

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 80B21	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED WITHIN:
VILLAGE OF SCHAUMBURG

TRAFFIC DATA: ILL 72

2023 ADT - 35,455 VPD
POSTED SPEED LIMIT - 45 MPH

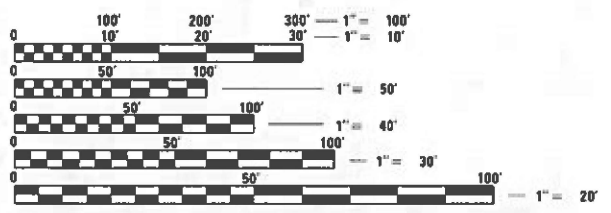
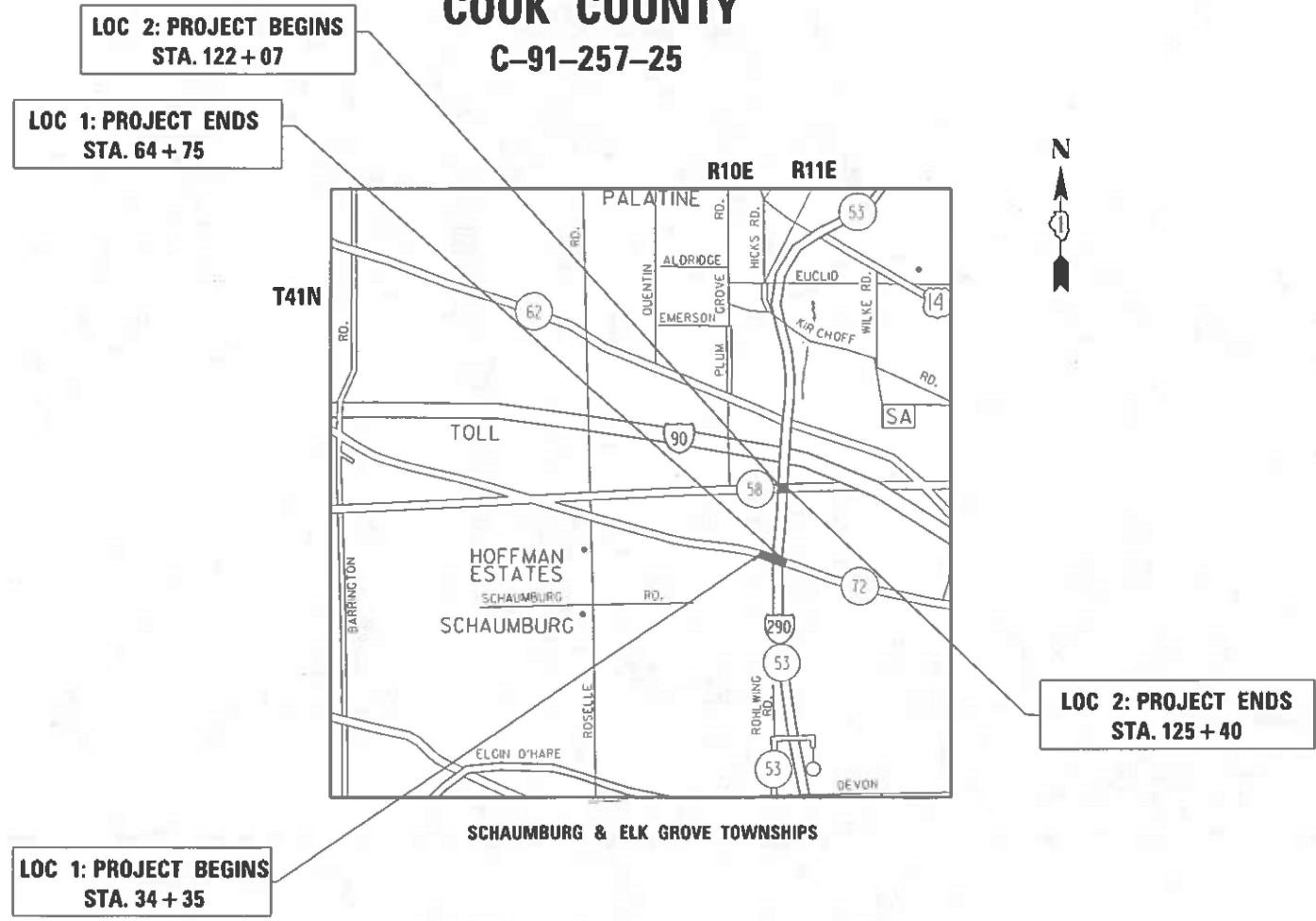
TRAFFIC DATA: ILL 58

2023 ADT - 32,800 VPD
POSTED SPEED LIMIT - 45 MPH

**PROPOSED
HIGHWAY PLANS**

**LOCATION 1: ROUTE F.A.P. 341: ILL 72 (HIGGINS ROAD)
N MEACHAM ROAD TO I-290 RAMPS (NB)
SMART OVERLAY & ADA IMPROVEMENTS**

**LOCATION 2: ROUTE F.A.P. 341: ILL 58 (GOLF ROAD) AT I-290
PAVEMENT REPLACEMENT
SECTION: 2025-2000-RS
PROJECT: NHPP-NXAU(209)
COOK COUNTY
C-91-257-25**



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

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

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 80B21

LOCATION 1: GROSS & NET LENGTH = 3,040 FT = 0.58 MI.
LOCATION 2: GROSS & NET LENGTH = 333 FT = 0.06 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 26 2026 IR
Jared R. [Signature] REGIONAL ENGINEER

March 20 20 26
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 20 20 26
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

LIST OF STATE STANDARDS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
4-8	SUMMARY OF QUANTITIES
9-11	LOCATION 1 (ILL 72): EXISTING & PROPOSED TYPICAL SECTIONS
12	LOCATION 1 (ILL 72): ALIGNMENT, TIES AND BENCHMARKS
13-26	LOCATION 1 (ILL 72): SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
27-28	LOCATION 1 (ILL 72): ROADWAY PLAN & PROFILE
29	LOCATION 1 (ILL 72): DRAINAGE IMPROVEMENT PLAN
30-31	LOCATION 1 (ILL 72): ROADWAY & PAVEMENT MARKINGS PLANS
32-34	LOCATION 1 (ILL 72): TRAFFIC SIGNAL IMPROVEMENT PLANS (DETECTOR LOOPS)
35	LOCATION 2 (ILL 58): EXISTING & PROPOSED TYPICAL SECTIONS
36	LOCATION 2 (ILL 58): ALIGNMENT, TIES AND BENCHMARKS
37-47	LOCATION 2 (ILL 58): SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
48	LOCATION 2 (ILL 58): REMOVAL PLAN
49-50	LOCATION 2 (ILL 58): PLAN & PROFILE
51	LOCATION 2 (ILL 58): DRAINAGE PLAN & PROFILE
52	BD-7: STORM SEWER CONNECTION TO EXISTING SEWER
53	BD-8: DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
54	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
55	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
56	BD-32: BUTT JOINT AND HMA TAPER DETAILS
57	BD-33: HMA TAPER AT EDGE OF P.C.C. PAVEMENT
58	BD-53: DETAIL OF VARIOUS TYPES OF LANE REDUCTION FOR PCC PAVEMENT
59	TC-08: ENTRANCE AND EXIT RAMP CLOSURE DETAILS
60	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
61	TC-11: TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
62	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS
63	TC-14: TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
64	TC-16: SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
65	TC-17 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
66	TC-22: ARTERIAL ROAD INFORMATION SIGN
67	TC-26: DRIVEWAY ENTRANCE SIGNING
68-74	TS-05: STANDARD TRAFFIC SIGNAL DESIGN DETAILS
75	TS-07: DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
76-79	LOCATION 1 (ILL 72): CROSS SECTIONS
80-84	LOCATION 2 (ILL 58): CROSS SECTIONS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420106-07	36' JOINTED PCC PAVEMENT
442201-04	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASINS, TYPE A
602011-02	CATCH BASINS, TYPE C
602301-04	INLET, TYPE A
602402-03	PRECAST MANHOLE, TYPE A, 5' DIAMETER
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATES, TYPE 24
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-13	STEEL PLATE BEAM GUARDRAIL
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw://idot-pw.bentley.com/IDOT/Projects/District 1/DRD Projects/D118425/Drawings/CADsheets/D118425-shr-cover.dgn	PLotted	CHECKED -	REVISED -			34I	2025-2000-RS	COOK	84	2	
	PLLOT SCALE = 100.000' / in.	DATE -	REVISED -			CONTRACT NO. 80B21					
	PLLOT DATE = 3/11/2026	DATE -	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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 HOUR NOTIFICATION IS REQUIRED).
- 2) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF SCHAUMBURG.
- 3) THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4) DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 5) TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- 6) ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 7) BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 8) THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, BRANDY KENNEDY AT BRANDY.KENNEDY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9) PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 10) ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 12) THE CONTRACTOR SHALL CONTACT KALPANA KANNAH-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 13) 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.
- 14) ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- 15) THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY OR ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 16) ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 17) 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 SO THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 18) DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

GENERAL NOTES - CONTINUED

- 19) LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 20) DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 21) TEMPORARY OR SHORT-TERM PAVEMENT MARKINGS USED FOR THE RESURFACING PORTION OF THE PROJECT SHALL NOT BE REMOVED ON INTERMEDIATE SURFACES, UNLESS DIRECTED BY THE ENGINEER.
- 22) 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.
- 23) ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR 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.
- 24) THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR1.

GEOTECHNICAL NOTES

- 25) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS 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 STANDARD SPECIFICATIONS 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.
- 26) THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 27) ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 28) BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- 29) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.
- 30) THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT DURING THE CONSTRUCTION OF THIS PROJECT.

FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw://idot-pw.bentley.com/PWIDOT/Documents/IDOT Offices/District 1/DRD Projects/D118425/Drawings/CADsheets/D118425-shr-cover.dgn	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -			341	2025-2000-RS	COOK	84	3
PLOT DATE = 3/9/2026	DATE -	REVISED -				CONTRACT NO. 80B21				
						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE
20200100	EARTH EXCAVATION	CU YD	2886	1950		936	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	588	327		261	
20800150	TRENCH BACKFILL	CU YD	744			744	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	1765	981		784	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	75	75			
21400100	GRADING AND SHAPING DITCHES	FOOT	1450	1450			
25200110	SODDING, SALT TOLERANT	SO YD	100	100			
25200200	SUPPLEMENTAL WATERING	UNIT	4	4			
28000510	INLET FILTERS	EACH	7			7	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2098	1837		261	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	755			755	
35600701	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/4"	SO YD	740	740			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8756	8756			

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40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	18885	18745		140	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	12470	12160		310	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	62	62			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	390	310		80	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	251	251			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	4123	4085		38	
42001300	PROTECTIVE COAT	SO YD	3447	182		3265	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	2115			2115	
44000100	PAVEMENT REMOVAL	SO YD	6564	3853		2711	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	40907	40907			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	259			259	
44000500	COMBINATION CURB AND GUTTER REMOVAL	SO FT	1383			1383	
44000600	SIDEWALK REMOVAL	SO FT	2115			2115	
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	1232	1232			* SPECIALTY ITEM
							# NON PARTICIPATING ITEM

FILE NAME =	USER NAME = yoseen.ghesh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11dd-pw.bentley.com\PWIDOT\Documents\100T_01\cas\District 1\ORD Projects\DIR425\CADdata\CADsheets\CDR\INM-cover.dgn	PLOT SCALE = 100.335' / 1"	CHECKED -	REVISED -			341	2025-2000-RS	COOK	84	4	
	PLOT DATE = 1/27/2026	DATE -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
								CONTRACT NO. 80B21			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE
44003100	MEDIAN REMOVAL	SO FT	1700	1700			
44004250	PAVED SHOULDER REMOVAL	SO YD	740	740			
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	20	20			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	650	650			
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	233	200		33	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	250	250			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	25	25			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	586		586		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	9		9		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	299		299		
55100500	STORM SEWER REMOVAL 12"	FOOT	478		478		
55101600	STORM SEWER REMOVAL 36"	FOOT	299		299		
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	595		595		
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3		3		
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	5		5		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		2		

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60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	4	4			
60404950	FRAMES AND GRATES, TYPE 24	EACH	1	1			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1			
60500040	REMOVING MANHOLES	EACH	1		1		
60500050	REMOVING CATCH BASINS	EACH	1		1		
60500060	REMOVING INLETS	EACH	7		7		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	4679		4679		
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SO FT	500	500			
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SO FT	2600	2600			* SPECIALTY ITEM
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	500	500			# NON PARTICIPATING ITEM
# 60920021	PIPE CULVERTS TO BE CLEANED 21"	FOOT	200			200	
# 60920036	PIPE CULVERTS TO BE CLEANED 36"	FOOT	70			70	

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* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	475	475					
* 63100167	TRAFFIC BARRIER TERMIAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2					
63200310	GUARDRAIL REMOVAL	FOOT	475	475					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1159	1109		50			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	3		1			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5		0.5			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5		0.5			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	27	15		12			
67100100	MOBILIZATION	L SUM	1	0.7		0.3			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5		0.5			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5		0.5			

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	27	15		12			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	252	126		126			
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5		0.5			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4094	3761		333			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1129	1038		91			
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1092	1092					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	12457	12457					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	4367	4367					
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	150	150					
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1600	1600					
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	465	465					
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	73	73					
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	1656	1656					
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	755	755					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE			
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" -	FOOT	3282	3115		167				* 78009000	MODIFIED URETHANE PAVEMENT MARKING -	SQ FT	73	73						
	TYPE IV TAPE										LETTERS AND SYMBOLS									
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" -	FOOT	69			69				* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1947	1656		291				
	TYPE IV TAPE									* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	824	755		69				
										* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	643	335		308				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	9			9				* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	326	310		16				
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	326	310		16				
72900100	METAL POST - TYPE A	FOOT	13			13				81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	59		59					
* 78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	1092	1092						81400200	HEAVY-DUTY HANDHOLE	EACH	1		1					
	LETTERS AND SYMBOLS									85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12506	12457		49				87900200	DRILL EXISTING HANDHOLE	EACH	1		1					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4367	4367						88600100	DETECTOR LOOP, TYPE 1	FOOT	1991		1991					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	150	150						89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	83		83					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1600	1600						89502380	REMOVE EXISTING HANDHOLE	EACH	1		1					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	502	465		37				X0326806	WASHOUT BASIN	L SUM	1	0.5		0.5				
78004635	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D -	FOOT	643	335		308				X2020110	GRADING AND SHAPING SHOULDERS	UNIT	7	7						* SPECIALTY ITEM
	STANDARD - LINE 7"																			# NON PARTICIPATING ITEM

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		IL 72 0005 ROADWAY 80% FED /20% STATE	IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE
X4200110	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	2711			2711	
X4201097	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 14" (JOINTED)	SO YD	4596	4596			
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	100	100			
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	160	160			
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	4679		4679		
X4421768	CLASS D PATCHES, TYPE IV, 10 INCH (SPECIAL)	SO YD	93		93		
# X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	200			200	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	2	2			
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	689		689		
# X6061462	CLEANING PAVED DITCH	FOOT	600			600	
X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	693		693		
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	11	1		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5		
X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1	1			
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	848	848			

SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	IL 72 0005 ROADWAY 80% FED /20% STATE		IL 72 0021 80% FED /20% STATE	IL 58 0005 ROADWAY 80% FED /20% STATE	IL 58 & IL 72 ROADWAY 100% STATE	
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	9	2		7		
Z0007122	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	297		297			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5			
# Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	15			15		
X7200061	TEMPORARY INFORMATION SIGNING	SO FT	144.8	102.8	42			
Ø Z0076600	TRAINEES	HOUR	500	500				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500				

FILE NAME =	USER NAME = yoseen.ureeth	DESIGNED -	REVISED -
p:\1\1dot-pw.bentley.com\PI\DOT Documents\1\DOT	Projects\DIIB425\CAD\Drawings\CADsheets\COVER.dgn	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

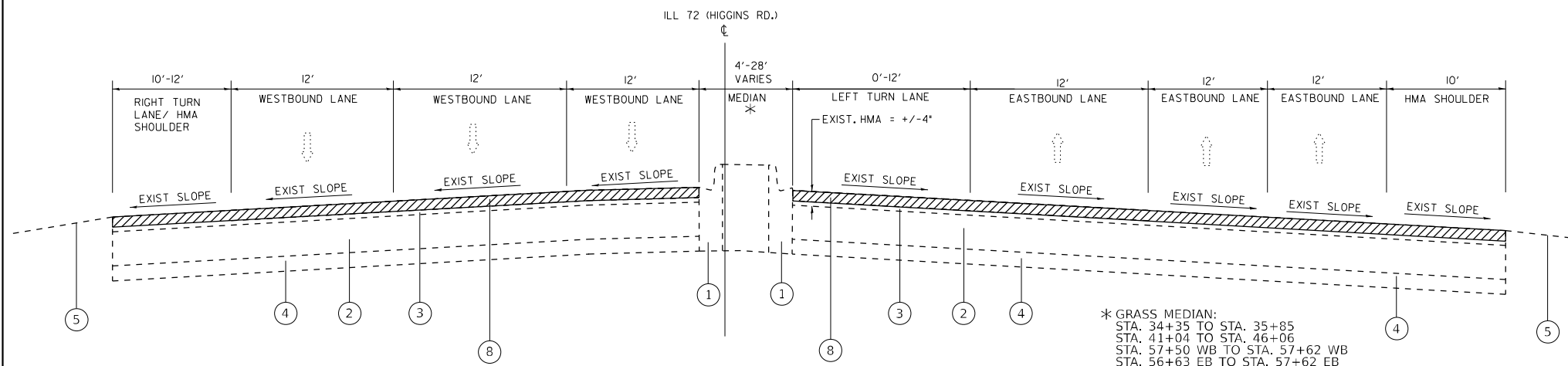
**ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB)
SUMMARY OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	8
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

* SPECIALTY ITEM
NON PARTICIPATING ITEM
Ø 0042

LEGEND

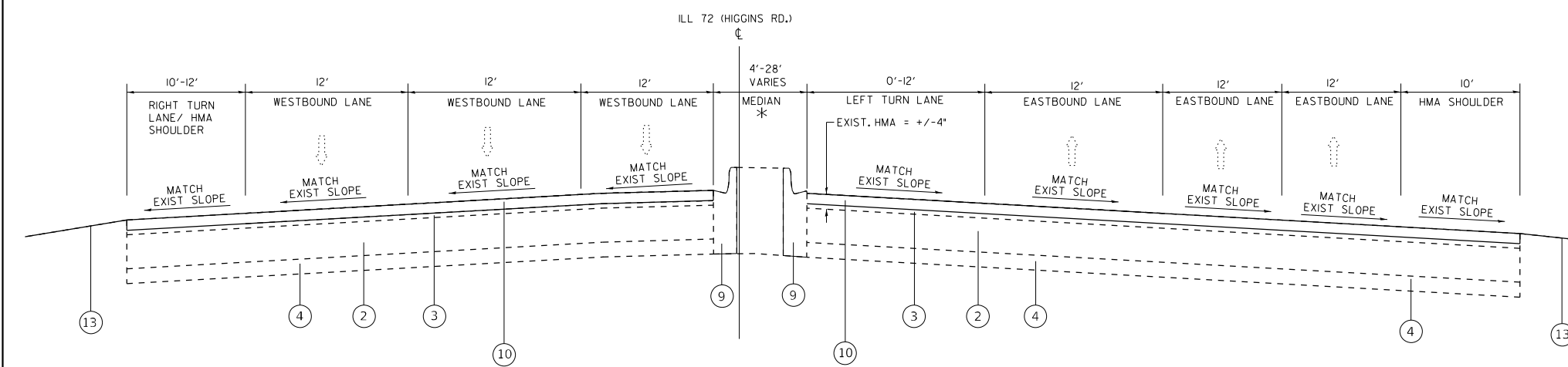
1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING SUB-BASE | 4"
5. EXISTING GRASS DITCH
6. EXISTING HMA SHOULDER
7. EXISTING AGGREGATE SHOULDER
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
10. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
11. PROPOSED PAVEMENT REMOVAL
12. PROPOSED HIGH-EARLY-STRENGTH PCC PAVEMENT 14' (JOINTED)
13. PROPOSED GRADING AND SHAPING DITCHES
14. PROPOSED PAVED SHOULDER REMOVAL
15. PROPOSED GRADING AND SHAPING SHOULDERS
16. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
17. PROPOSED MEDIAN REMOVAL
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.06



EXISTING TYPICAL SECTION
ILL 72 (HIGGINS RD.)
STA. 34+35 TO STA. 48+43
STA. 57+50 WB TO STA. 60+76 WB
STA. 56+63 EB TO STA. 61+98 EB

* GRASS MEDIAN:
STA. 34+35 TO STA. 35+85
STA. 41+04 TO STA. 46+06
STA. 57+50 WB TO STA. 57+62 WB
STA. 56+63 EB TO STA. 57+62 EB

CONCRETE MEDIAN:
STA. 35+85 TO STA. 41+04
STA. 46+06 TO STA. 48+43
STA. 57+62 WB TO STA. 60+76 WB
STA. 57+62 EB TO STA. 61+98 EB



PROPOSED TYPICAL SECTION
ILL 72 (HIGGINS RD.)
STA. 34+35 TO STA. 48+43
STA. 57+50 WB TO STA. 60+76 WB
STA. 56+63 EB TO STA. 61+98 EB

NOTES:

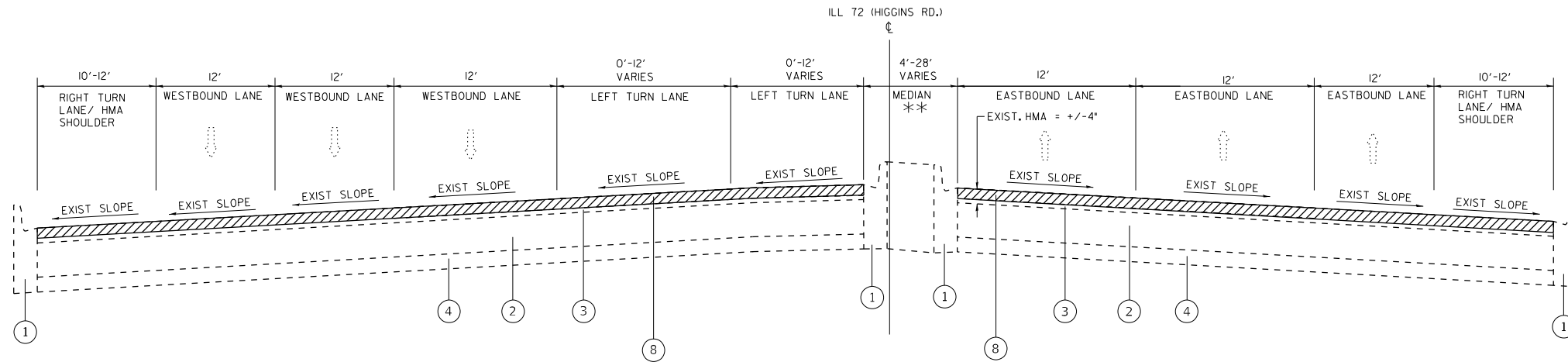
1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
2. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT RESURFACING		
POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4" & 2"	3.5% @ 80 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
CLASS D PATCHING (SPECIAL)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, TOP 2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.
 NOTE 3: WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDER.

LEGEND

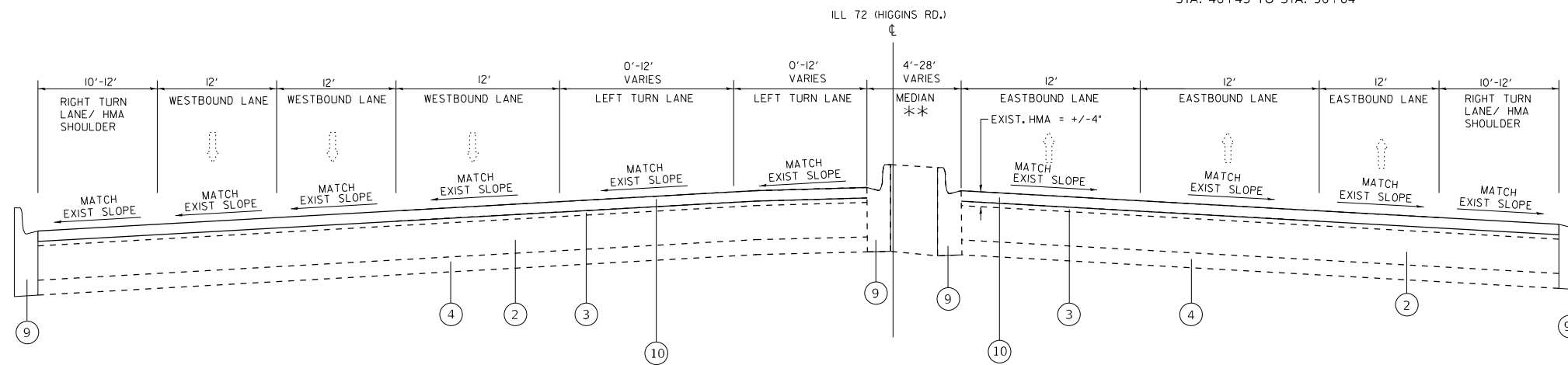
1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING P.C. CONCRETE PAVEMENT | 10"
3. EXISTING HMA SURFACE COURSE | 4" (BEFORE MILLING)
4. EXISTING SUB-BASE | 4"
5. EXISTING GRASS DITCH
6. EXISTING HMA SHOULDER
7. EXISTING AGGREGATE SHOULDER
8. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD)
10. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
11. PROPOSED PAVEMENT REMOVAL
12. PROPOSED HIGH-EARLY-STRENGTH PCC PAVEMENT 14' (JOINTED)
13. PROPOSED GRADING AND SHAPING DITCHES
14. PROPOSED PAVED SHOULDER REMOVAL
15. PROPOSED GRADING AND SHAPING SHOULDERS
16. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
17. PROPOSED MEDIAN REMOVAL
18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.06



EXISTING TYPICAL SECTION
ILL 72 (HIGGINS RD.)
STA. 48+43 TO STA. 57+50 WB
STA. 48+43 TO STA. 56+63 EB

** GRASS MEDIAN:
STA. 50+64 TO STA. 57+50 WB
STA. 50+64 TO STA. 56+63 EB

CONCRETE MEDIAN:
STA. 48+43 TO STA. 50+64

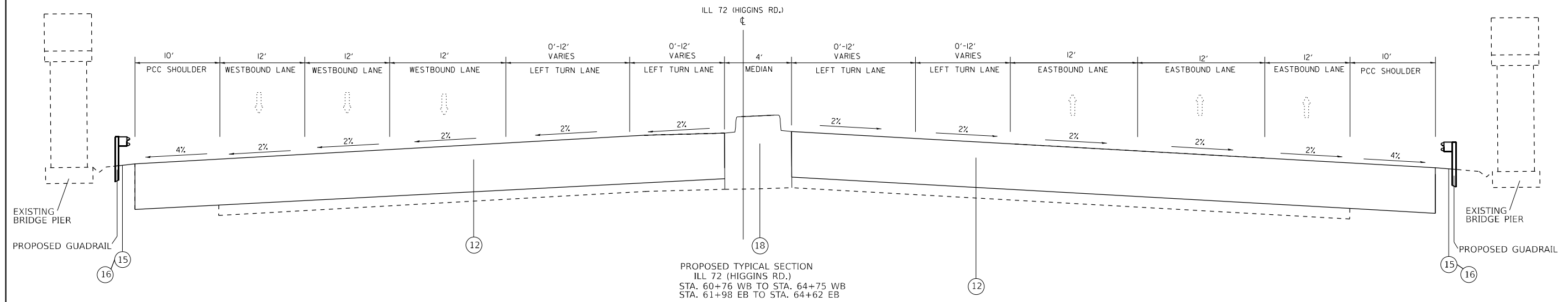
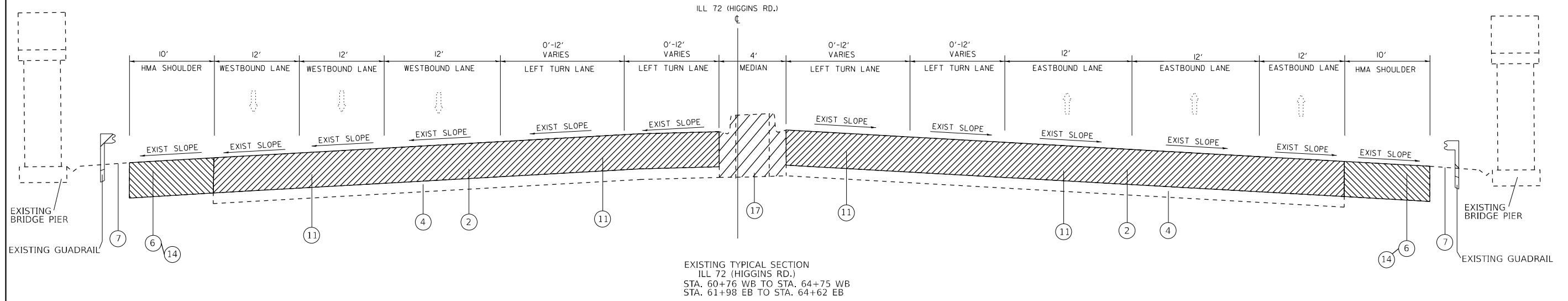


PROPOSED TYPICAL SECTION
ILL 72 (HIGGINS RD.)
STA. 48+43 TO STA. 57+50 WB
STA. 48+43 TO STA. 56+63 EB

FILE NAME = p:\11dot-pw.bentley.com\PI\DOT\Documents	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) TYPICAL SECTIONS	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PI\DOT\Documents\118425	PI\DOT\Documents\118425	PI\DOT\Documents\118425			34I	2025-2000-R5	COOK	84	10
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -			CONTRACT NO. 80B2I				
	PLOT DATE = 2/27/2026	DATE -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

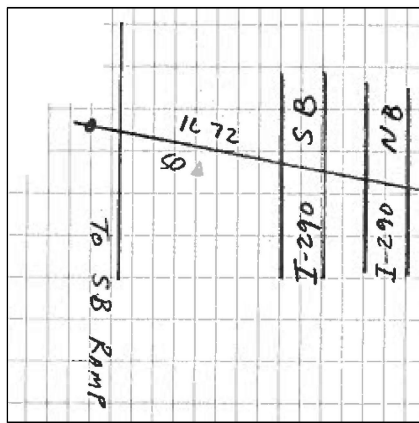
- | | |
|--|---|
| 1. EXISTING COMBINATION CONCRETE CURB AND GUTTER | 11. PROPOSED PAVEMENT REMOVAL |
| 2. EXISTING P.C. CONCRETE PAVEMENT 10" | 12. PROPOSED HIGH-EARLY-STRENGTH PCC PAVEMENT 14' (JOINTED) |
| 3. EXISTING HMA SURFACE COURSE 4" (BEFORE MILLING) | 13. PROPOSED GRADING AND SHAPING DITCHES |
| 4. EXISTING SUB-BASE 4" | 14. PROPOSED PAVED SHOULDER REMOVAL |
| 5. EXISTING GRASS DITCH | 15. PROPOSED GRADING AND SHAPING SHOULDERS |
| 6. EXISTING HMA SHOULDER | 16. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| 7. EXISTING AGGREGATE SHOULDER | 17. PROPOSED MEDIAN REMOVAL |
| 8. PROPOSED HMA SURFACE REMOVAL, 1 3/4" | 18. PROPOSED CONCRETE MEDIAN, TYPE SB-6.06 |
| 9. PROPOSED COMBINATION CONCRETE CURB AND GUTTER (LOCATIONS TO BE DETERMINED BY THE RE IN THE FIELD) | |
| 10. PROPOSED POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" | |



FILE NAME =	USER NAME = yaseen.queeshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 80B2I				
PLOT DATE = 2/27/2026	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		

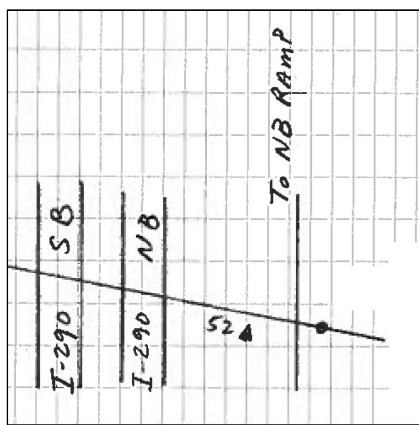


ROUTE	POINT	NORTHING	EASTING	STATION
IL. 72 (HIGGINS RD.)	POT	1956300.666	1065919.81	57+66.61 R1
	POT	1956023.976	1066855.283	67+42.14 R1



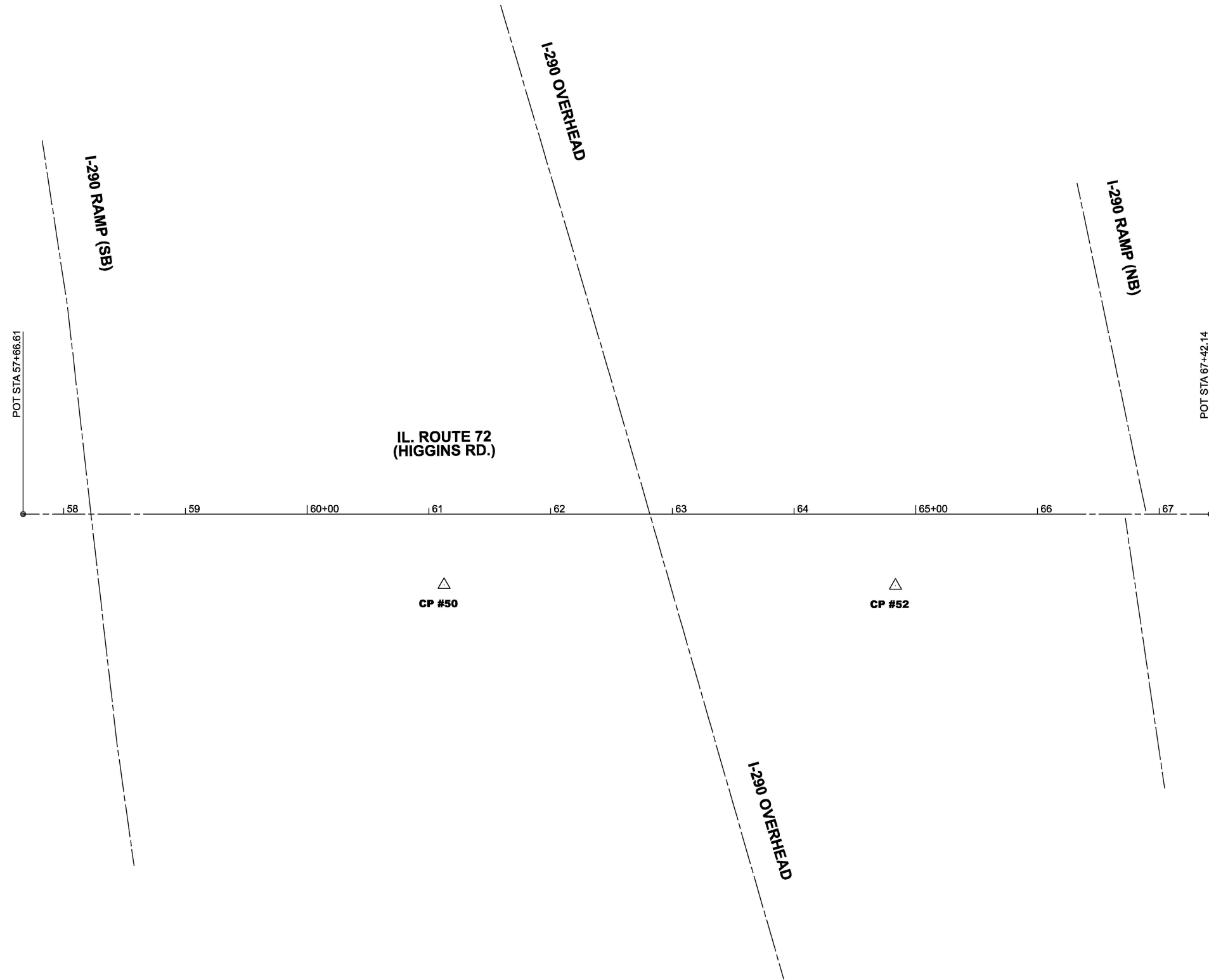
CONTROL POINT #50

STA. 61+12.5
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 E= 1066234.971
 ELEV.= 720.464



CONTROL POINT #52

STA. 64+83.1
 N= 1956041.117
 E= 1066590.255
 ELEV.= 717.131



MODEL: HIGGINS RD - ATB - 1 [Sheet]
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USER NAME = Gleanelli,Acaylar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB)
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 97+00.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	12
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

STAGE CONSTRUCTION GENERAL NOTES

- ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE INTERSECTIONS NOTED IN THE PLANS. TEMPORARY INTERSECTION SIGNALIZATION SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. THE TRAFFIC CONTROL STANDARDS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.
- TAPER LENGTH FOR TRAFFIC CONTROL DEVICES IS DEFINED BY:

$$L = \frac{WS}{60}$$

THE TAPER IS DEFINED AS FOLLOWS:

L = TAPER LENGTH IN FEET
 W = WIDTH OF OFFSET IN FEET
 S = POSTED SPEED IN MPH
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.
- THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
- THE CONTRACTOR WILL GIVE THE ENGINEER AT LEAST 10 DAYS NOTICE PRIOR TO ANY TRAFFIC STAGING CHANGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING OR REMOVING ANY EXISTING ROADWAY SIGNAGE THAT CONFLICTS WITH THE STAGED TRAFFIC PATTERN. TEMPORARY TRAFFIC CONTROL BARRIERS AND SIGNAGE SHALL BE IN PLACE PRIOR TO TRAFFIC STAGING.
- PEDESTRIAN AND BICYCLE ACCESS MUST BE MAINTAINED ON ALL EXISTING FACILITIES AND ON NEW FACILITIES AS THEY BECOME AVAILABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC.
- ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.
- A MONO-DIRECTIONAL FLASHING AMBER BEACON SHALL BE MOUNTED TO THE FIRST TWO WARNING SIGNS ON EACH APPROACH DURING HOURS OF DARKNESS.
- STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED FOR UNSIGNALIZED SIDE STREETS AND DRIVEWAYS THROUGHOUT ALL CONSTRUCTION STAGES.
- ALL EXISTING TRAFFIC GUIDE SIGNS (I.E. STREET NAME SIGNS, ADVANCED STREET NAME SIGNS, ETC.) SHALL BE MAINTAINED AND VISIBLE TO TRAFFIC THROUGHOUT CONSTRUCTION.
- POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES TO THE SATISFACTION OF THE RESIDENT ENGINEER. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY INLETS, OUTLETS, AND CONNECTIONS FOR ALL EXISTING AND PROPOSED FACILITIES INCLUDING TEMPORARY PUMPING IF NECESSARY. TEMPORARY ACCOMMODATIONS SHALL BE MAINTAINED UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE AND THE FINAL SHAPING AND GRADING OF DITCHES IS PERFORMED. THE COST OF ALL LABOR, EQUIPMENT, AND MATERIALS (TEMPORARY OR PERMANENT USED AS TEMPORARY) TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR DIRECTLY, BUT THE COST SHALL BE CONSIDERED INCLUDED IN THE PROPOSED ITEMS OF WORK IN THE CONTRACT.
- THE CONTRACTOR SHALL NOTE LOCATIONS OF ALL PAVEMENT MARKINGS OUTSIDE OF THE PROJECT LIMITS FOR RESTORATION PURPOSES.
- THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS PRIOR NOTICE TO THE RESIDENT ENGINEER, VILLAGE OF SCHAMBURG EMERGENCY SERVICES, SCHOOLS, AND POST OFFICE PRIOR TO IMPLEMENTING LANE CLOSURES OR MAJOR TRAFFIC CONTROL CHANGES.
- THE CONTRACTOR SHALL REMOVE OR COVER ALL W21-1 (WORKERS PRESENT) AND W20-7 (FLAGGER) SIGNS, WITHIN AN HOUR, WHEN WORKERS ARE NOT PRESENT OR IF THE SIGN IS NOT APPLICABLE.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
- TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
- TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR.
- ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS AND ARROW (M6-121"x15") SIGNS TO BE PLACED ON ALL SIDESTREETS 200' PRIOR TO STOP SIGN LOCATION.
- RECONSTRUCTION OF THE PAVEMENT ON HIGGINS ROAD UNDER I-290 SHALL TAKE PLACE ON CONSECUTIVE WEEKEND CLOSURES. THESE WEEKEND CLOSURES MAY NOT BEGIN UNTIL AFTER 7:00PM FRIDAY EVENING. CLOSURES MUST BE COMPLETED AND LANES FULLY OPEN TO TRAFFIC BY 4:00PM SUNDAY. ALL ASSOCIATED SIGNAGE MUST BE REMOVED OR BAGGED AT THIS TIME.
- ALL TRAFFIC CONTROL TEMPORARY SIGNAGE MUST BE IN PLACE PRIOR TO MOVING INTO STAGE.
- CLOSURES EXCEEDING THE TIME FRAME WILL NOT BE ALLOWED UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY IDOT.
- THE ROADWAYS ARE TO BE CLEAN OF ANY DEBRIS PRIOR TO OPENING NEW LANES TO TRAFFIC.
- CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGE EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

CONSTRUCTION STAGING

HIGGINS ROAD

THE FOLLOWING IS THE CONSTRUCTION STAGING FOR HIGGINS ROAD. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST. NO SIMULTANEOUS WORK ON IL ROUTE 58 (GOLF ROAD) AND IL ROUTE 72 (HIGGINS ROAD) WILL BE ALLOWED. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.

RECONSTRUCTION OF THE PAVEMENT ON HIGGINS ROAD UNDER I-290 SHALL TAKE PLACE ON FIVE (5) CONSECUTIVE WEEKEND CLOSURES. THESE WEEKEND CLOSURES MAY NOT BEGIN UNTIL AFTER 7:00PM FRIDAY EVENING. CLOSURES MUST BE COMPLETED AND LANES FULLY OPEN TO TRAFFIC BY 7:00AM MONDAY. ALL ASSOCIATED SIGNAGE MUST BE REMOVED OR BAGGED AT THIS TIME. ENSURE TEMPORART PAVEMENT MARKINGS ARE INSTALLED PRIOR TO REOPENING ROADWAY.

STAGE 1: (2 WEEKENDS)

- PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
- PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF HIGGINS ROAD. CLOSE INSIDE TWO LANES AS SHOWN ON STAGING PLANS.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON WEST FRONTAGE ROAD. CLOSE THE EAST TURN LANE.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE
- REMOVE EXISTING PAVEMENT, MEDIAN SURFACE, AND CURB AND GUTTER ALONG HIGGINS ROAD.
- CONSTRUCT THE PROPOSED PAVEMENT, MEDIAN SURFACE, AND CURB AND GUTTER ALONG HIGGINS ROAD.

STAGE 2: (1 WEEKEND)

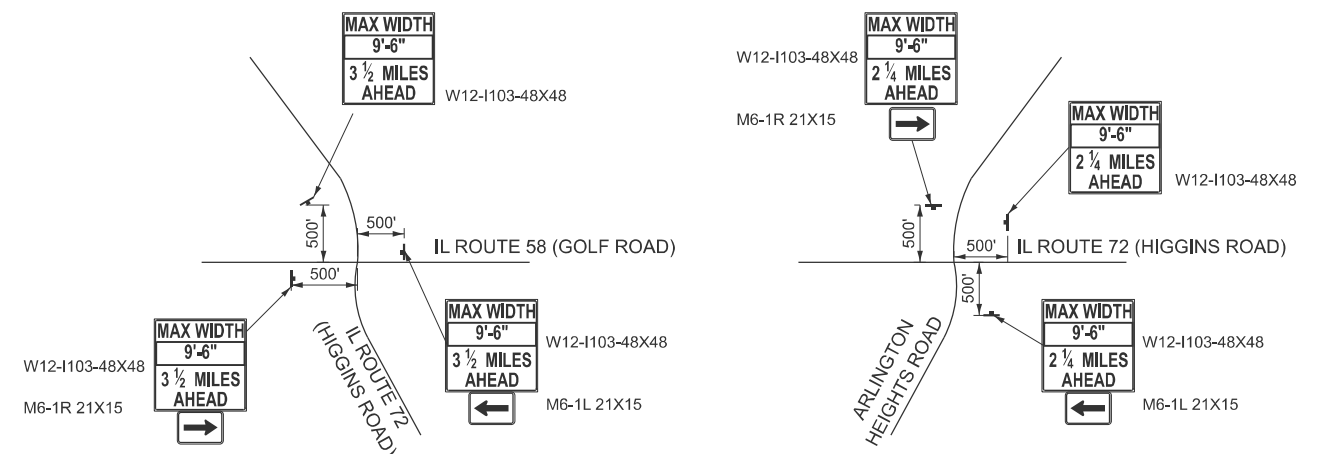
- PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
- PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF HIGGINS ROAD. CLOSE OUTSIDE TWO LANES AS SHOWN ON STAGING PLANS.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON WEST FRONTAGE ROAD. CLOSE THE EAST TURN LANE.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE
- REMOVE EXISTING PAVEMENT ALONG HIGGINS ROAD.
- CONSTRUCT THE PROPOSED PAVEMENT ALONG HIGGINS ROAD.

STAGE 3: (2 WEEKENDS)

- PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
- PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF HIGGINS ROAD. CLOSE OUTSIDE TWO LANES AS SHOWN ON STAGING PLANS.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON THE WEST FRONTAGE ROAD. CLOSE THE EAST TURN LANE.
- PROVIDE ONE 12' LEFT TURN LANE, TWO 12' THROUGH LANES, AND ONE 12' RIGHT TURN LANE ON THE EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE
- REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ALONG HIGGINS ROAD.
- CONSTRUCT THE PROPOSED PAVEMENT AND CURB AND GUTTER ALONG HIGGINS ROAD.

TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE PROVIDED FOR ALL STAGES OF CONSTRUCTION AT THE FOLLOWING SIGNALIZED INTERSECTIONS:

- IL ROUTE 72 AT I-290 (WEST RAMP)
- IL ROUTE 72 AT I-290 (EAST RAMP)
- IL ROUTE 72 AT MARTINGALE ROAD



ADVANCE MAX WIDTH RESTRICTION SIGNING

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		CHECKED -	GJE	REVISED -	
PLOT DATE =	3/10/2026	DATE -	03/13/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	13
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				




MODEL: Default
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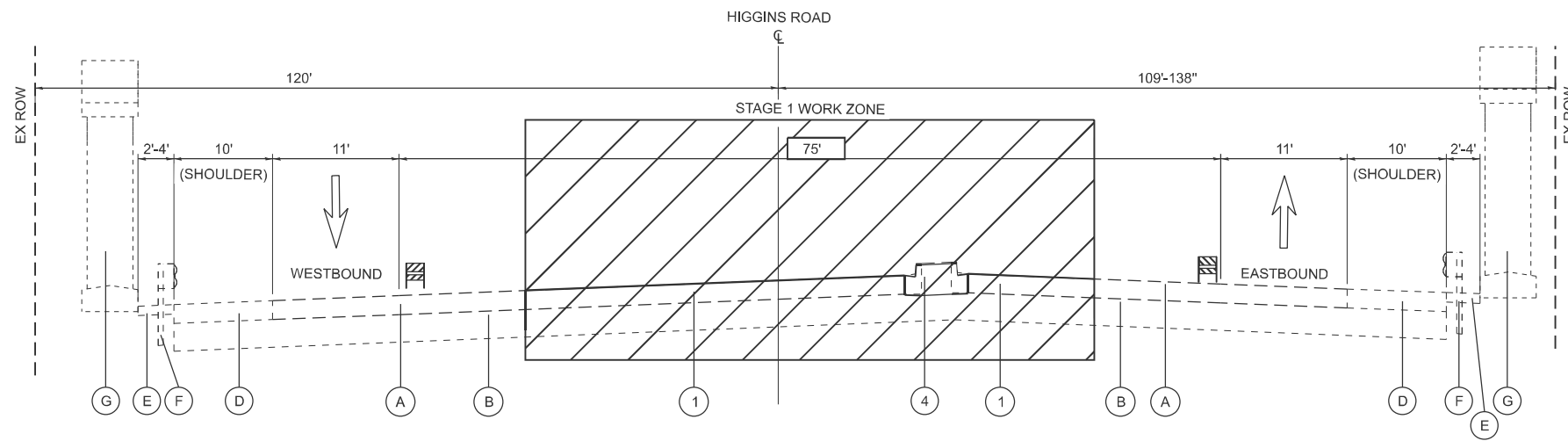
EXISTING LEGEND

- (A) EX. PAVEMENT (R)
 - (B) EX. AGGREGATE SUBGRADE (R)
 - (C) EX. MEDIAN (R)
 - (D) EX. HMA SHOULDER (R)
 - (E) EX. AGG SHOULDER (R)
 - (F) EX. GUARDRAIL (R)
 - (G) EX. BRIDGE PIER
- (R) = ITEMS TO BE REMOVED

PROPOSED LEGEND

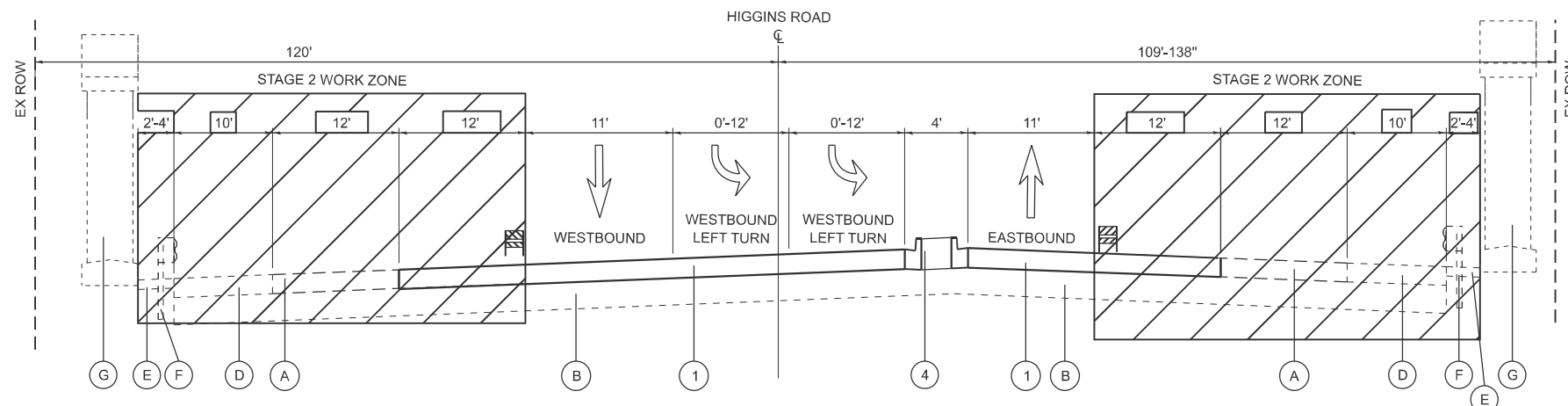
- (1) HIGH-EARLY-STRENGTH PCC PAVEMENT, 14" (JOINTED)
- (2) HIGH EARLY-STRENGTH PCC PAVEMENT, 14" (JOINTED)
- (3) AGGREGATE SHOULDERS, TYPE B 6"
- (4) CONCRETE MEDIAN, TYPE SB-6.24
- (5) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

-  TYPE II BARRICADE OR DRUM
-  WORK ZONE
-  DIRECTION OF TRAFFIC



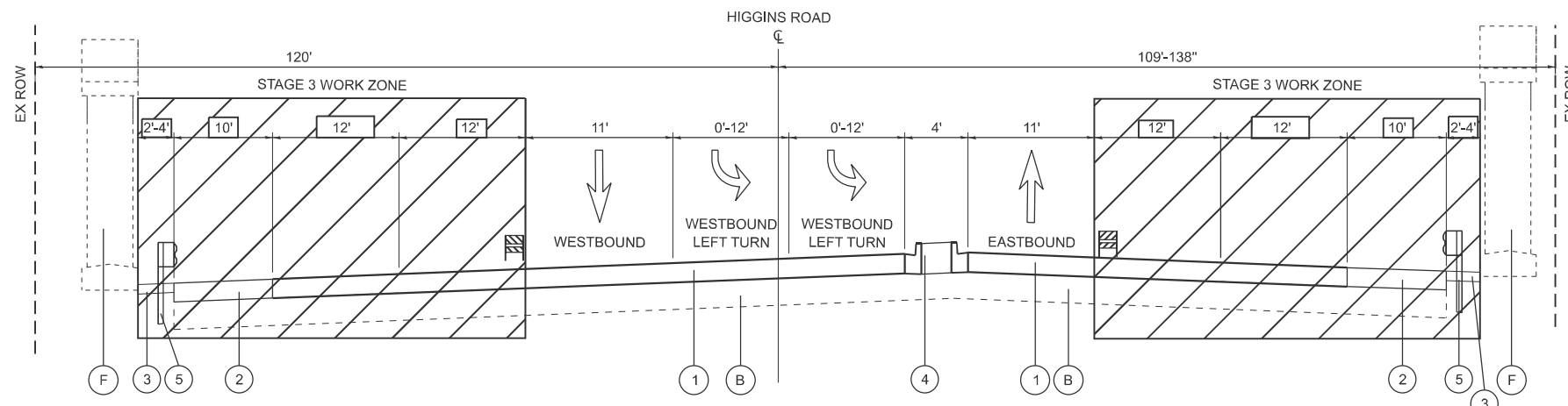
STAGE 1 - TYPICAL SECTION

IL ROUTE 72 (HIGGINS ROAD) - STA. 61+74.00 TO STA. 64+77.00



STAGE 2 - TYPICAL SECTION

IL ROUTE 72 (HIGGINS ROAD) - STA. 61+74.00 TO STA. 64+77.00



STAGE 3 - TYPICAL SECTION

IL ROUTE 72 (HIGGINS ROAD) - STA. 61+74.00 TO STA. 64+77.00



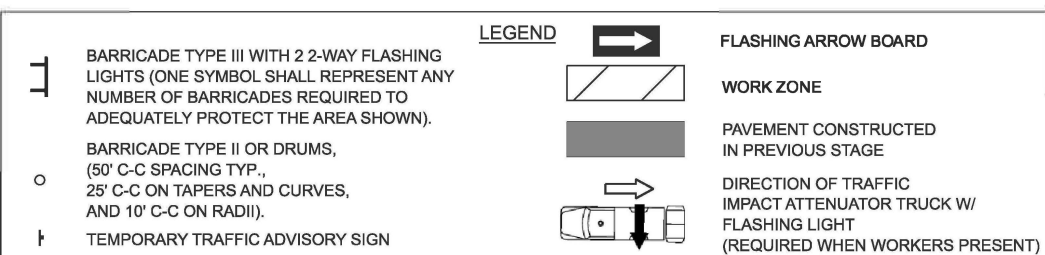
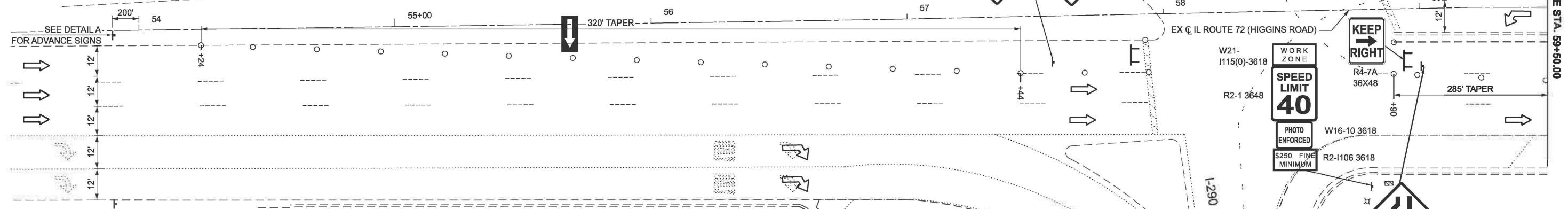
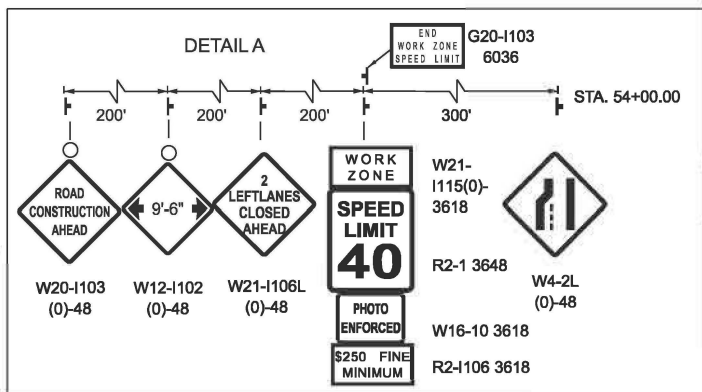
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PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

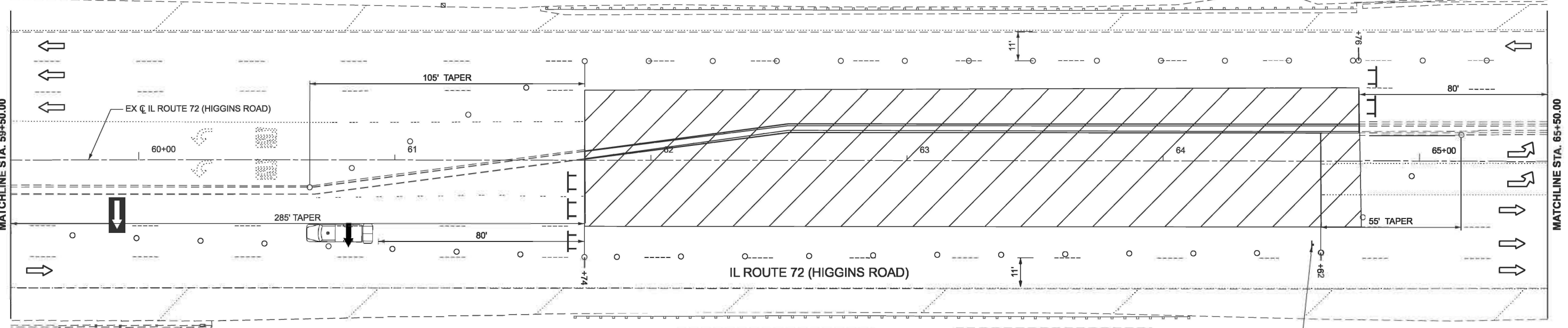
**IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	14
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



NOTE:
 1. EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 2. CONTRACTOR IS TO PLACE TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING TRAFFIC PER DISTRICT 1 STANDARD TC-16.

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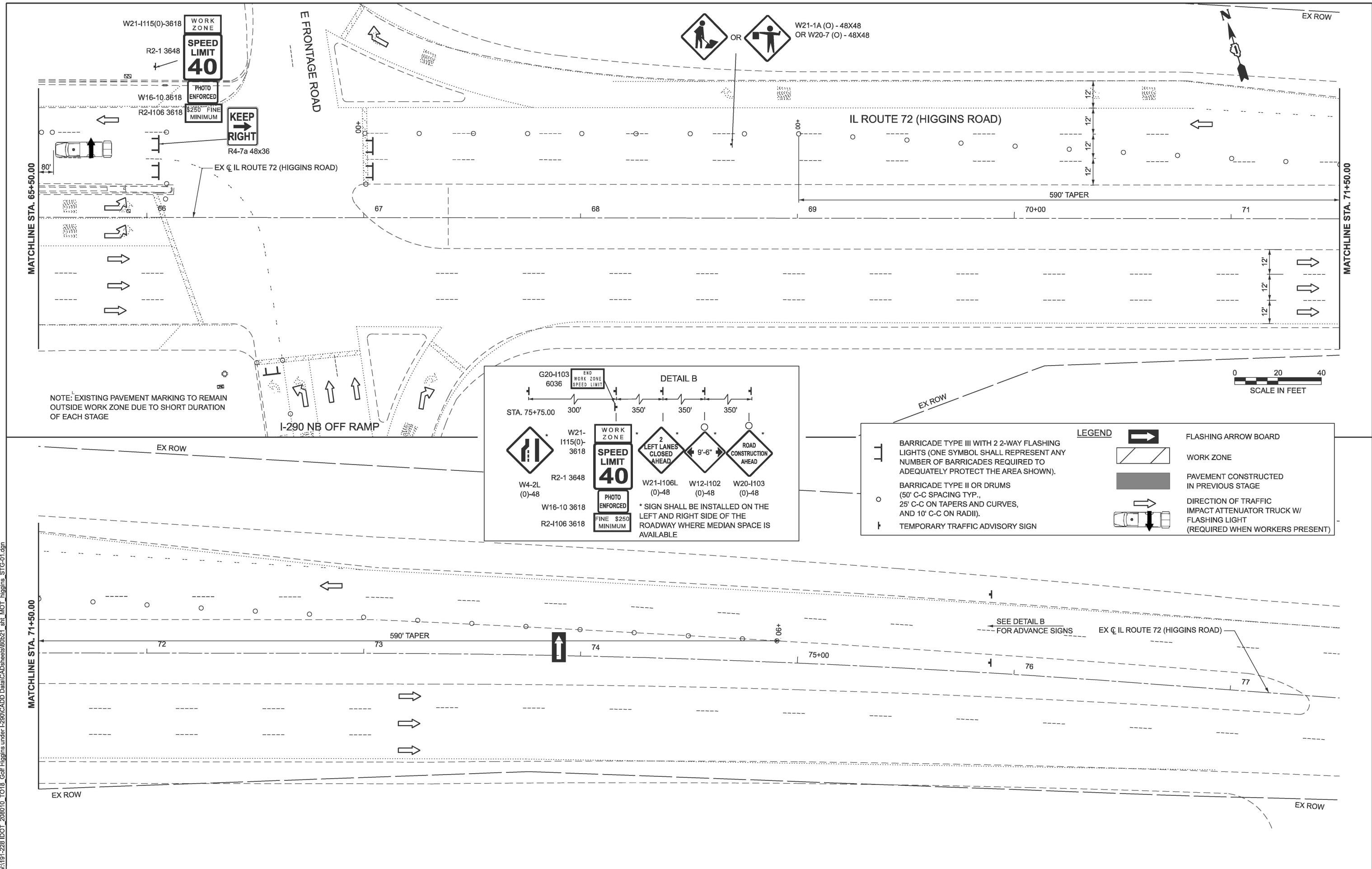
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PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

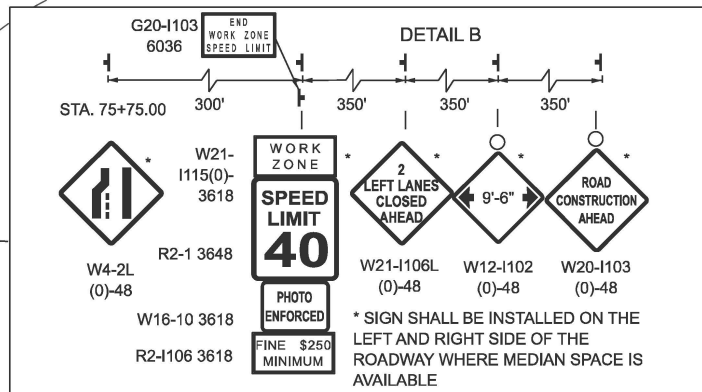
IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 1- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 53+50.00 TO STA. 65+50.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 15
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	

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NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



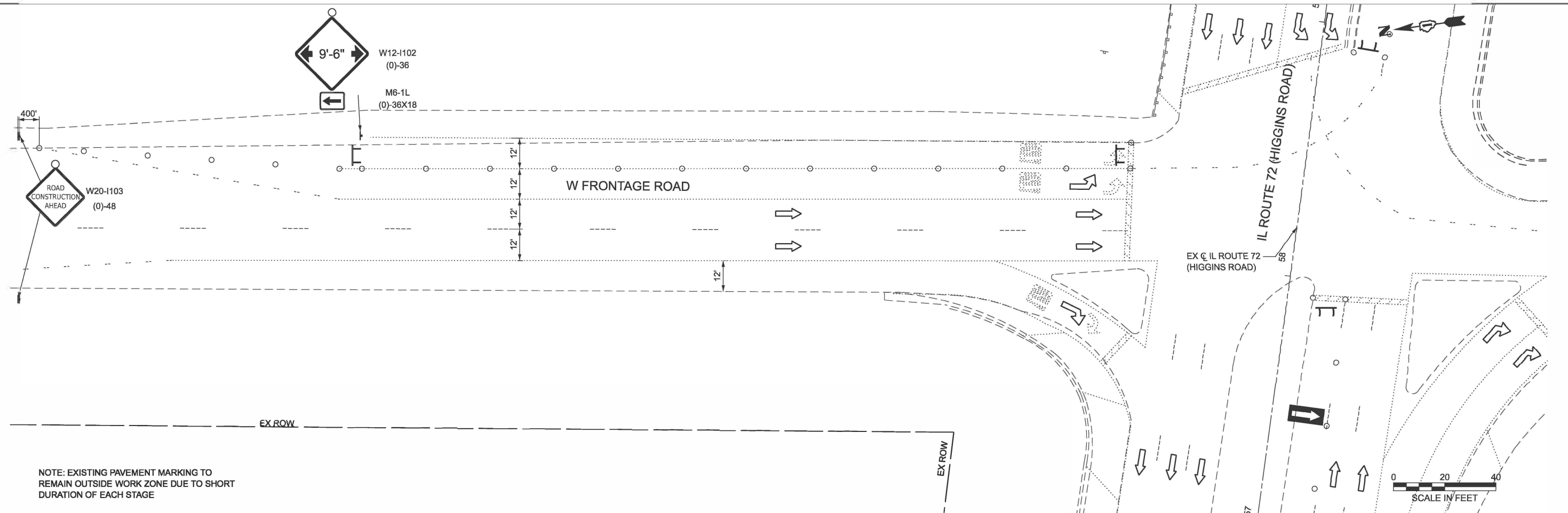
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PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
STAGE 1- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 65+50.00 TO STA. 77+50.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

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NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



LEGEND	
	BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
	BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
	TEMPORARY TRAFFIC ADVISORY SIGN
	FLASHING ARROW BOARD
	WORK ZONE
	PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
	DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



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PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

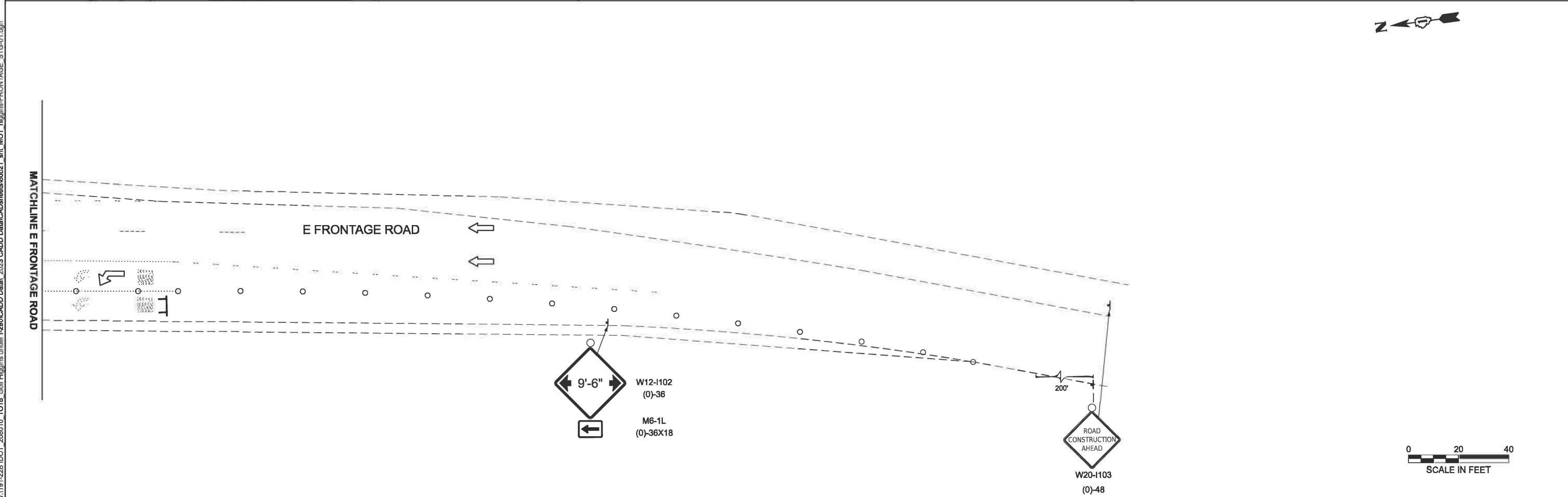
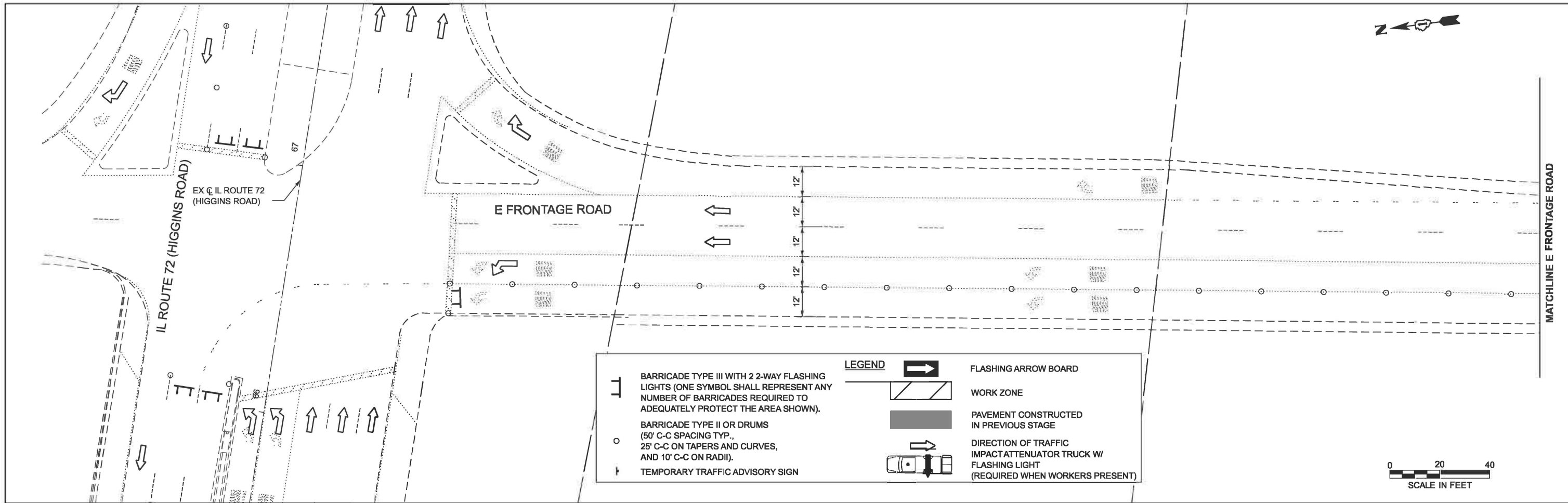
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72(HIGGINS ROAD) UNDER I-290
 STAGE 1- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 17
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 0+00.00 TO STA. 6+00.00

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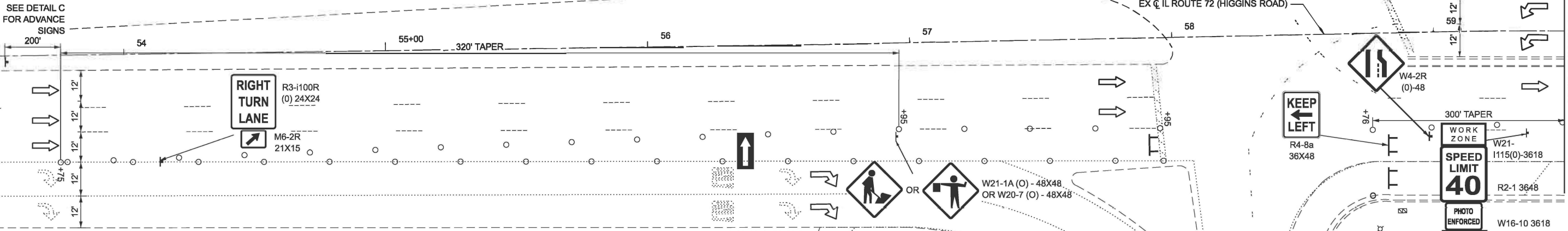
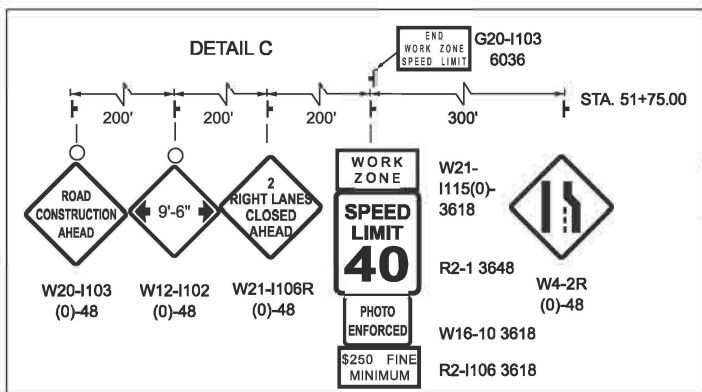
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 1- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 0+00.00 TO STA. 12+00.00

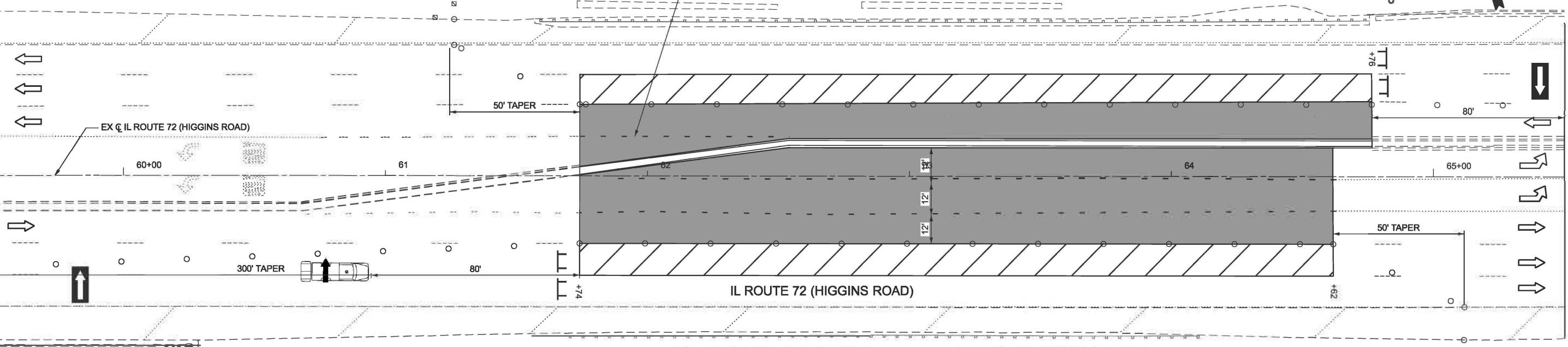
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	



LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



NOTE:
 1. EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 2. CONTRACTOR IS TO PLACE TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING TRAFFIC PER DISTRICT 1 STANDARD TC-16.



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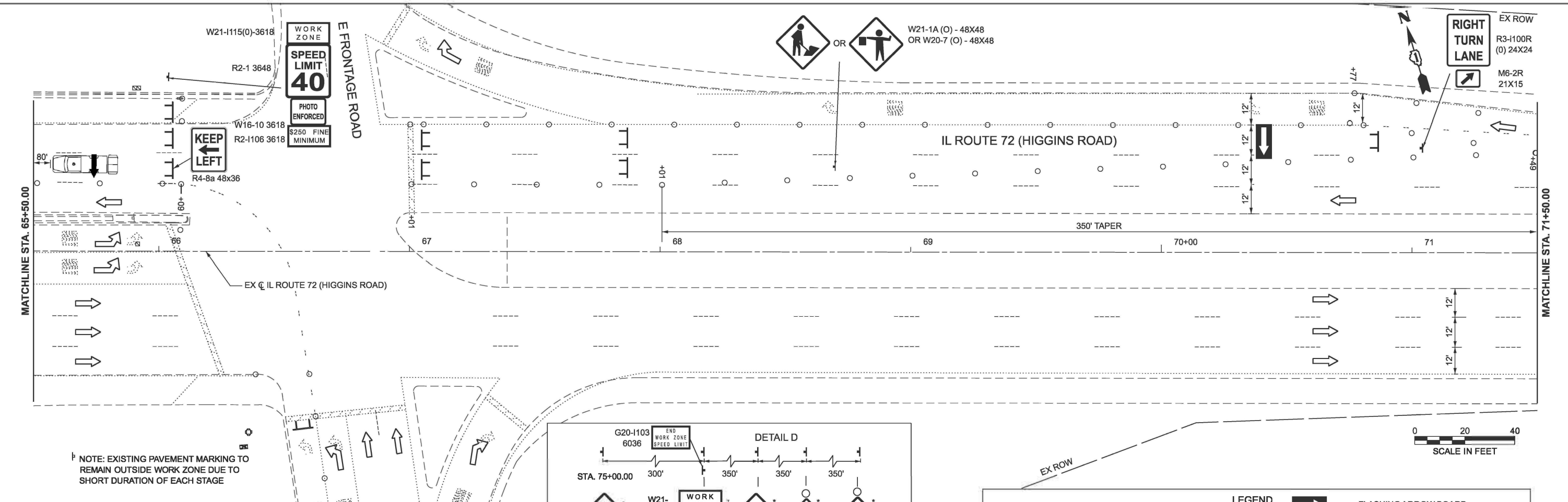
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

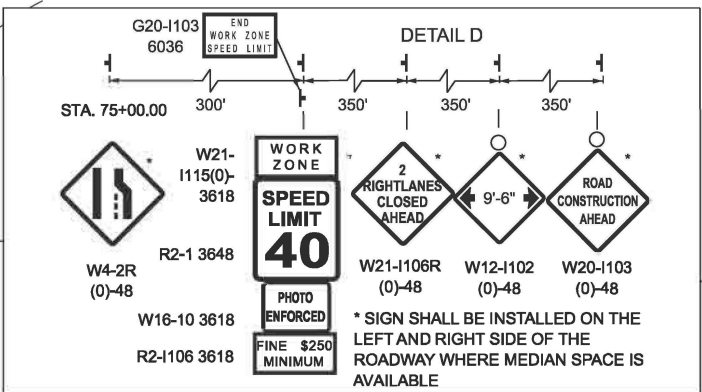
IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 2- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 53+50.00 TO STA. 65+50.00

F.A.P. RTE. 341	SECTION 2025-2000 R S	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 19
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	

MODEL: ExCJ_Higgins_Road_IL72 - Plan 3 (Sheet)
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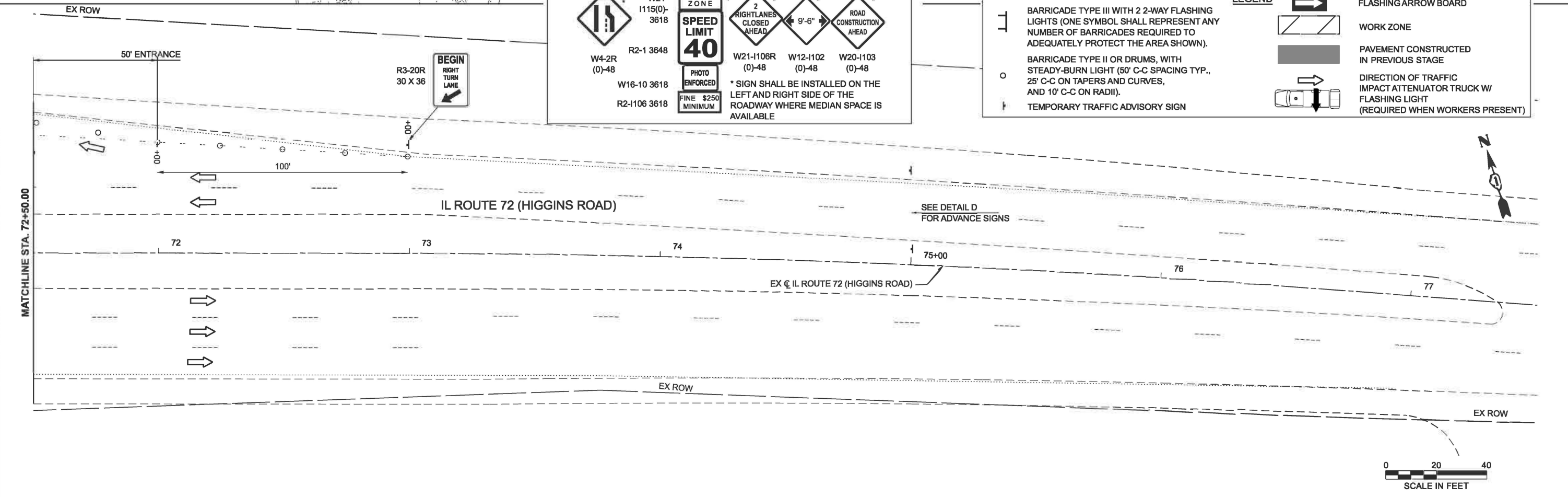


NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



LEGEND

- [Symbol] BARRICADE TYPE III WITH 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- [Symbol] BARRICADE TYPE II OR DRUMS, WITH STEADY-BURN LIGHT (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- [Symbol] TEMPORARY TRAFFIC ADVISORY SIGN
- [Symbol] FLASHING ARROW BOARD
- [Symbol] WORK ZONE
- [Symbol] PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- [Symbol] DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



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PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

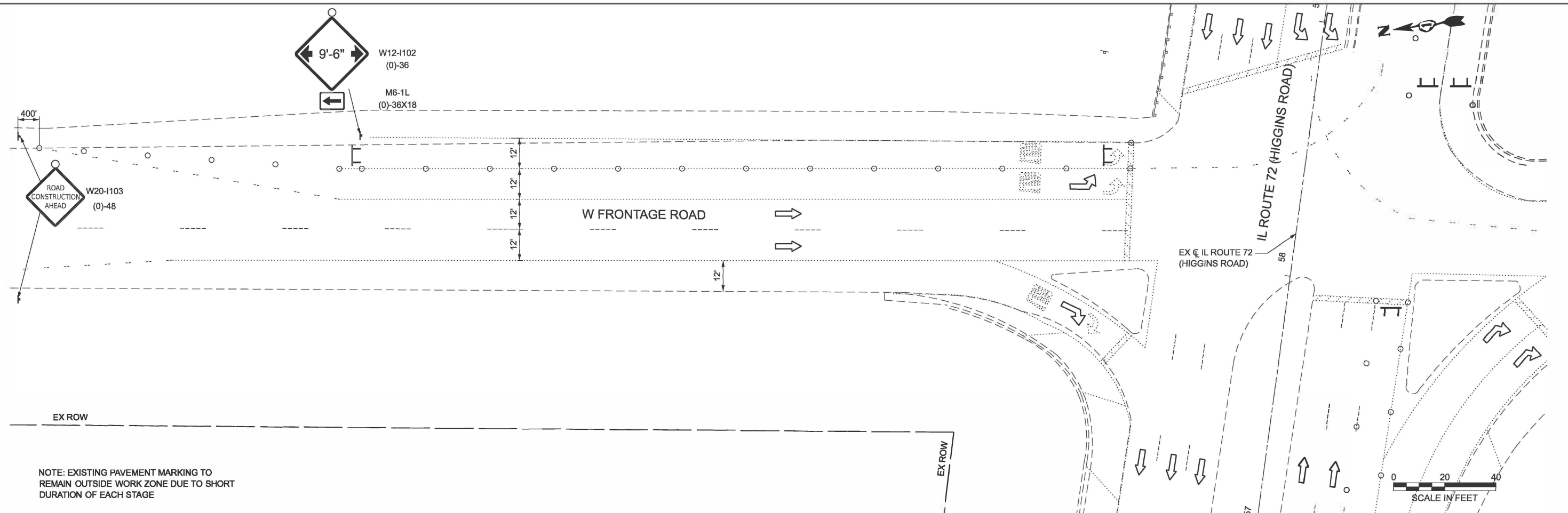
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 2- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 65+50.00 TO STA. 77+50.00

MODEL: FRONTAGE HIGGINS - Plan 1 (Sheet)
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NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

LEGEND	
	BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
	BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
	TEMPORARY TRAFFIC ADVISORY SIGN
	FLASHING ARROW BOARD
	WORK ZONE
	PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
	DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



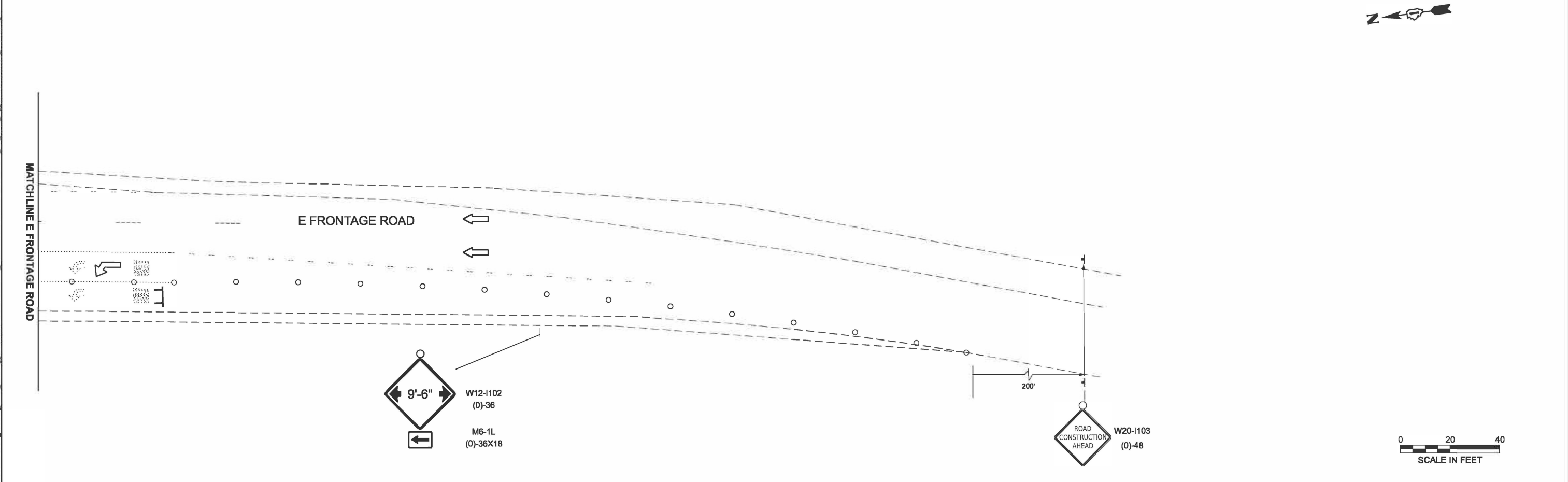
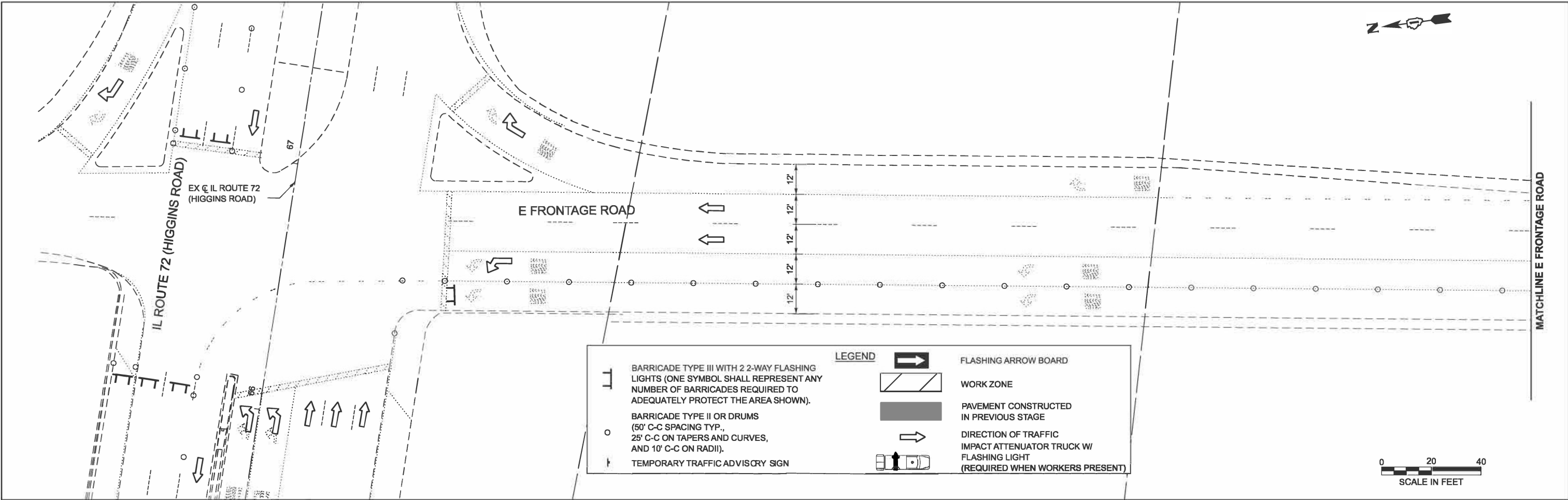
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 2- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 21
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 0+00.00 TO STA. 6+00.00



MODEL: FRONTAGE HIGGINS - Plan 2 (Sheet)
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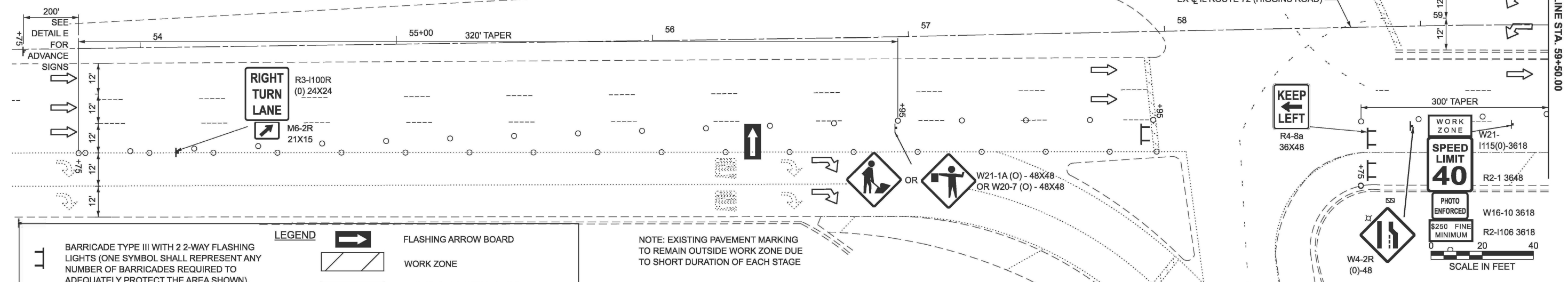
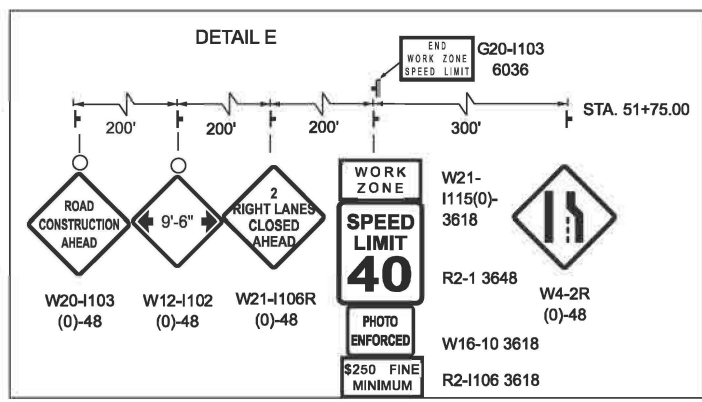
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	CHECKED - GJE	REVISED -
PLOT DATE = 3/9/2026	DATE - 03/13/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
STAGE 2- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 0+00.00 TO STA. 12+00.00

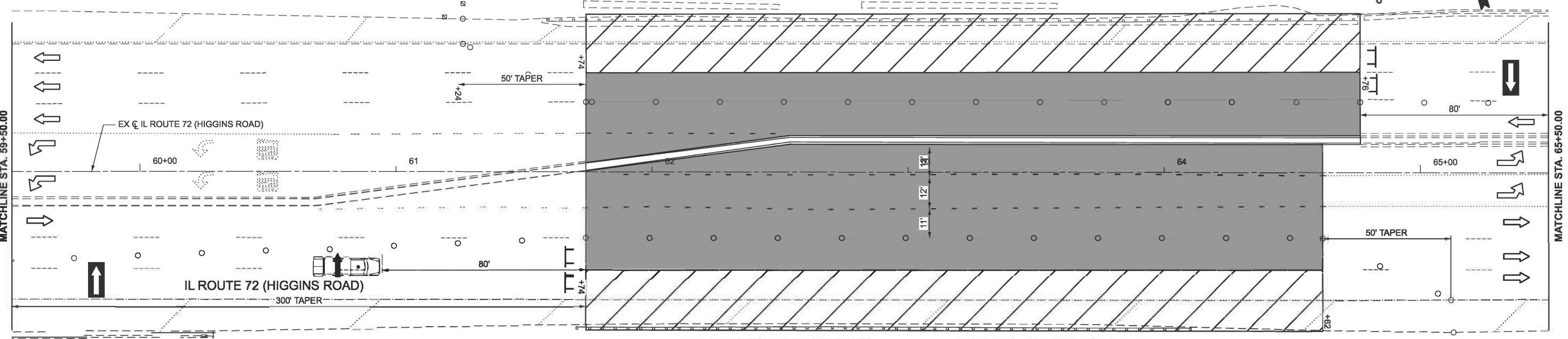
F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	



LEGEND

	BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).		FLASHING ARROW BOARD
	BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).		WORK ZONE
	TEMPORARY TRAFFIC ADVISORY SIGN		PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
			DIRECTION OF TRAFFIC
			IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



NOTE:
 1. EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 2. CONTRACTOR IS TO PLACE TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING TRAFFIC PER DISTRICT 1 STANDARD TC-16.



MODEL: Excl_Higgins_Road_IL72_Plan 2 (Sheet) FILE NAME: W:\181-228.DOT_208010_TO18_Golf_Higgins_under_I-290\CADD_Data\CADsheets\80b21_sht_MOT_Higgins_STG-03.dgn



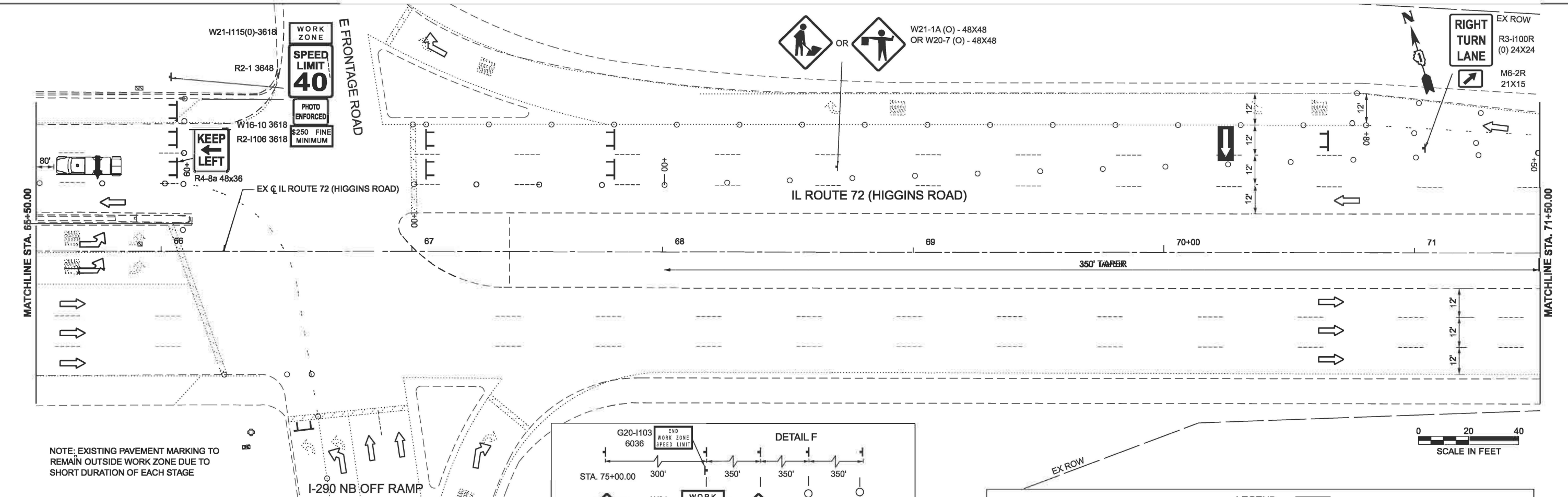
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	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

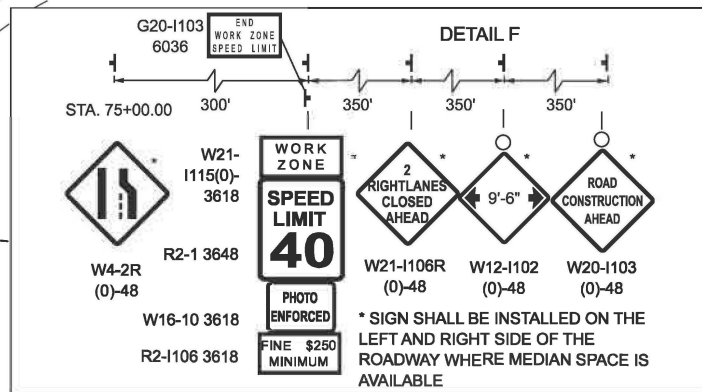
IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 3- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 53+50.00 TO STA. 65+50.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

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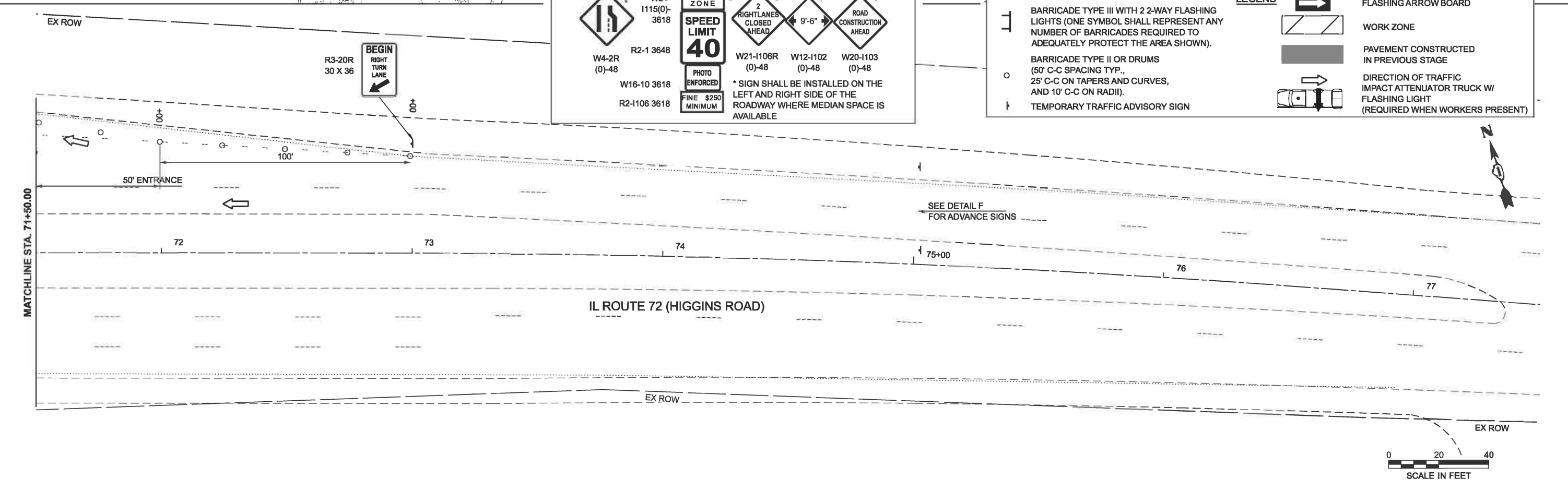


NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)
- TEMPORARY TRAFFIC ADVISORY SIGN



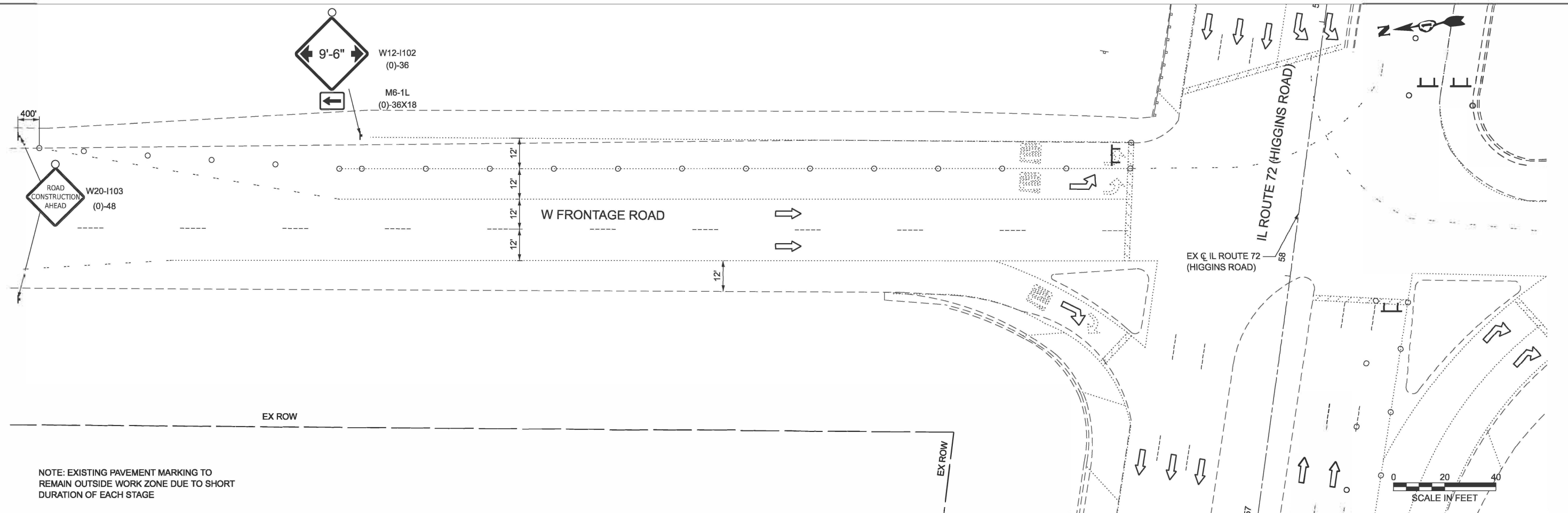
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PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
 STAGE 3- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 65+50.00 TO STA. 77+50.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

MODEL: FRONTAGE HIGGINS - Plan 1 (Sheet)
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NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

LEGEND	
	BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
	BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
	TEMPORARY TRAFFIC ADVISORY SIGN
	FLASHING ARROW BOARD
	WORK ZONE
	PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
	DIRECTION OF TRAFFIC
	IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



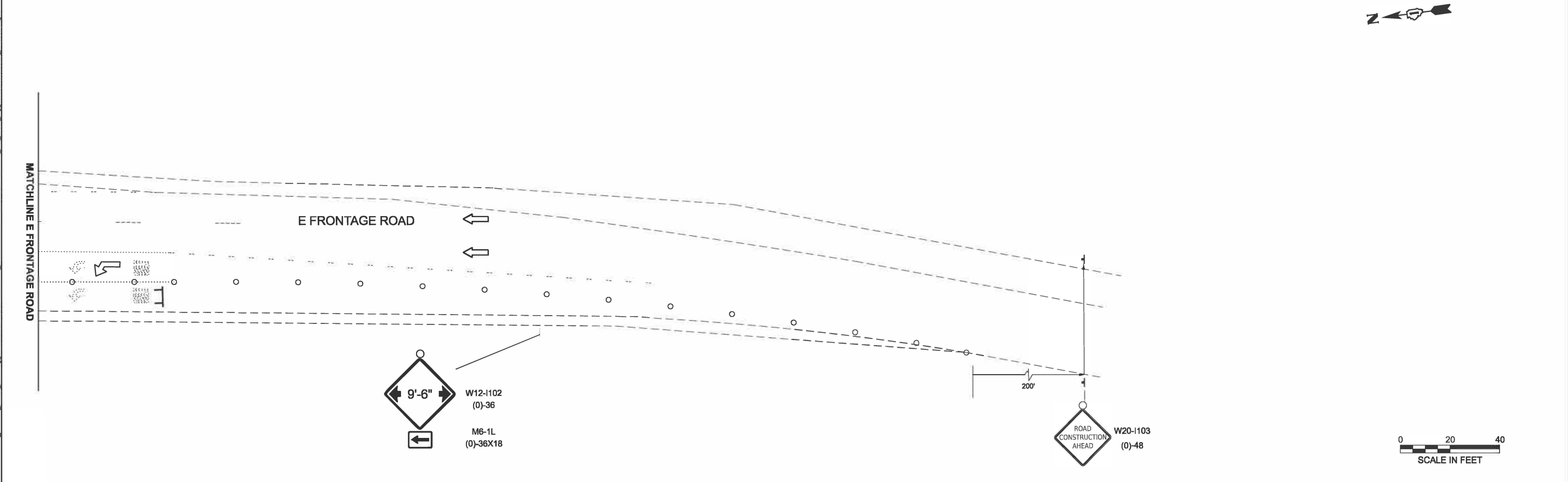
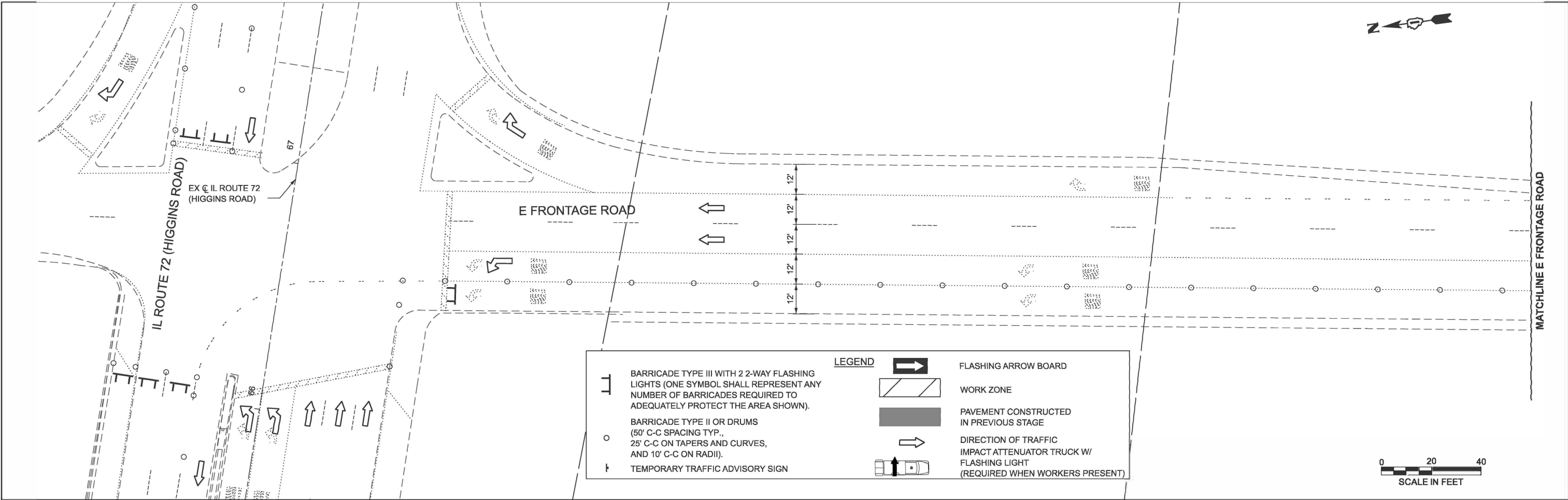
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PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 72(HIGGINS ROAD) UNDER I-290
 STAGE 3- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 25
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 0+00.00 TO STA. 6+00.00



MODEL: FRONTAGE HIGGINS - Plan 2 (Sheet)
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USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - MLA	REVISED -
PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

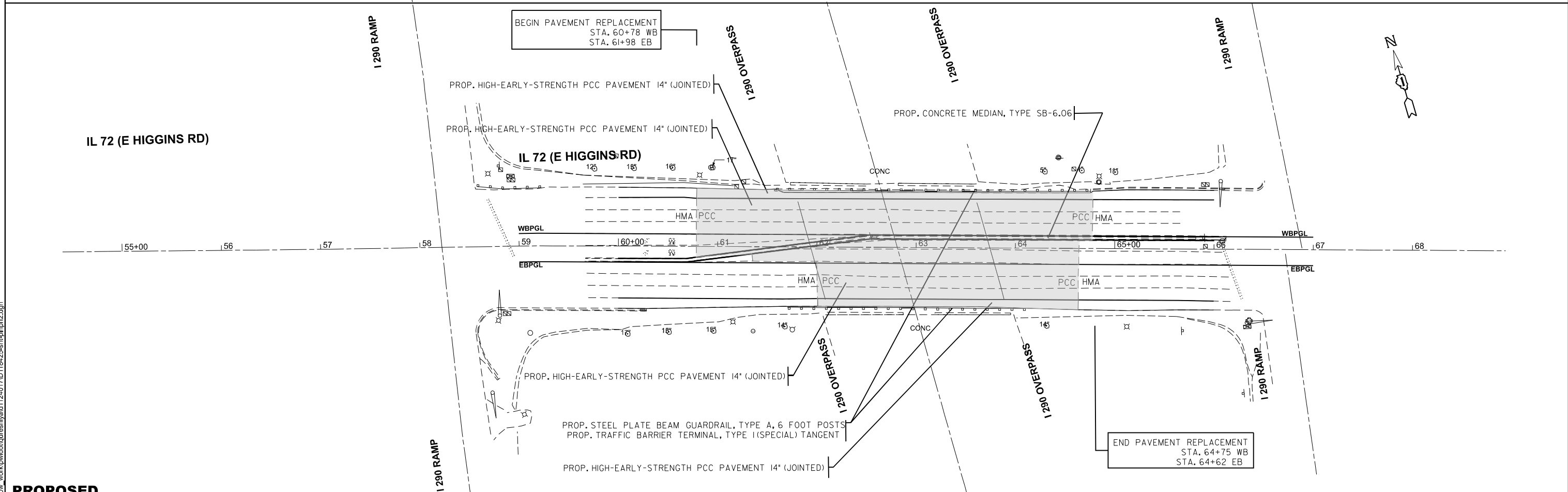
**IL ROUTE 72 (HIGGINS ROAD) UNDER I-290
STAGE 3- SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 0+00.00 TO STA. 12+00.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

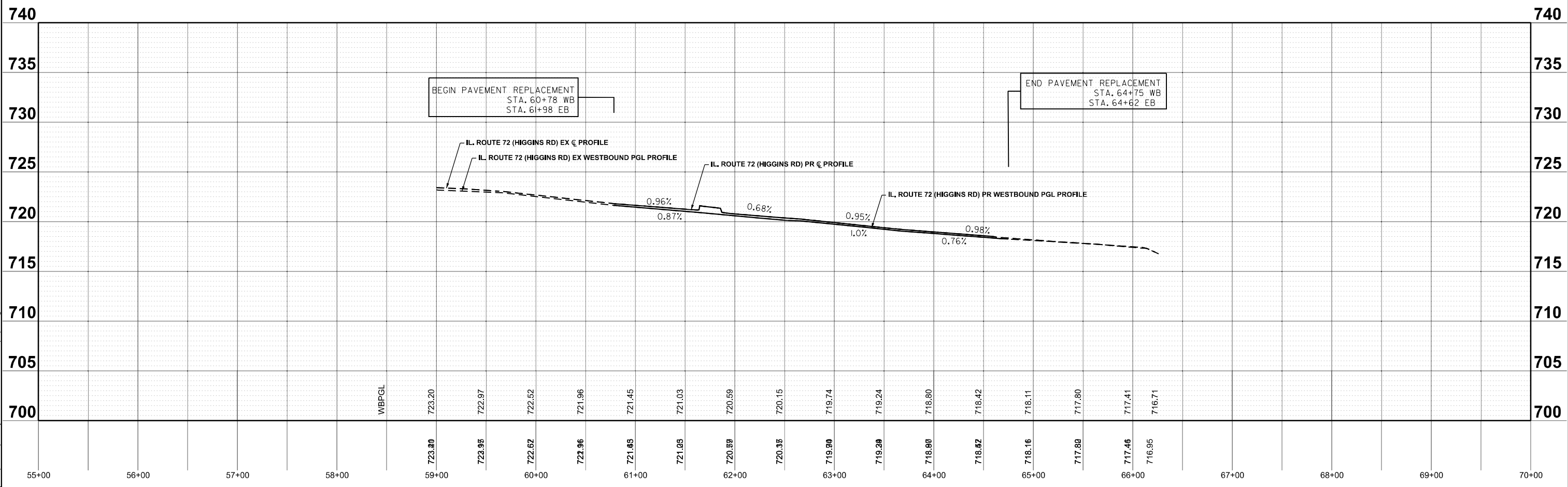
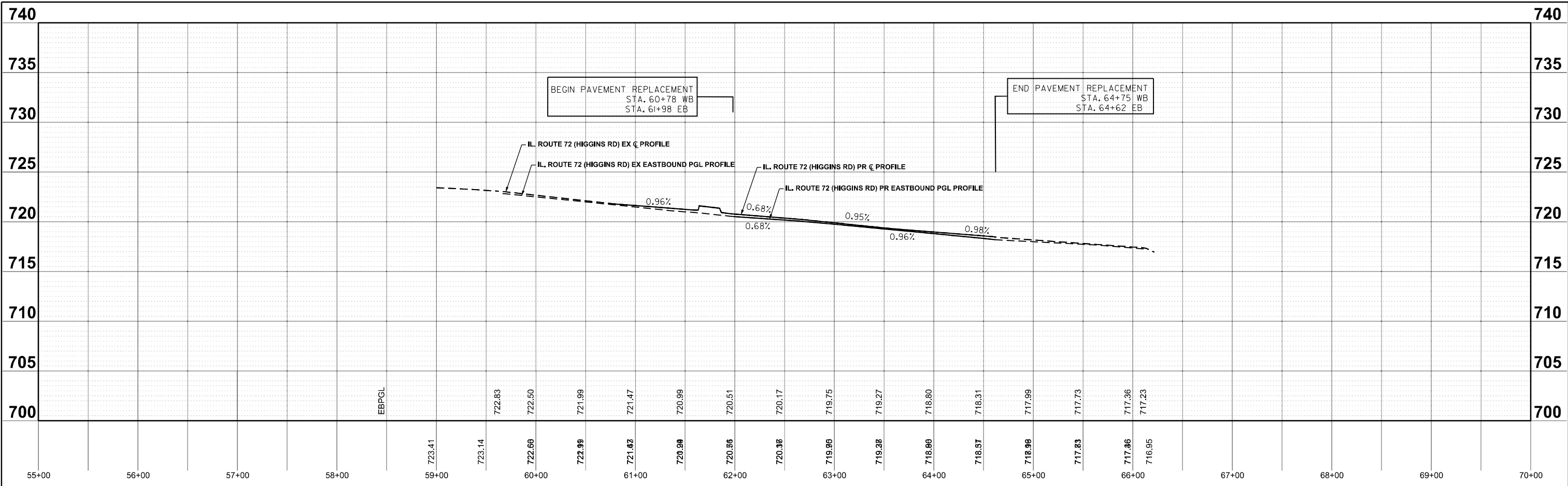
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 FILE NAME: c:\pwwork\qureshi\1240170\118425-sht-1part2.dgn

EXISTING



PROPOSED

USER NAME = yaseen.qureshi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB) ROADWAY PLAN & PROFILE		F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 27	
PLOT DATE = 2/23/2026	DATE -	REVISED -				SCALE: 1"=50'	SHEET ExPlan 1 OF SHEETS	STA. 55+00.00 TO STA. 70+00.00	CONTRACT NO. 80B21		ILLINOIS FED. AID PROJECT



MODEL: IL 72a - PGL Profiles 1
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USER NAME = yaseen.queshti	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/26/2026	DATE -	REVISED -

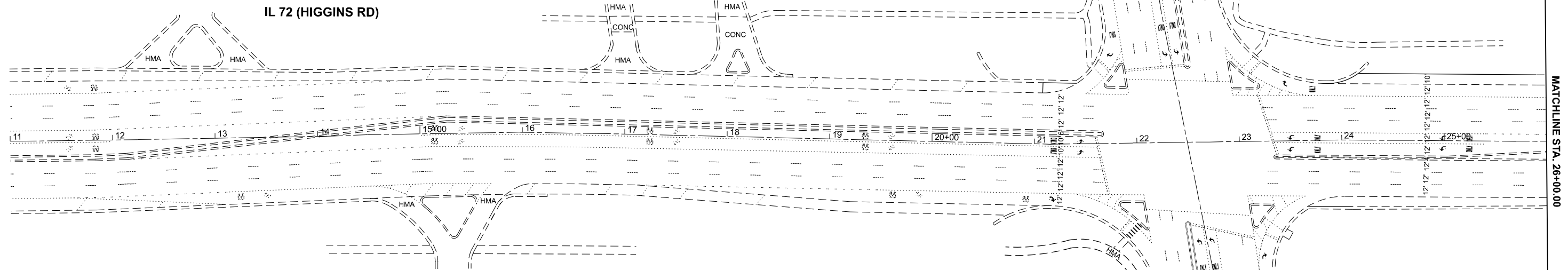
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ILL 72 (HIGGINS RD.) FROM N MEACHAM RD. TO I-290 RAMPS (NB)
 ROADWAY PLAN AND PROFILE**

SCALE: 1"=50' SHEET ePGL Rt 106 file 1 SHEETS STA. 55+00.00 TO STA. 70+00.00

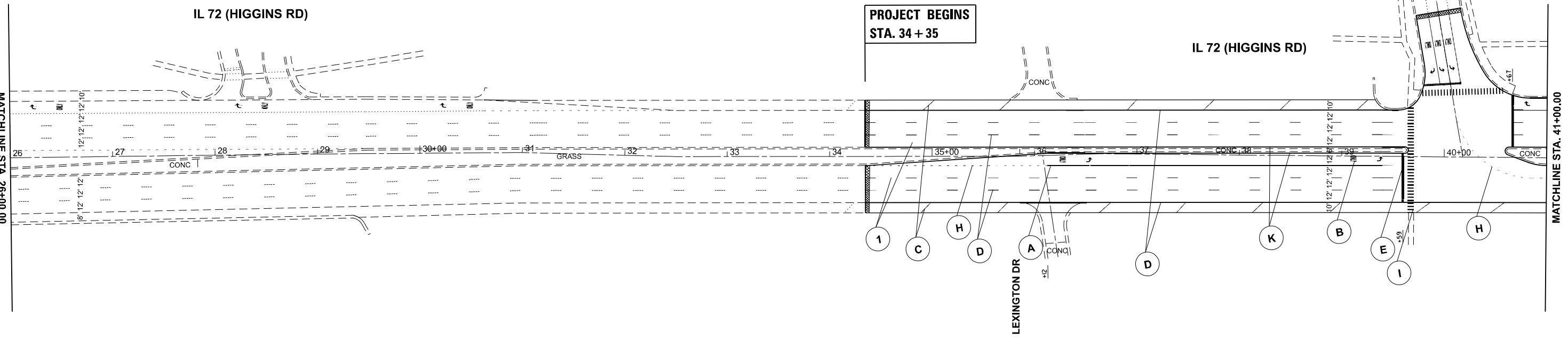
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	28
CONTRACT NO. 80B21				

ILLINOIS FED. AID PROJECT



MATCHLINE STA. 26+00.00

- | | |
|---|---|
| ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.) |
| ② PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.) | ⑦ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.) |
| ⑦ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.) | ⑪ PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.) |
| | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.) |
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DIDETAIL TC-13 AND TC-23B.



MATCHLINE STA. 41+00.00

HMA SURFACE REMOVAL BUTT JOINT, 4.5'



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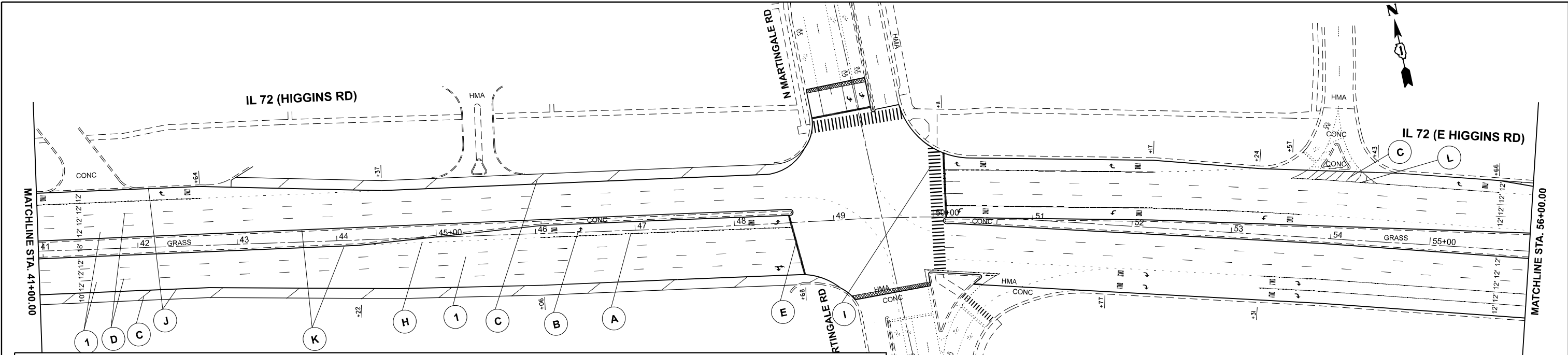
USER NAME = yaseen.queshi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/23/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

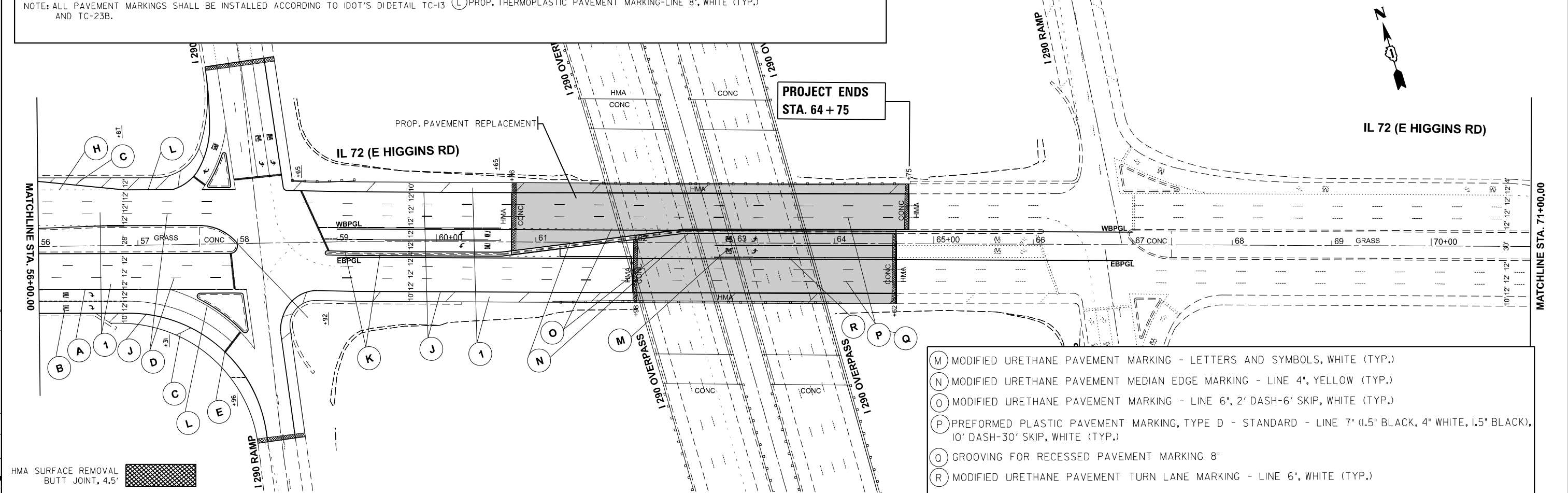
IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMPS)
ROADWAY AND PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 11+00.00 TO STA. 41+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	30
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				



- 1 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
 - A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
 - B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
 - C PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, YELLOW (TYP.)
 - D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
 - E PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
 - F PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
 - G PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
 - H PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
 - I PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
 - J PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", WHITE (TYP.)
 - K PROP. THERMOPLASTIC PAVEMENT EDGE MARKING-LINE 4", YELLOW (TYP.)
 - L PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 8", WHITE (TYP.)
- NOTE: ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S DIDETAIL TC-13 AND TC-23B.



- M MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS, WHITE (TYP.)
- N MODIFIED URETHANE PAVEMENT MEDIAN EDGE MARKING - LINE 4", YELLOW (TYP.)
- O MODIFIED URETHANE PAVEMENT MARKING - LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- P PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK), 10' DASH-30' SKIP, WHITE (TYP.)
- Q GROOVING FOR RECESSED PAVEMENT MARKING 8"
- R MODIFIED URETHANE PAVEMENT TURN LANE MARKING - LINE 6", WHITE (TYP.)

MODEL: IL 72_E-Rampy_Plan_3 (Sheet)
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USER NAME = yaseen.queshti	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/27/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

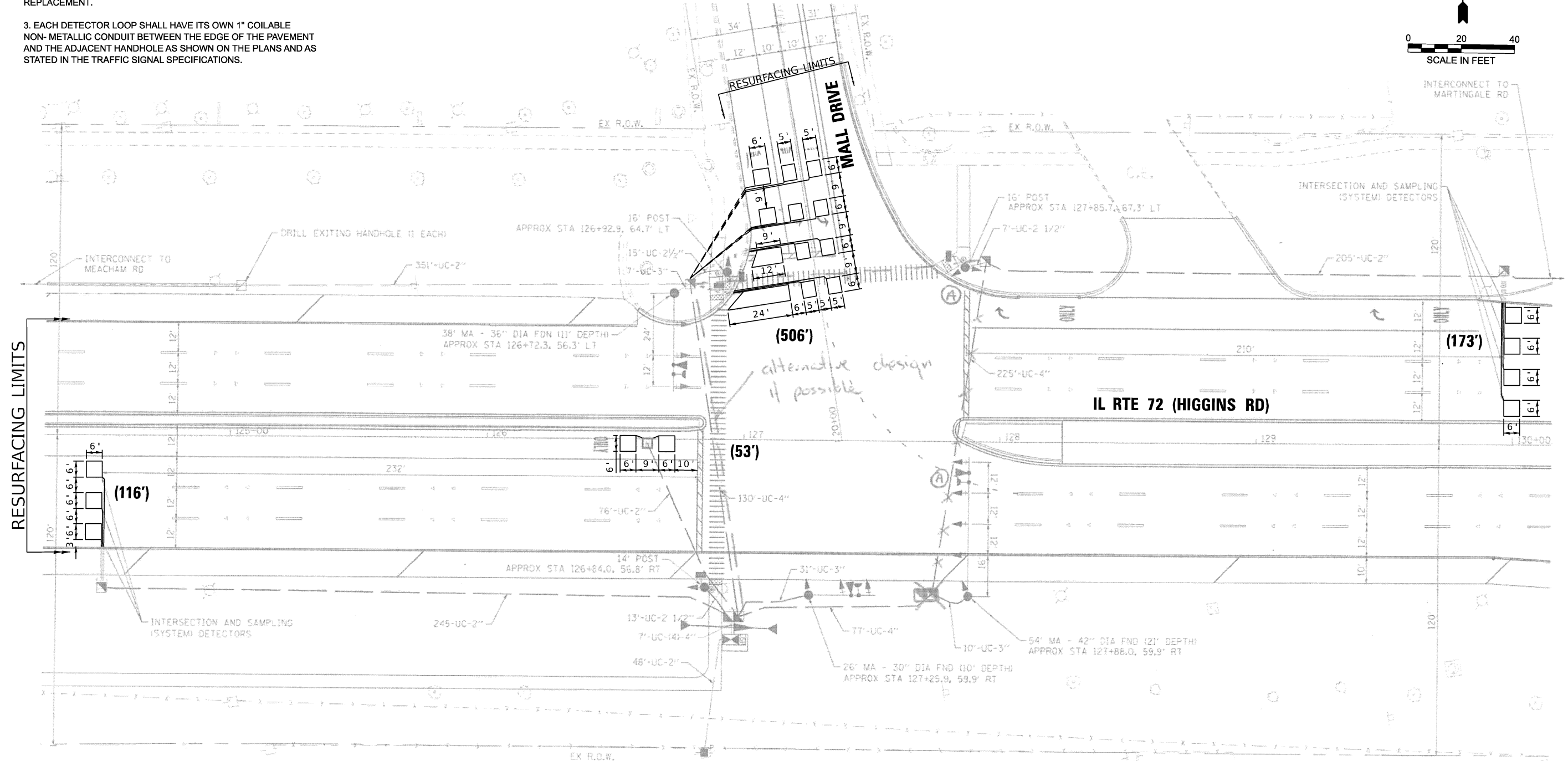
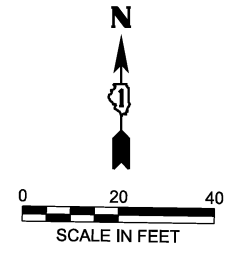
IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMPS)
ROADWAY AND PAVEMENT MARKING PLAN

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 41+00.00 TO STA. 71+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	31
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



**REPLACE ALL DETECTOR LOOP AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	848	FOOT

**TS 3220
IDOT CENTRACS
FORMER ECON 84**

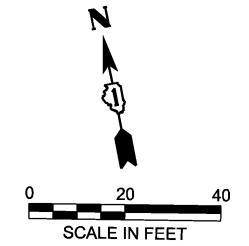
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USER NAME = SalmanAhmed.Shahnavaz	DESIGNED - SS	REVISED -
	DRAWN - SS	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/13/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN IL RTE 72 AT MALL DRIVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 32
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

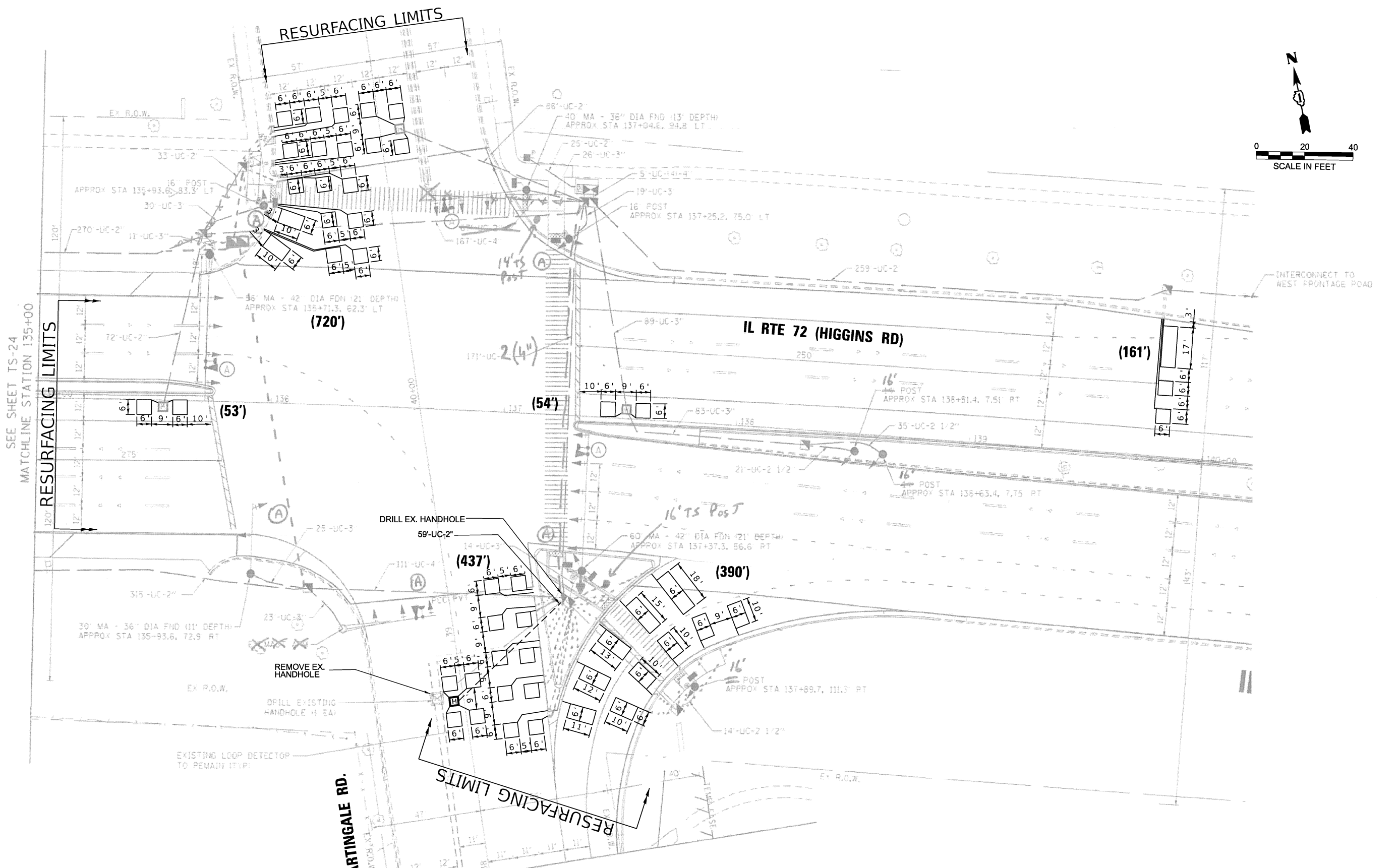


SEE SHEET TS-24
MATCHLINE STATION 135+00

RESURFACING LIMITS

RESURFACING LIMITS

RESURFACING LIMITS



MODEL: Default
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TS 3225
IDOT CENTRACS
FORMER ECON 84

USER NAME = SalmanAhmed.Shahnavaz	DESIGNED - SS	REVISED -
	DRAWN - SS	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/13/2025	DATE -	REVISED -

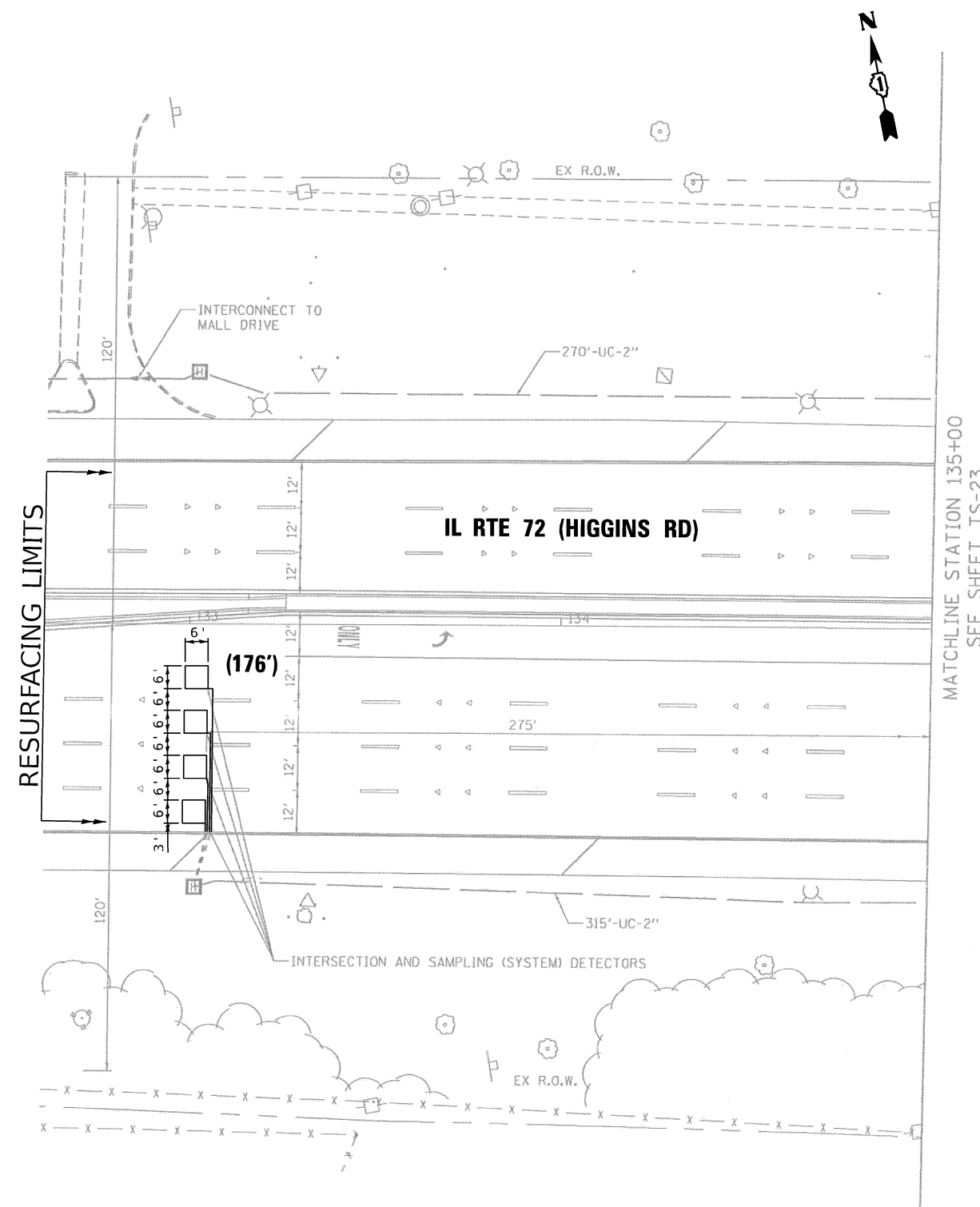
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN (SHEET 1 OF 2)
IL RTE 72 AT MARTINGALE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	33
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON- METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	59
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	1991
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	83
REMOVE EXISTING HANDHOLE	EACH	1

**TS 3225
 IDOT CENTRACS
 FORMER ECON 84**

USER NAME = SalmanAhmed.Shahnavaz	DESIGNED - SS	REVISED -
	DRAWN - SS	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/13/2025	DATE -	REVISED -

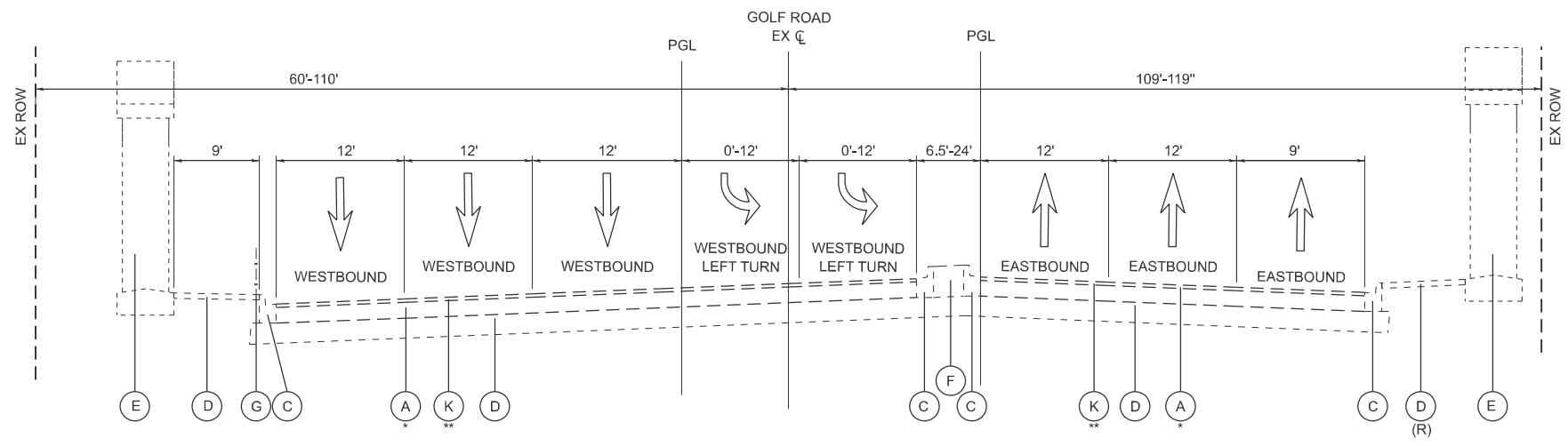
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
 IL RTE 72 AT MARTINGALE ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

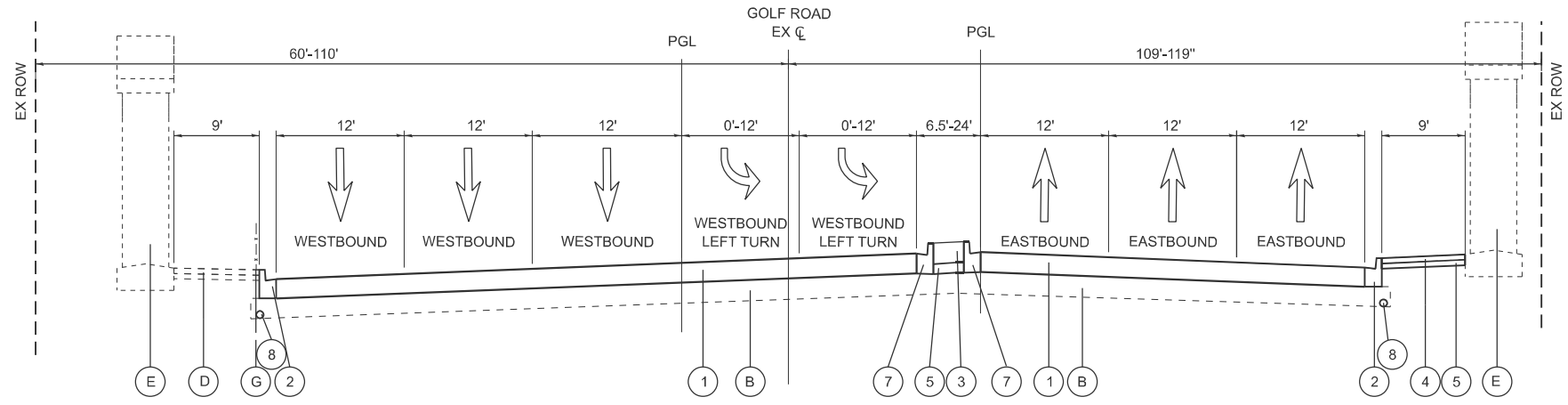
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	34
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

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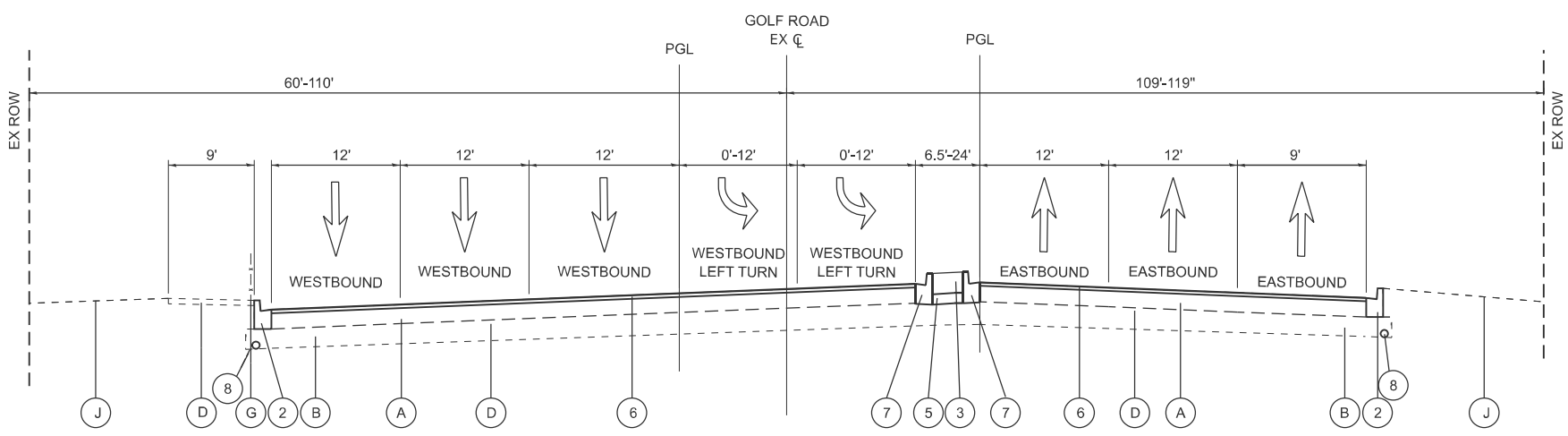
TYPICAL SECTION

EXISTING IL ROUTE 58 (GOLF ROAD) - STA. 122+07.00 TO STA. 125+40.00
 * PCC PAVEMENT: STA. 122+07.00 - STA. 124+92.00
 **HMA PAVEMENT: STA. 124+92.00 - STA. 125+40.00



TYPICAL SECTION

PROPOSED IL ROUTE 58 (GOLF ROAD) - STA. 122+07.00 TO STA. 124+92.00



TYPICAL SECTION

PROPOSED IL ROUTE 58 (GOLF ROAD) - STA. 124+92.00 TO STA. 125+40.00

EXISTING LEGEND

- (A) EX. PAVEMENT, 10" TO 18" (R)
 - (B) EX. AGGREGATE SUBGRADE, 10" (R)
 - (C) EX. COMB. CURB & GUTTER (R)
 - (D) EX. PCC SIDEWALK, 5"
 - (E) EX. BRIDGE PIER
 - (F) EX. MEDIAN (R)
 - (G) REMOVING AND RE-ERECTING EXISTING RAILING
 - (H) EX. HMA SHOULDER (R)
 - (I) EX. AGGREGATE SHOULDER (R)
 - (J) EX. GROUND
 - (K) EX. HMA PAVEMENT SURFACE, 2" (R)
- (R) = ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HIGH-EARLY-STRENGTH PCC PAVEMENT, 10" (JOINTED)
- (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)
- (3) CONCRETE MEDIAN SURFACE, 4"
- (4) PCC SIDEWALK, 5"
- (5) AGGREGATE BASE COURSE, TYPE B 4"
- (6) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (8) PIPE UNDERDRAINS, TYPE 2, 4"



USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 2/27/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
TYPICAL SECTIONS

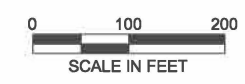
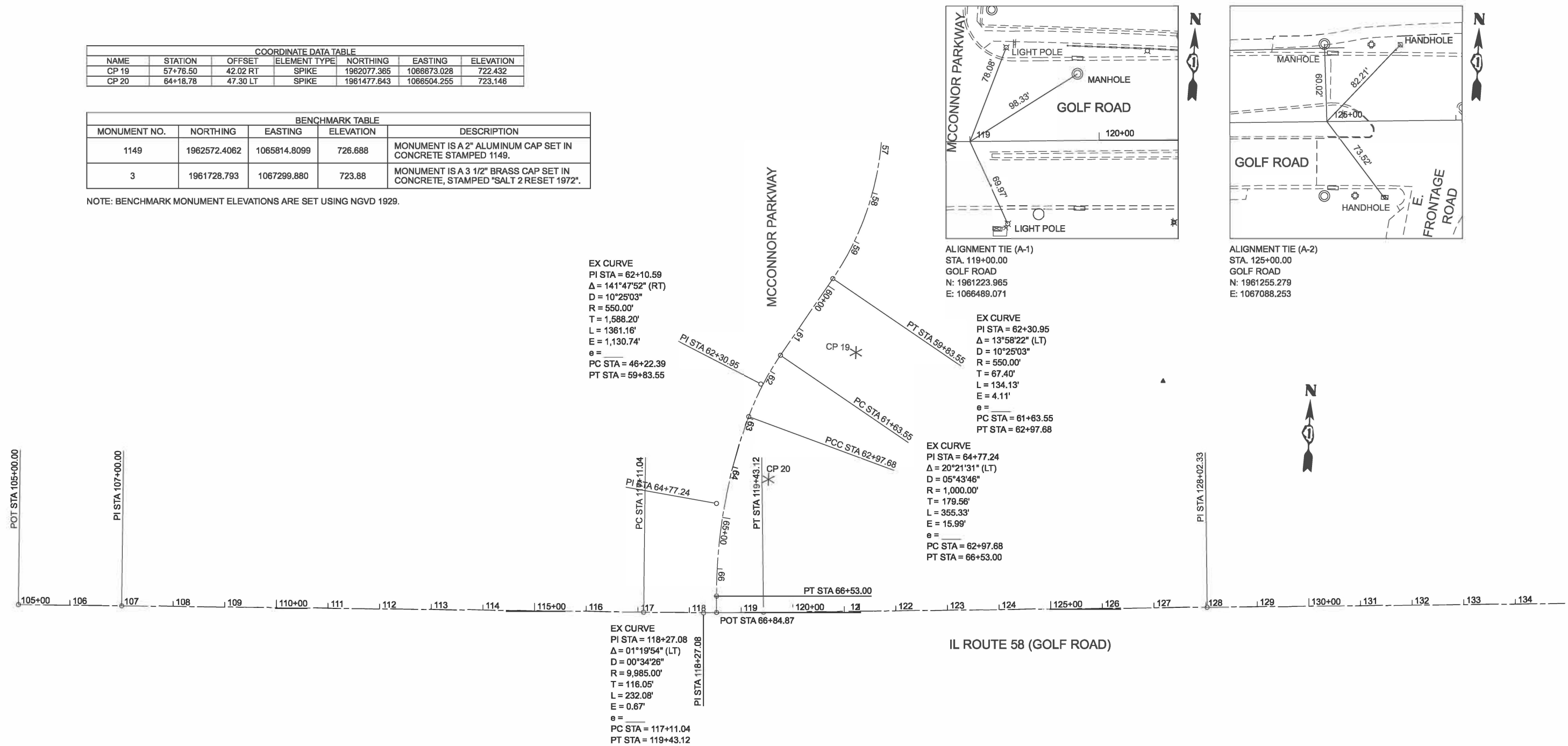
SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2025-2000-RS	COOK	84	35
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	

COORDINATE DATA TABLE						
NAME	STATION	OFFSET	ELEMENT TYPE	NORTHING	EASTING	ELEVATION
CP 19	57+76.50	42.02 RT	SPIKE	1962077.365	1066673.028	722.432
CP 20	64+18.78	47.30 LT	SPIKE	1961477.643	1066504.255	723.146

BENCHMARK TABLE				
MONUMENT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1149	1962572.4062	1065814.8099	726.688	MONUMENT IS A 2" ALUMINUM CAP SET IN CONCRETE STAMPED 1149.
3	1961728.793	1067299.880	723.88	MONUMENT IS A 3 1/2" BRASS CAP SET IN CONCRETE, STAMPED "SALT 2 RESET 1972".

NOTE: BENCHMARK MONUMENT ELEVATIONS ARE SET USING NGVD 1929.



MODEL: EX_GOLF - Plan 1 (Sheet)
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USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 1/27/2026	DATE = 01/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**IL ROUTE 58 (GOLF ROAD) UNDER I-290
 ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. 104+00.00 TO STA. 134+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	36
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

STAGE CONSTRUCTION GENERAL NOTES

1. ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE INTERSECTIONS NOTED IN THE PLANS. TEMPORARY INTERSECTION SIGNALIZATION SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. THE TRAFFIC CONTROL STANDARDS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.

2. TAPER LENGTH FOR TRAFFIC CONTROL DEVICES IS DEFINED BY:

$$L = \frac{WS^2}{60}$$

THE TAPER IS DEFINED AS FOLLOWS:

L = TAPER LENGTH IN FEET

W = WIDTH OF OFFSET IN FEET

S = POSTED SPEED IN MPH

3. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.

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

5. THE CONTRACTOR WILL GIVE THE ENGINEER AT LEAST 10 DAYS NOTICE PRIOR TO ANY TRAFFIC STAGING CHANGES.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COVERING OR REMOVING ANY EXISTING ROADWAY SIGNAGE THAT CONFLICTS WITH THE STAGED TRAFFIC PATTERN. TEMPORARY TRAFFIC CONTROL BARRIERS AND SIGNAGE SHALL BE IN PLACE PRIOR TO TRAFFIC STAGING.

7. PEDESTRIAN AND BICYCLE ACCESS MUST BE MAINTAINED ON ALL EXISTING FACILITIES AND ON NEW FACILITIES AS THEY BECOME AVAILABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC.

8. ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.

9. A MONO-DIRECTIONAL FLASHING AMBER BEACON SHALL BE MOUNTED TO THE FIRST TWO WARNING SIGNS ON EACH APPROACH DURING HOURS OF DARKNESS.

10. STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED FOR UNSIGNALIZED SIDE STREETS AND DRIVEWAYS THROUGHOUT ALL CONSTRUCTION STAGES.

11. ALL EXISTING TRAFFIC GUIDE SIGNS (I.E. STREET NAME SIGNS, ADVANCED STREET NAME SIGNS, ETC.) SHALL BE MAINTAINED AND VISIBLE TO TRAFFIC THROUGHOUT CONSTRUCTION.

12. POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES TO THE SATISFACTION OF THE RESIDENT ENGINEER. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY INLETS, OUTLETS, AND CONNECTIONS FOR ALL EXISTING AND PROPOSED FACILITIES INCLUDING TEMPORARY PUMPING IF NECESSARY. TEMPORARY ACCOMMODATIONS SHALL BE MAINTAINED UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE AND THE FINAL SHAPING AND GRADING OF DITCHES IS PERFORMED. THE COST OF ALL LABOR, EQUIPMENT, AND MATERIALS (TEMPORARY OR PERMANENT USED AS TEMPORARY) TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR DIRECTLY, BUT THE COST SHALL BE CONSIDERED INCLUDED IN THE PROPOSED ITEMS OF WORK IN THE CONTRACT.

13. THE CONTRACTOR SHALL NOTE LOCATIONS OF ALL PAVEMENT MARKINGS OUTSIDE OF THE PROJECT LIMITS FOR RESTORATION PURPOSES.

14. THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS PRIOR NOTICE TO THE RESIDENT ENGINEER, VILLAGE OF SCHAMBURG EMERGENCY SERVICES, SCHOOLS, AND POST OFFICE PRIOR TO IMPLEMENTING LANE CLOSURES OR MAJOR TRAFFIC CONTROL CHANGES.

15. THE CONTRACTOR SHALL REMOVE OR COVER ALL W21-1 (WORKERS PRESENT) AND W20-7 (FLAGGER) SIGNS, WITHIN AN HOUR, WHEN WORKERS ARE NOT PRESENT OR IF THE SIGN IS NOT APPLICABLE.

16. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.

17. TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.

18. TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.

19. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES WILL BE REMOVED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR.

20. ROAD CONSTRUCTION AHEAD (W20-1103(O)) SIGNS AND ARROW (M6-1 21"x15") SIGNS TO BE PLACED ON ALL SIDE STREETS 200' PRIOR TO STOP SIGN LOCATION.

21. RECONSTRUCTION OF THE PAVEMENT ON GOLF ROAD UNDER I-290 SHALL TAKE PLACE ON CONSECUTIVE WEEKEND CLOSURES. THESE WEEKEND CLOSURES MAY NOT BEGIN UNTIL AFTER 7:00PM FRIDAY EVENING. CLOSURES MUST BE COMPLETED AND LANES FULLY OPEN TO TRAFFIC BY 4:00PM SUNDAY. ALL ASSOCIATED SIGNAGE MUST BE REMOVED OR BAGGED AT THIS TIME.

22. ALL TRAFFIC CONTROL TEMPORARY SIGNAGE MUST BE IN PLACE PRIOR TO MOVING INTO STAGE.

23. CLOSURES EXCEEDING THE TIME FRAME WILL NOT BE ALLOWED UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY IDOT.

24. THE ROADWAYS ARE TO BE CLEAN OF ANY DEBRIS PRIOR TO OPENING NEW LANES TO TRAFFIC.

25. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGE EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

CONSTRUCTION STAGING

GOLF ROAD

THE FOLLOWING IS THE CONSTRUCTION STAGING FOR GOLF ROAD. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST. NO SIMULTANEOUS WORK ON IL ROUTE 58 (GOLF ROAD) AND IL ROUTE 72 (HIGGINS ROAD) WILL BE ALLOWED. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.

RECONSTRUCTION OF THE PAVEMENT ON GOLF ROAD UNDER I-290 SHALL TAKE PLACE ON FOUR (4) CONSECUTIVE WEEKEND CLOSURES. THESE WEEKEND CLOSURES MAY NOT BEGIN UNTIL AFTER 7:00PM FRIDAY EVENING. CLOSURES MUST BE COMPLETED AND LANES FULLY OPEN TO TRAFFIC BY 7:00 AM MONDAY. ALL ASSOCIATED SIGNAGE MUST BE REMOVED OR BAGGED AT THIS TIME. ENSURE TEMPORARY PAVEMENT MARKINGS ARE INSTALLED PRIOR TO REOPENING ROADWAY.

STAGE 1: (2 WEEKENDS)

1. PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
2. PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF GOLF ROAD. CLOSE INSIDE TWO LANES AS SHOWN ON STAGING PLANS.
3. PROVIDE ONE 12' LEFT TURN LANE AND ONE 12' RIGHT TURN LANE ON THE EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE.
4. REMOVE EXISTING PAVEMENT, MEDIAN SURFACE, AND CURB AND GUTTER ALONG GOLF ROAD.
5. CONSTRUCT THE PROPOSED PAVEMENT, MEDIAN SURFACE, AND CURB AND GUTTER ALONG GOLF ROAD.

STAGE 2: (1 WEEKEND)

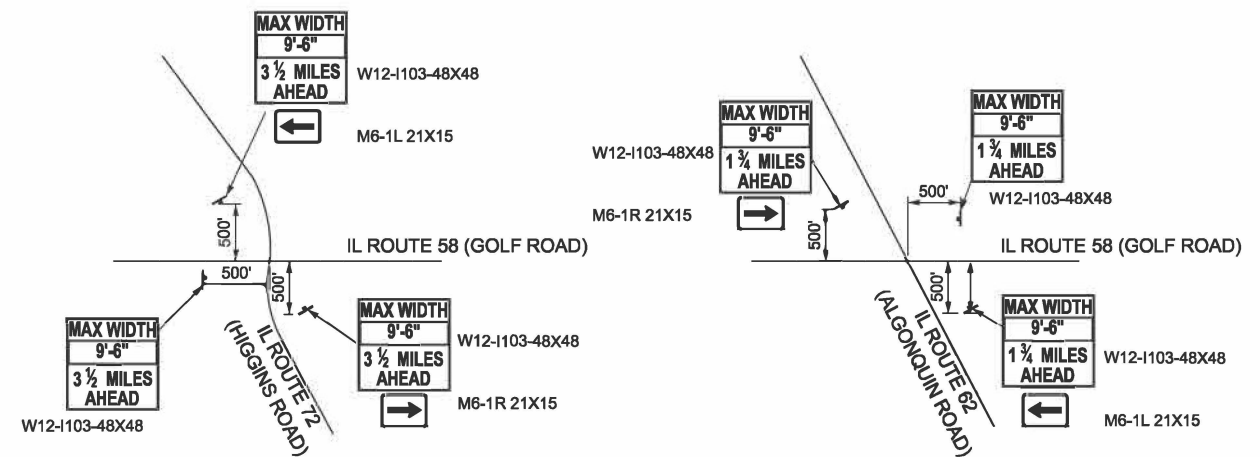
1. PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
2. PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF GOLF ROAD. CLOSE OUTSIDE TWO LANES AS SHOWN ON STAGING PLANS.
3. PROVIDE ONE 12' LEFT TURN LANE AND ONE 12' RIGHT TURN LANE ON THE EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE.
4. REMOVE EXISTING PAVEMENT ALONG GOLF ROAD.
5. CONSTRUCT THE PROPOSED PAVEMENT ALONG GOLF ROAD.

STAGE 3: (1 WEEKEND)

1. PLACE TEMPORARY TRAFFIC CONTROL AND SIGNING.
2. PROVIDE ONE 11' THROUGH LANE IN THE WESTBOUND & EASTBOUND DIRECTION OF GOLF ROAD. CLOSE OUTSIDE TWO LANES AS SHOWN ON STAGING PLANS.
3. PROVIDE ONE 12' LEFT TURN LANE AND ONE 12' RIGHT TURN LANE ON THE EAST FRONTAGE ROAD. CLOSE THE WEST TURN LANE.
4. REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ALONG GOLF ROAD.
5. CONSTRUCT THE PROPOSED PAVEMENT AND CURB AND GUTTER ALONG GOLF ROAD.

TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE PROVIDED FOR ALL STAGES OF CONSTRUCTION AT THE FOLLOWING SIGNALIZED INTERSECTIONS:

- IL ROUTE 58 AT MCCONNER PARKWAY
- IL ROUTE 58 AT E FRONTAGE ROAD
- IL ROUTE 58 AT MALL DR/EAST DR
- IL ROUTE 58 AT RING ROAD



ADVANCE MAX WIDTH RESTRICTION SIGNING

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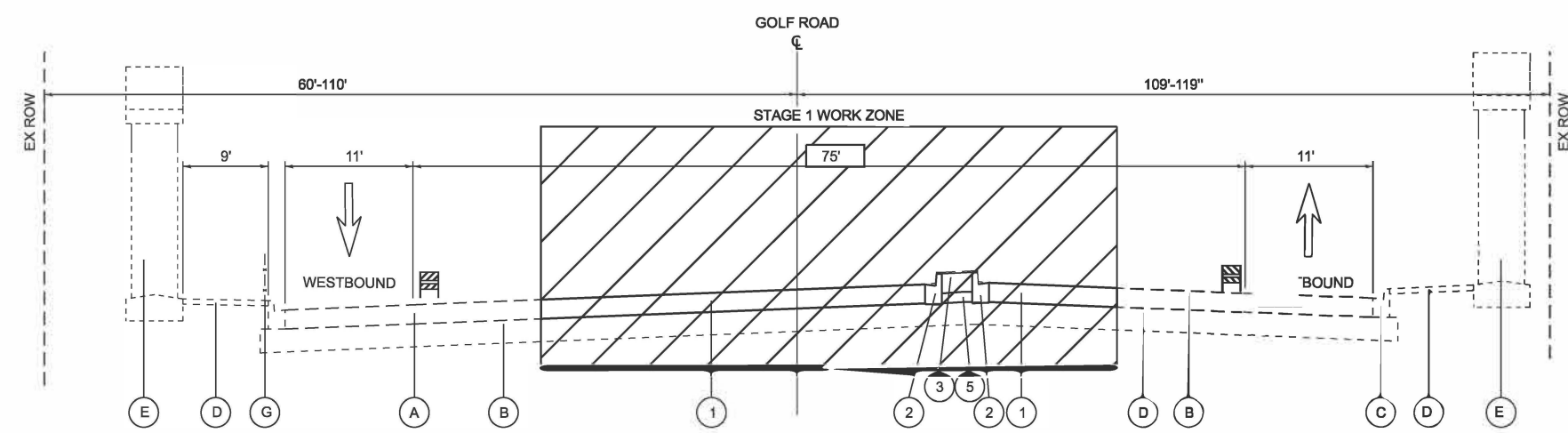
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PLOT DATE = 3/9/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NOTES
SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

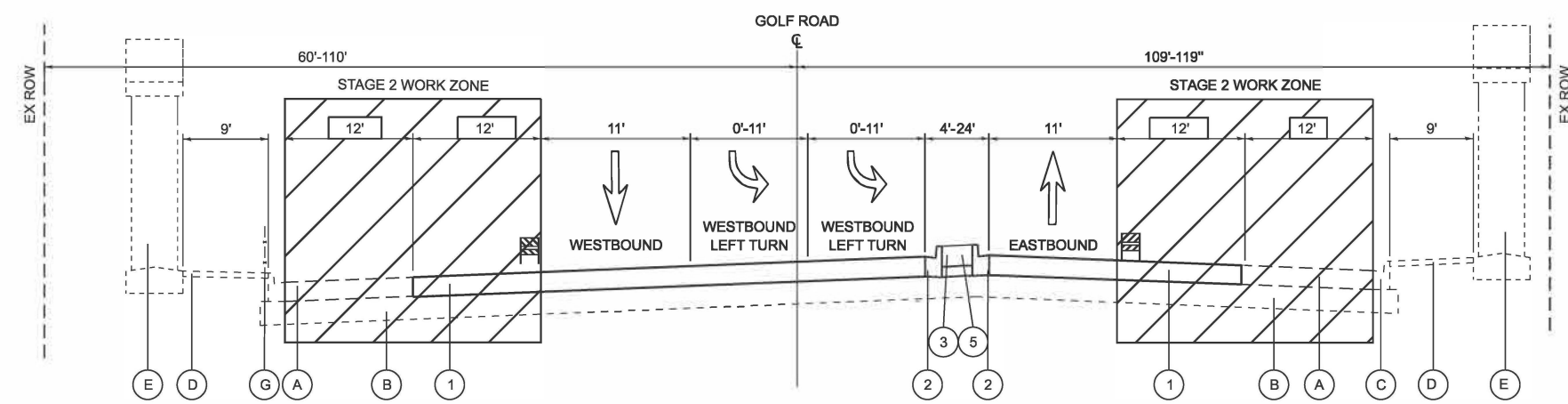
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2025-2000-RS	COOK	84	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

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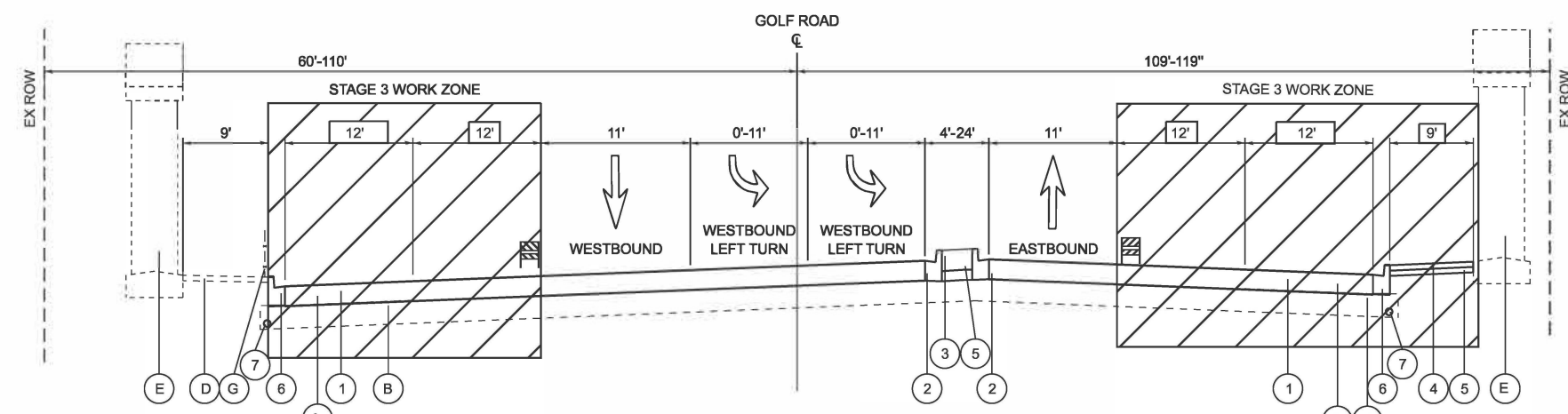
STAGE 1 - TYPICAL SECTION

IL ROUTE 58 (GOLF ROAD) - STA. 122+07.00 TO STA. 125+40.00



STAGE 2 - TYPICAL SECTION

IL ROUTE 58 (GOLF ROAD) - STA. 122+07.00 TO STA. 125+40.00



STAGE 3 - TYPICAL SECTION

IL ROUTE 58 (GOLF ROAD) - STA. 122+07.00 TO STA. 125+40.00

EXISTING LEGEND

- (A) EX. PAVEMENT (R)
- (B) EX. AGGREGATE SUBGRADE (R)
- (C) EX. COMB. CURB & GUTTER (R)
- (D) EX. PCC SIDEWALK (R)
- (E) EX. BRIDGE PIER
- (F) EX. MEDIAN (R)
- (G) REMOVING AND RE-ERECTING EXISTING RAILING

(R) = ITEMS TO BE REMOVED

PROPOSED LEGEND

- (1) HIGH-EARLY-STRENGTH PCC PAVEMENT, 10" (JOINTED)
- (2) COMB. CONC. CURB & GUTTER, TYPE B-6.12 (SPECIAL)
- (3) CONCRETE MEDIAN SURFACE, 4"
- (4) PCC SIDEWALK, 5"
- (5) AGGREGATE BASE COURSE, TYPE B 4"
- (6) COMB. CONC. CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (7) PIPE UNDERDRAINS, TYPE 2, 4"

- TYPE II BARRICADE OR DRUM
- WORK ZONE
- DIRECTION OF TRAFFIC



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	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 3/9/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

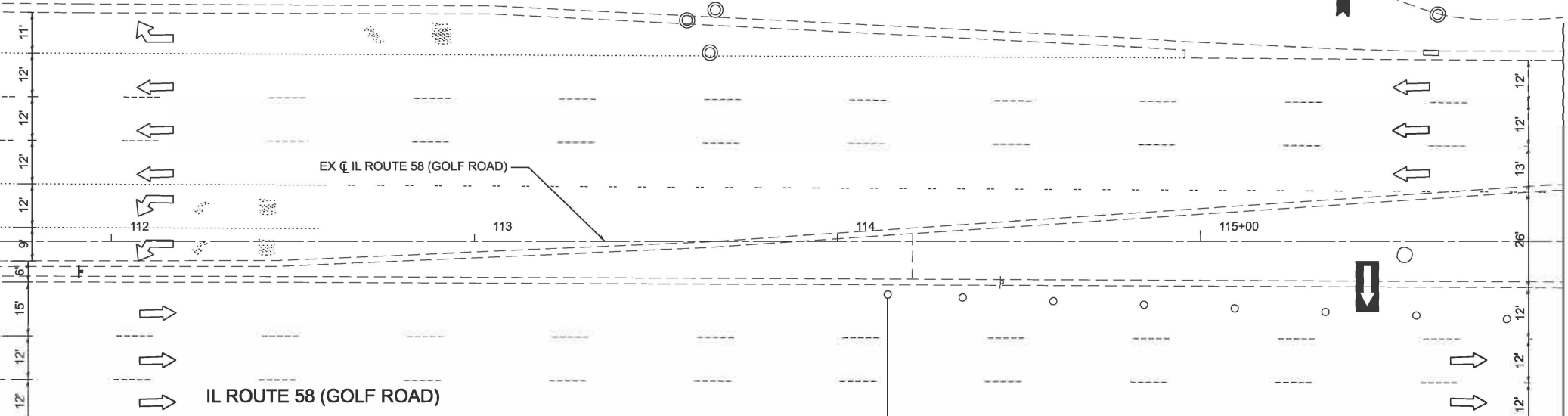
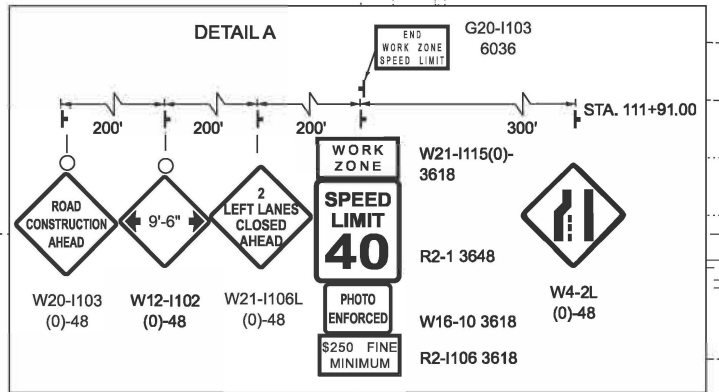
IL ROUTE 58 (GOLF ROAD) UNDER I-290
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2025-2000-RS	COOK	84	38
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	

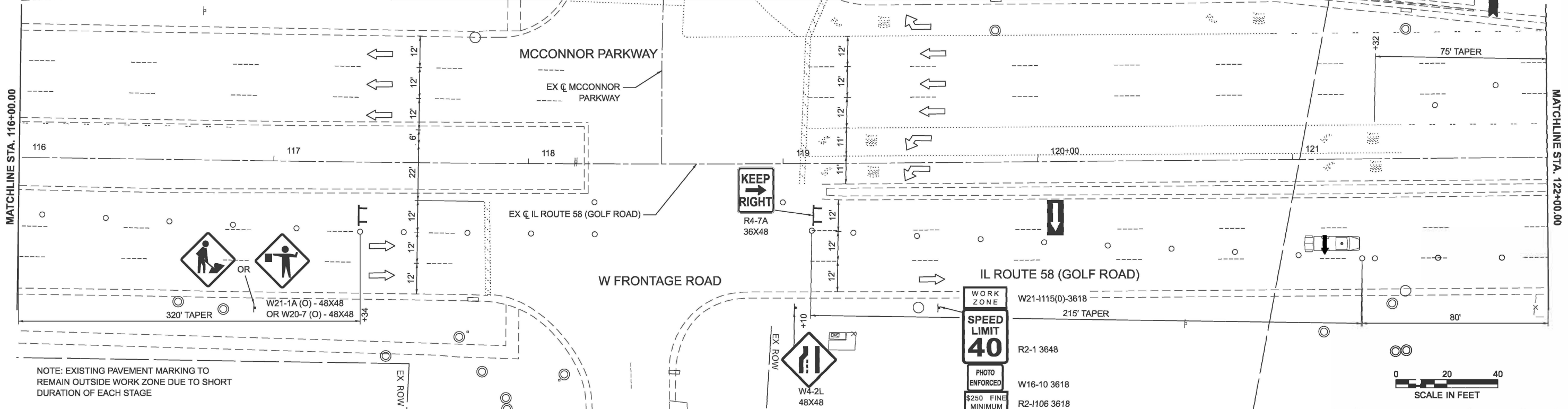
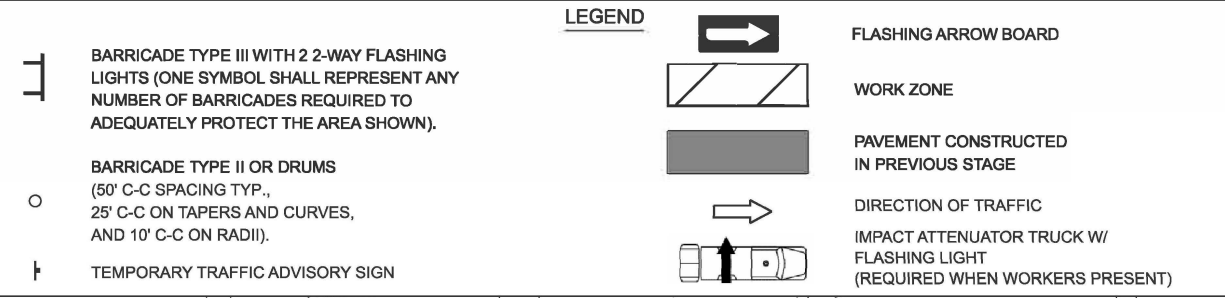
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EAST DRIVE



MALL DRIVE

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



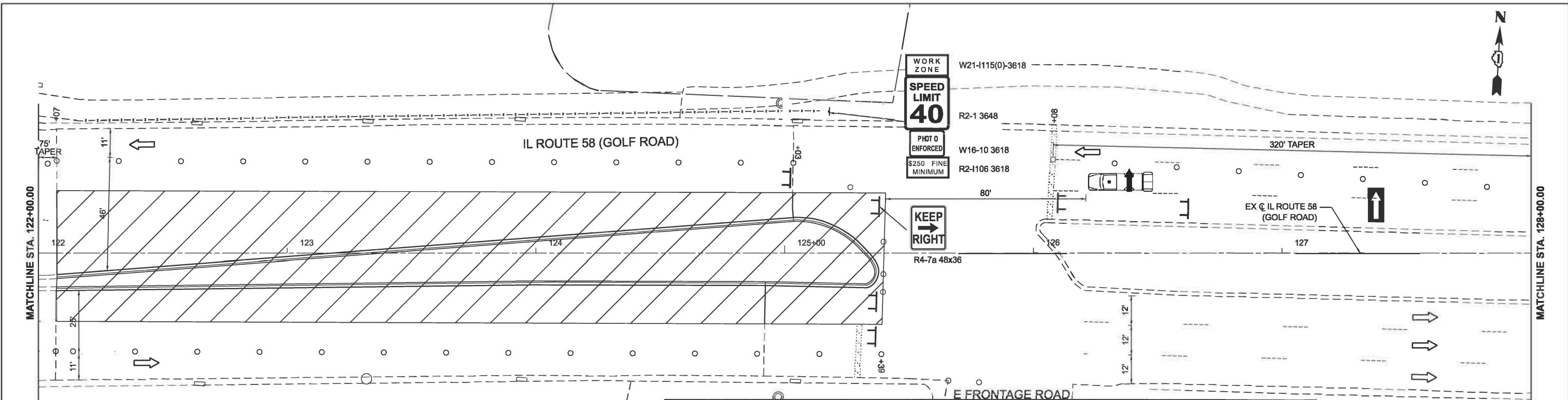
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PLOT DATE =	3/9/2026	DATE -	03/13/2026	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 1 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 110+00.00 TO STA. 122+00.00

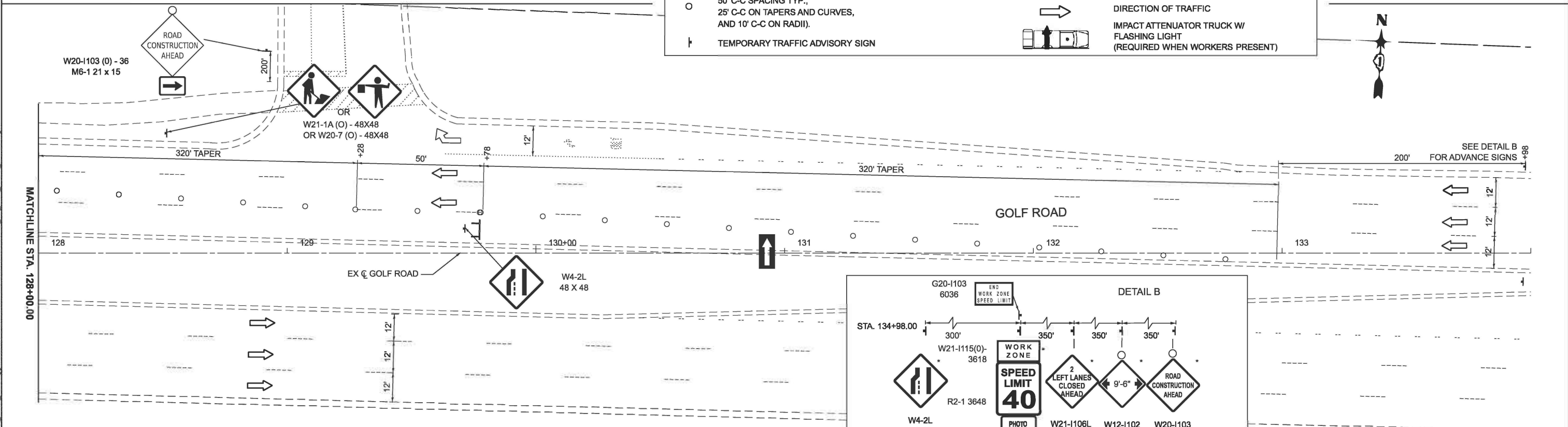
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559	2025-2000-RS	COOK	84	39
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	



NOTE:
 1. EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 2. CONTRACTOR IS TO PLACE TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING TRAFFIC PER DISTRICT 1 STANDARD TC-16.

LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS 50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

DETAIL B

* SIGN SHALL BE INSTALLED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY WHERE MEDIAN SPACE IS AVAILABLE.



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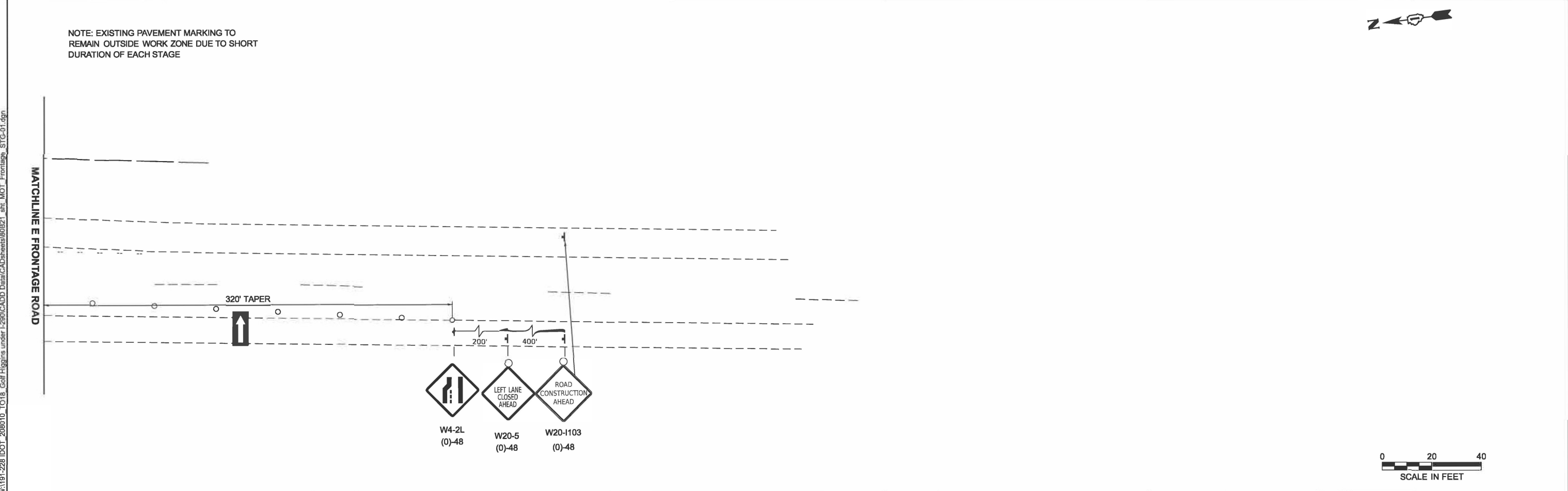
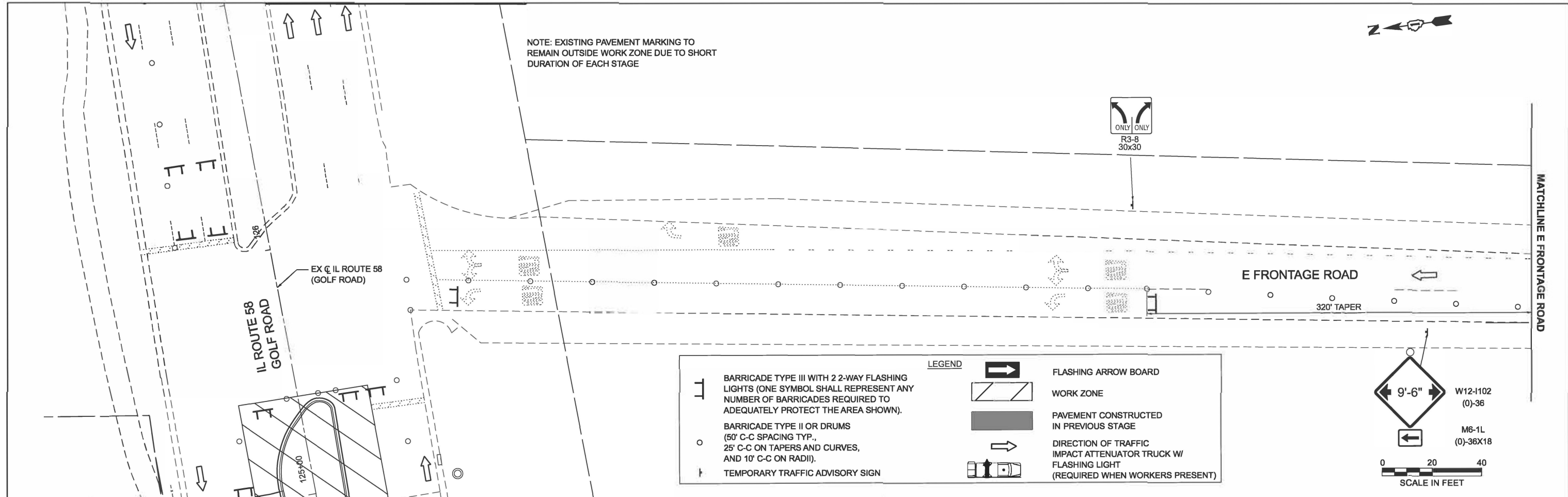
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
STAGE 1 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 122+00.00 TO STA. 134+00.00

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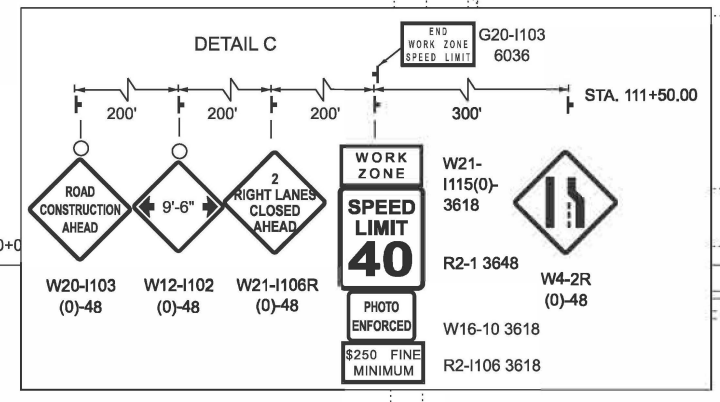
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 1 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 0+00.00 TO STA. 12+00.00

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

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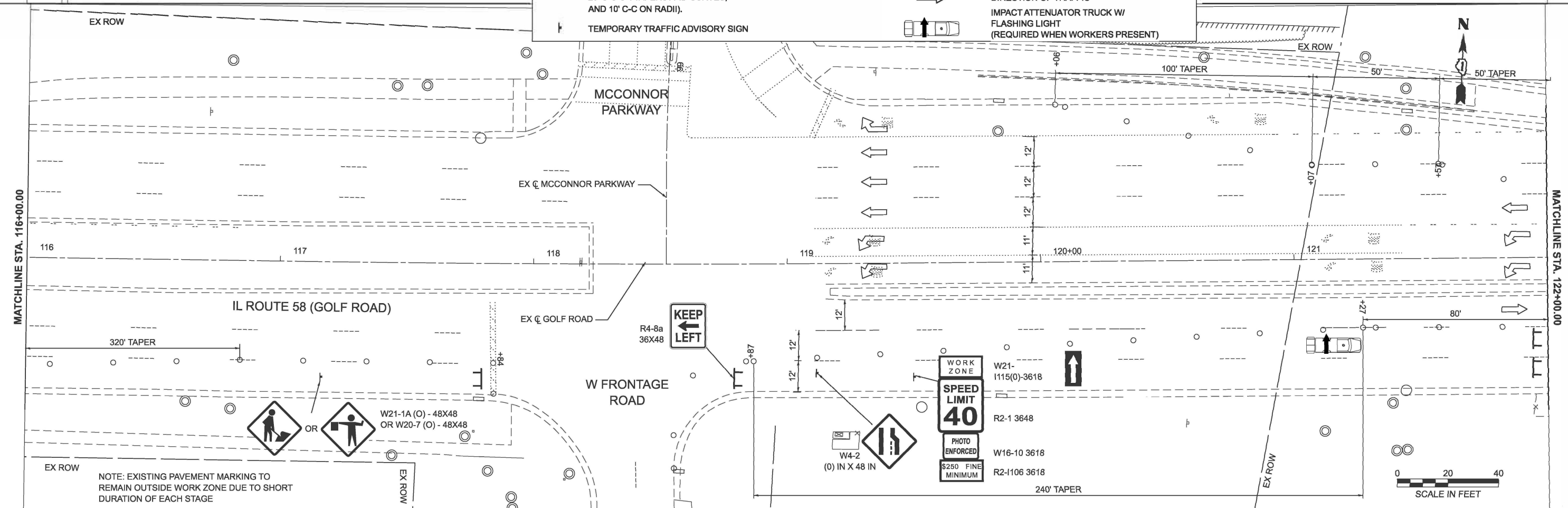


SEE DETAIL C FOR ADVANCE SIGNS

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



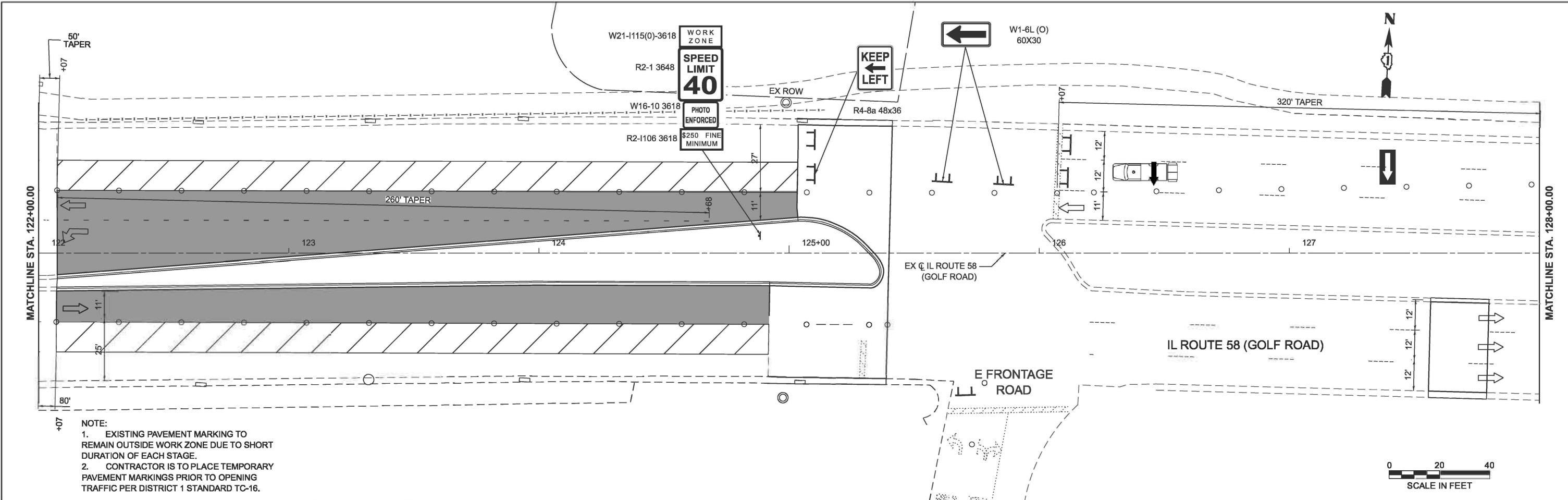
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PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

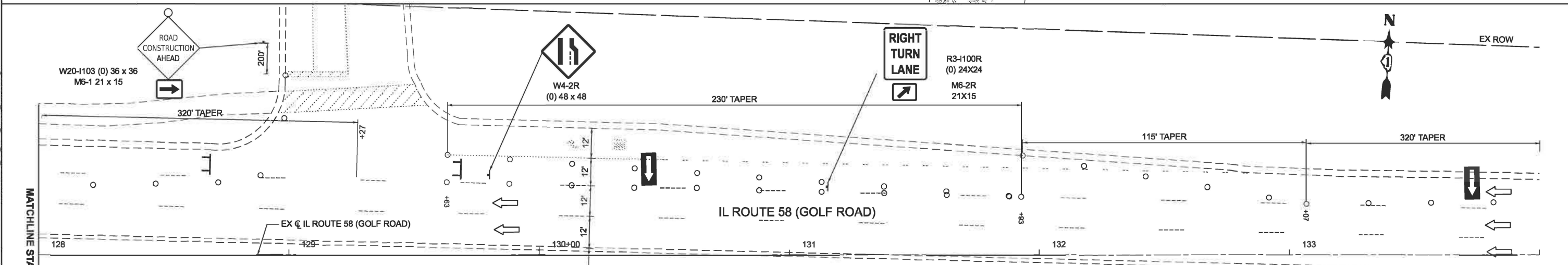
IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 2 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 110+00.00 TO STA. 122+00.00

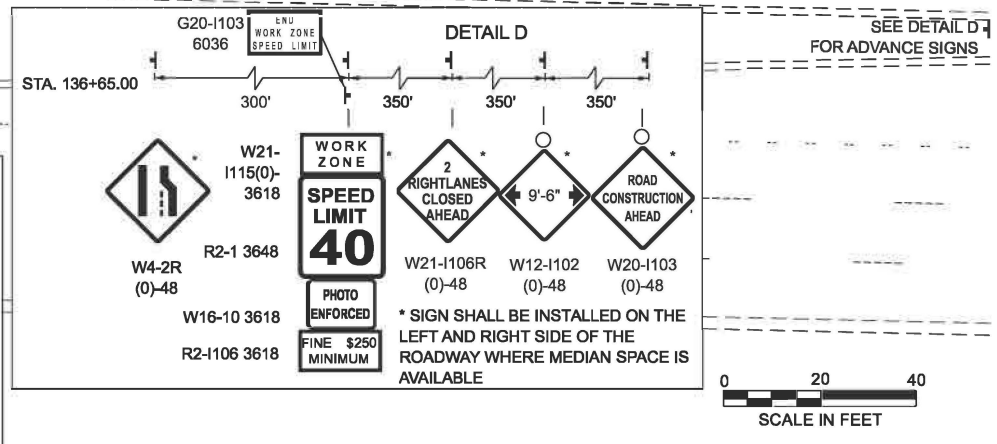


NOTE:
 1. EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 2. CONTRACTOR IS TO PLACE TEMPORARY PAVEMENT MARKINGS PRIOR TO OPENING TRAFFIC PER DISTRICT 1 STANDARD TC-16.



LEGEND

- BARRICADE TYPE III WITH 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS, (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WORKERS PRESENT)
- FLASHING ARROW BOARD



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

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USER NAME = malvarez	DESIGNED - MLA	REVISED -
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	CHECKED - GJE	REVISED -
PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

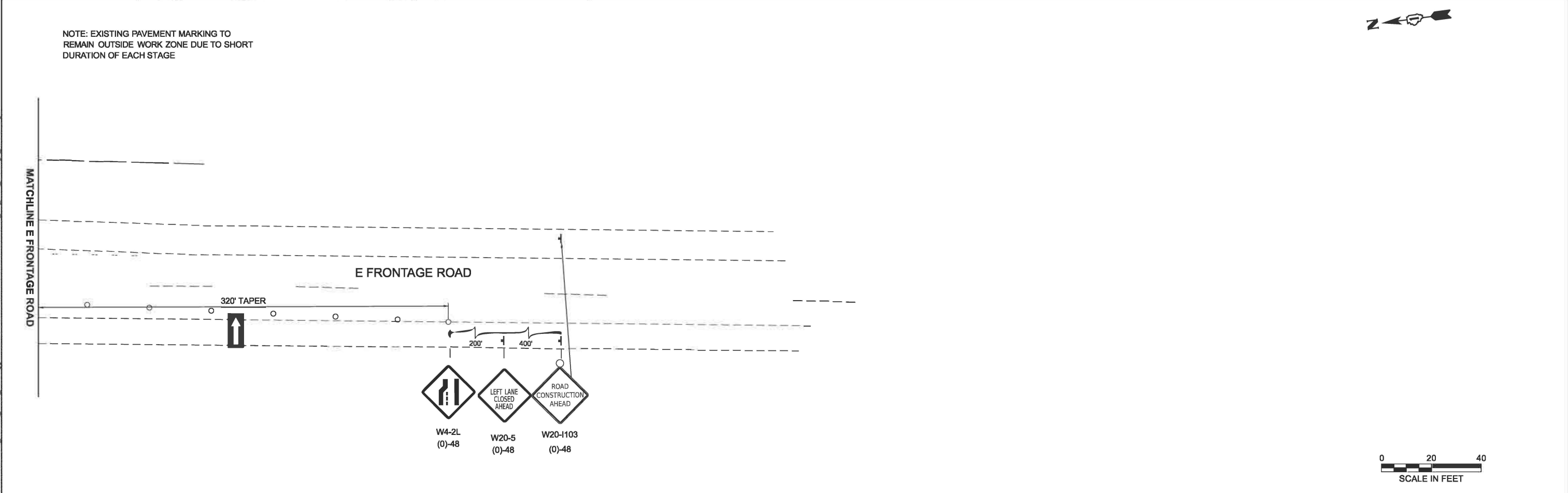
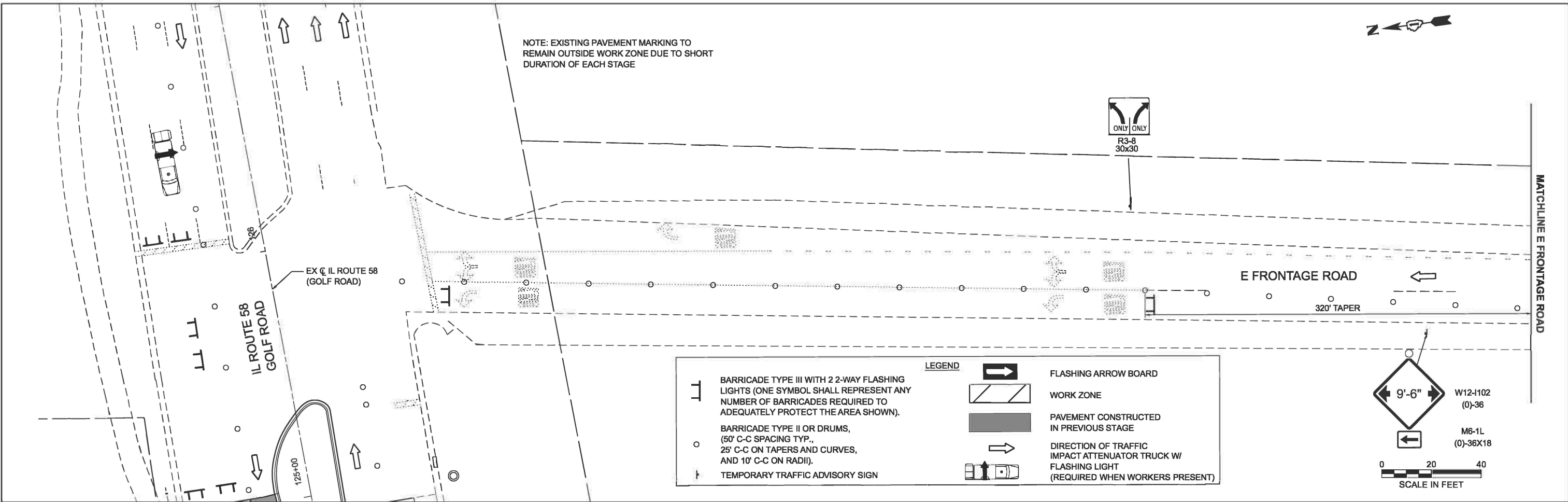
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 2 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 43
ILLINOIS			CONTRACT NO. 80B21	

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 122+00.00 TO STA. 134+00.00

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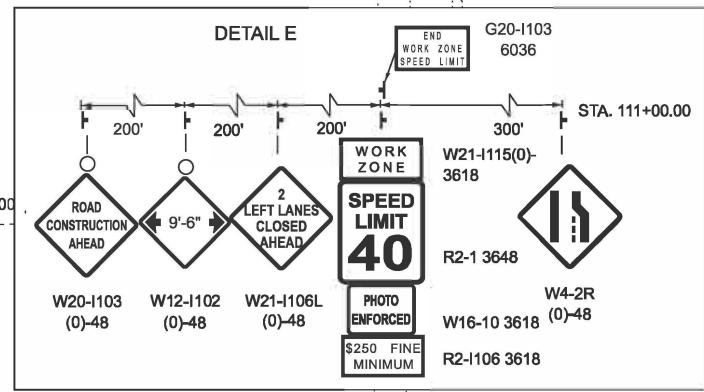
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PLOT DATE = 3/9/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 2 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 0+00.00 TO STA. 12+00.00

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	



IL ROUTE 58 (GOLF ROAD)

MATCHLINE STA. 116+00.00

SEE DETAIL E FOR ADVANCE SIGNS

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE

LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 1C-C ON RA ID).
- TEMP. ROAD TRAF. CONTROL VISIB. SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC IMPACT ATTENUATOR/TRUCK W/ FLASHING LIGHT (REQUIRED WHEN WIRES PRESENT)



IL ROUTE 58 (GOLF ROAD)

MCCONNOR PARKWAY

MATCHLINE STA. 122+00.00

MATCHLINE STA. 116+00.00

NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
STAGE 3 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2025-2000-RS	COOK	84	45
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

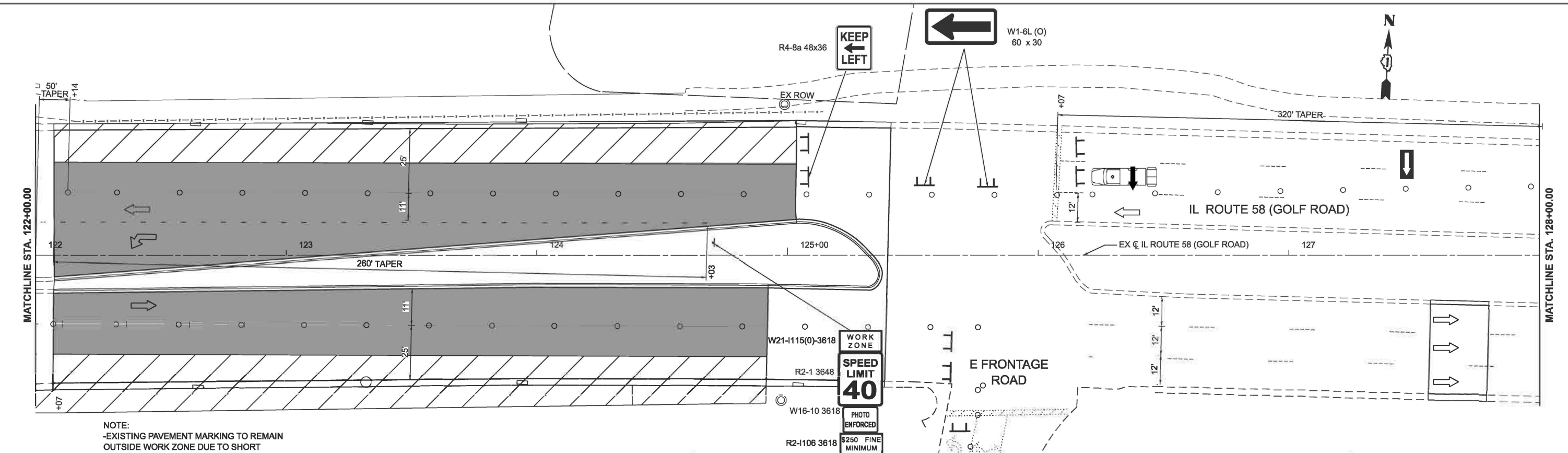
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	DRAWN -	REVISED -
	MLA	MLA
	CHECKED -	REVISED -
	GJE	GJE
PLOT DATE =	DATE -	REVISED -
3/11/2026	03/13/2026	

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 110+00.00 TO STA. 122+00.00

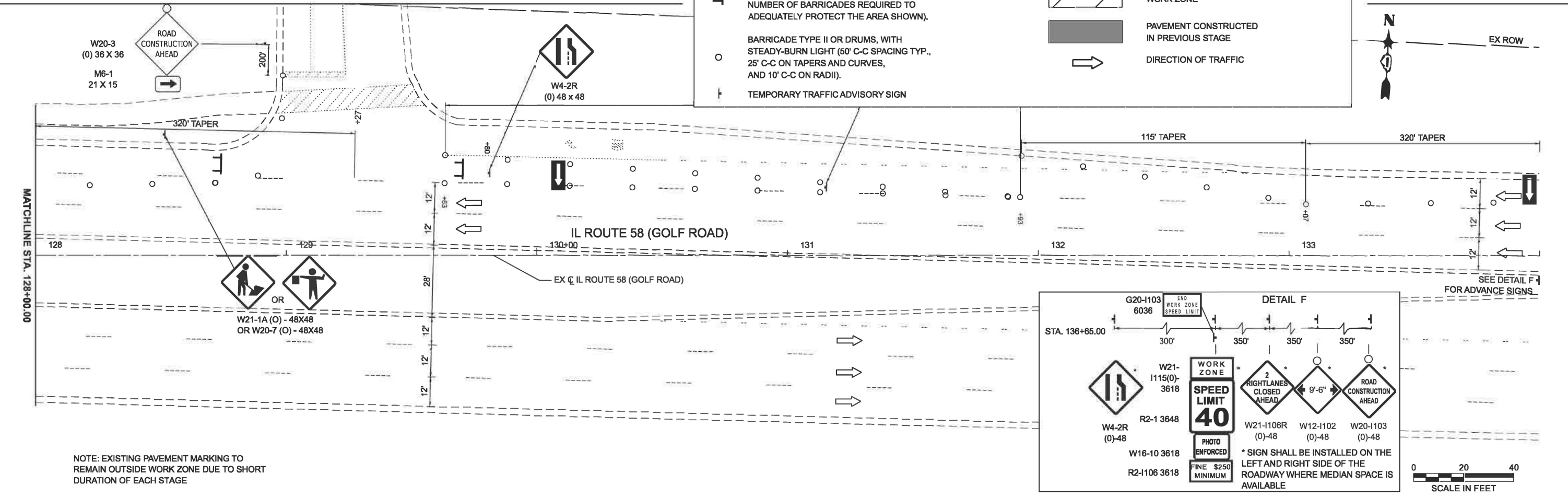
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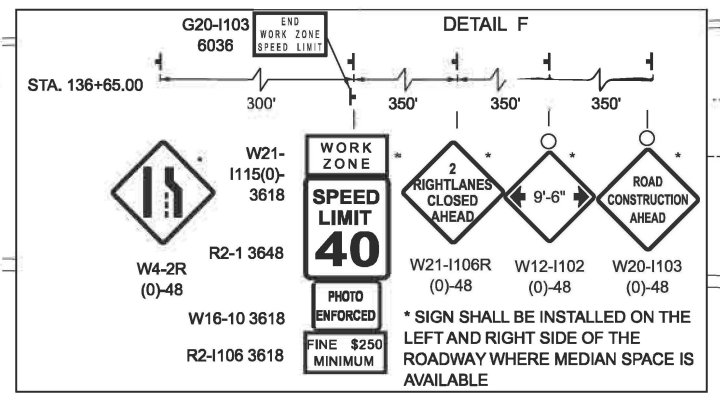
NOTE:
 -EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE.
 -RESURFACING TO BE COMPLETED UNDER DAILY LANE CLOSURES OR AT THE DIRECTION OF THE ENGINEER.

LEGEND

- BARRICADE TYPE III WITH 2 2-WAY FLASHING LIGHTS (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE II OR DRUMS, WITH STEADY-BURN LIGHT (50' C-C SPACING TYP., 25' C-C ON TAPERS AND CURVES, AND 10' C-C ON RADII).
- TEMPORARY TRAFFIC ADVISORY SIGN
- FLASHING ARROW BOARD
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC



NOTE: EXISTING PAVEMENT MARKING TO REMAIN OUTSIDE WORK ZONE DUE TO SHORT DURATION OF EACH STAGE



USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 3/11/2026	DATE - 03/13/2026	REVISED -

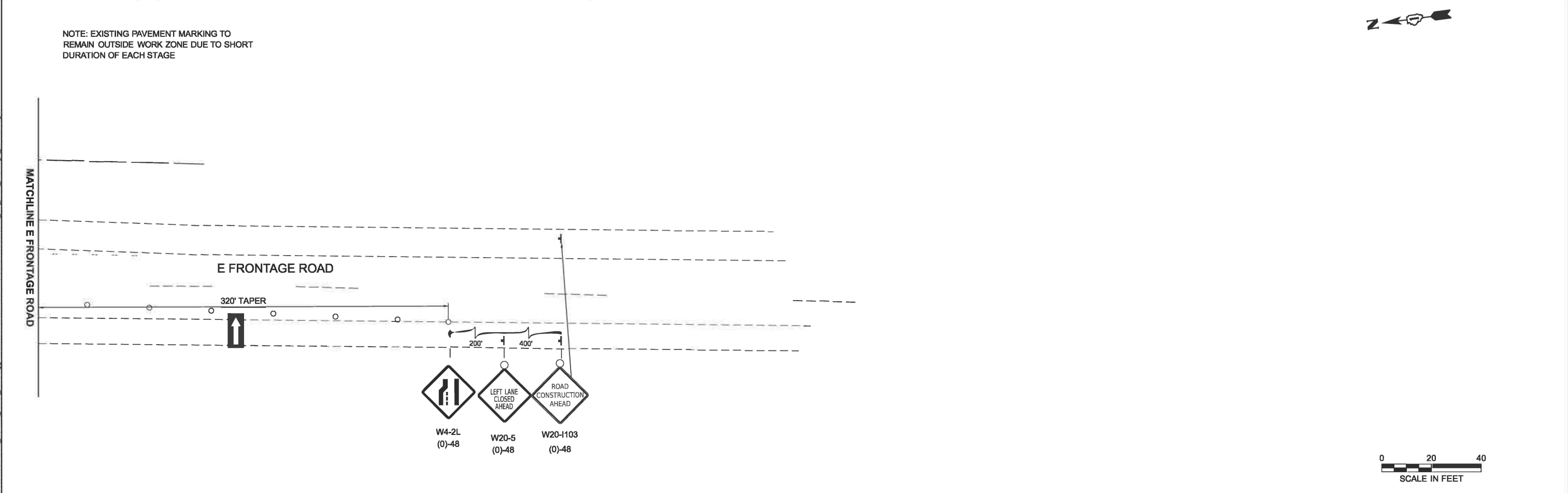
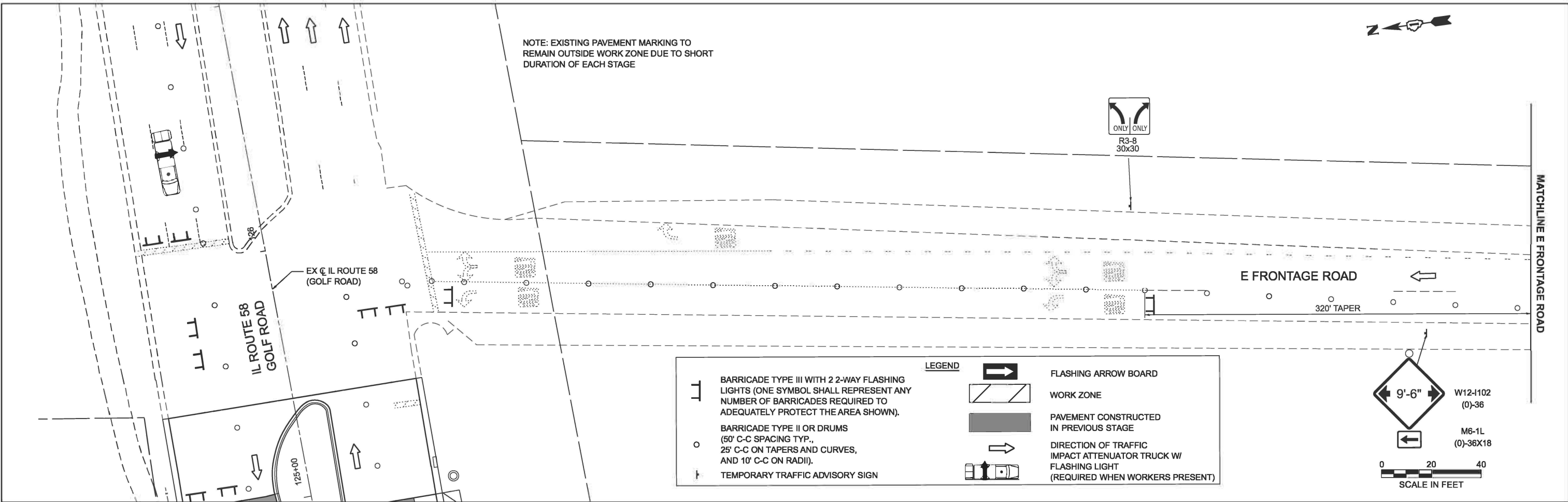
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 3 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 46
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 122+00.00 TO STA. 134+00.00

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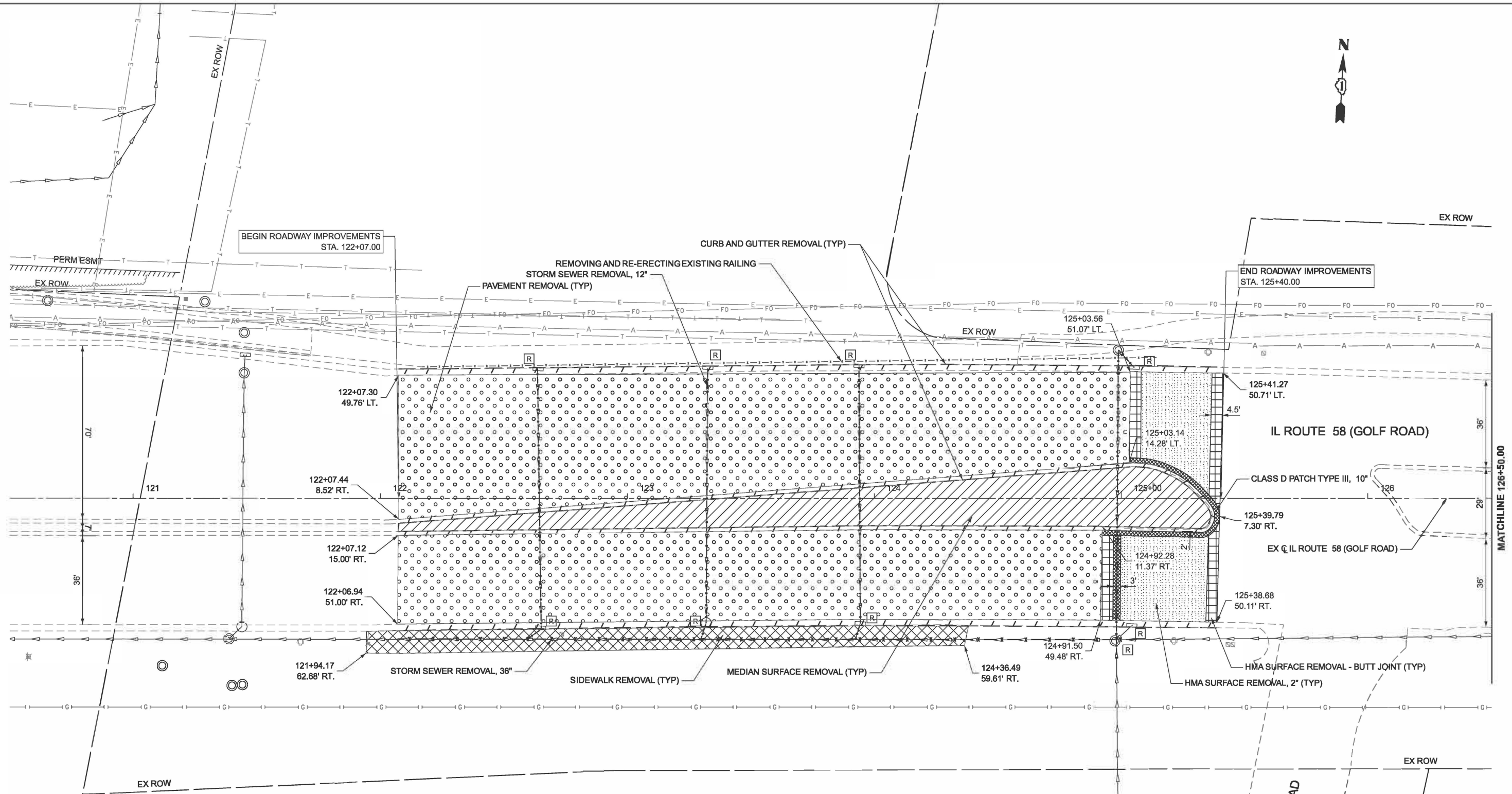
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	CHECKED - GJE	REVISED -
PLOT DATE = 3/10/2026	DATE - 03/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 STAGE 3 - SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 0+00.00 TO STA. 12+00.00

F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	



LEGEND	
	PAVEMENT REMOVAL
	MEDIAN REMOVAL
	HMA SURFACE REMOVAL, 2'
	COMBINATION CURB AND GUTTER REMOVAL
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL
	CLASS D PATCH TYPE III, 10"
	STORM SEWER REMOVAL, 12"
	STORM SEWER REMOVAL, 36"
	REMOVE STORM STRUCTURE

NOTE:
REMOVING AND RE-ERECTING
EXISTING RAILING SHALL BE DONE AS
NEEDED BY THE DIRECTION OF THE
ENGINEER.



MODEL: EX_GOLF - Plan 1 (Sheet)
FILE NAME: W:\191-228\DOT_208010_TO18_Golf Higgins under I-290\CADD Data\CADD Sheets\80B21_sht_removal_golf.dgn



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PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

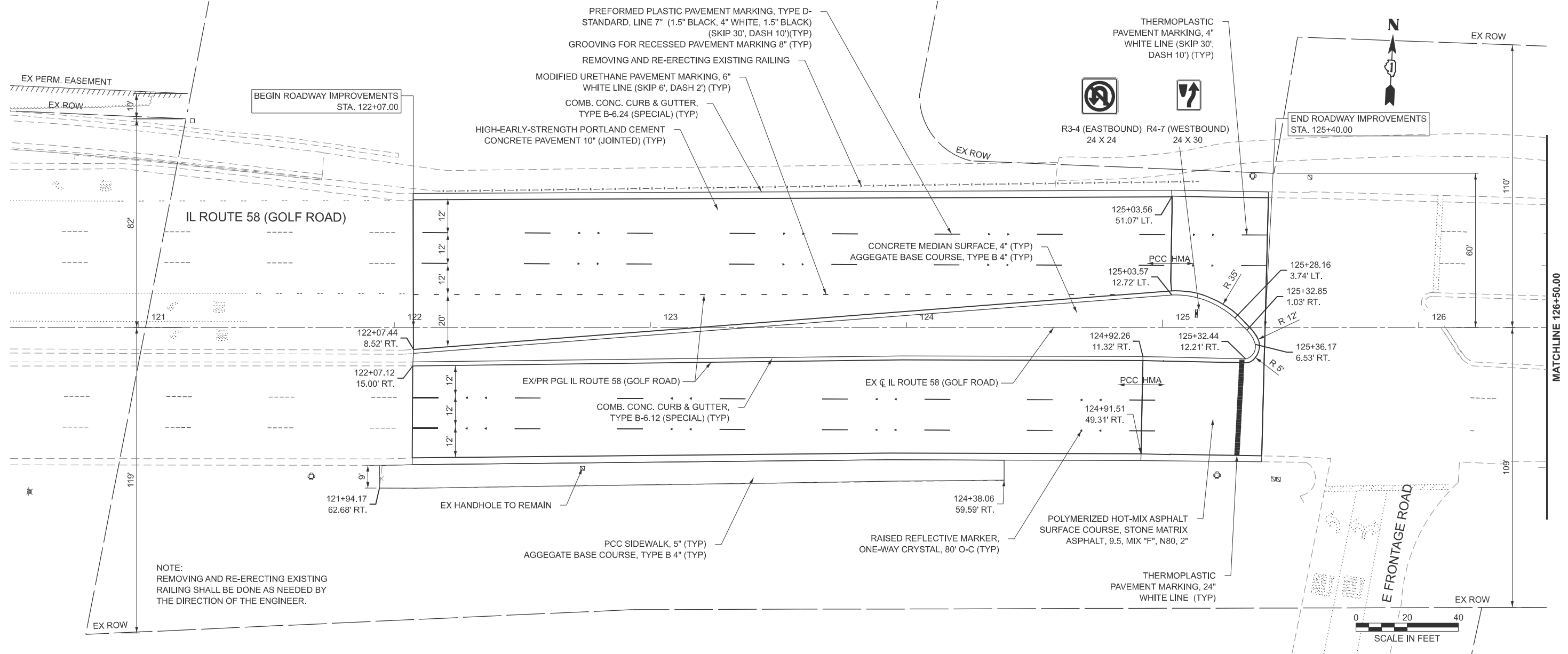
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
REMOVAL PLAN

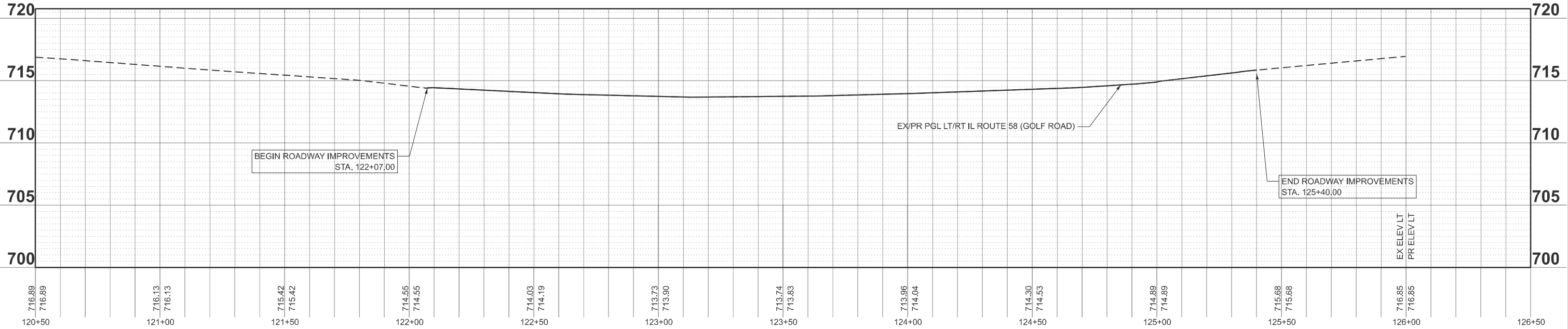
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F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 48
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

MODEL: EX_GOLF_Plan_1(Sheet)
 FILE NAME: \\191-228\DOT_208010_1018_Golf Higgins under I-290\CADD Data\CADD Sheets\80B21_sht_ppp_golf.dgn



NOTE:
 REMOVING AND RE-ERECTING EXISTING
 RAILING SHALL BE DONE AS NEEDED BY
 THE DIRECTION OF THE ENGINEER.



716.89 716.89	716.13 716.13	715.42 715.42	714.55 714.55	714.03 714.19	713.73 713.90	713.74 713.83	713.96 714.04	714.30 714.53	714.89 714.89	715.68 715.68	716.85 716.85	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00	125+50	126+00	126+50
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USER NAME = malvarez	DESIGNED - MLA	REVISED -
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PLOT DATE = 3/9/2026	DATE - 03/13/2026	REVISED -

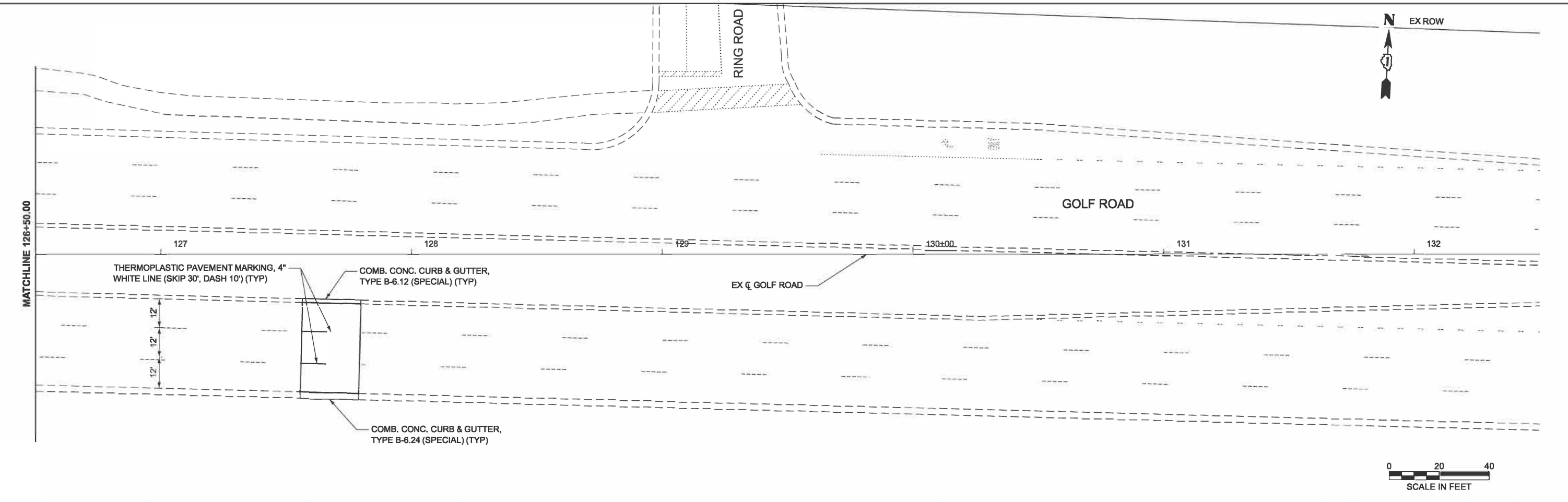
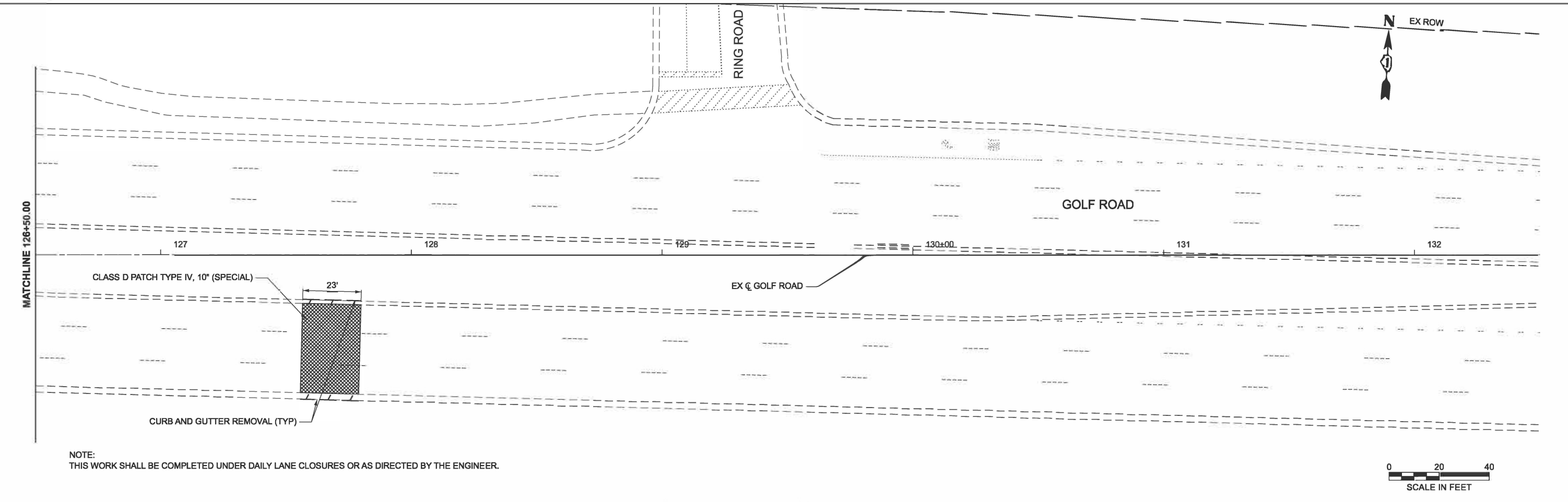
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 PLAN AND PROFILE

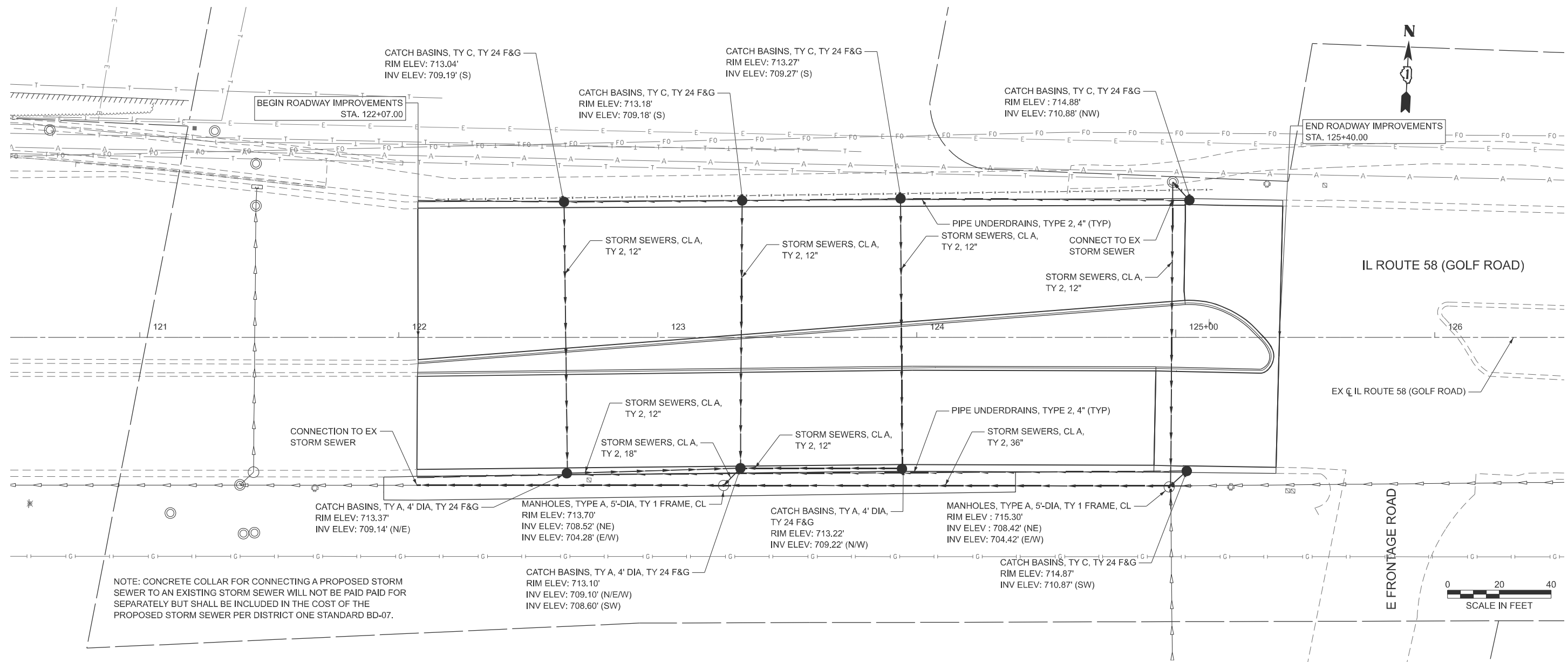
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F.A.P. RTE. 559	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 49
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	

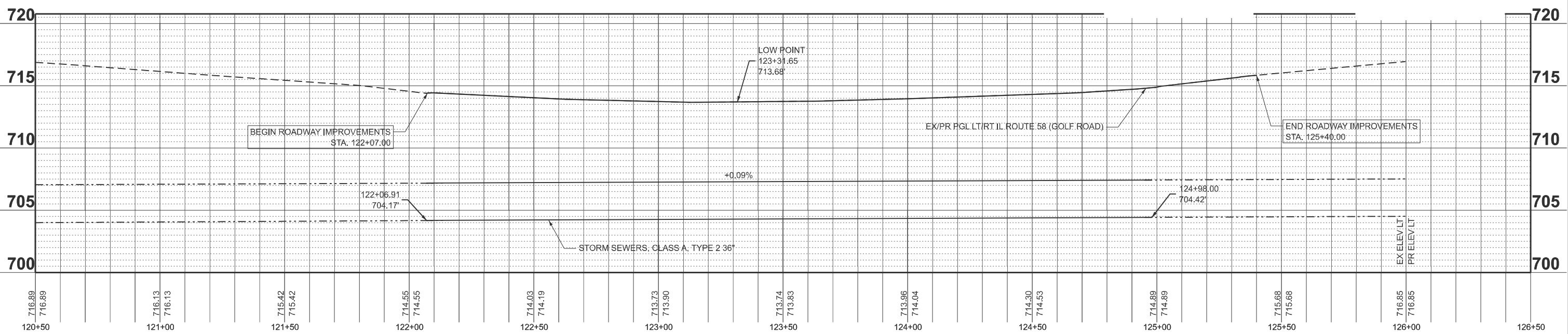
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	USER NAME = malvarez	DESIGNED - MLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 58 (GOLF ROAD) UNDER I-290 PLAN AND PROFILE			F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 50
		DRAWN - MLA	REVISED -		SCALE: 1"=20'	SHEET 2	OF 2 SHEETS	STA. 126+50.00	TO STA. 132+50.00	CONTRACT NO. 80B21		
	CHECKED - GJE	REVISED -			ILLINOIS FED. AID PROJECT							
	DATE = 01/13/2026	DATE = 01/13/2026	REVISED -									



NOTE: CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER PER DISTRICT ONE STANDARD BD-07.



MODEL: EX_GOLF - Plan_1 (Sheet)
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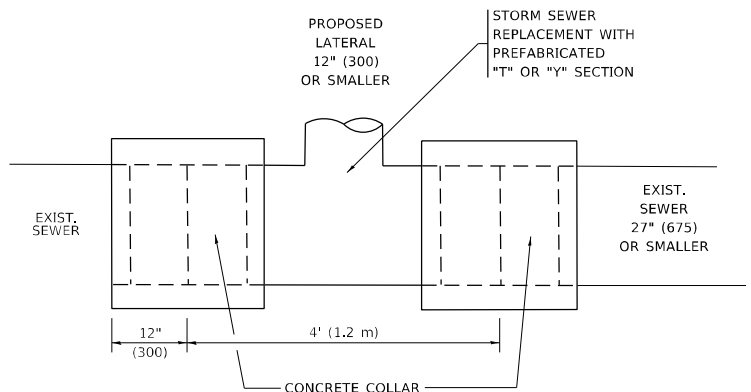
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PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 58 (GOLF ROAD) UNDER I-290
GOLF ROAD - DRAINAGE PLAN AND PROFILE**

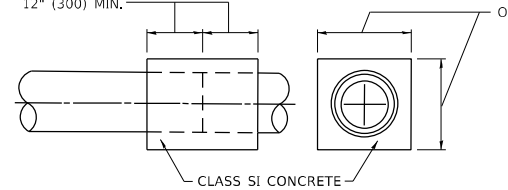
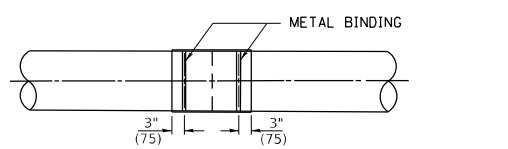
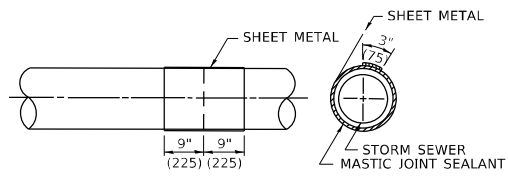
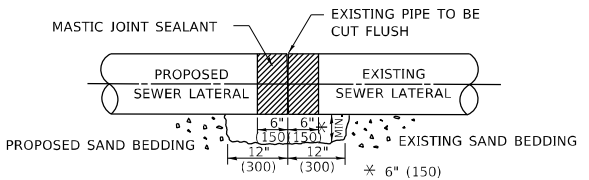
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F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 51
CONTRACT NO. 80B21			ILLINOIS FED. AID PROJECT	



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

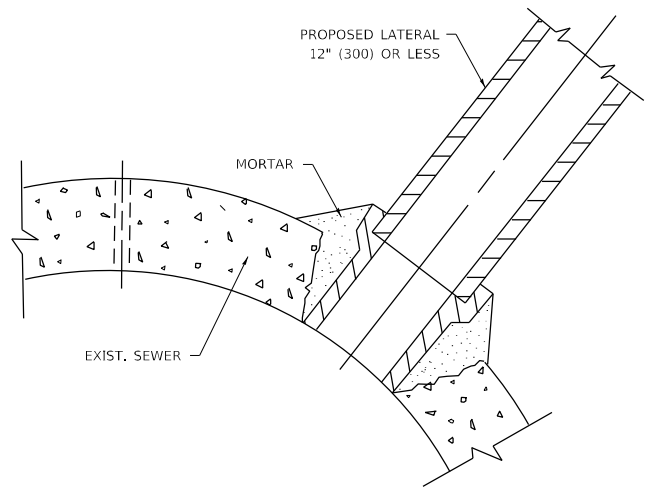


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

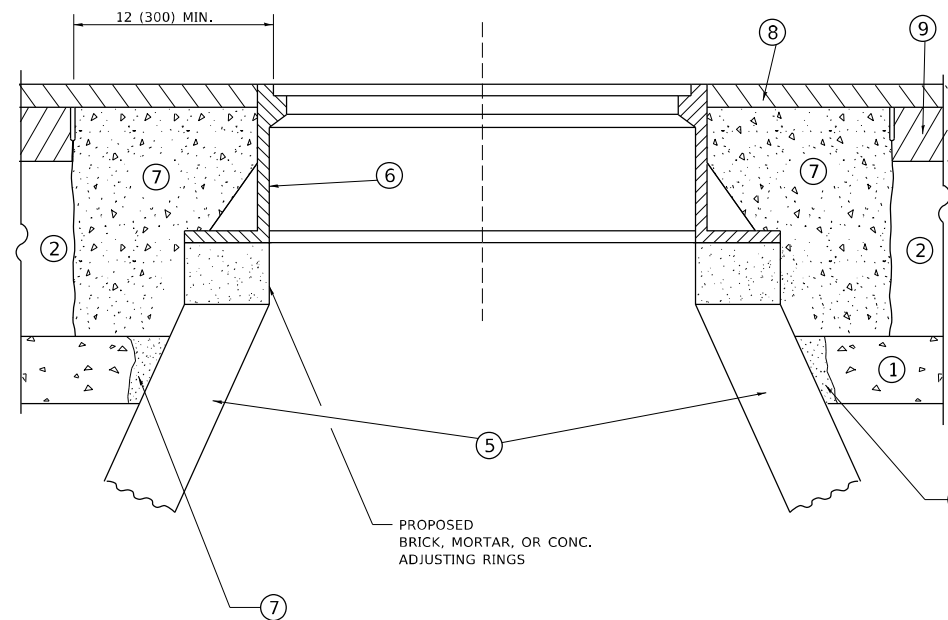
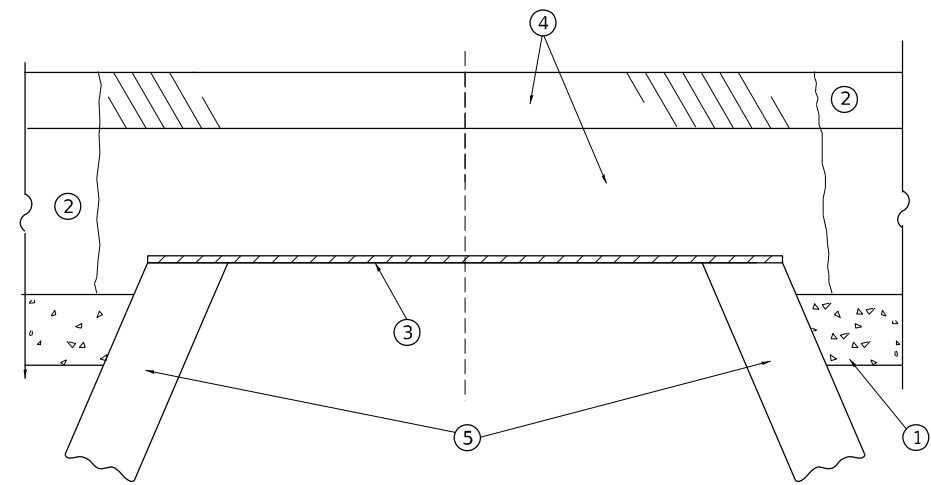
BASIS OF PAYMENT

- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default FILE: 341-2025-2000-RS-01-01-01.dwg PROJECT: 341-2025-2000-RS-01-01-01.dwg

USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER		F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 52
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. SHAH 10-25-94		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-07)		CONTRACT NO. 80B21	
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - R. SHAH 06-12-96						ILLINOIS		FED. AID PROJECT
		REVISED - K. SMITH 11-18-22								



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

1. 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 IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

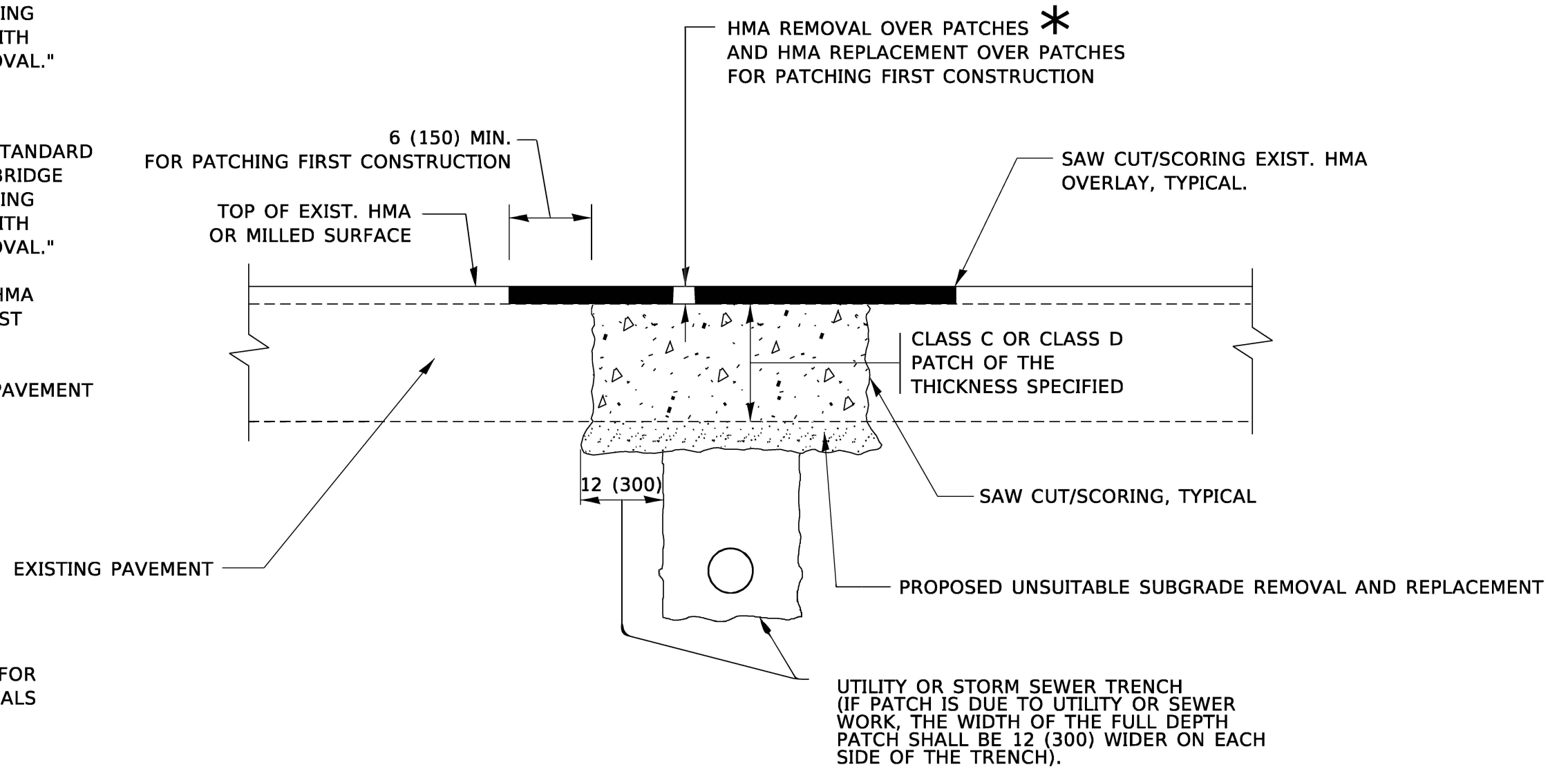
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	53
BD600-03 (BD-08)		CONTRACT NO. 80B21		
ILLINOIS		FED. AID PROJECT		

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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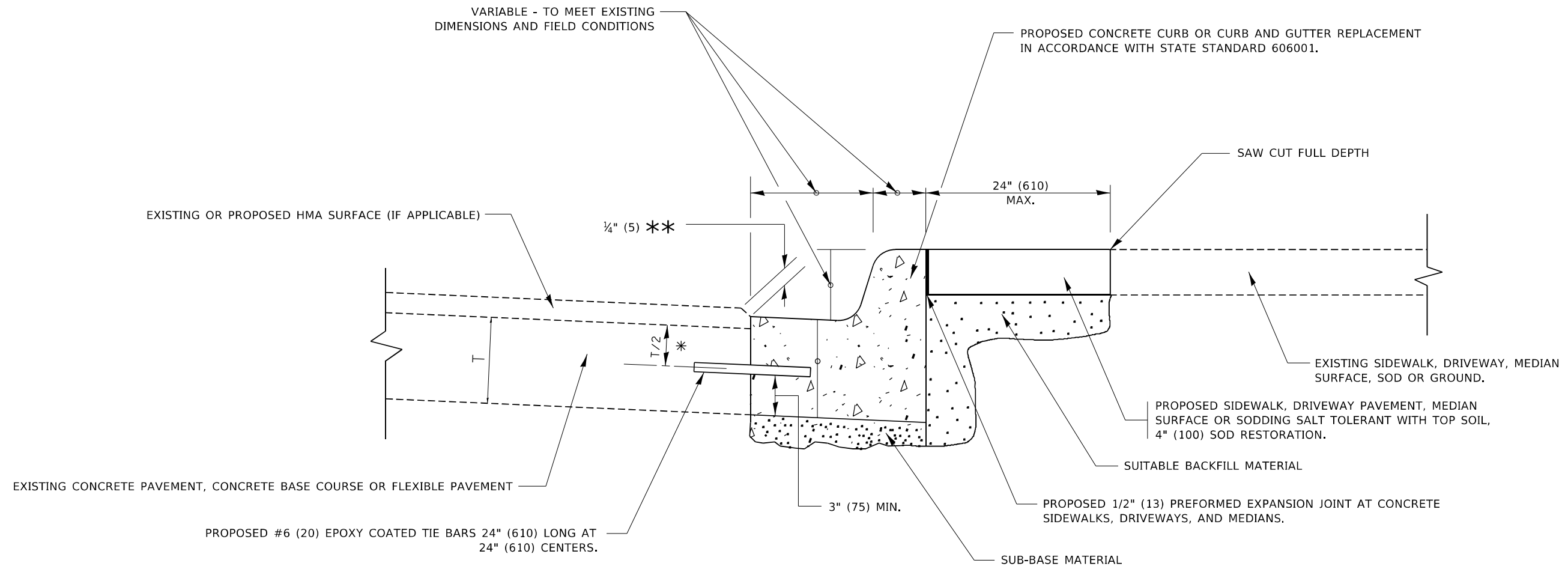
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	DRAWN -	REVISED - R. BORO 09-04-07
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PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11/18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	54
BD400-04 (BD-22)			CONTRACT NO. 80B21	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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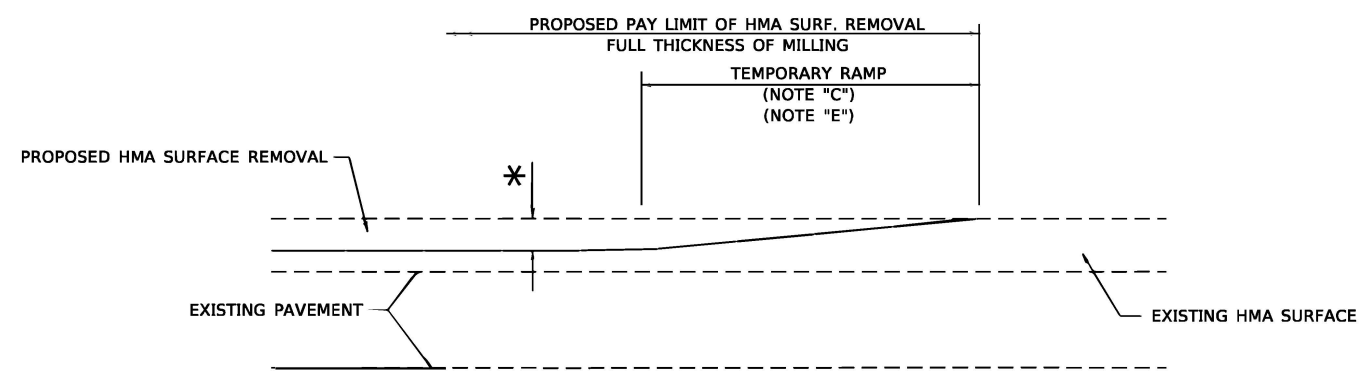
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

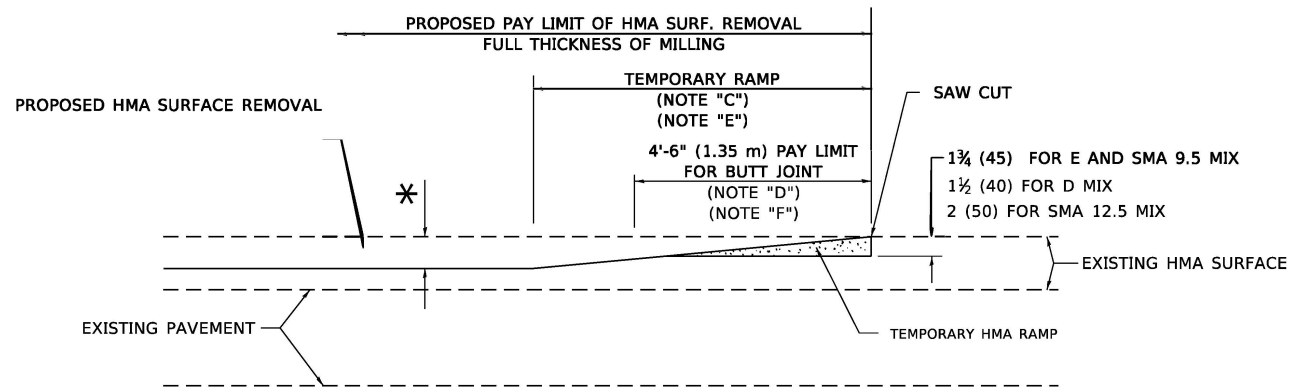
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F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	55
BD600-06 (BD-24)				
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

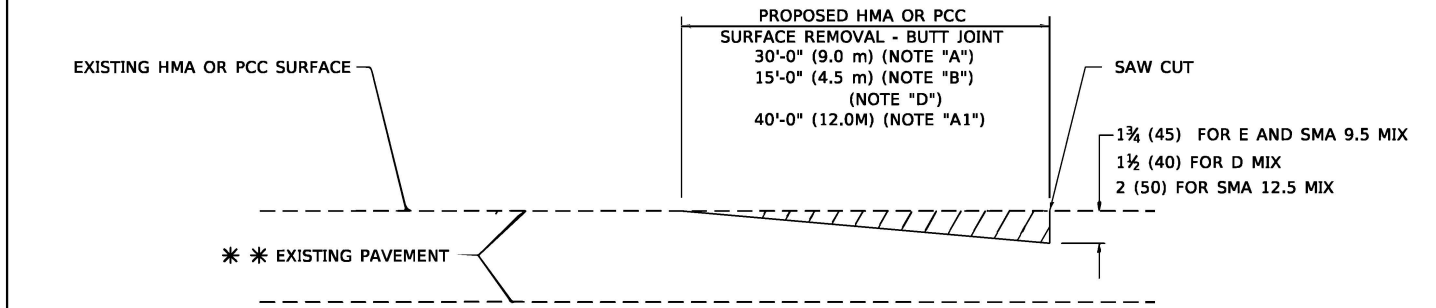
OPTION 1



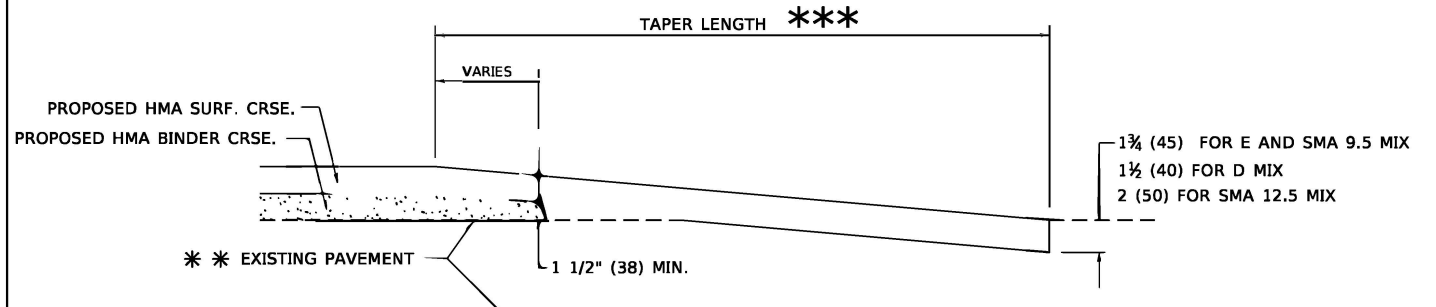
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

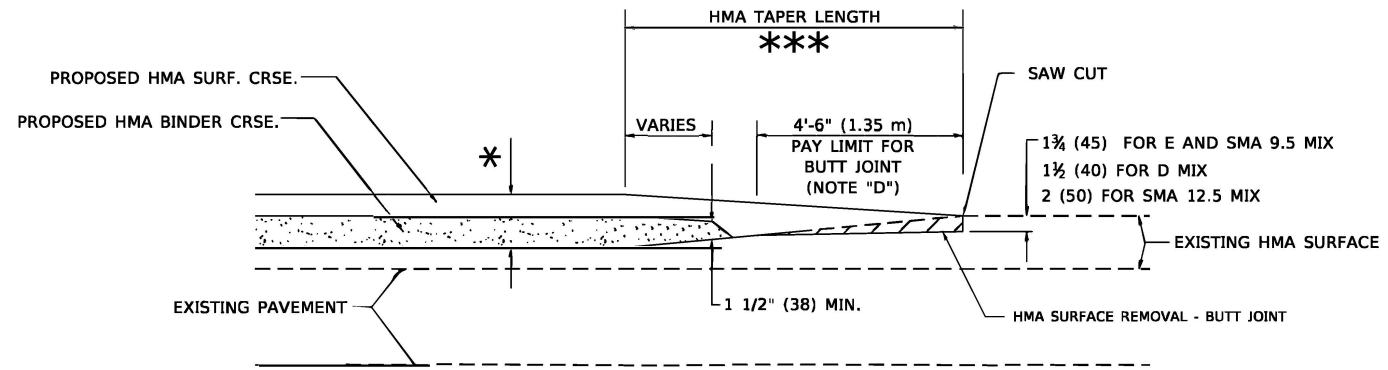
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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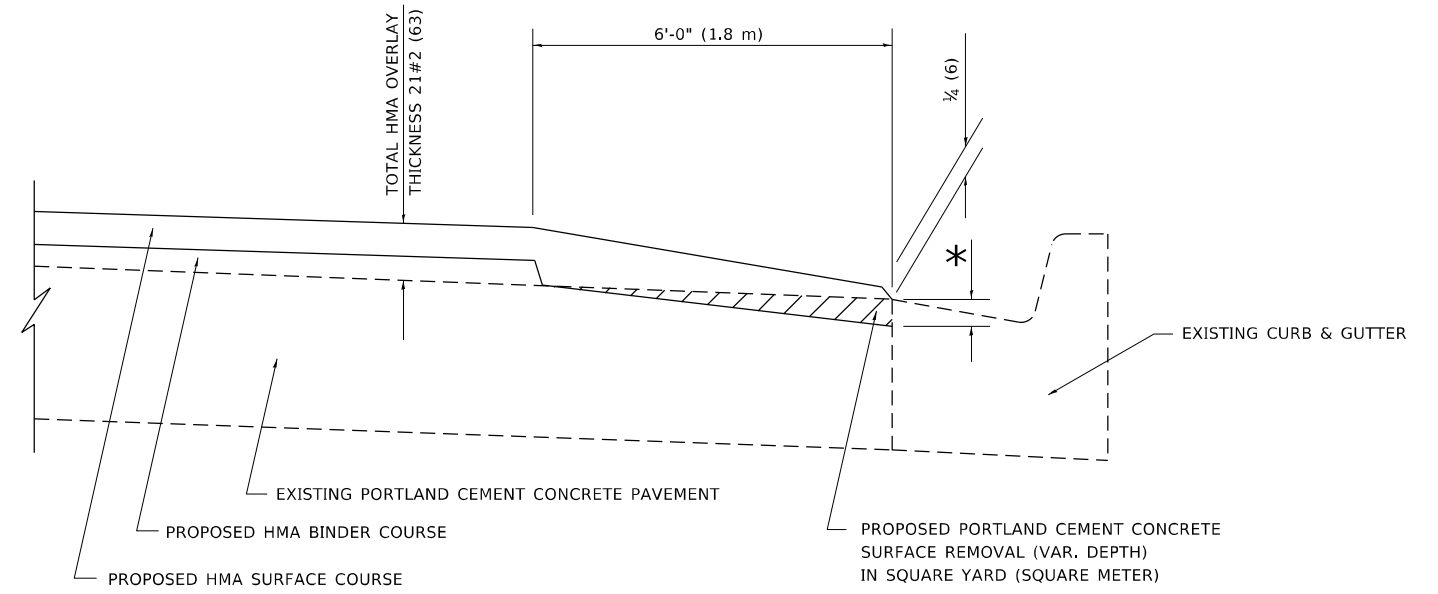
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	56
BD400-05 BD-32		CONTRACT NO. 80B21		
ILLINOIS FED. AID PROJECT				

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**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE COURSE	HMA BINDER COURSE	MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
		D	1½ (38)	1 (25)	1¼ (33)
		E OR SMA 9.5	1¾ (44)	¾ (19)	1½ (38)

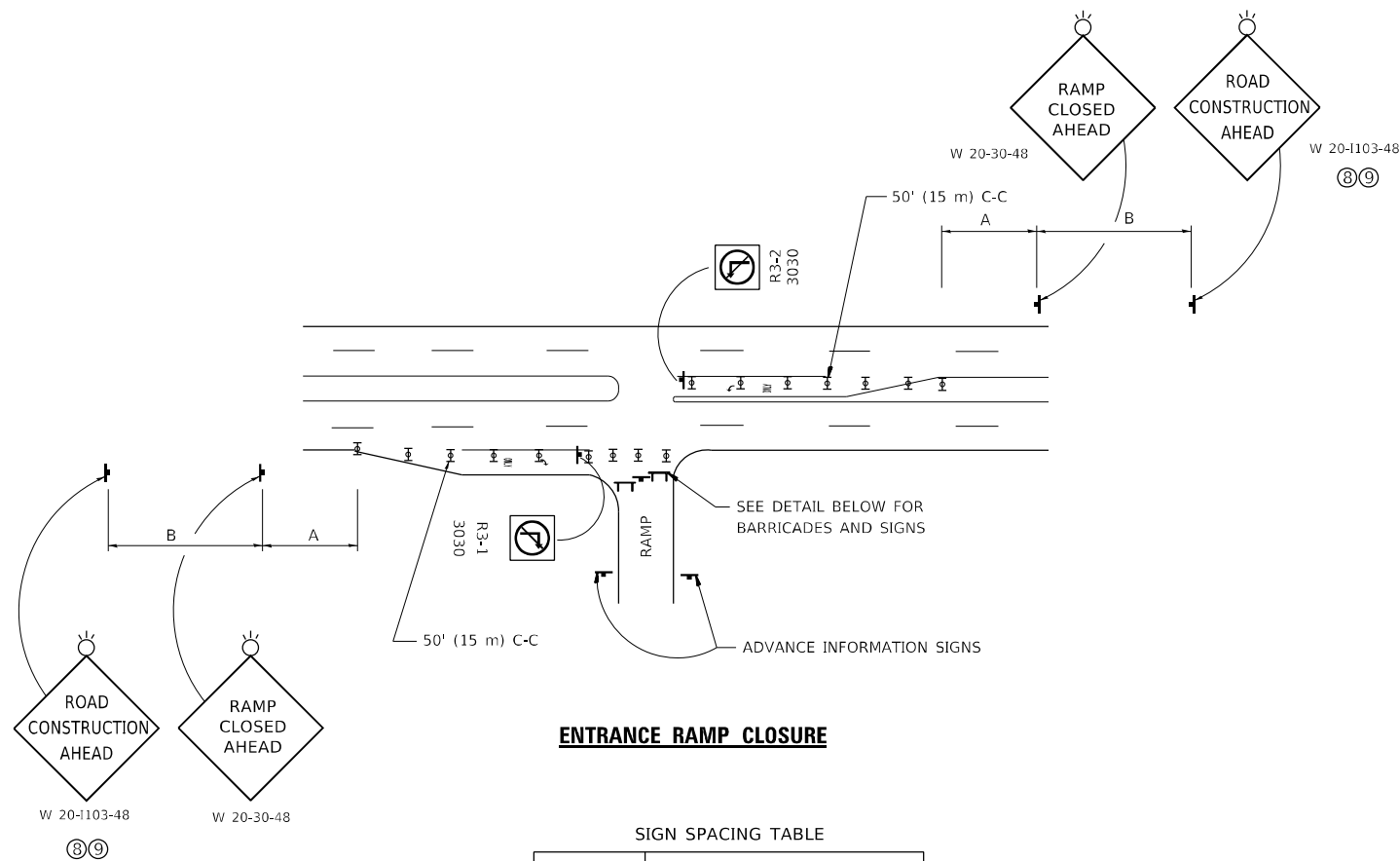
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	DRAWN - JIS	REVISED - R. BORO 01-01-07
PLOT SCALE = 100,0000' / in.	CHECKED - A. ABBAS	REVISED - JP CHANG 07-08-16
PLOT DATE = 11/18/2022	DATE - 09-10-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C. PAVEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD400-06	BD-33	CONTRACT NO. 80B21		
ILLINOIS FED. AID PROJECT				

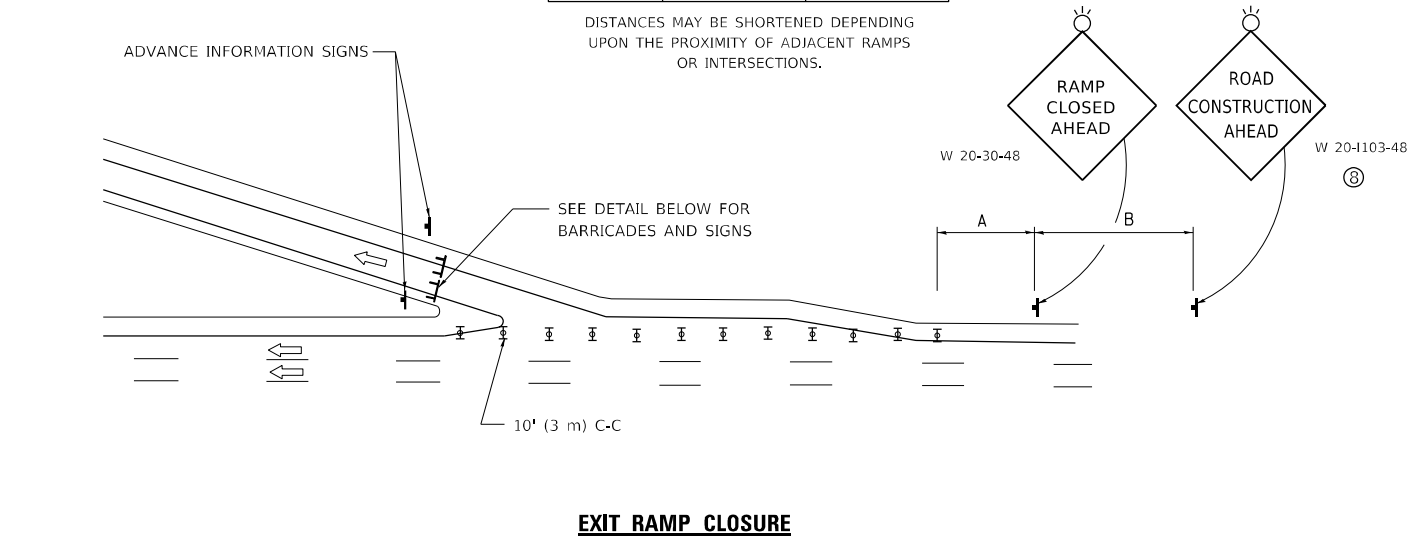


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

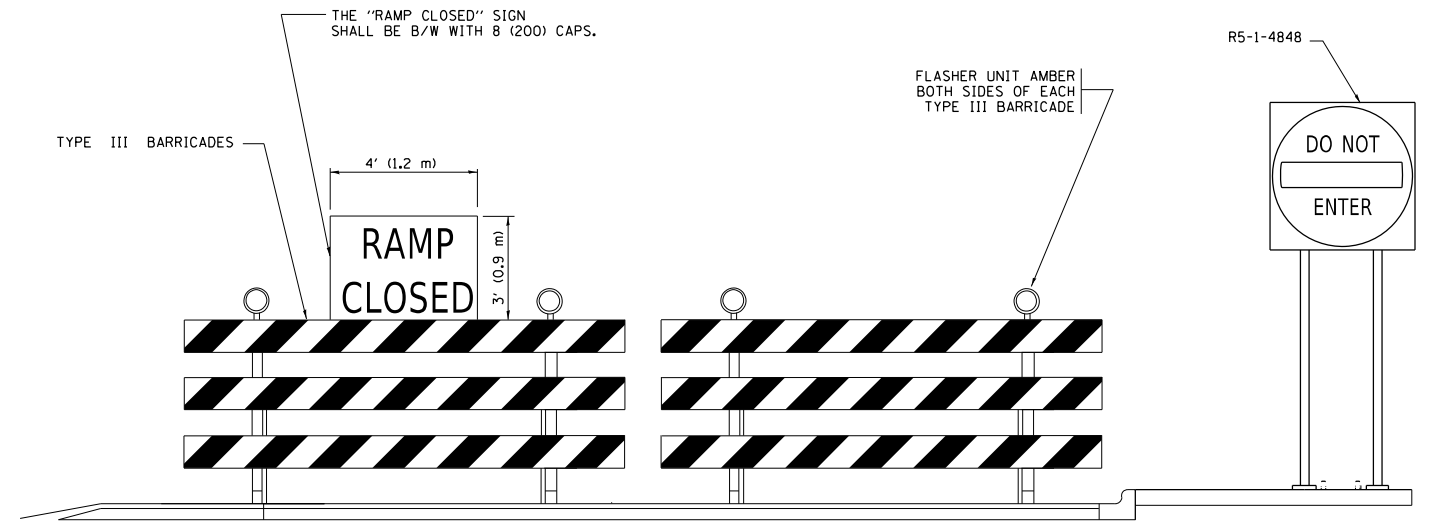
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

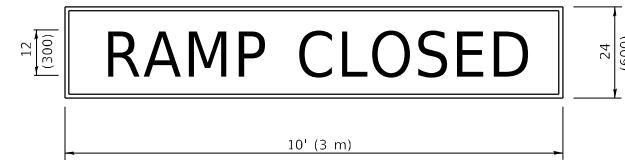
SYMBOLS

- ▬ TYPE II BARRICADE OR DRUM
- ▬ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

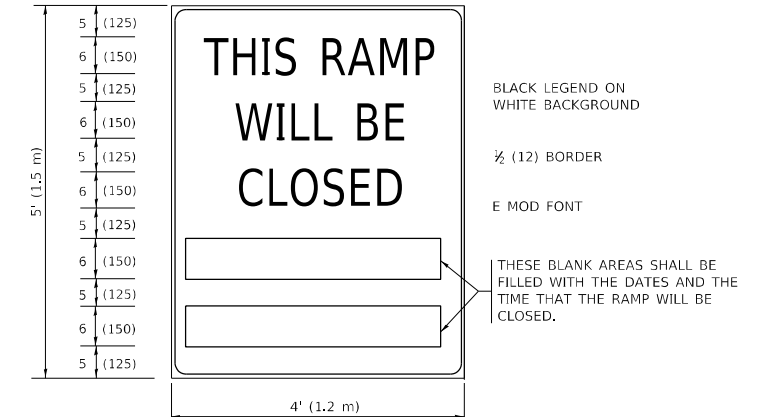
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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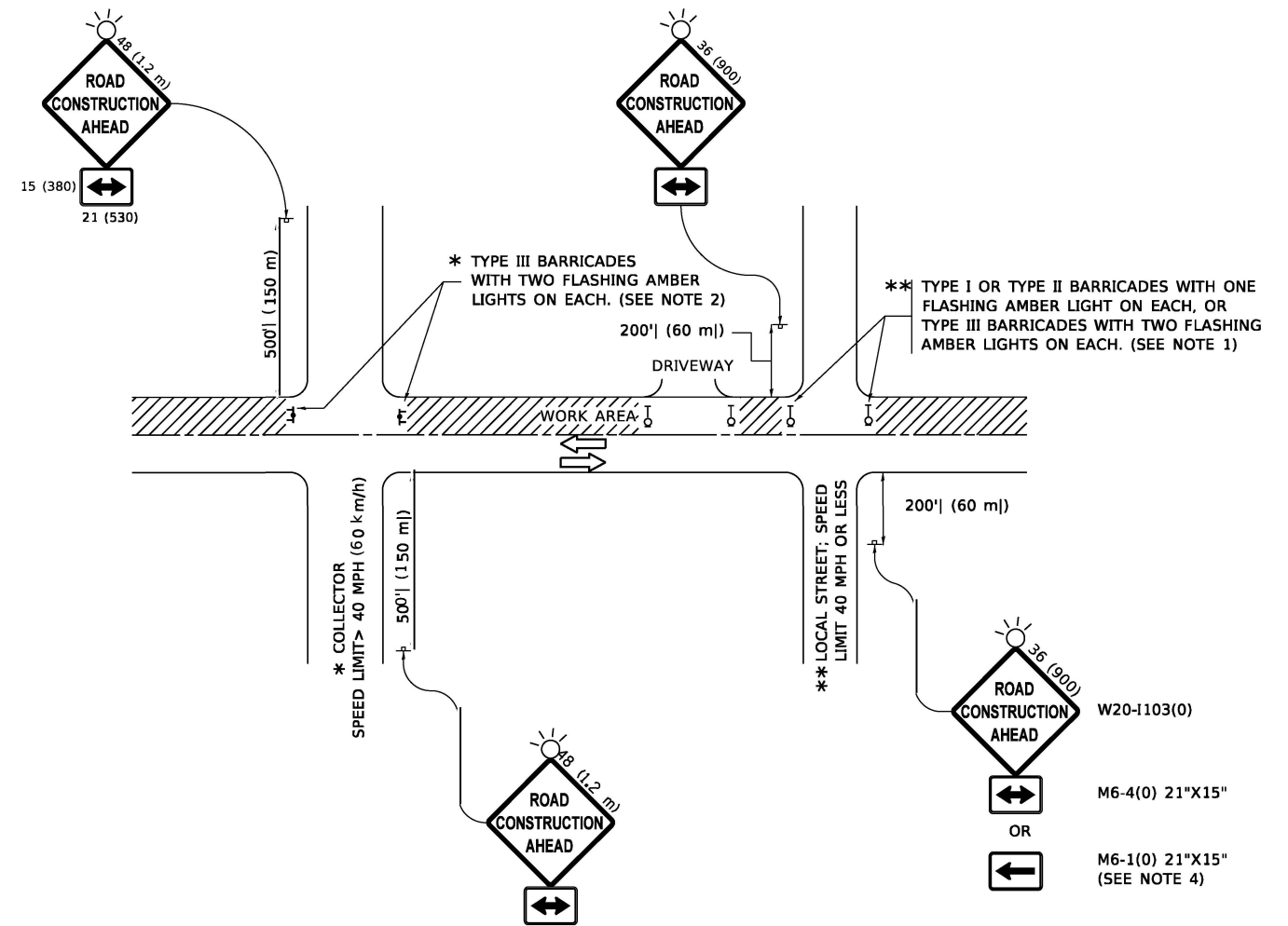
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PLOT DATE = 5/3/2024	DATE - 02-83	REVISED - M,D,_01-18
		REVISED - D,S,_05-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE_AND_EXIT_RAMP
CLOSURE_DETAILS**

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

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	59
TC-08			CONTRACT NO. 80B21	
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) 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. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
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.

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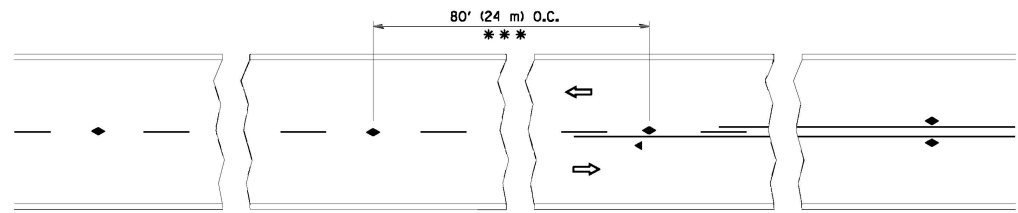
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	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

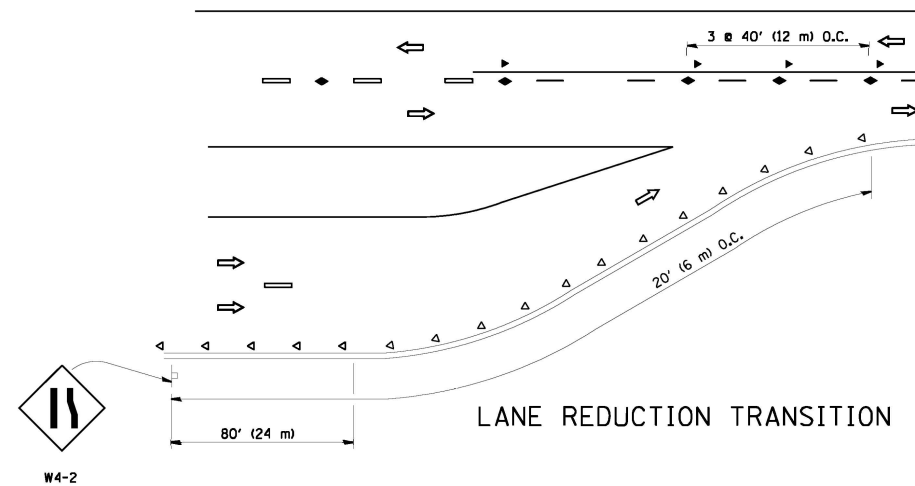
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341	2025-2000-RS	COOK	84	60
TC-10		CONTRACT NO. 80B21		
ILLINOIS FED. AID PROJECT				

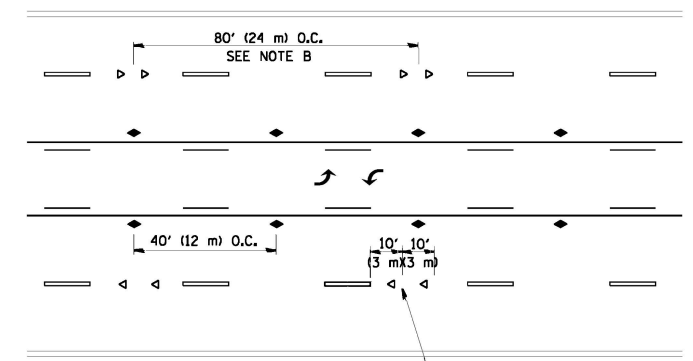


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

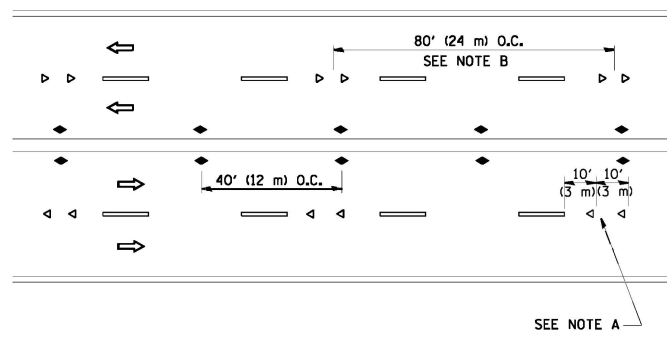
TWO-LANE/TWO-WAY



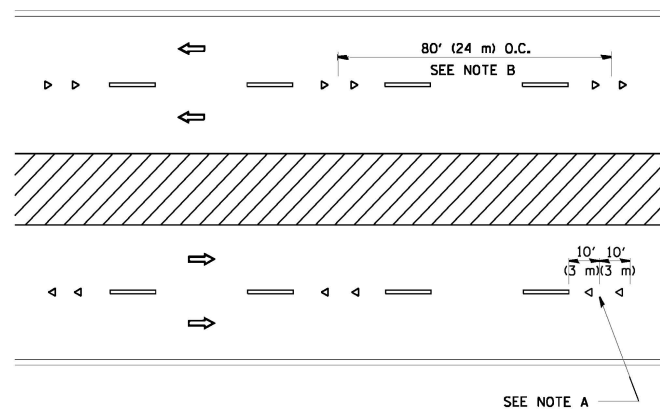
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE 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.

SYMBOLS

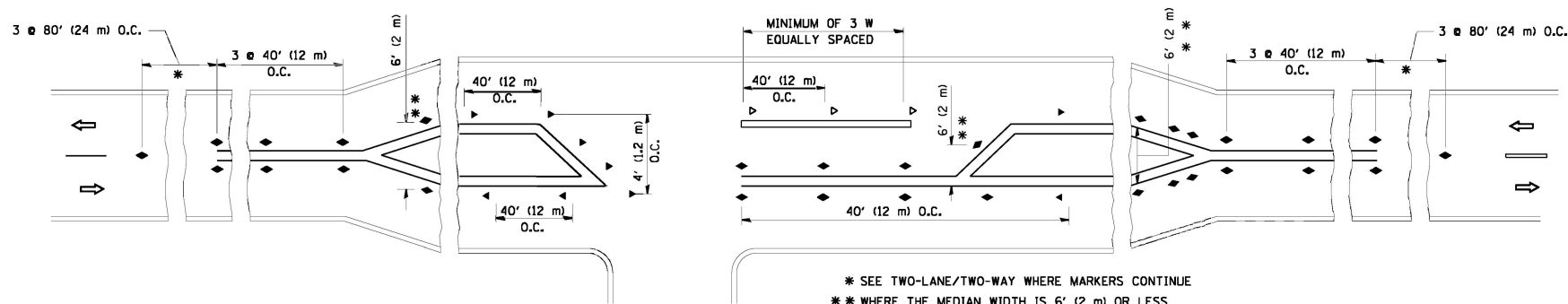
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

FILE NAME =	USER NAME = lejusa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
0:\pwork\pido\lejusa\d0108315\to11.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUXTUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS	
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	61
TC-11			CONTRACT NO. 80B21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

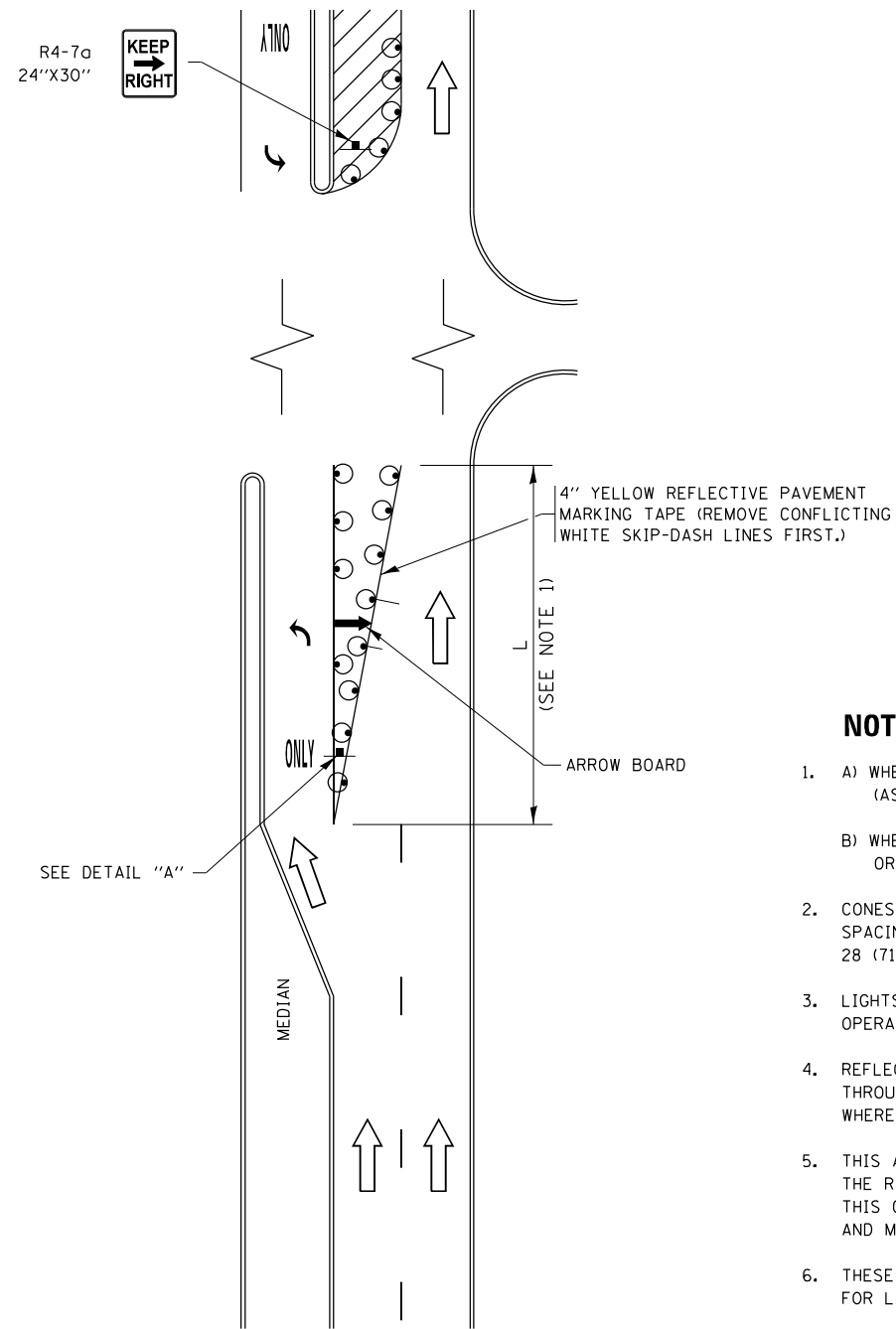


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

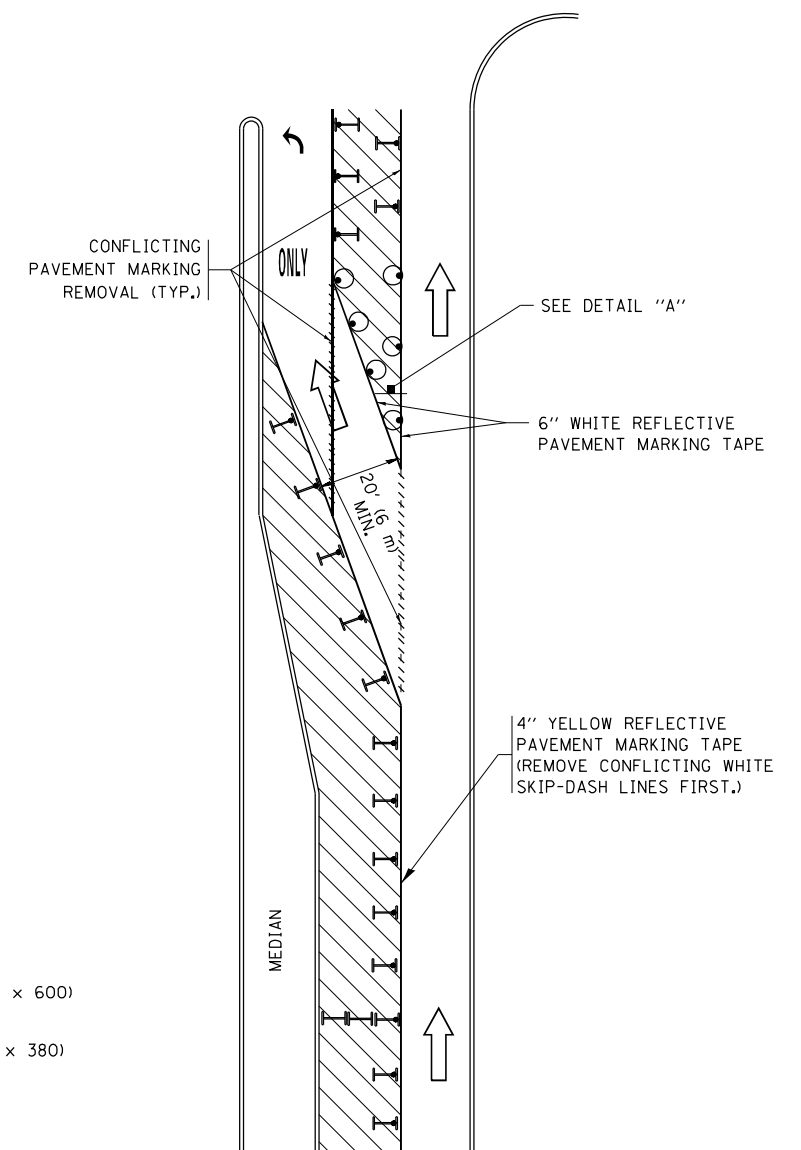
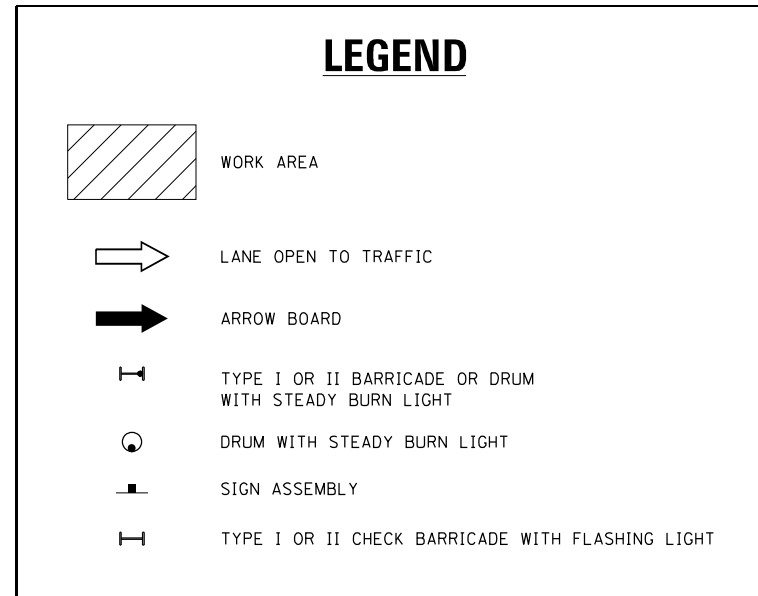
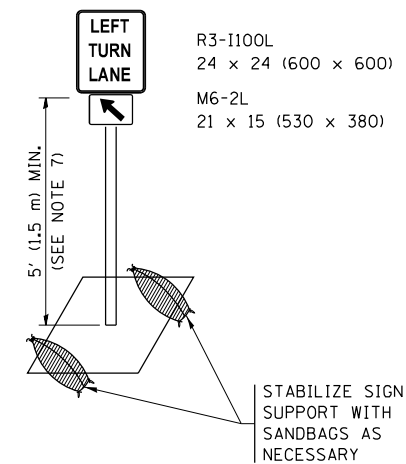


FIGURE 2



NOTES:

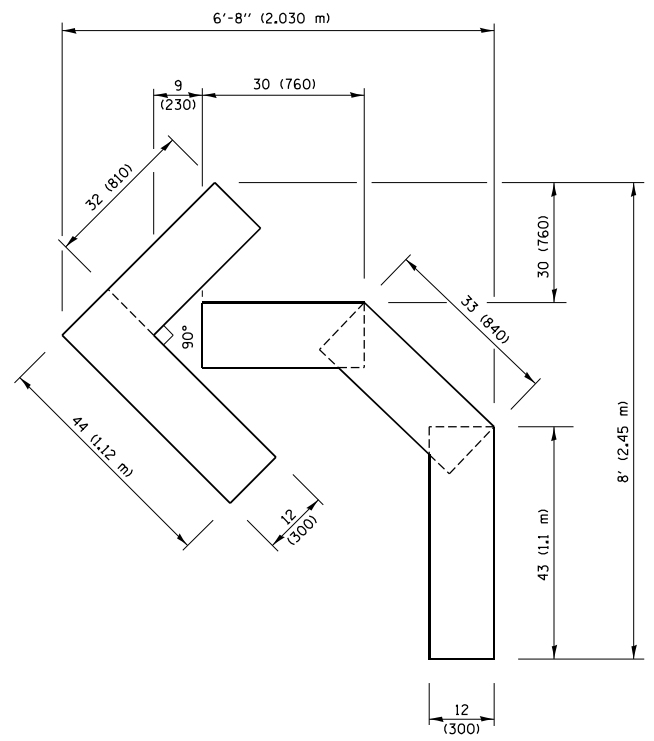
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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.



DETAIL A

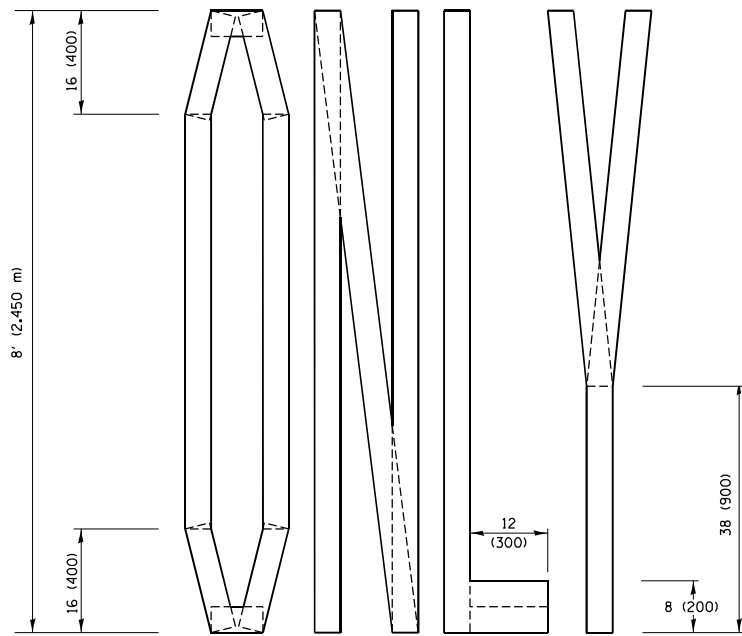
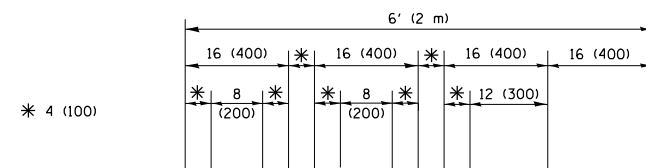
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\Dist 1\ADDData\CAHOUSEH1407-95	REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 09-15-16					341	2025-2000-RS	COOK	84	63	
Default	PLOT SCALE = 50.0000' / in.	REVISED - T. RAMMACHER 01-06-00	REVISED -					TC-14			CONTRACT NO. 80B21		
	PLOT DATE = 9/15/2016			SCALE: NONE			SHEET 1 OF 1 SHEETS			STA. TO STA.		ILLINOIS FED. AID PROJECT	



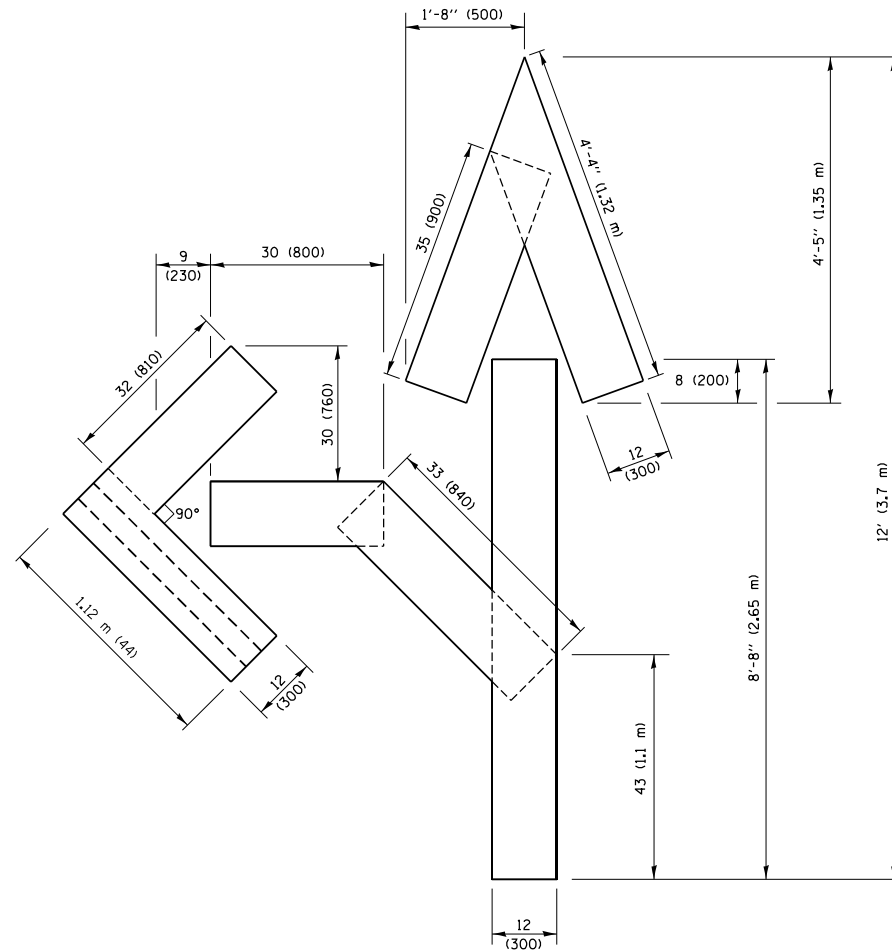
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

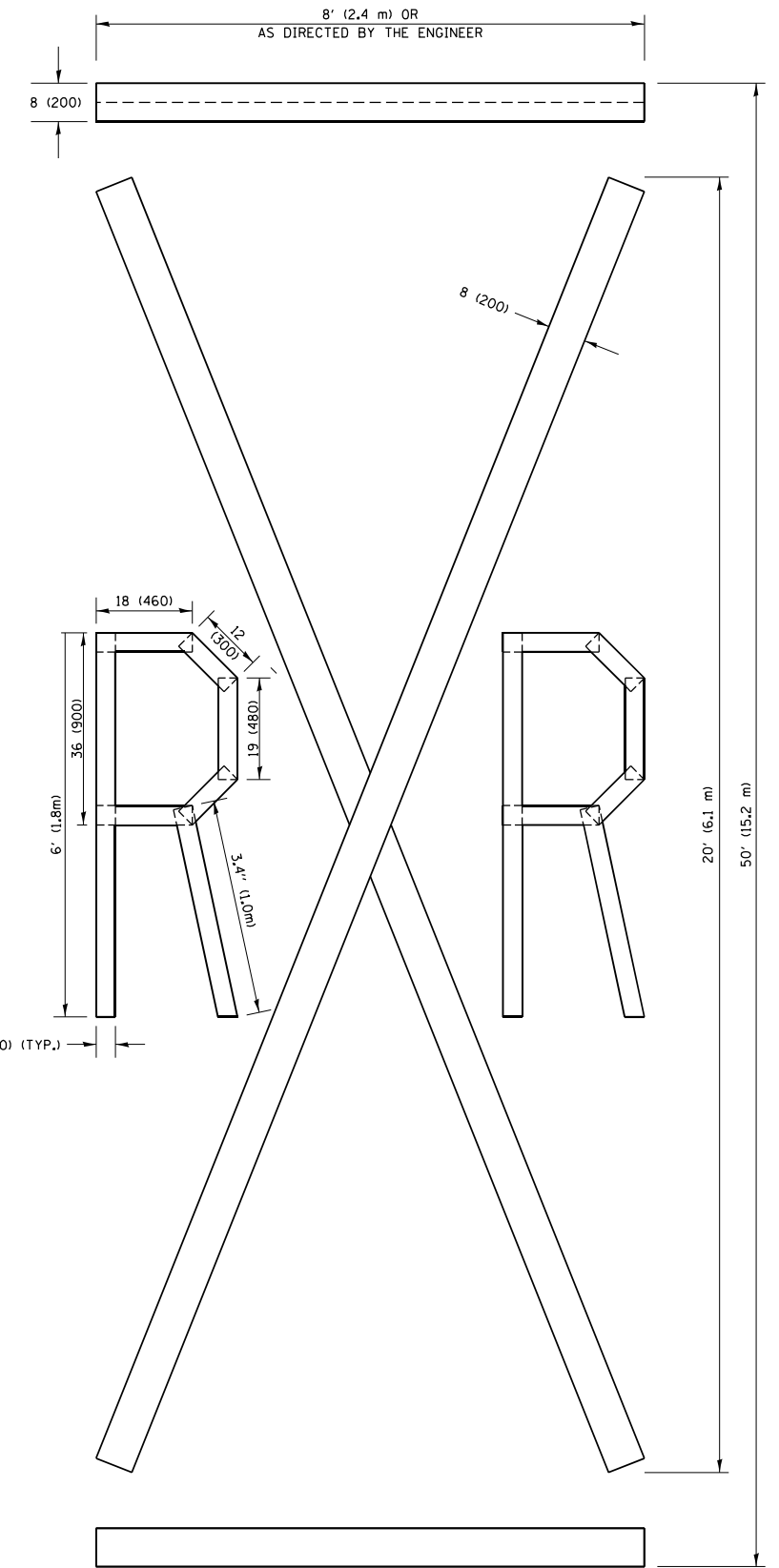


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 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.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

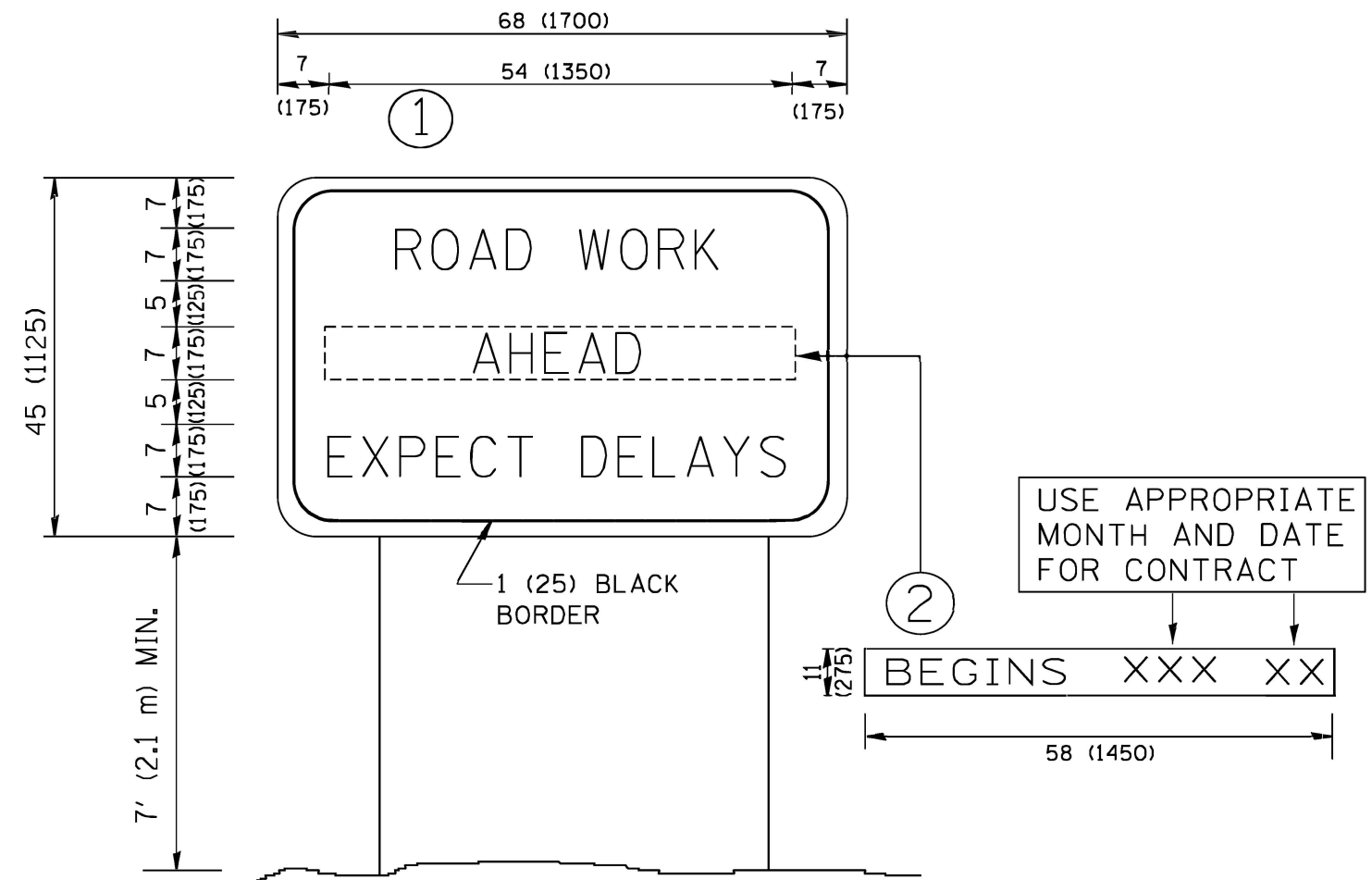
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		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	64
TC-16			CONTRACT NO. 80B21	
FED. ROAD DIST. NO. 1 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.

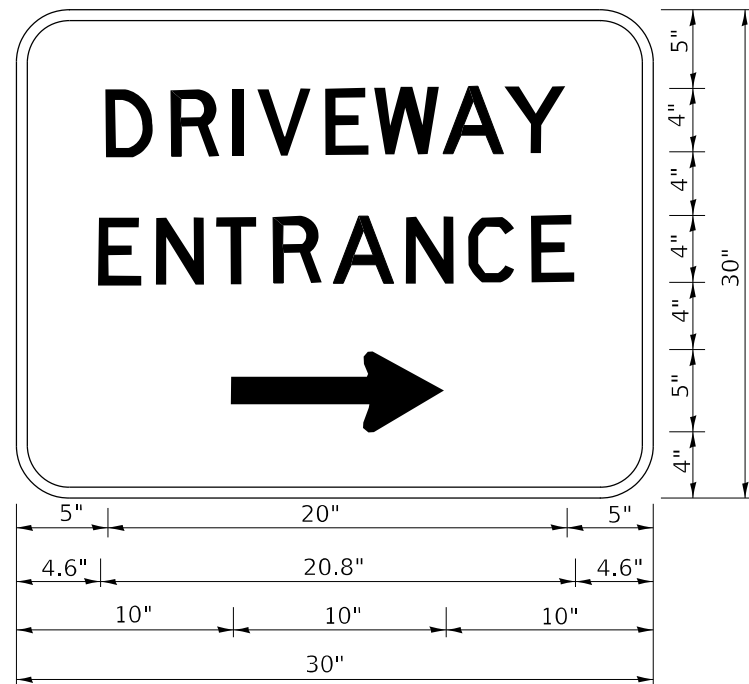
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		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. & RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	66
TC-22		CONTRACT NO. 80B21		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



341 2025-2000-RS COOK 29 18

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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USER NAME = lleya	DESIGNED -	REVISED - C. JUCIUS 02-15-07
PLOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/6/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	67
TC-26			CONTRACT NO. 80B21	
		ILLINOIS	FED. AID PROJECT	

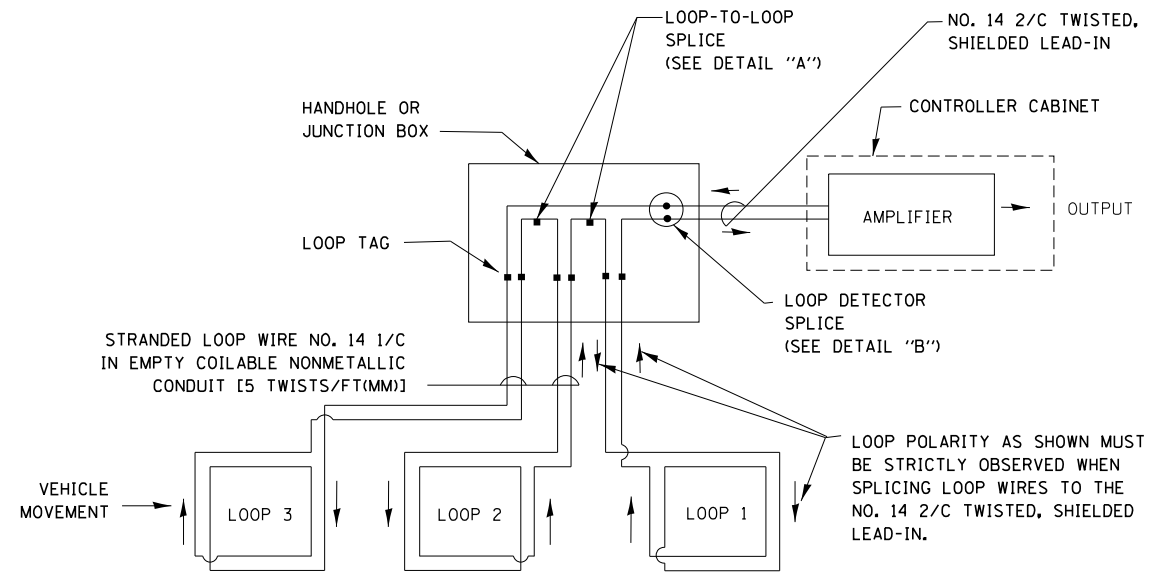
TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

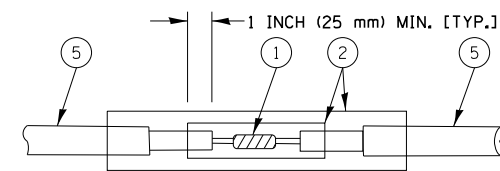
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

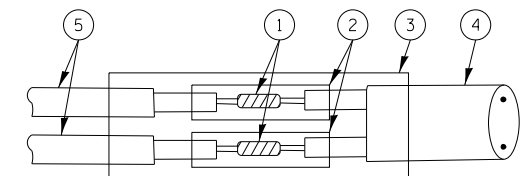


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

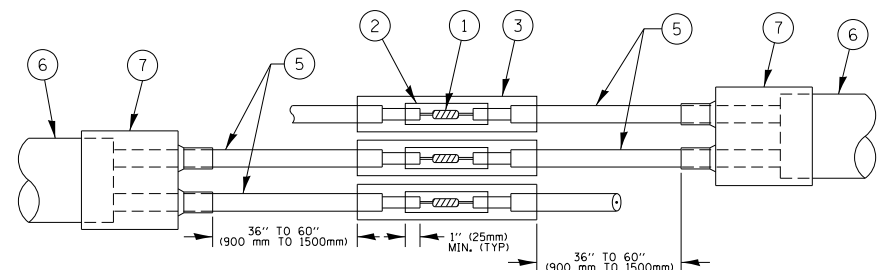


DETAIL "A"
LOOP-TO-LOOP SPLICE

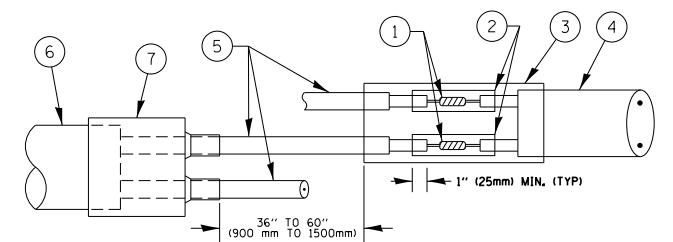


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

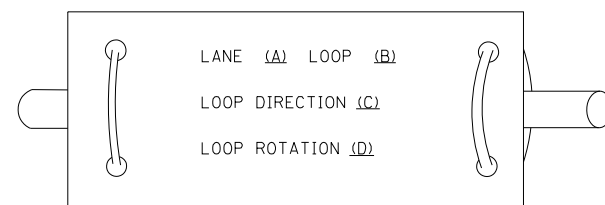


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.

- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

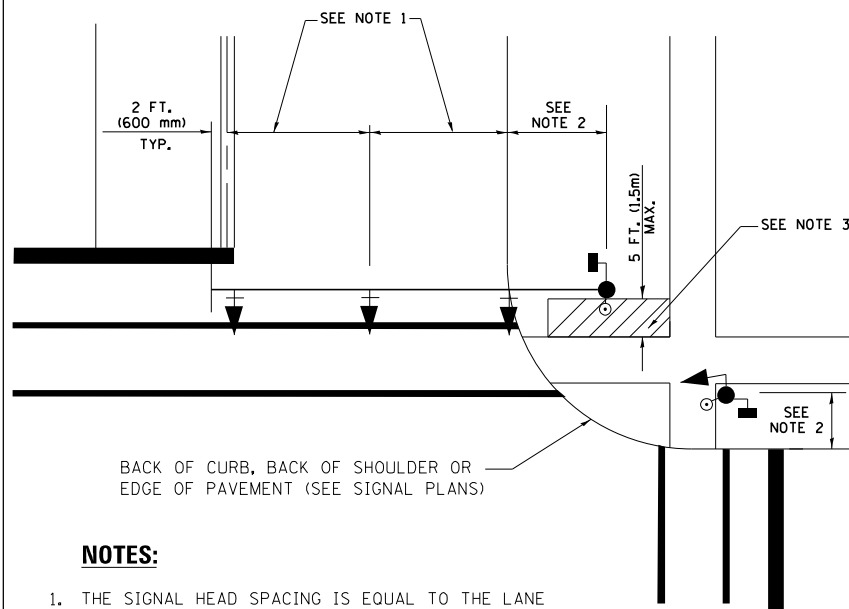
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	69
TS-05		CONTRACT NO.	80B21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

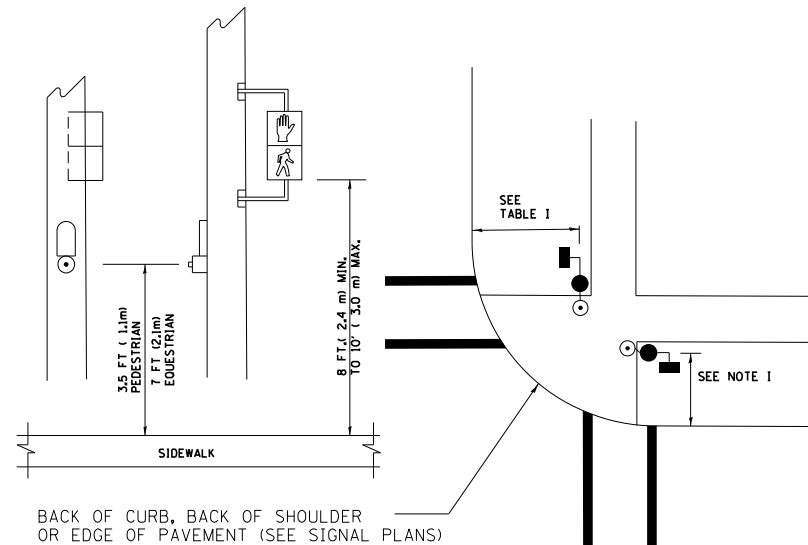
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

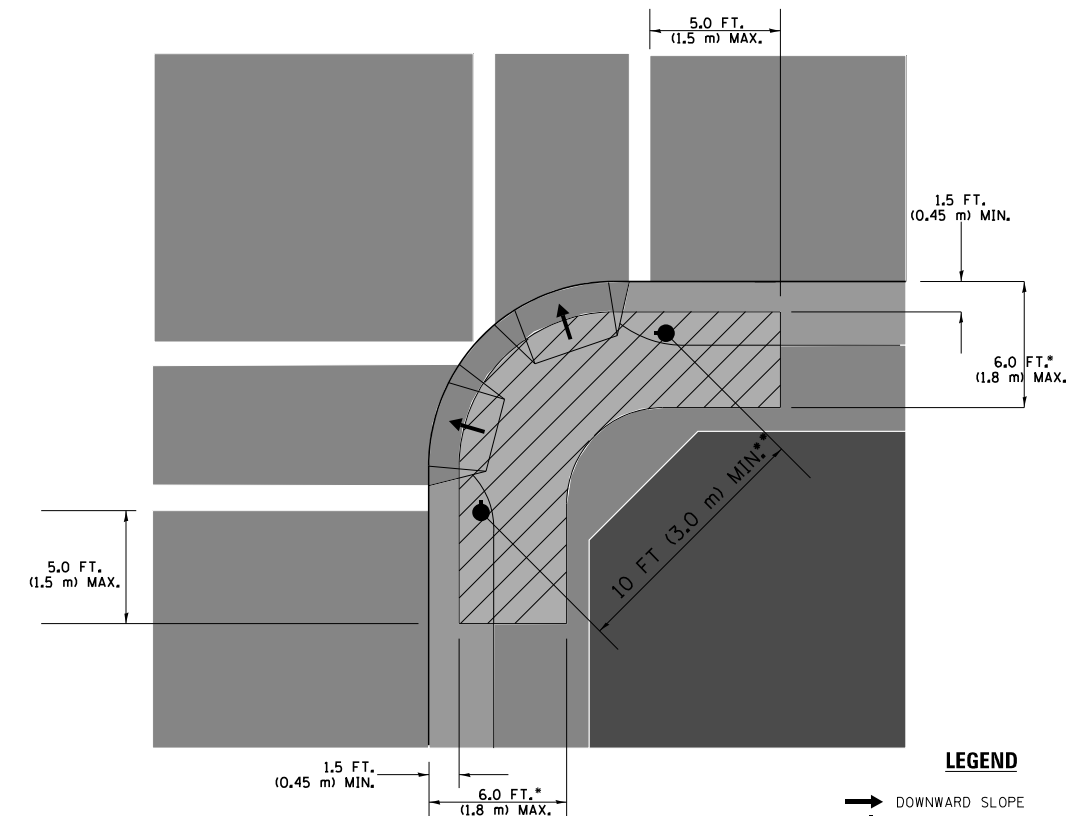
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

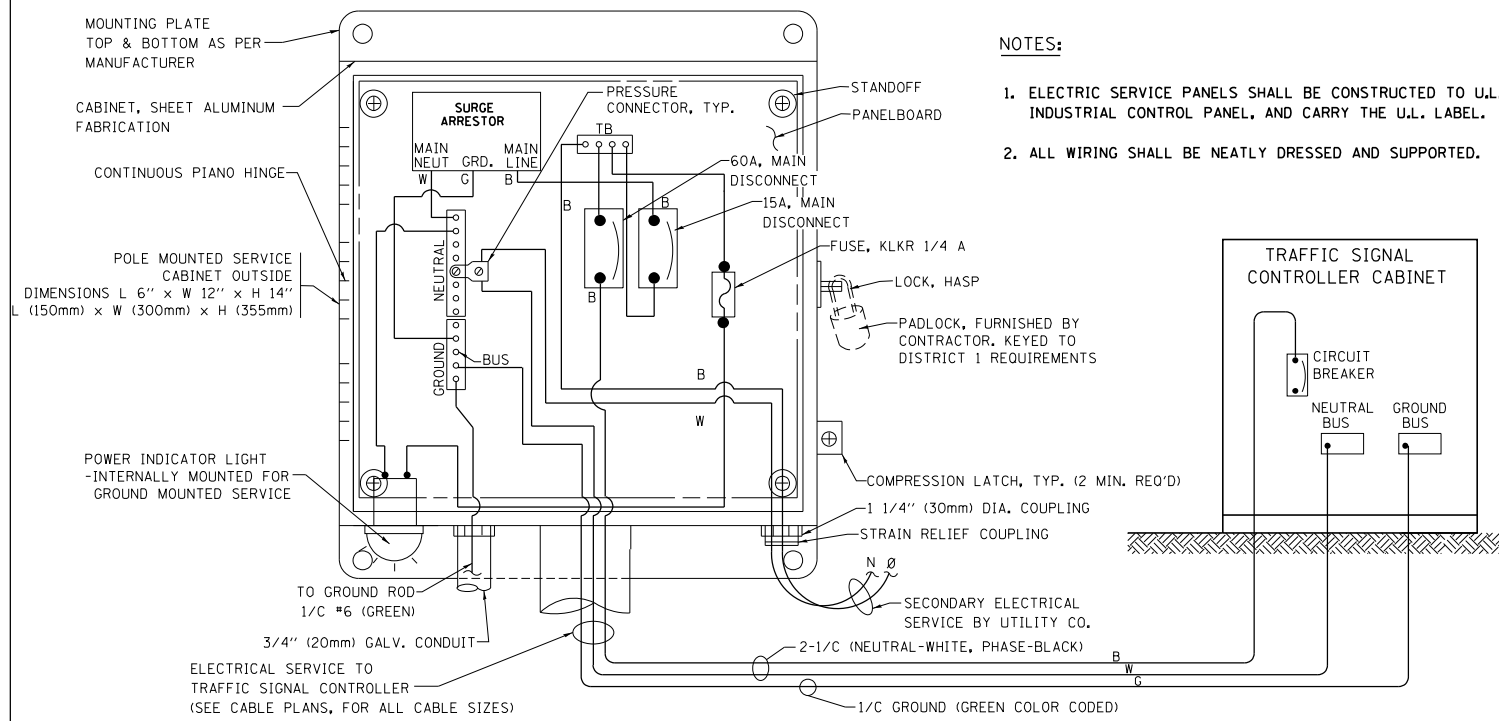
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

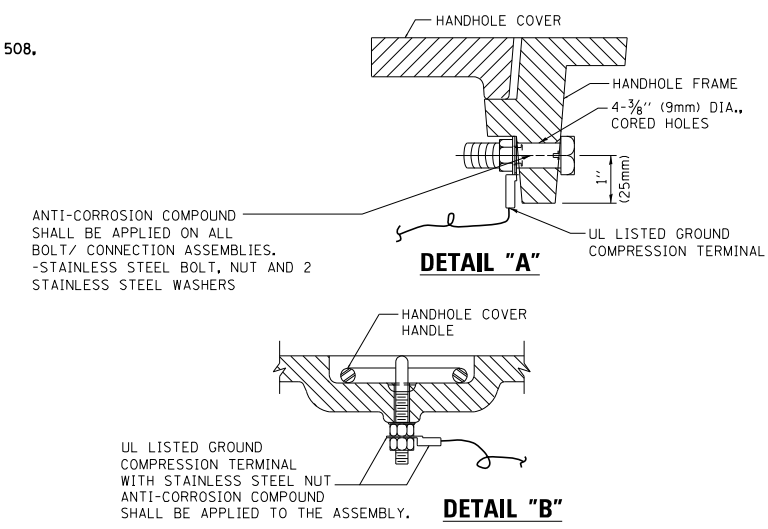
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

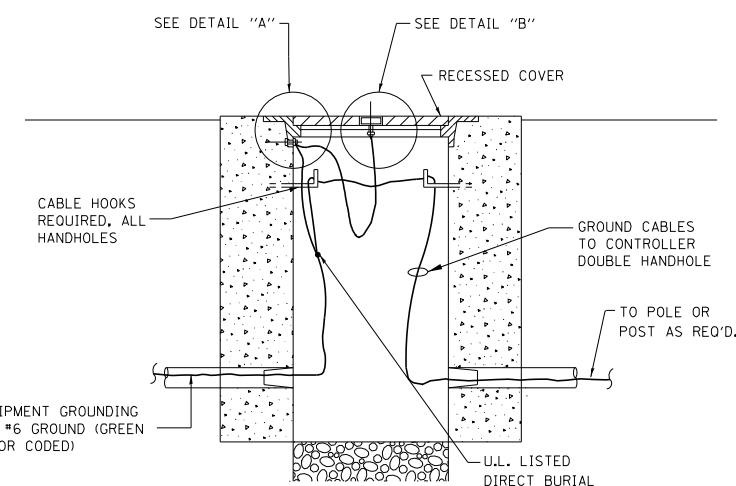


**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)**

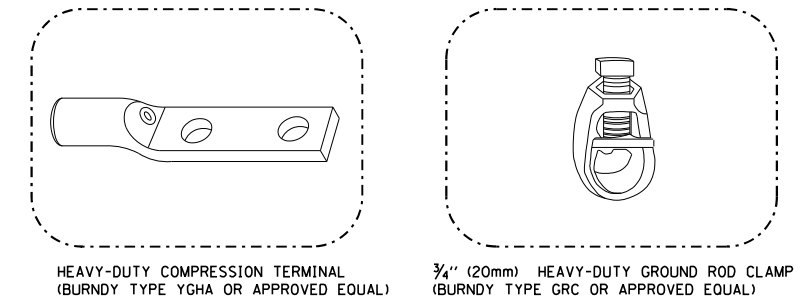


**NOTES:
GROUNDING SYSTEM**

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

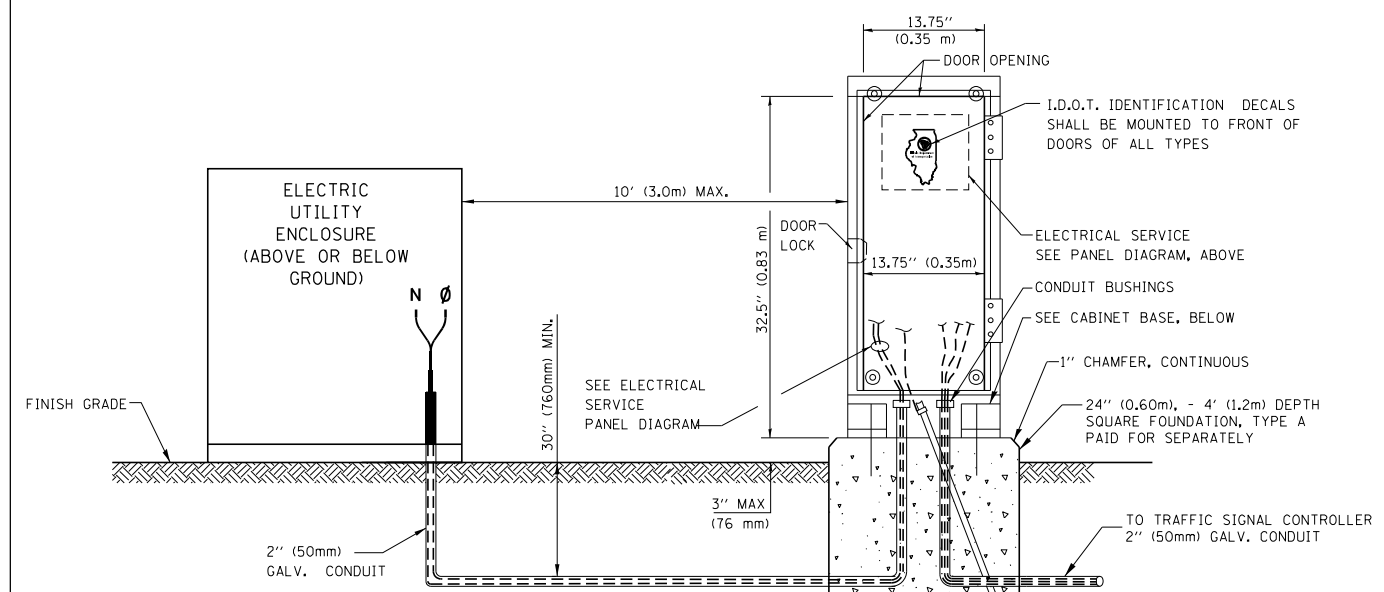


**HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)**

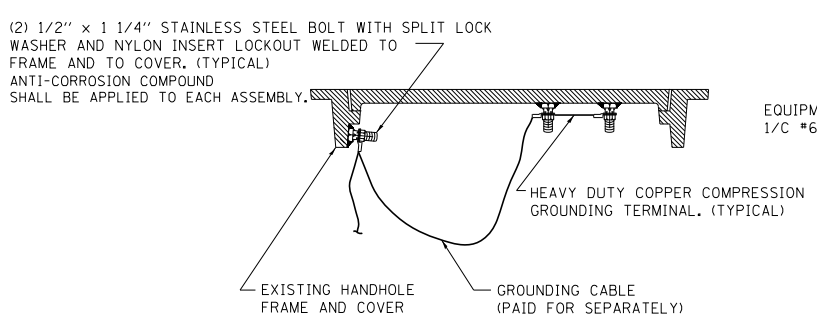


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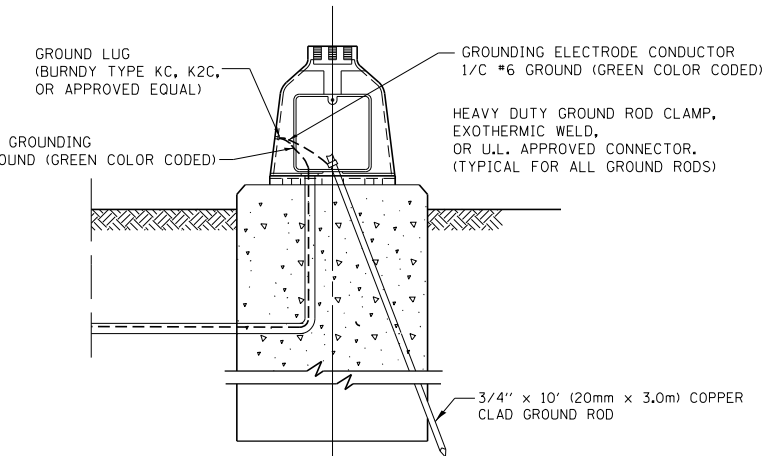
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



**SERVICE INSTALLATION
GROUND MOUNT
(NOT TO SCALE)**

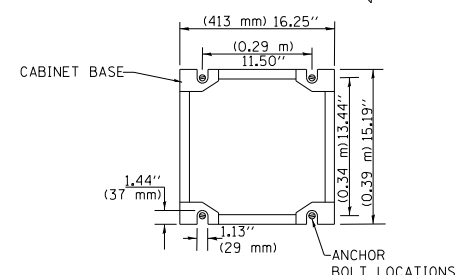


**EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)**



**MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)**

**CABINET – BASE BOLT PATTERN
(NOT TO SCALE)**

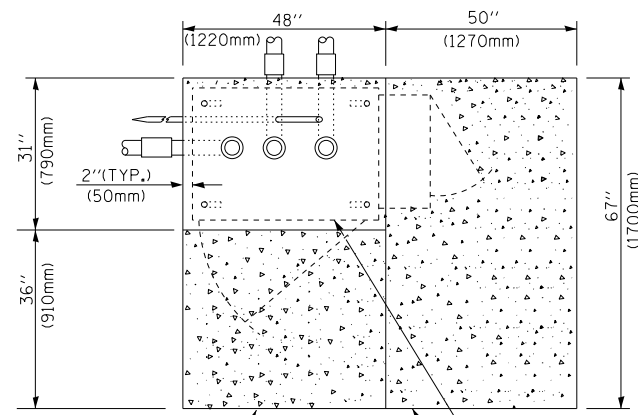


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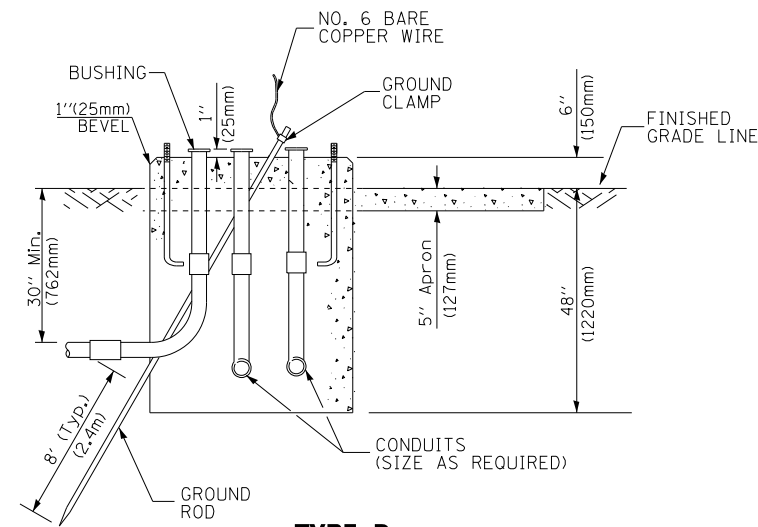
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 4 OF 7 SHEETS	STA.	TO STA.

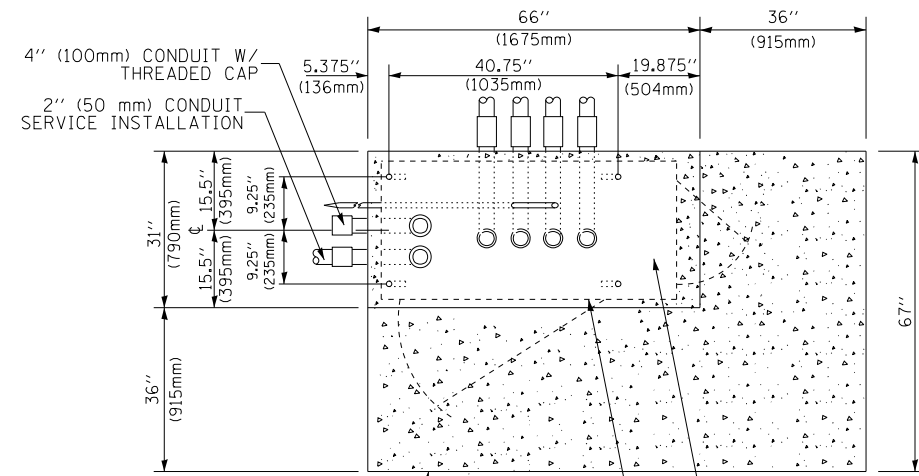
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	71
TS-05		CONTRACT NO.	80B21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TOP VIEW



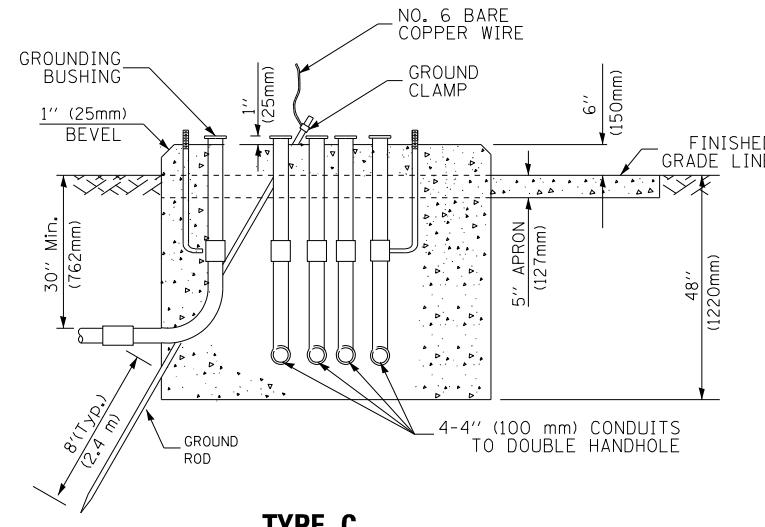
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



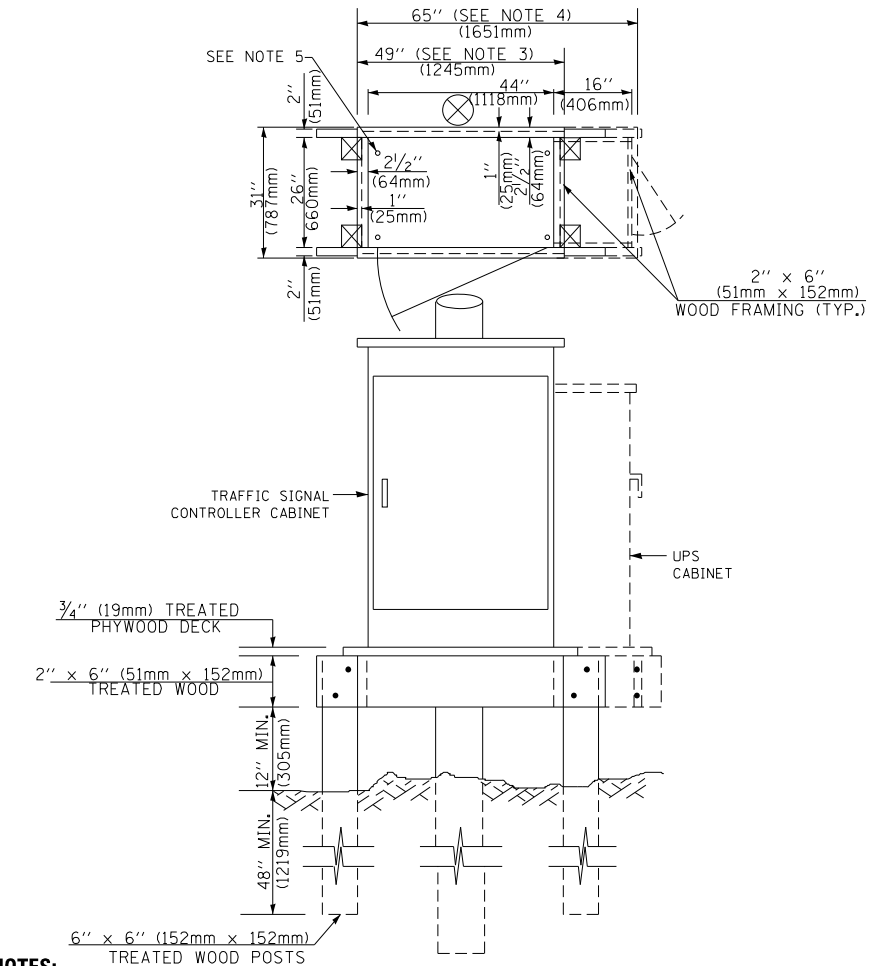
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	24" (600mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

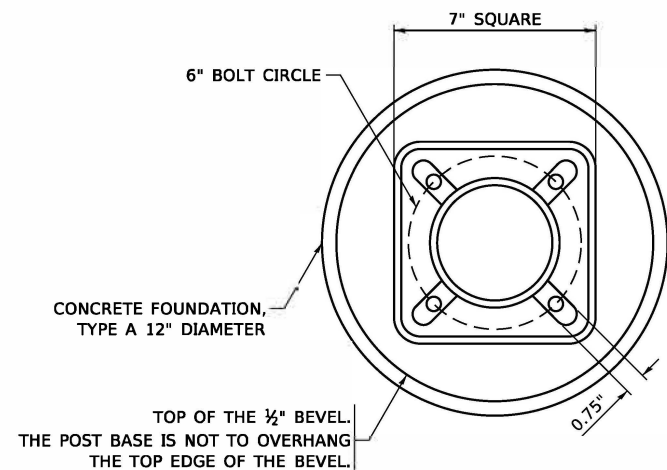
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

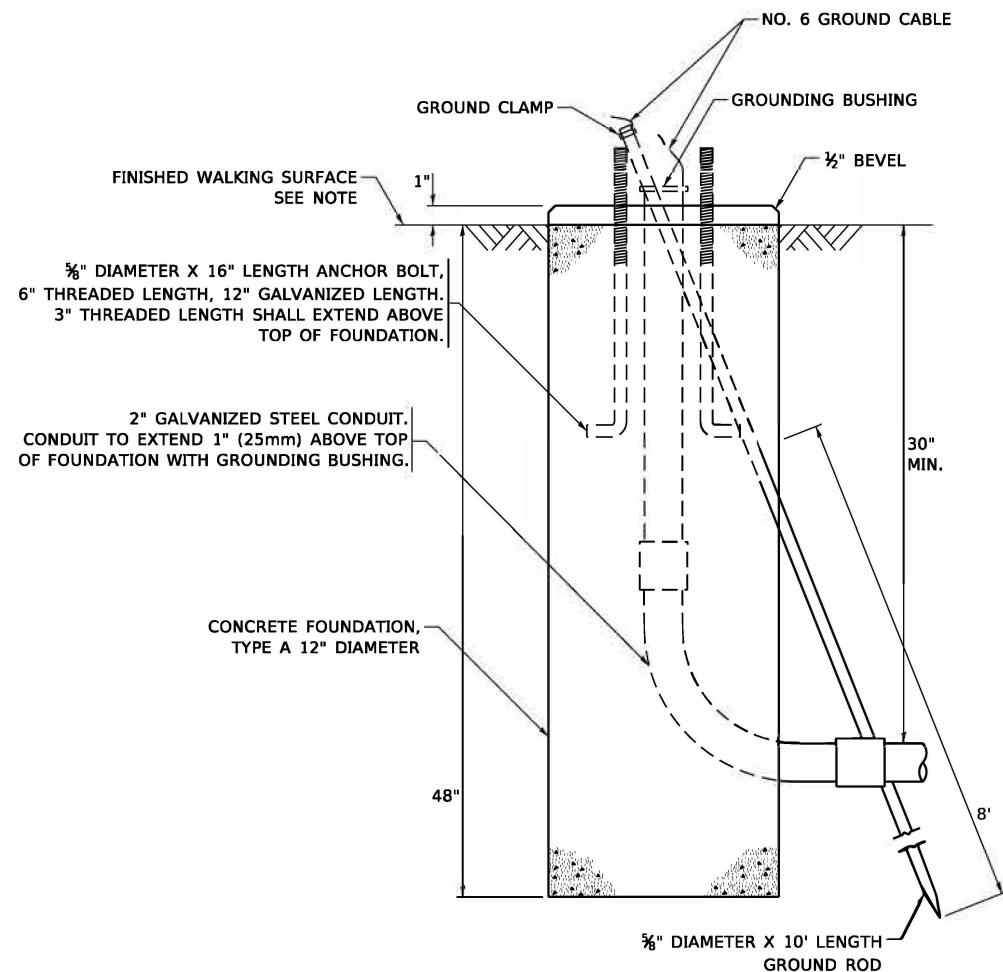
DISTRICT ONE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STANDARD TRAFFIC SIGNAL DESIGN DETAILS		341	2025-2000-RS	COOK	84	72
SCALE: NONE		SHEET NO. 5 OF 7 SHEETS		STA. TO STA.	CONTRACT NO. 80B21	
		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



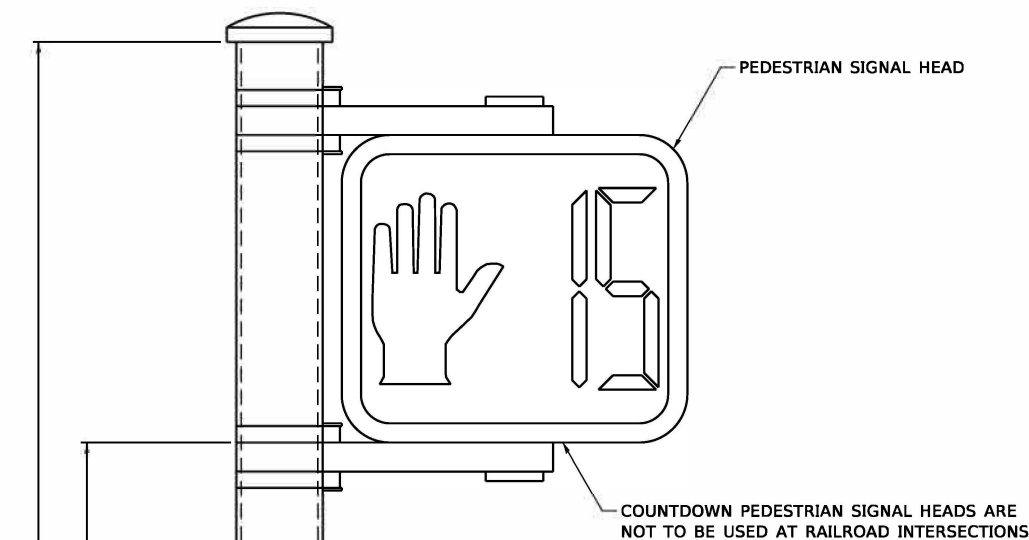
BOLT PATTERN

NOTE:

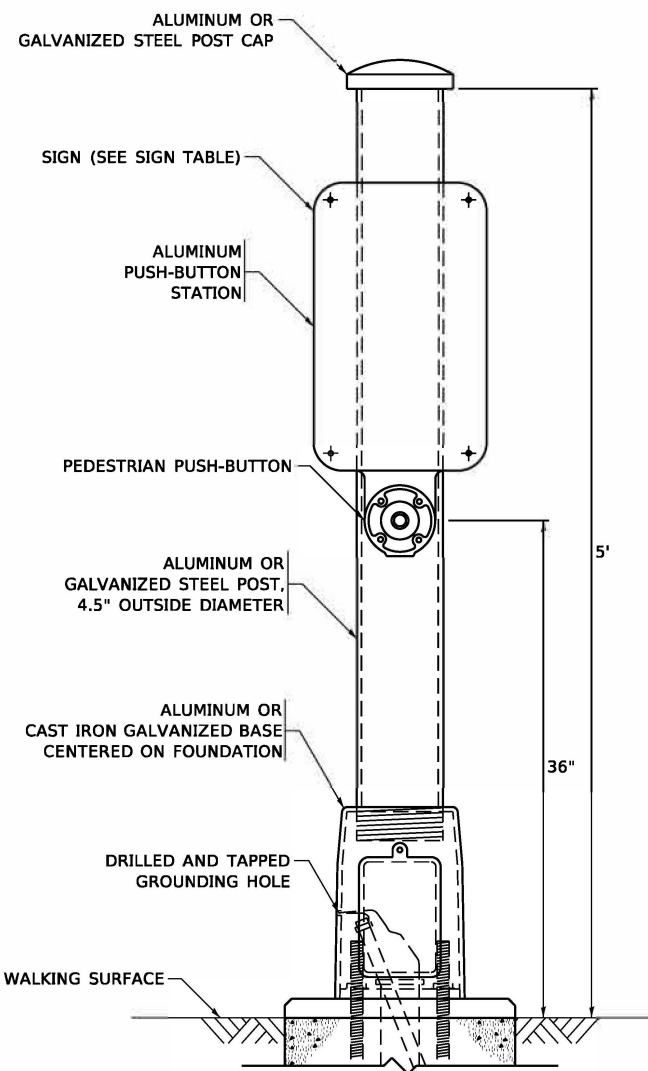
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



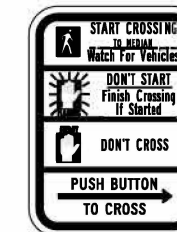
PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

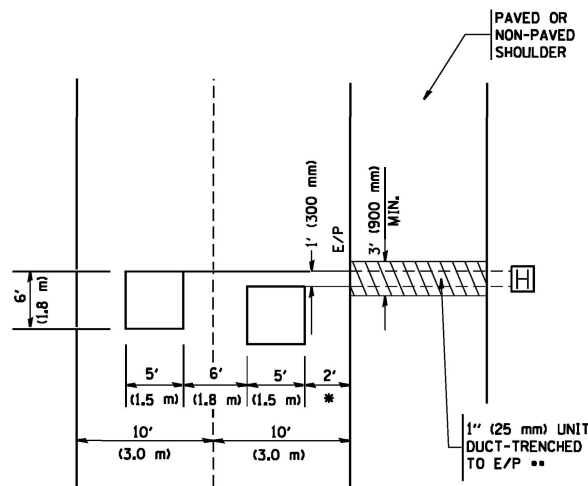
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 74
TS-05		CONTRACT NO. 80B21		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



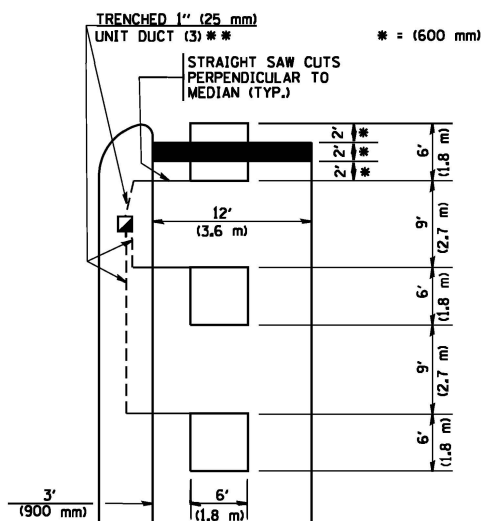
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

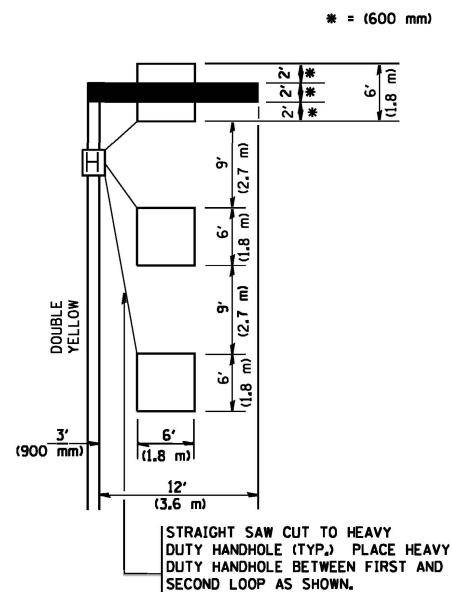


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

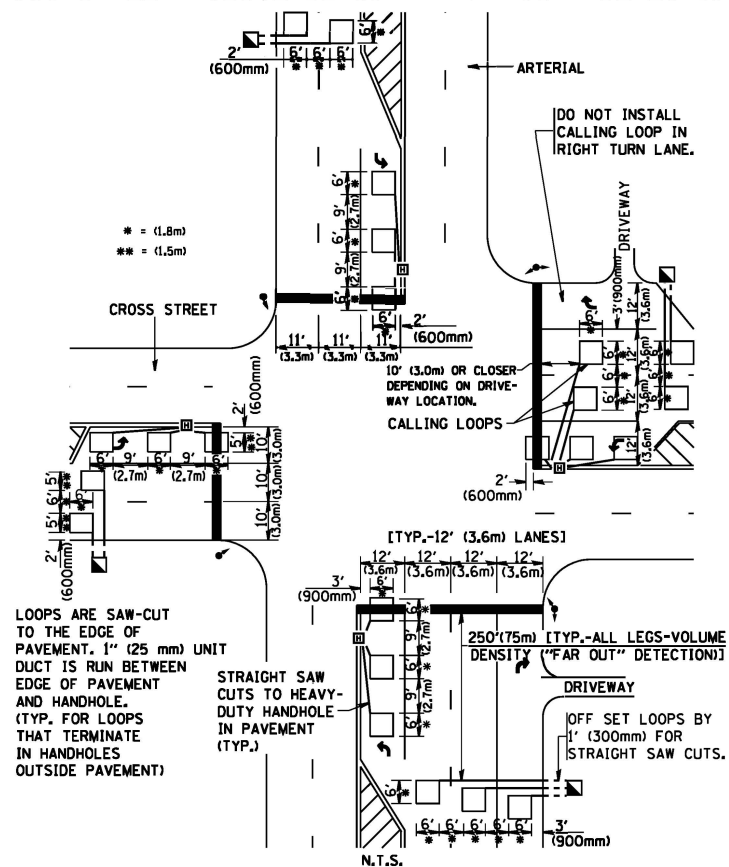
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



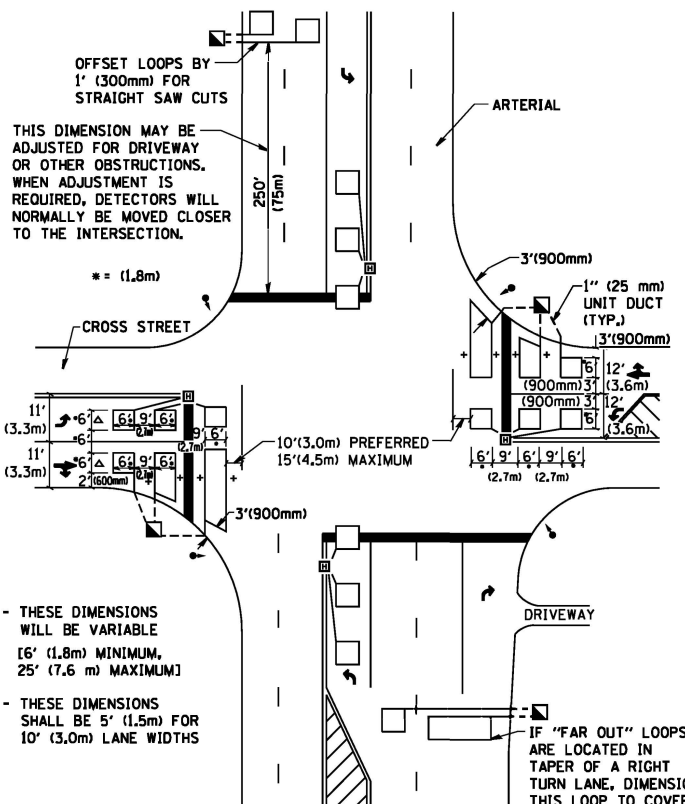
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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PLOT DATE = 1/4/2008

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CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. & RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	75
TS-07		CONTRACT NO. 80B21		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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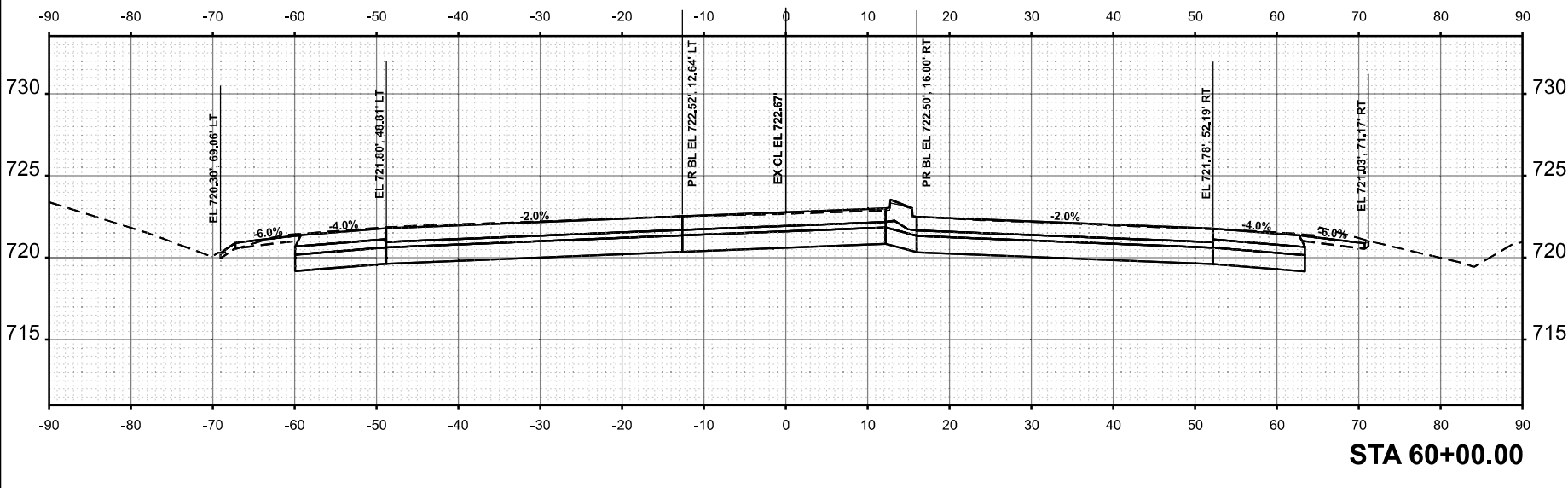
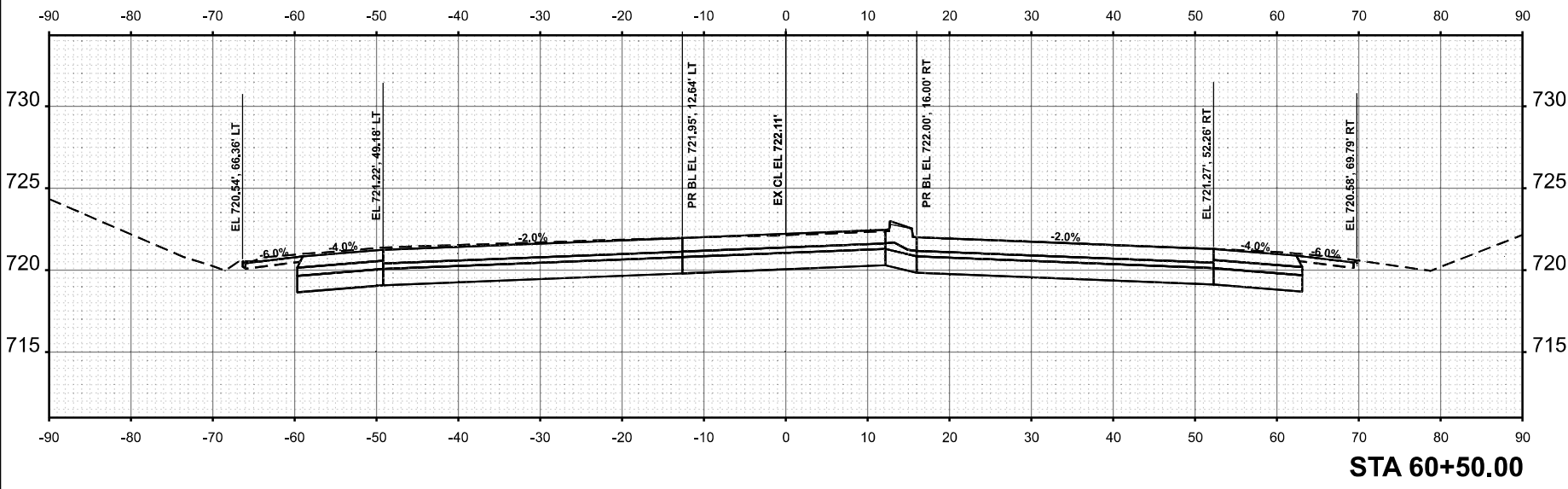
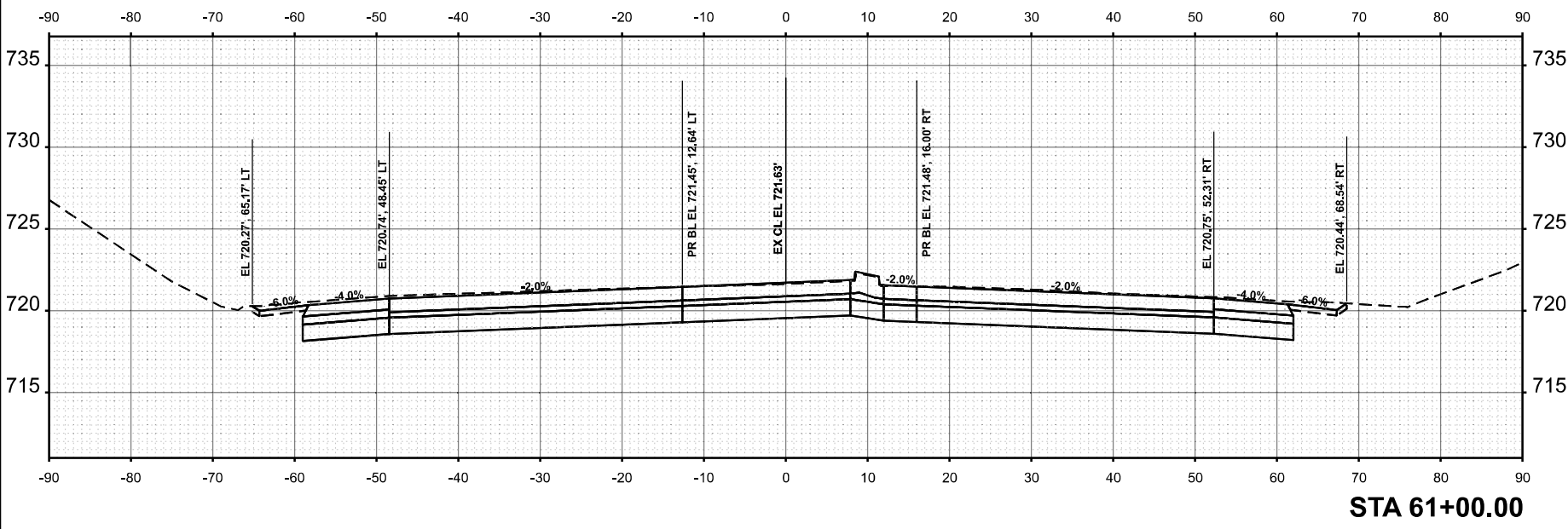
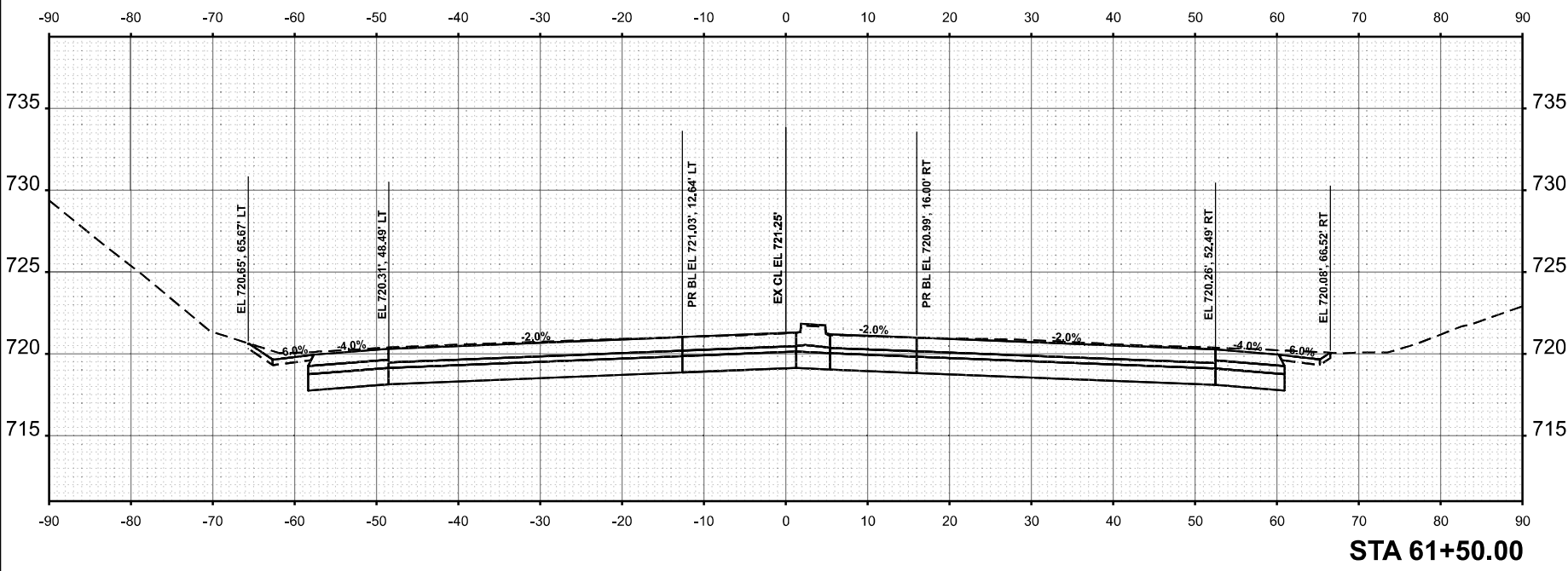
DESIGNED	REVISION
DRAWN	REVISION
CHECKED	REVISION
DATE	REVISION

USER NAME = yaseen.qureshi	REVISION
PLT DATE = 1/26/2026	REVISION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMP)
 CROSS SECTIONS
 SCALE: 1"=10'
 SHEET 60+00.00 OF
 SHEETS STA.
 TO STA.

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEET NO.
341	2025-2000-04S	COOK	76



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

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

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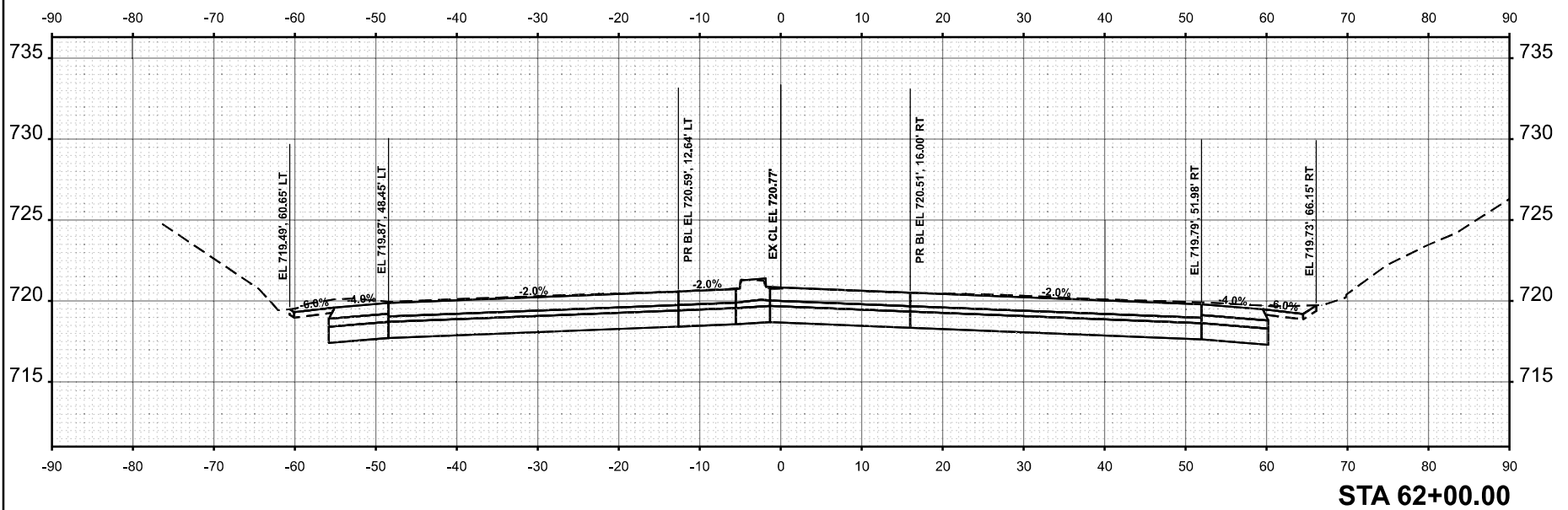
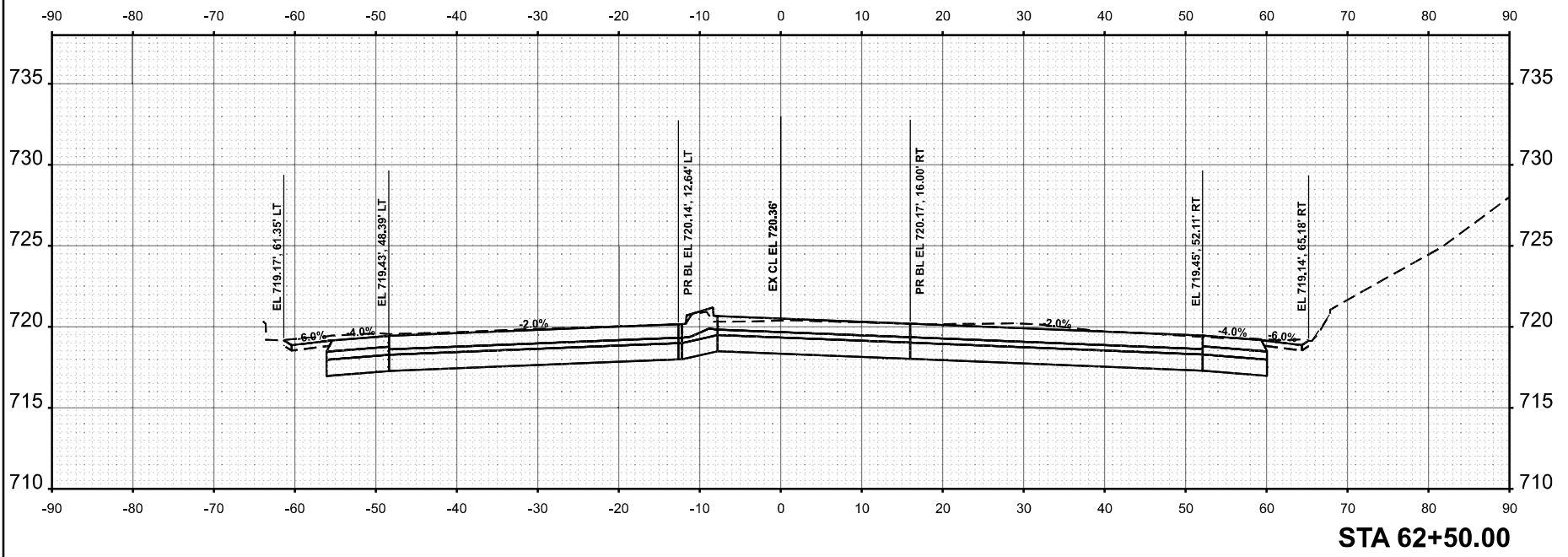
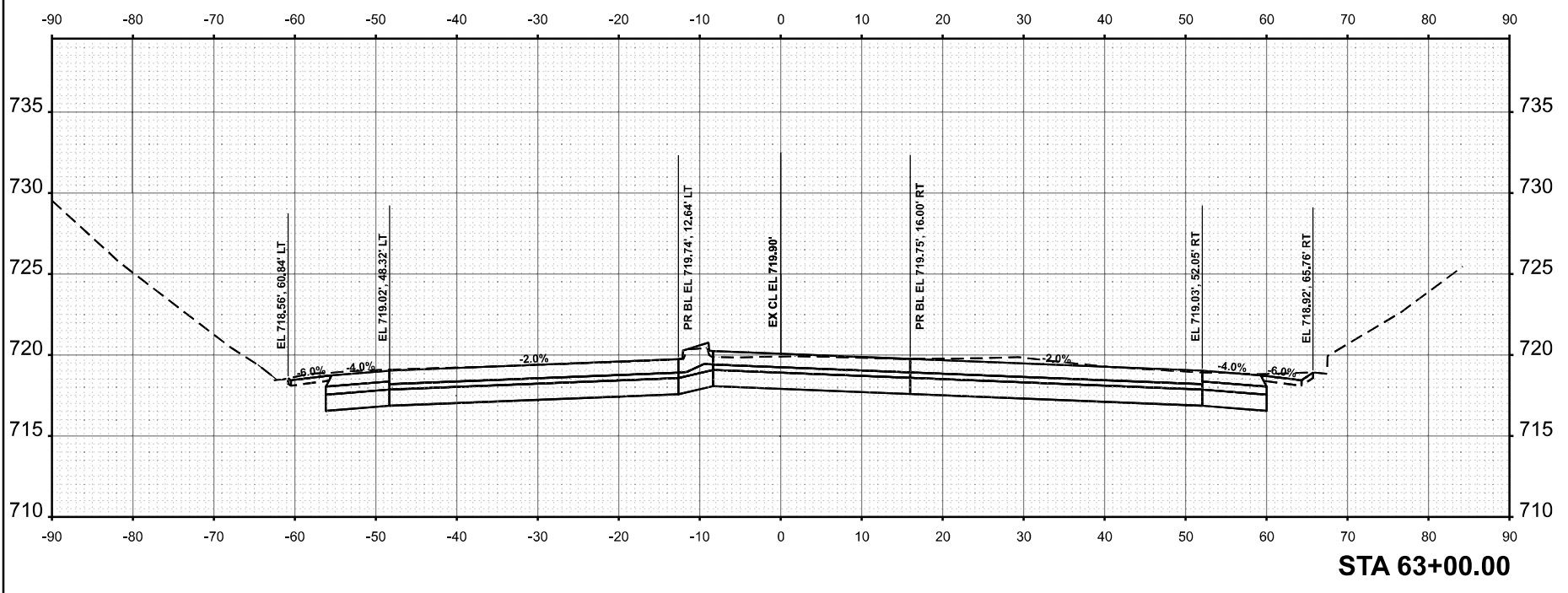
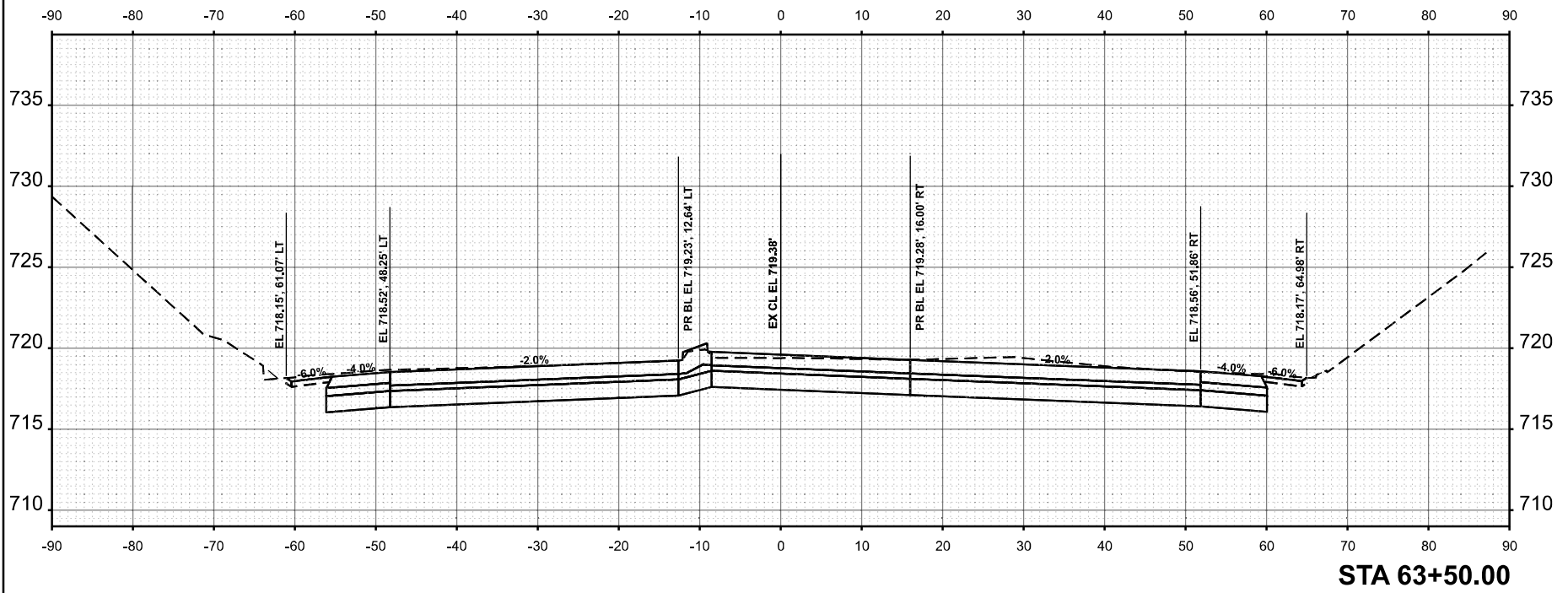
DESIGNED	Yasser, Qureshi
DRAWN	
CHECKED	
DATE	1/26/2026

REVISED	
REVISED	
REVISED	
REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMP)
 CROSS SECTIONS
 SCALE: 1"=10'
 SHEET 62+00.00 OF
 SHEETS STA.
 TO STA.

F.A.P. R.T.E.	341	SECTION	2025-2000-04S	COUNTY	COOK	TOTAL SHEET NO.	84
						SHEETS	77
						CONTRACT NO.	80B21
						FED. AID PROJECT	



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

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

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USER NAME = yasser.qureshi
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIONS
 REVISED -
 REVISED -
 REVISED -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

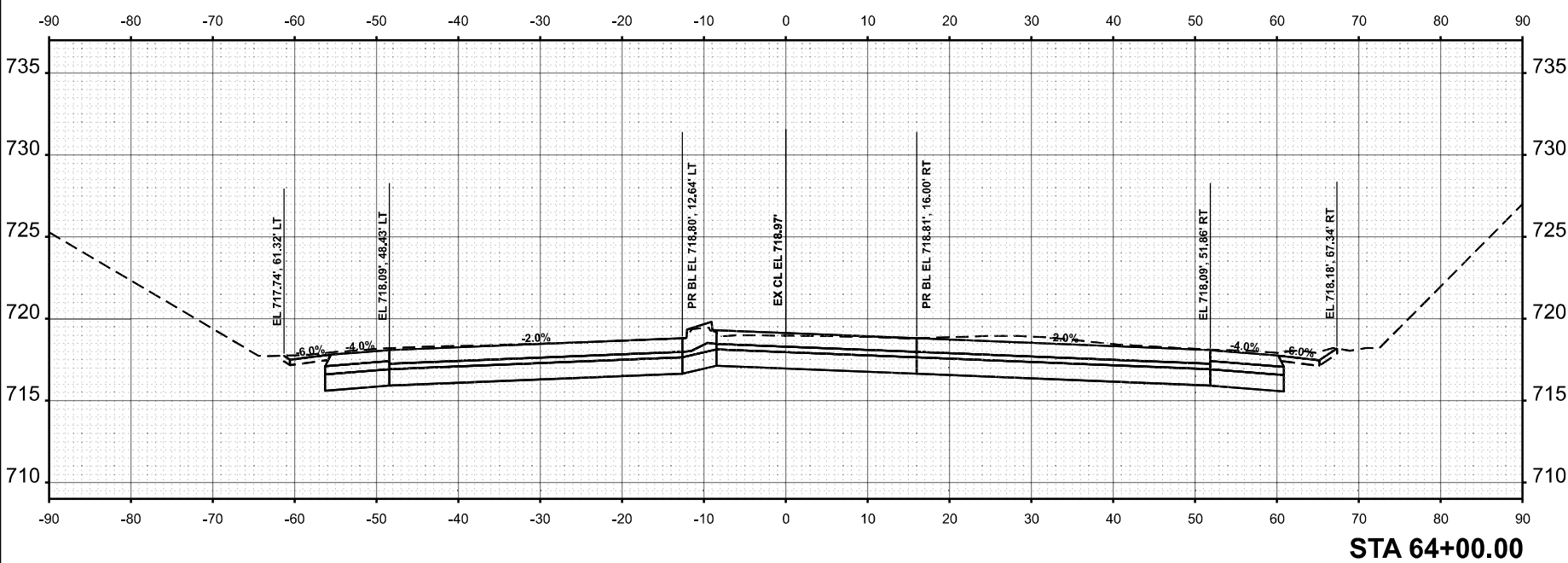
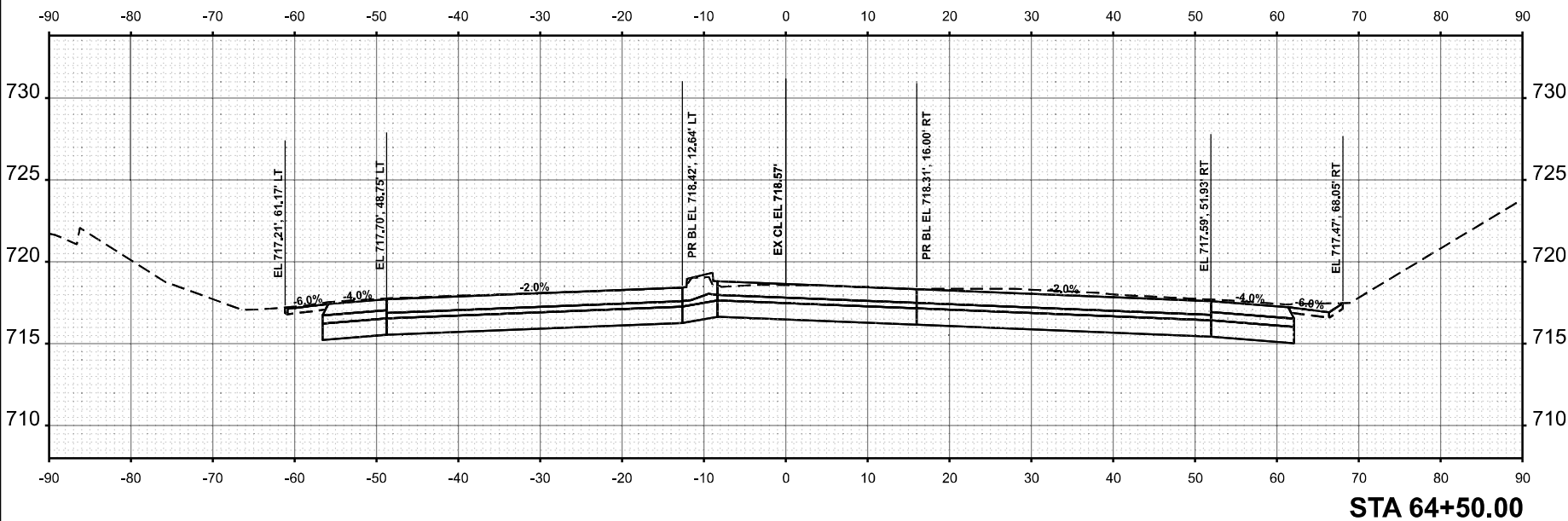
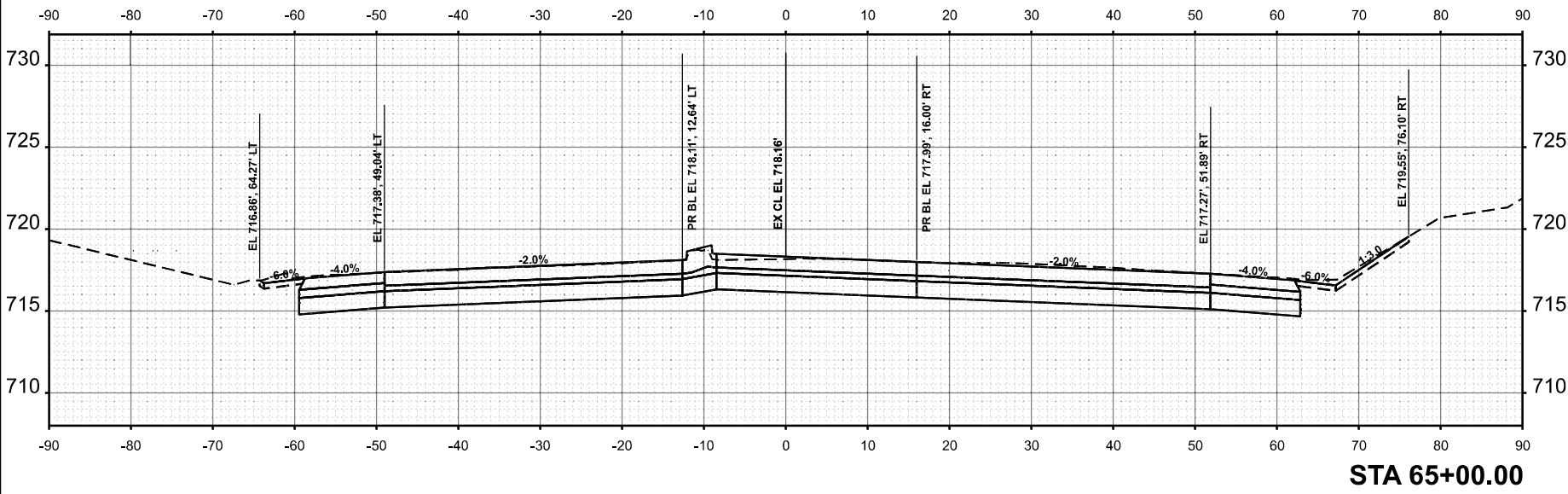
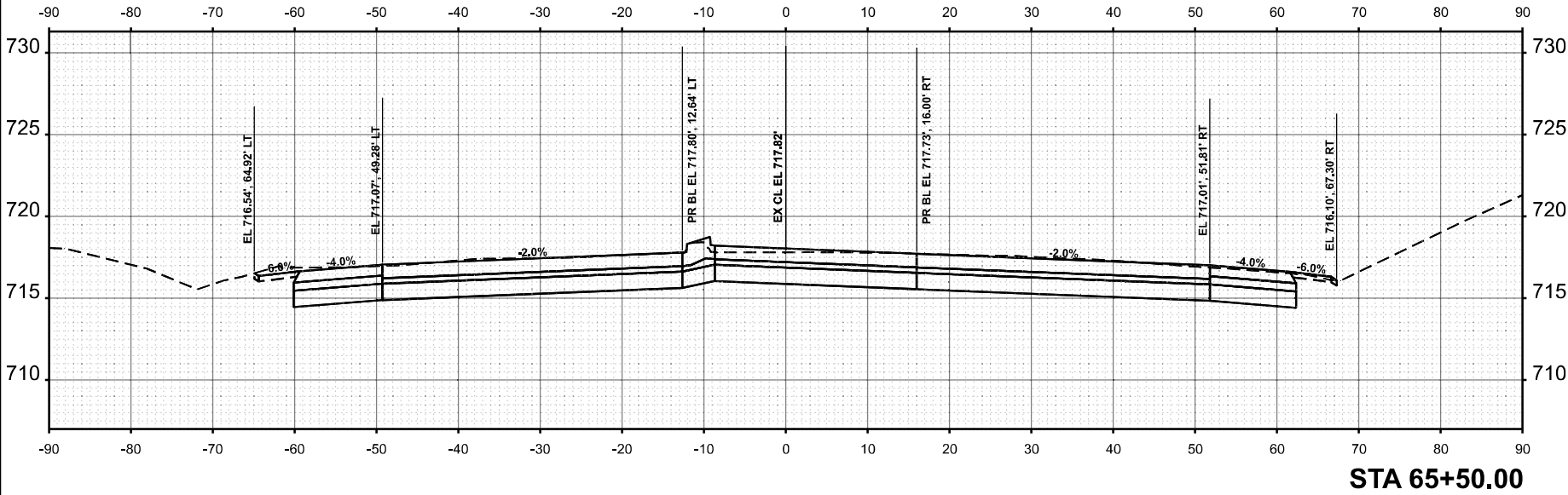
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMPS)
 CROSS SECTIONS

SCALE: 1"=10'
 SHEET 64+00.00 OF

SHEETS STA.
 TO STA.

F.A.P. RITE. 341
 SECTION 2025-200-04S
 COUNTY COOK
 SHEETS 84
 TOTAL SHEET NO. 78
 CONTRACT NO. 80B21
 ILLINOIS FED. AID PROJECT



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

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

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USER NAME = yaseen.queshi
 PLOT DATE = 1/28/2026

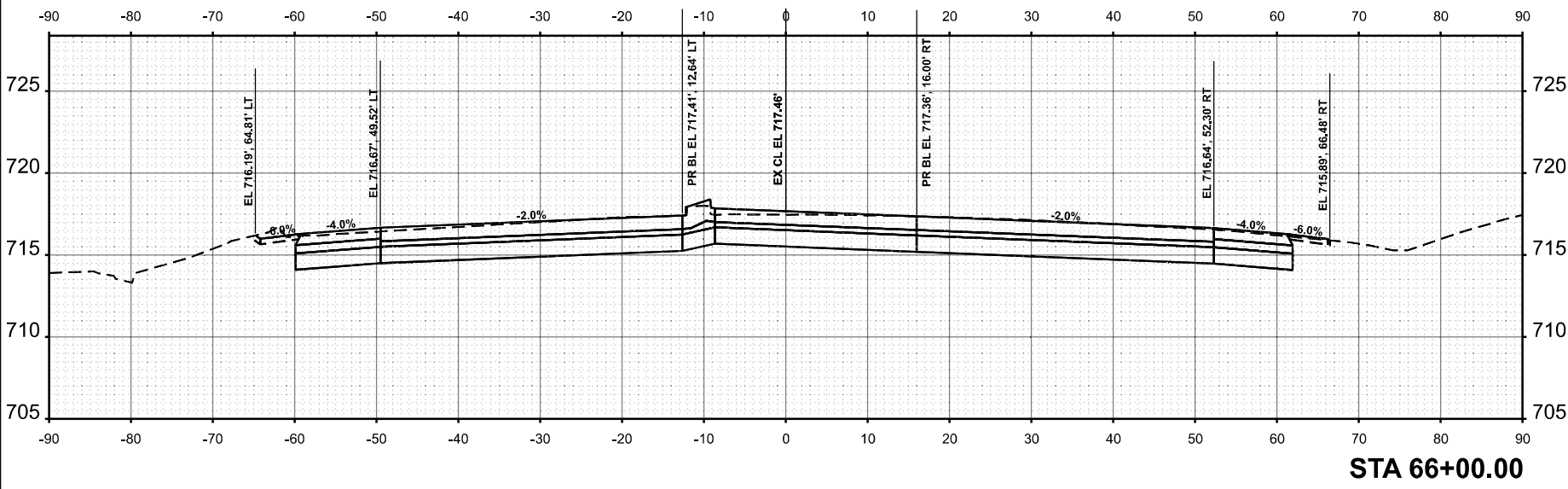
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

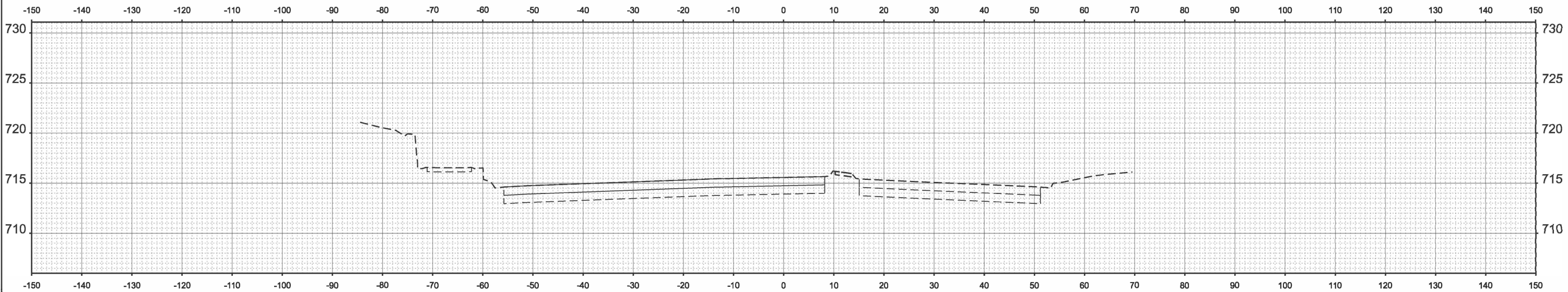
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 72 (HIGGINS RD) FROM N MEACHAM RD TO I-290 (NB RAMP)
 SCALE: 1"=10'
 SHEET 66+00.00 OF
 CROSS SECTIONS
 SHEETS STA.
 TO STA.

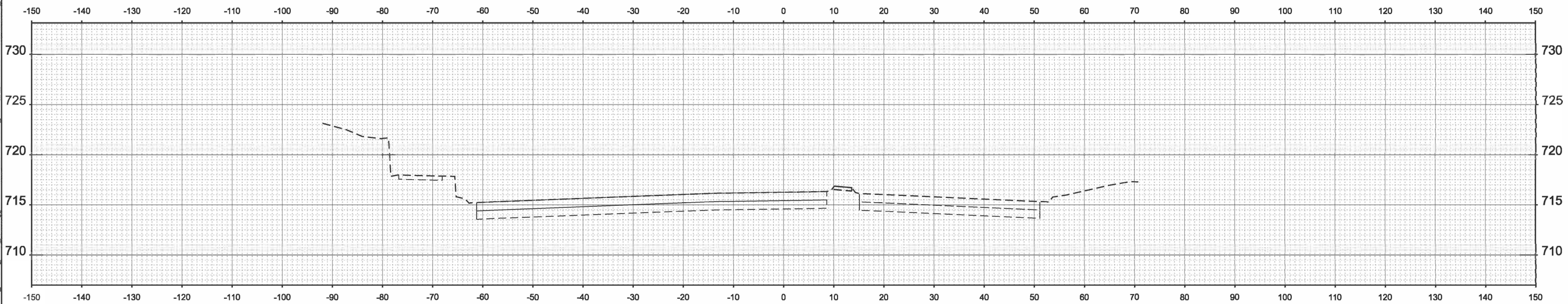
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEET NO.
341	2025-2000-AS	COOK	84
			79
ILLINOIS FED. AID PROJECT	CONTRACT NO.		
	80B21		



STA 66+00.00



STA 121+50.00



STA 121+00.00

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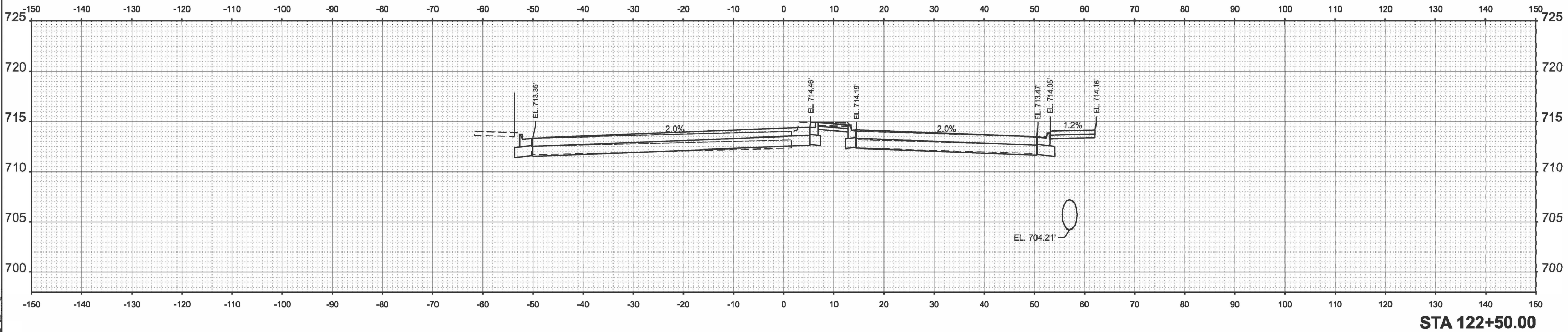
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	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

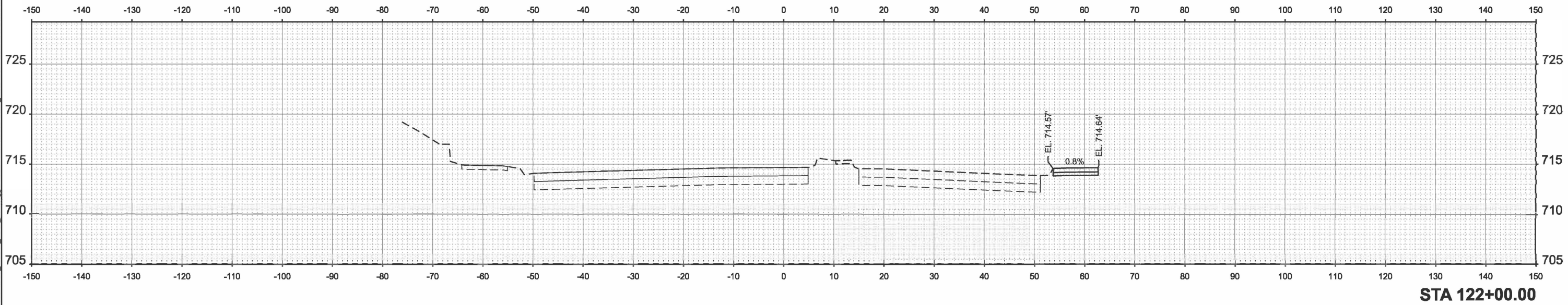
IL ROUTE 58 (GOLF ROAD) UNDER I-290
 CROSS SECTIONS - IL ROUTE 58 (GOLF ROAD)

SCALE: 1"=10' SHEET 1 OF 5 SHEETS STA. 121+00.00 TO STA. 121+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	80
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				



STA 122+50.00



STA 122+00.00

MODEL: EX_GOLF - 122+00.00 (Sheet)
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USER NAME = malvarez	DESIGNED - MLA	REVISED -
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	CHECKED - GJE	REVISED -
PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

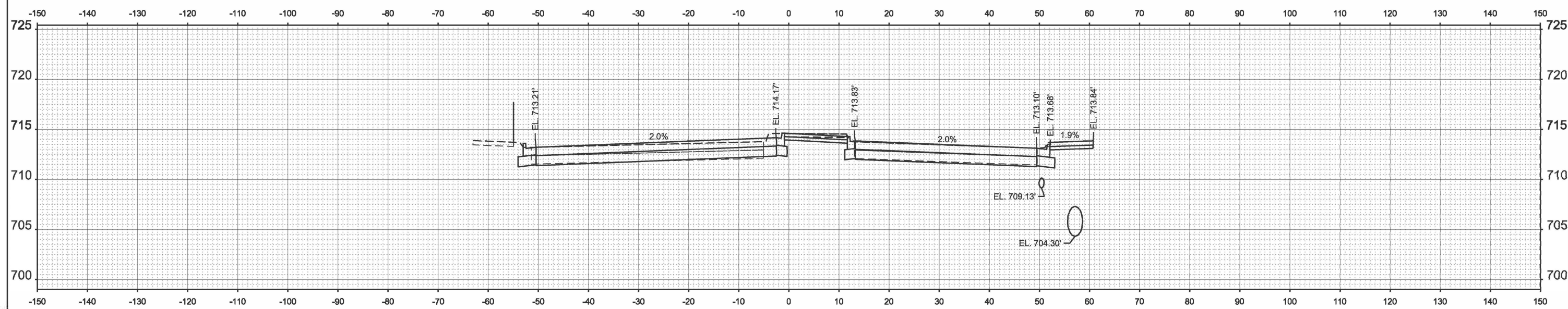
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
CROSS SECTIONS - IL ROUTE 58 (GOLF ROAD)

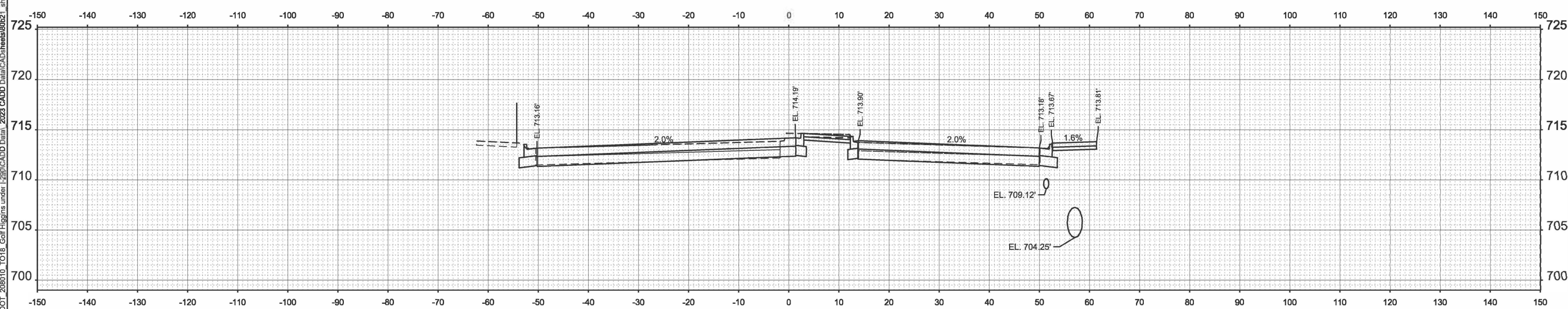
SCALE: 1"=10' SHEET 2 OF 5 SHEETS STA. 122+00.00 TO STA. 122+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	81
			CONTRACT NO. 80B21	
ILLINOIS		FED. AID PROJECT		

MODEL: EX_GOLF - 123+00.00 (Sheet)
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STA 123+50.00



STA 123+00.00

	USER NAME = malvarez	DESIGNED - MLA	REVISED -
		DRAWN - MLA	REVISED -
		CHECKED - GJE	REVISED -
	PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

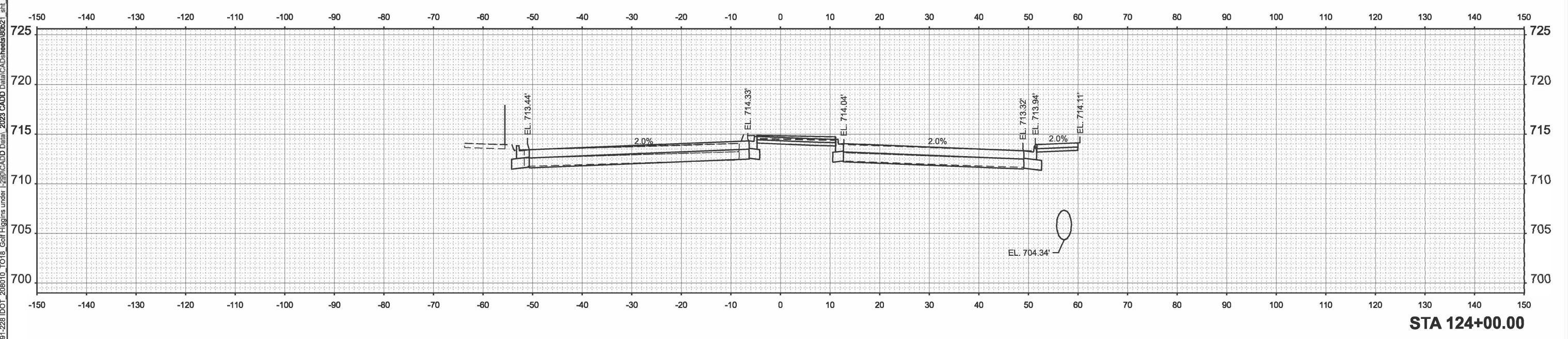
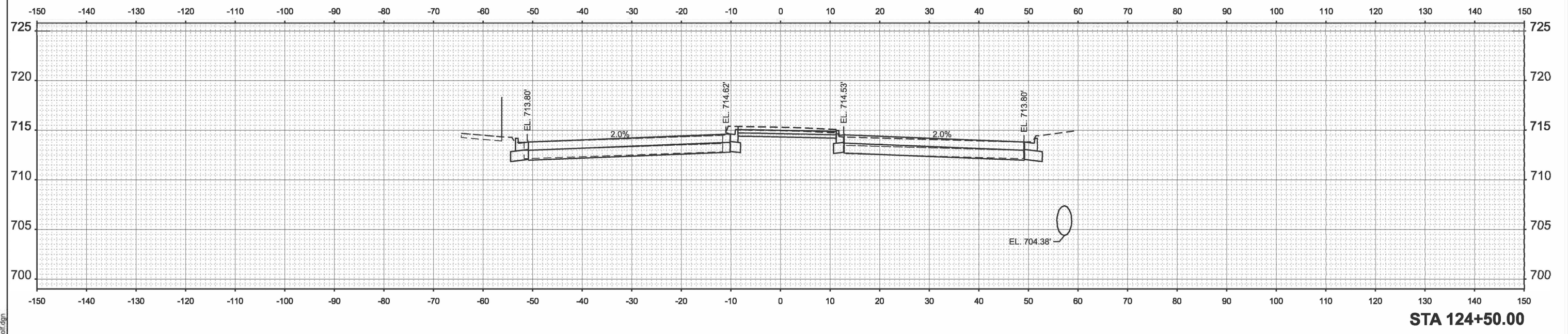
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 CROSS SECTIONS - IL ROUTE 58 (GOLF ROAD)

SCALE: 1"=10' SHEET 3 OF 5 SHEETS STA. 123+00.00 TO STA. 123+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	82
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				

MODEL: EX_GOLF - 124+00.00 (Sheet)
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USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

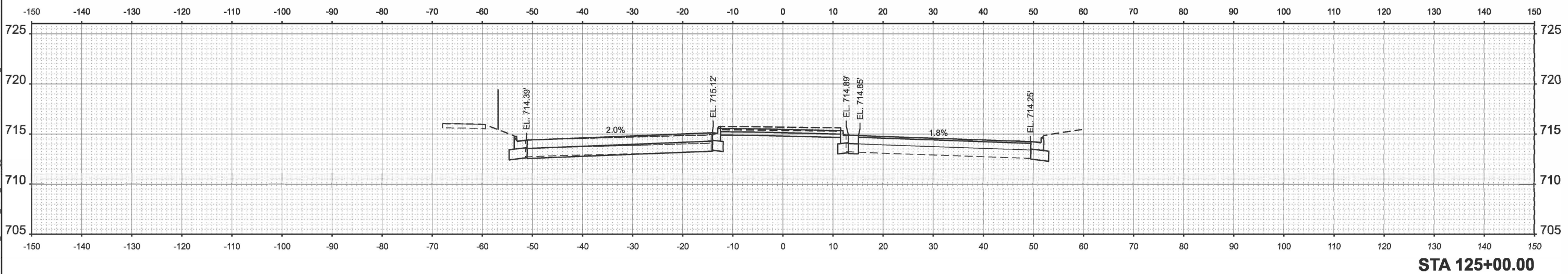
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 CROSS SECTIONS - IL ROUTE 58 (GOLF ROAD)

SCALE: 1"=10' SHEET 4 OF 5 SHEETS STA. 124+00.00 TO STA. 124+50.00

F.A.P. RTE. 341	SECTION 2025-2000-RS	COUNTY COOK	TOTAL SHEETS 84	SHEET NO. 83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B21	

MODEL: EX_GOLF - 125+00.00 (Sheet)
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STA 125+00.00



USER NAME = malvarez	DESIGNED - MLA	REVISED -
	DRAWN - MLA	REVISED -
	CHECKED - GJE	REVISED -
PLOT DATE = 1/13/2026	DATE - 01/13/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 58 (GOLF ROAD) UNDER I-290
 CROSS SECTIONS - IL ROUTE 58 (GOLF ROAD)

SCALE: 1"=10' SHEET 5 OF 5 SHEETS STA. 125+00.00 TO STA. 125+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2025-2000-RS	COOK	84	84
CONTRACT NO. 80B21				
ILLINOIS FED. AID PROJECT				