

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 + 4 = 66 TOTAL SHEETS					

D-91-063-24



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

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

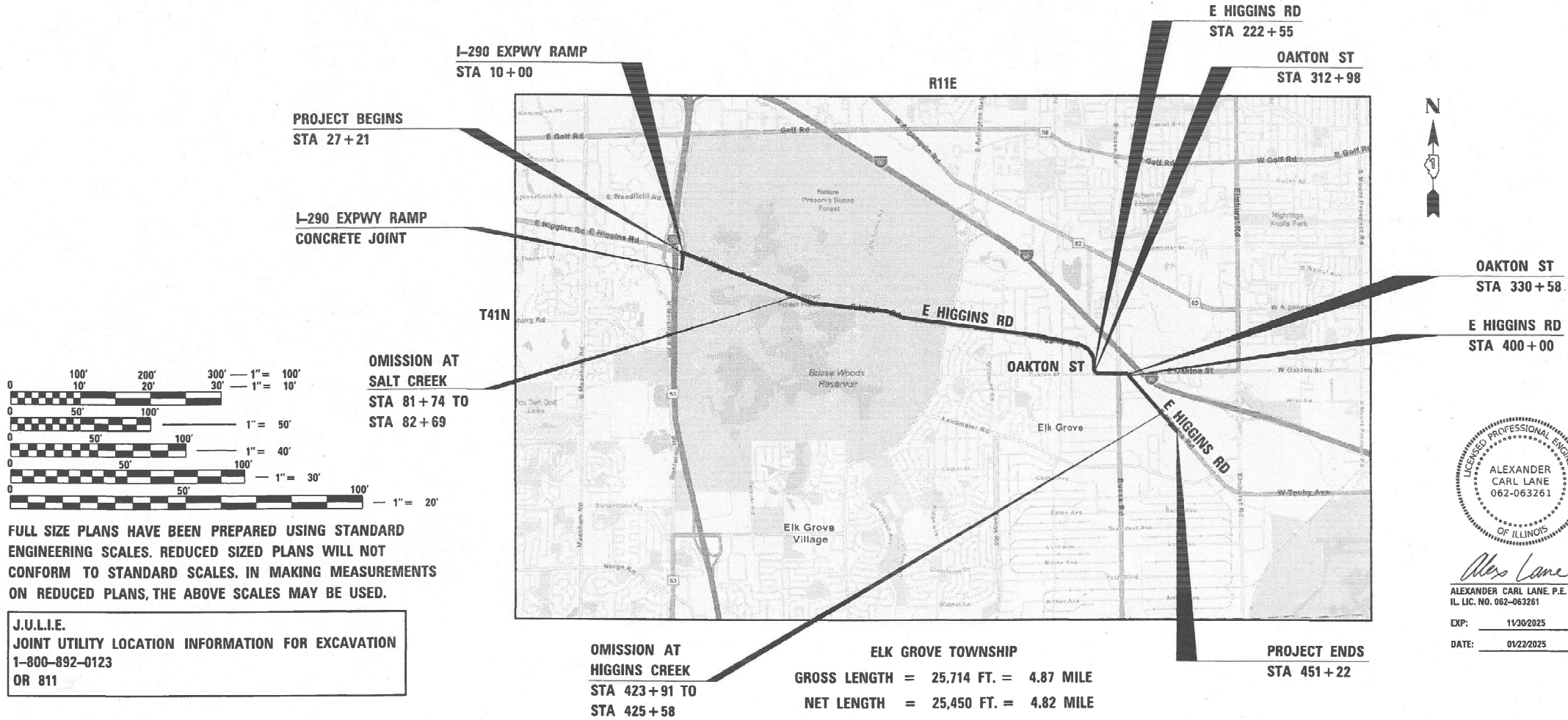
PROPOSED
HIGHWAY PLANS

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.
062-063261
EXP: 11/30/2025
DATE: 01/22/2025

INFRASTRUCTURE
ENGINEERING | INCORPORATED
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CONTACT: ALEXANDER LANE (312) 477-0620

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Jan 29th 20 25
March 21 20 25
March 21 20 25
REGIONAL ENGINEER
ENGINEER OF DESIGN AND ENVIRONMENT
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

REVISED SHEET 9/4/2026

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV-SEP

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STATE STANDARDS

STANDARD NO.	DRAWING NAME
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
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.

1 REVISED SHEET 9/4/2026

MODEL: D:\infrastructure\1\Projects\CH22\222-4675-00 IDOT Vardius Phase 2 (PTB 206-02)\VVO 24 62\065 (Sheet)\DGN\CADD_Sheets\62\66-SHT-GENNOTES.dgn
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MODEL: 06601 FILE NAME: ICI  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 -  AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES 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	2
	CHECKED - ACL	REVISIED -				CONTRACT NO. 62V85				
	DATE - 09/02/2026					ILLINOIS FED. AID PROJECT				
SCALE: NTS		STA.		TO STA.						

MODEL - Default
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CONSTRUCTION CODE				URBAN	TOTAL QUANTITY	UNIT	DESIGNATION	PAY ITEM NUMBER
0005 ROADWAY		0021 TRAFFIC SIGNAL		80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE		
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 FLANGEWAYS	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" NAO	TON	20,064	20,064				
42000060	WELDED WIRE REINFORCEMENT	SQ YD	614	614				
42001300	PROTECTIVE COAT	SQ YD	10,144	10,144				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,260	4,260				
42400800	DETECTABLE WARNINGS	SQ FT	273	273				
44000100	PAVEMENT REMOVAL	SQ YD	77	77				
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				URBAN	TOTAL QUANTITY	UNIT	DESIGNATION	PAY ITEM NUMBER
0005 ROADWAY		0021 TRAFFIC SIGNAL		80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE		
44000600	SIDEWALK REMOVAL	SQ FT	3,075	3,075				
44003100	MEDIAN REMOVAL	SQ FT	118,212	118,212				
44201000	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	614	614				
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	168	168				
44201299	DOWEL BARS 1 1/2"	EACH	450	450				
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	3,030	3,030				
44213200	SAW CUTS	FOOT	993	993				
56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5				
60300300	PROTECTIVE COAT	SQ YD	614	614				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	116	116				
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2				
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				
60610300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6,798	6,798				
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	689	689				
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 9/4/2026

INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9580 F 312.425.9584 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	REVISED -		CONTRACT NO. 62V85								
		DATE - 02/04/2025			ILLINOIS FED. AID PROJECT								
SCALE: NTS					STA.	TO STA.							

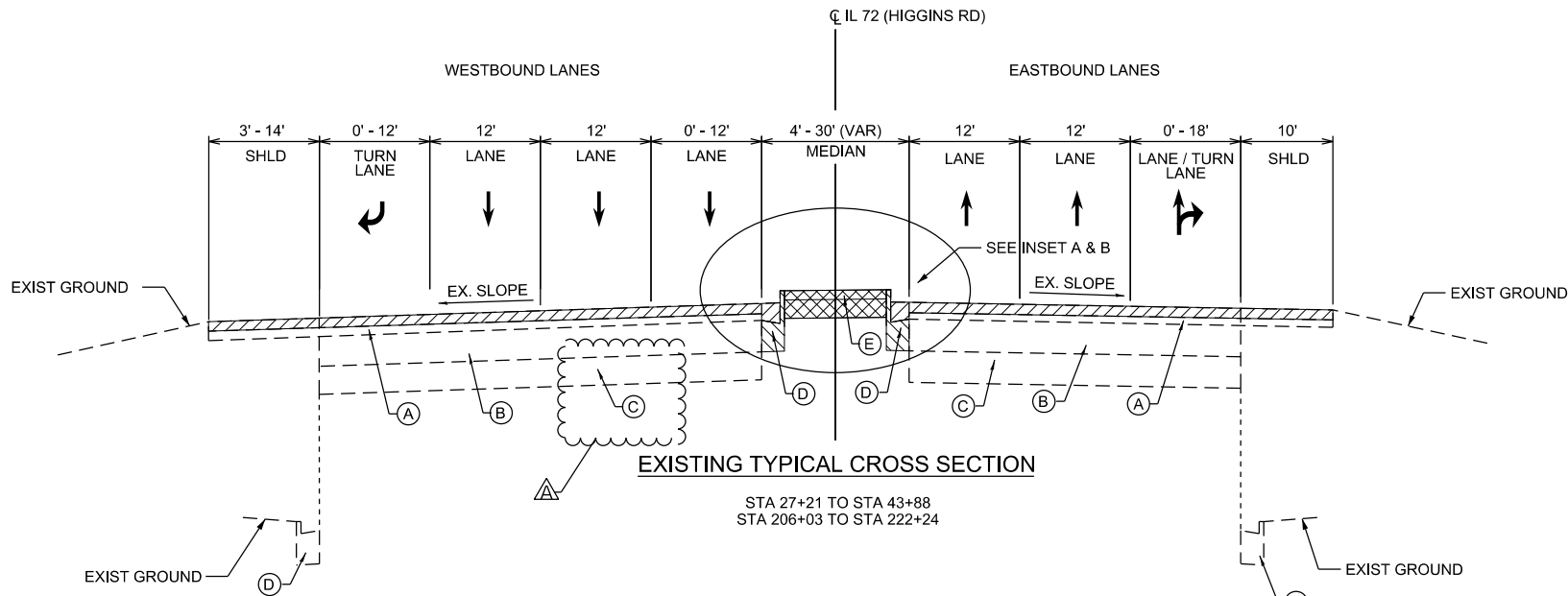
MODEL - Detail
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PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005 ROADWAY		0021 TRAFFIC SIGNAL
				80% FEDERAL 20% STA TE	100% STATE	80% FEDERAL 20% STATE
		URBAN				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CALDA	50	50		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	20,124	20,124		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	31,649	31,649		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	3,474	3,474		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	75,499	75,499		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	13,260	13,260		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	5,367	5,367		1
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	1,413	1,413		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	75,499	75,499		
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,474	3,474		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	75,499	75,499		
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	490	490		
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	13,260	13,260		
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,160	2,160		
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	5,367	5,367		1
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,413	1,413		
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	41	41		1
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,135	1,135		
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	24	24		1
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,135	1,135		
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	88	88		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5,034	5,034		1
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	62	62		
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	94			94
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	14	14		1
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4,107			4,107
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	716			716
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60			60

* = SPECIALTY ITEM

PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				0005 ROADWAY		0021 TRAFFIC SIGNAL
				80% FEDERAL 20% STA TE	100% STATE	80% FEDERAL 20% STATE
		URBAN				
87900200	DRILL EXISTING HANDHOLE	EACH	6			6
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3			3
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			2
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1		
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	1,241			1,241
X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3			3
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3			3
X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	12,976	12,976		
X4202010	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	614	614		1
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	4,048	4,048		
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	2,604	2,604		1
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	7,185		7,185	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	40	40		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	18	18		
X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1	1		
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18			18
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24			24
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	6,330			6,330
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	2	2		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	215		215	
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	278	278		
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2			2
Z0076600	TRAINEES	HOURL	1000	1000		
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURL	1000	1000		

1 REVISED SHEET 9/4/2026 0042



EXISTING CURB & GUTTER

TYPE B-6.24 STA 206+03 TO STA 207+29

MEDIAN C&G REMOVAL

*TYPE B-9.12 EB STA 29+96 TO STA 39+95
*TYPE B-9.12 WB STA 29+96 TO STA 39+95
*TYPE B-6.12 EB STA 41+53 TO STA 43+88
*TYPE B-9.12 WB STA 41+53 TO STA 43+88

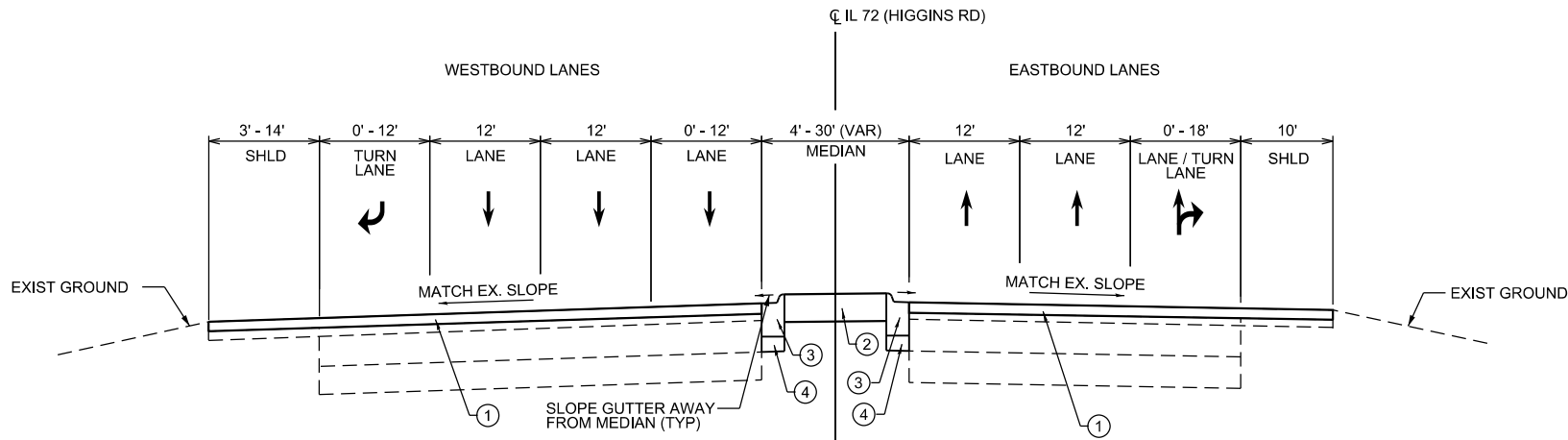
* EXISTING GUTTER IS OVERLAID WITH 3" HMA,
FROM PAST PROJECT 60M10

MEDIAN REMOVAL

STA 41+53 TO STA 43+88

EXISTING CURB & GUTTER

TYPE B-6.24 STA 206+03 TO STA 206+36



PROPOSED TYPICAL CROSS SECTION

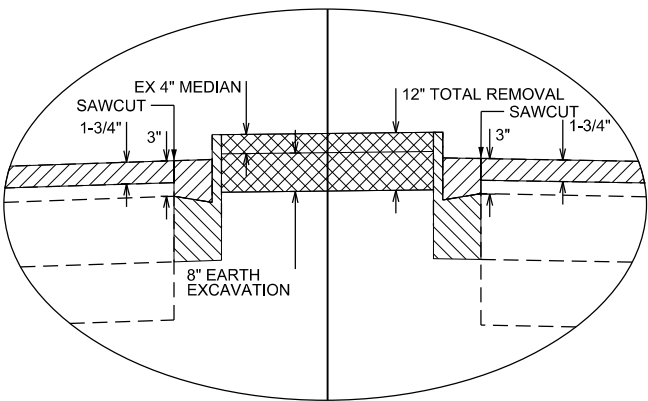
STA 27+21 TO STA 43+88
STA 206+03 TO STA 222+24

LEGEND

- (A) EXISTING HOT-MIX ASPHALT, +/- 3"
- (B) EXISTING P.C.C. BASE COURSE, +/- 10"
- (C) EXISTING SUB-BASE GRANULAR MATERIAL, VARIES
- (D) EXISING COMBINATION CONCRETE CURB AND GUTTER
- (E) EXISTING PCC MEDIAN SURFACE, 4"
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
- (2) TOPSOIL FURNISH AND PLACE, 12"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (4) AGGREGATE BASE COURSE, TYPE B, 3"

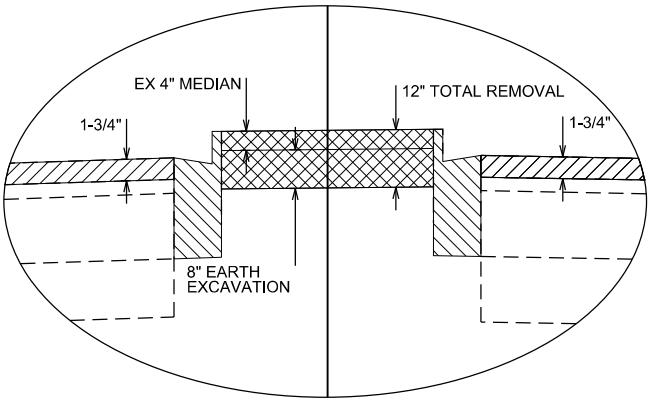
- HOT-MIX ASPHALT REMOVAL, 1-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- MEDIAN REMOVAL WITH EARTH EXCAVATION TO 12" BELOW GRADE

- NOTES:
- THE CONTRACTOR SHALL MILL FIRST THEN PATCH
 - THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE



INSET A

- EXISTING MEDIAN CURB TYPE B-9.12 GUTTER FLAG IS OVERLAID WITH 3" HMA
- NOTES:
- THE REMOVAL OF THE HMA OVERLAY OF THE MEDIAN GUTTER FLAG SHALL BE INCLUDED IN THE COST FOR CURB REMOVAL.
 - THE SAW CUTS FOR THE MEDIAN CURB REMOVAL SHALL BE INCLUDED IN THE COST FOR CURB REMOVAL.



INSET B

EXISTING MEDIAN CURB TYPE B-6.12

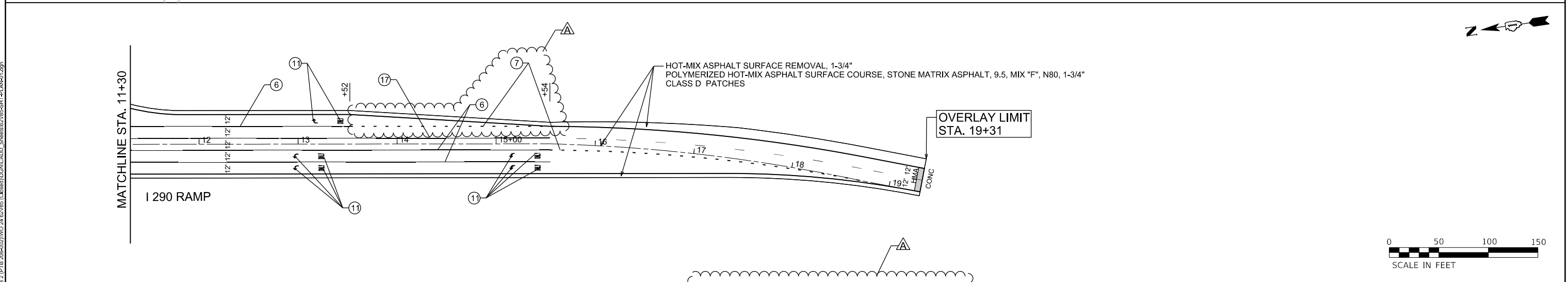
- SUGGESTED SEQUENCE OF CONSTRUCTION FOR THE MEDIAN IMPROVEMENT:
- REMOVE EXIST. PCC MEDIAN SURFACE.
 - REMOVE EXIST. MEDIAN CURB & GUTTER. NOTE THAT THE GUTTER FLAG IS OVERLAID WITH HMA. SAW CUT AT EDGE-OF-PAVEMENT TO PROVIDE CLEAN SEPARATION WHEN REMOVING THE EXIST. CURB & GUTTER. THE SAW CUTS SHALL BE INCLUDED IN THE COST FOR THE CURB REMOVAL.
 - PAY ITEM 44000161 HMA SRF. REMOVAL, 3" IS PROVIDED, IN CASE THE REMOVAL OF THE EXIST. HMA OVERLAY OF THE MEDIAN GUTTER FLAG IS REQUIRED PRIOR TO THE REMOVAL OF THE CURB & GUTTER.
- IF 44000161 SRF. REMOVAL 3" IS NOT USED, THE QUANTITY SHALL BE DELETED FROM THE CONTRACT WITHOUT COMPENSATION TO THE CONTRACTOR.
 - INSTALL THE NEW PROP. M-6.12 MEDIAN CURB & GUTTER.
 - REMOVE EXIST. SOIL WITHIN THE MEDIAN.
 - INSTALL PROP. TOPSOIL WITHIN THE MEDIAN.
 - HMA SURFACE REMOVAL FOR THE MAINLINE PAVEMENT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE		AIR VOIDS @ Ndes	
SMART OVERLAY			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80		3.5% @ 80 GYR	PFP
PATCHING			
CLASS D PATCHES (HMA BINDER IL-19 mm)		4.0% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QAQC): QUALITY CONTROL FOR PERFORMANCE (QCP): PAY FOR PERFORMANCE (PFP)			

MIXTURE REQUIREMENT NOTES:

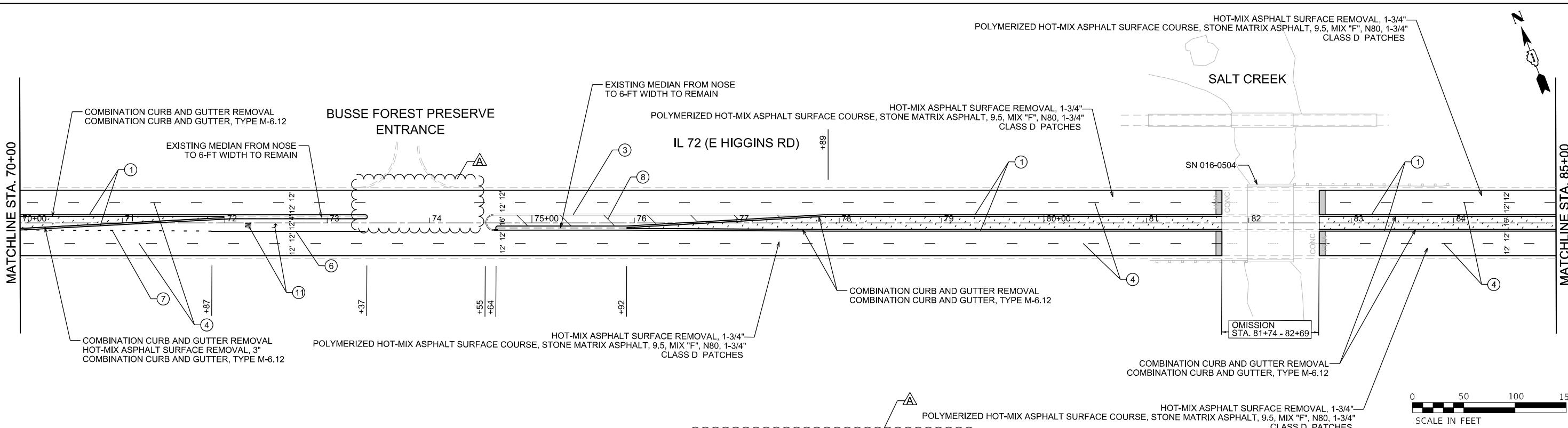
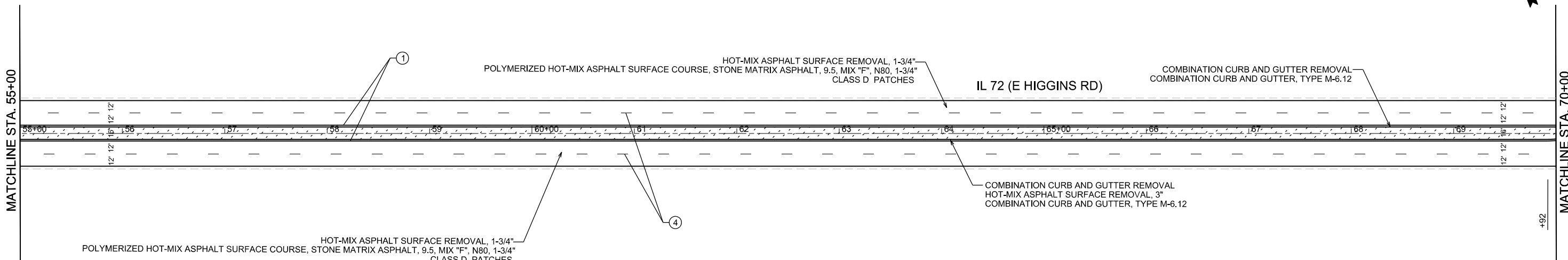
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

MODEL: D:\infrastructure\CHS\181\Projects\CHS\181\222+24\675+00 DOT Various Phase 2 (PTB 206+03 TO STA 207+29) (WVO 24 62V06 (Chad))\DGN\CADD_Sheets\62V06\62V06-SHT-TYPICAL-01.dgn
FILE NAME: CHS\181\Projects\CHS\181\222+24\675+00 DOT Various Phase 2 (PTB 206+03 TO STA 207+29) (WVO 24 62V06 (Chad))\DGN\CADD_Sheets\62V06\62V06-SHT-TYPICAL-01.dgn



PAVEMENT MARKING LEGEND										NOTES																													
① LINE 4", SOLID, YELLOW - EDGE LINE (TYP) ② LINE 4", SOLID WHITE - EDGE LINE (TYP) ③ LINE 4", DOUBLE SOLID YELLOW, 2 @ 11" C-C - (TYP) ④ LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP) ⑤ LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - LANE LINES (TYP) ⑥ LINE 6", SOLID WHITE - TURN LANE MARKING (TYP) ⑦ LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)										⑧ LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75" C-C (5 MINIMUM) (TYP) ⑨ LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP) ⑩ LINE 24", SOLID, WHITE - STOP LINES (TYP) ⑪ LETTERS & SYMBOLS, SOLID WHITE (TYP) ⑫ LINE 8", SOLID WHITE - EDGE LINE (TYP) ⑬ LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP) ⑭ LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP) ⑮ LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)										⑮ LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP) ⑮ LINE 5", SOLID, WHITE ⑮ LINE 8", DOTTED 3'-9" SKIP LINE LEGEND HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED MEDIAN REMOVAL (PCC 4") EARTH EXCAVATION, 8" TOPSOIL FURNISH AND PLACE, 12" SEEDING, CLASS 2A N-P-K FERTILIZER NUTRIENT SUPPLEMENTAL WATERING EROSION CONTROL BLANKET (SPECIAL)										1. LIMIT OF RESURFACING ON THE SIDE STREET THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN. 2. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON HMA PAVEMENT. 3. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL. 4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.									
INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9564 F 312.425.9564 www.infrastructure-eng.com USER NAME = Alane DESIGNED - JCS DRAWN - JCS CHECKED - ACL DATE - 09/02/2026 REVISED - AMT 8/31/26 REVISED - REVISED -										STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION ROADWAY AND PAVEMENT MARKING PLANS IL 72 (HIGGINS ROAD) SCALE: 1"=50' STA. TO STA. F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 0341 FAP 0341 23 SMART COOK 60 10 CONTRACT NO. 62VB85 ILLINOIS FED. AID PROJECT																													

MODEL: D:\infra\11\Projects\CH22\224675-00 DOT Various Phase 2 (RTB 206-02)\WVO 24 62\065 (Sheet)\DGN\CADD_Sheets\62\62-SHT-PLAN-02.dgn
FILE NAME: CH22\11\Projects\CH22\224675-00 DOT Various Phase 2 (RTB 206-02)\WVO 24 62\065 (Sheet)\DGN\CADD_Sheets\62\62-SHT-PLAN-02.dgn



PAVEMENT MARKING LEGEND

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- ③ LINE 4", DOUBLE SOLID YELLOW, 2 @ 11" C-C - (TYP)
- ④ LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
- ⑤ LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - LANE LINES (TYP)
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- ⑦ LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)

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- ⑨ LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP)
- ⑩ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑪ LETTERS & SYMBOLS, SOLID WHITE (TYP)
- ⑫ LINE 8", SOLID WHITE - EDGE LINE (TYP)
- ⑬ LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP)
- ⑭ LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP)
- ⑮ LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)

- ⑯ LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)
- ⑰ LINE 5", SOLID, WHITE
- ⑱ LINE 8", DOTTED 3'-9" SKIP LINE

LEGEND

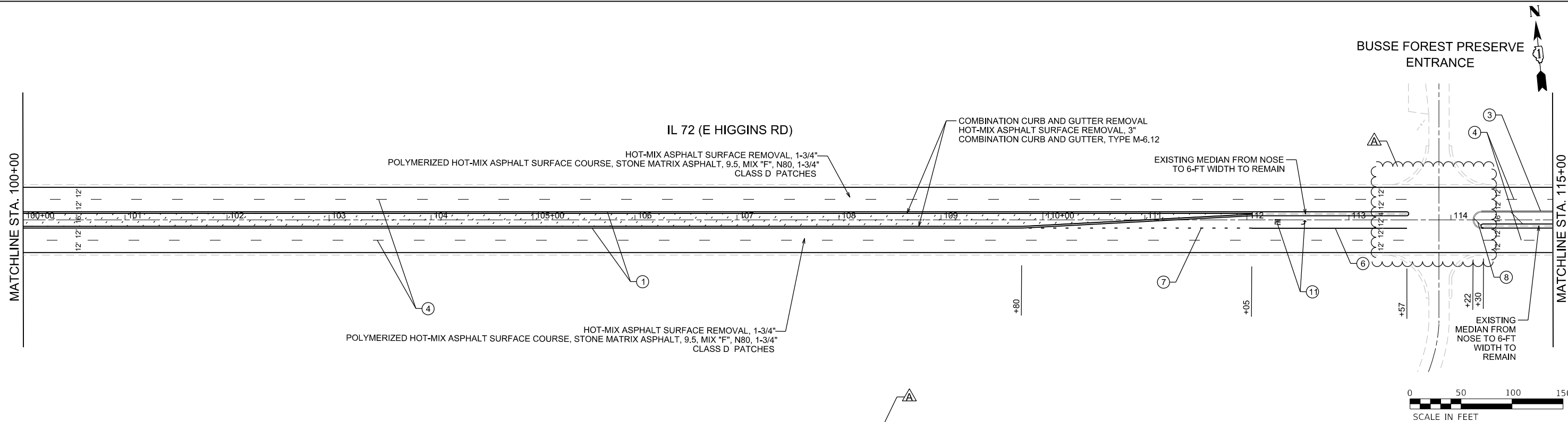
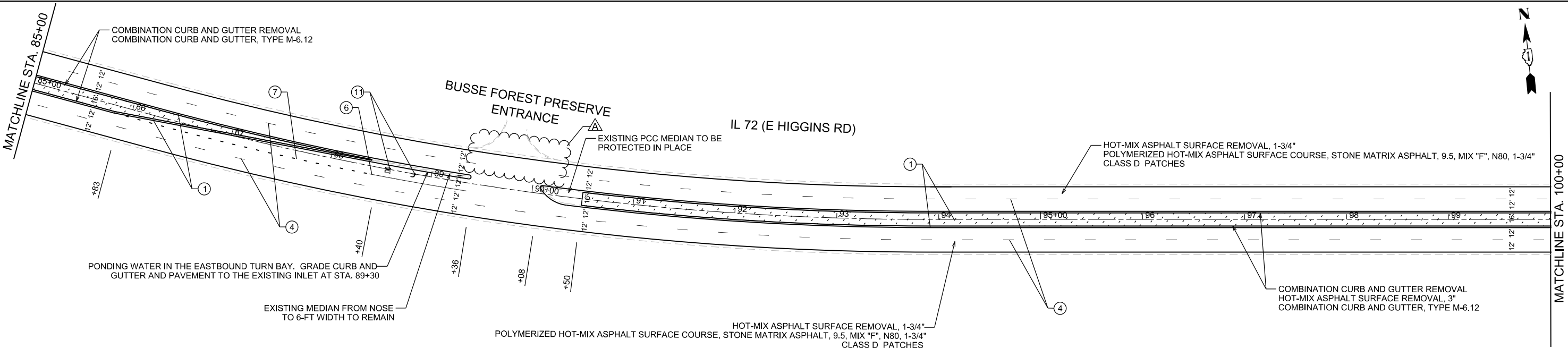
- HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED
- MEDIAN REMOVAL (PCC 4")
EARTH EXCAVATION, 8"
TOPSOIL FURNISH AND PLACE, 12"
SEEDING, CLASS 2A
N-P-K FERTILIZER NUTRIENT
SUPPLEMENTAL WATERING
EROSION CONTROL BLANKET (SPECIAL)

NOTES

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 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9569 F 312.425.9568 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - JCS	REVISED -  AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLANS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	DRAWN - JCS	REVISED -		IL 72 (HIGGINS ROAD)				0341	FAP 0341 23 SMART	COOK	60	11
		CHECKED - ACL	REVISED -						CONTRACT NO. 62V85				
		DATE - 09/02/2026							ILLINOIS FED. AID PROJECT				
					SCALE: 1"=50'				STA.		TO STA.		

MODEL D:\dell4\CHAS\181\Project\CHAS\181\22\224675-00 DOT Various Phase 2 (PTB 206-02)\WO 24 62V85 (CHAS)\DGN\CADD_Sheets\62V85-SHT-PLAN-03.dgn
FILE NAME: CHAS\181\Project\CHAS\181\22\224675-00 DOT Various Phase 2 (PTB 206-02)\WO 24 62V85 (CHAS)\DGN\CADD_Sheets\62V85-SHT-PLAN-03.dgn



PAVEMENT MARKING LEGEND

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- ⑩ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑪ LETTERS & SYMBOLS, SOLID WHITE (TYP)
- ⑫ LINE 8", SOLID WHITE - EDGE LINE (TYP)
- ⑬ LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP)
- ⑭ LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP)
- ⑮ LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)

⑯ LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)

⑰ LINE 5", SOLID, WHITE

⑱ LINE 8", DOTTED 3'-9' SKIP LINE

LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED

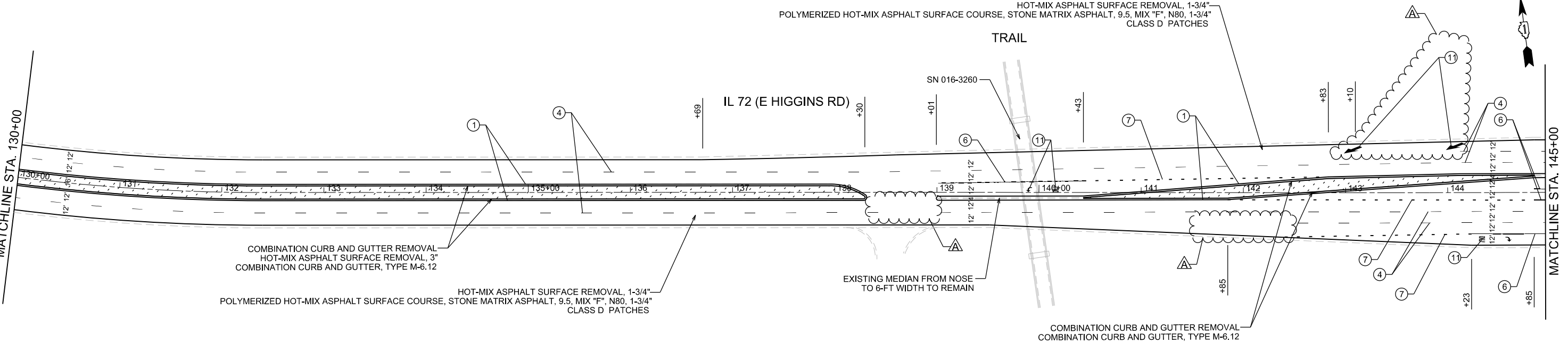
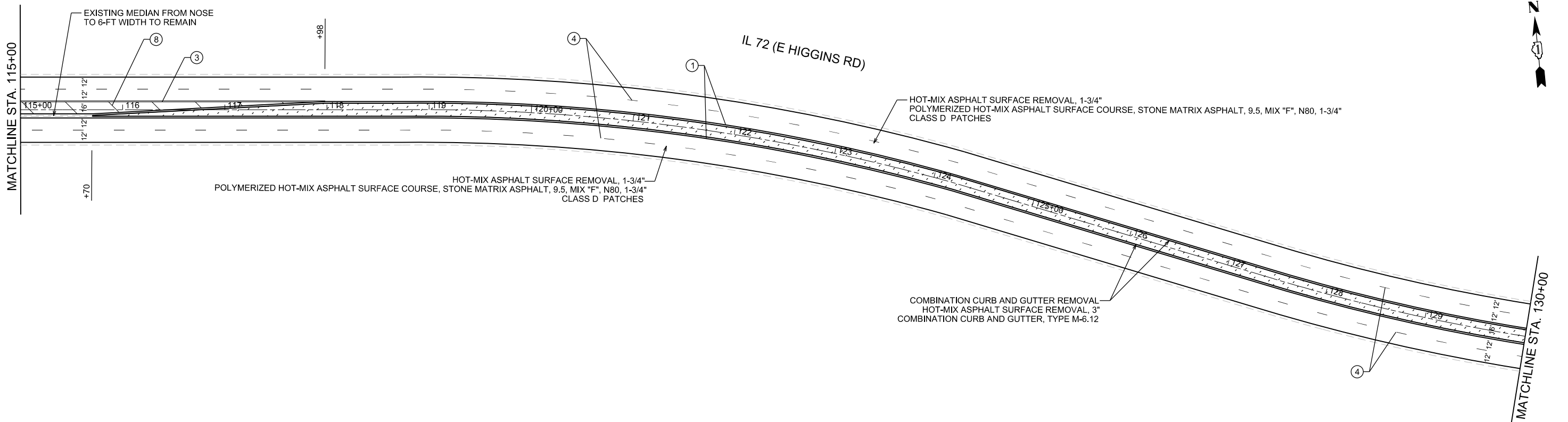
MEDIAN REMOVAL (PCC 4")
EARTH EXCAVATION, 8"
TOPSOIL FURNISH AND PLACE, 12"
SEEDING, CLASS 2A
N-P-K FERTILIZER NUTRIENT
SUPPLEMENTAL WATERING
EROSION CONTROL BLANKET (SPECIAL)

NOTES

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 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9561 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - JCS	REVISED -  AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLANS IL 72 (HIGGINS ROAD)	SCALE: 1"=50'	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	DRAWN - JCS	REVISED -						0341	FAP 0341 23 SMART	COOK	60	12
		CHECKED - ACL	REVISED -						CONTRACT NO. 62V85				
	DATE - 09/02/2026								ILLINOIS FED. AID PROJECT				

MODEL: D:\inf\1\PROJECTS\CH22\22-02\675-00 DOT Various Phase 2 (PTB 206-02)\WO 24 02\085 (CH22\DOT\GNCCADD_Sheets\62\65-SHT-PLAN.dwg
FILE NAME: CH22\DOT\GNCCADD_Sheets\62\65-SHT-PLAN.dwg



PAVEMENT MARKING LEGEND

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- ⑪ LETTERS & SYMBOLS, SOLID WHITE (TYP)
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LEGEND

- ⑯ LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)
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HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED

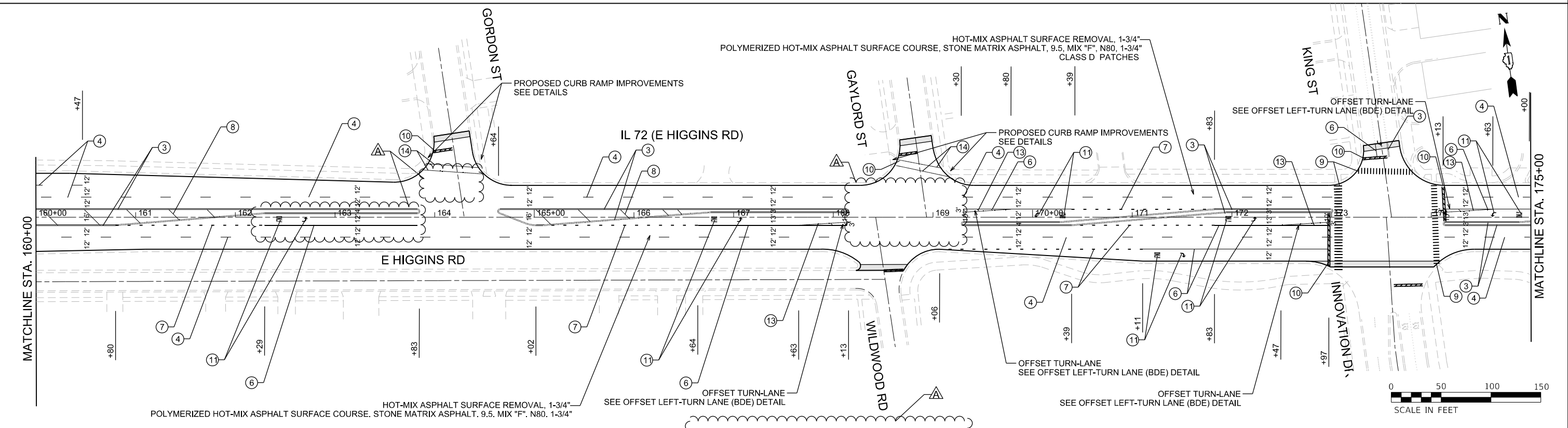
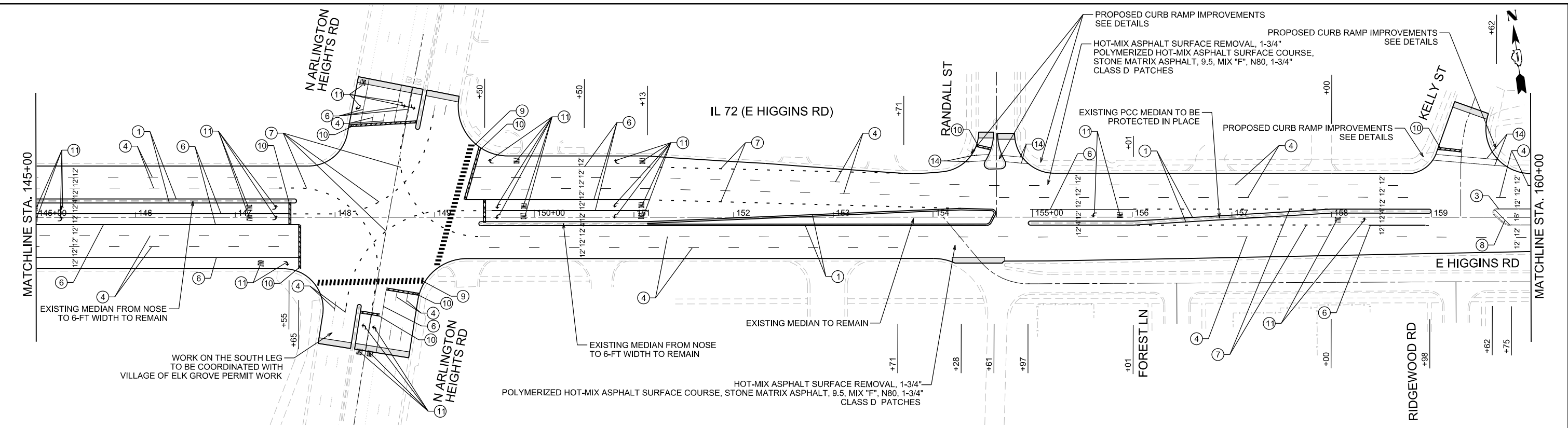
MEDIAN REMOVAL (PCC 4")
EARTH EXCAVATION, 8"
TOPSOIL FURNISH AND PLACE, 12"
SEEDING, CLASS 2A
N-P-K FERTILIZER NUTRIENT
SUPPLEMENTAL WATERING
EROSION CONTROL BLANKET (SPECIAL)

NOTES

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 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9561 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - JCS	REVISED -  AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLANS IL 72 (HIGGINS ROAD)	SCALE: 1"=50'	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=50'	DRAWN - JCS	REVISED -						0341	FAP 0341 23 SMART	COOK	60	13
		CHECKED - ACL	REVISED -						CONTRACT NO. 62V85				
	DATE - 09/02/2026								ILLINOIS FED. AID PROJECT				

MODEL: D:\inf\1\Projects\CH222222\222222\CH222222\DOT_Various Phase 2 (RTB 206-002)\WO 24 02\06 (Chad)\DGN\CADD_Sheets\62\62-SHT-PLAN-05.dgn
FILE NAME: CH222222\Projects\CH222222\222222\CH222222\DOT_Various Phase 2 (RTB 206-002)\WO 24 02\06 (Chad)\DGN\CADD_Sheets\62\62-SHT-PLAN-05.dgn



PAVEMENT MARKING LEGEND

1	LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
2	LINE 4", SOLID WHITE - EDGE LINE (TYP)
3	LINE 4", DOUBLE SOLID YELLOW, 2 @ 11" C-C - (TYP)
4	LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
5	LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - LANE LINES (TYP)
6	LINE 6", SOLID WHITE - TURN LANE MARKING (TYP)
7	LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
8	LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75' C-C (5 MINIMUM) (TYP)
9	LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP)
10	LINE 24", SOLID, WHITE - STOP LINES (TYP)
11	LETTERS & SYMBOLS, SOLID WHITE (TYP)
12	LINE 8", SOLID WHITE - EDGE LINE (TYP)
13	LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP)
14	LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP)
15	LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)
16	LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)
17	LINE 5", SOLID, WHITE
18	LINE 8", DOTTED 3'-9' SKIP LINE

LEGEND

	HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED
	MEDIAN REMOVAL (PCC 4") EARTH EXCAVATION, 8" TOPSOIL FURNISH AND PLACE, 12" SEEDING, CLASS 2A N-P-K FERTILIZER NUTRIENT SUPPLEMENTAL WATERING EROSION CONTROL BLANKET (SPECIAL)

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	14
CONTRACT NO. 62V85				
ILLINOIS		FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLANS
IL 72 (HIGGINS ROAD)

SCALE: 1"=50'

STA. TO STA.

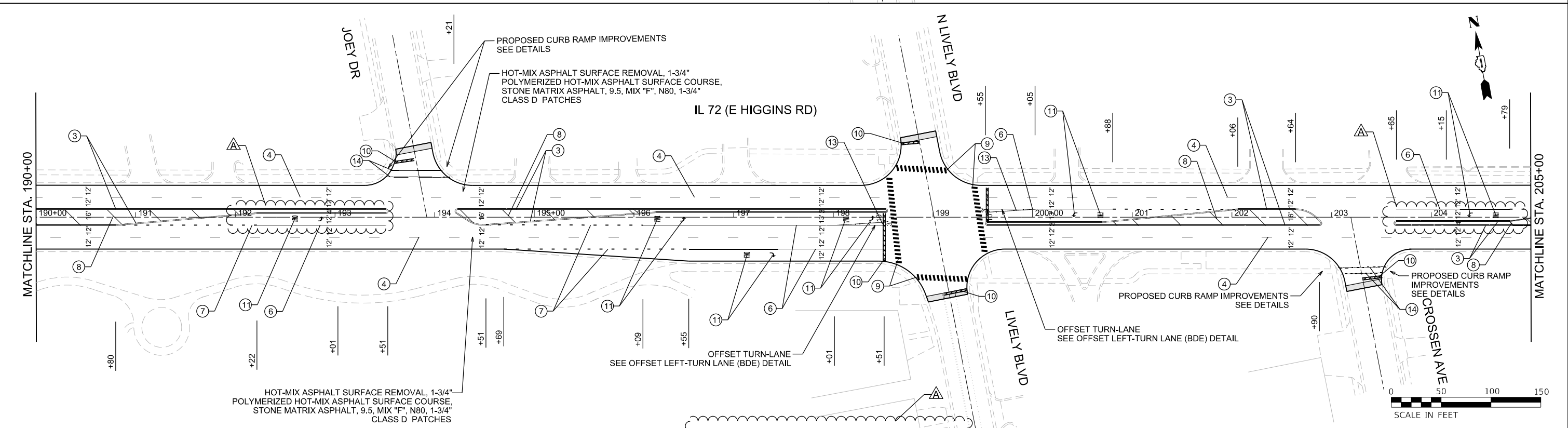
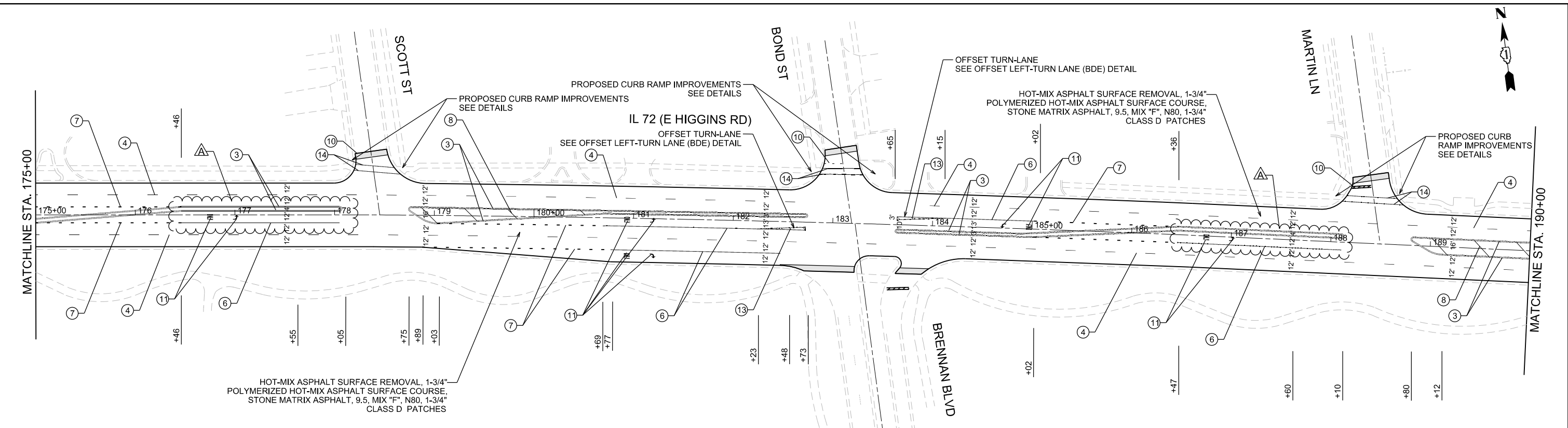
DESIGNED - JCS	REVISED - AMT 8/31/26
DRAWN - JCS	REVISED -
CHECKED - ACL	REVISED -
DATE - 09/02/2026	

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USER NAME = ALane

PLOT SCALE = 1"=50'

MODEL: D:\infra\11\Projects\CH222222\222222\67540 DOT Various Phase 2 (RTB 206-002)\WO 24 02\065 CH222222\DOT\CAD\Shed\62\65-SHT-PLAN-06.dgn
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PAVEMENT MARKING LEGEND

1	LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
2	LINE 4", SOLID WHITE - EDGE LINE (TYP)
3	LINE 4", DOUBLE SOLID YELLOW, 2 @ 11" C-C - (TYP)
4	LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
5	LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - LANE LINES (TYP)
6	LINE 6", SOLID WHITE - TURN LANE MARKING (TYP)
7	LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
8	LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75" C-C (5 MINIMUM) (TYP)
9	LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP)
10	LINE 24", SOLID, WHITE - STOP LINES (TYP)
11	LETTERS & SYMBOLS, SOLID WHITE (TYP)
12	LINE 8", SOLID WHITE - EDGE LINE (TYP)
13	LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP)
14	LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP)
15	LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)
16	LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)
17	LINE 5", SOLID, WHITE
18	LINE 8", DOTTED 3'-9' SKIP LINE

LEGEND

	HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED
	MEDIAN REMOVAL (PCC 4") EARTH EXCAVATION, 8" TOPSOIL FURNISH AND PLACE, 12" SEEDING, CLASS 2A N-P-K FERTILIZER NUTRIENT SUPPLEMENTAL WATERING EROSION CONTROL BLANKET (SPECIAL)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DESIGNED - JCS	REVISED - AMT 8/31/26
DRAWN - JCS	REVISED -
CHECKED - ACL	REVISED -
DATE - 09/02/2026	

ROADWAY AND PAVEMENT MARKING PLANS
IL 72 (HIGGINS ROAD)

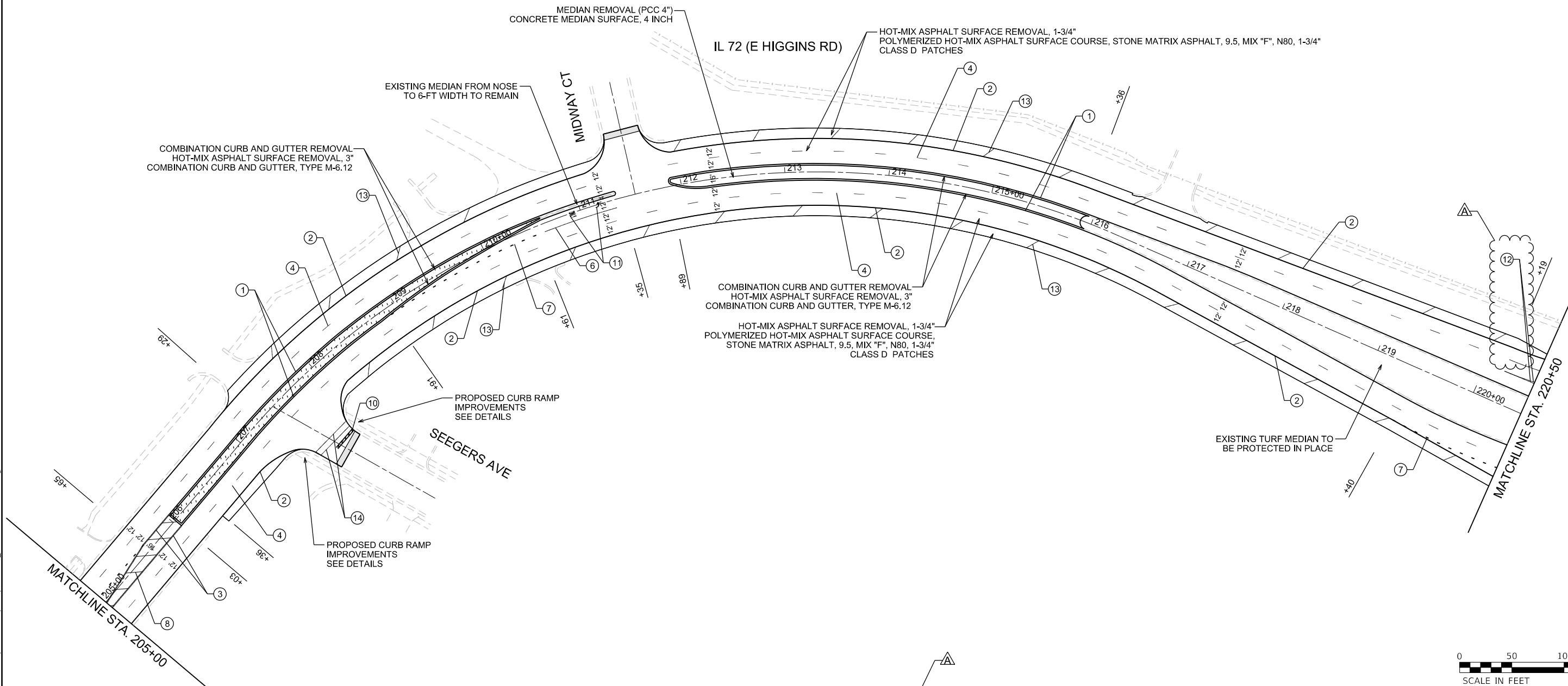
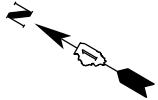
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F.A.P. RTE. 0341	SECTION FAP 0341 23 SMART	COUNTY COOK	TOTAL SHEETS 60	SHEET NO. 15
CONTRACT NO. 62V/85				
ILLINOIS FED. AID PROJECT				

NOTES

1. LIMIT OF RESURFACING ON THE SIDE STREET THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON HMA PAVEMENT.
3. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

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PAVEMENT MARKING LEGEND

- ① LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
- ② LINE 4", SOLID WHITE - EDGE LINE (TYP)
- ③ LINE 4", DOUBLE SOLID YELLOW, 2 @ 11" C-C - (TYP)
- ④ LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
- ⑤ LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - LANE LINES (TYP)
- ⑥ LINE 6", SOLID WHITE - TURN LANE MARKING (TYP)
- ⑦ LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)

- ⑧ LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75' C-C (5 MINIMUM) (TYP)
- ⑨ LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP)
- ⑩ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑪ LETTERS & SYMBOLS, SOLID WHITE (TYP)
- ⑫ LINE 8", SOLID WHITE - EDGE LINE (TYP)
- ⑬ LINE 12", SOLID, WHITE - DIAGONAL OR CHEVRON @ 45 DEG. @ 10' C-C (5 MINIMUM) (TYP)
- ⑭ LINE 6", SOLID WHITE - CROSSWALK MARKING (TYP)
- ⑮ LINE 12", SOLID, WHITE - DIAGONAL CROSSWALK MARKING @ 45 DEG. @ 2' C-C (TYP)

- ⑯ LINE 6", SKIP-DASH WHITE (3' LINE-9' SPACE) - DOTTED LINES (TYP)
- ⑰ LINE 5", SOLID, WHITE
- ⑱ LINE 8", DOTTED 3'-9' SKIP LINE

LEGEND

- HMA SURFACE REMOVAL BUTT JOINT, 4.5' OR AS DIMENSIONED
- MEDIAN REMOVAL (PCC 4") EARTH EXCAVATION, 8" TOPSOIL FURNISH AND PLACE, 12" SEEDING, CLASS 2A N-P-K FERTILIZER NUTRIENT SUPPLEMENTAL WATERING EROSION CONTROL BLANKET (SPECIAL)

NOTES

1. LIMIT OF RESURFACING ON THE SIDE STREET THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON HMA PAVEMENT.
3. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

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 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9568 F 312.425.9568 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - JCS	REVISED -  AMT 8/31/26
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		CHECKED - ACL	REVISED -
		DATE - 09/02/2026	

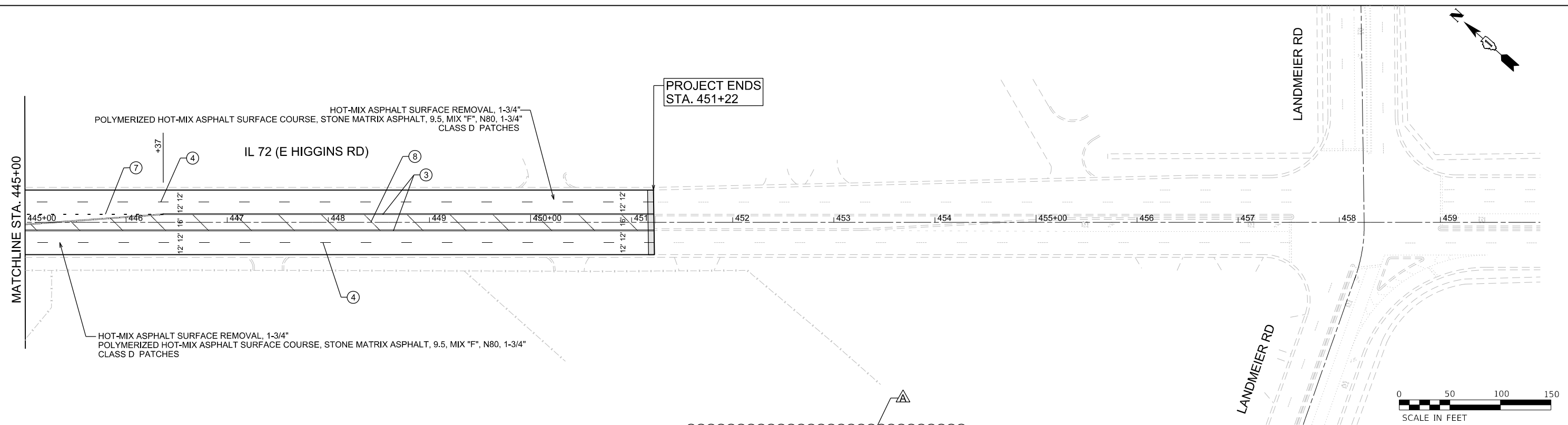
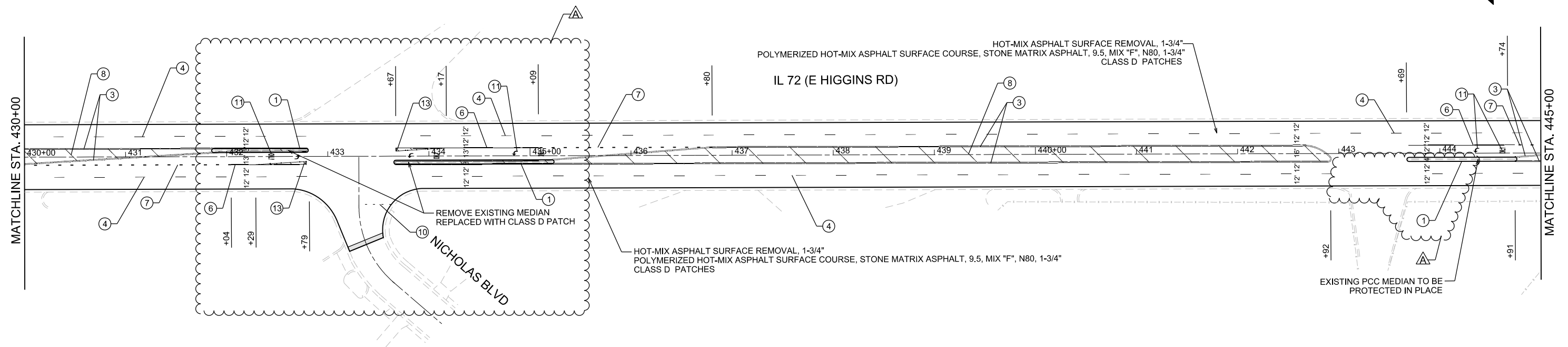
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLANS
IL 72 (HIGGINS ROAD)

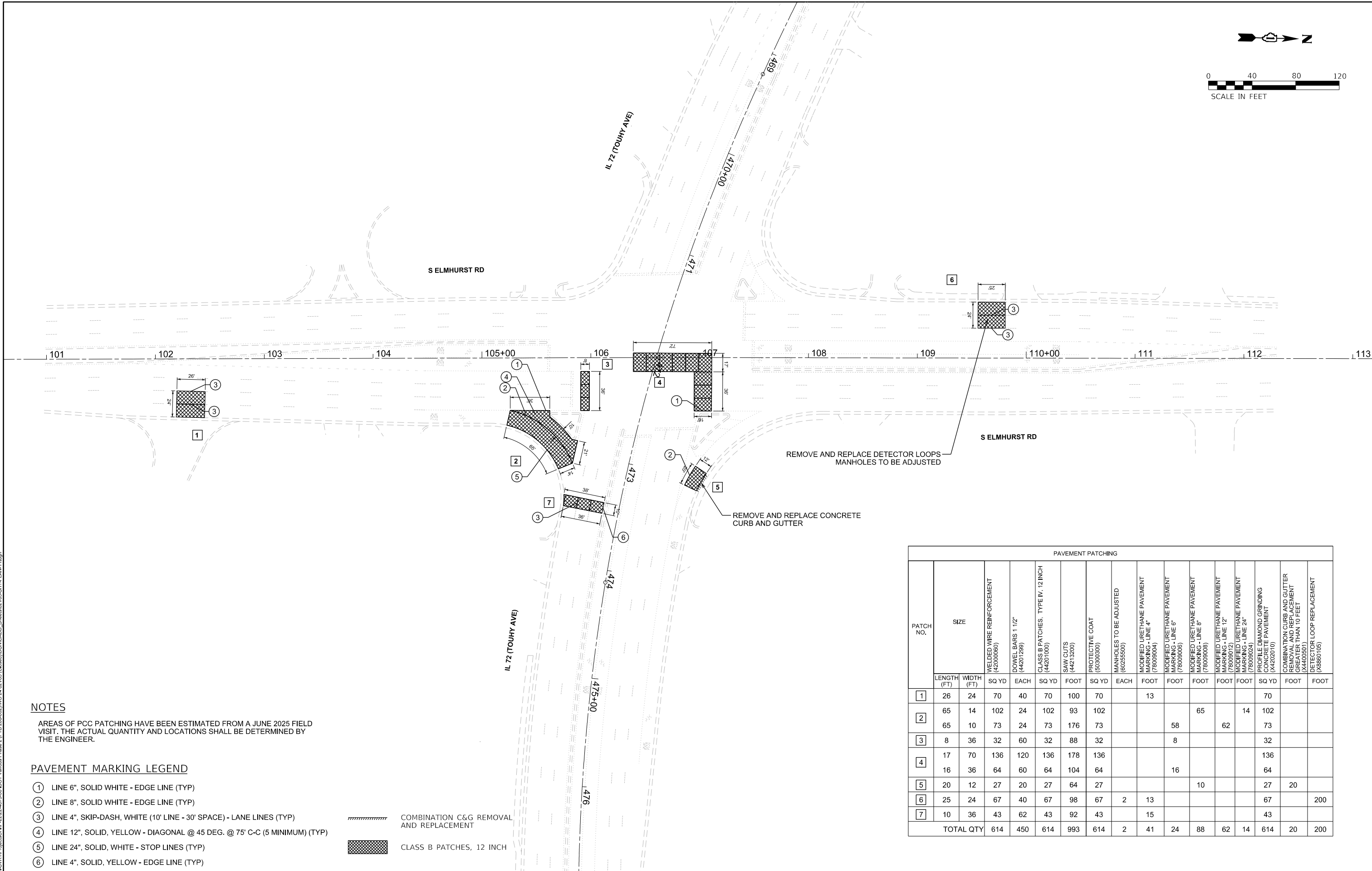
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STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	16
CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 1"=50'	DRAWN = JCS	REVISED =			0341	FAP 0341 23 SMART	COOK	60	19
	CHECKED = ACL	REVISED =	CONTRACT NO. 62V85							
	DATE = 09/02/2026	REVISED =	SCALE: 1"=50'			STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



NOTES

AREAS OF PCC PATCHING HAVE BEEN ESTIMATED FROM A JUNE 2025 FIELD VISIT. THE ACTUAL QUANTITY AND LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

PAVEMENT MARKING LEGEND

- ① LINE 6", SOLID WHITE - EDGE LINE (TYP)
- ② LINE 8", SOLID WHITE - EDGE LINE (TYP)
- ③ LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
- ④ LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75' C-C (5 MINIMUM) (TYP)
- ⑤ LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑥ LINE 4", SOLID, YELLOW - EDGE LINE (TYP)



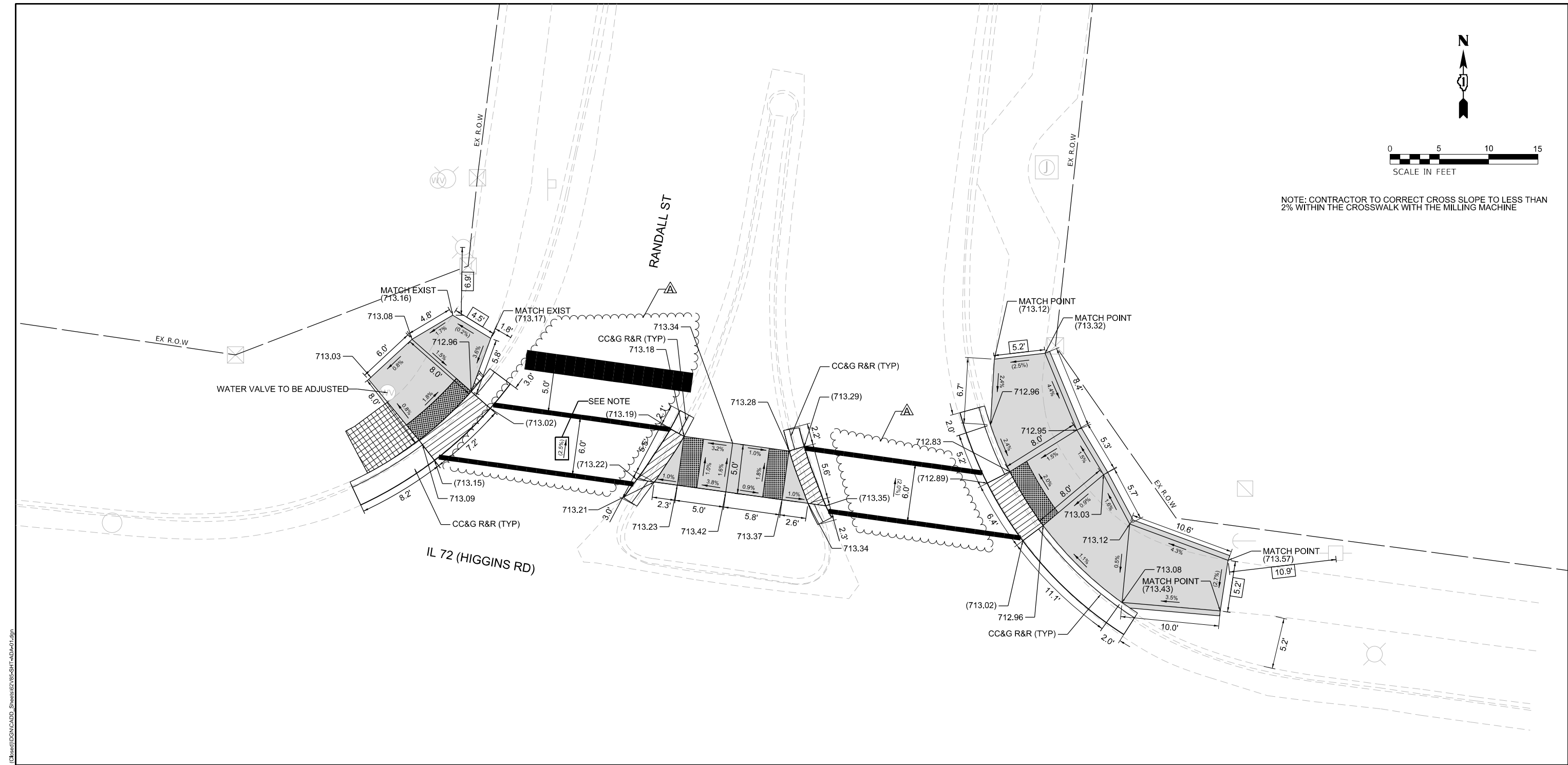
COMBINATION C&G REMOVAL AND REPLACEMENT



CLASS B PATCHES, 12 INCH

PAVEMENT PATCHING																
PATCH NO.	SIZE		ELDED WIRE REINFORCEMENT (42000060)	DOWEL BARS 1 1/2" (44201299)	CLASS B PATCHES, TYPE IV, 12 INCH (44201000)	SAW CUTS (44213200)	PROTECTIVE COAT (50300300)	MANHOLES TO BE ADJUSTED (60255500)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (78009004)	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (78009006)	MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (78009008)	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (78009012)	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (78009024)	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT (X4202010)	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (X4400501)	DETECTOR LOOP REPLACEMENT (X6860105)
	LENGTH (FT)	WIDTH (FT)	SQ YD	EACH	SQ YD	FOOT	SQ YD	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	FOOT	FOOT
1	26	24	70	40	70	100	70		13					70		
2	65	14	102	24	102	93	102				65		14	102		
	65	10	73	24	73	176	73			58		62		73		
3	8	36	32	60	32	88	32			8				32		
4	17	70	136	120	136	178	136							136		
	16	36	64	60	64	104	64			16				64		
5	20	12	27	20	27	64	27				10			27	20	
6	25	24	67	40	67	98	67	2	13					67		200
7	10	36	43	62	43	92	43		15					43		
TOTAL QTY			614	450	614	993	614	2	41	24	88	62	14	614	20	200

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	PLOT SCALE = 1"=40'	DRAWN - JCS	REVISED -								0341	FAP 0341 23 SMART	COOK	60	19A
	CHECKED - ACL	DATE - 09/02/2026	REVISED -								CONTRACT NO. 62V85				
											ILLINOIS FED. AID PROJECT				



NOTE: CONTRACTOR TO CORRECT CROSS SLOPE TO LESS THAN 2% WITHIN THE CROSSWALK WITH THE MILLING MACHINE

REFERENCE BENCHMARK: 112, ELEV. 712.099

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: NE CORNER OF RT 72 AND RANDALL ST, S OF ENTRANCE TO RES 120 HIGGINS

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB & GUTTER
- PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & RANDALL ST

SCALE: 1"=5'

STA.

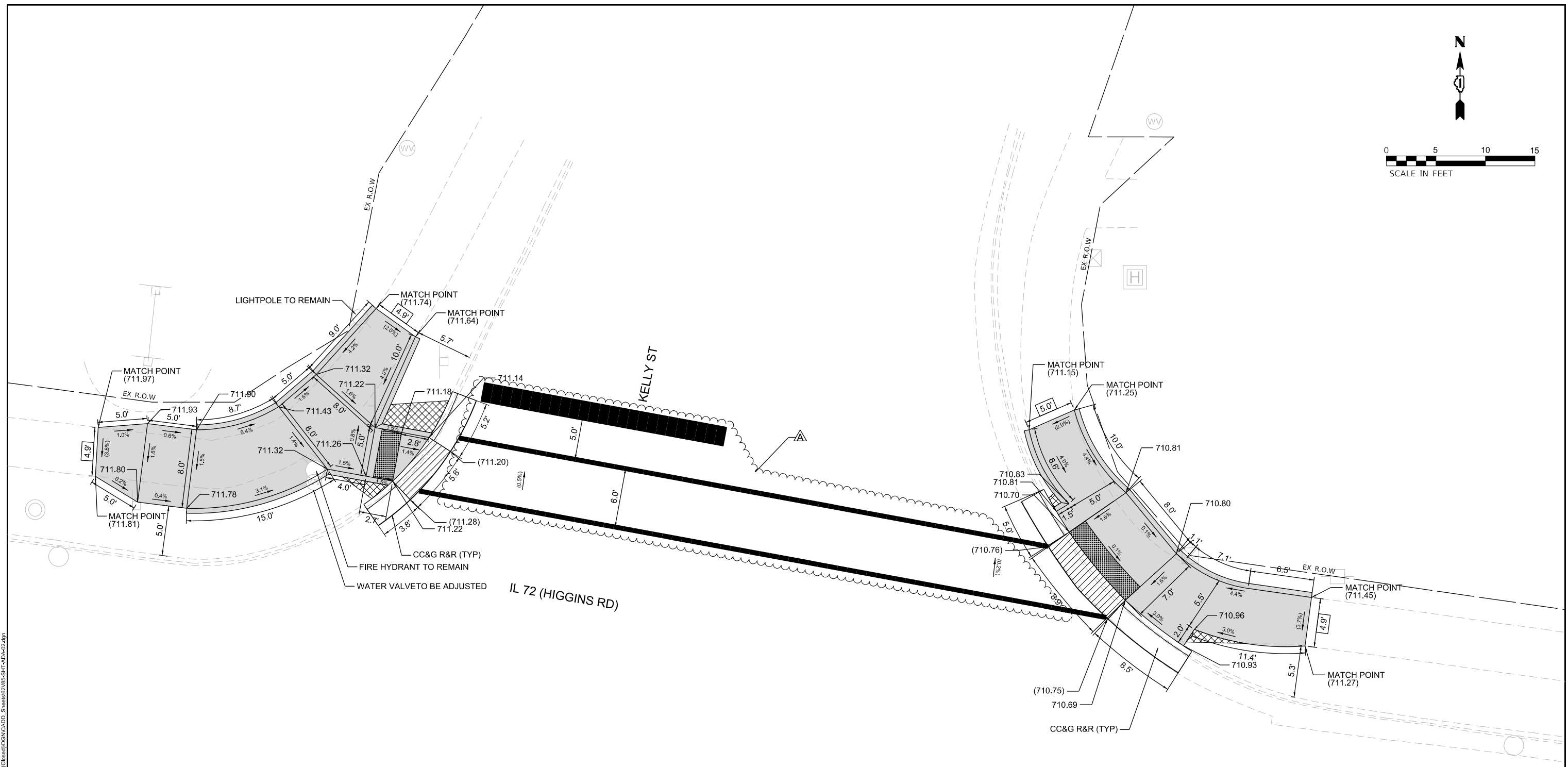
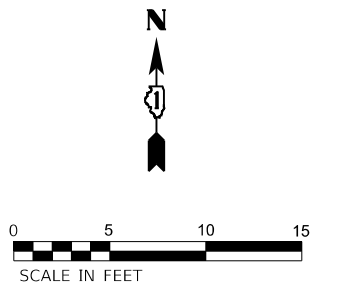
TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				

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PROJECT: 112-01\112-01.dgn
DATE: 09/02/2026
P: 312.425.9568 | F: 312.425.9568 | www.infrastructure-eng.com

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USER NAME = ALane	DESIGNED - AT	REVISED - AMT 8/31/26
	DRAWN - AT	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - ACL	REVISED -
	DATE - 09/02/2026	



REFERENCE BENCHMARK: 112, ELEV. 711.611

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: NW CORNER OF RT 72 AND KELLY ST, NEAR FIRE HYDRANT

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB & GUTTER
	PAVEMENT REMOVAL

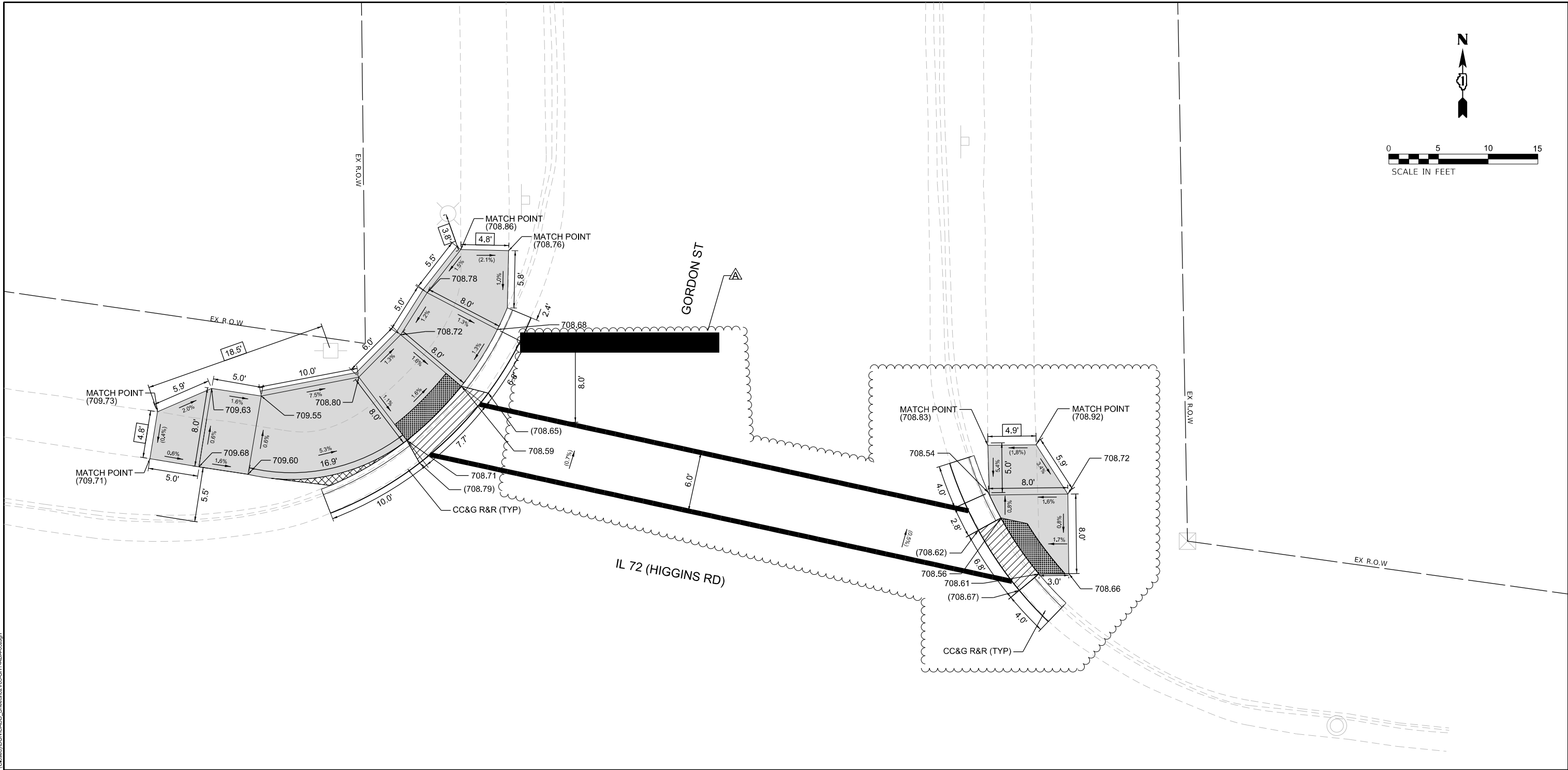
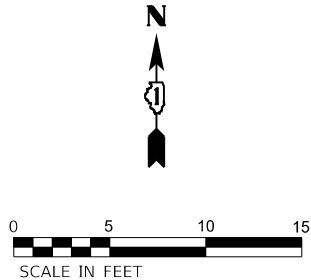
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & KELLY ST

SCALE: 1"=5'

STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	22
		CONTRACT NO. 62V85		
	ILLINOIS	FED. AID PROJECT		



REFERENCE BENCHMARK: 105, ELEV. 708.945

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: NE CORNER OF RT 72 AND GORDON ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB & GUTTER
- PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & GORDON ST

SCALE: 1"=5'

STA.

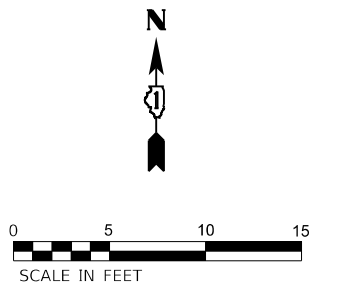
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	23
CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				

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	DRAWN - AT	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - ACL	REVISED -
	DATE - 09/02/2026	



REFERENCE BENCHMARK: 108, ELEV. 707.045

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: NE CORNER OF RT 72 AND GAYLORD

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

10



PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

PROPOSED SIDE CURB & GUTTER

PAVEMENT REMOVAL

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

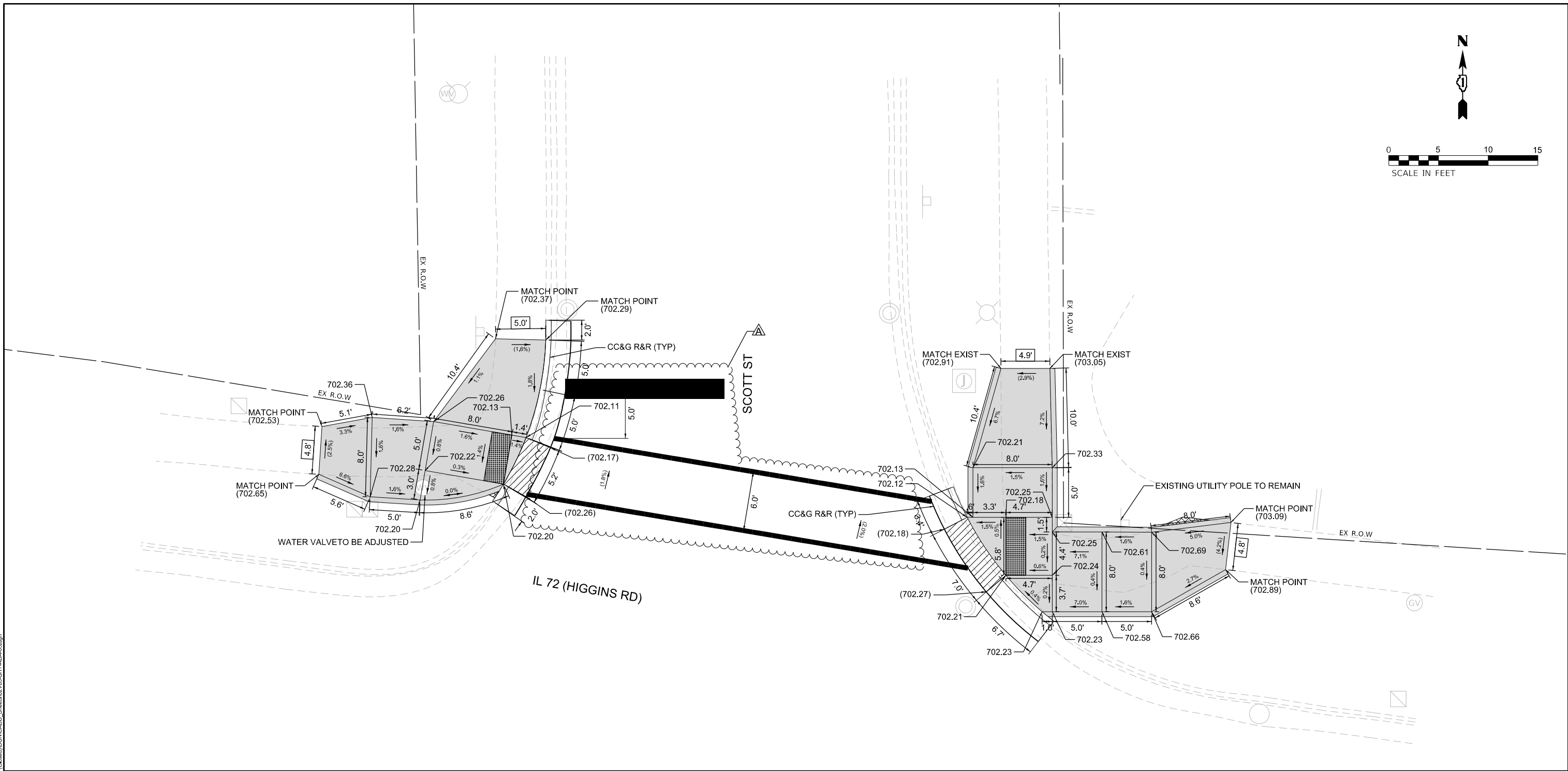
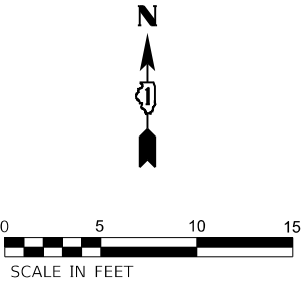
ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) GAYLORD ST

SCALE: 1"=5'

	STA.
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TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	24
		CONTRACT NO. 62V85		
		ILLINOIS	FED. AID PROJECT	



REFERENCE BENCHMARK: 111, ELEV. 702.874

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: W OF NW CORNER OF RT 72 AND SCOTT ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB & GUTTER
- PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & SCOTT ST

SCALE: 1"=5'

STA.

TO STA.

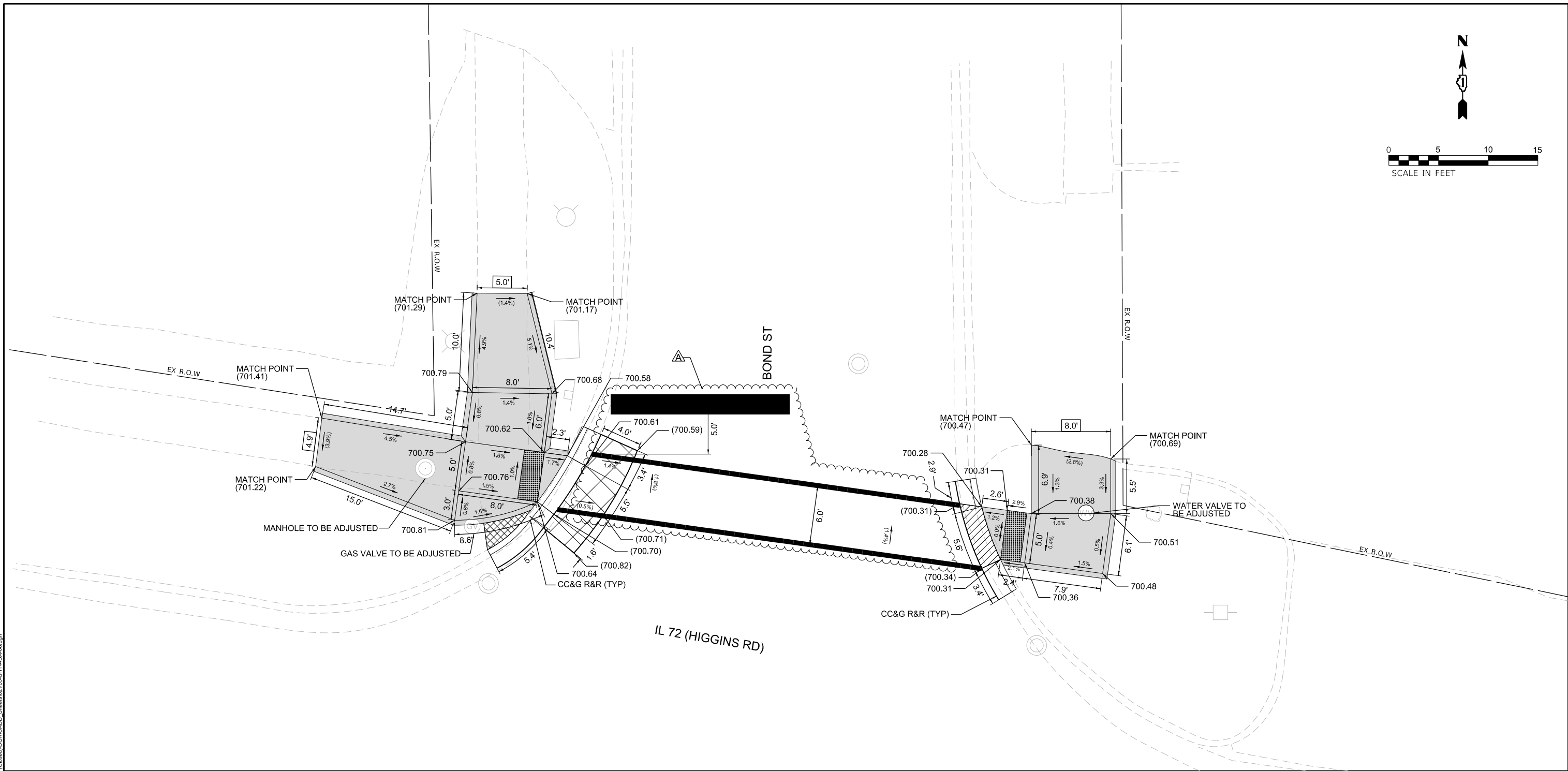
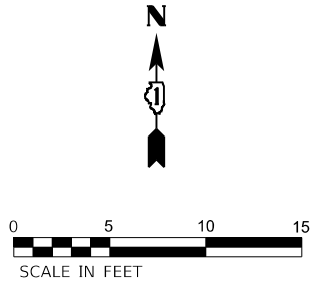
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				

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USER NAME = ALane	DESIGNED - AT	REVISED - AMT 8/31/26
	DRAWN - AT	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - ACL	REVISED -
	DATE - 09/02/2026	



REFERENCE BENCHMARK: 111, ELEV. 702.874

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: W OF NW CORNER OF RT 72 AND SCOTT ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB & GUTTER
- PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & BOND ST

SCALE: 1"=5'

STA.

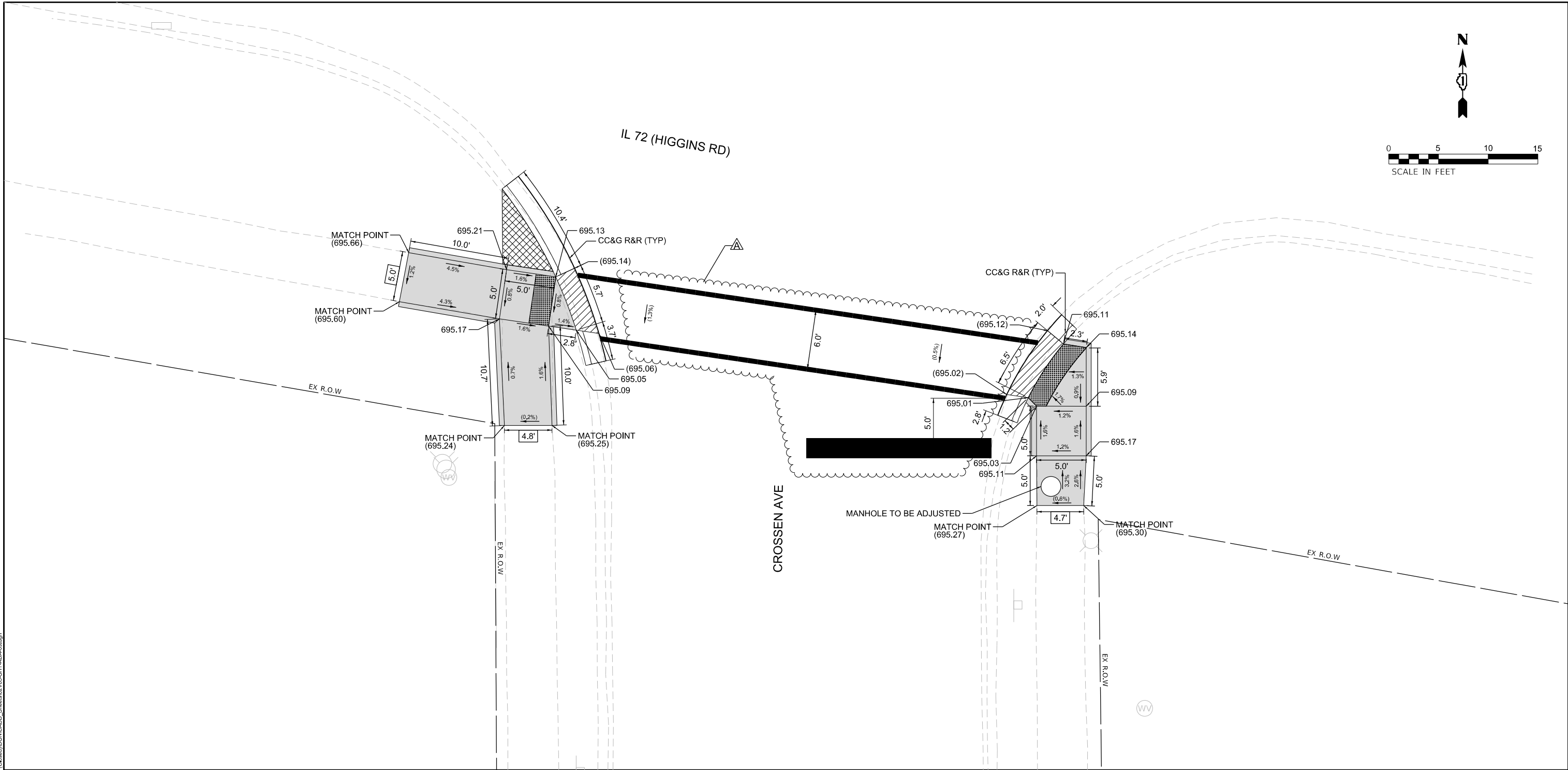
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				

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PLOT SCALE: 1"=10'

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1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9561 | www.infrastructure-eng.com

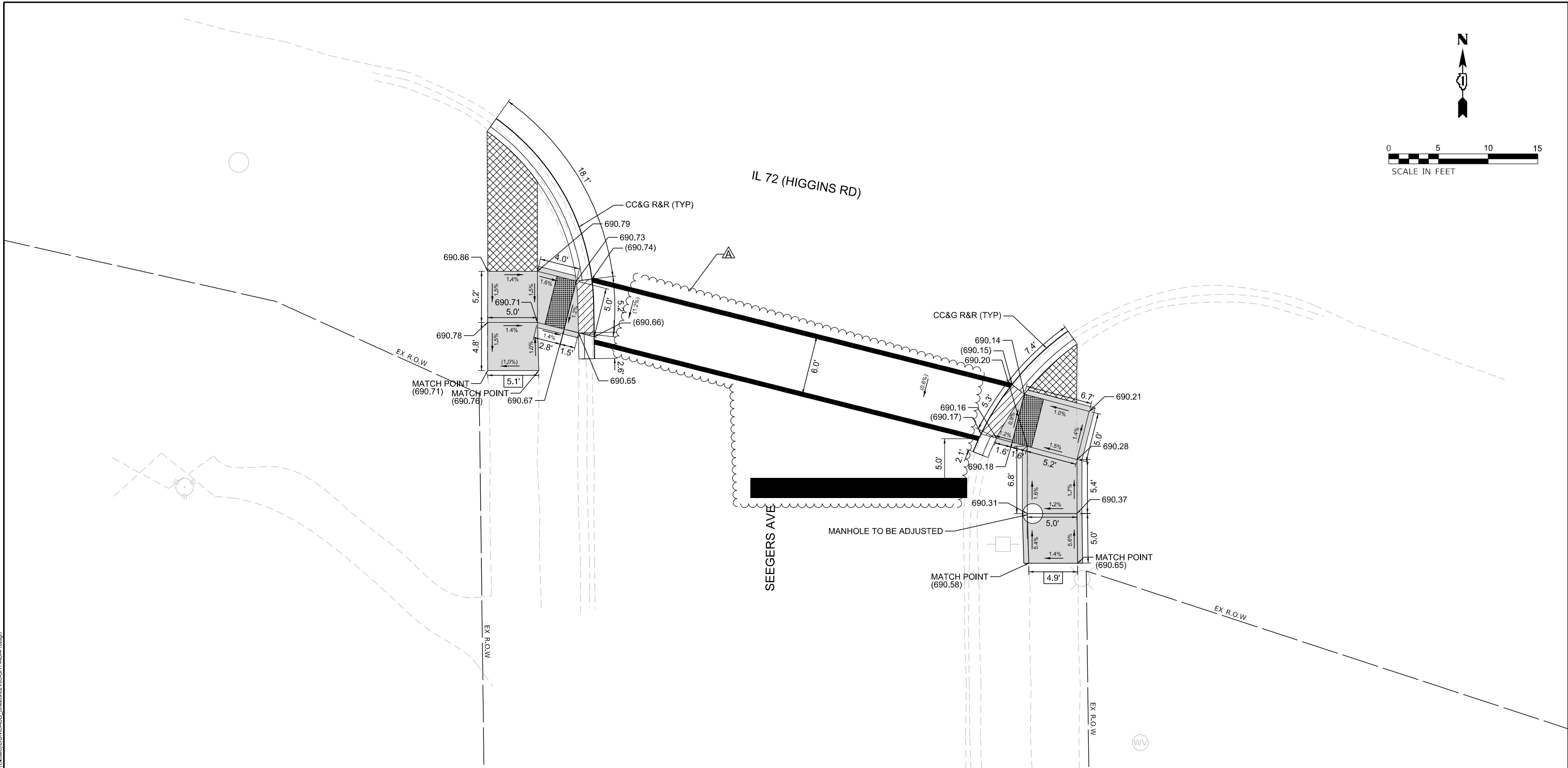
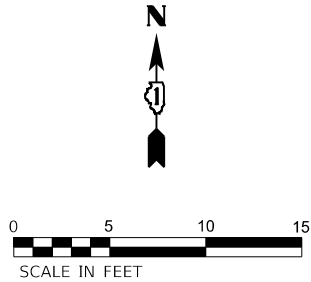
USER NAME = ALane	DESIGNED - AT	REVISED - AMT 8/31/26
	DRAWN - AT	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - ACL	REVISED -
	DATE - 09/02/2026	



LOCATION: W OF NW CORNER OF RT 72 AND SCOTT ST

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB & GUTTER
	PAVEMENT REMOVAL

 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 - AT	REVISED -  AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 72 (HIGGINS ROAD) & CROSSEN AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,000' = 1 in.	DRAWN - AT	REVISED -			0341	FAP 0341 23 SMART	COOK	60	29
	CHECKED - ACL	REVISED -	CONTRACT NO. 62V85							
	DATE - 09/02/2026		SCALE: 1"=5'			STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



REFERENCE BENCHMARK: 111, ELEV. 702.874

BENCHMARK: SET "X" IN SIDEWALK

LOCATION: W OF NW CORNER OF RT 72 AND SCOTT ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER
- PROPOSED SIDE CURB & GUTTER
- PAVEMENT REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 72 (HIGGINS ROAD) & SEEGER'S AVE

SCALE: 1"=5'

STA.

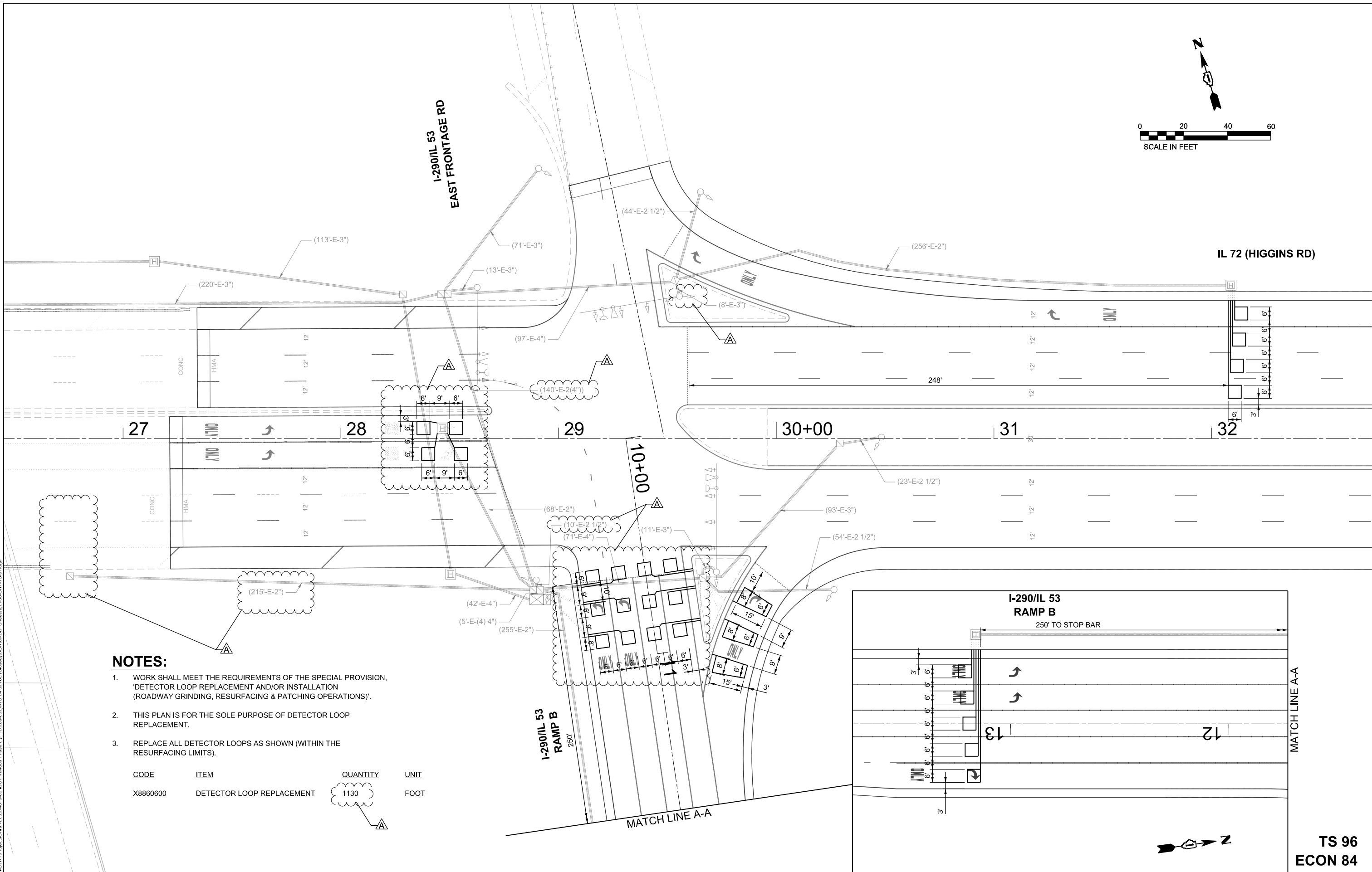
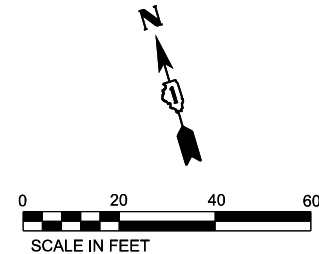
TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	30
CONTRACT NO. 62V85				
ILLINOIS FED. AID PROJECT				

MODEL: D:\infrastructure\111\111-001\111-001-001\111-001-001.dgn
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PROJECT: 111-001-001-001
DATE: 09/02/2026
DRAWN: AT
CHECKED: ACL
DESIGNED: AT
REVISED: AMT 8/31/26
PLOT SCALE: 1"=5'

INFRASTRUCTURE
ENGINEERING INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9561 | www.infrastructure-eng.com

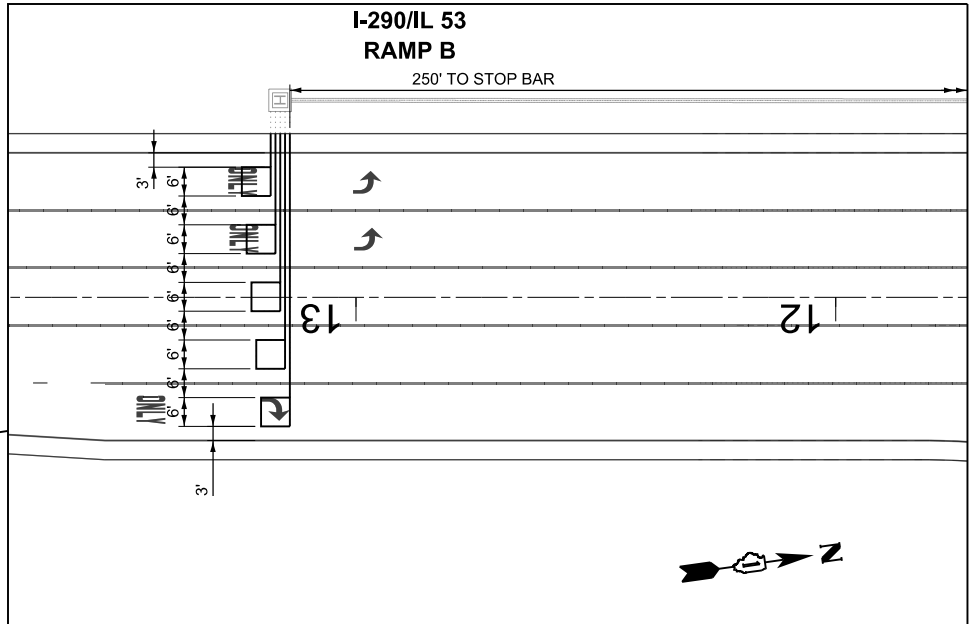
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	DRAWN - AT	REVISED -
PLOT SCALE = 1"=5'	CHECKED - ACL	REVISED -
	DATE - 09/02/2026	



NOTES:

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

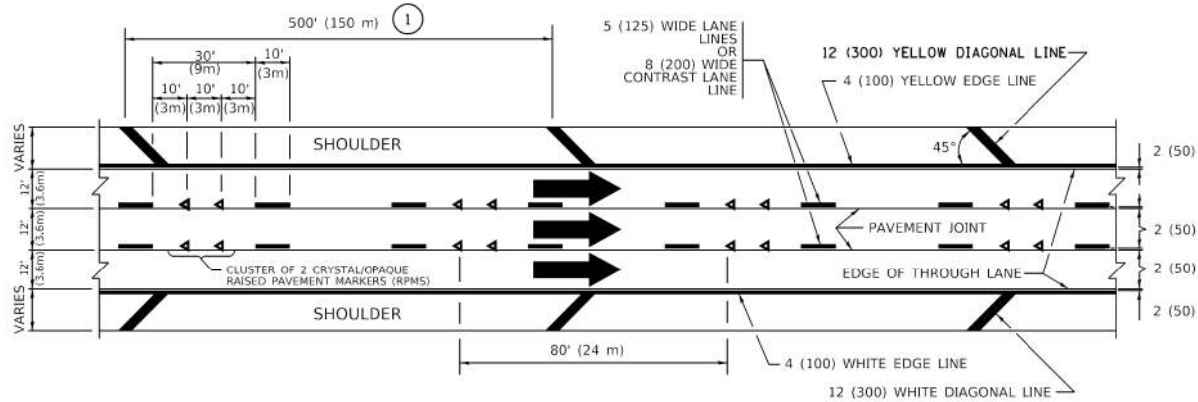


MATCH LINE A-A

**TS 96
ECON 84**

MODEL: D:\infrastructure\CHS\1\1\Projects\CHS-2222-4675-00 DOT Various Phase 2 (PTB 206-02)\JWO 24 62\065 (CHS)\JCN\CADD_Sheets\62\65-SHT-1-501.dgn
FILE NAME: CHS\1\1\Projects\CHS-2222-4675-00 DOT Various Phase 2 (PTB 206-02)\JWO 24 62\065 (CHS)\JCN\CADD_Sheets\62\65-SHT-1-501.dgn

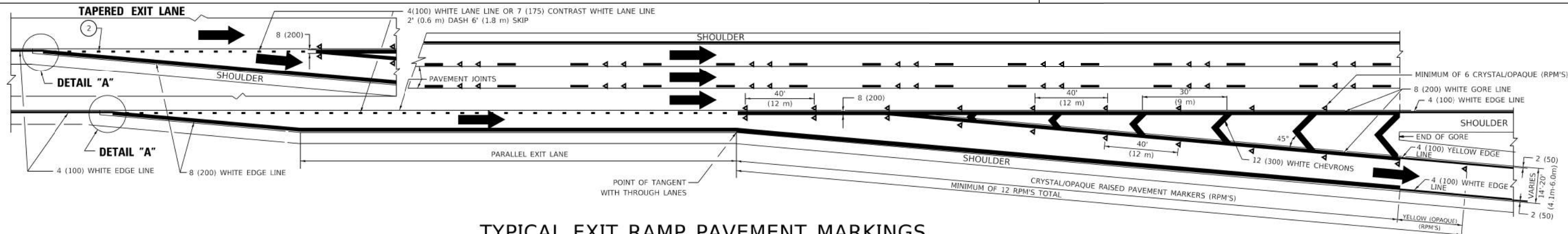
INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - MPK	REVISED - AMT 8/31/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 72 (HIGGINS ROAD) AT I-290/IL 53 RAMP B /E FRONTAGE ROAD	F.A.P. RTE. 0341		SECTION FAP 0341 23 SMART	COUNTY COOK	TOTAL SHEETS 60	SHEET NO. 38
	PLOT SCALE = 1" = 20'	DRAWN - MPK	REVISED -			SCALE: 1" = 20'		STA.	TO STA.	CONTRACT NO. 62V85	
	CHECKED - ACL	REVIS	REVIS								
	DATE - 09/02/2026										



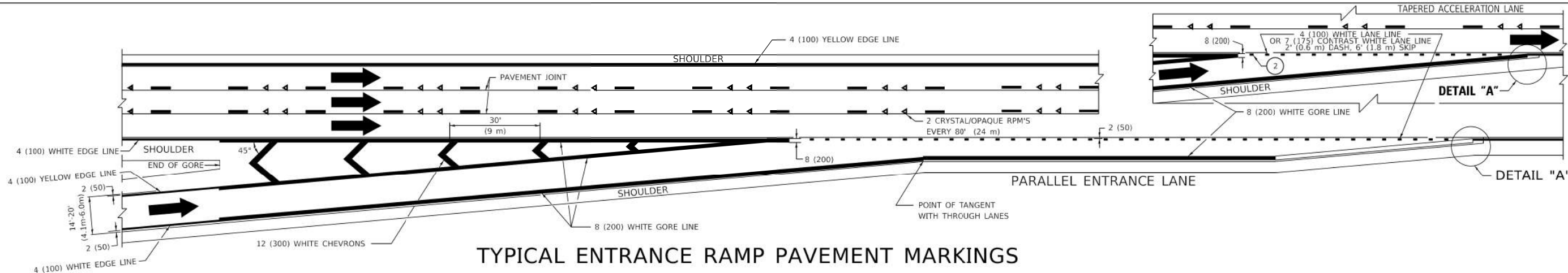
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

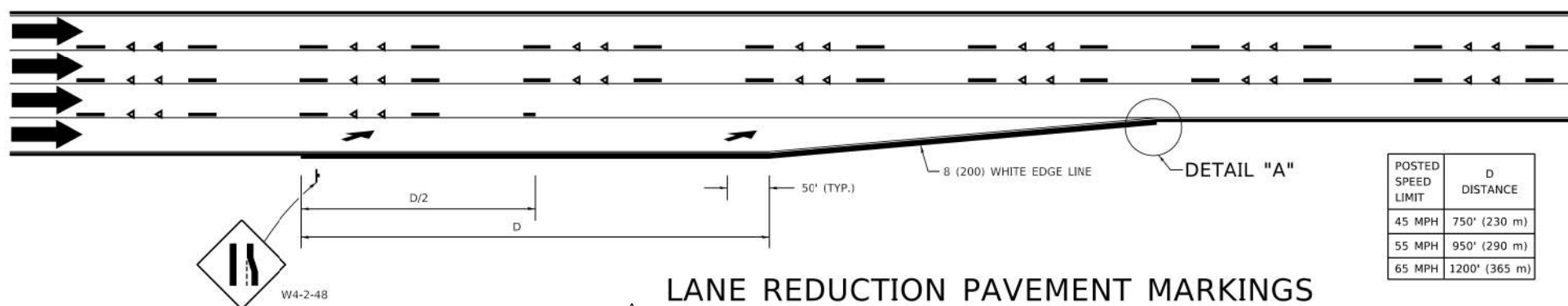
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE 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.



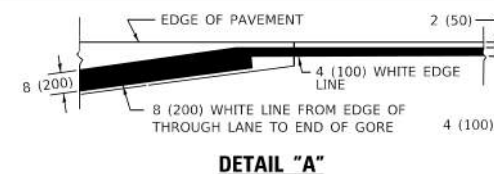
TYPICAL EXIT RAMP PAVEMENT MARKINGS



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.

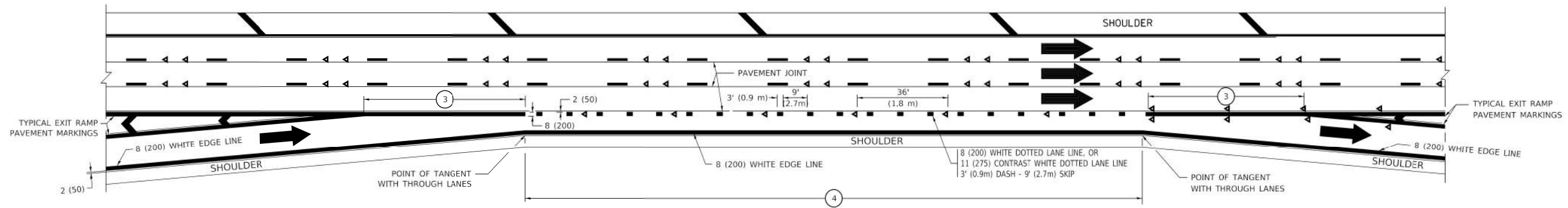
USER NAME	= Lawrence, DeManche	DESIGNED	- D.W.S.	REVISED	- S.P.B. 01-10
DRAWN	-	REVISD	- M.D. 05-13		
PLOT SCALE	= 100,0000 " / in.	CHECKED	-	REVISED	- M.D. 09-17
PLOT DATE	= 11/18/2022	DATE	- 01-90	REVISED	- K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

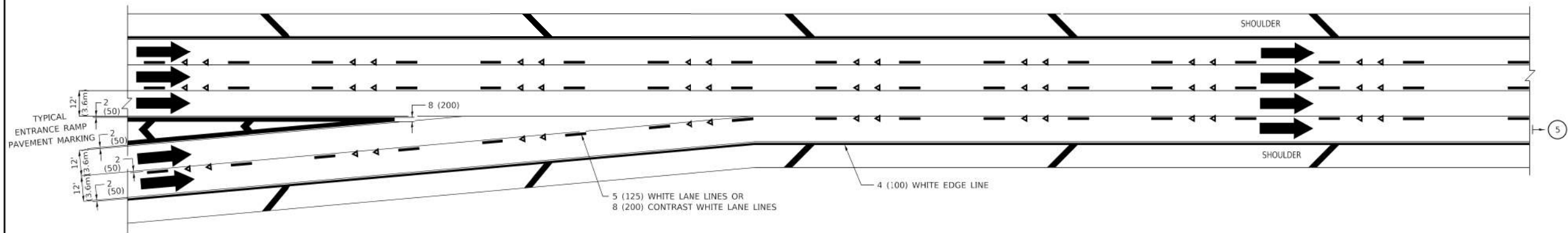
MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

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

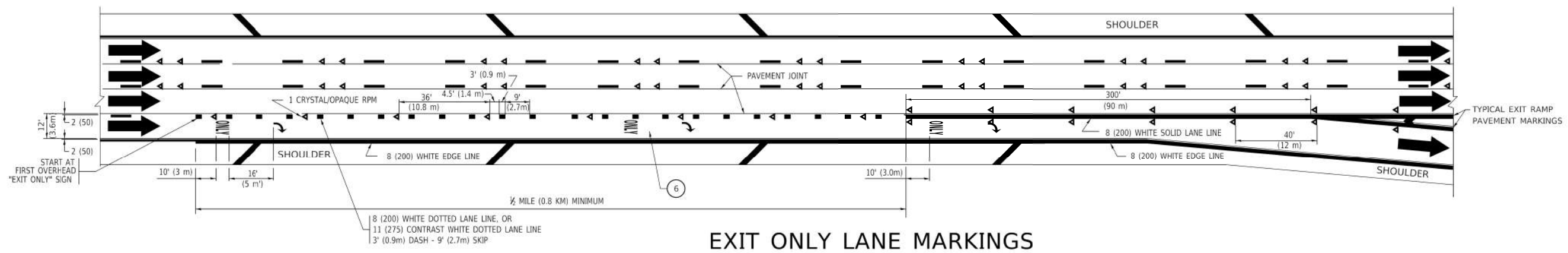
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0341	FAP 0341 23 SMART	COOK	60	54A
TC-12		CONTRACT NO. 62V85		
ILLINOIS		FED. AID PROJECT		



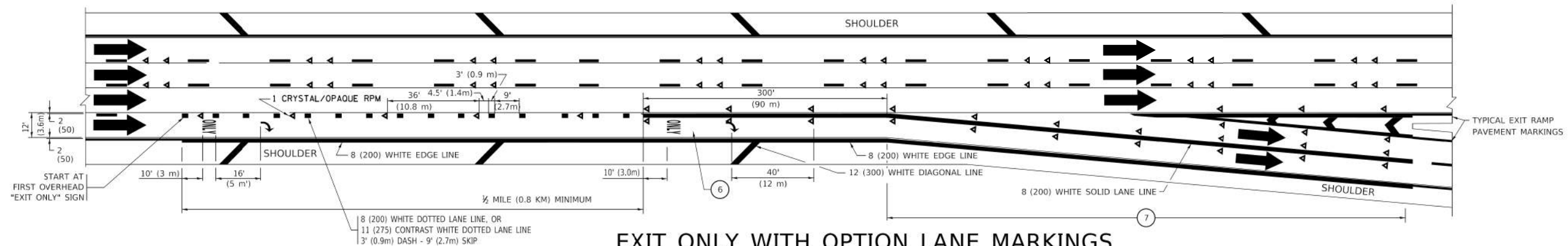
AUXILIARY LANE MARKINGS



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.

MODEL: Default
FILE: \\STATE-PRJ\ILL08\BID\NTEG\Illinois.gov-PWD\DOT\Documents\DOT_Offices\District_1\Projects\DUHS42234\CAD\Drawn\CADsheetstc12.dgn

AMT 8/31/26

USER NAME = [footern]	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		

2-LANE ROADWAY

MULTI-LANE UNDIVIDED

MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL CROSSWALK MARKING

4' (1.2 m) WIDE MEDIANS ONLY

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

ISLAND OFFSET FROM PAVEMENT EDGE

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

COMBINATION LEFT AND U-TURN

U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AND STATE STANDARD 780001.

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

USER NAME = footernj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL PAVEMENT MARKINGS					F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					0341	FAP 0341 23 SMART		COOK	60	54C
					TC-13			CONTRACT NO. 62V85		
SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.					