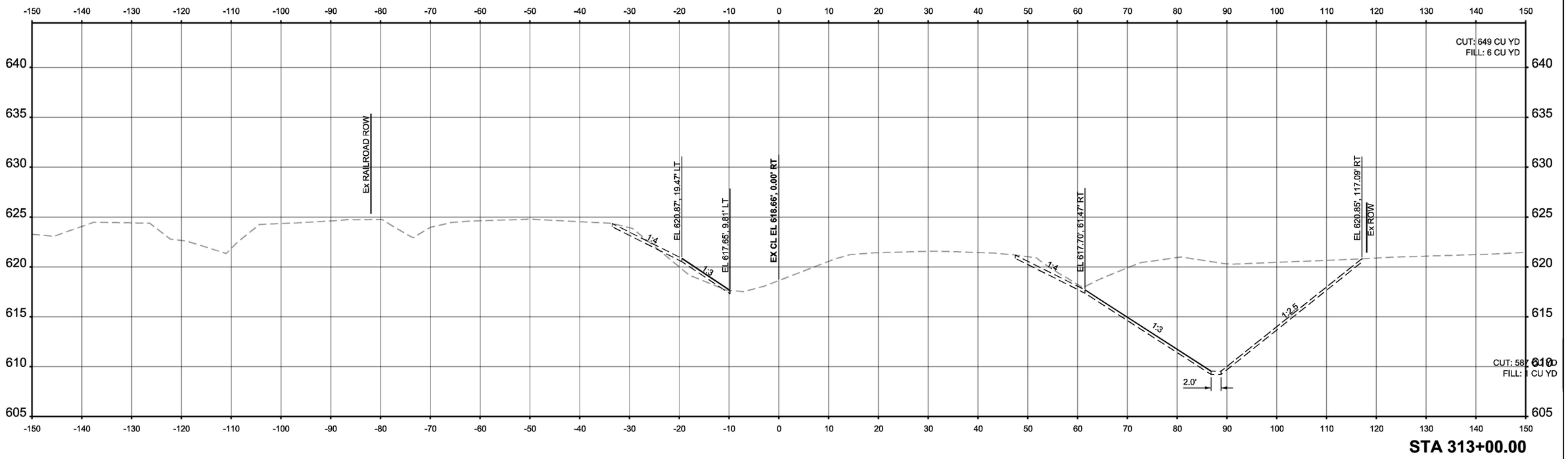
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 11/4/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

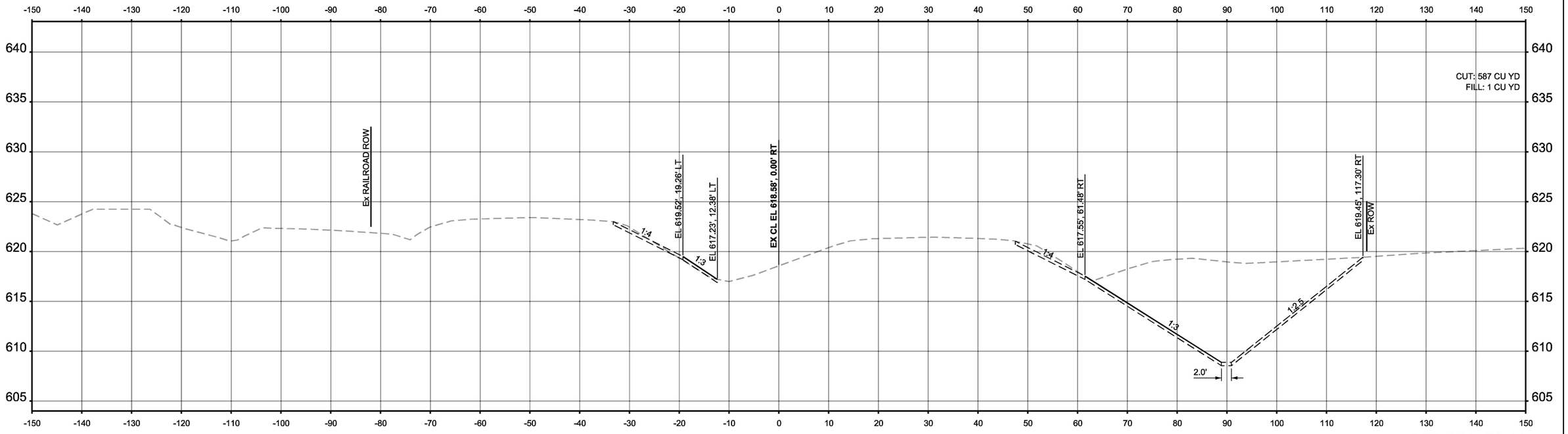
CROSS SECTIONS

SCALE: 1"=10' | SHEET 16 OF 50 SHEETS | STA. 311+50.00 | TO STA. 312+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	129
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 313+00.00



STA 312+50.00

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

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

MODEL: PR Cross Sections - 312+50.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

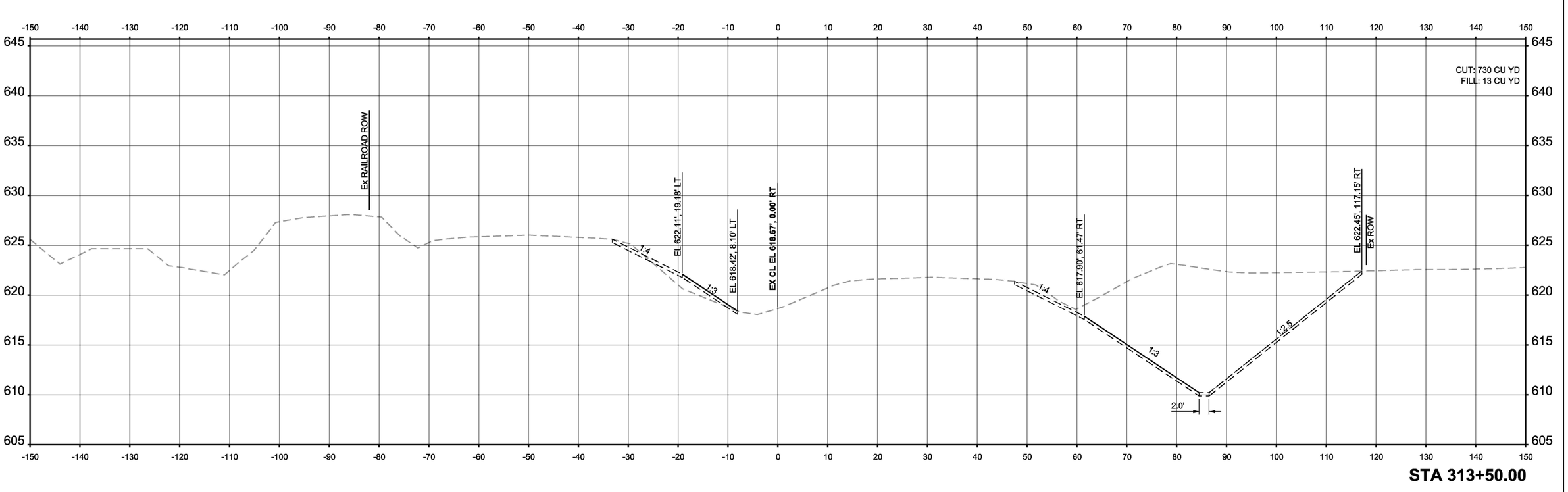
SCALE: 1"=10' | SHEET 17 OF 50 SHEETS | STA. 312+50.00 TO STA. 313+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	130

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT

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



STA 313+50.00

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

MODEL: PR Cross Sections - 313+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

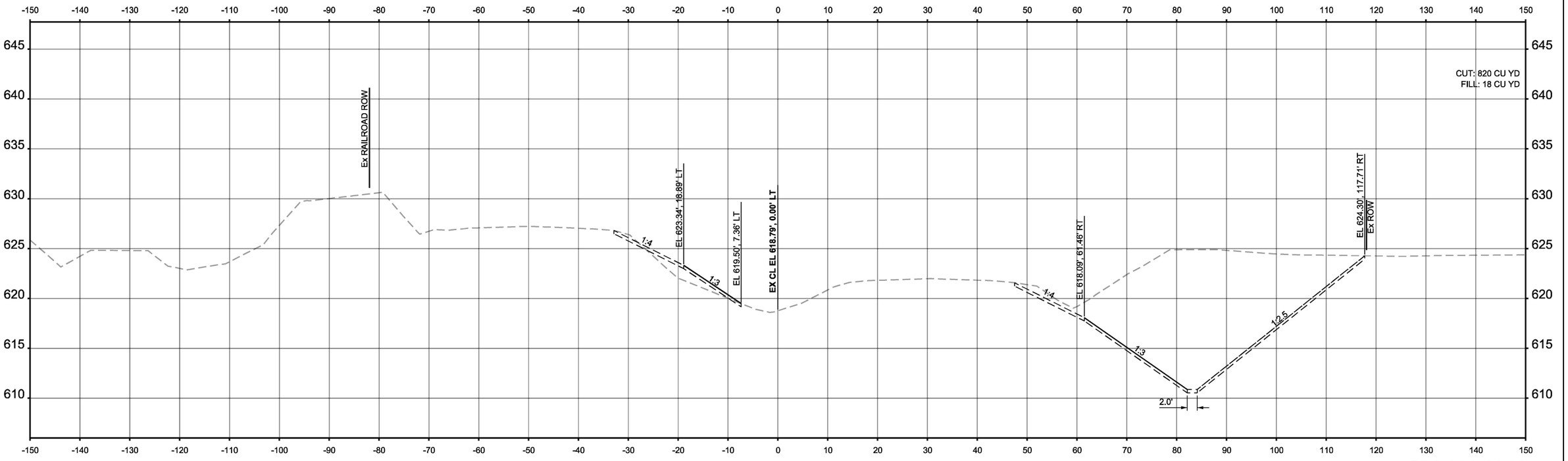
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 18 OF 50 SHEETS | STA. 313+50.00 | TO STA. 313+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	131
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

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



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

MODEL: PR Cross Sections - 314+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

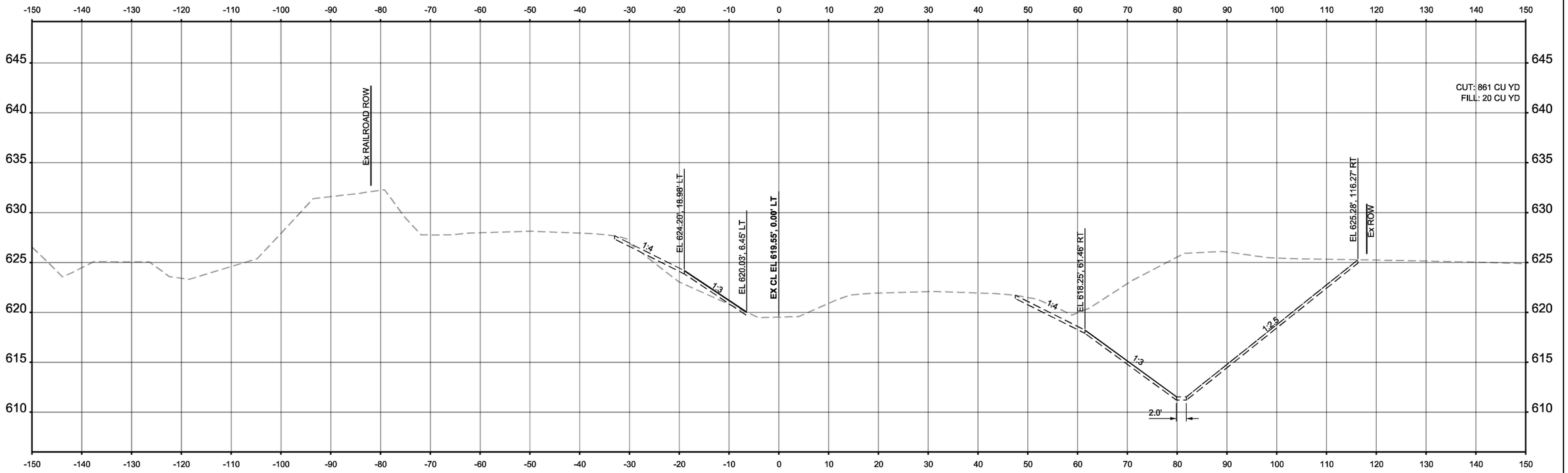
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 19 OF 50 SHEETS | STA. 314+00.00 | TO STA. 314+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	132
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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



STA 314+50.00

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

MODEL: PR Cross Sections - 314+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms5607710\D162P01-sht-XSCs.dgn

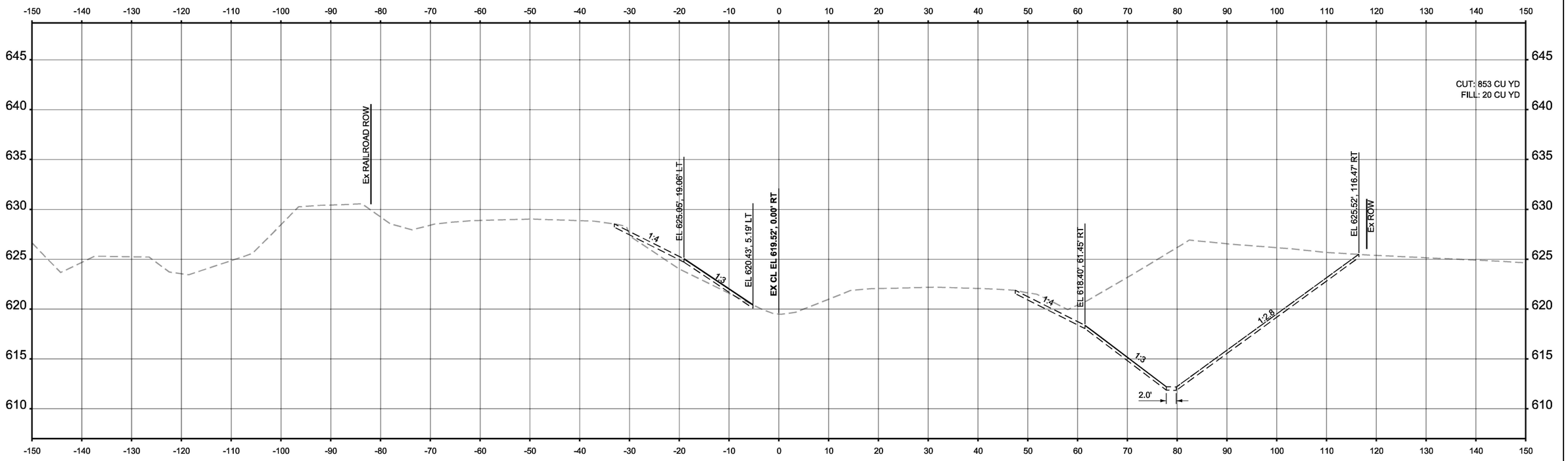
Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	**STATE OF ILLINOIS**	**CROSS SECTIONS**
	DRAWN - RBW	REVISED -	**DEPARTMENT OF TRANSPORTATION**	
	CHECKED - YSK	REVISED -		
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -		SCALE: 1"=10' SHEET 20 OF 50 SHEETS STA. 314+50.00 TO STA. 314+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	133
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

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

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



STA 315+00.00

MODEL: PR Cross Sections - 315+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

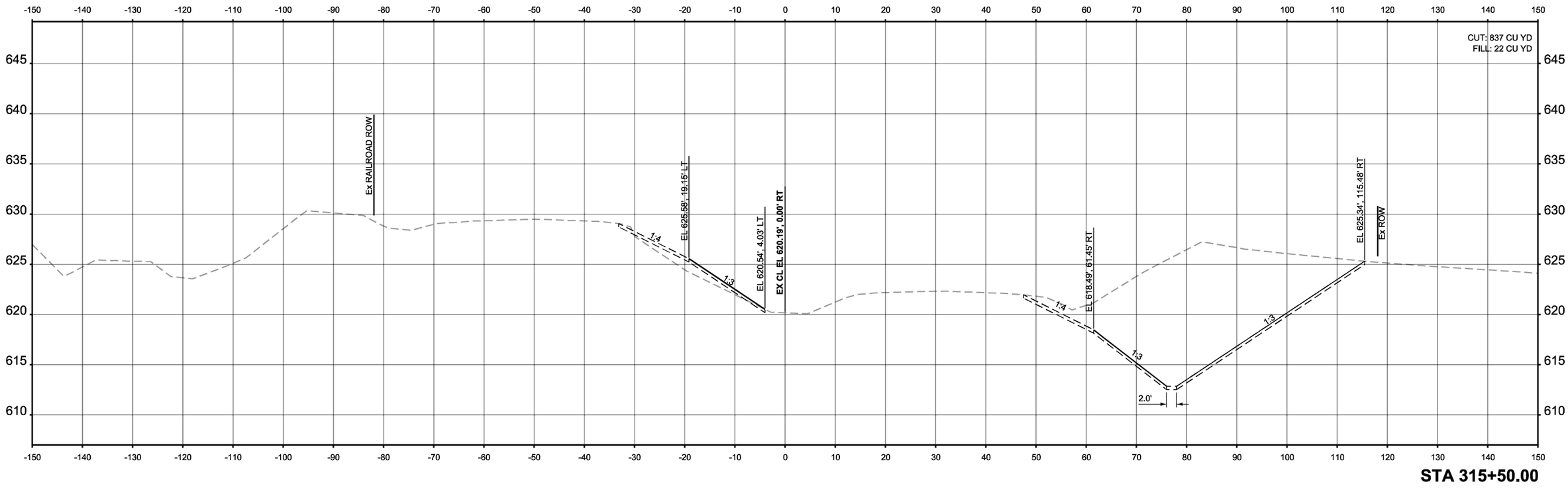
CROSS SECTIONS

SCALE: 1"=10' | SHEET 21 OF 50 SHEETS | STA. 315+00.00 | TO STA. 315+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	134
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		

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

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



STA 315+50.00

MODEL: PR Cross Sections - 315+50.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

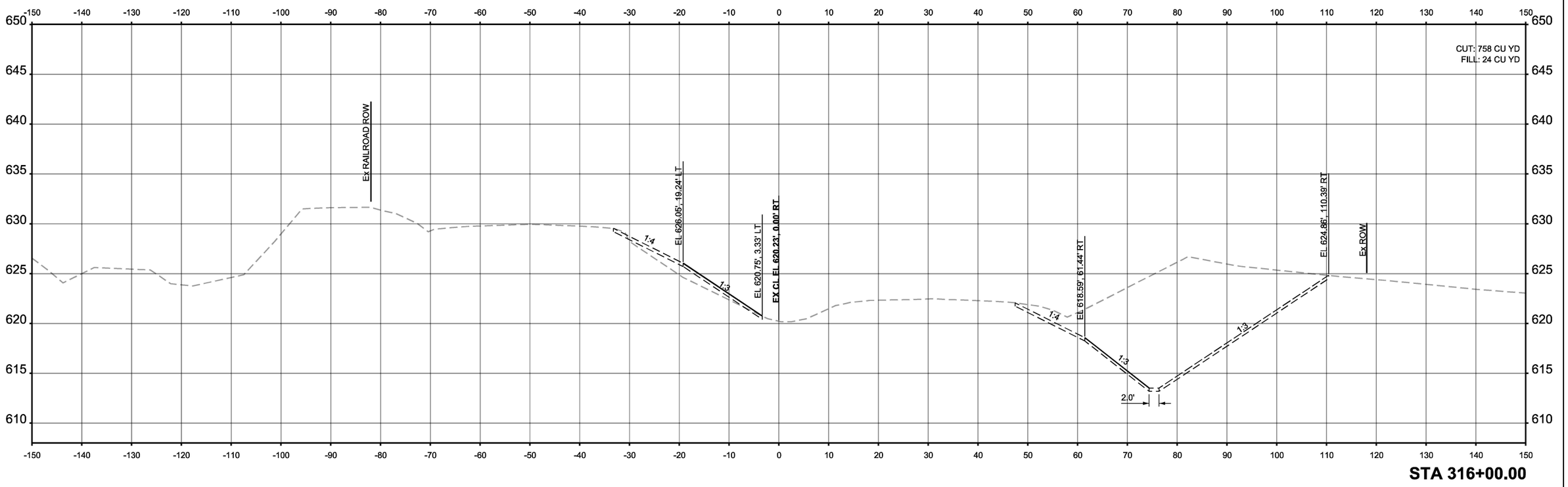
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 22 OF 50 SHEETS | STA. 315+50.00 | TO STA. 315+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	135
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 316+00.00

Ardmore Roderick	USER NAME = rileywhite	DESIGNED - RBW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS
		DRAWN - RBW	REVISED -		
		CHECKED - YSK	REVISED -		
	PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -		SCALE: 1"=10' SHEET 23 OF 50 SHEETS STA. 316+00.00 TO STA. 316+00.00

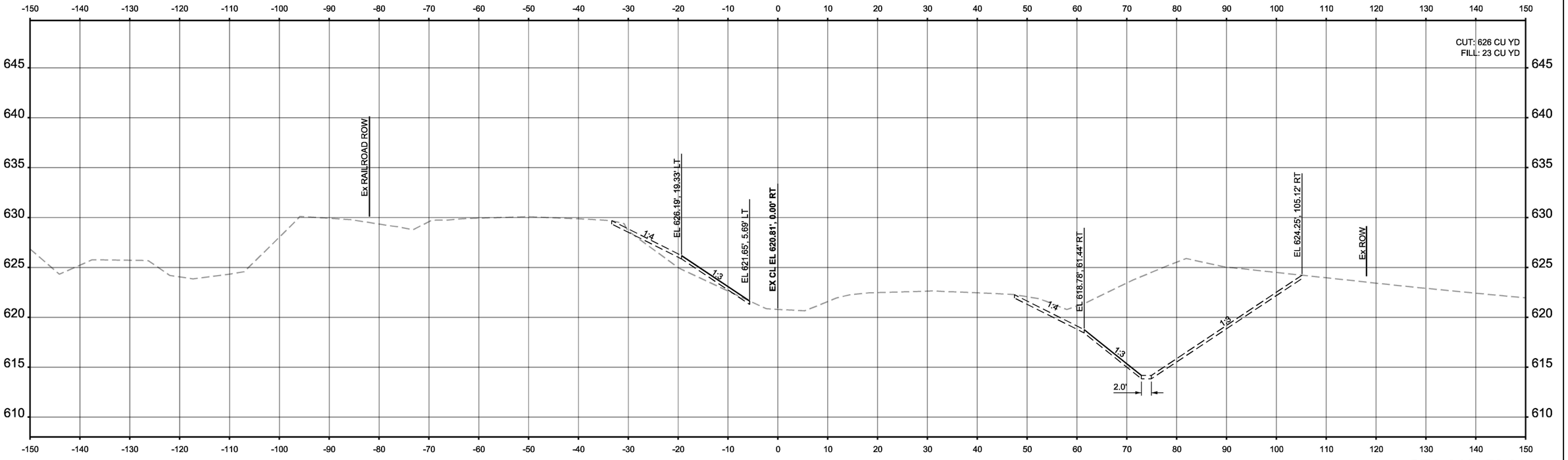
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	136
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: PR Cross Sections - 316+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

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



STA 316+50.00

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

MODEL: PR Cross Sections - 316+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

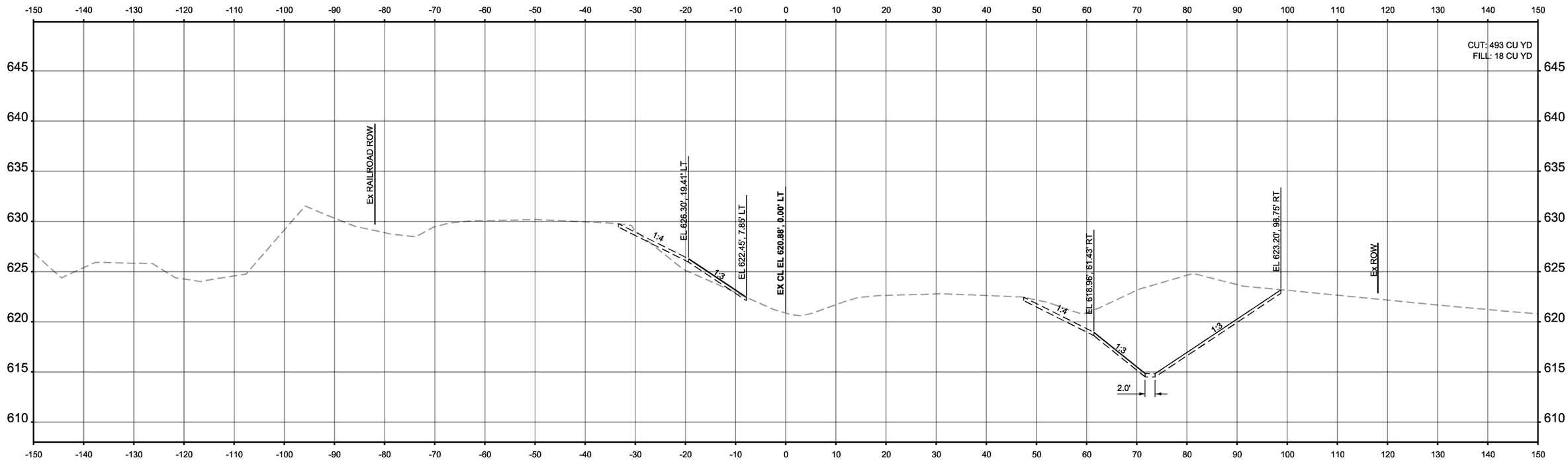
CROSS SECTIONS

SCALE: 1"=10' | SHEET 24 OF 50 SHEETS | STA. 316+50.00 | TO STA. 316+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	137
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

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

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



STA 317+00.00

MODEL: PR Cross Sections - 317+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

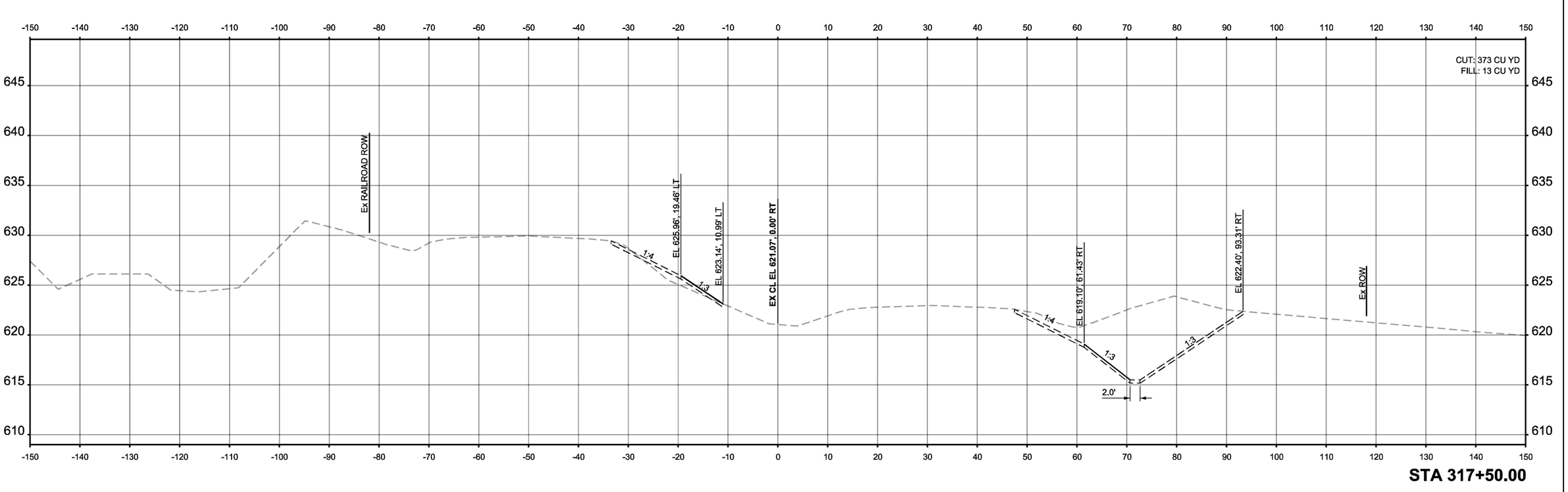
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 25 OF 50 SHEETS | STA. 317+00.00 | TO STA. 317+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	138
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

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



STA 317+50.00

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

MODEL: PR Cross Sections - 317+50.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Poderick

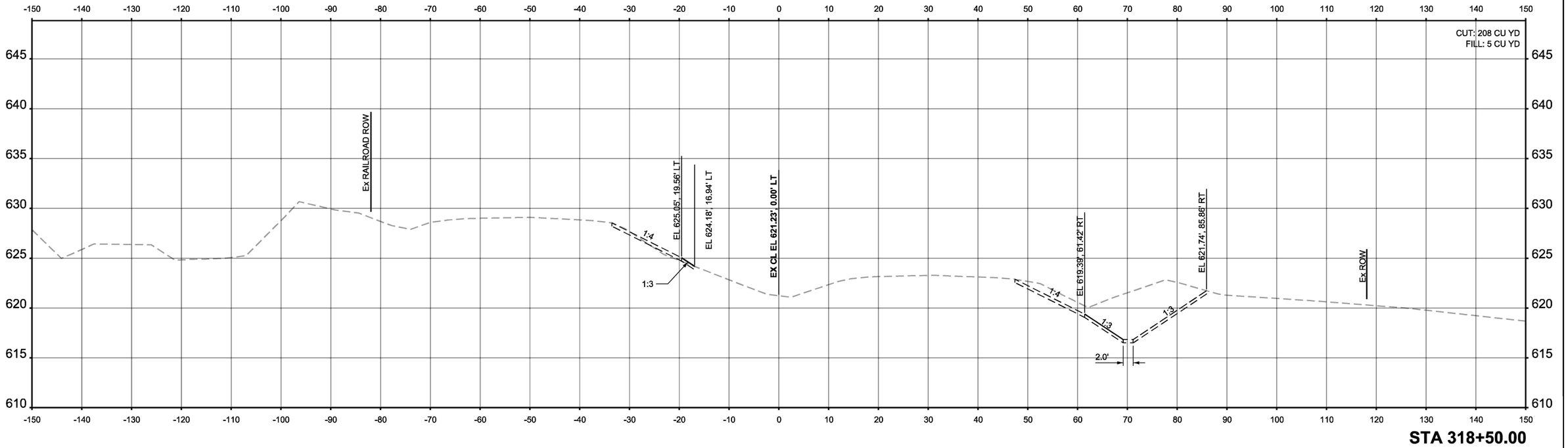
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

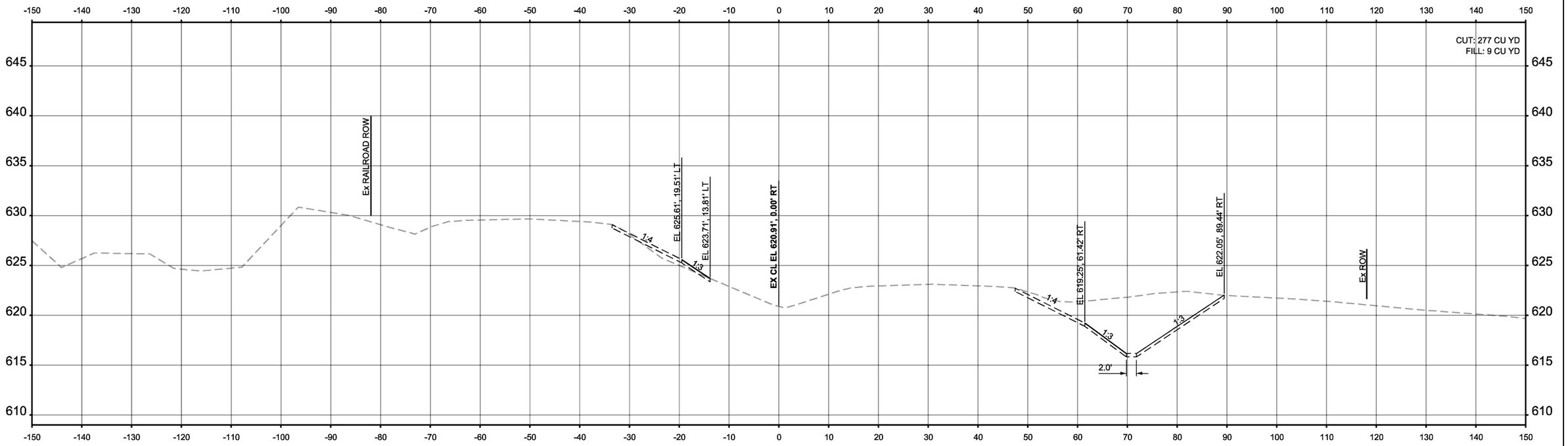
CROSS SECTIONS

SCALE: 1"=10' | SHEET 26 OF 50 SHEETS | STA. 317+50.00 | TO STA. 317+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	139
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 318+50.00



STA 318+00.00

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

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

MODEL: PR Cross Sections - 318+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

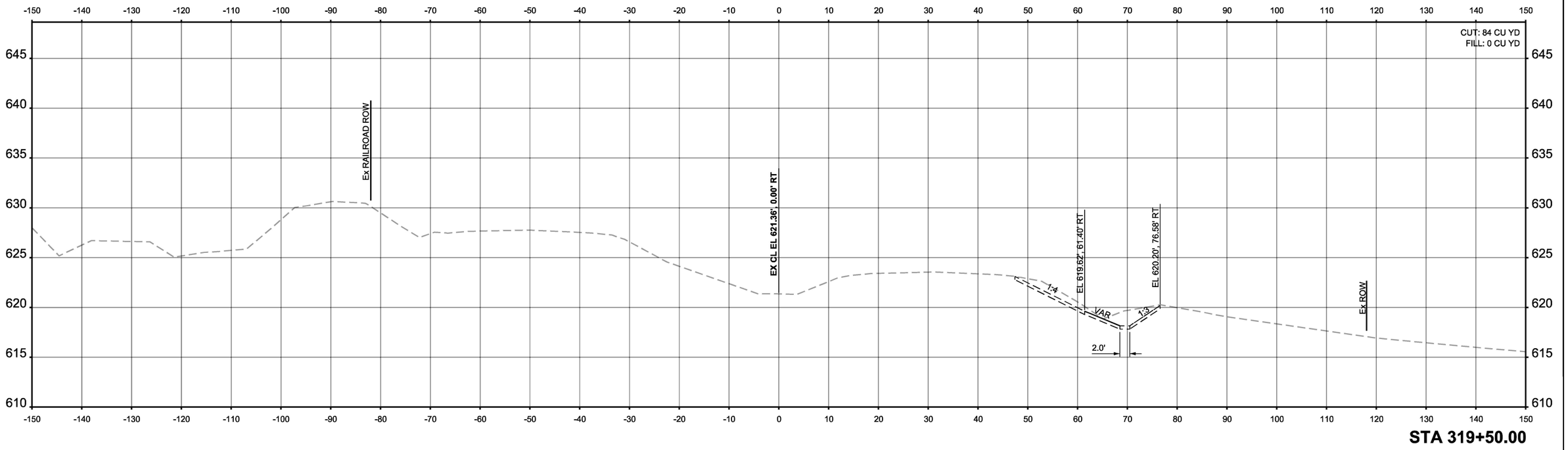
CROSS SECTIONS

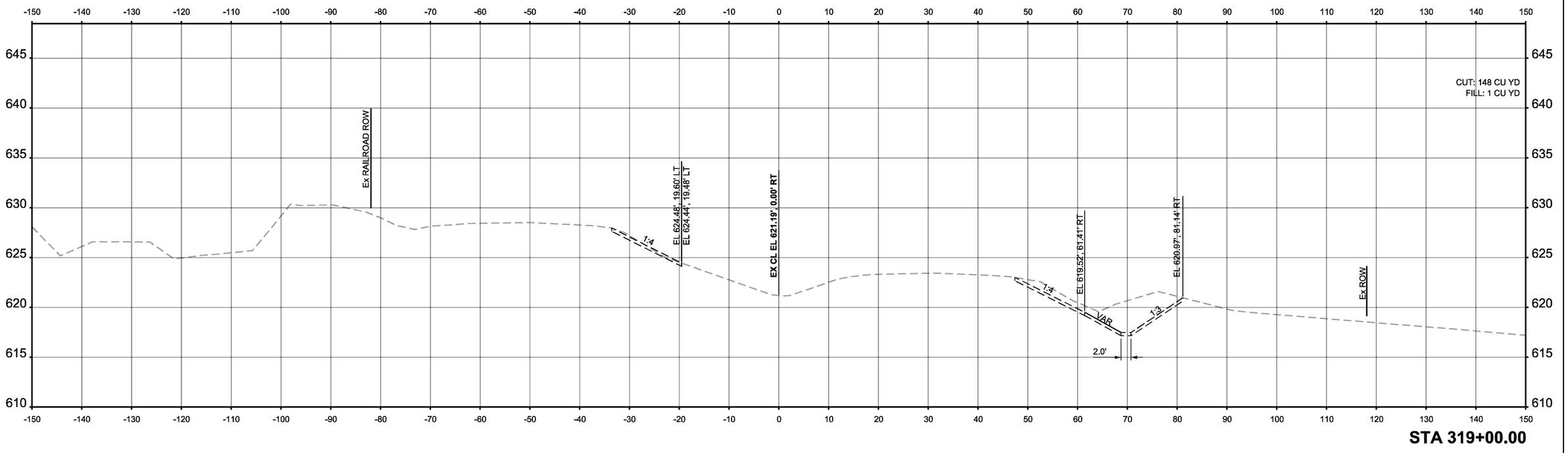
SCALE: 1"=10' | SHEET 27 OF 50 SHEETS | STA. 318+00.00 TO STA. 318+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	140

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT





FINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

MODEL: PR Cross Sections - 319+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

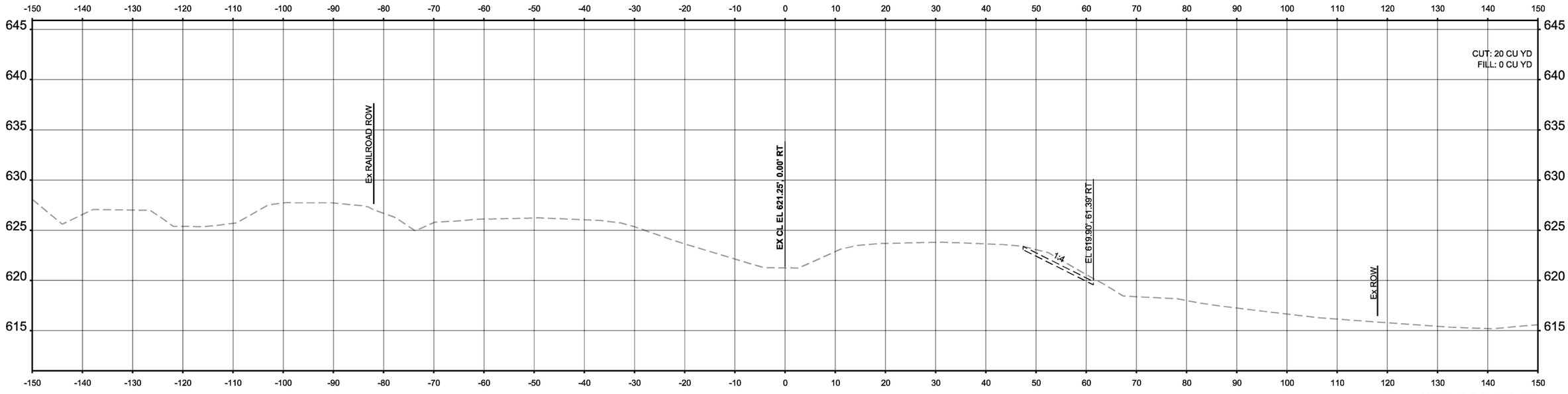
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

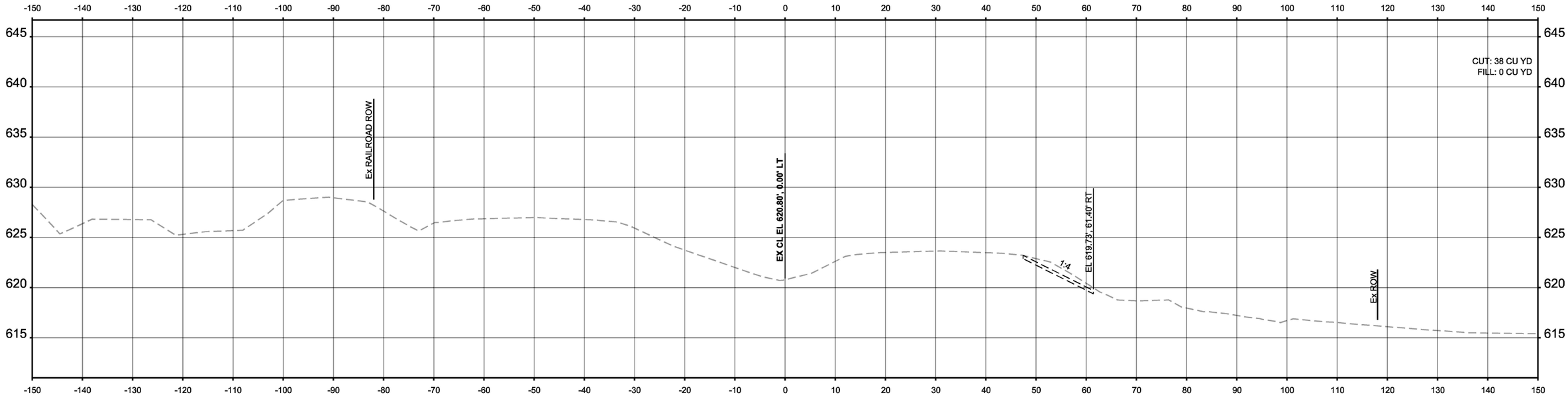
CROSS SECTIONS

SCALE: 1"=10' | SHEET 28 OF 50 SHEETS | STA. 319+00.00 | TO STA. 319+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	141
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 320+50.00



STA 320+00.00

FINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

MODEL: PR Cross Sections - 320+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms5607\D162P01-sht-XSCs.dgn

Ardmore Roderick

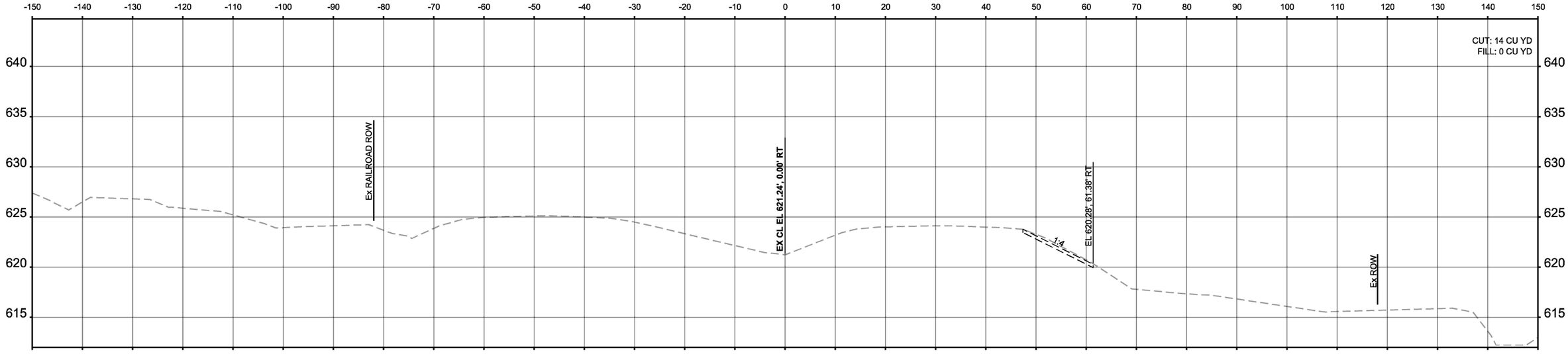
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

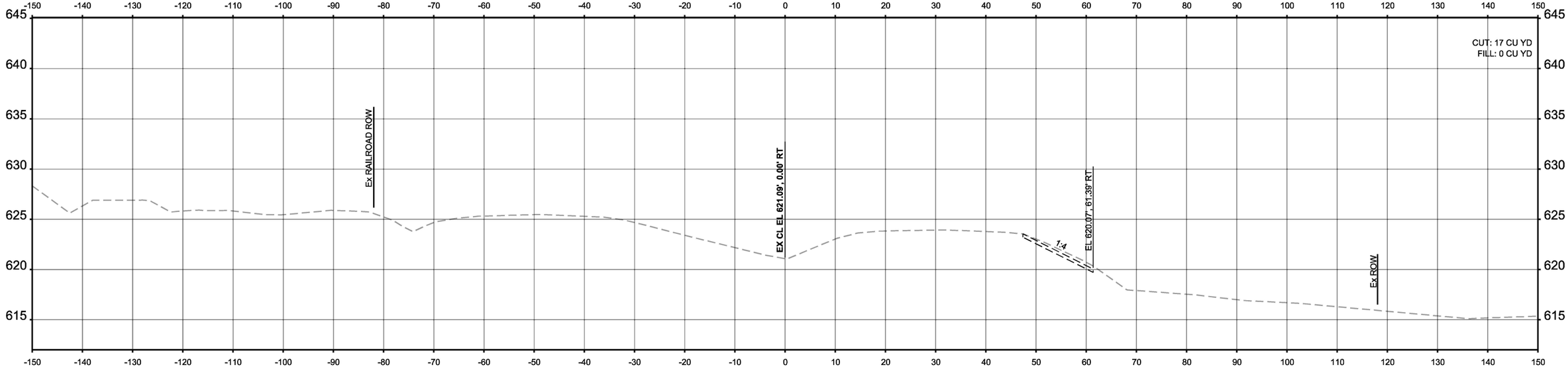
CROSS SECTIONS

SCALE: 1"=10' | SHEET 29 OF 50 SHEETS | STA. 320+00.00 | TO STA. 320+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	142
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 321+50.00



STA 321+00.00

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

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

MODEL: PR Cross Sections - 321+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D1622P01-sht-XSCs.dgn

Ardmore Roderick

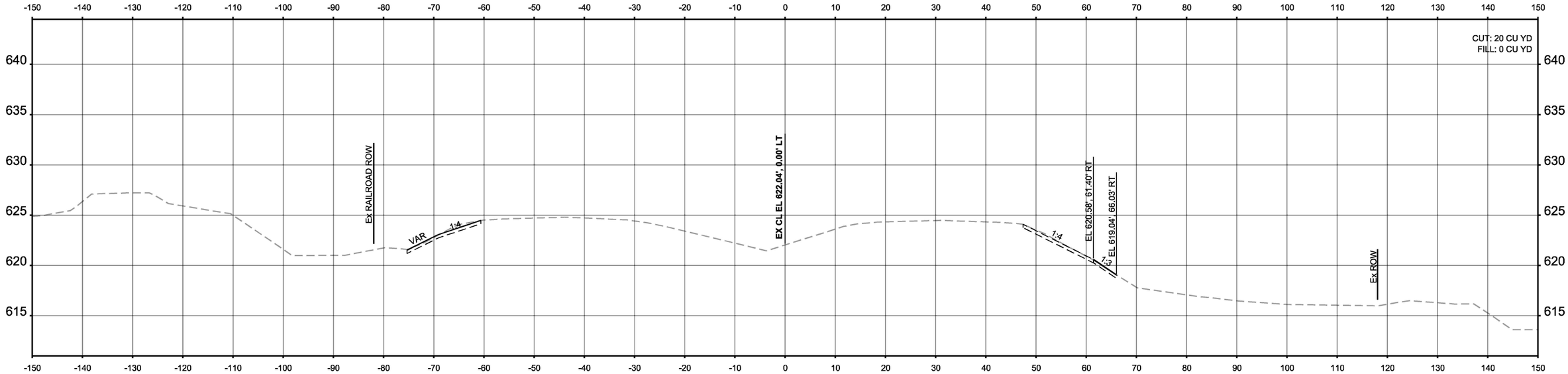
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

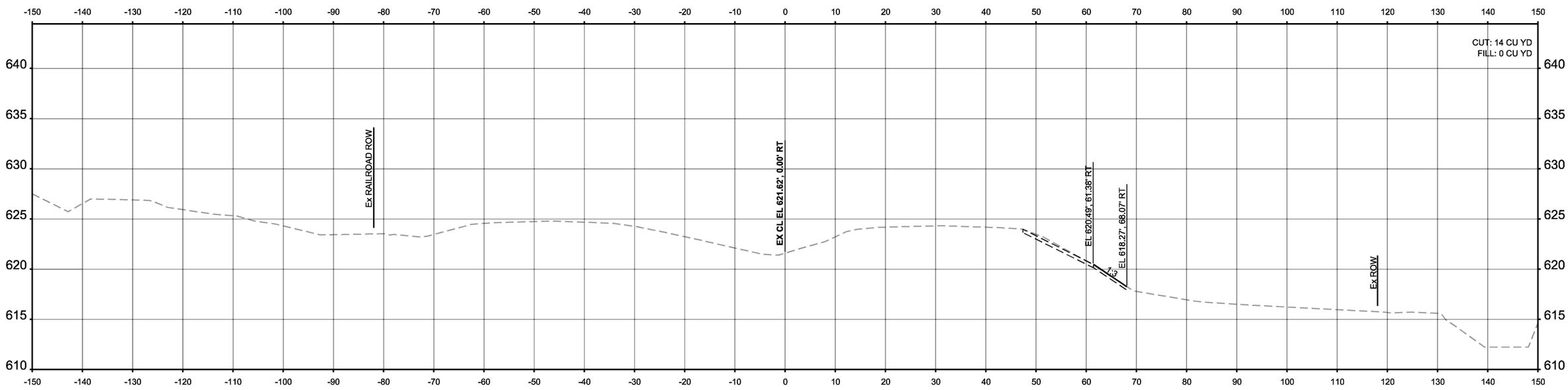
CROSS SECTIONS

SCALE: 1"=10' | SHEET 30 OF 50 SHEETS | STA. 321+00.00 | TO STA. 321+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	143
		CONTRACT NO. 62P01		
	ILLINOIS	FED. AID PROJECT		



STA 322+50.00



STA 322+00.00

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

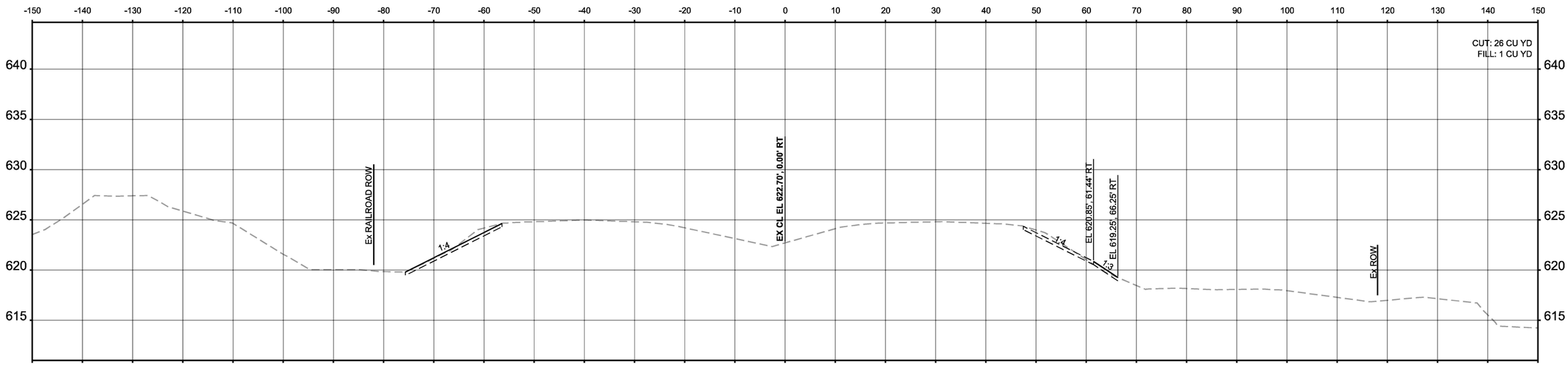
SCALE: 1"=10' | SHEET 31 OF 50 SHEETS | STA. 322+00.00 | TO STA. 322+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	144
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

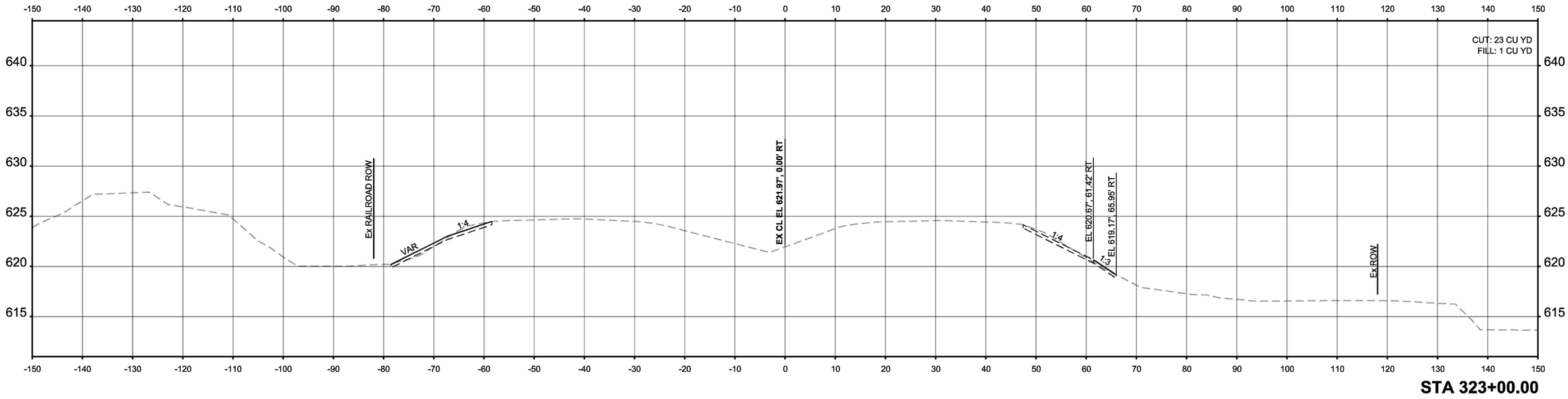
FINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

MODEL: PR Cross Sections - 322+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn



STA 323+50.00



STA 323+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

NO.	BY	DATE

MODEL: PR Cross Sections - 323+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms560771\D162P01-8H-XSCs.dgn

Ardmore Roderick

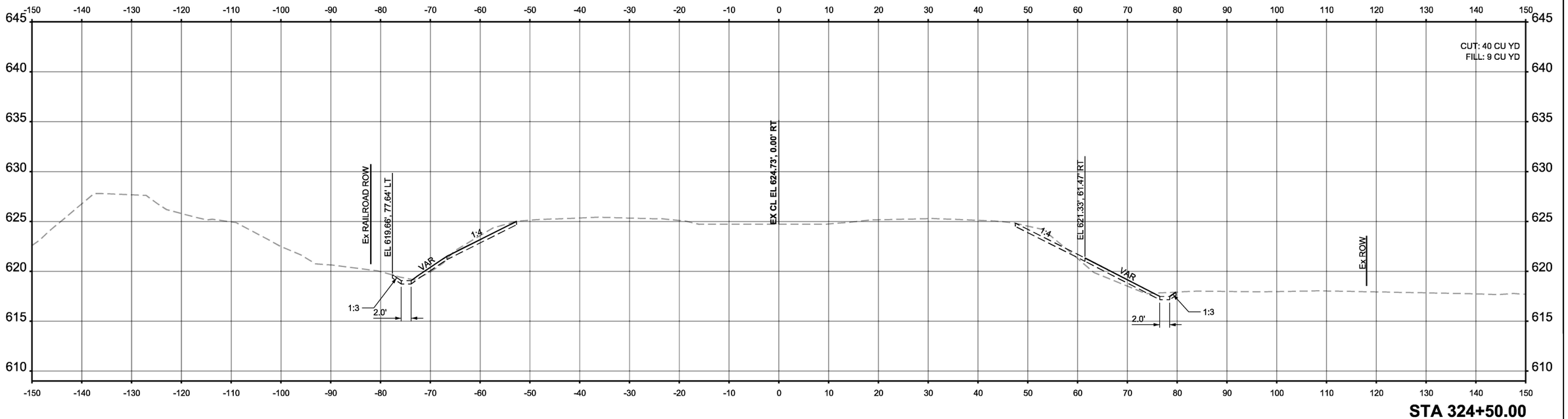
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

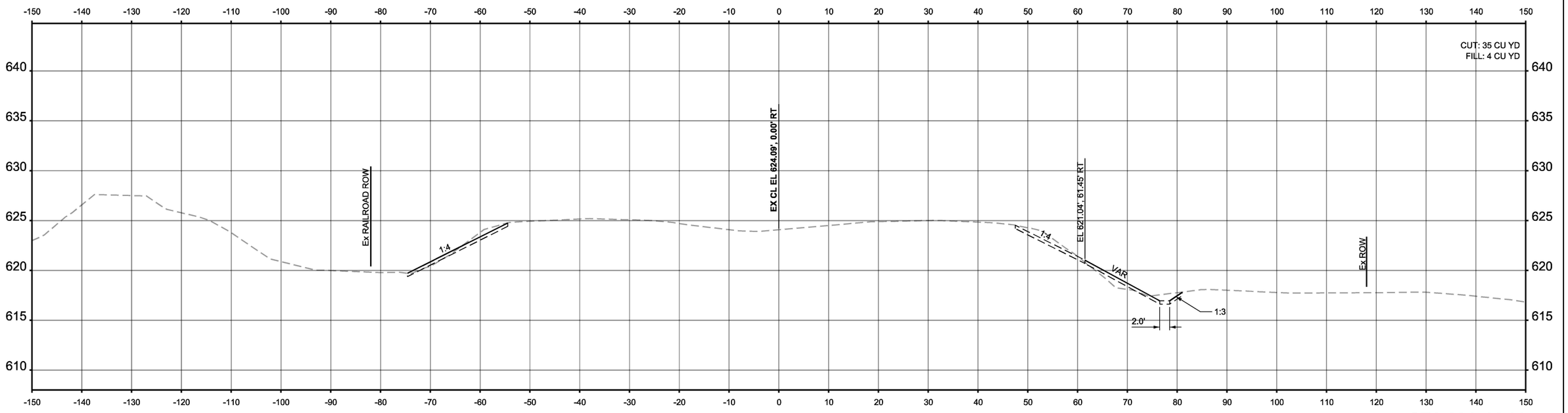
CROSS SECTIONS

SCALE: 1"=10' | SHEET 32 OF 50 SHEETS | STA. 323+00.00 | TO STA. 323+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	145
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 324+50.00



STA 324+00.00

ORIGINAL SURVEY	NOTE BOOK	NO.
FINAL SURVEY		

SURVEYED BY
PLOTTED DATE
TEMPLATE
AREAS
AREAS CHECKED

MODEL: PR Cross Sections - 324+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms56077\D162P01-slH-XSCs.dgn

Ardmore Roderick

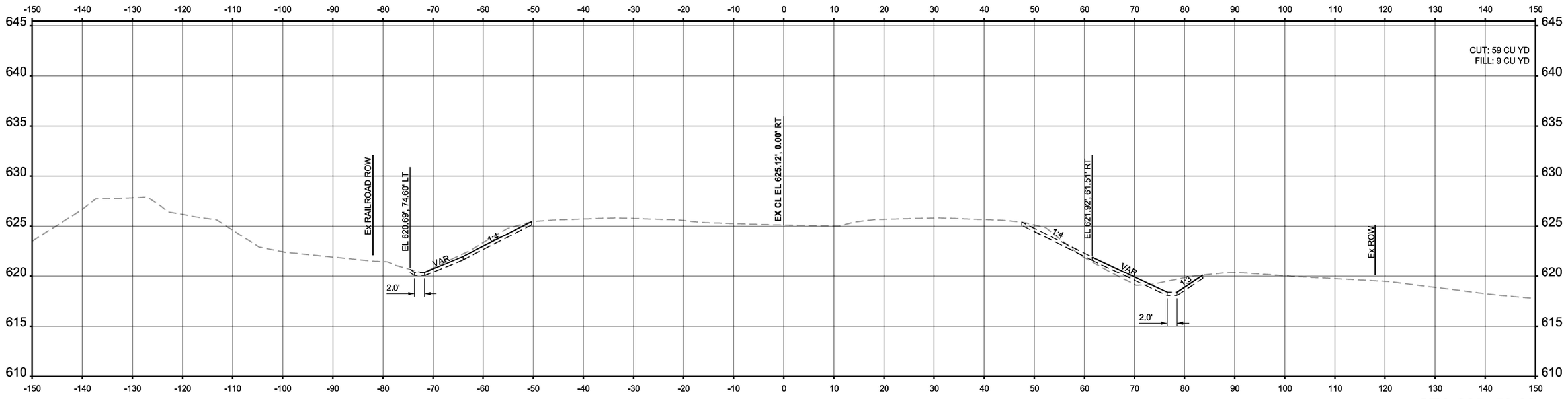
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

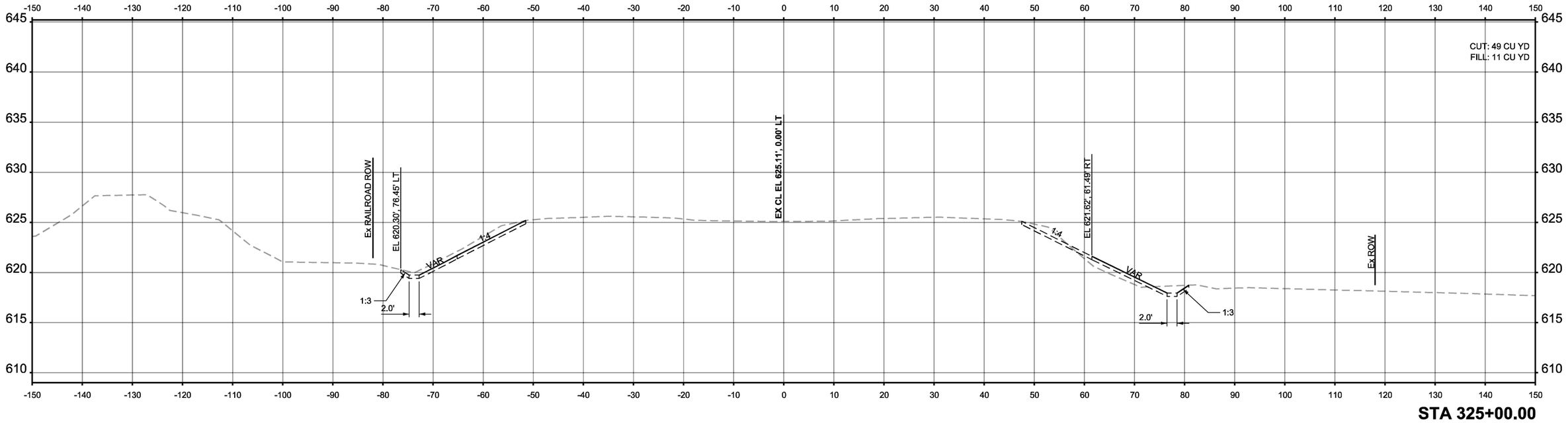
CROSS SECTIONS

SCALE: 1"=10' | SHEET 33 OF 50 SHEETS | STA. 324+00.00 | TO STA. 324+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	146
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 325+50.00



STA 325+00.00

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

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

MODEL: PR Cross Sections - 325+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

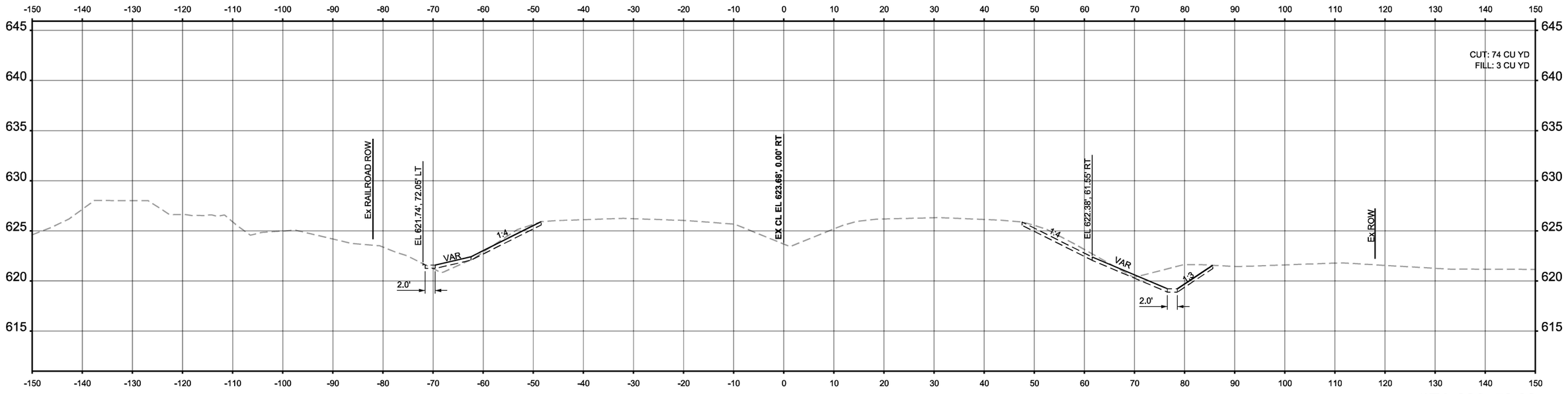
CROSS SECTIONS

SCALE: 1"=10' | SHEET 34 OF 50 SHEETS | STA. 325+00.00 TO STA. 325+50.00

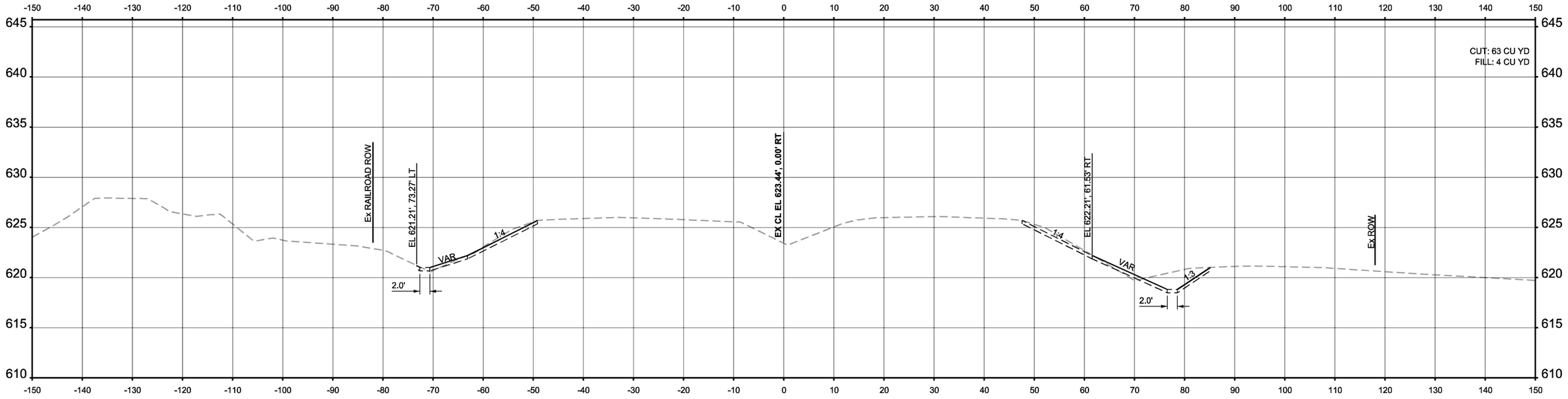
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	147

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 326+50.00



STA 326+00.00

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

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

MODEL: PR Cross Sections - 326+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

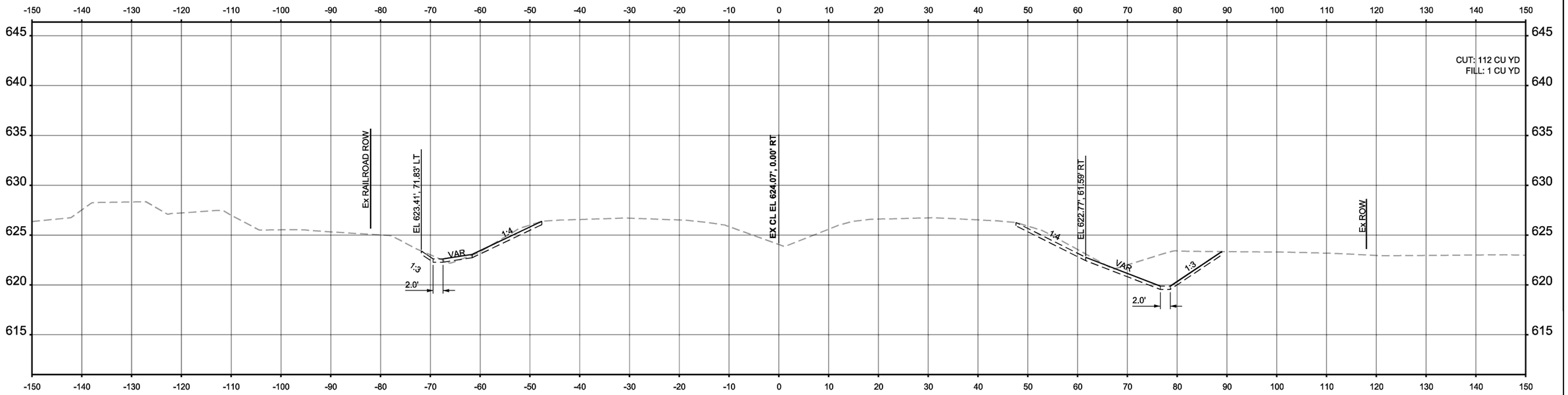
CROSS SECTIONS

SCALE: 1"=10' | SHEET 35 OF 50 SHEETS | STA. 326+00.00 TO STA. 326+50.00

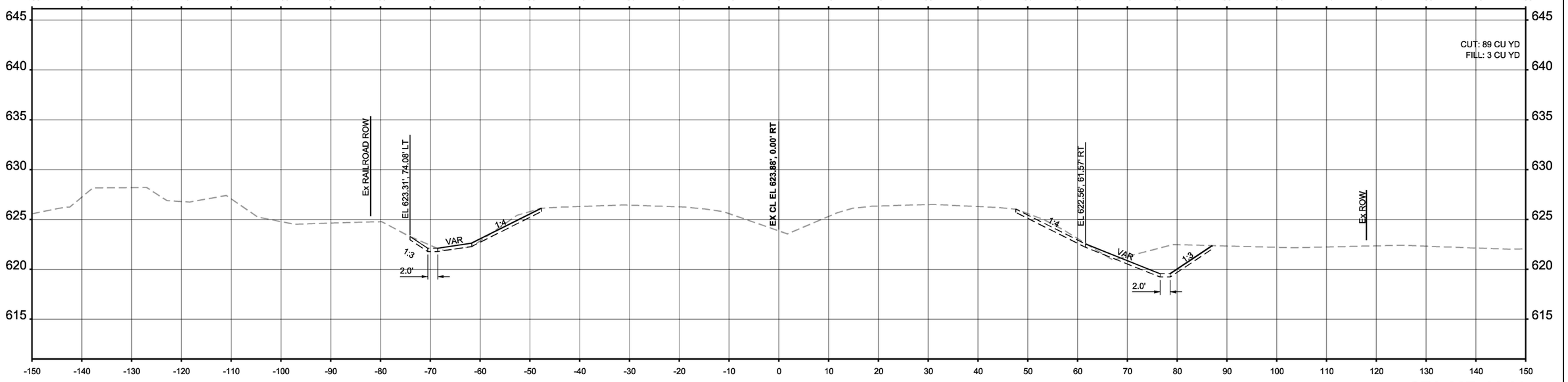
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	148

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 327+50.00



STA 327+00.00

FINAL SURVEY / ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

MODEL: PR Cross Sections - 327+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms560770\D162P01-sht-XSCs.dgn

Ardmore Roderick

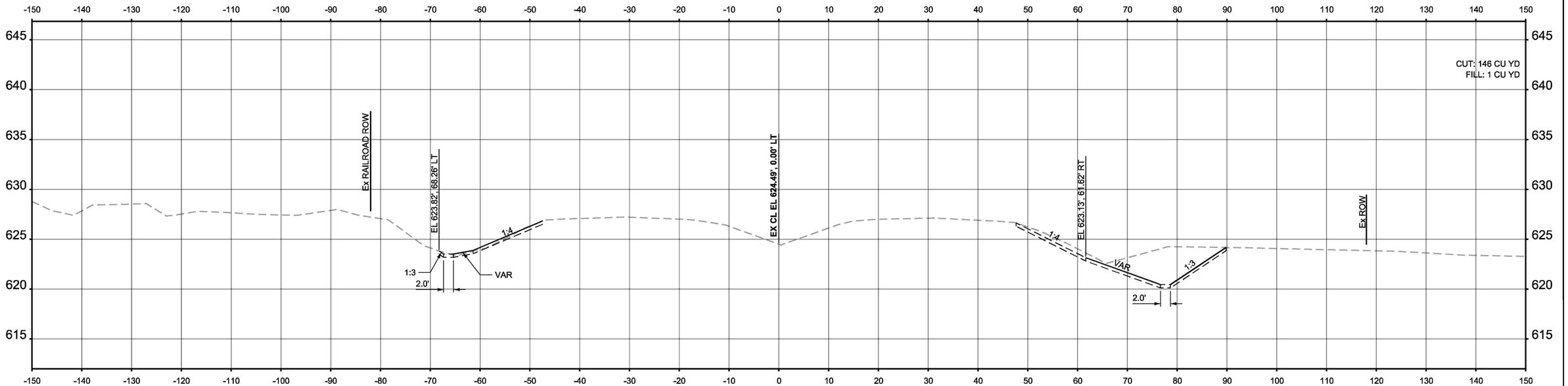
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

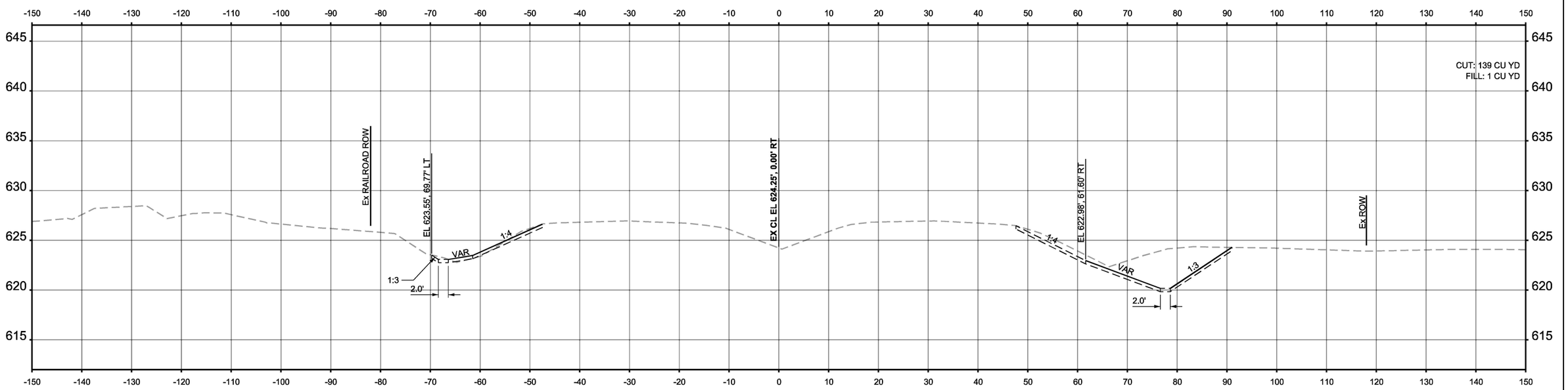
CROSS SECTIONS

SCALE: 1"=10' | SHEET 36 OF 50 SHEETS | STA. 327+00.00 | TO STA. 327+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	149
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 328+50.00



STA 328+00.00

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

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

MODEL: PR Cross Sections - 328+00.00
FILE NAME: c:\pwworking\primera\pwprod\white\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

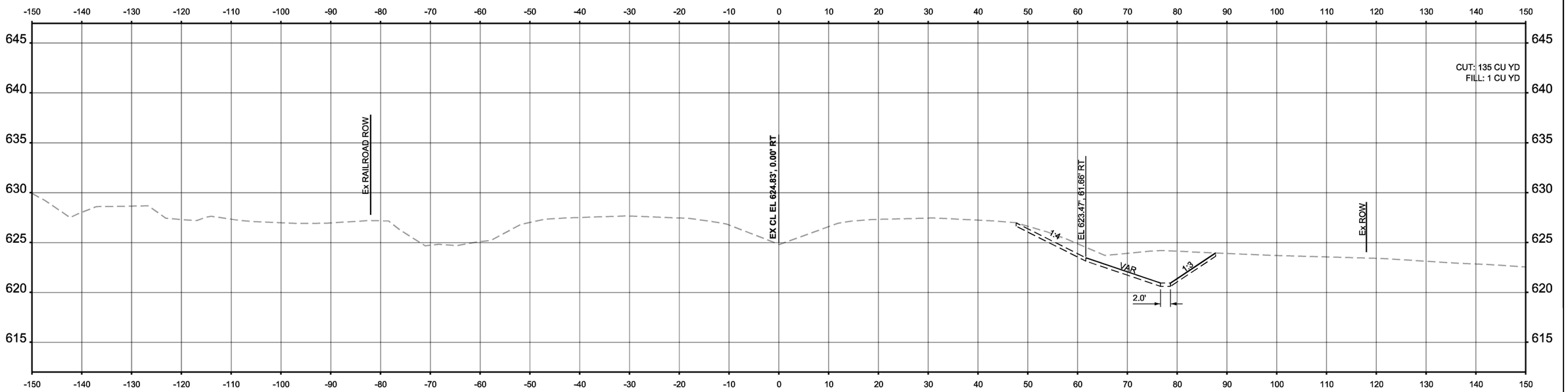
CROSS SECTIONS

SCALE: 1"=10' | SHEET 37 OF 50 SHEETS | STA. 328+00.00 TO STA. 328+50.00

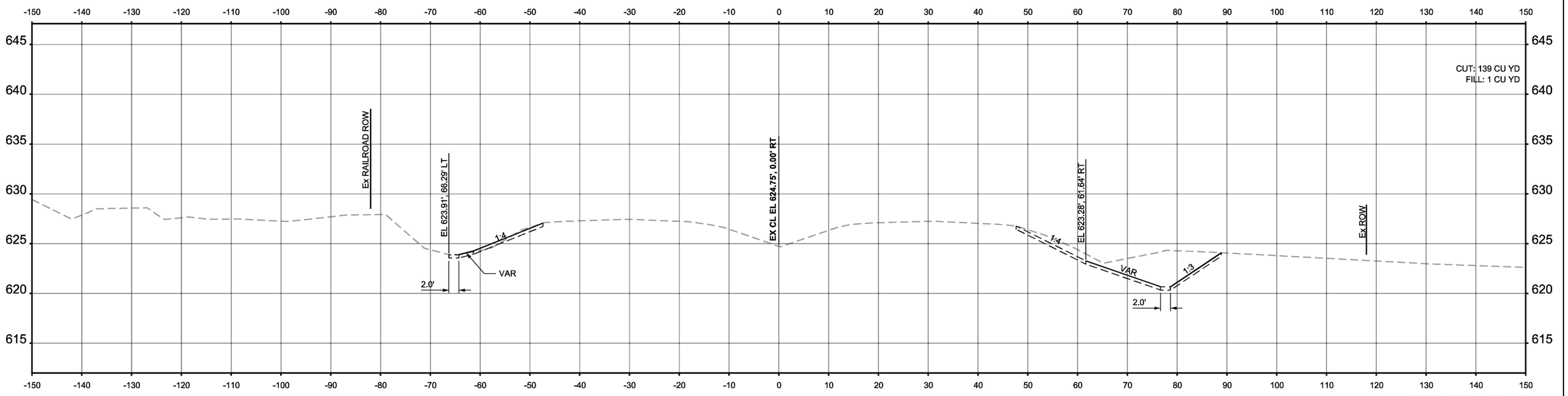
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	150

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 329+50.00



STA 329+00.00

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

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

MODEL: PR Cross Sections - 329+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560770\D162P01-sht-XSCs.dgn

Ardmore Roderick

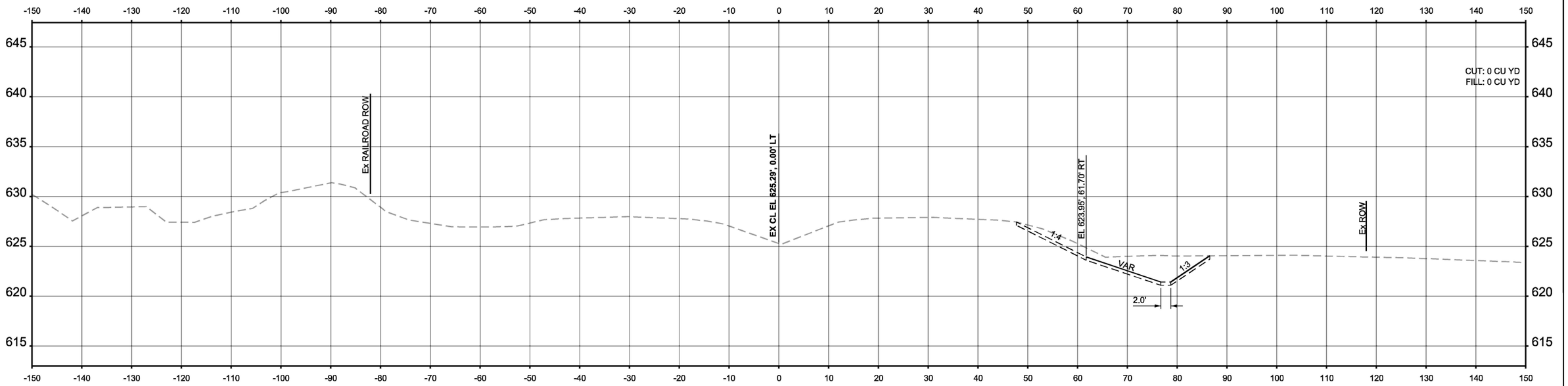
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

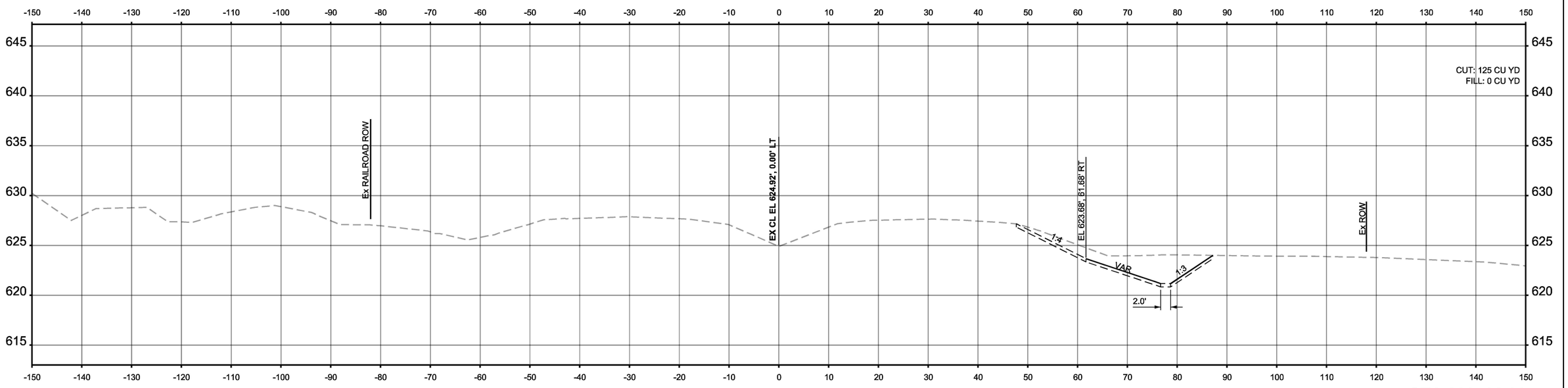
CROSS SECTIONS

SCALE: 1"=10' | SHEET 38 OF 50 SHEETS | STA. 329+00.00 | TO STA. 329+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	151
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 330+50.00



STA 330+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY		

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: PR Cross Sections - 330+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms5607\D162P01-sht-XSCs.dgn

Ardmore Roderick

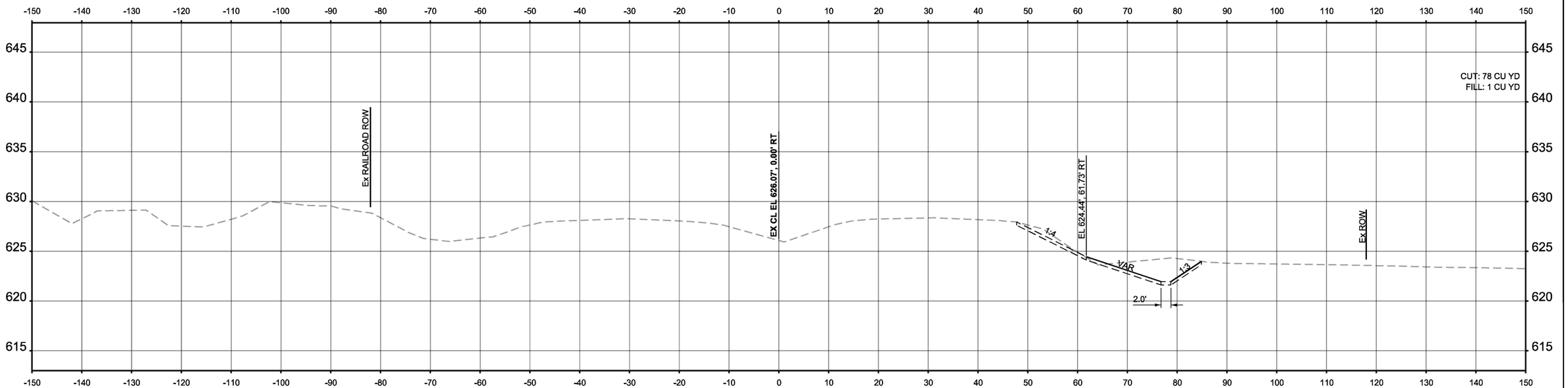
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

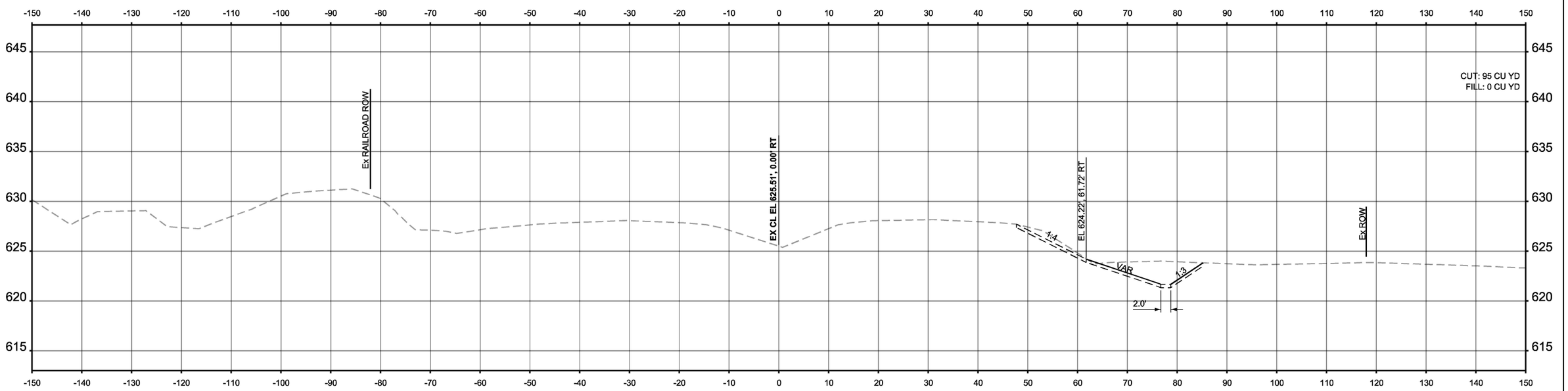
CROSS SECTIONS

SCALE: 1"=10' | SHEET 39 OF 50 SHEETS | STA. 330+00.00 | TO STA. 330+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	152
		CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		



STA 331+50.00



STA 331+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED BY DATE
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: PR Cross Sections - 331+00.00
FILE NAME: c:\pwworking\rprimer\pwprod\rwhite\dms56077\D162P01-slH-XSCs.dgn

Ardmore Roderick

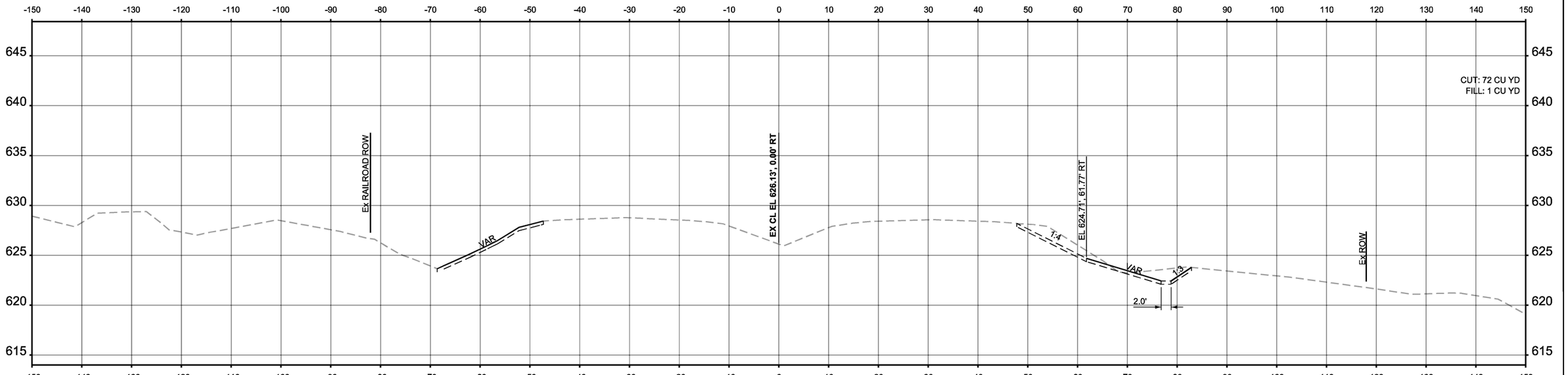
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

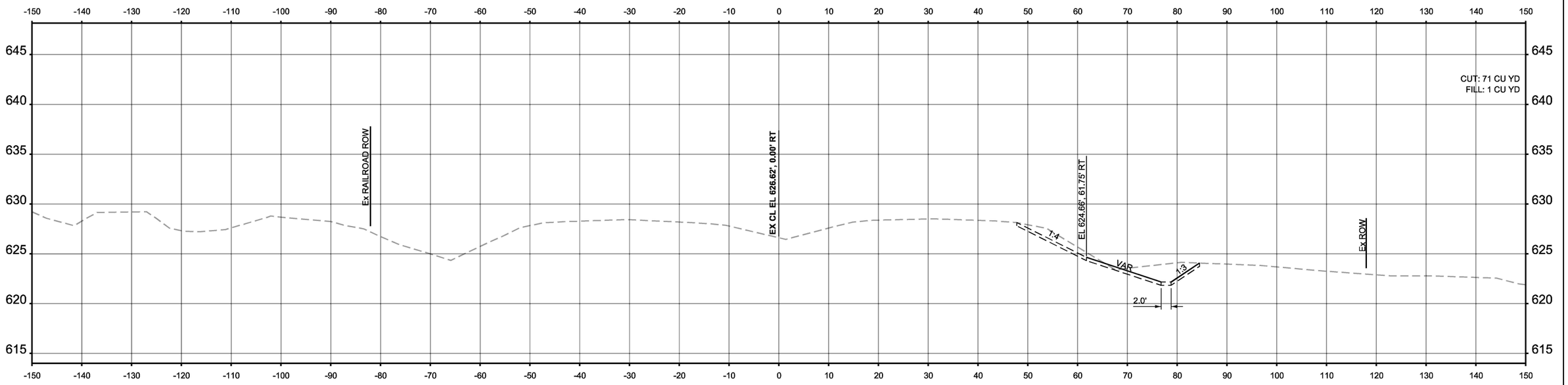
CROSS SECTIONS

SCALE: 1"=10' | SHEET 40 OF 50 SHEETS | STA. 331+00.00 | TO STA. 331+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	153
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 332+50.00



STA 332+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR Cross Sections - 332+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms5607\D162P01-sht-XSCs.dgn

Ardmore Roderick

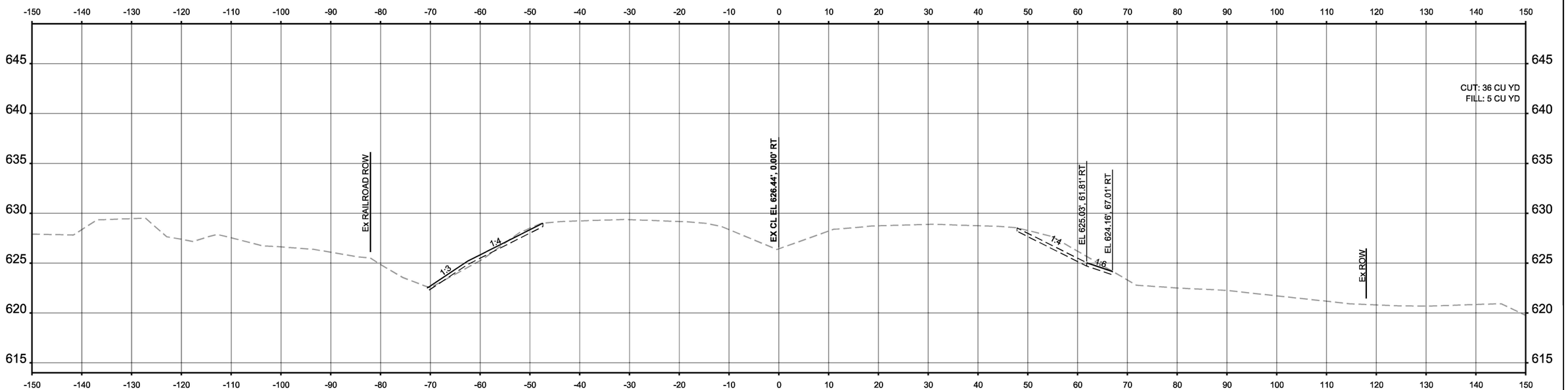
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

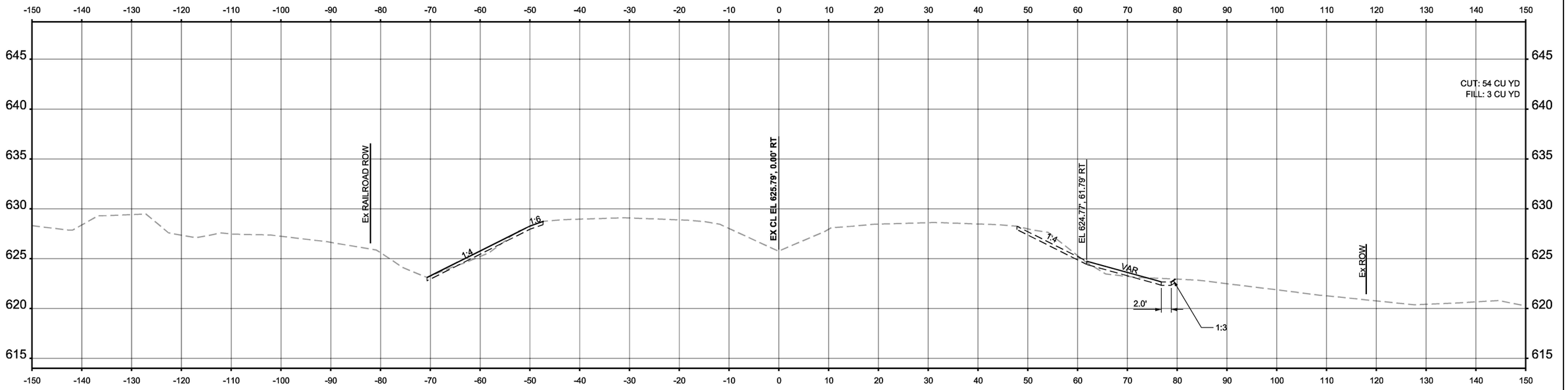
CROSS SECTIONS

SCALE: 1"=10' | SHEET 41 OF 50 SHEETS | STA. 332+00.00 | TO STA. 332+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	154
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 333+50.00



STA 333+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: PR Cross Sections - 333+00.00
FILE NAME: c:\pwworking\primeralpwprod\rwhite\dms560771\D162P01-sht-XSCs.dgn

Ardmore Roderick

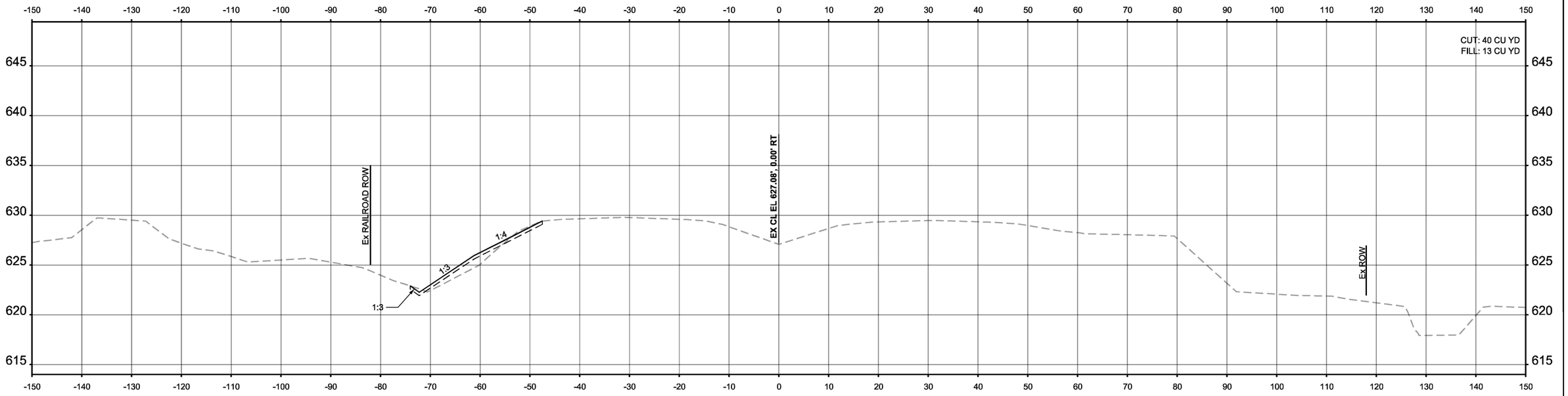
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

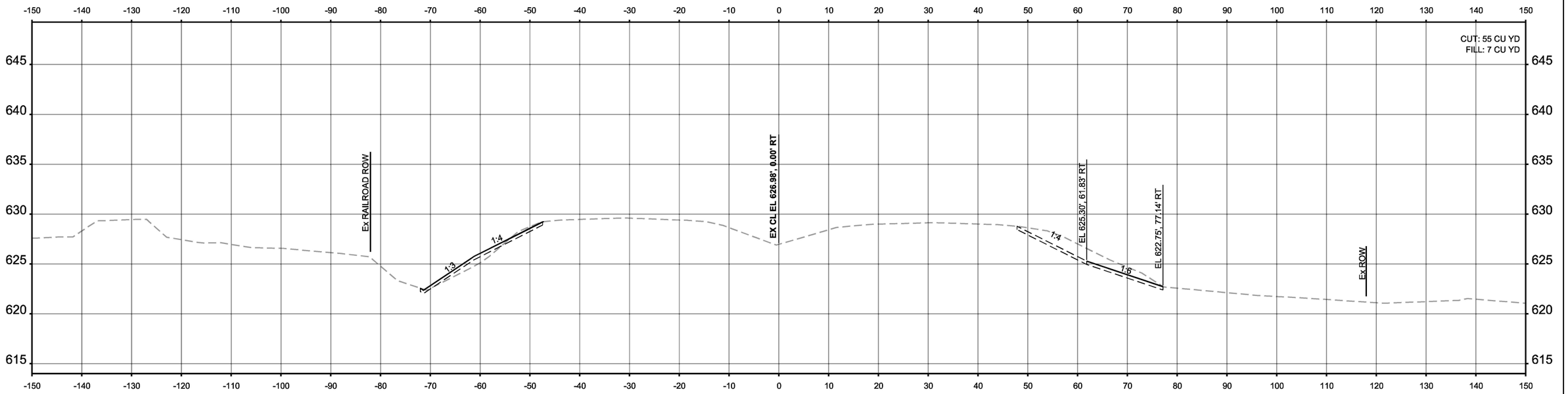
CROSS SECTIONS

SCALE: 1"=10' | SHEET 42 OF 50 SHEETS | STA. 333+00.00 | TO STA. 333+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	155
		CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



STA 334+50.00



STA 334+00.00

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

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

MODEL: PR Cross Sections - 334+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

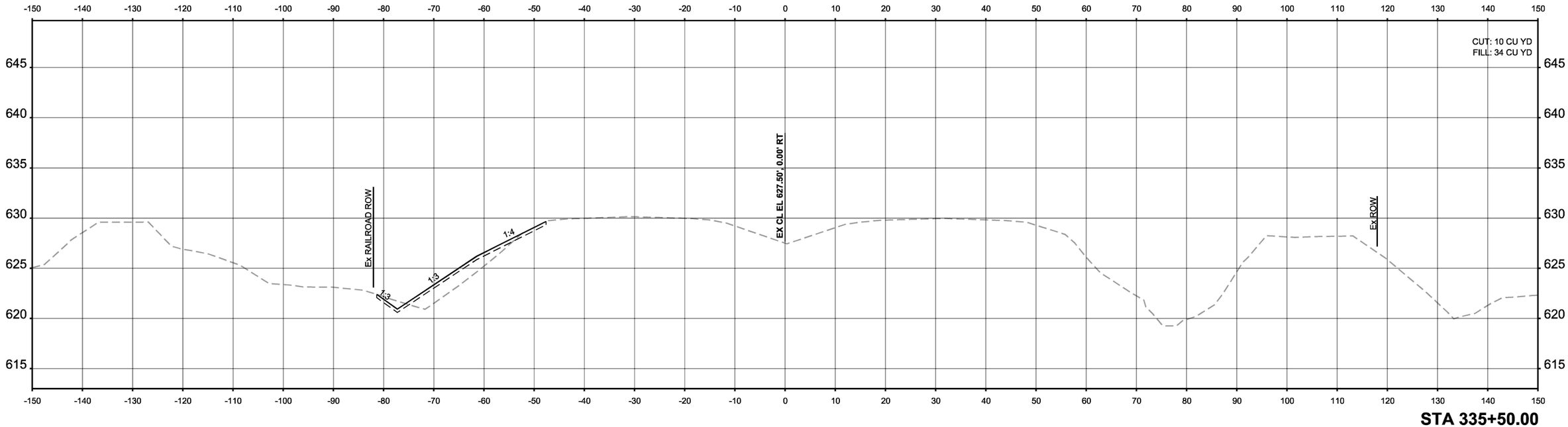
CROSS SECTIONS

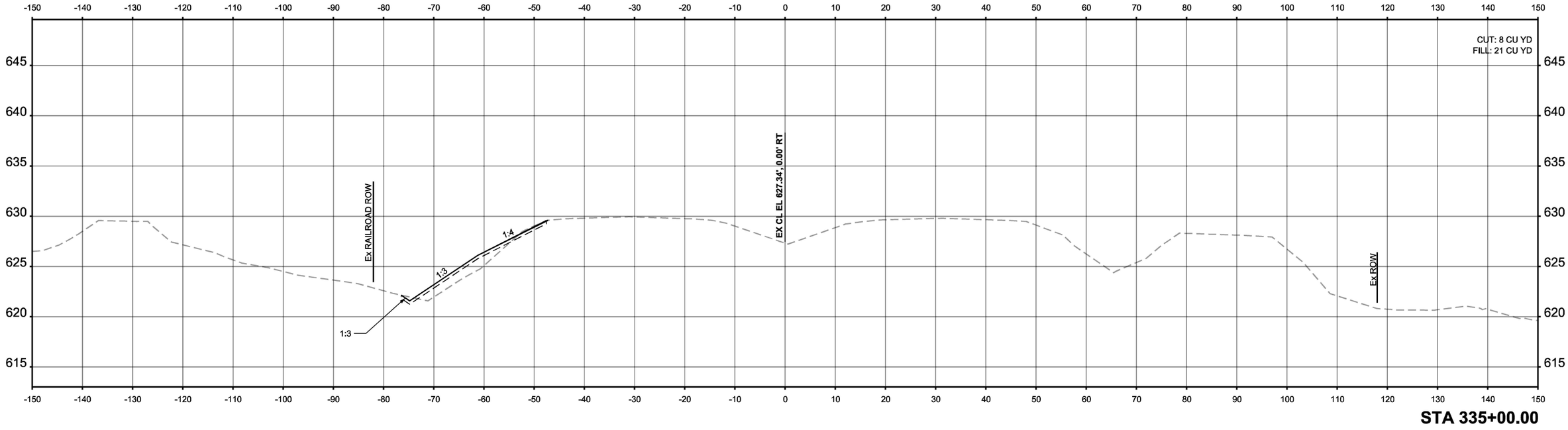
SCALE: 1"=10' | SHEET 43 OF 50 SHEETS | STA. 334+00.00 TO STA. 334+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	156

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT





USER NAME = rileywhite	DESIGNED - RBW	REVISED -	**STATE OF ILLINOIS**
	DRAWN - RBW	REVISED -	**DEPARTMENT OF TRANSPORTATION**
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

CROSS SECTIONS

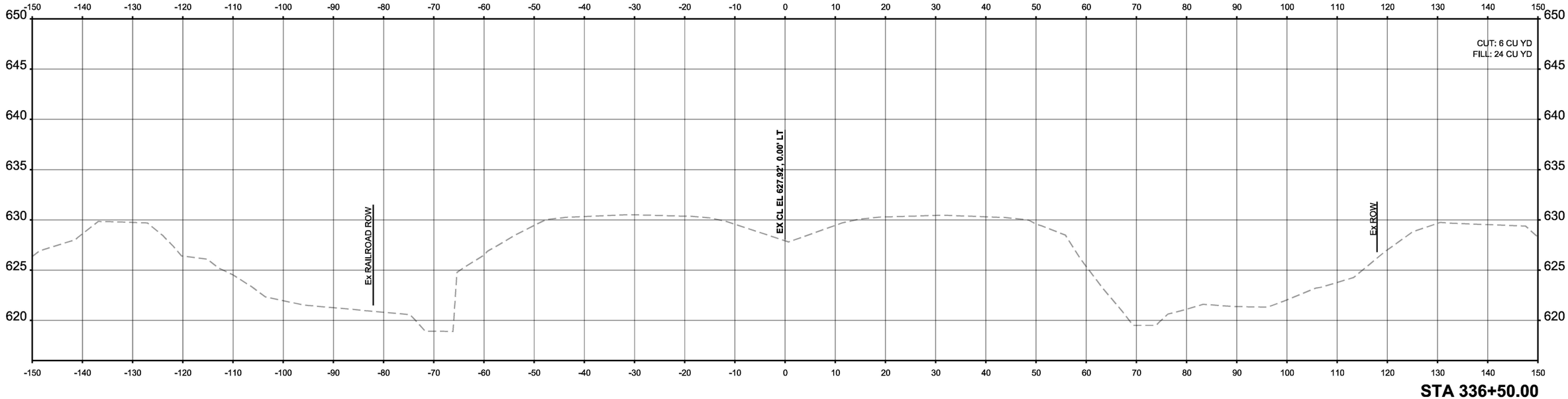
SCALE: 1"=10' | SHEET 44 OF 50 SHEETS | STA. 335+00.00 | TO STA. 335+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	157
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

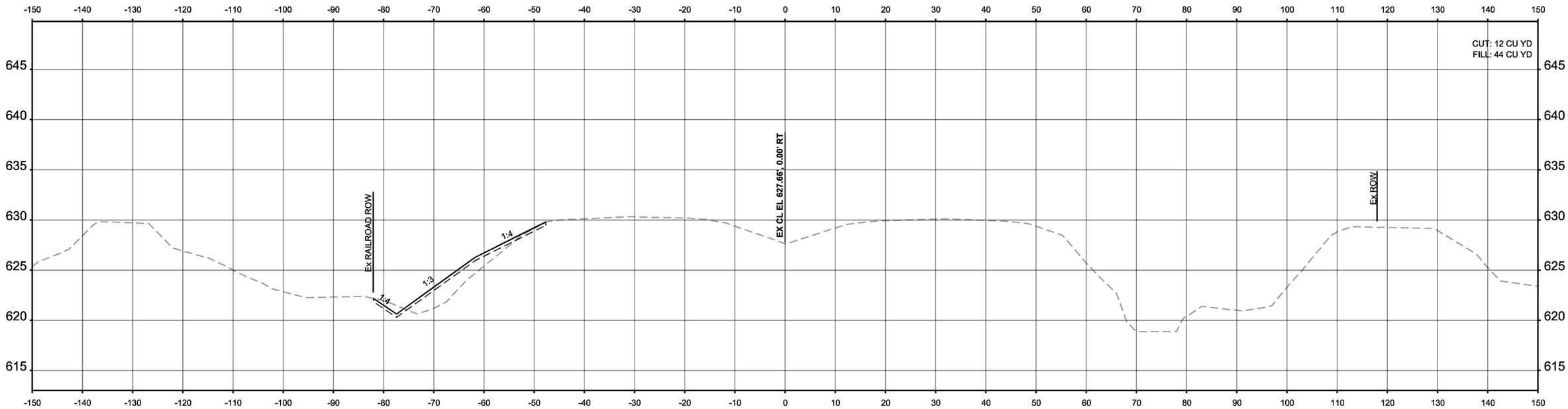
Ardmore Roderick

MODEL: PR Cross Sections - 335+00.00
FILE NAME: c:\pwworking\primera\pwroot\rwhite\d\ms56077\D162P01-sht-XSCs.dgn

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



STA 336+50.00



STA 336+00.00

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

Ardmore Roderick

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

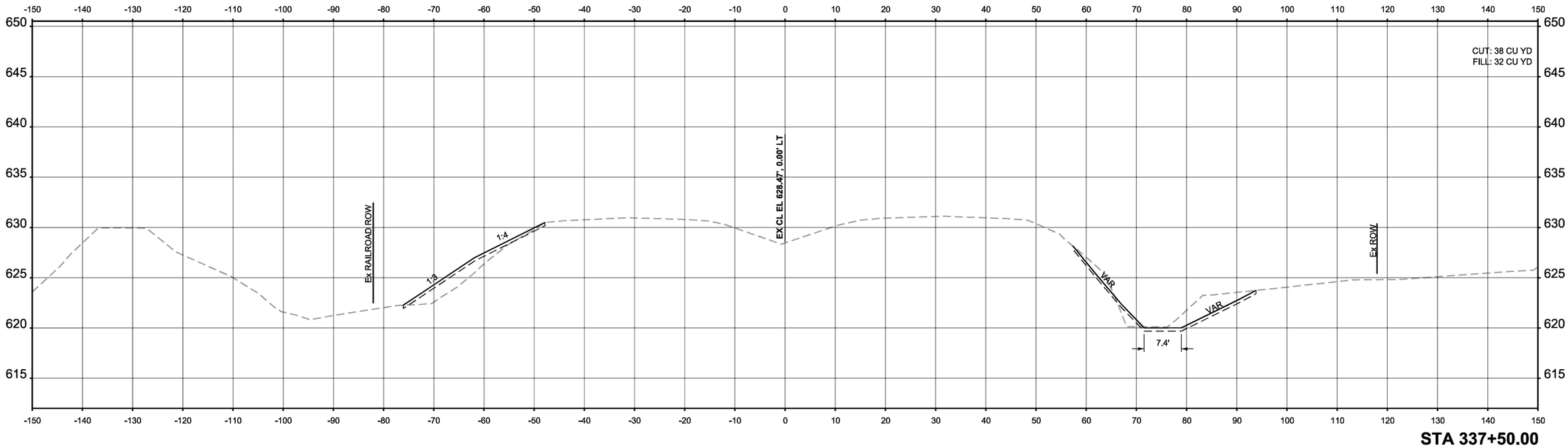
SCALE: 1"=10' | SHEET 45 OF 50 SHEETS | STA. 336+00.00 | TO STA. 336+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	158
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	

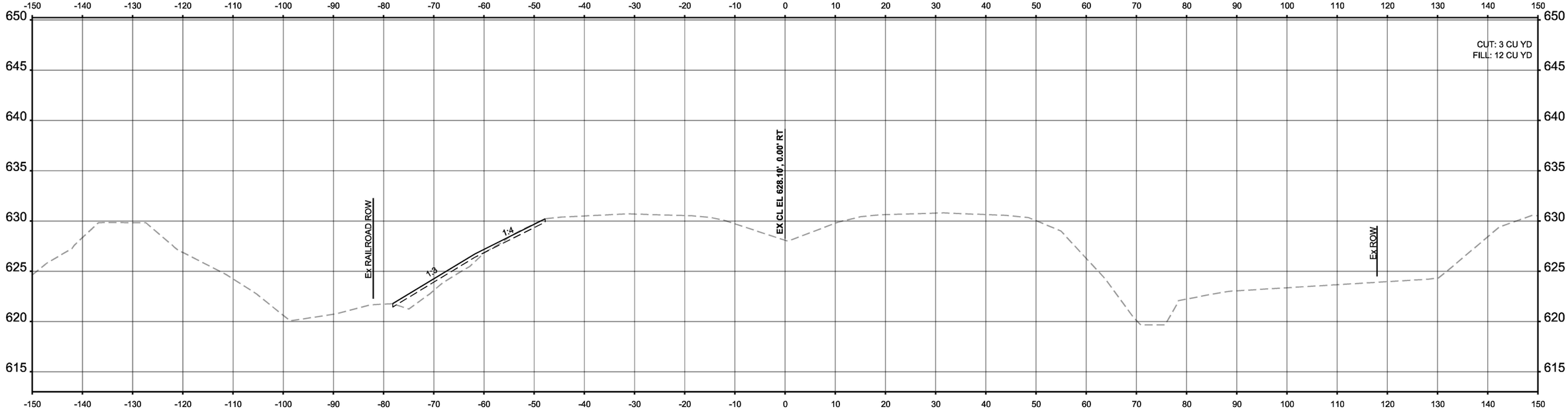
FINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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

MODEL: PR Cross Sections - 336+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn



STA 337+50.00



STA 337+00.00

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

MODEL: PR Cross Sections - 337+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560777\D162P01-sht-XSCs.dgn

Ardmore Roderick

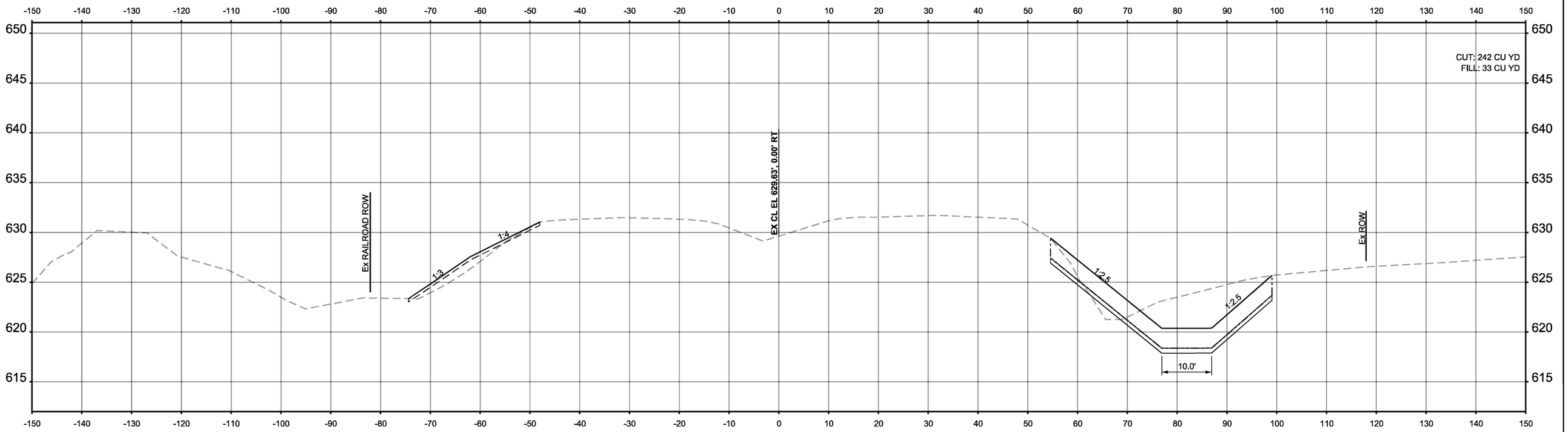
USER NAME = rileywhite	DESIGNED - RBW	REVISED -
	DRAWN - RBW	REVISED -
	CHECKED - YSK	REVISED -
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' | SHEET 46 OF 50 SHEETS | STA. 337+00.00 | TO STA. 337+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	159
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: PR Cross Sections - 338+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

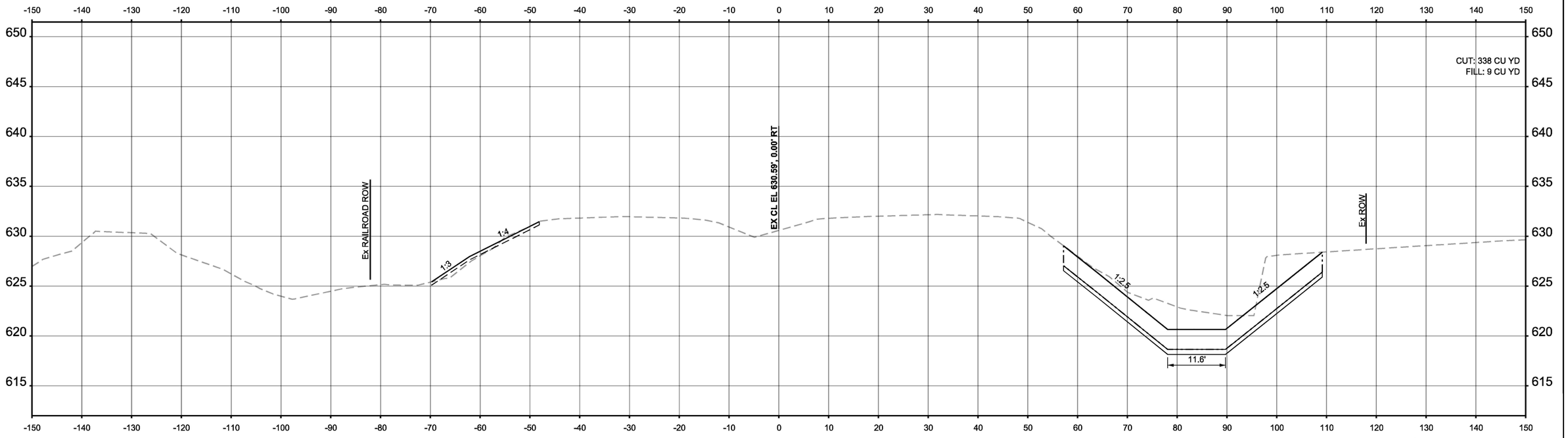
CROSS SECTIONS

SCALE: 1"=10' | SHEET 47 OF 50 SHEETS | STA. 338+00.00 TO STA. 338+50.00

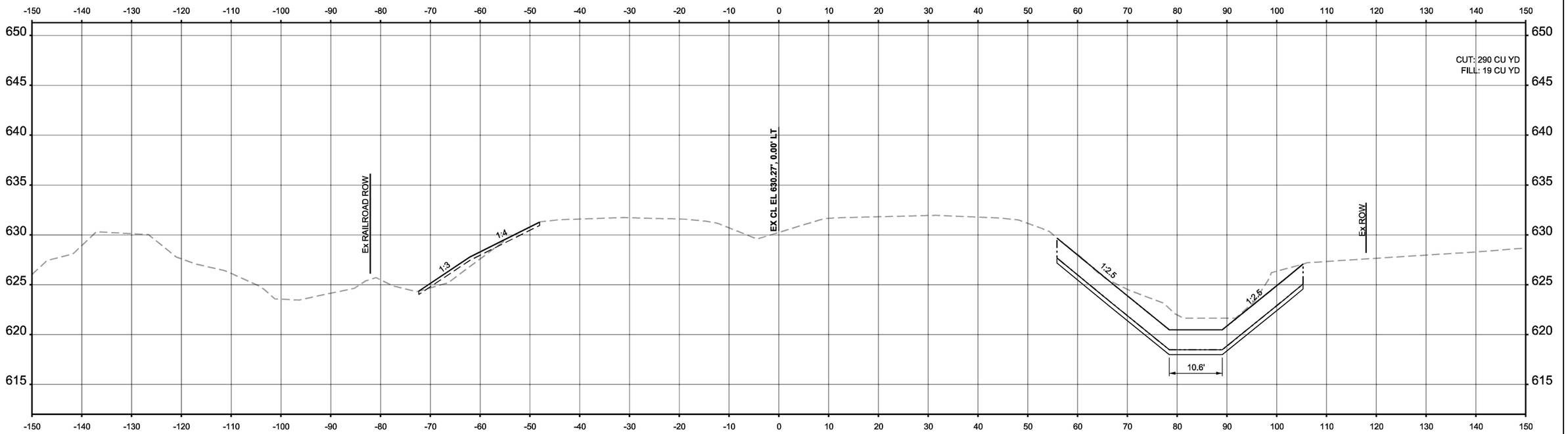
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	160

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 339+50.00



STA 339+00.00

FINAL SURVEY	NOTE BOOK	NO.
ORIGINAL SURVEY	NOTE BOOK	NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY
DATE

MODEL: PR Cross Sections - 339+00.00
FILE NAME: c:\pwworking\primeral\pwprod\rwhite\dms560771D162P01-sht-XSCs.dgn

Ardmore Roderick

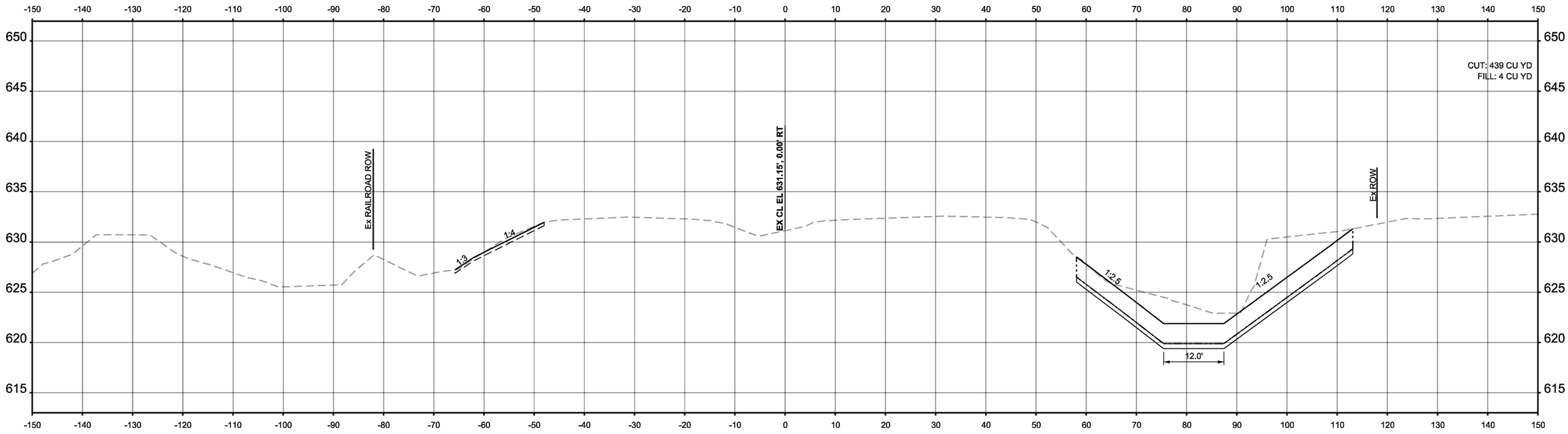
USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

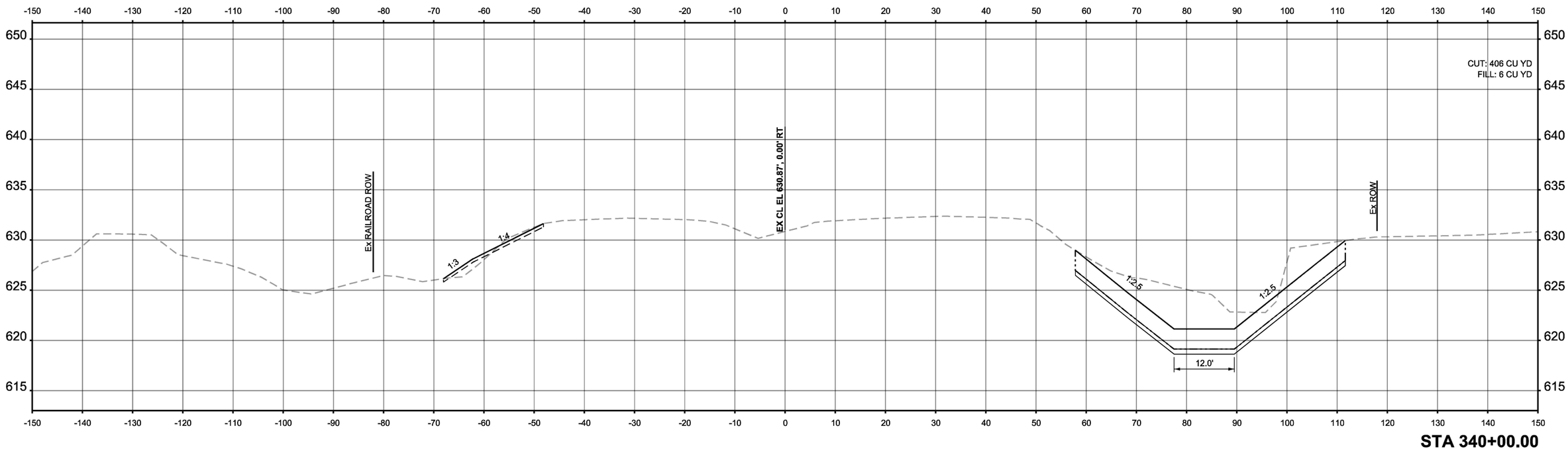
CROSS SECTIONS

SCALE: 1"=10' | SHEET 48 OF 50 SHEETS | STA. 339+00.00 | TO STA. 339+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	161
		CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



STA 340+50.00



STA 340+00.00

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

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

MODEL: PR Cross Sections - 340+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

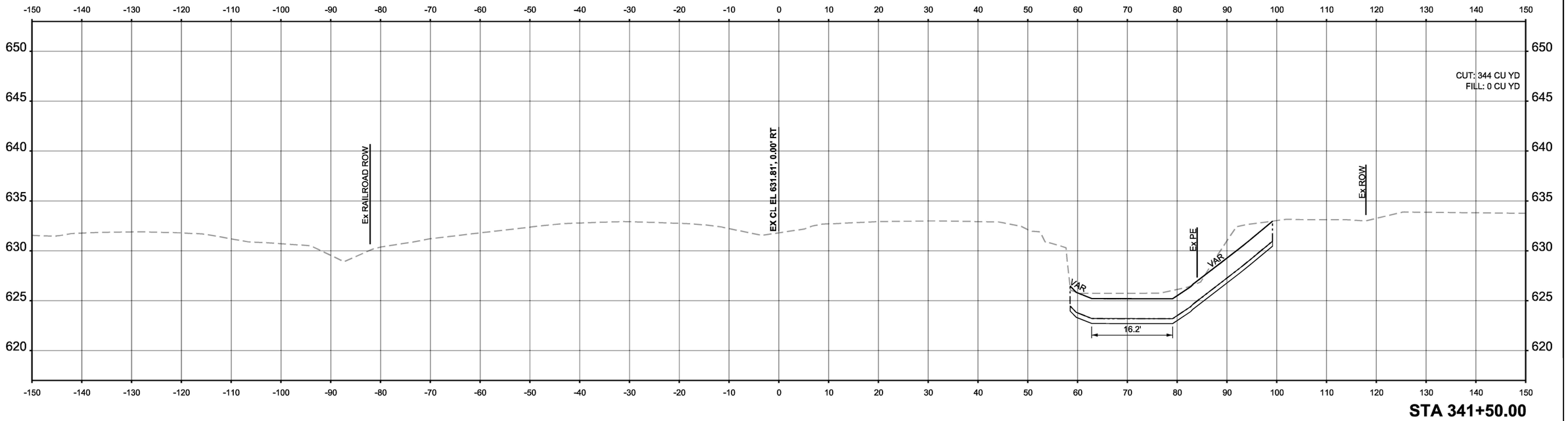
CROSS SECTIONS

SCALE: 1"=10' | SHEET 49 OF 50 SHEETS | STA. 340+00.00 TO STA. 340+50.00

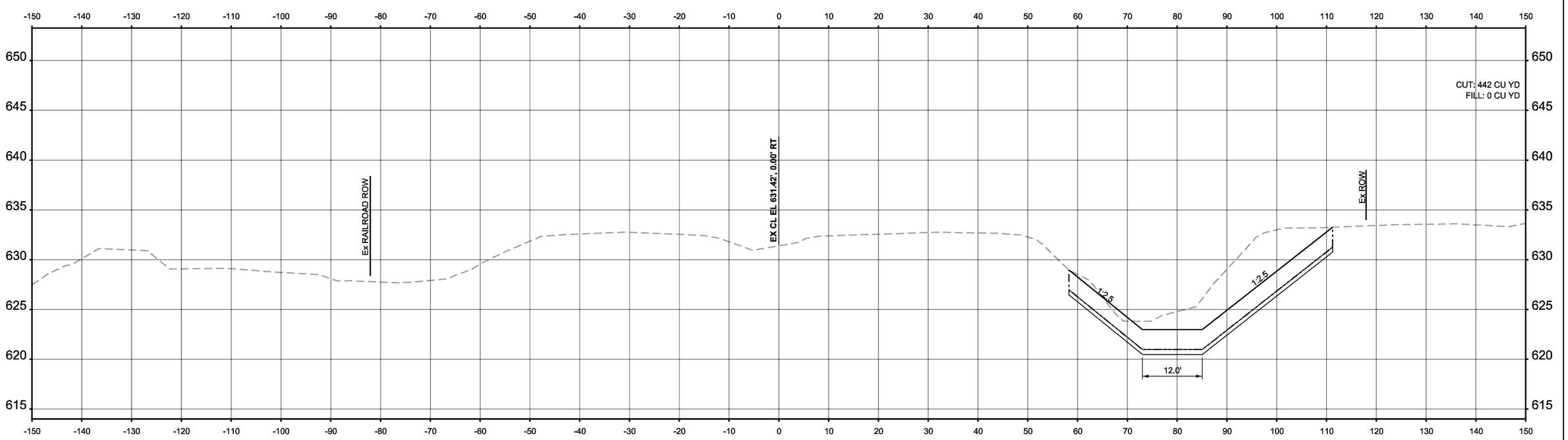
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	162

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



STA 341+50.00



STA 341+00.00

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

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

MODEL: PR Cross Sections - 341+00.00
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-XSCs.dgn

Ardmore Roderick

USER NAME = rileywhite	DESIGNED - RBW	REVISED -	
	DRAWN - RBW	REVISED -	
	CHECKED - YSK	REVISED -	
PLOT DATE = 10/17/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

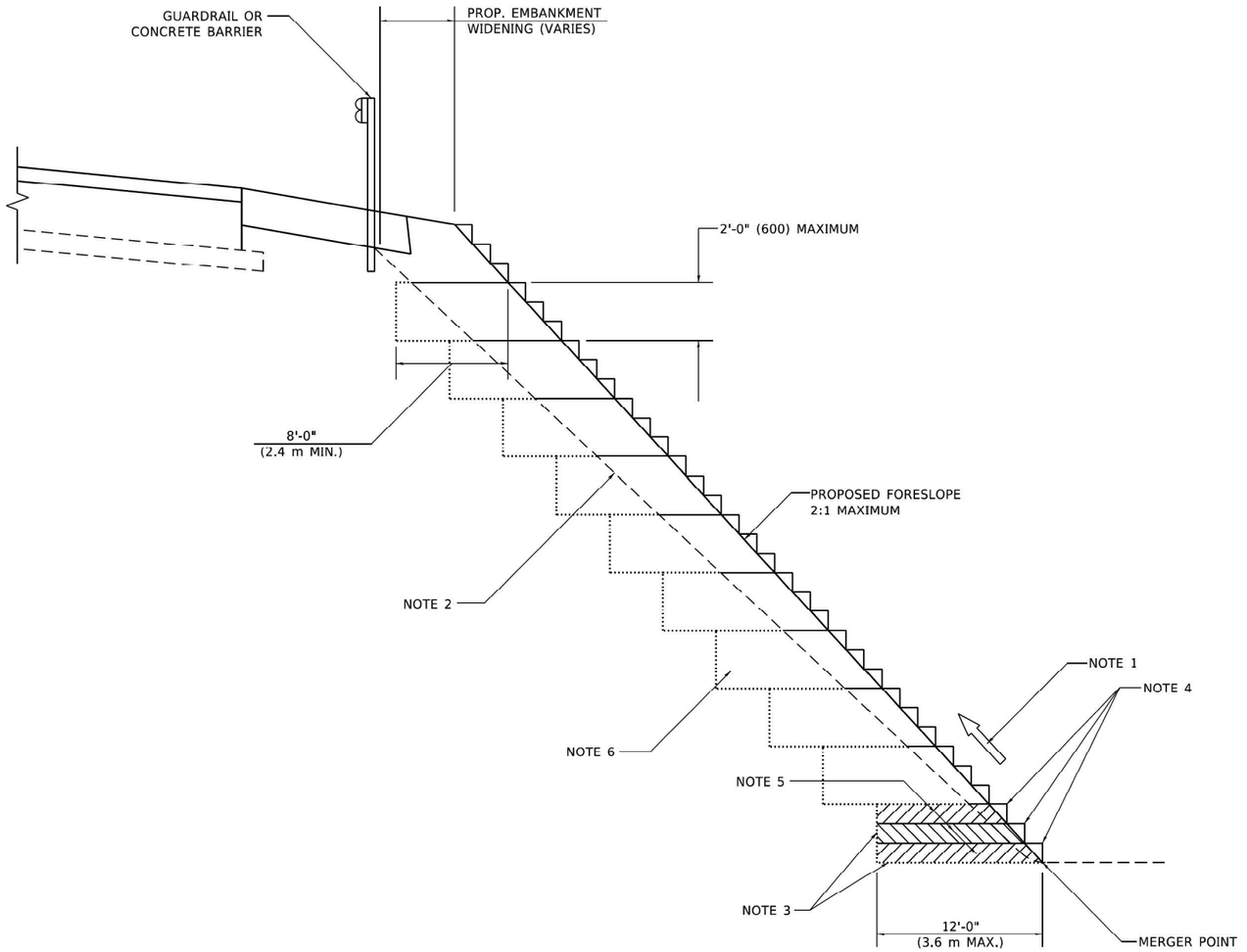
CROSS SECTIONS

SCALE: 1"=10' | SHEET 50 OF 50 SHEETS | STA. 341+00.00 TO STA. 341+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	163

CONTRACT NO. 62P01

ILLINOIS | FED. AID PROJECT



TYPICAL BENCHING DETAIL FOR EMBANKMENT

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Detail-1 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

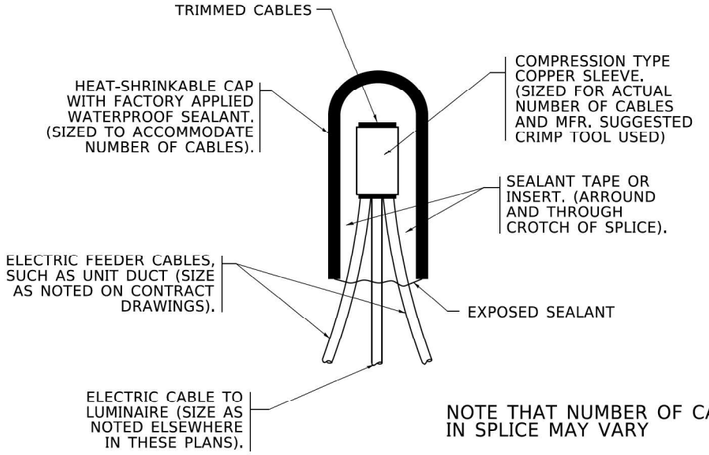
Primera

USER NAME = rileywhite	DESIGNED - AIM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 4/12/2025	DATE - 11/05/2025	REVISED -	

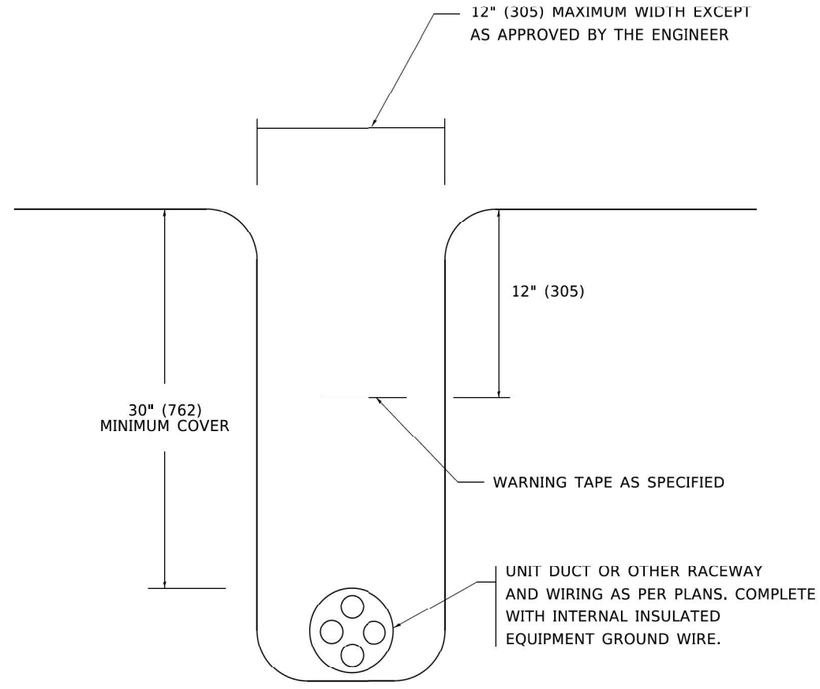
BENCHING DETAIL FOR EMBANKMENT WIDENING

SCALE: | SHEET 1 OF 10 SHEETS | STA. | TO STA.

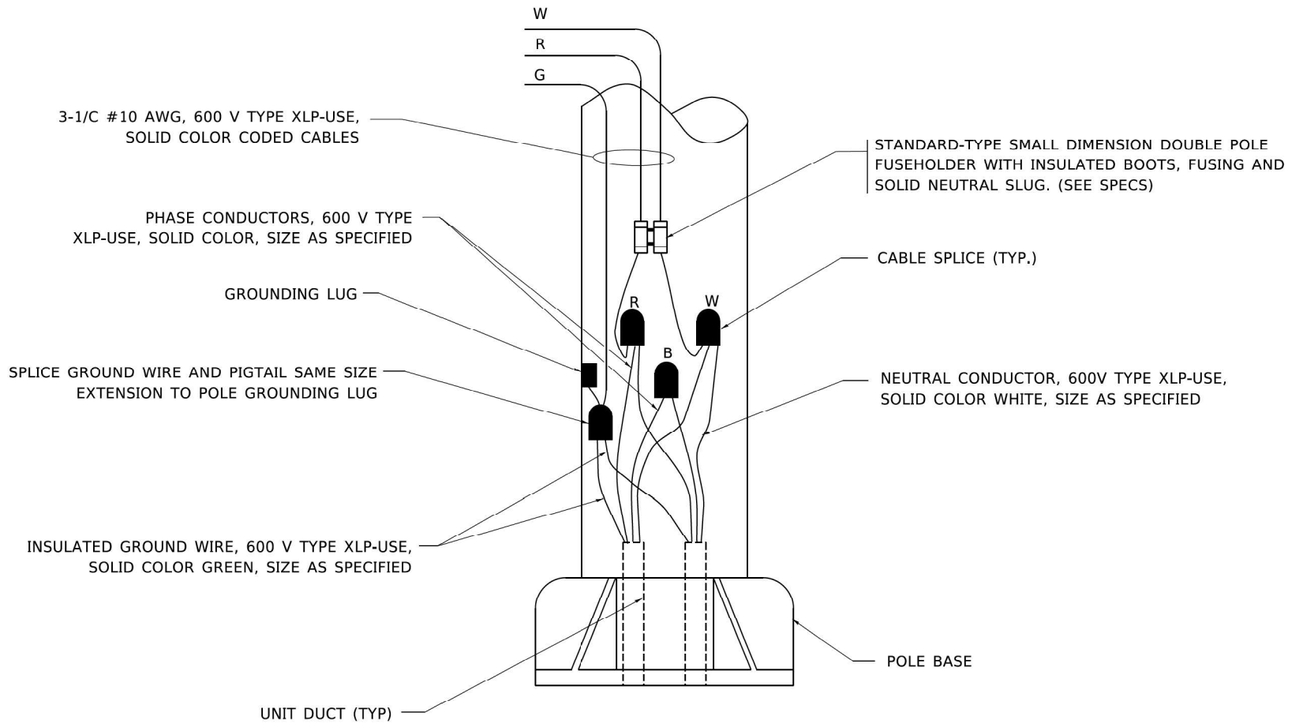
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	164
	BD-51	CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

MODEL: Detail-2 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera
FOR W. JACKSON BLVD. SUITE 500 CHICAGO IL 60604 P:312-588-0110 F:312-588-0115

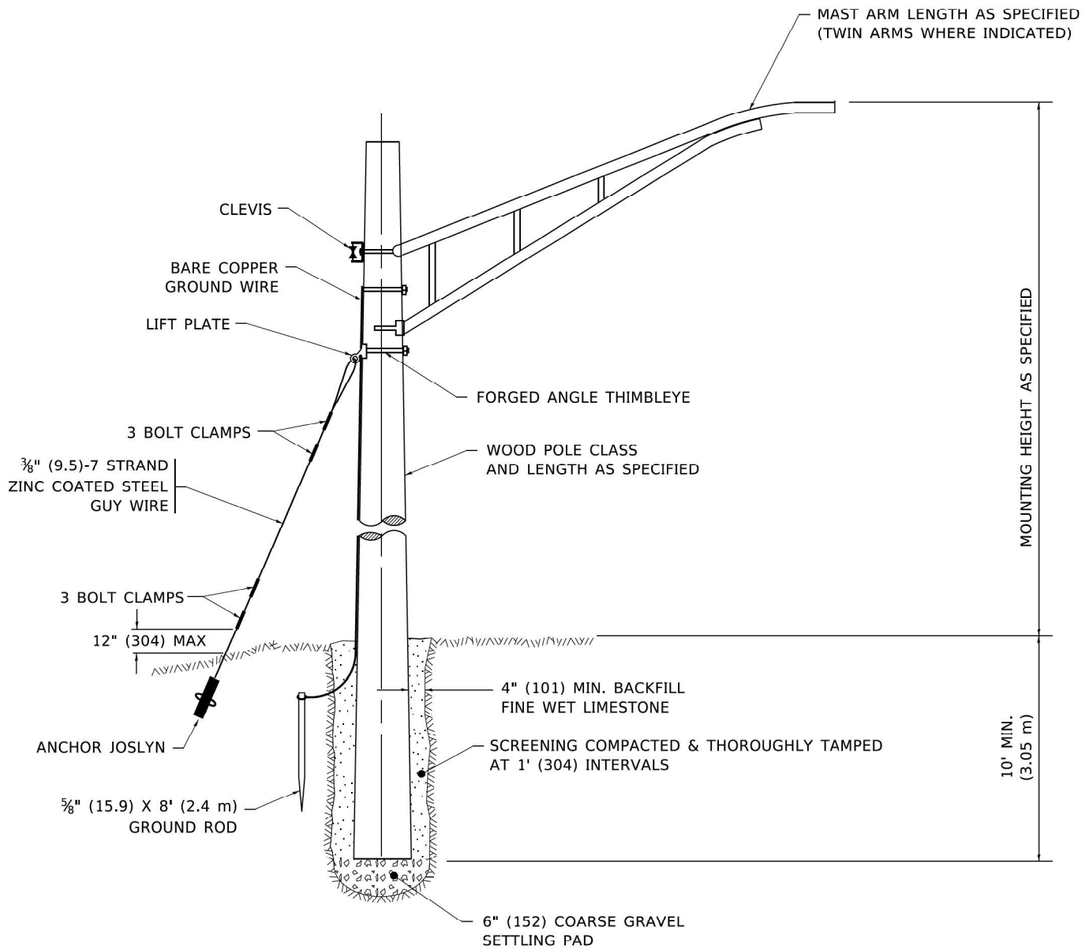
USER NAME = rileywhite	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 4/12/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

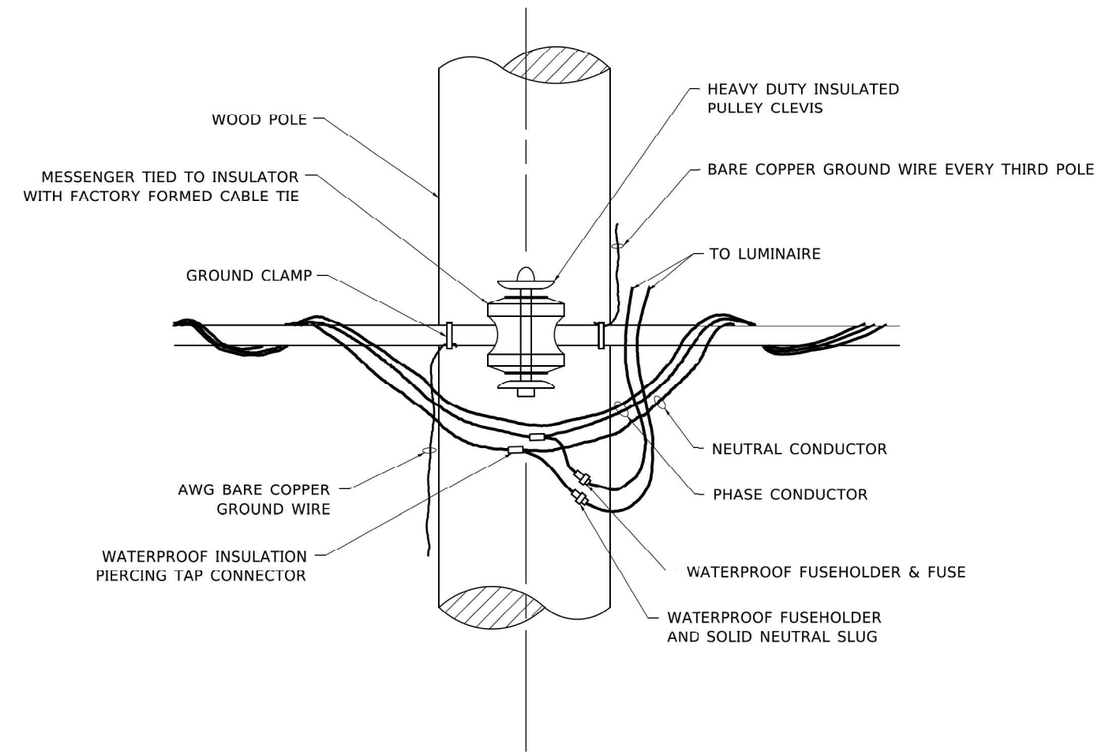
MISC. ELECTRICAL DETAILS
SHEET A

SCALE: | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	165
	BE-702	CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.

MODEL: Detail-3 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

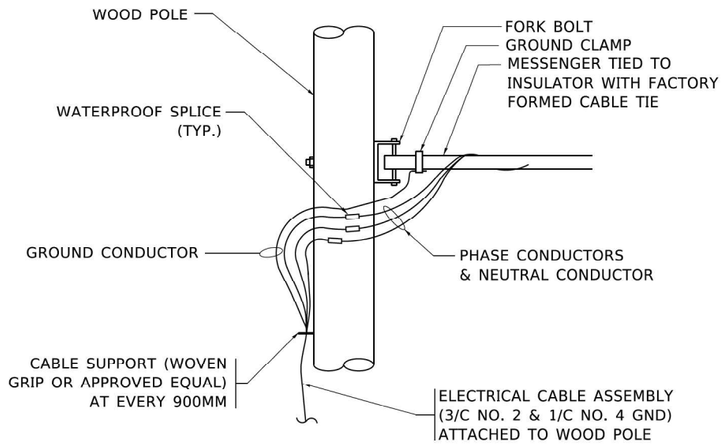
Primera

USER NAME = mmathews	DESIGNED - AIM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -	

TEMPORARY LIGHT POLE DETAILS

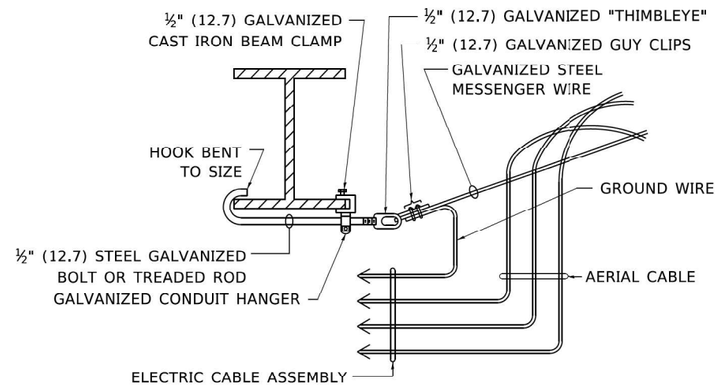
SCALE: | SHEET 3 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	166
	BE-800	CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



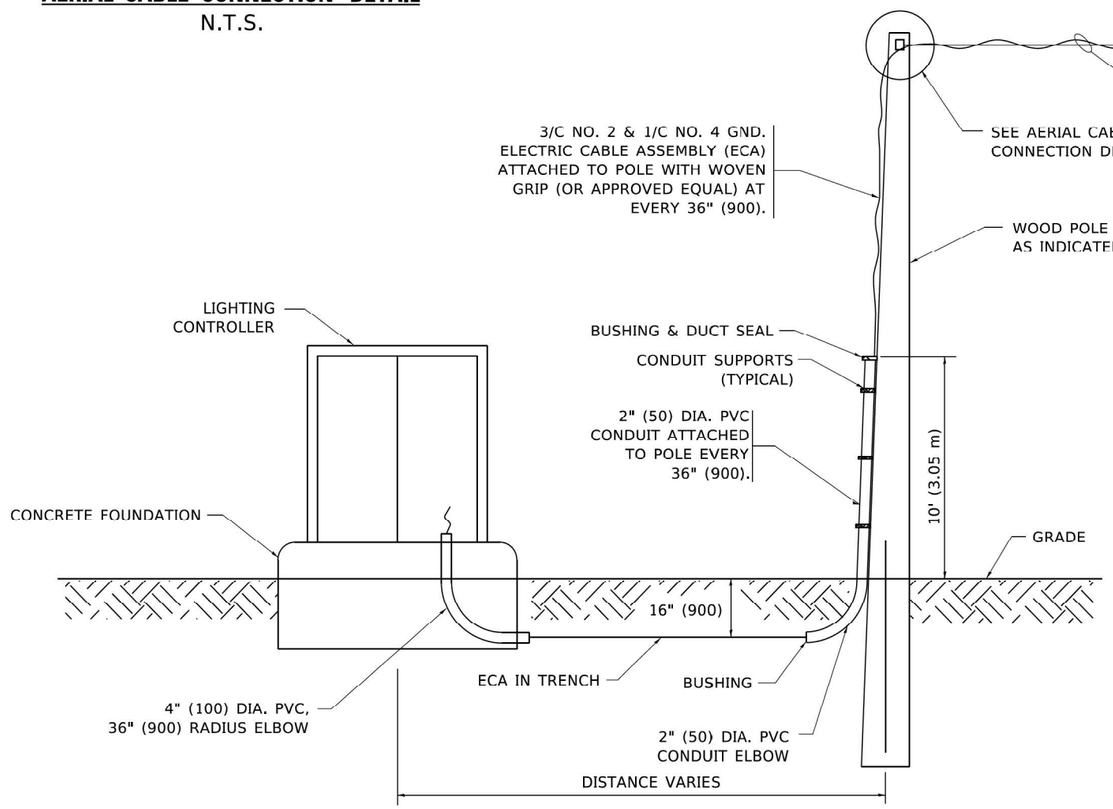
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

MODEL: Detail-4 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\rwhite\dms56077\D162P01-sht-District-Details.dgn

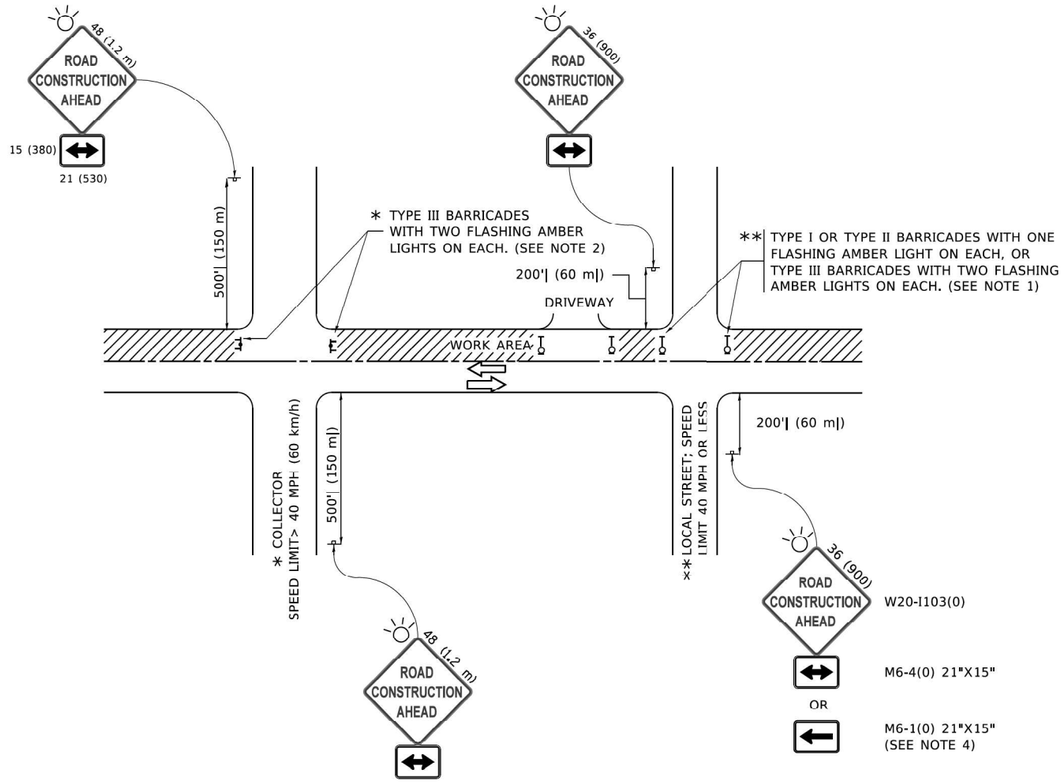
Primera

USER NAME = rileywhite	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - RW	REVISED -	
	CHECKED - YK	REVISED -	
PLOT DATE = 4/12/2025	DATE - 04/11/2025	REVISED -	

TEMPORARY AERIAL CABLE INSTALLATION

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	167
	BE-801	CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Detail-5 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera
100 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60604 P:312-588-0570 F:312-588-0575

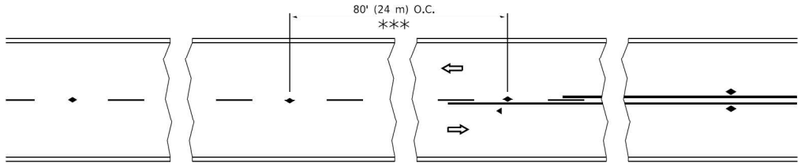
USER NAME = mmathews	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: | SHEET 5 OF 10 SHEETS | STA. | TO STA.

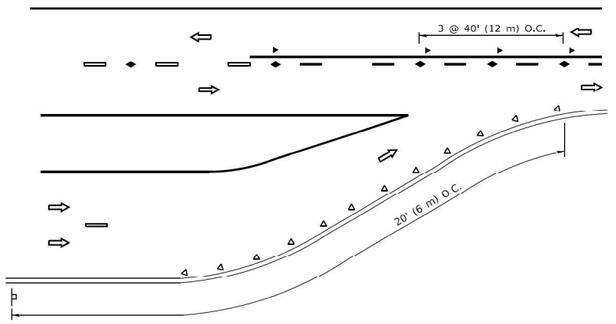
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	168
	TC-10	CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



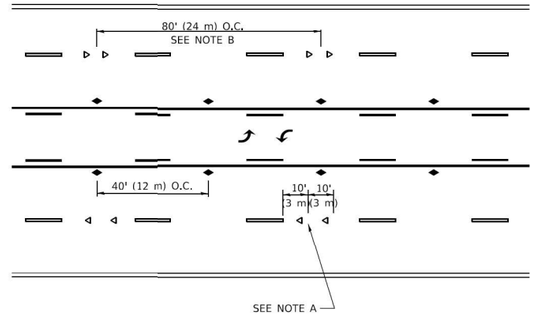
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

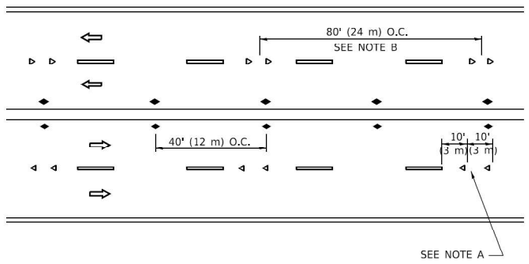
SEE FIGURE 3B-14 MUTCD



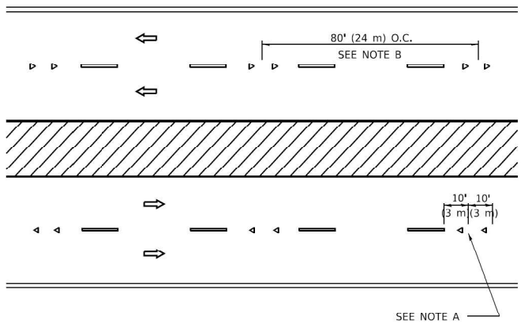
LANE REDUCTION TRANSITION



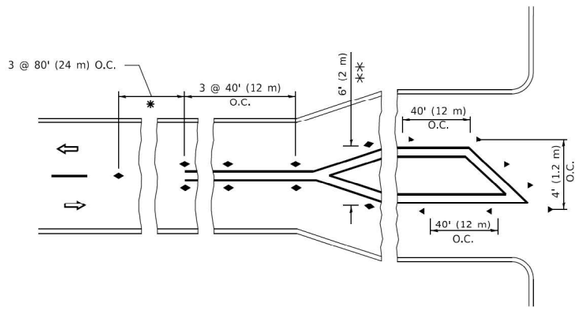
TWO–WAY LEFT TURN

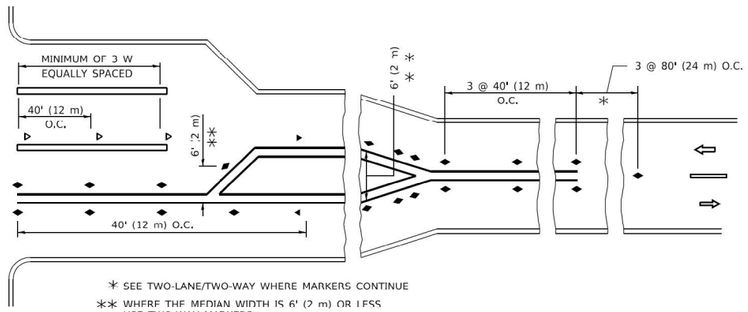


MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL 3E CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Detail-6 [Sheet]
FILE NAME: c:\pwworking\prtmera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera
FOR TY JACKSON BLVD SUITE 500 CHICAGO IL 60604 P:312-588-0510 F:312-588-0515

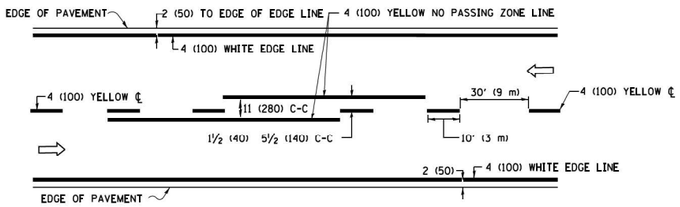
USER NAME = mmathews	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

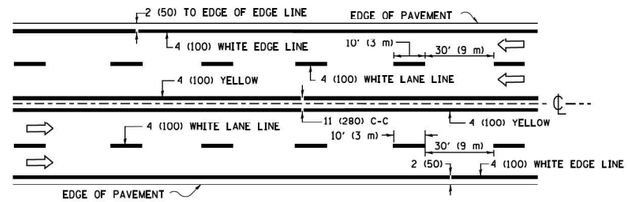
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: | SHEET 6 OF 10 SHEETS | STA. | TO STA.

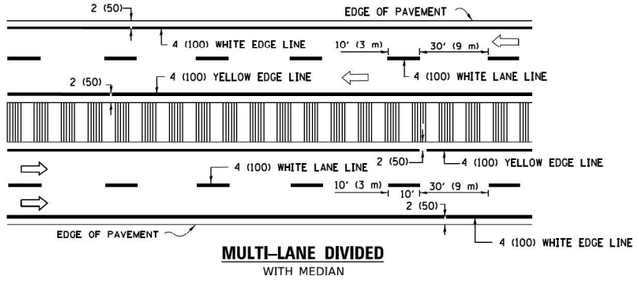
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	169
	TC-11	CONTRACT NO. 62P01		
		ILLINOIS FED. AID PROJECT		



2–LANE ROADWAY

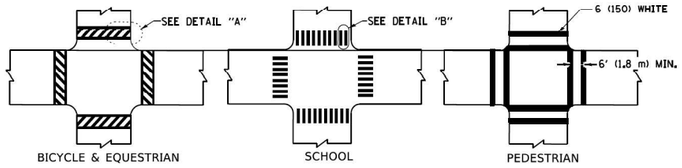


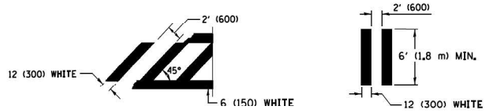
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

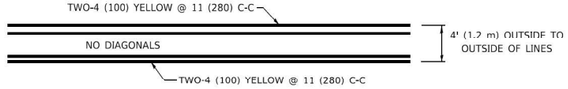




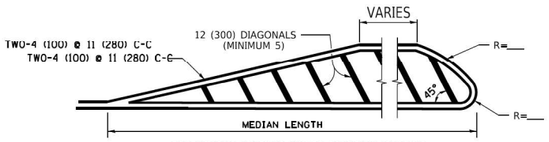
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✱ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



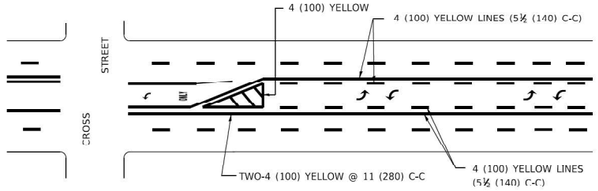
4' (1.2 m) WIDE MEDIANS ONLY



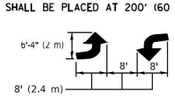
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

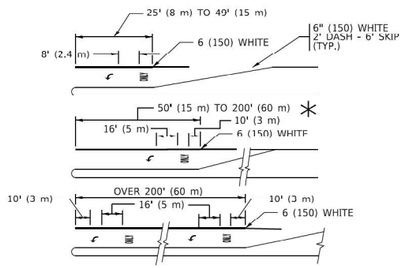


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

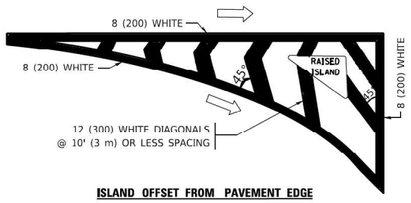


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

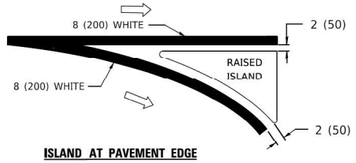
✱ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

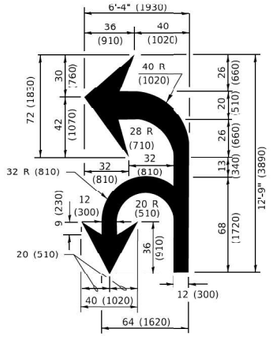


ISLAND OFFSET FROM PAVEMENT EDGE

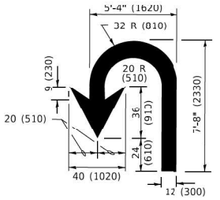


ISLAND AT PAVEMENT EDGE

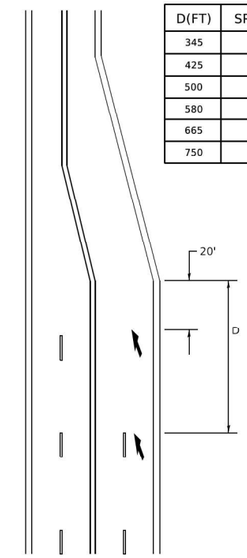
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

✱ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Detail-7 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\d1ms56077\D162P01-sht-District-Details.dgn

Primera
200 W. JACKSON BLVD. SUITE 500 CHICAGO IL 60606 P:312-588-0510 F:312-588-0515

USER NAME = mmathews	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	170
	TC-13	CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

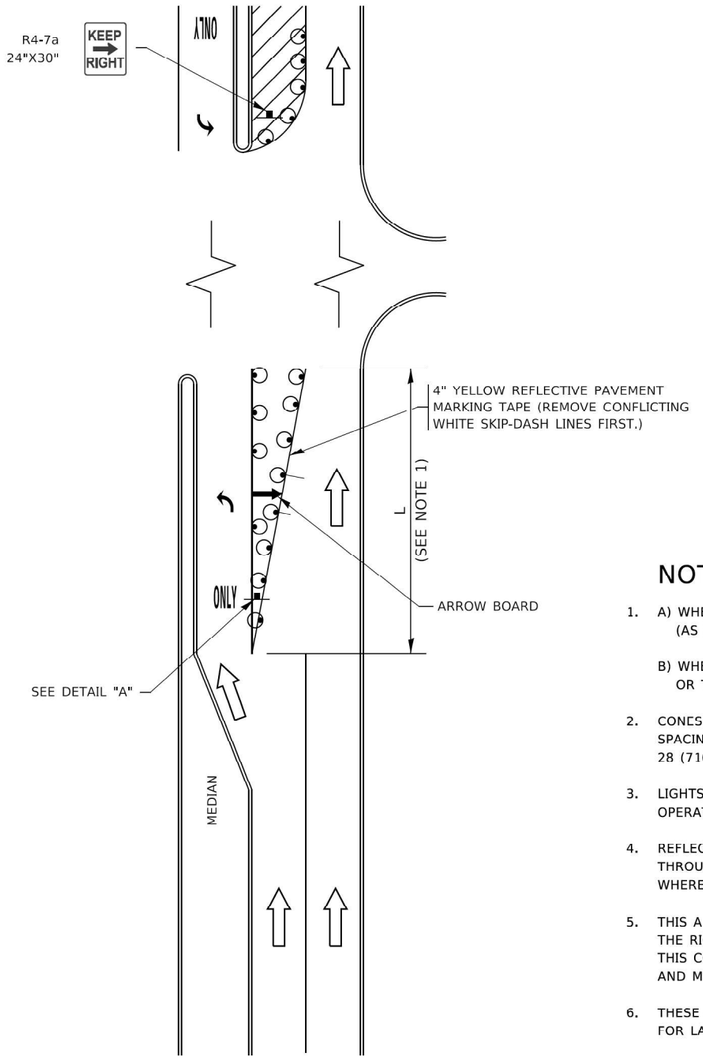


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

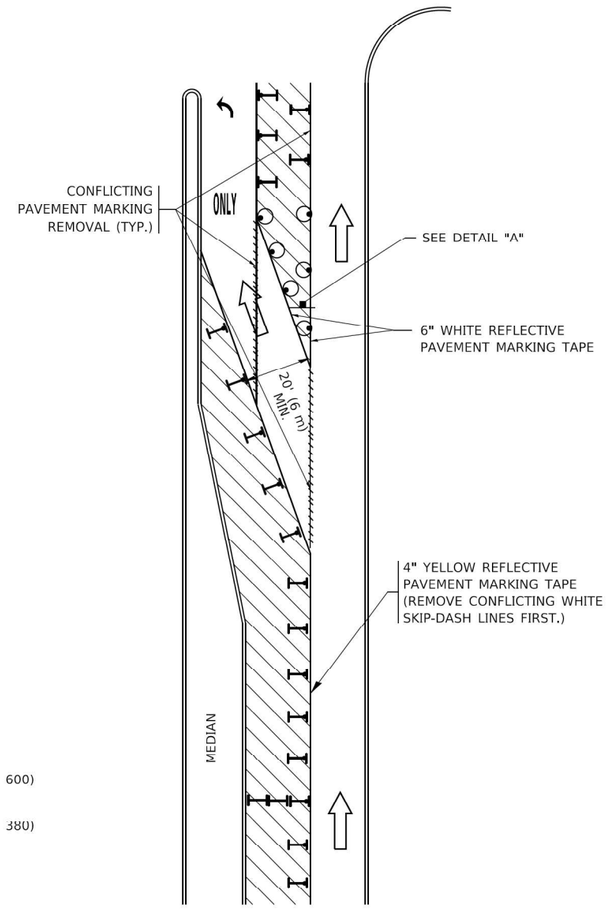
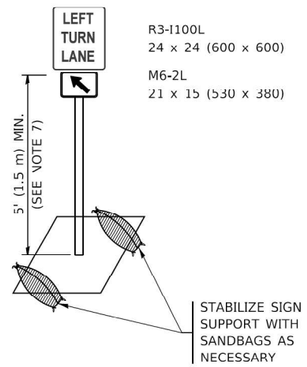


FIGURE 2



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Detail-8 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera
200 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60606 P:312-566-0570 F:312-566-0571

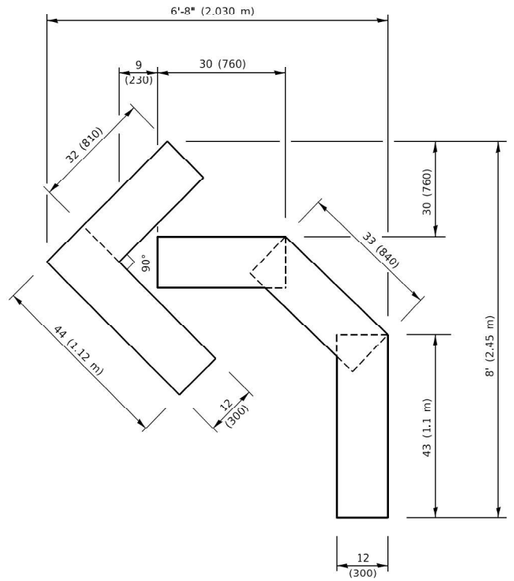
USER NAME = mmathews	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

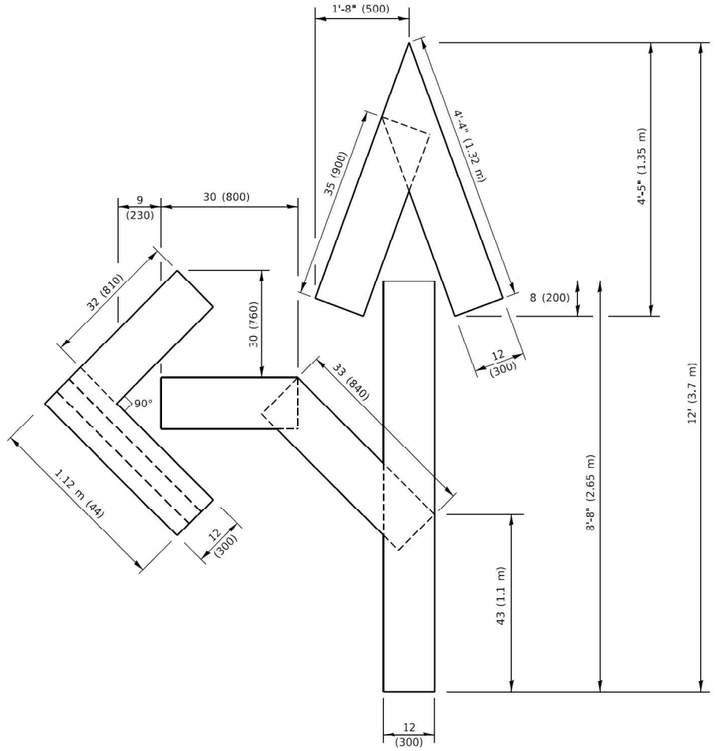
SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	171
	TC-14	CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			



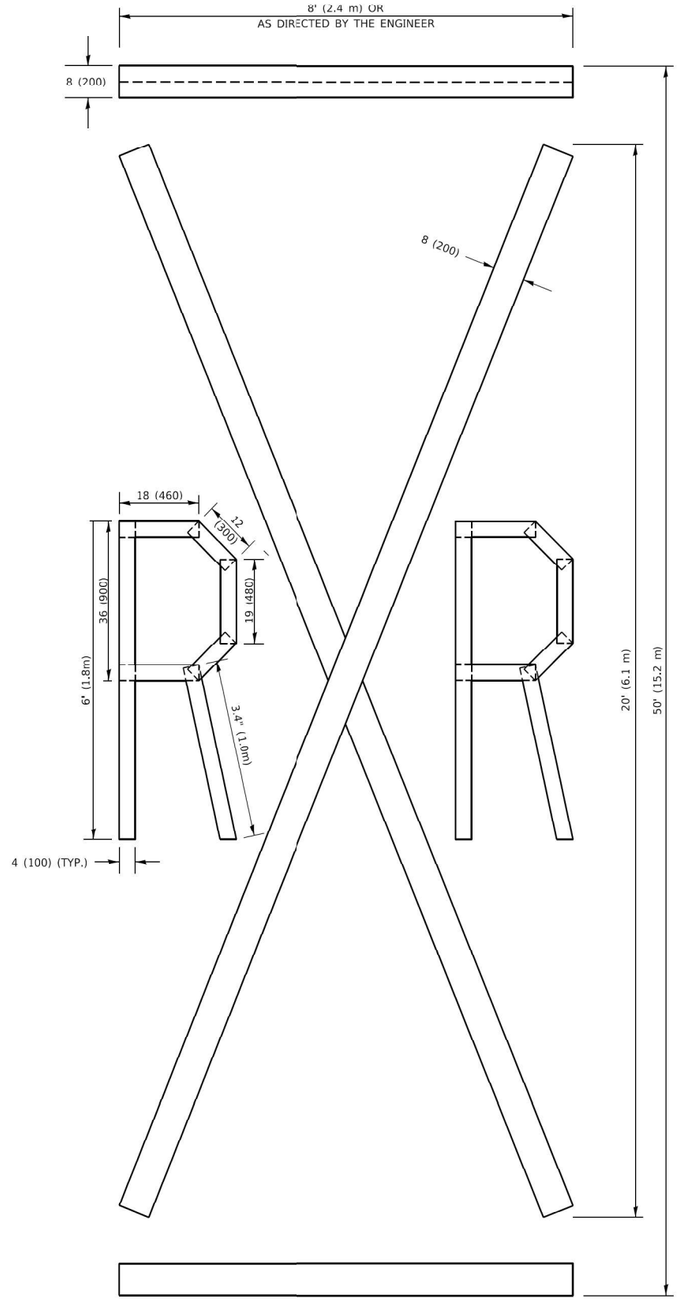
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



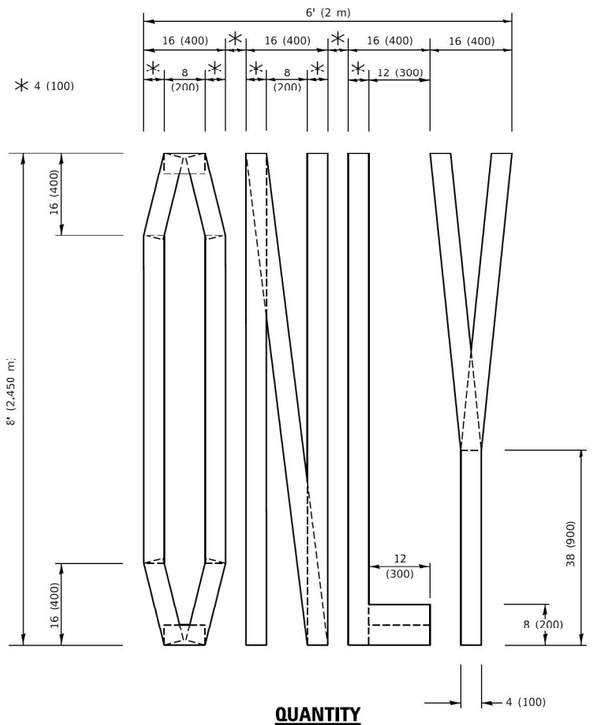
QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Detail-9 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera

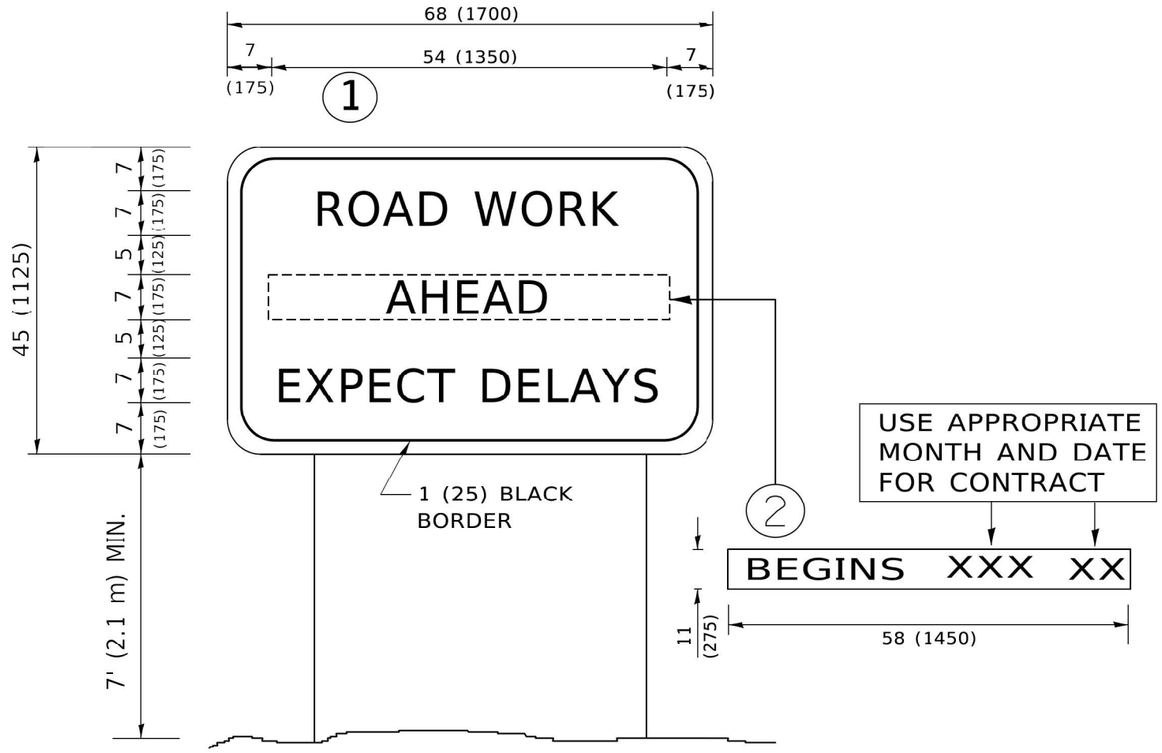
USER NAME = mmathews	DESIGNED - AIM	REVISED -	
	DRAWN - JVE	REVISED -	
	CHECKED - CPB	REVISED -	
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	172
	TC-16	CONTRACT NO. 62P01		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Detail-10 [Sheet]
FILE NAME: c:\pwworking\primera\pwprod\mmathews\dms56077\D162P01-sht-District-Details.dgn

Primera
200 W. JACKSON BLVD. SUITE 500 . CHICAGO IL 60606 P:312-588-0510 F:312-588-0515

USER NAME = mmathews	DESIGNED - AIM	REVISED -
	DRAWN - JVE	REVISED -
	CHECKED - CPB	REVISED -
PLOT DATE = 11/3/2025	DATE - 11/05/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	2021-064-CR	WILL	173	173
	TC-22	CONTRACT NO. 62P01		
	ILLINOIS FED. AID PROJECT			