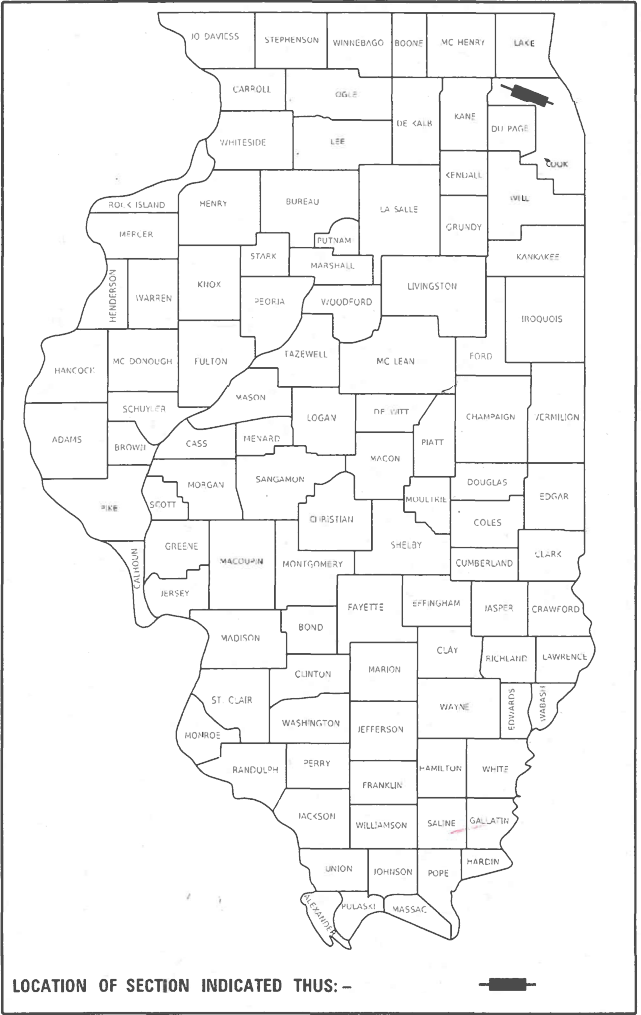


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0341	FAP 0341 23 SMART	COOK	60	1
	ILLINOIS		CONTRACT NO. 62V85		
* 60 + 2 = 62 TOTAL SHEETS					
** 62 + 2 = 64 TOTAL SHEETS					

D-91-063-24



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS AND HIGHWAY  
STANDARDS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGES OF  
SCHAUMBURG & ELK GROVE

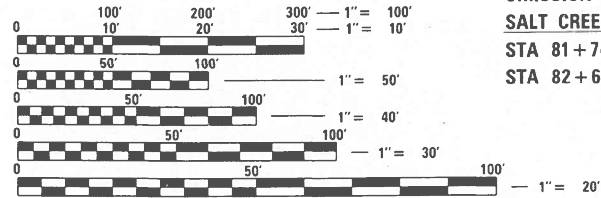
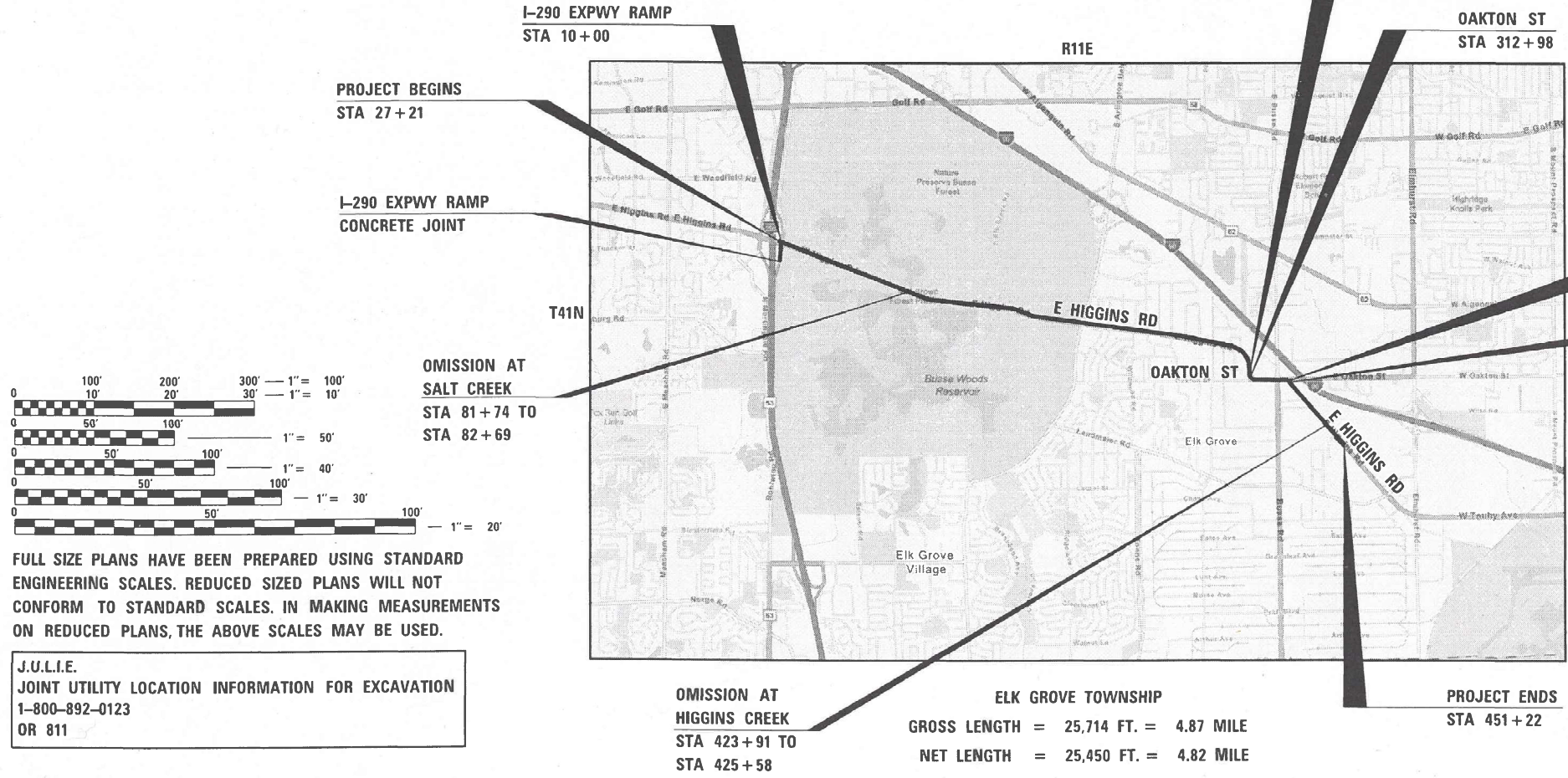
PROPOSED  
HIGHWAY PLANS

FAP ROUTE 0341: IL 72 (HIGGINS ROAD)  
I-290 (EISENHOWER EXPWY) TO NW OF LANDMEIER ROAD  
SECTION: FAP 0341 23 SMART  
PROJECT: NHPP-8SP4(014)  
SMART OVERLAY, ADA IMPROVEMENTS  
COOK COUNTY

C-91-071-24

TRAFFIC DATA

2023 ADT = 21,500 - 29,000 VPD  
POSTED SPEED LIMIT = 35 - 45 MPH  
FUNCTIONAL CLASS = OTHER PRINCIPLE ARTERIAL



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. 62V85

ALEXANDER CARL LANE  
P.E.  
IL LIC. NO. 062-063261  
EXP: 11/30/2025  
DATE: 01/22/2025

INFRASTRUCTURE  
ENGINEERING | INCORPORATED  
1 South Wacker | Suite 2650 | Chicago, IL 60606  
P 312.425.5560 | F 312.425.5561 | www.infrastructure-eng.com

CONTACT: ALEXANDER LANE (312) 477-0620

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED Jan 29<sup>th</sup> 2025  
REGIONAL ENGINEER  
March 21 2025  
ENGINEER OF DESIGN AND ENVIRONMENT  
March 21 2025  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

REVISED SHEET 4/10/2025

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

REV-SEP

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-9	TYPICAL SECTIONS
10-19	ROADWAY AND PAVEMENT MARKING PLANS
20	OFFSET LEFT-TURN LANE (BDE) DETAIL
21-30	ADA RAMP DETAILS
31-37	TS-05: STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEETS 1 TO 7)
38-48	TRAFFIC SIGNALS
49	BD-08: DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
50	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
51	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
52	BD-32: BUTT JOINT AND HMA TAPER DETAILS
52A	TC-08: ENTRANCE RAMP AND EXIT RAMP CLOSURE DETAILS
53	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
54	TC-11: TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLow RESISTANT)
54A-54B	TC-12: MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
55	TC-13: TYPICAL PAVEMENT MARKINGS
56	TC-14: TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
57	TC-16: SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
57A	TC-17: TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER AND PARTIAL RAMP CLOSURES
58	TC-22: ARTERIAL ROAD INFORMATION SIGN
59	TC-26: DRIVEWAY ENTRANCE SIGNING
60	TS-07: DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

STATE STANDARDS


STANDARD NO.	DRAWING NAME
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
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
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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.
- THE CONTRACTOR SHALL 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 SHALL DELIVER THE RECORD TO THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
- 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.
- PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED IN THE CONTRACT SPECIFICATIONS.
- ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 12" AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE SHALL BE BACKFILLED IN ACCORDANCE WITH TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL CONTACT THE IDOT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR DISTRICT ONE CARLOS MUNOZ AT CARLOS.MUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.
- THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.

MODEL: D:\ref4  
FILE NAME: I:\P\2522292-4875-00 IDOT Various Phase 2 (PTB 205-002)MO 24 62\BDDGN\CADD\_Sheets\62\B5-SHT-GENNOTES.dgn

 <div>INFRASTRUCTURE ENGINEERING   INCORPORATED 1 South Wacker   Suite 2650   Chicago, IL 60606 P 312.425.9568   F 312.425.9568   www.infrastructure-eng.com</div>	USER NAME = ATverdoknieb	DESIGNED - JCS	REVISED -  AMT 4/3/2024	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES IL 72 (HIGGINS ROAD)	SCALE: NTS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = NTS	DRAWN - JCS	REVISED -						0341	FAP 0341 23 SMART	COOK	60	2
		CHECKED - ACL	REVISED -						CONTRACT NO. 62V85				
	DATE - 03/25/2025								ILLINOIS   FED. AID PROJECT				

 REVISED SHEET 4/10/2025

MODEL - Detail.dwg  
FILE NAME: P:\17-222-2475-00 IDOT Various Phase 2 (P17B 206-002) \WO 24 62V\BEG\GNACDD\_Sheets\62V\BEG-SHT-SC001.dgn

				CONSTRUCTION CODE			
				0005 ROADWAY		0021 TRAFFIC SIGNAL	
				80% FEDERAL 20% STA TE	100% STATE	80% FEDERAL 20% STATE	
PAY ITEM NUMBER	DESIGNATION	UNIT	URBAN TOTAL QUANTITY				
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	233.9	233.9			
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	233.9	233.9			
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	233.9	233.9			
20200100	EARTH EXCAVATION	CU YD	3,220	3,220			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	150	150			
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	12,380	12,380			
25000210	SEEDING, CLASS 2A	ACRE	2.59	2.59			
25200110	SODDING, SALT TOLERANT	SQ YD	150	150			
25200200	SUPPLEMENTAL WATERING	UNIT	626.6	626.6			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	42	42			
28000510	INLET FILTERS	EACH	12	12			
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	328	328			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	88,885	88,885			
40600370	LONGITUDINAL JOINT SEALANT	FOOT	92,592	92,592			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	297	297			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,185	1,185			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT 9.5 MIX "F" NMO	TON	20,064	20,064			
42001300	PROTECTIVE COAT	SQ YD	9,952	9,952			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,260	4,260			
42400800	DETECTABLE WARNINGS	SQ FT	273	273			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	197,522	197,522			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1,543	1,543			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	20,493	20,493			

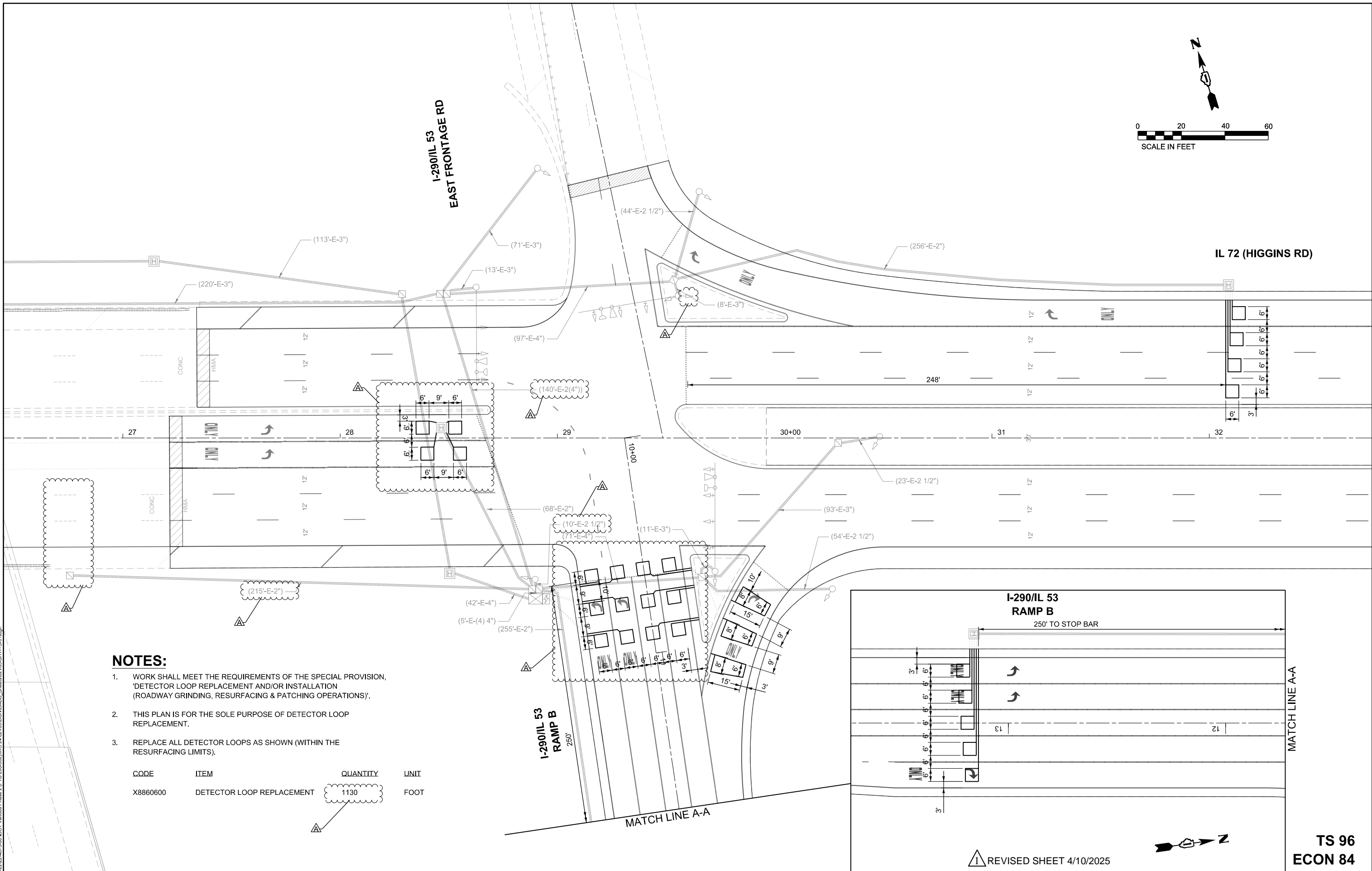
\* = SPECIALTY ITEM

				CONSTRUCTION CODE			
				0005 ROADWAY		0021 TRAFFIC SIGNAL	
				80% FEDERAL 20% STA TE	100% STATE	80% FEDERAL 20% STATE	
PAY ITEM NUMBER	DESIGNATION	UNIT	URBAN TOTAL QUANTITY				
44000100	PAVEMENT REMOVAL	SQ YD	76	76			
44000600	SIDEWALK REMOVAL	SQ FT	3,075	3,075			
44003100	MEDIAN REMOVAL	SQ FT	117,816	117,816			
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	168	168			
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	4,520	4,520			
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	1,180	1,180			
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	2,918	2,918			
56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	116	116			
60404950	FRAMES AND GRATES, TYPE 24	EACH	7	7			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	27	27			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	14	14			
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	20,112	20,112			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6,404	6,404			
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	688	688			
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3,220	3,220			
66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6			
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			

1 REVISED SHEET 4/10/2025

	INFRASTRUCTURE ENGINEERING   INCORPORATED 1 South Wacker   Suite 2650   Chicago, IL 60606 P 312.425.9560   F 312.425.9564   www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - JCS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES IL 72 (HIGGINS ROAD)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = NTS	DRAWN - JCS	REVISED -				0341	FAP 0341 23 SMART	COOK	60	3
		CHECKED - ACL	DATE - 02/04/2025	REVISED -				CONTRACT NO. 62V85				
								ILLINOIS   FED. AID PROJECT				
		SCALE: NTS			STA.	TO STA.						





1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, 'DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS)'.
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
3. REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS).

CODE	ITEM	QUANTITY	UNIT
X8860600	DETECTOR LOOP REPLACEMENT	1130	FOOT

QUANTITY

1130

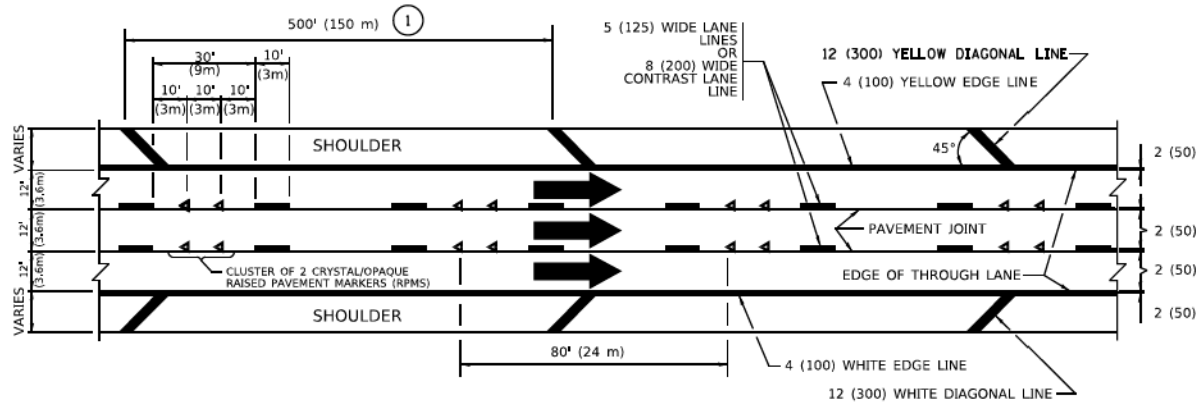
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**DETECTOR LOOP REPLACEMENT PLAN**  
**IL 72 (HIGGINS ROAD) AT I-290ML 53 RAMP B /E FRONTAGE ROAD**

1 REVISÉD SHEET 4/10/2025

TS 96  
ECON 84

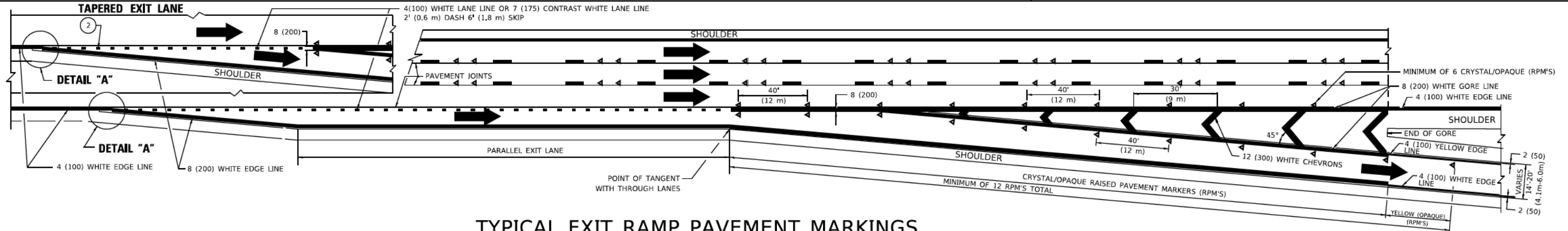
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		CONTRACT NO. 62V85		
ILLINOIS		FED. AID PROJECT		



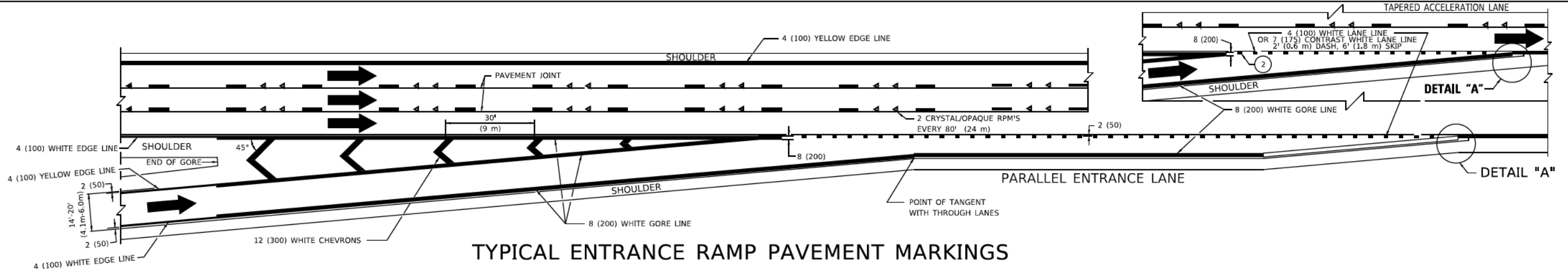
TYPICAL EDGE LINES & LANE LINES

### PAVEMENT MARKING MATERIALS

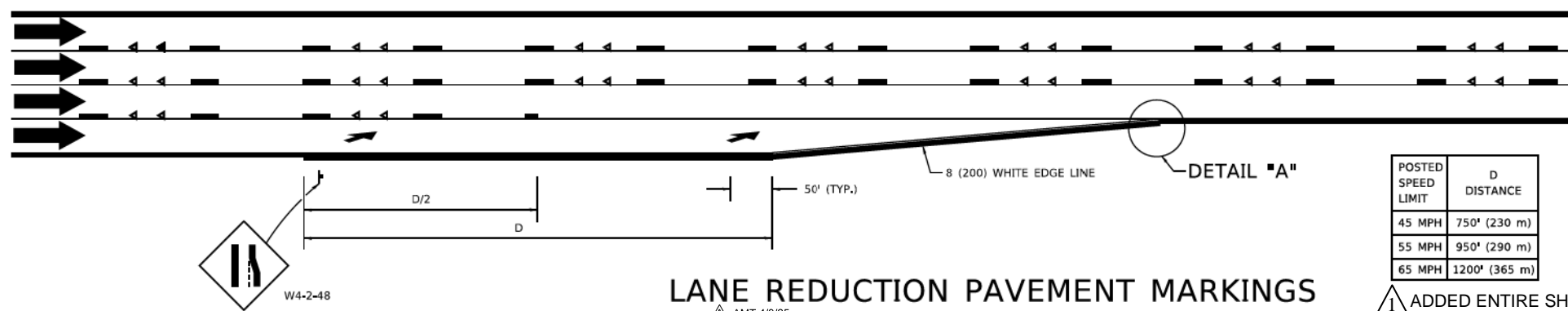
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE D, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



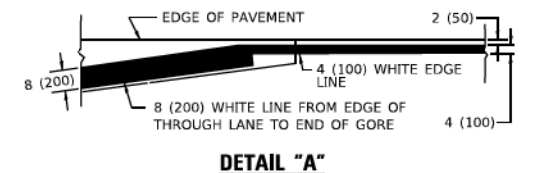
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS



### NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH, THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

ADDED ENTIRE SHEET 4/10/2025

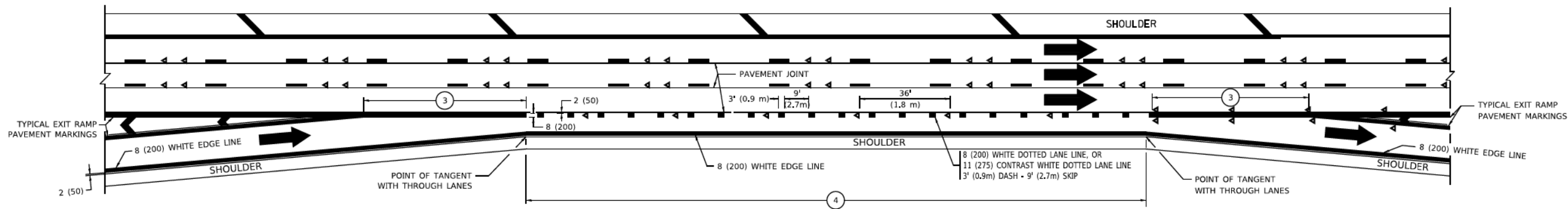
USER NAME - Lawrence,DeManche	DESIGNED - D.W.S.	REVISED - S.P.B. 01-10
PLOT SCALE = 100,0000' / 1in.	DRAWN -	REVISED - M.D. 05-13
PLOT DATE = 11/18/2022	CHECKED -	REVISED - M.D. 09-17
	DATE - 01-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

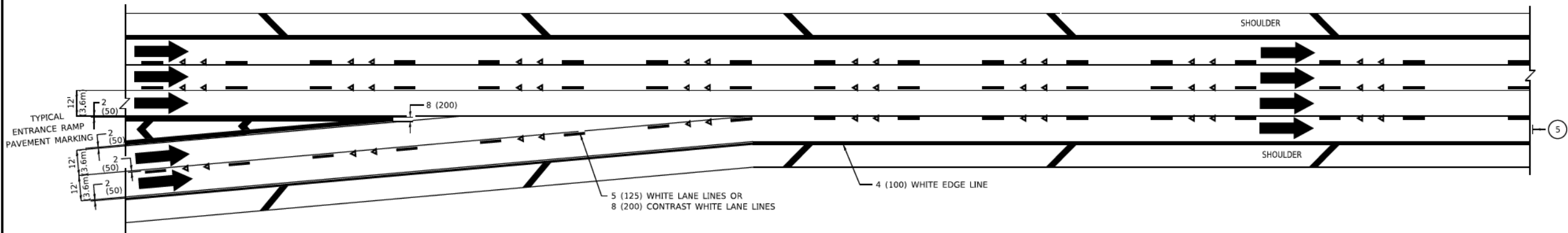
MULTI-LANE FREEWAY  
PAVEMENT MARKING DETAILS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

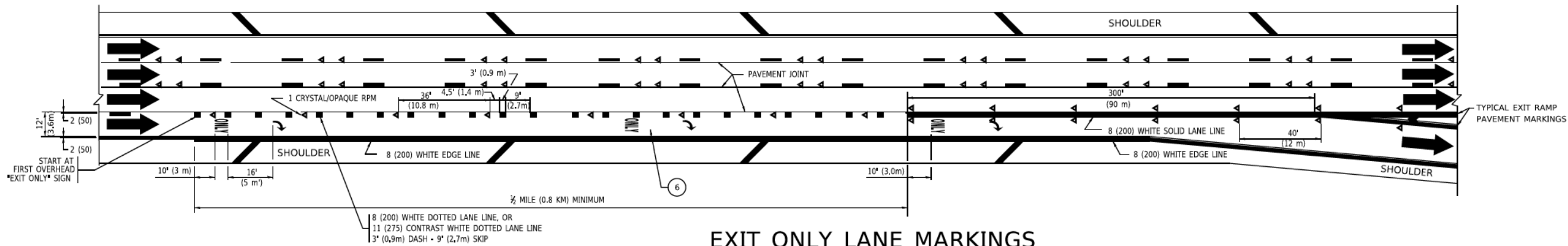
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	54A
TC-12		CONTRACT NO. 62V85		
ILLINOIS		FED. AID PROJECT		



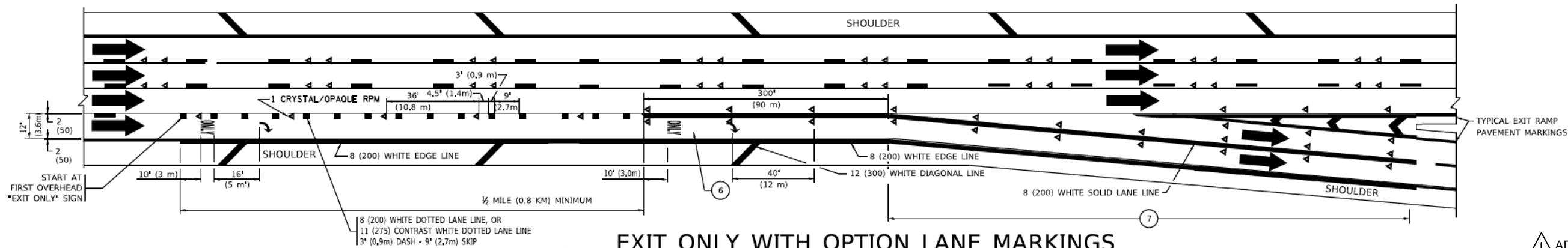
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

NOTES:

- 3 OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
- 4 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
- 5 FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
- 6 ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED..
- 7 CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

1 ADDED ENTIRE SHEET 4/10/2025

USER NAME	footem	DESIGNED	-	D.W.S.	REVISED	-	J.A.F. 02-06
DRAWN		REVISED	-	S.P.B. 01-07			
PLOT SCALE	= 50,0000 ' / in.	CHECKED	-		REVISED	-	S.P.B. 01-10
PLOT DATE	= 3/4/2019	DATE	-	01-90	REVISED	-	M.D. 09-17

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY  
PAVEMENT MARKING DETAILS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	54B
TC-12		CONTRACT NO. 62V85		
		ILLINOIS	FED. AID PROJECT	