

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0350	2025-2001-RS	COOK	141	1
		ILLINOIS	CONTRACT NO. 80B22	

D-91-185-25

THIS PROJECT IS LOCATED IN THE VILLAGES OF LINCOLNWOOD AND SKOKIE

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA:

ROAD NAME: N CICERO AVE
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
POSTED SPEED: 40 MPH
2023 ADT: 14200 - 19400

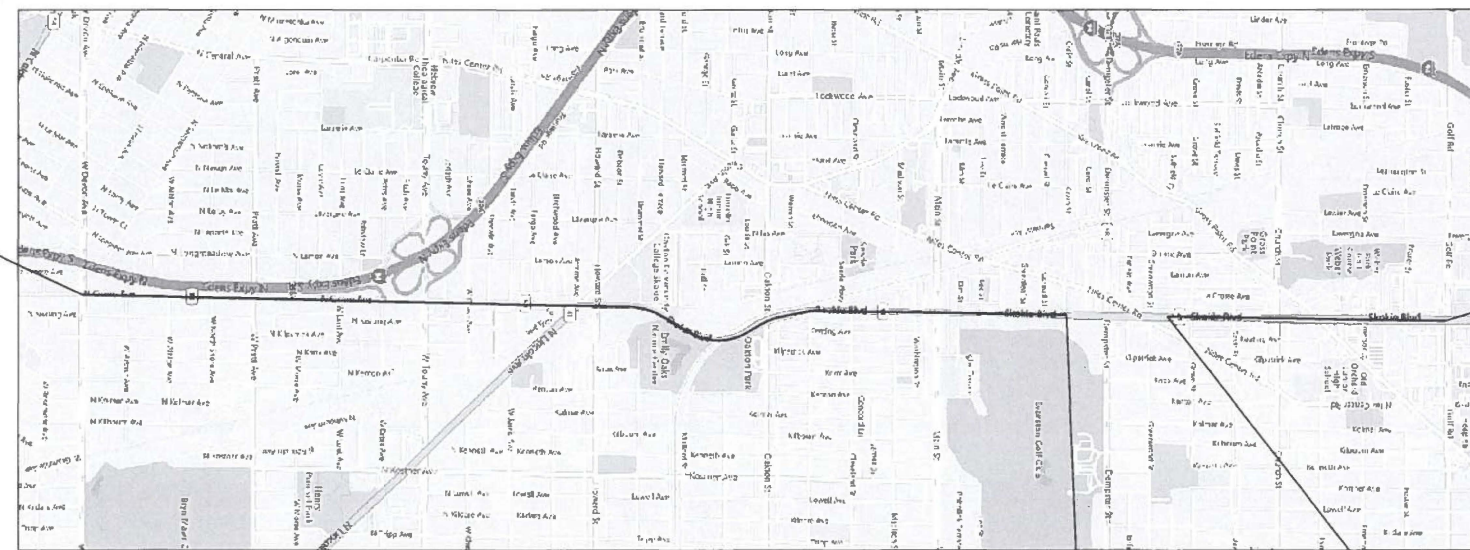
ROAD NAME: SKOKIE BLVD
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL
POSTED SPEED: 35 - 40 MPH
2023 ADT: 14200 - 19600

**PROPOSED
HIGHWAY PLANS**

**FAP 350 : US 41 (SKOKIE BLVD)/ IL 50 (CICERO AVE)
GOLF ROAD TO DEVON AVENUE
SECTION: 2025-2001-RS
PROJECT: NHPP-FOEM(355)
SMART OVERLAY AND ADA IMPROVEMENTS
COOK COUNTY
C-91-258-25**



<p><i>Michael Janachione</i> 03/19/2026 Date</p> <p>Michael J. Janachione, P.E. Lic. No. 062-069361 Expires 11/30/2027 Peralte-Clark, LLC (SHTS 1-71)</p>	
<p><i>Christopher Prosperi</i> 03/19/2026 Date</p> <p>Christopher M. Prosperi, P.E. Lic. No. 062-065728 Expires 11/30/2027 Peralte-Clark, LLC (SHTS 72-141)</p>	

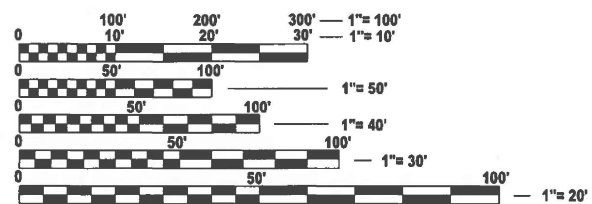


BEGIN IMPROVEMENT
U.S. 41 / IL ROUTE 50
STA 16+12.62

END IMPROVEMENT
U.S. 41 / IL ROUTE 50
STA 227+88.45

END PROJECT OMISSION
U.S. 41 / IL ROUTE 50
STA 185+51.91

START PROJECT OMISSION
U.S. 41 / IL ROUTE 50
STA 169+47.38



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

LOCATION MAP
NOT TO SCALE

TOWNSHIP: NILES

PROJECT ENGINEER: LUKAZ POCIECHA, PE (847) 705-4255
PROJECT MANAGER: VESELIN VELICHOV, PE

GROSS LENGTH = 21,176 FT. = 4.01 MILES
NET LENGTH = 19,571 FT. = 3.71 MILES

CONTRACT NO. 80B22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 23rd 2026*
Joe Ross IR

May 8 2026
Joe Ross
REGIONAL ENGINEER

May 8 2026
Joe Ross
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2026
Joe Ross
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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- 424001-12 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424021-07 DEPRESSED CORNER FOR SIDEWALKS
- 424026-04 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 424031-03 MEDIAN PEDESTRIAN CROSSINGS
- 442201-04 CLASS C AND D PATCHES
- 601001-05 PIPE UNDERDRAINS
- 602001-02 CATCH BASIN TYPE A
- 602401-07 PRECAST MANHOLE TYPE A 4' (1.22 M) DIAMETER
- 604001-05 FRAMES AND LIDS TYPE 1
- 606001-09 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
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- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
- 701456-05 PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
- 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
- 701611-01 URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
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- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 OR (800) 892-0123 FOR FIELD LOCATION OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. TWO BUSINESS DAY (48 HOURS) NOTIFICATION REQUIRED.
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF LINCOLNWOOD AND SKOKIE.
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. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
6. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
7. BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM IS PROVIDED.
8. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS ≤40 MPH, AND 1 INCH WHERE ITS > 40 MPH. A 3-INCH MAX MAY BE ALLOWED WITH WRITTEN APPROVAL FROM THE ENGINEER AND A MIN SLOPE OF 1:3 (V:M).
9. TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.
10. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
11. 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.
12. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, FADI SULTAN AT FADI.SULTAN@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
13. PAVEMENT PATCHING LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
14. CURB AND GUTTER REMOVAL/REPLACEMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
15. DRAINAGE ADJUSTMENT/RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
16. ANY PAVEMENT MARKINGS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS OR ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
17. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
18. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
19. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
20. ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATION SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
21. ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. THIS WORK IS NOT PAID SEPARATELY BUT CONSIDERED INCLUDED IN THE UNIT PRICES.
22. ADJUSTMENT OF FRAMES AND GRATES FOR PRIVATE UTILITIES WITHIN THE LIMITS OF IMPROVEMENT SHALL BE PERFORMED BY THE RESPECTIVE UTILITY OWNERS AND IS NOT PART OF THIS CONTRACT.
23. THE CONTRACTOR SHALL USE CARE WHEN GRADING OR EXCAVATING NEAR UTILITY POLES, BOXES, AND VAULTS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
24. TRANSITIONS AND VARIATIONS IN WIDTH/HEIGHT OF CURB AND GUTTER AND MEDIAN SHALL BE AT LEAST 10 FEET UNLESS OTHERWISE NOTED.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
26. WHERE EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.
27. LANDSCAPED AREAS AFFECTED BY STRIPING OR CONSTRUCTION SHALL BE RESTORED WITH 18-INCH WIDE STRIPS OF "SODDING, SALT TOLERANT" AND 4-INCH TOPSOIL, OR AS DETERMINED BY THE ENGINEER.
28. INLET FILTERS SHALL BE USED ON ALL OPEN GRATE DRAINAGE STRUCTURES WITHIN PROJECT LIMITS. COST IS INCLUDED IN INLET FILTER ITEM.
29. ADA RAMPS SHALL CONFORM TO CURRENT ADA STANDARDS OR STATE HIGHWAY STANDARDS AS DETERMINED BY THE ENGINEER.
30. THE CONTRACTOR SHALL USE EXTRA CARE AND PRECAUTION WHEN WORKING UNDER RAILROAD TRACKS.
31. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
32. SPECIAL ATTENTION SHALL BE TAKEN AT THE SIGNALIZED INTERSECTIONS OF TOUHY AVENUE/IL-94 AT IL 50 AND AT IL 50 AT I-94. ANY PAVEMENT OPERATION THAT WILL DAMAGE THE EXISTING PAVEMENT LOOP DETECTORS AT THESE INTERSECTIONS WILL REQUIRE TEMPORARY TRAFFIC SIGNAL TIMING ADJUSTMENTS TO BE IMPLEMENTED IMMEDIATELY. THIS WORK SHALL BE PAID FOR AS TEMPORARY TRAFFIC SIGNAL TIMING.
33. WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED, AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC, THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN THE SPECIFIED MAXIMUM DROP-OFF DEPTH SHOWN IN TABLE 2, CONDITION II OF THE SAFETY 4-21 POLICY AND ENSURE THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES/DRUMS AT THE END OF EACH WORKDAY. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. IF THE ABOVE REQUIREMENTS CAN'T BE MET, AND IT IS DETERMINED THAT OVERNIGHT LANE CLOSURES AND/OR TEMPORARY CONCRETE BARRIER WALL INSTALLATION WILL BE NECESSARY, THEN IDOT WRITTEN APPROVAL WILL BE REQUIRED PRIOR TO THE INSTALLATION OF THESE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.
34. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
US 41/ IL ROUTE 50 (DEVON AVE. TO GOLF RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	2
CONTRACT NO. 80B22			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				NHPP	NHPP	NHPP	
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	SAFETY
				0005	0021	0005	NONE
				URBAN	URBAN	URBAN	
20200100	EARTH EXCAVATION	CU YD	191	191			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	95	95			
20800150	TRENCH BACKFILL	CU YD	32	32			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	284	284			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	149	149			
25200110	SODDING, SALT TOLERANT	SQ YD	149	149			
25200200	SUPPLEMENTAL WATERING	UNIT	6	6			
28000510	INLET FILTERS	EACH	382	382			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	95	95			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	6144	6144			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	61684	61684			
40600370	LONGITUDINAL JOINT SEALANT	FOOT	80882	80882			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	213	213			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1176	1176			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	606	606			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	13432	13432			
42001300	PROTECTIVE COAT	SQ YD	7400	7400			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	33	33			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	47996	47996			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	87	87			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	137059	137059			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	43	43			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				NHPP	NHPP	NHPP	
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	SAFETY
				0005	0021	0005	NONE
				URBAN	URBAN	URBAN	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2361	2361			
44000600	SIDEWALK REMOVAL	SQ FT	75035	75035			
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	6177	6177			
44003100	MEDIAN REMOVAL	SQ FT	6217	6217			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	2059	2059			
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	2059	2059			
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	2059	2059			
44213200	SAW CUTS	FOOT	2962	2962			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	8			8	
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	EACH	106			106	
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	15			15	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	15			15	
60255410	CATCH BASINS TO BE CLEANED	EACH	4			4	
60255500	MANHOLES TO BE ADJUSTED	EACH	10			10	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	10			10	
60262700	INLETS TO BE RECONSTRUCTED	EACH	10			10	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10			10	
60406001	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT, OPEN LID	EACH	3	3			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10			10	
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	6918	6918			
60624600	CORRUGATED MEDIAN	SQ FT	3312	3312			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	191	191			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			

* = SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	3
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				NHPP	NHPP	NHPP	SAFETY
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	
0005	0021	0005	NONE				
URBAN	URBAN	URBAN					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	90	90			
67100100	MOBILIZATION	L SUM	1	1			
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4			
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			
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
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	20237	20237			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	10127	10127			
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	4254	4254			
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	102280	102280			
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	32704	32704			
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1918	1918			
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	3826	3826			
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	4128	4128			
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	10127	10127			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	7		7		
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2232	2232			
12800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15		15		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42669	42669			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				NHPP	NHPP	NHPP	SAFETY
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	
0005	0021	0005	NONE				
URBAN	URBAN	URBAN					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10627	10627			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	518	518			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6225	6225			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2146	2146			
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4"	FOOT	9612	9612			
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	279	279			
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	9612	9612			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1785	1785			
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1785	1785			
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	507		507		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	74		74		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10		10		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	10159		10159		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	122		122		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1703		1703		
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3140		3140		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	697		697		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	5		5		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20		
* 87900200	DRILL EXISTING HANDHOLE	EACH	36		36		
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11		11		
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2		

* = SPECIALTY ITEM

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PLOT DATE = 3/24/2026	DATE - 3/24/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	4
CONTRACT NO. 80B22			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			SAFETY
				NHPP	NHPP	NHPP	
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	
				0005	0021	0005	NONE
				URBAN	URBAN	URBAN	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	6684		6684		
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4		4		
* 89502376	REBUILD EXISTING HANDHOLE	EACH	8		8		
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1			
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	375	375			
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1			1	
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2		2		
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	34		34		
* X1400450	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	3		3		
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	412	412			
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	1078	1078			
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	9886	9886			
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	5730			5730	
X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	200			200	
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	200			200	
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1			1	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	309			309	
X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	3365	3365			
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12			
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	126	126			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			SAFETY
				NHPP	NHPP	NHPP	
				80% FED 20% STATE	80% FED 20% STATE	100% STATE	
				ROADWAY	TRAFFIC SIGNAL	ROADWAY	
				0005	0021	0005	NONE
				URBAN	URBAN	URBAN	
* X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	1		1		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	75		75		
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	144		144		
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	963		963		
* X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	382			382	
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	10		10		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	27			27	

* = SPECIALTY ITEM

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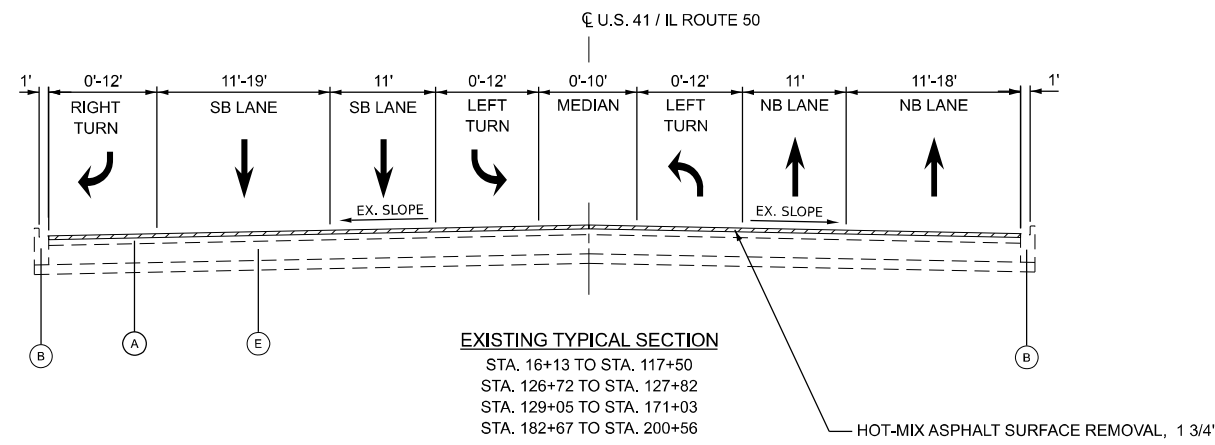
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	DATE - 3/24/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

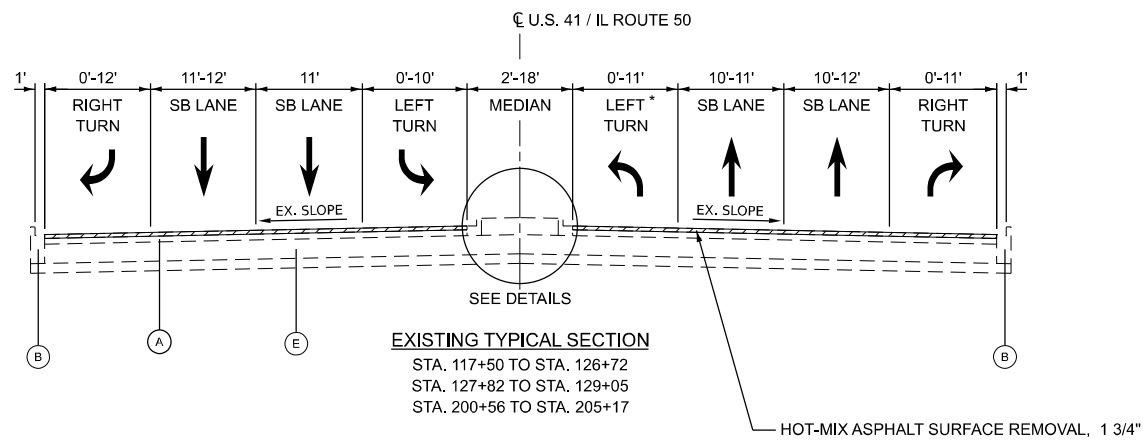
SUMMARY OF QUANTITIES
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)

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

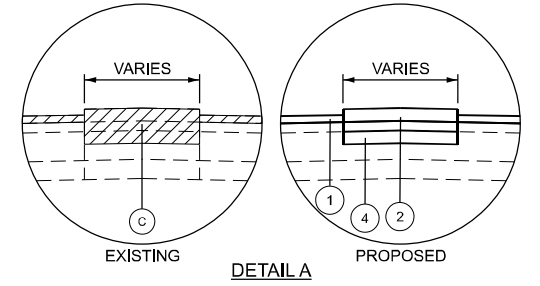
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350	2025-2001-RS	COOK	141	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B22	



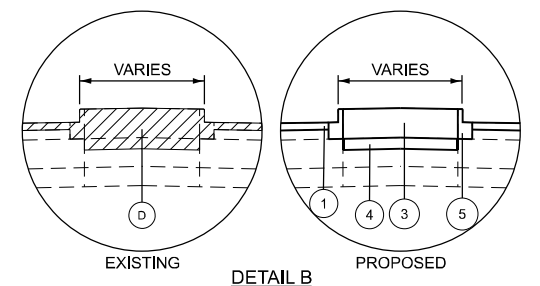
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 STA. 16+13 TO STA. 117+50
 STA. 126+72 TO STA. 127+82
 STA. 129+05 TO STA. 171+03
 STA. 182+67 TO STA. 200+56



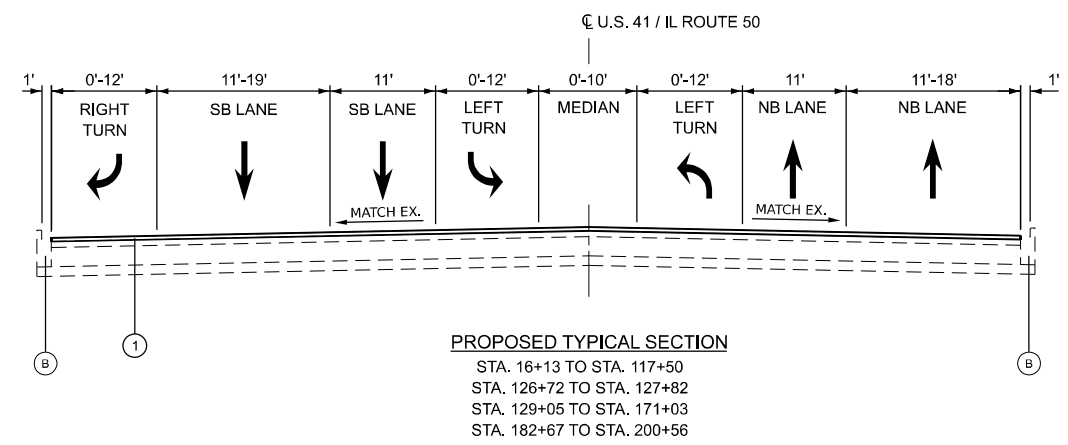
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 STA. 127+82 TO STA. 129+05
 STA. 200+56 TO STA. 205+17



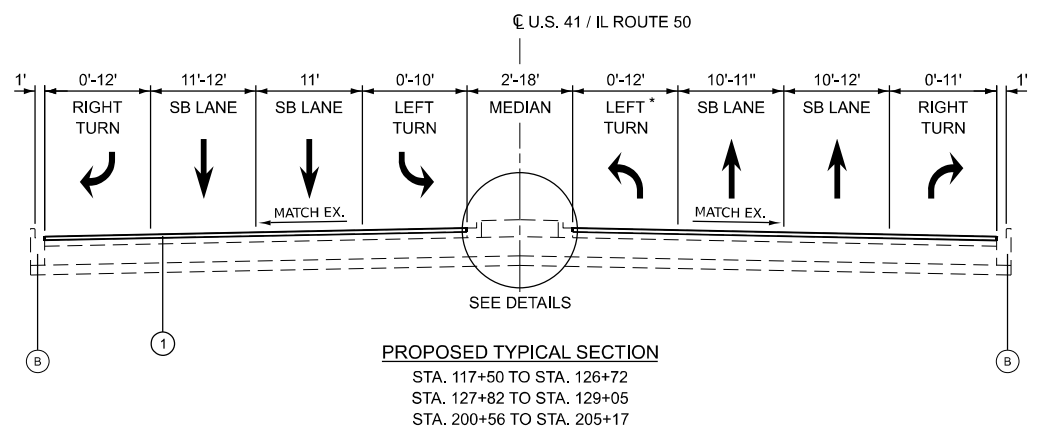
STA. 117+50 TO STA. 120+68



STA. 120+68 TO STA. 122+21



PROPOSED TYPICAL SECTION
 STA. 16+13 TO STA. 117+50
 STA. 126+72 TO STA. 127+82
 STA. 129+05 TO STA. 171+03
 STA. 182+67 TO STA. 200+56



PROPOSED TYPICAL SECTION
 STA. 117+50 TO STA. 126+72
 STA. 127+82 TO STA. 129+05
 STA. 200+56 TO STA. 205+17

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE COURSE 3" & VARIES
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING CORRUGATED MEDIAN
- (D) EXISTING MEDIAN
- (E) EXISTING PCC BASE COURSE

PROPOSED LEGEND

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, IL-9.5, MIX "F", N80, 1 3/4" THICK
- (2) CORRUGATED MEDIAN
- (3) CONCRETE MEDIAN, TYPE SB-6.12
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (5) CONCRETE CURB AND GUTTER

LEGEND



NOTES:

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDES @ (Ndes)	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING (SMART)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, IL-9.5, MIX "F", N80 (1 3/4 IN)	3.5% @ 80 GYR	PFP
PATCHING		
CLASS D PATCHES (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

MIXTURE REQUIREMENTS NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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.

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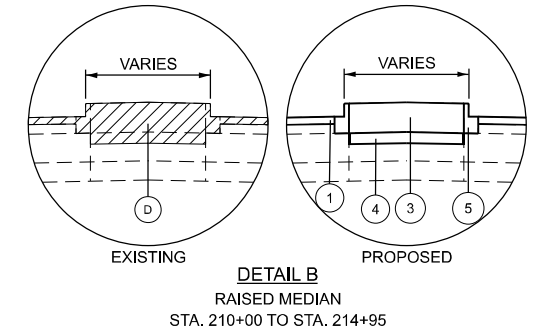
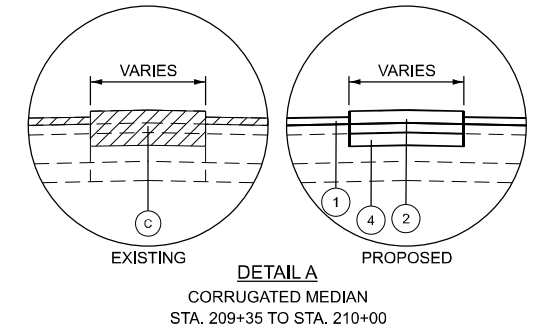
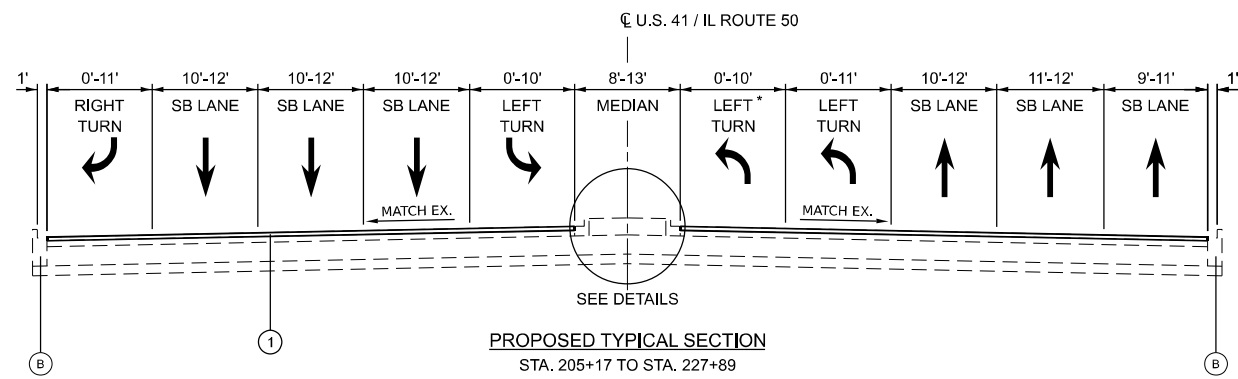
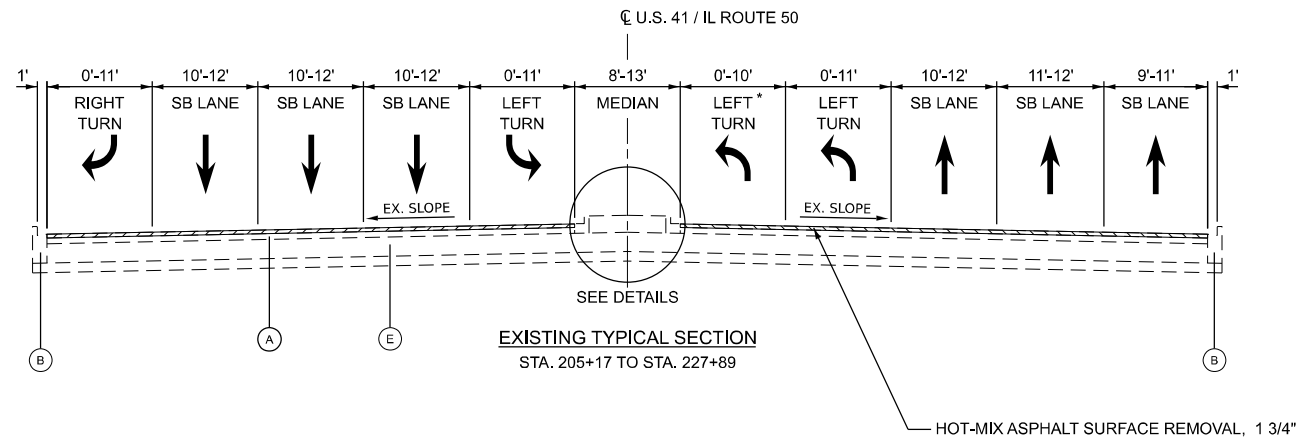
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	6
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		



EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE COURSE 3" & VARIES
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING CORRUGATED MEDIAN
- (D) EXISTING MEDIAN
- (E) EXISTING PCC BASE COURSE

PROPOSED LEGEND

- (1) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, IL-9.5, MIX "F", N80, 1 3/4" THICK
- (2) CORRUGATED MEDIAN
- (3) CONCRETE MEDIAN, TYPE SB-6.12
- (4) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (5) CONCRETE CURB AND GUTTER

LEGEND



NOTES:

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

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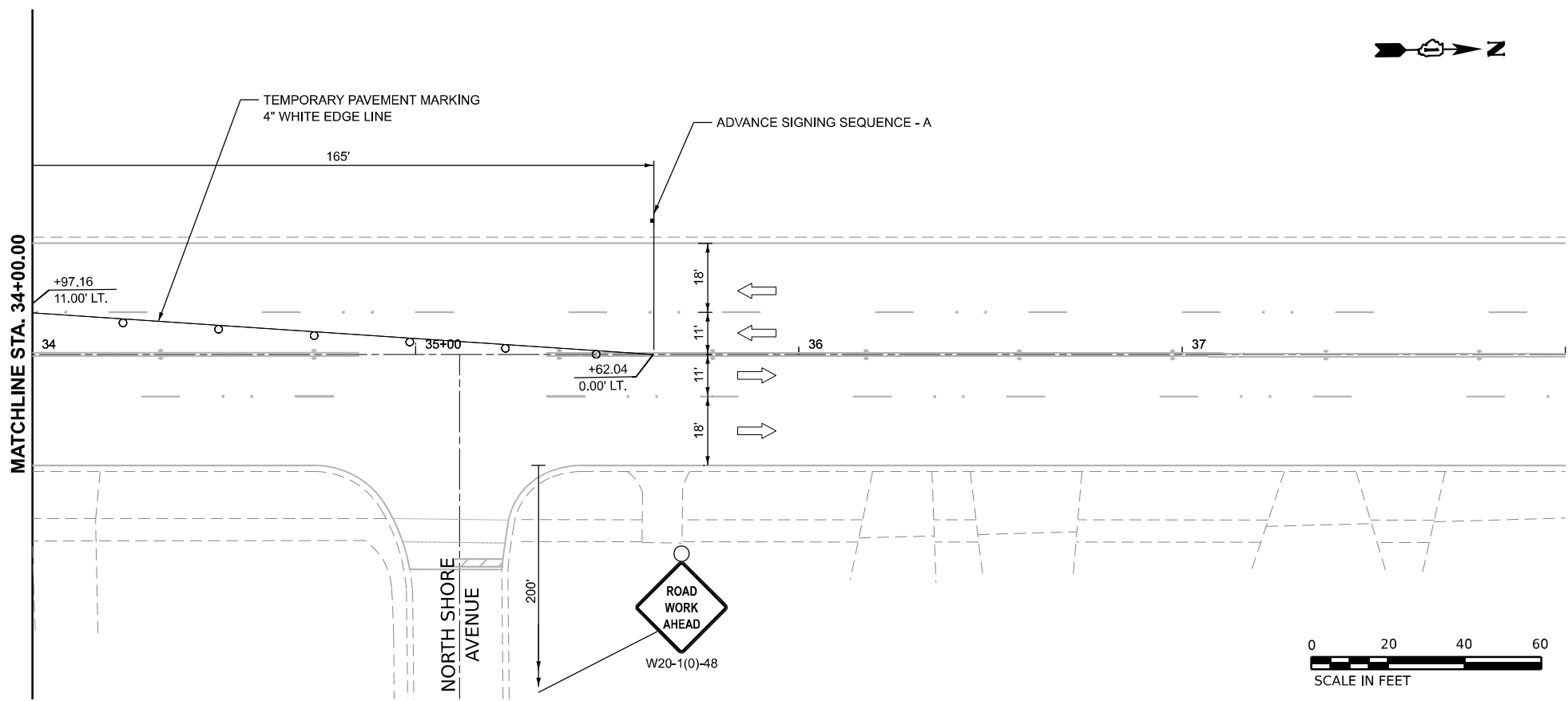
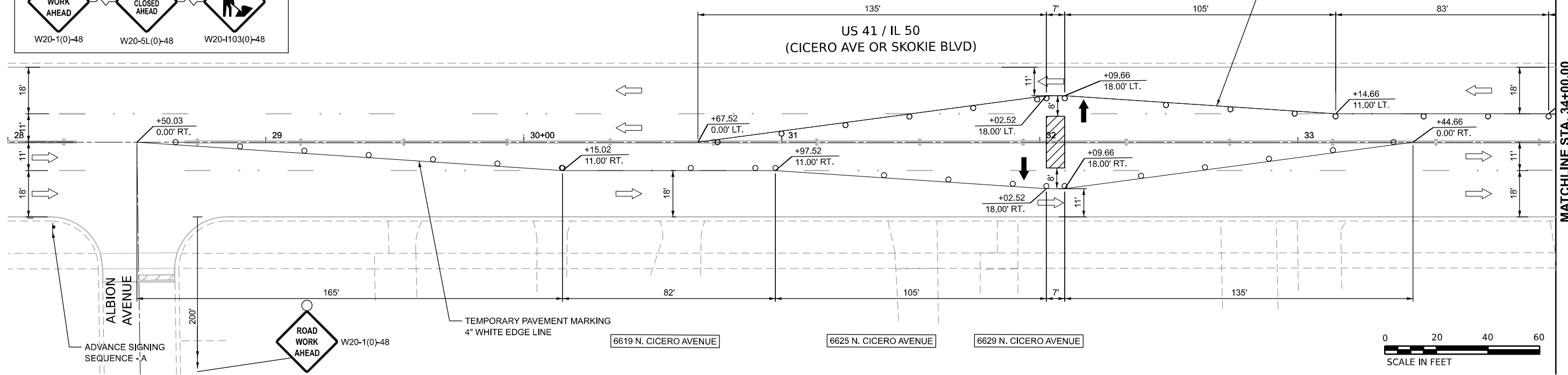
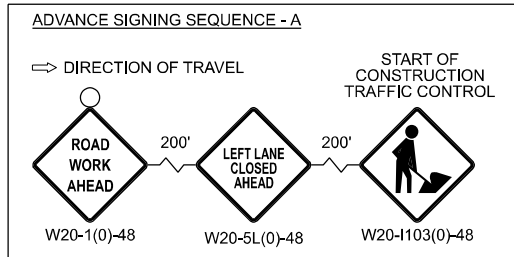
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PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	7
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



NOTES:

1. STAGE 1 : USE IDOT HIGHWAY STANDARD 701611-01
2. SEE SHEET NO. 23 FOR DRAINAGE IMPROVEMENT PLANS.
3. PARKING WILL BE RESTRICTED WITHIN LIMITS OF TRAFFIC CONTROL ON THE WEST AND EAST SIDE OF US 41/ IL 50.

LEGEND

- ARROW BOARD
- WORK AREA
- CONE, DRUM OR BARRICADE
- SIGN ON PORTABLE OR PERMANENT SUPPORT

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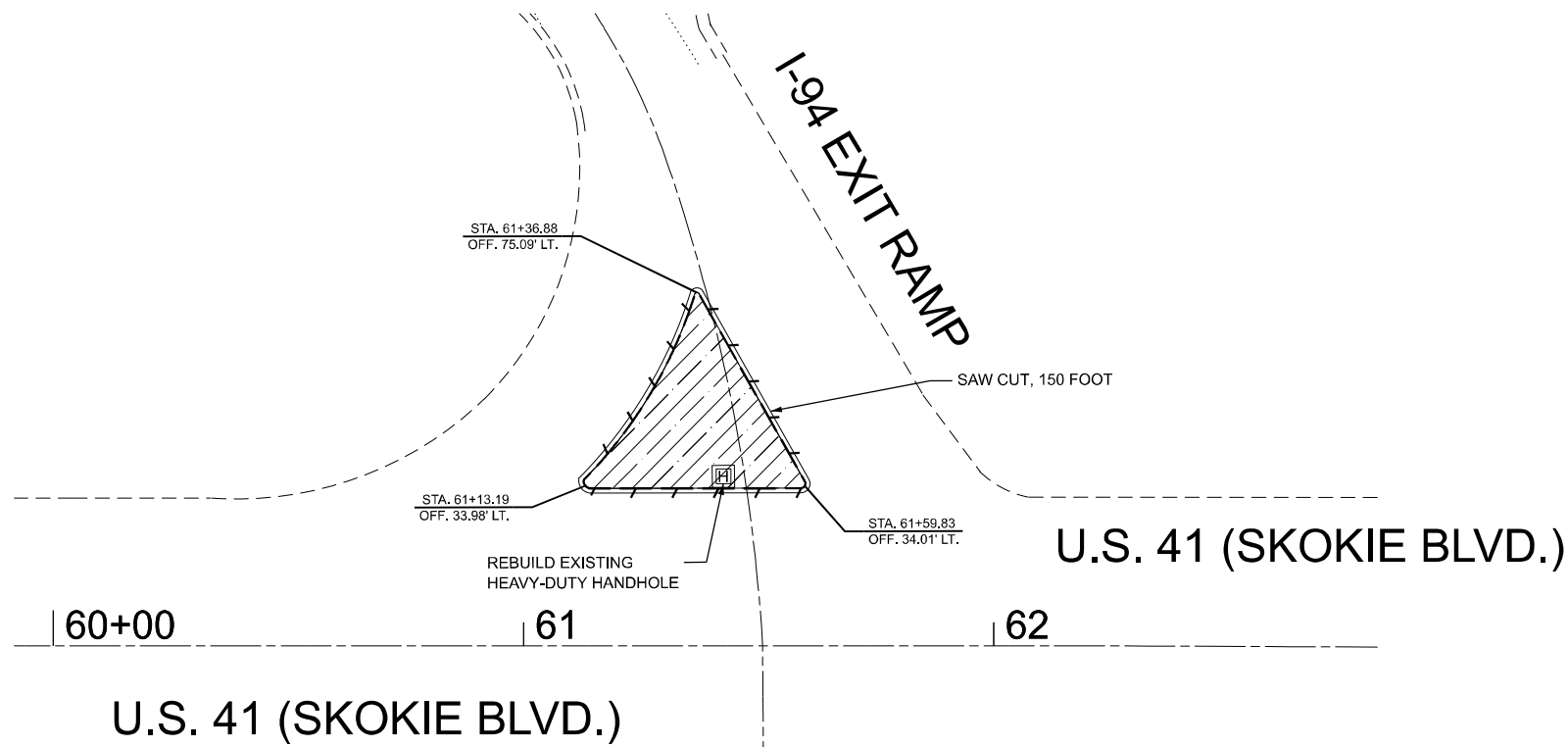
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN - STAGE 2
6629 N. CICERO AVENUE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	8
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	

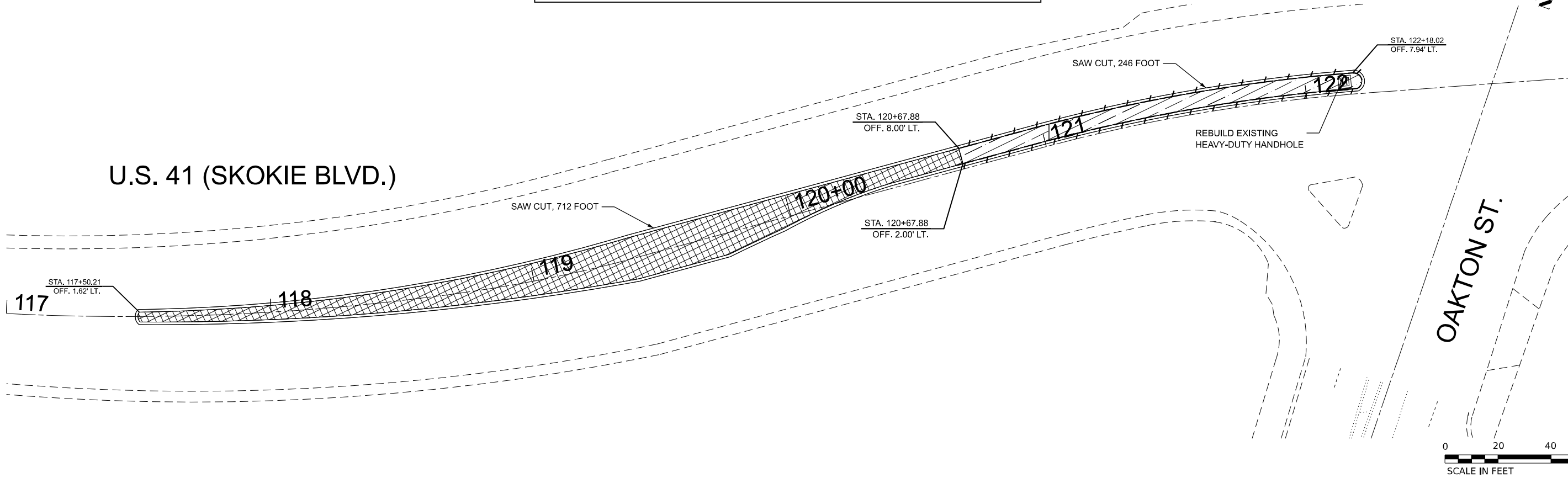
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U.S. 41 (SKOKIE BLVD.)

MEDIAN REMOVAL LEGEND

- MEDIAN REMOVAL, 1864 SQFT
- CORRUGATED MED REM, 2,997 SQ FT
- COMB CURB GUTTER REM, 460 FOOT



U.S. 41 (SKOKIE BLVD.)



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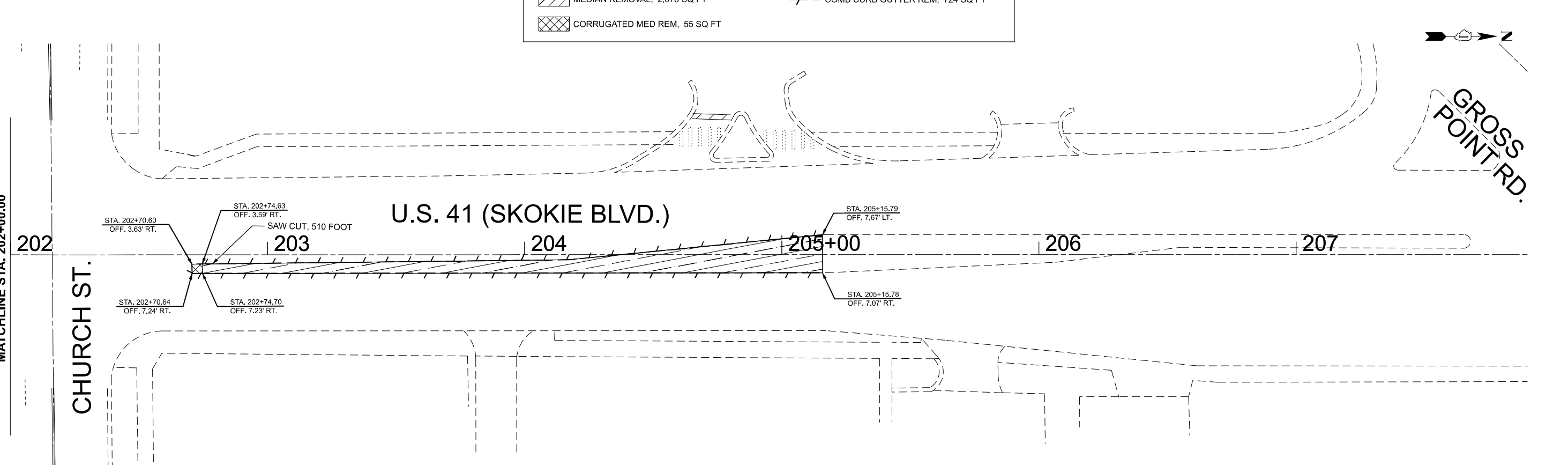
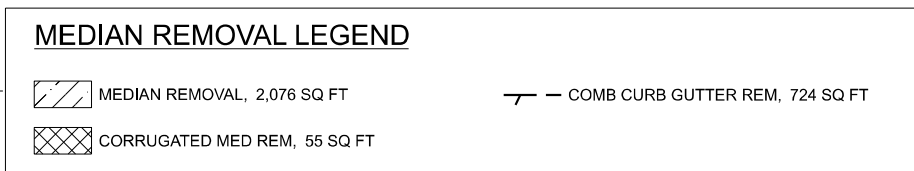
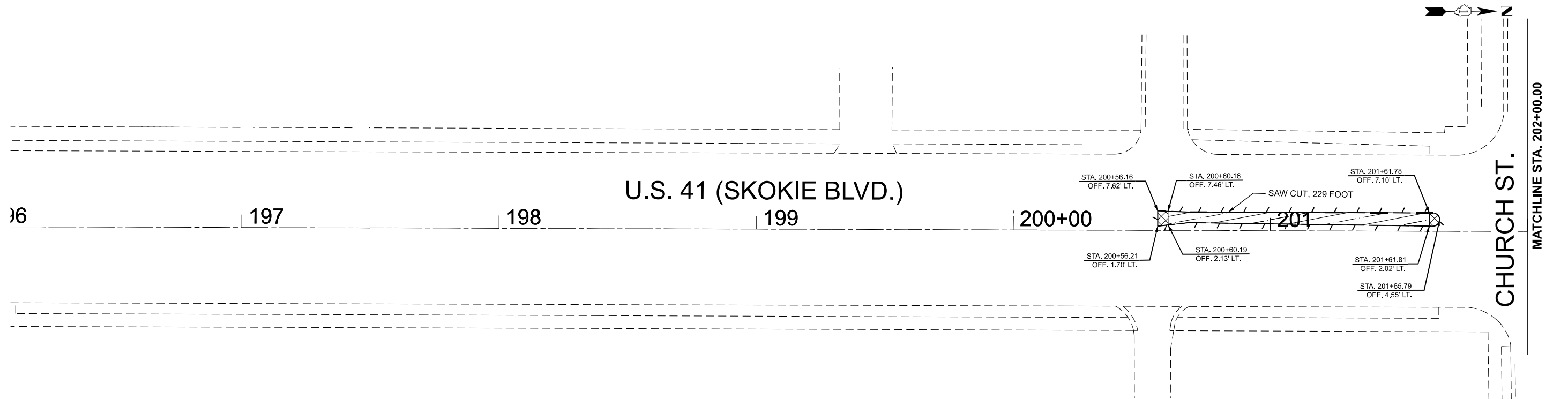
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MEDIAN REMOVAL PLANS
US 41 (SKOKIE BOULEVARD) AT I-94 EXIT RAMP AND OAKTON ST.**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	9
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN REMOVAL PLANS
US 41 (SKOKIE BOULEVARD) AT CHURCH STREET

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 196+00 TO STA. 208+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	10
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



U.S. 41 (SKOKIE BLVD.)

GROSS POINT RD.

207

208

209

STA. 209+37.93
OFF. 2.78' RT.

STA. 209+93.38
OFF. 2.45' RT.

210+00

211

212

SAW CUT, 609 FOOT

STA. 209+93.39
OFF. 7.91' RT.

MATCHLINE STA. 212+90.00

MEDIAN REMOVAL LEGEND

 MEDIAN REMOVAL, 2,977 SQ FT

 CORRUGATED MED REM, 346 SQ FT

 COMB CURB GUTTER REM, 1,100 FOOT



U.S. 41 (SKOKIE BLVD.)

MATCHLINE STA. 212+90.00

SAW CUT, 415 FOOT

REBUILD EXISTING
HEAVY-DUTY HANDHOLE

STA. 214+92.00
OFF. 7.62' LT.

213

214

215+00

EMERSON ST.

216

217

218



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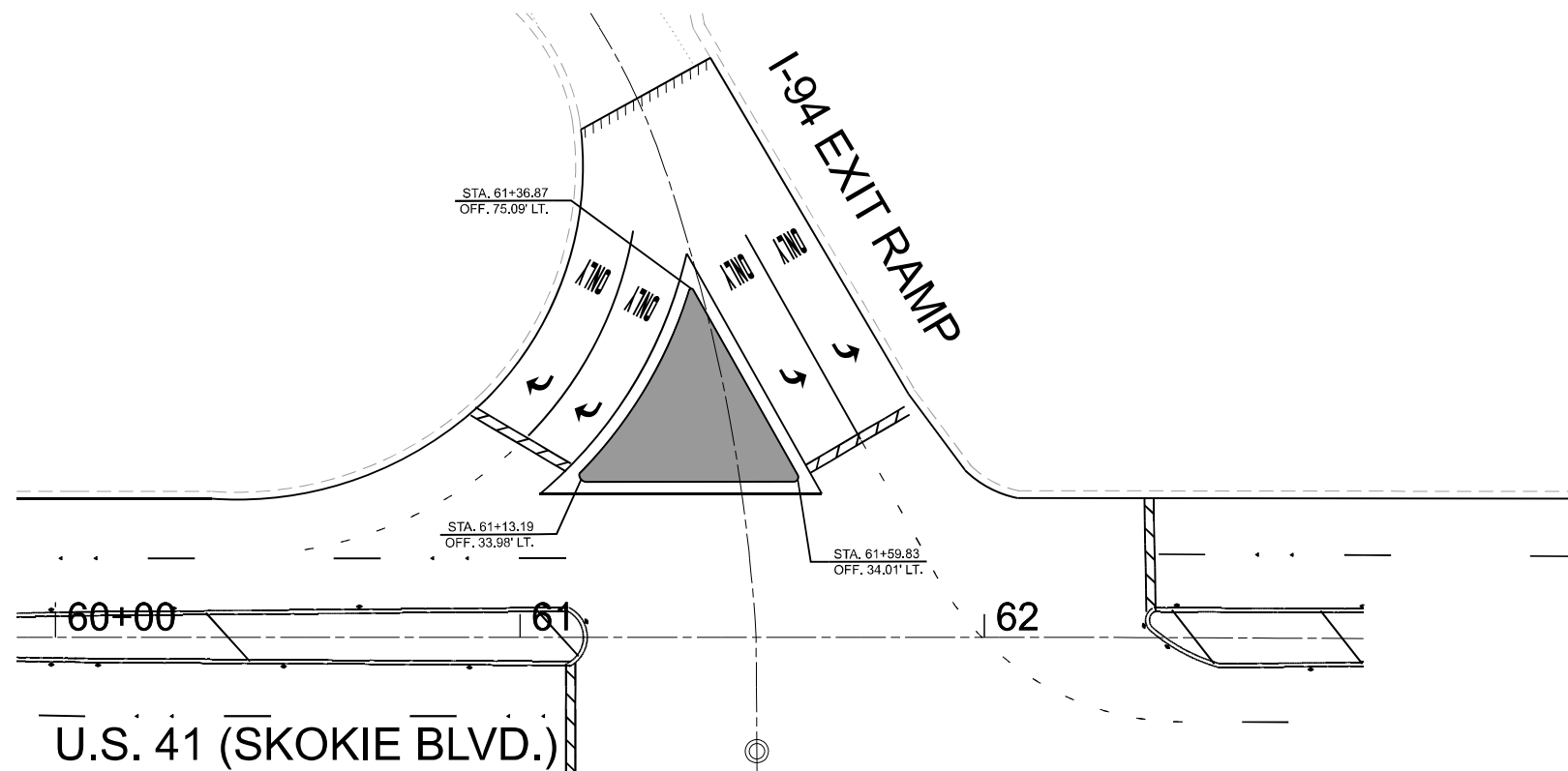
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN REMOVAL PLANS
US 41 (SKOKIE BOULEVARD) FROM EMERSON ST. TO 600' SOUTH

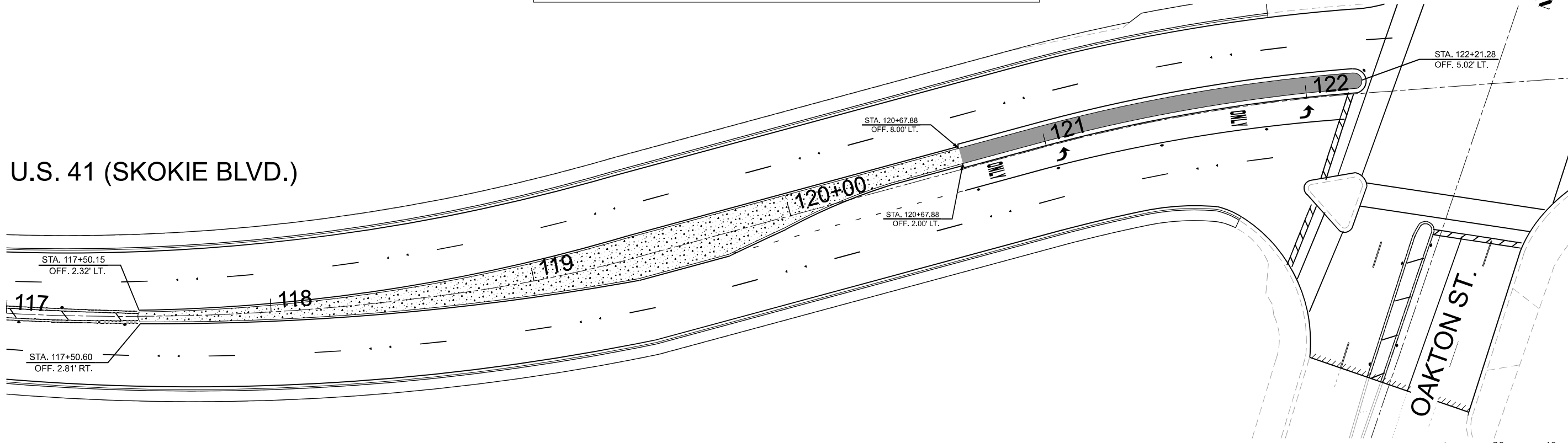
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 207+00 TO STA. 219+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	11
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



U.S. 41 (SKOKIE BLVD.)

MEDIAN DETAIL LEGEND	
	CONC MED TSB6.12, 1864 SQ FT SUB GRAN MAT B 4, 207 SQ YD
	CORRUGATED MED, 2,998 SQ FT SUB GRAN MAT B 4, 334 SQ YD



U.S. 41 (SKOKIE BLVD.)



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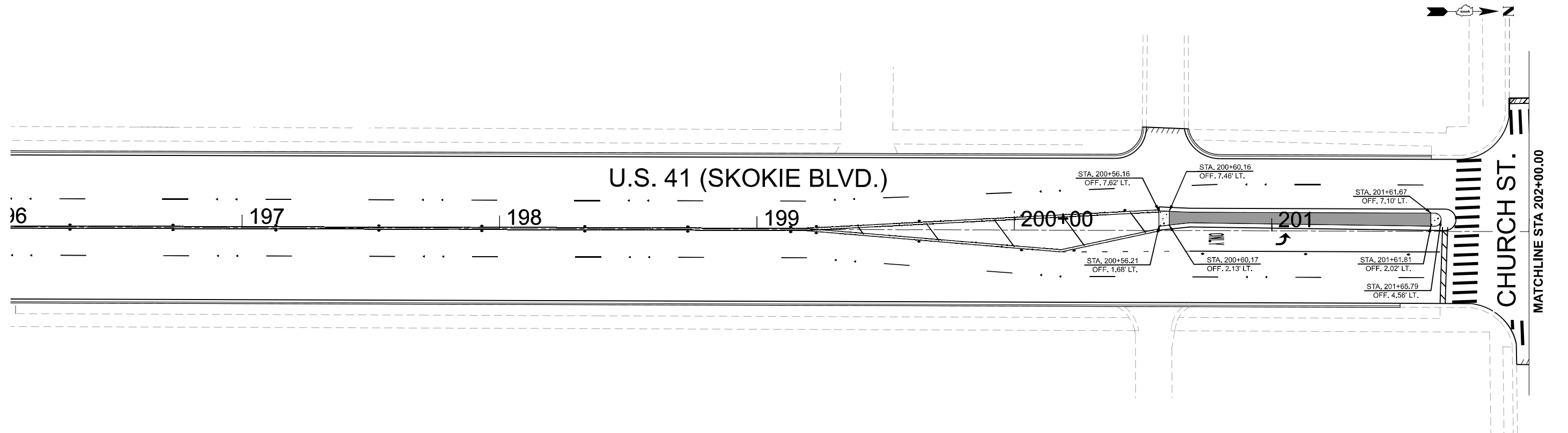




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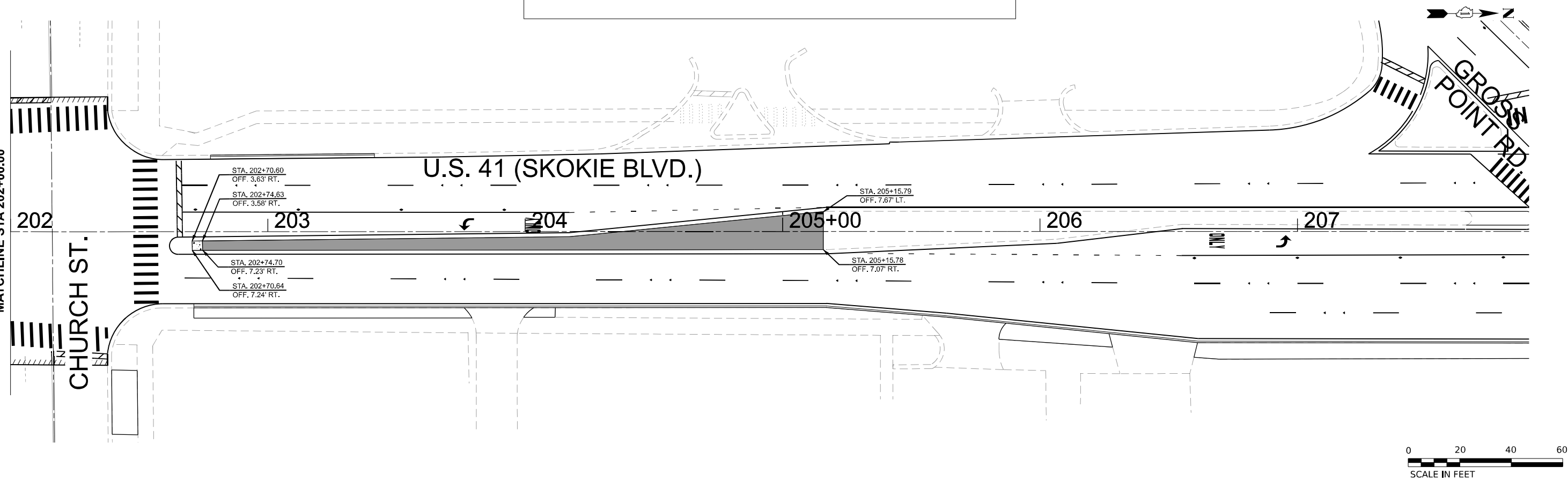
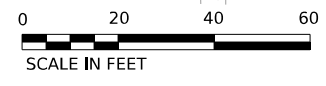
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED MEDIAN IMPROVEMENT PLANS
US 41 (SKOKIE BOULEVARD) AT I-94 EXIT RAMP AND OAKTON ST.
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	12
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



MEDIAN DETAIL LEGEND	
	CONC MED TSB6.12, 2.077 SQ FT SUB GRAN MAT B 4, 231 SQ YD
	CORRUGATED MED, 55 SQ FT SUB GRAN MAT B 4, 4 SQ YD



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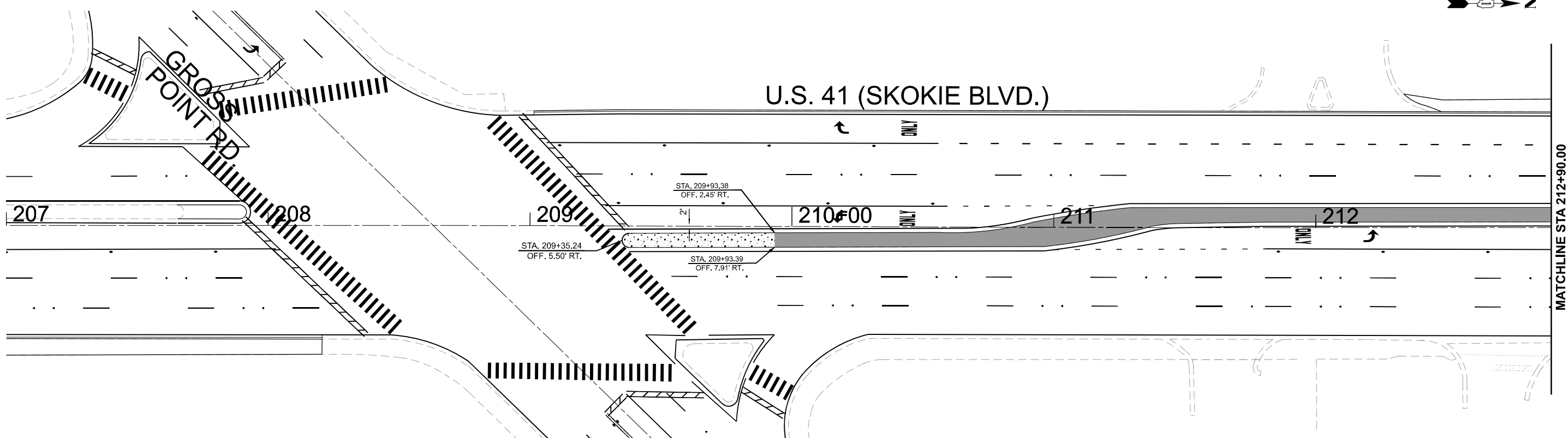
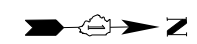
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PROPOSED MEDIAN IMPROVEMENT PLANS
US 41 (SKOKIE BOULEVARD) AT CHURCH STREET

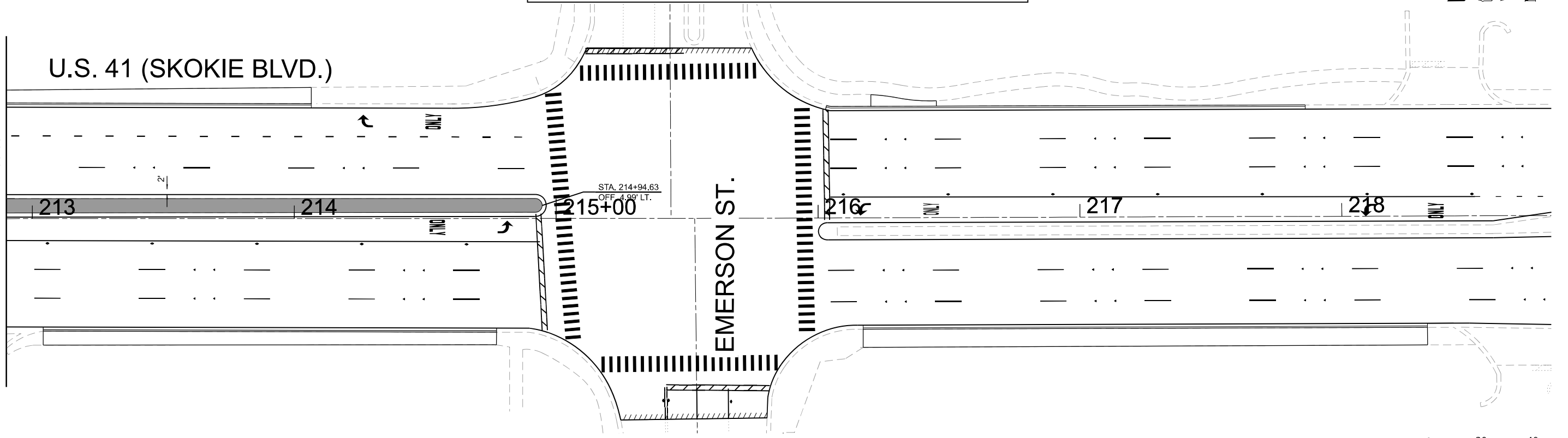
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	13
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



MEDIAN DETAIL LEGEND

 CONC MED TSB6.12, 2.939 SQ FT SUB GRAN MAT B 4, 331 SQ YD	 CORRUGATED MED, 313 SQ FT SUB GRAN MAT B 4, 35 SQ YD
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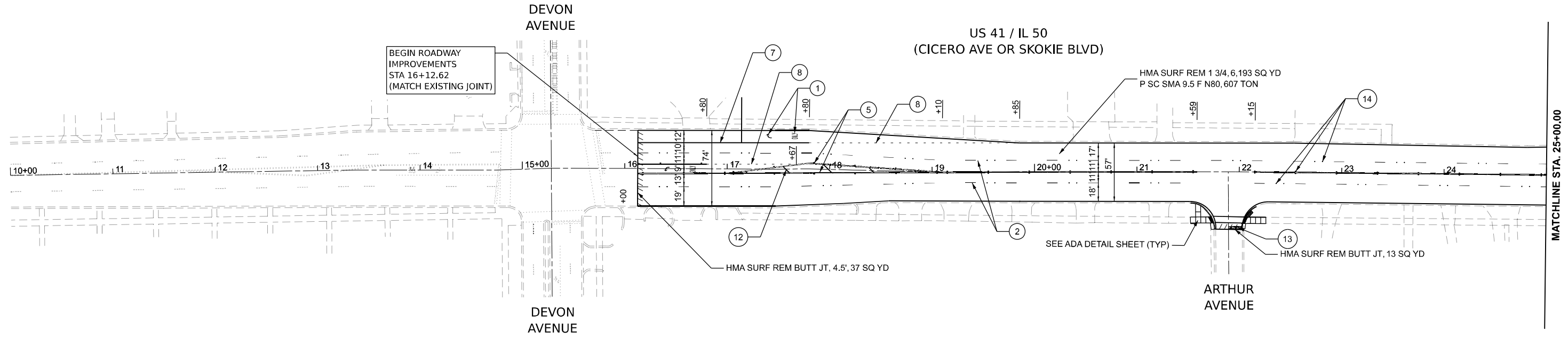
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PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED MEDIAN IMPROVEMENT PLANS
US 41 (SKOKIE BOULEVARD) FROM EMERSON ST. TO 600' SOUTH**

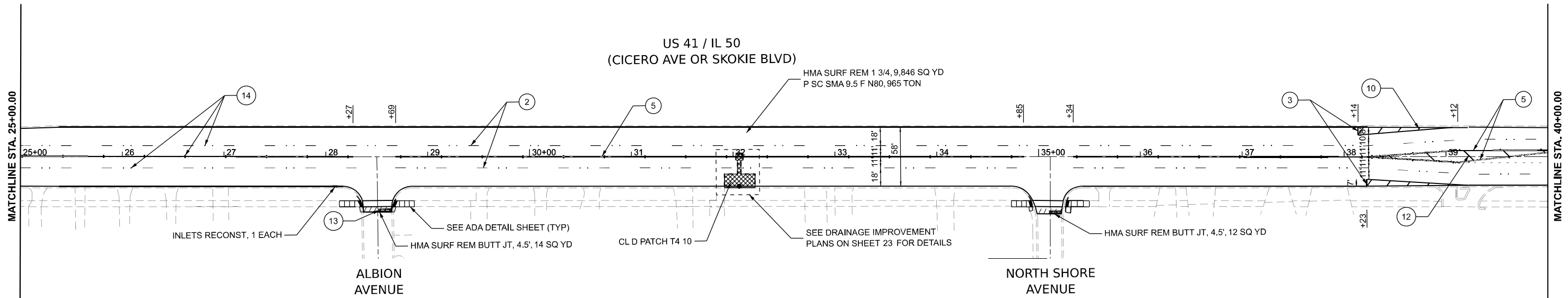
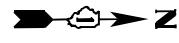
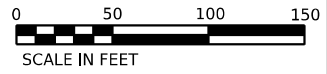
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 207+00 TO STA. 219+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	14
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



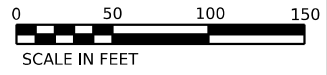
PAVEMENT MARKING LEGEND

- | | | | |
|---|--|--|---|
| ① THPL PVT MK LTR & SYM, 74 SQ FT | ⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 5,258 FOOT | ⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT | ⑬ THPL PVT MK LINE 24 (WHITE), 40 FOOT |
| ② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP)
USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,158 FOOT | ⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT | ⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 51 FOOT | ⑭ RAISED REFL PVT MKR, 231 EACH |
| ③ THPL PVT MK LINE 4 (WHITE), 207 FOOT | ⑦ THPL PVT MK LINE 6 (WHITE), 235 FOOT | ⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 0 FOOT | ⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT |
| ④ THPL PVT MK LINE 4 (YELLOW), 0 FOOT | ⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 96 FOOT | ⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 76 FOOT | ⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT |
| | | | ⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT |



NOTES:

- 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. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.



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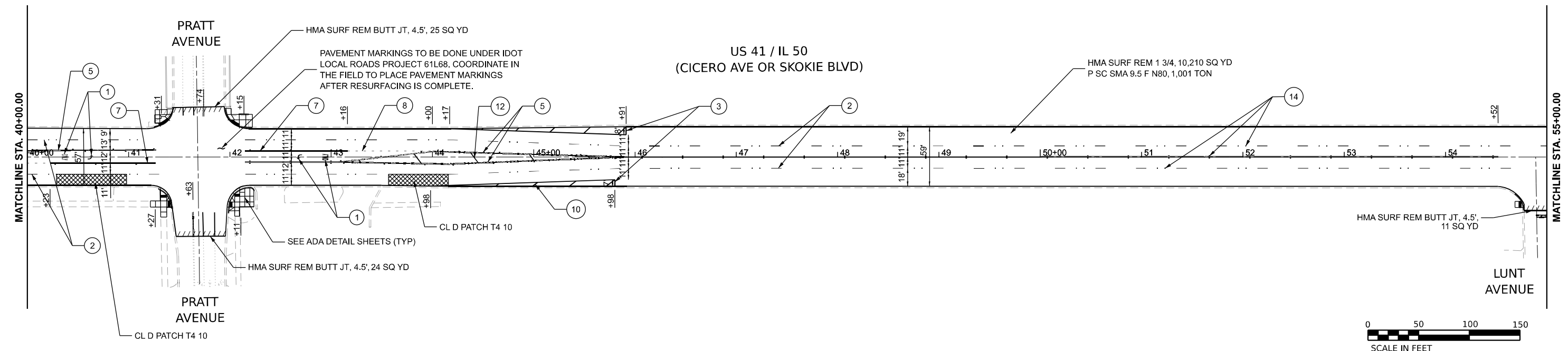
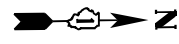
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DRAWN - MP	REVISED -	
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PLOT DATE = 4/23/2026	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

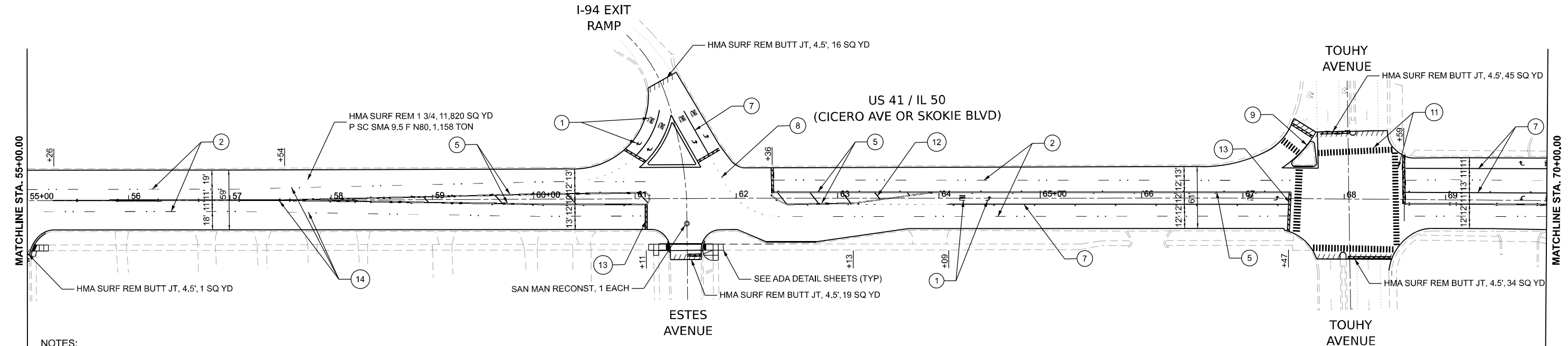
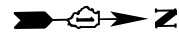
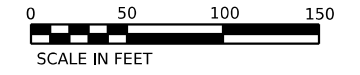
SCALE: 1"=50' SHEET 1 OF 8 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	15
CONTRACT NO. 80B22				
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- | | | | |
|--|--|---|---|
| ① THPL PVT MK LTR & SYM, 328 SQ FT | ⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 6,954 FOOT | ⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT | ⑬ THPL PVT MK LINE 24 (WHITE), 438 FOOT |
| ② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,321 FOOT | ⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT | ⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 65 FOOT | ⑭ RAISED REFL PVT MKR, 280 EACH |
| ③ THPL PVT MK LINE 4 (WHITE), 492 FOOT | ⑦ THPL PVT MK LINE 6 (WHITE), 1,538 FOOT | ⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 582 FOOT | ⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT |
| ④ THPL PVT MK LINE 4 (YELLOW), 0 FOOT | ⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 89 FOOT | ⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 147 FOOT | ⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT |
| | | | ⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT |



NOTES:

- 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.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.



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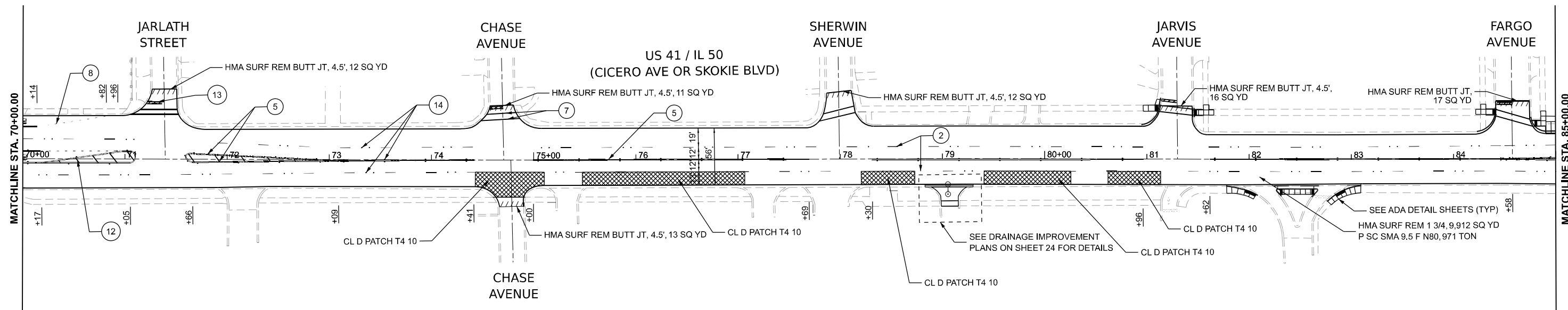
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PLOT DATE = 4/23/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

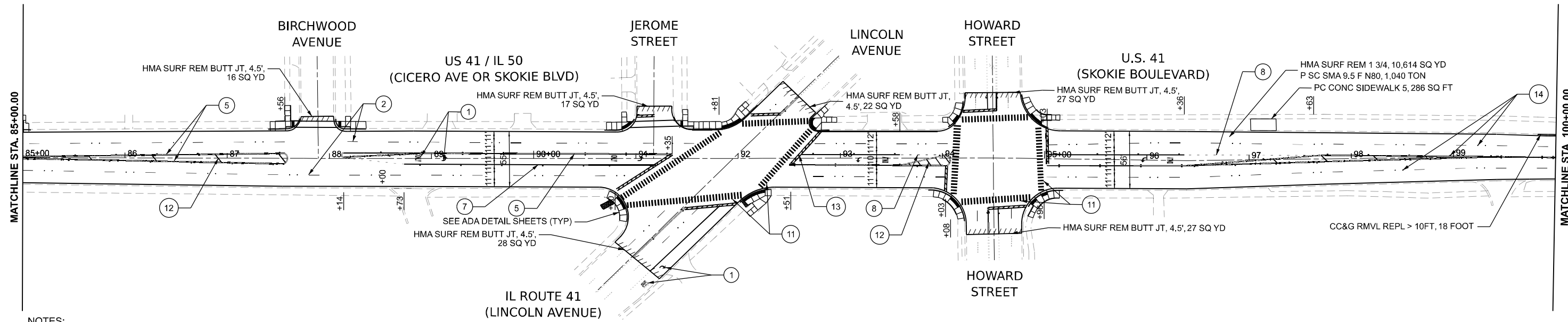
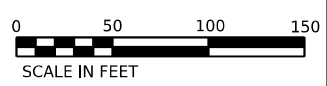
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	16
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		



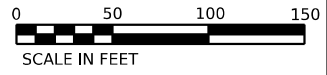
PAVEMENT MARKING LEGEND

- | | | | |
|---|--|---|---|
| ① THPL PVT MK LTR & SYM, 228 SQ FT | ⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 7,278 FOOT | ⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT | ⑬ THPL PVT MK LINE 24 (WHITE), 381 FOOT |
| ② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP)
USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,326 FOOT | ⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT | ⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT | ⑭ RAISED REFL PVT MKR, 281 EACH |
| ③ THPL PVT MK LINE 4 (WHITE), 0 FOOT | ⑦ THPL PVT MK LINE 6 (WHITE), 1,118 FOOT | ⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 1,073 FOOT | ⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT |
| ④ THPL PVT MK LINE 4 (YELLOW), 0 FOOT | ⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 92 FOOT | ⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 174 FOOT | ⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT |
| | | | ⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT |



NOTES:

- 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.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.



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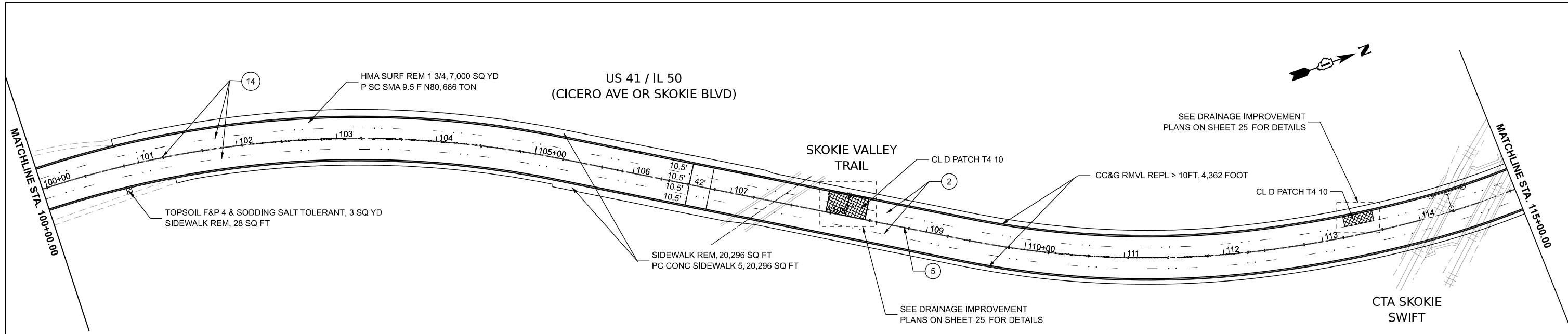
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PLOT SCALE = 0.1666667 / in.	DRAWN - MP	REVISED -
PLOT DATE = 4/23/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

SCALE: 1"=50' SHEET 3 OF 8 SHEETS STA. 70+00.00 TO STA. 100+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	17
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

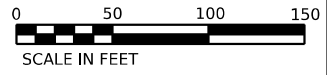
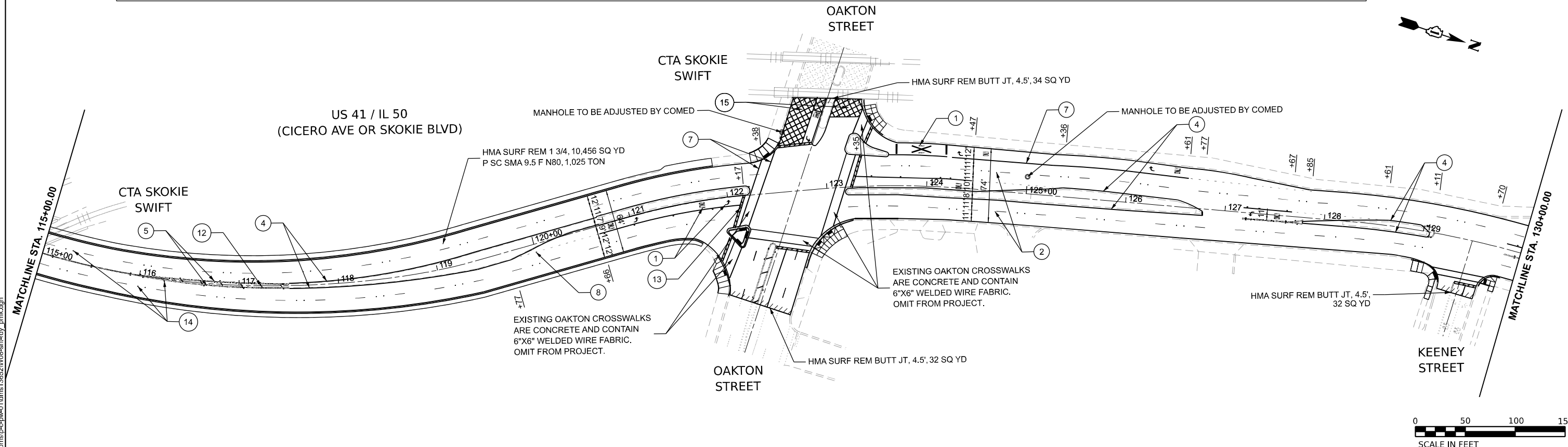
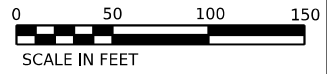


NOTES:

- 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. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.

PAVEMENT MARKING LEGEND

① THPL PVT MK LTR & SYM, 313 SQ FT	⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 4,194 FOOT	⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT	⑬ THPL PVT MK LINE 24 (WHITE), 203 FOOT
② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,453 FOOT	⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT	⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT	⑭ RAISED REFL PVT MKR, 249 EACH
③ THPL PVT MK LINE 4 (WHITE), 0 FOOT	⑦ THPL PVT MK LINE 6 (WHITE), 2,165 FOOT	⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 0 FOOT	⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 769 FOOT
④ THPL PVT MK LINE 4 (YELLOW), 1,946 FOOT	⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 100 FOOT	⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 25 FOOT	⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT
			⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT



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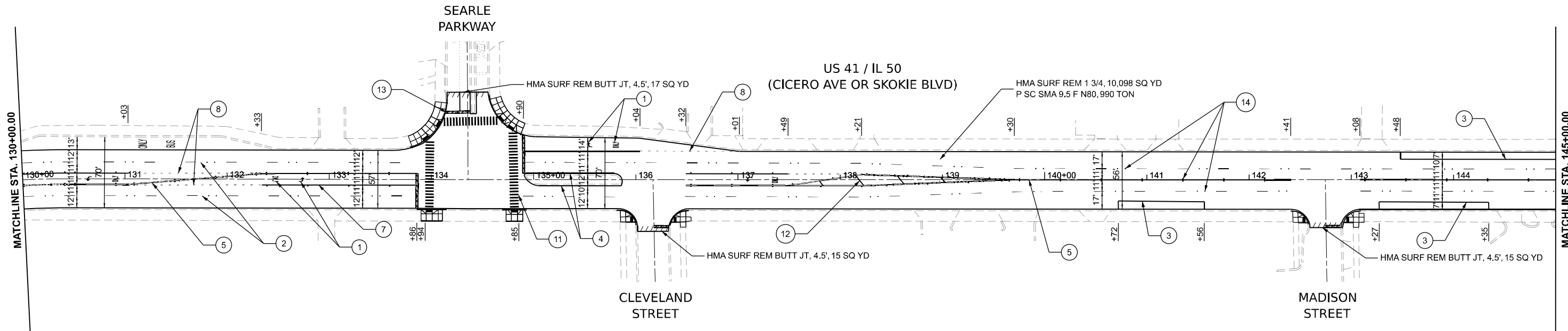
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PLOT DATE = 4/23/2026	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

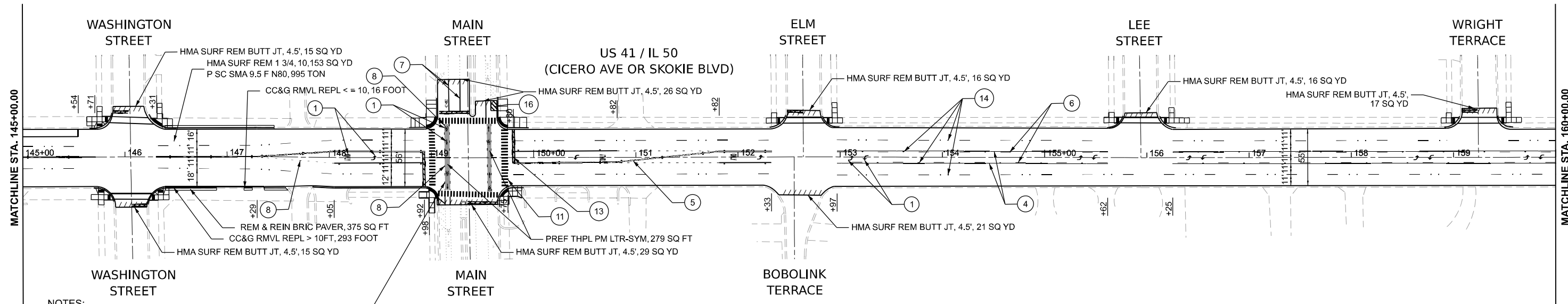
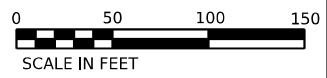
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F.A.P. RTE. 350	SECTION 2025-2001-RS	COUNTY COOK	TOTAL SHEETS 141	SHEET NO. 18
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



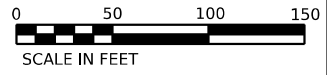
PAVEMENT MARKING LEGEND

- | | | | |
|--|--|--|---|
| ① THPL PVT MK LTR & SYM, 488 SQ FT | ⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 3,976 FOOT | ⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT | ⑬ THPL PVT MK LINE 24 (WHITE), 322 FOOT |
| ② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,281 FOOT | ⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 320 FOOT | ⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT | ⑭ RAISED REFL PVT MKR, 265 EACH |
| ③ THPL PVT MK LINE 4 (WHITE), 442 FOOT | ⑦ THPL PVT MK LINE 6 (WHITE), 1,183 FOOT | ⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 858 FOOT | ⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT |
| ④ THPL PVT MK LINE 4 (YELLOW), 1,484 FOOT | ⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 241 FOOT | ⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 38 FOOT | ⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 20 FOOT |
| | | | ⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT |



NOTES:

- 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.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.



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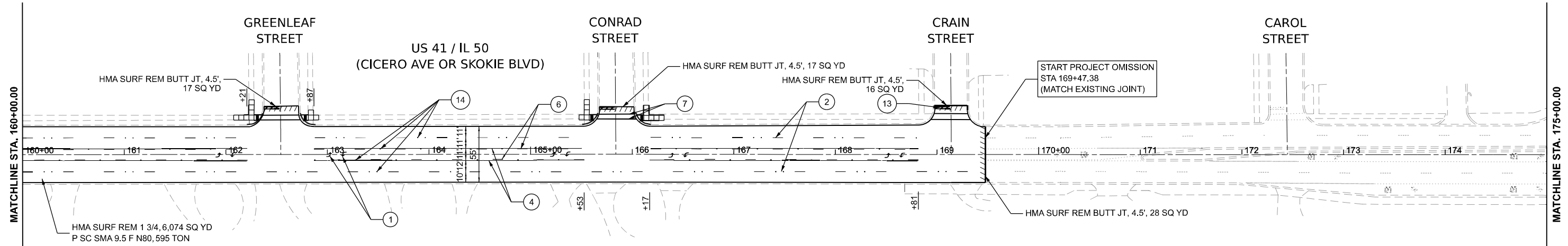
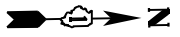
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	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

SCALE: 1"=50' SHEET 5 OF 8 SHEETS STA. 130+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	19
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

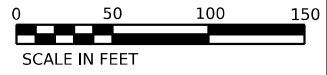
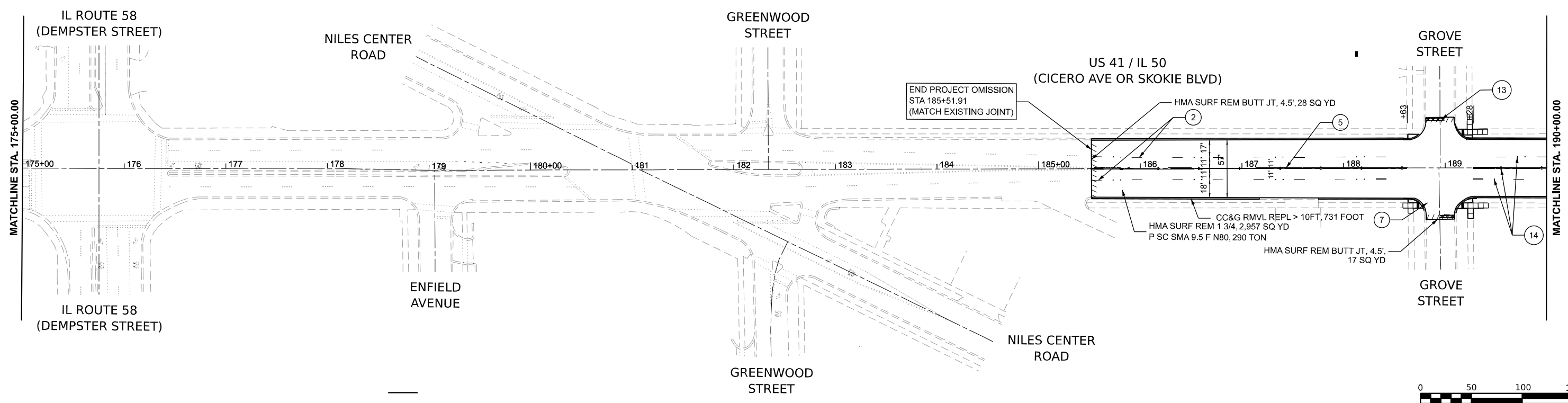


NOTES:

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 ASPHALT, MODIFIED URETHANE ON CONCRETE.
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.
5. 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.
6. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
7. 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.
8. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
9. ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.

PAVEMENT MARKING LEGEND

① THPL PVT MK LTR & SYM, 156 SQ FT	⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 848 FOOT	⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT	⑬ THPL PVT MK LINE 24 (WHITE), 48 FOOT
② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 617 FOOT	⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 375 FOOT	⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT	⑭ RAISED REFL PVT MKR, 119 EACH
③ THPL PVT MK LINE 4 (WHITE), 0 FOOT	⑦ THPL PVT MK LINE 6 (WHITE), 260 FOOT	⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 0 FOOT	⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT
④ THPL PVT MK LINE 4 (YELLOW), 1,499 FOOT	⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 0 FOOT	⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 0 FOOT	⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT
			⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT



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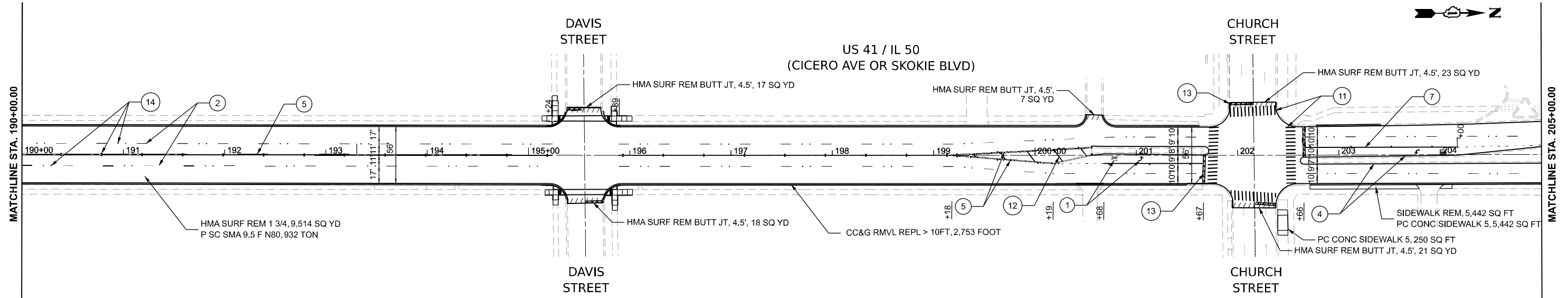
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

SCALE: 1"=50' SHEET 6 OF 8 SHEETS STA. 160+00.00 TO STA. 190+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	20
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

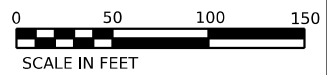
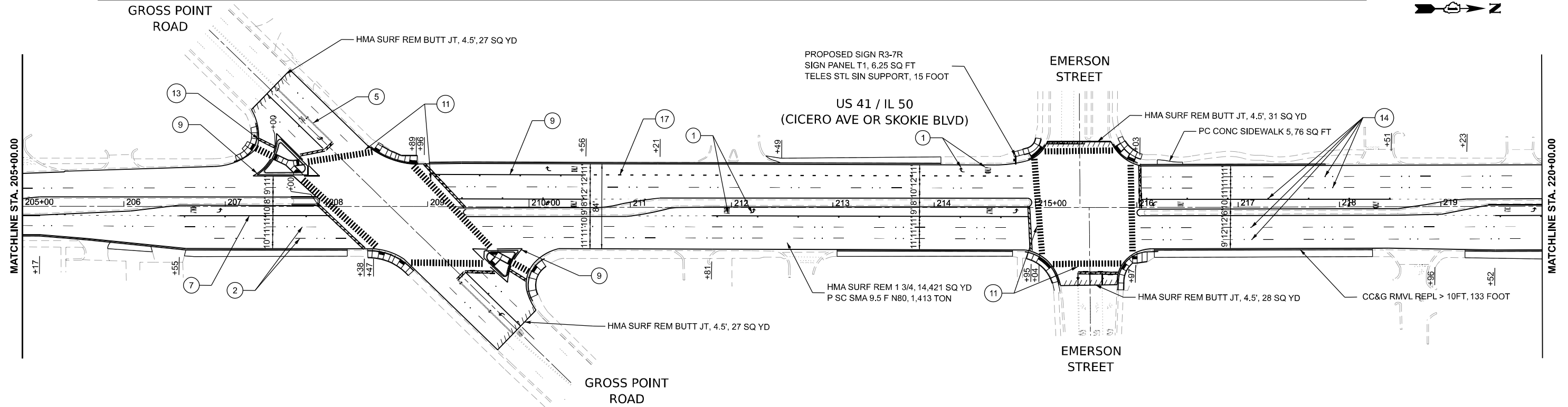
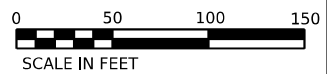


NOTES:

- 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.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-FLOW RESISTANT)" STANDARD DETAIL.
- 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.
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PAVEMENT MARKING LEGEND

- | | | | |
|--|--|--|---|
| ① THPL PVT MK LTR & SYM, 460 SQ FT | ⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 2,610 FOOT | ⑨ THPL PVT MK LINE 8 (WHITE), 410 FOOT | ⑬ THPL PVT MK LINE 24 (WHITE), 547 FOOT |
| ② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 1,784 FOOT | ⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT | ⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT | ⑭ RAISED REFL PVT MKR, 271 EACH |
| ③ THPL PVT MK LINE 4 (WHITE), 0 FOOT | ⑦ THPL PVT MK LINE 6 (WHITE), 1,469 FOOT | ⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 2,500 FOOT | ⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT |
| ④ THPL PVT MK LINE 4 (YELLOW), 3,256 FOOT | ⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 107 FOOT | ⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 50 FOOT | ⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT |
| | | | ⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 108 FOOT |



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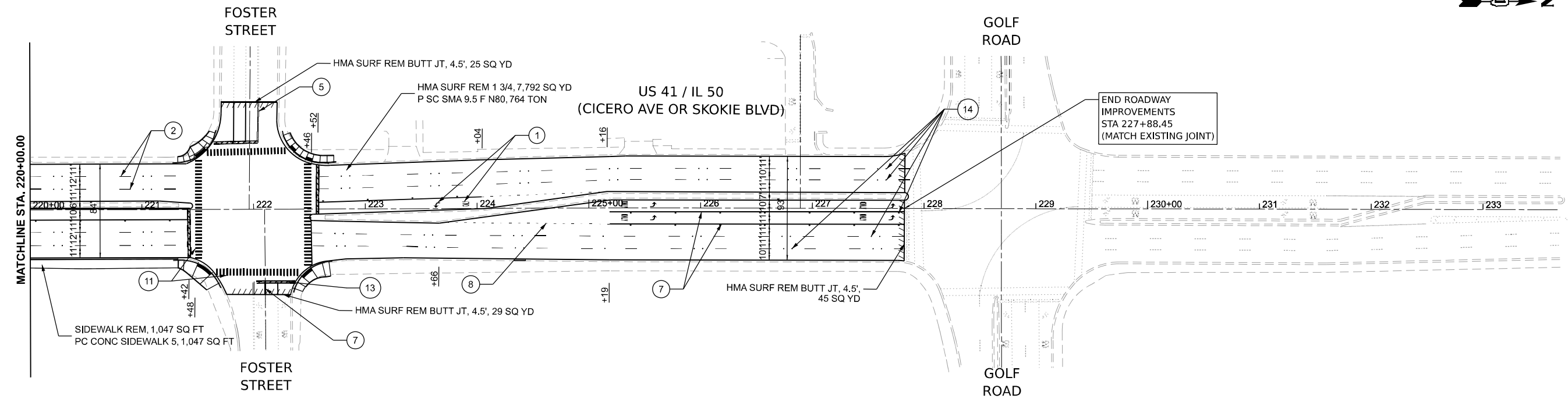
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	DATE - 03-18-2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

SCALE: 1"=50' SHEET 7 OF 8 SHEETS STA. 190+00.00 TO STA. 220+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	21
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND		
① THPL PVT MK LTR & SYM, 185 SQ FT	⑤ THPL PVT MK LINE 4 (DOUBLE YELLOW, 11" C-C), 94 FOOT	⑨ THPL PVT MK LINE 8 (WHITE), 0 FOOT
② PREF PL PM TD STD L4 (WHITE, 10' DASH 30' SKIP) USE WITH GROOVING RECESSED PAVEMENT MARKING 5", 672 FOOT	⑥ THPL PVT MK LINE 4 (YELLOW, SOLID @ 10' DASH 30' SKIP), 0 FOOT	⑩ THPL PVT MK LINE 12 (WHITE, 40' C-C DIAGONALS), 0 FOOT
③ THPL PVT MK LINE 4 (WHITE), 0 FOOT	⑦ THPL PVT MK LINE 6 (WHITE), 1,804 FOOT	⑪ THPL PVT MK LINE 12 (WHITE, 12", 2' C-C), 566 FOOT
④ THPL PVT MK LINE 4 (YELLOW), 1,436 FOOT	⑧ THPL PVT MK LINE 6 (WHITE, 2' DASH 6' SKIP), 129 FOOT	⑫ THPL PVT MK LINE 12 (YELLOW DIAGONALS, 45 DEG, 75' C-C), 0 FOOT
		⑬ THPL PVT MK LINE 24 (WHITE), 167 FOOT
		⑭ RAISED REFL PVT MKR, 89 EACH
		⑮ THPL PVT MK LINE 6 (WHITE, 45 DEG, 8' C-C), 0 FOOT
		⑯ THPL PVT MK LINE 12 (WHITE, 4' C-C), 0 FOOT
		⑰ THPL PVT MK LINE 8 (WHITE, 3' DASH 9' SKIP), 0 FOOT



NOTES:

- 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.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON ASPHALT, MODIFIED URETHANE ON CONCRETE.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 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.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 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.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.
- ALL DRAINAGE STRUCTURES WITHIN RESURFACING LIMITS THAT ARE NOT ADJUSTED OR RECONSTRUCTED WILL BE CLEANED AND PAID AS DRAINAGE STRUCTURES TO BE CLEANED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

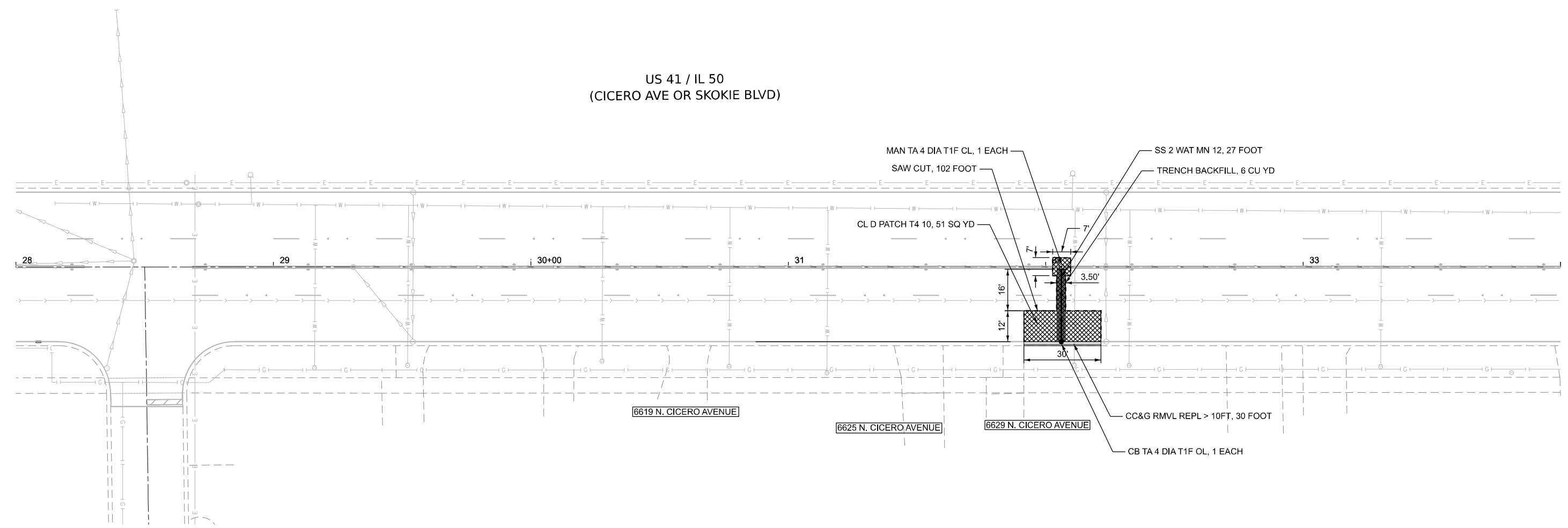
**ROADWAY AND PAVEMENT MARKING PLANS
US 41 / IL ROUTE 50 (DEVON AVE. TO GOLF RD.)**

SCALE: 1"=50' SHEET 8 OF 8 SHEETS STA. 220+00.00 TO STA. 235+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	22
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



US 41 / IL 50
(CICERO AVE OR SKOKIE BLVD)



ALBION AVENUE

NOTES:

1. THE CONTRACTOR SHALL REPAIR ANYTHING DAMAGED NOT SHOWN AS TO BE REMOVED ON THE PLANS.
2. THE CONTRACTOR SHALL NOT OBSTRUCT EXISTING DRIVEWAYS AND SHALL COORDINATE WITH PROPERTY OWNERS ADJACENT OF THE PROPOSED LOCATION OF IMPROVEMENTS.
3. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES WHEN CONSIDERED NECESSARY BY THE ENGINEER BY METHODS APPROVED BY THE ENGINEER AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT THE SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY BUT THE COST SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.

MAINTENANCE OF TRAFFIC NOTES:

1. STAGE 1 : USE IDOT HIGHWAY STANDARD 701611-01
2. STAGE 2 : SEE SHEET NO. 8 FOR STAGE 2 CONFIGURATION



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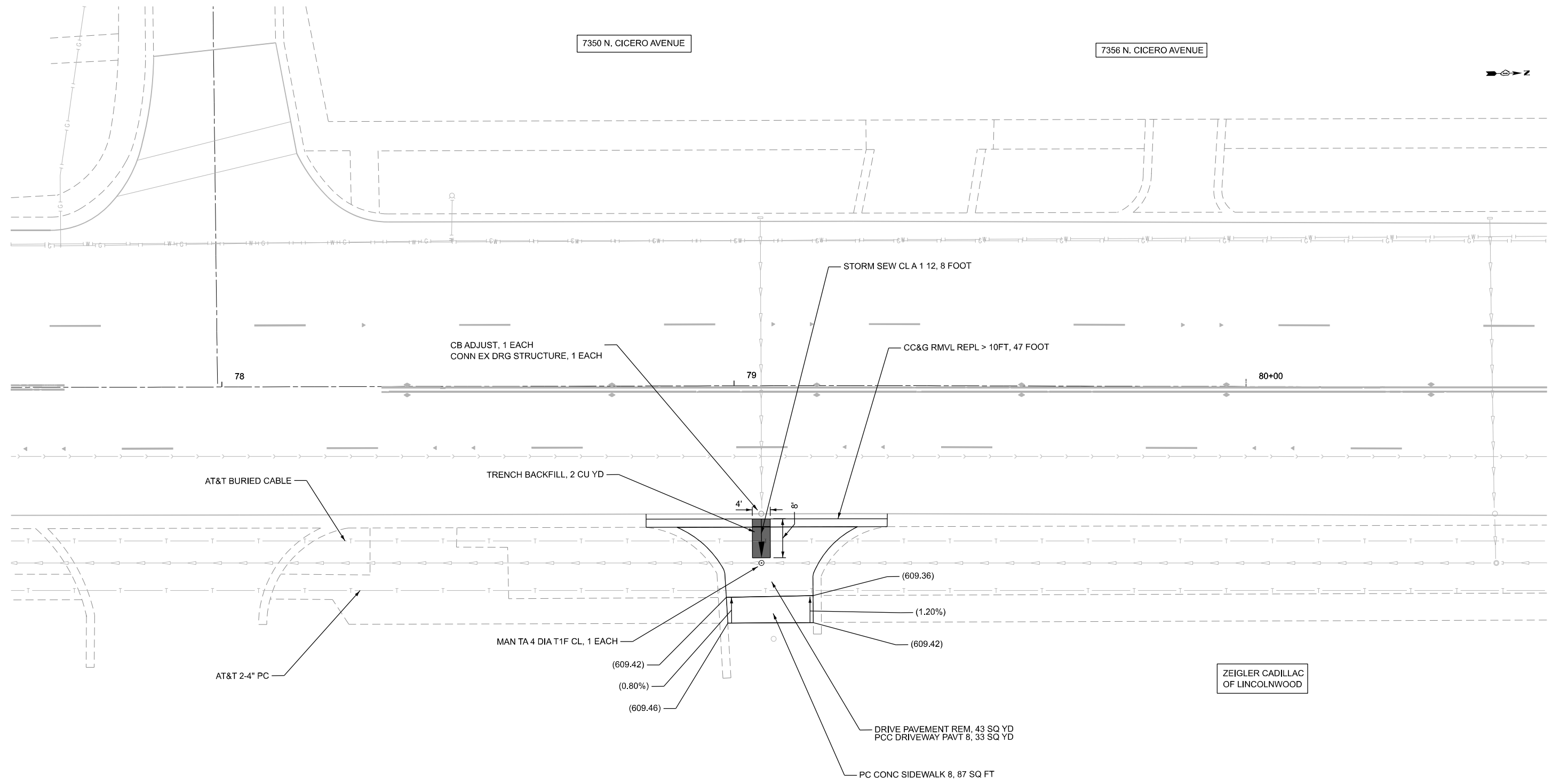
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE IMPROVEMENT PLANS
6629 N. CICERO AVENUE

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 28+00 TO STA. 34+00

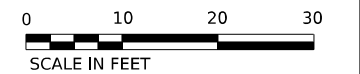
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B22	



NOTES:

- 1. THE CONTRACTOR SHALL REPAIR ANYTHING DAMAGED NOT SHOWN AS TO BE REMOVED ON THE PLANS.
- 2. THE CONTRACTOR SHALL NOT OBSTRUCT EXISTING DRIVEWAYS AND SHALL COORDINATE WITH PROPERTY OWNERS ADJACENT OF THE PROPOSED LOCATION OF IMPROVEMENTS.
- 3. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES WHEN CONSIDERED NECESSARY BY THE ENGINEER BY METHODS APPROVED BY THE ENGINEER AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT THE SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY BUT THE COST SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
- 4. ELEVATIONS AND SLOPES IN PARENTHESES ARE EXISTING.

ZEIGLER CADILLAC
OF LINCOLNWOOD



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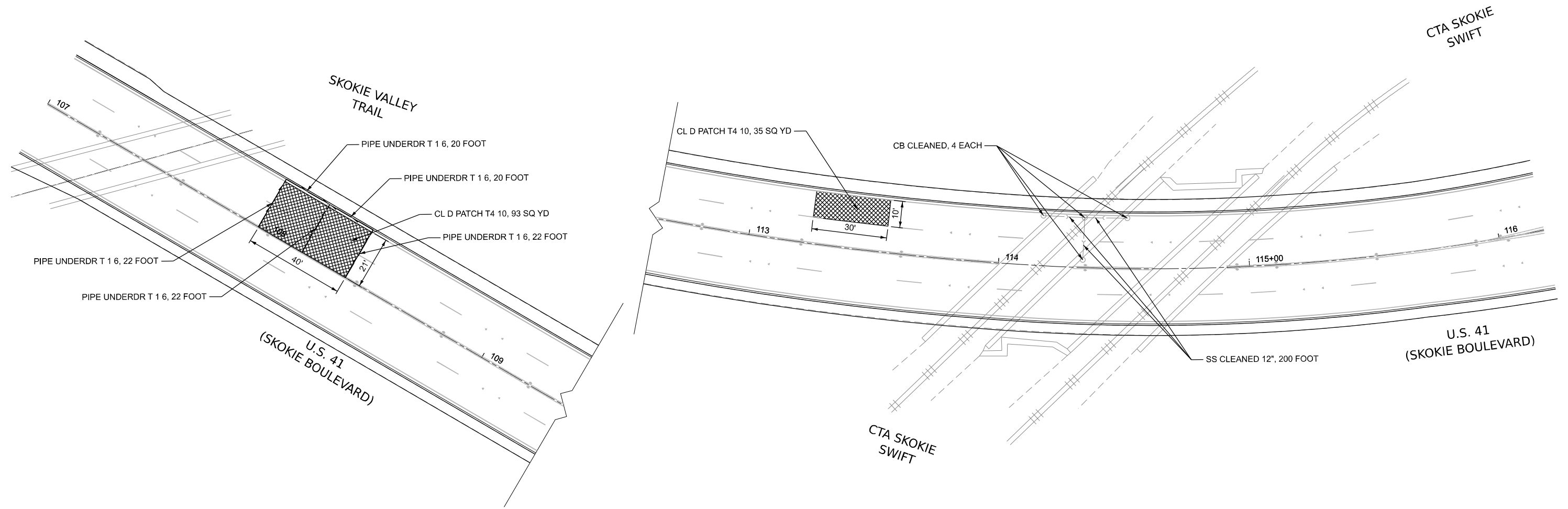
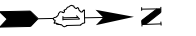
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE IMPROVEMENT PLANS
7365 N. CICERO AVENUE**

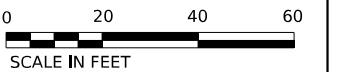
SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. 76+00 TO STA. 82+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	24
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1. NOMINAL STORM SEWER CLEANING QUANTITIES ADDED FOR ADJACENT STORM SEWERS NOT SHOWN IN THE PLANS :
 SS CLEANED 18" - 200 FOOT
 SS CLEANED 24" - 200 FOOT



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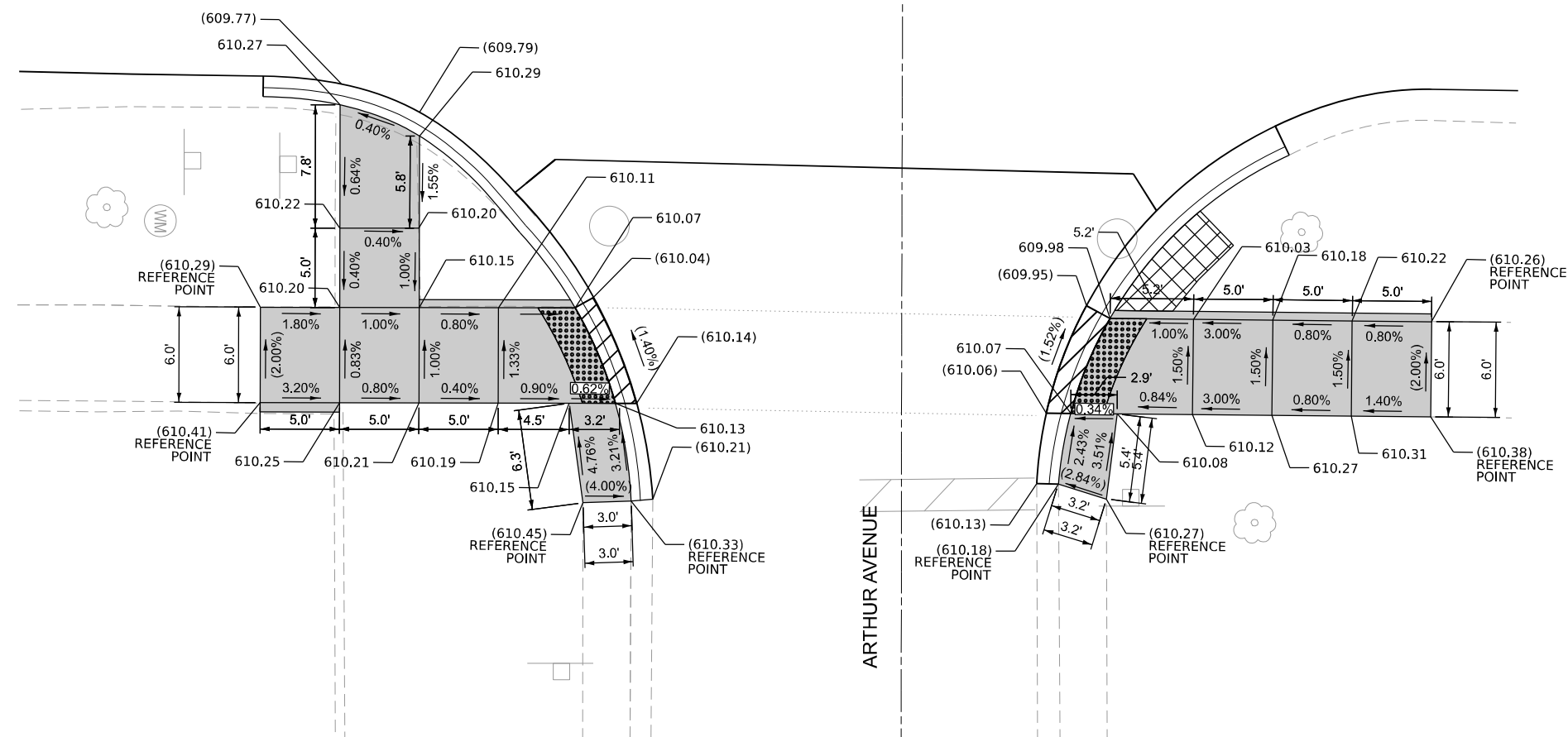
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE IMPROVEMENT PLANS
UNION PACIFIC OVERPASS**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 112+00 TO STA. 118+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B22	

IL 50 / US 41 (SKOKIE BOULEVARD)



LEGEND

- PC CONC SIDEWALK 5, 302 SQ FT
- TOPSOIL F & P 4 & SODDING, 15 SQ YD
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 47 FOOT
- DETECTABLE WARNINGS, 27 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

REFERENCE BENCHMARK ELEV : 613.20
 BENCHMARK : ARROW ON FLANGE OF HYDRANT
 LOCATION : WESTERLY SIDE OF CICERO AVENUE. APPROXIMATELY NORTH ROW LINE OF ARTHUR AVENUE.

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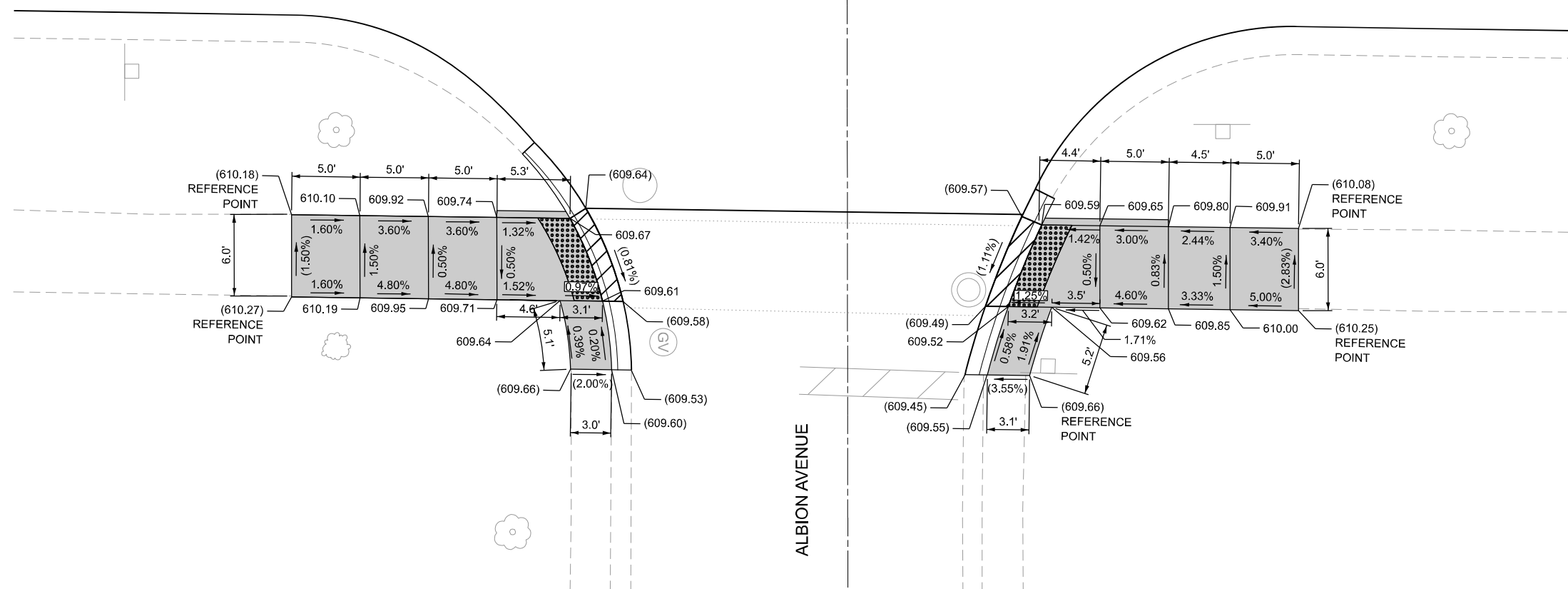
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT ARTHUR AVENUE

SCALE: 1" = 5'
 SHEET 1 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	26
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

IL 50 / US 41 (SKOKIE BOULEVARD)



ALBION AVENUE

LEGEND

- PC CONC SIDEWALK 5, 282 SQ FT
SIDEWALK REM, 282 SQ FT
- TOPSOIL F & P 4 & SODDING, 19 SQ YD
SIDEWALK REM, 282 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 45 FOOT
- DETECTABLE WARNINGS, 26 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

REFERENCE BENCHMARK ELEV : 612.48
 BENCHMARK : ARROW ON FLANGE OF HYDRANT
 LOCATION : WESTERLY SIDE OF CICERO AVENUE. APPROXIMATELY NORTH ROW LINE OF ALBION AVENUE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

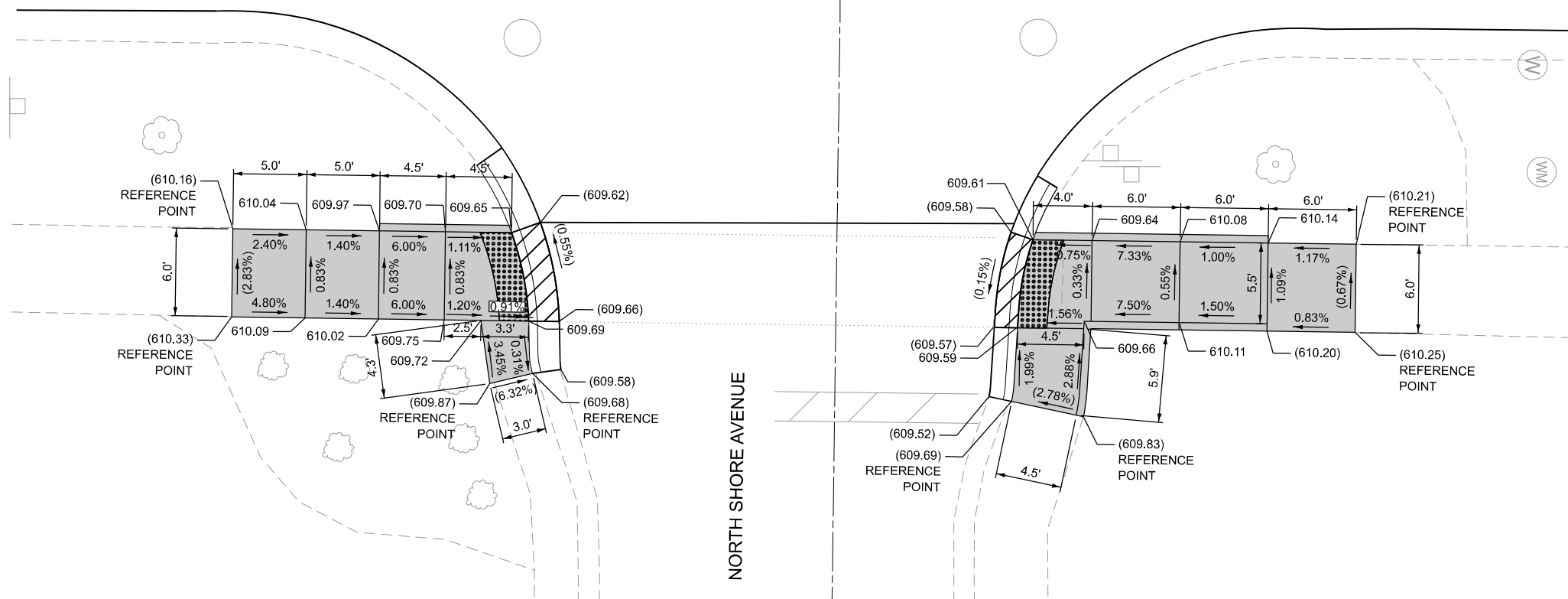
ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT ALBION AVENUE

SCALE: 1" = 5' SHEET 2 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	27
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		

35+00

IL 50 / US 41 (SKOKIE BOULEVARD)



NORTH SHORE AVENUE

LEGEND

- PC CONC SIDEWALK 5, 303 SQ FT
SIDEWALK REM, 303 SQ FT
- TOPSOIL F & P 4 &
SODDING, 13 SQ YD
SIDEWALK REM, 303 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 32 FOOT
- DETECTABLE WARNINGS, 25 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

REFERENCE BENCHMARK ELEV : 612.17
 BENCHMARK : ARROW ON FLANGE OF HYDRANT
 LOCATION : WESTERLY SIDE OF CICERO AVENUE. APPROXIMATELY NORTH ROW LINE OF NORTH SHORE AVENUE.

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT NORTH SHORE AVENUE

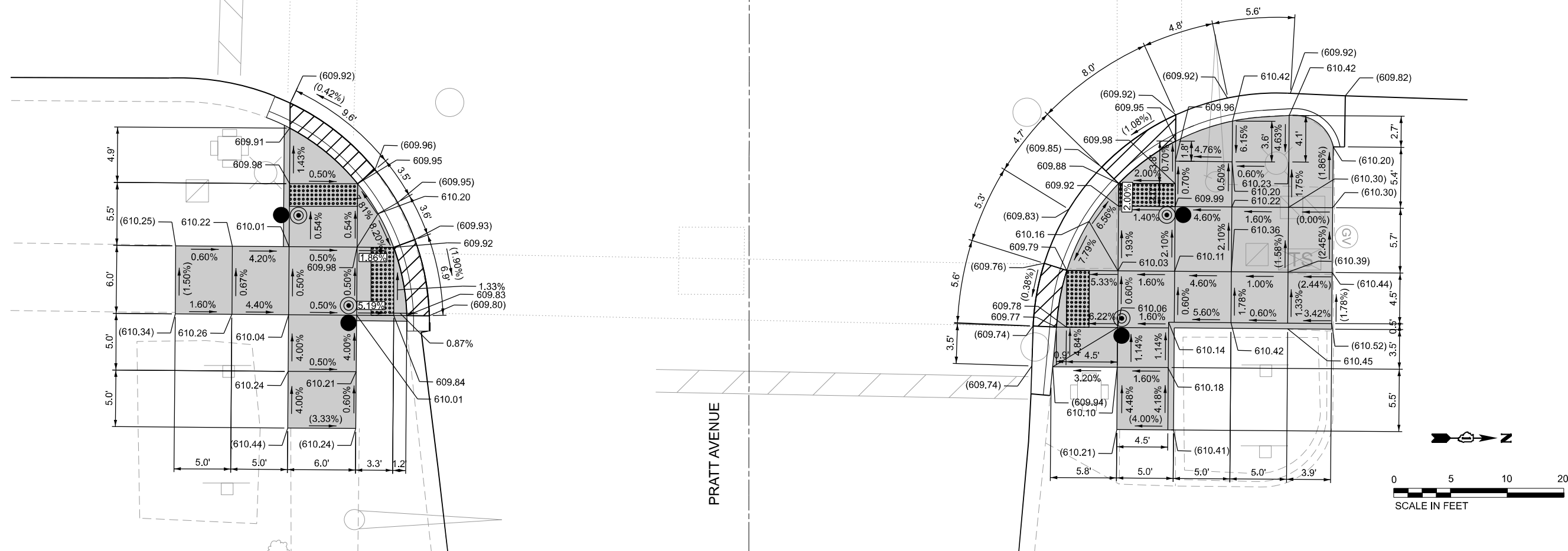
SCALE: 1" = 5' SHEET 3 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	28
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	










41

42

IL 50 / US 41 (SKOKIE BOULEVARD)



LEGEND

-  PC CONC SIDEWALK 5, 684 SQ FT
SIDEWALK REM, 684 SQ FT
-  TOPSOIL F & P 4 &
SODDING, 5 SQ YD
SIDEWALK REM, 684 SQ FT
-  PROPOSED SIDE CURB
-  CC&G RMVL REPL > 10FT, 30 FOOT
-  DETECTABLE WARNINGS, 44 SQ FT
-  DEPRESSED CURB & GUTTER
-  () EXISTING ELEVATION/SLOPE
-  ● TRAFFIC SIGNAL FOUNDATION
-  ⊙ APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 610.29

BENCHMARK : CROSS SET ON TOP CURB

LOCATION : NORTH OF NORTHEAST CORNER OF CICERO AVENUE AND PRATT AVENUE

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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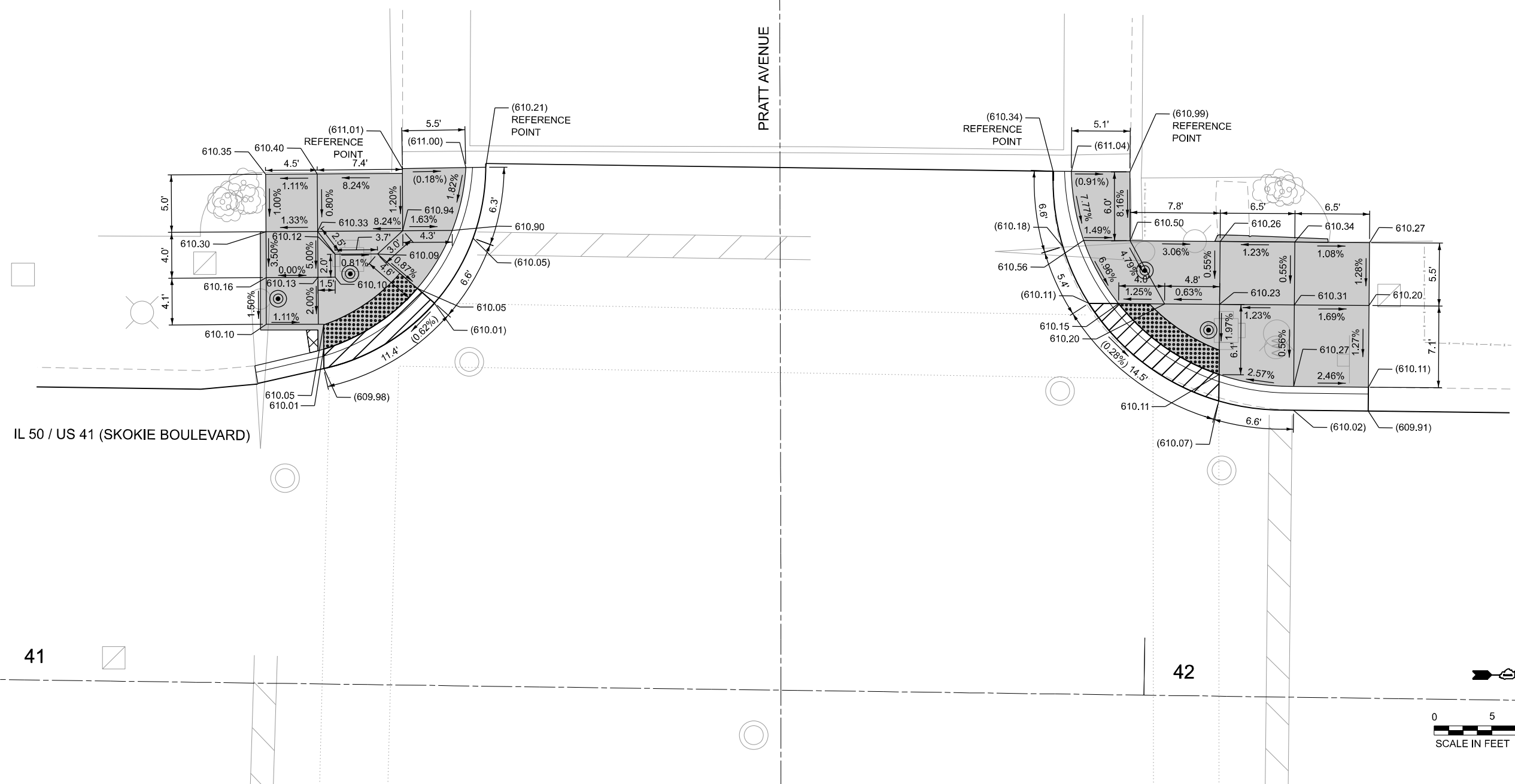
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT PRATT AVENUE**

SCALE: 1" = 5' SHEET 4 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	29
CONTRACT NO. 80B22				

ILLINOIS FED. AID PROJECT



LEGEND

- PC CONC SIDEWALK 5, 491 SQ FT
SIDEWALK REM, 491 SQ FT
- TOPSOIL F & P 4 & SODDING, 12 SQ YD
SIDEWALK REM, 497 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 15 FOOT
- DETECTABLE WARNINGS, 35 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 610.74

BENCHMARK : CROSS SET ON THE SOUTH SIDE OF CONCRETE BASE FOR TRAFFIC SIGNAL MAST ARM

LOCATION : NORTHWEST CORNER OF CICERO AVENUE AND PRATT AVENUE

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

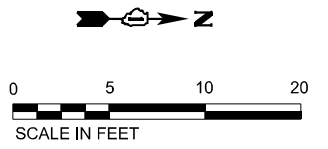
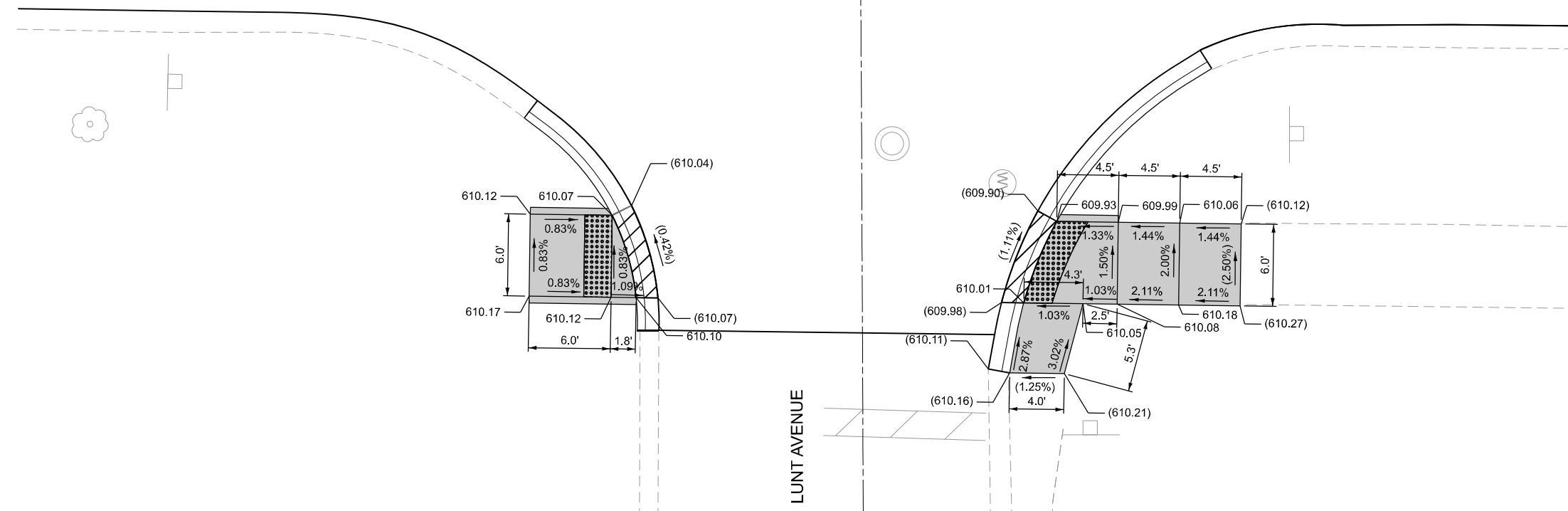
**ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT PRATT AVENUE**

SCALE: 1" = 5' SHEET 5 OF 46 SHEETS STA. TO STA.










F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	30
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	

55+00

IL 50 / US 41 (SKOKIE BOULEVARD)



LEGEND

-  PC CONC SIDEWALK 5, 154 SQ FT
SIDEWALK REM, 154 SQ FT
-  TOPSOIL F & P 4 & SODDING, 12 SQ YD
SIDEWALK REM, 154 SQ FT
-  PROPOSED SIDE CURB
-  CC&G RMVL REPL > 10FT, 0 FOOT
-  DETECTABLE WARNINGS, 24 SQ FT
-  DEPRESSED CURB & GUTTER
-  () EXISTING ELEVATION/SLOPE
-  ● TRAFFIC SIGNAL FOUNDATION
-  ⊙ APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 611.98

BENCHMARK : ARROW ON FLANGE OF FIRE HYDRANT

LOCATION : WEST SIDE OF CICERO AVENUE, FIRST FIRE HYDRANT NOTH OF THE CENTERLINE OF LUNT AVENUE

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT LUNT AVENUE**

SCALE: 1" = 5' SHEET 6 OF 46 SHEETS STA. TO STA.

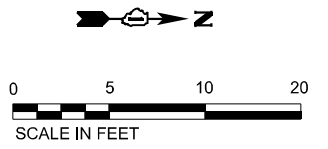
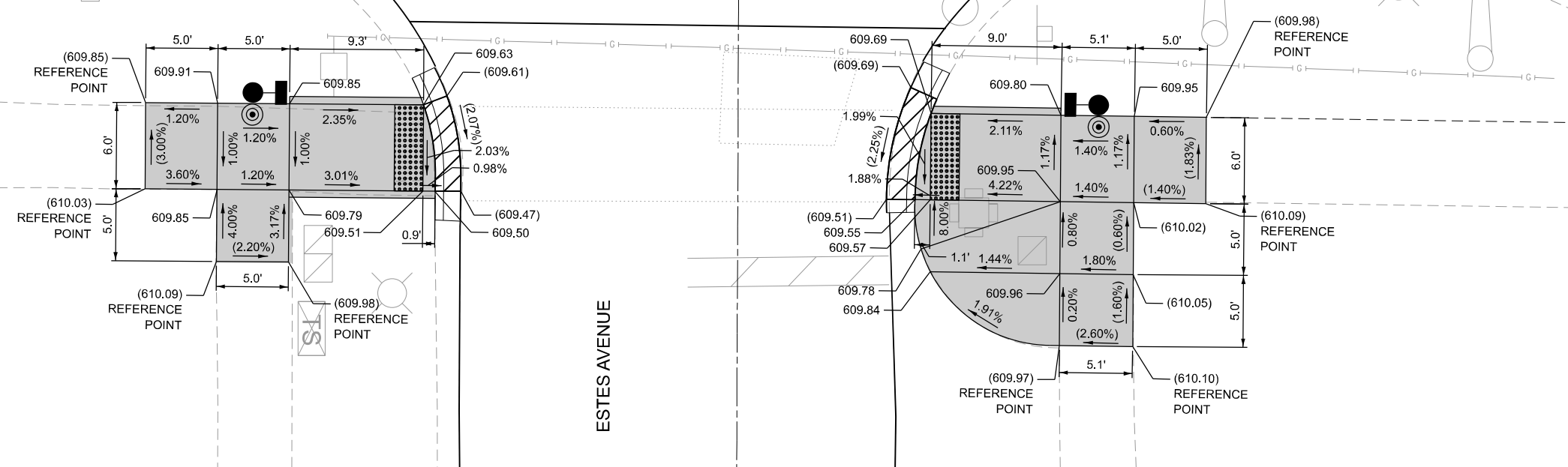
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350	2025-2001-RS	COOK	141	31
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	

61

62

IL 50 / US 41 (SKOKIE BOULEVARD)

ESTES AVENUE



LEGEND

- PC CONC SIDEWALK 5, 411 SQ FT
SIDEWALK REM, 411 SQ FT
- TOPSOIL F & P 4 & SODDING, 13 SQ YD
SIDEWALK REM, 411 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 24 FOOT
- DETECTABLE WARNINGS, 26 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

REFERENCE BENCHMARK ELEV : 610.43

BENCHMARK : SQUARE SET ON THE SOUTHWEST CORNER OF THE CONCRETE BASE FOR A TRAFFIC SIGNAL CONTROL CABINET

LOCATION : SOUTHEAST CORNER OF CICERO AVENUE AND ESTES AVENUE

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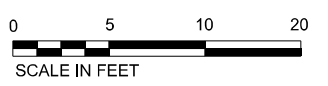
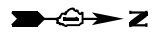
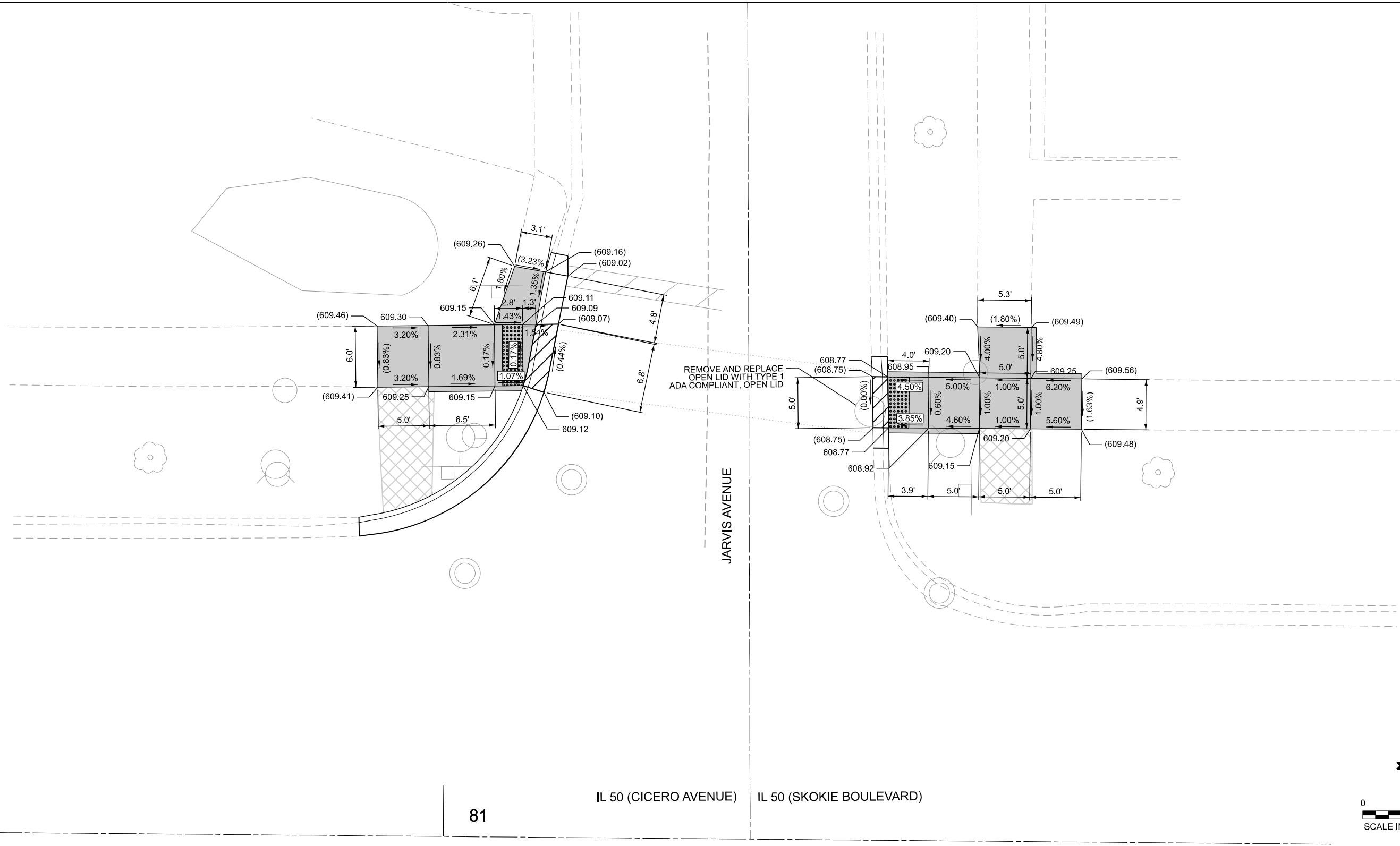
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT ESTES AVENUE

SCALE: 1" = 5'
SHEET 7 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	32
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 230 SQ FT
SIDEWALK REM, 346 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 346 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 45 SQ FT
- DETECTABLE WARNINGS, 27 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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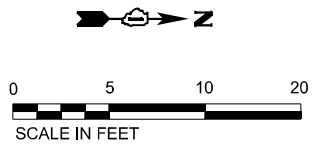
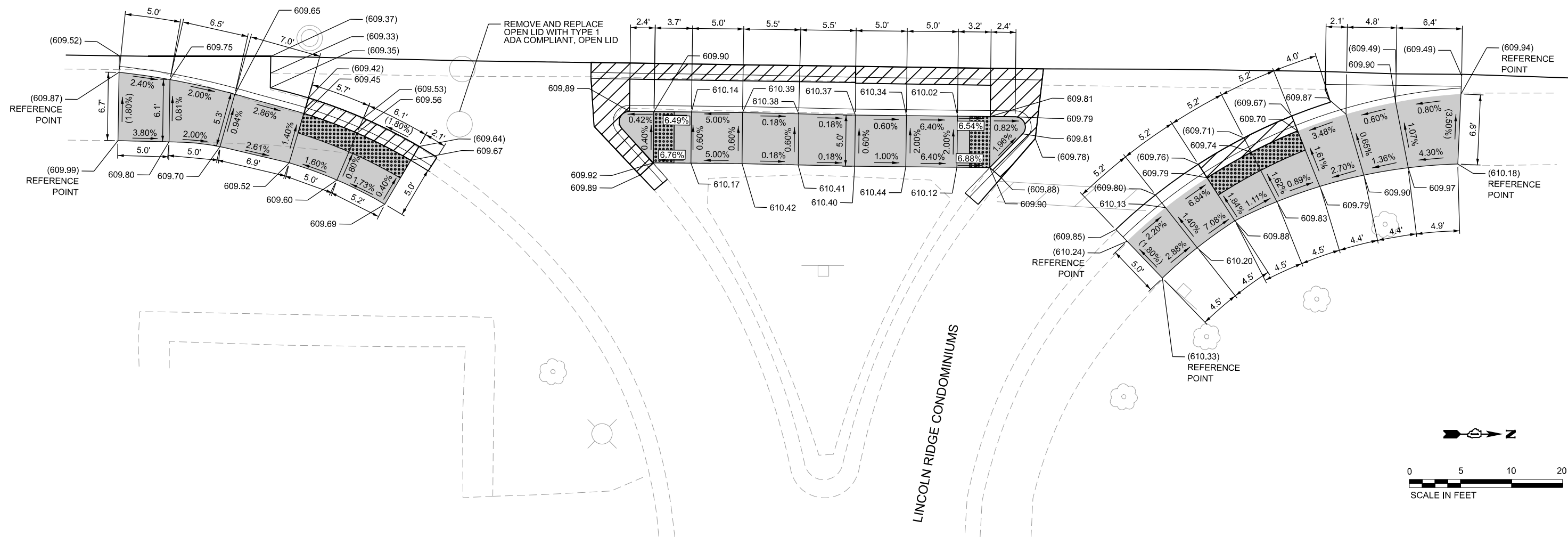
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (CICERO AVENUE) AT JARVIS AVENUE**

SCALE: 1" = 5' SHEET 8 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	33
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

IL 50 (SKOKIE BOULEVARD)



LEGEND

- PC CONC SIDEWALK 5, 481 SQ FT
- TOPSOIL F & P 4 & SODDING, 13 SQ YD
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 53 FOOT
- DETECTABLE WARNINGS, 30 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 610.34

BENCHMARK : CROSS SET ON THE EAST SIDE OF CONCRETE BASE FOR AN ALUMINUM LIGHT POLE

LOCATION : NORTHWEST CORNER OF CICERO AVENUE AND FARGO AVENUE

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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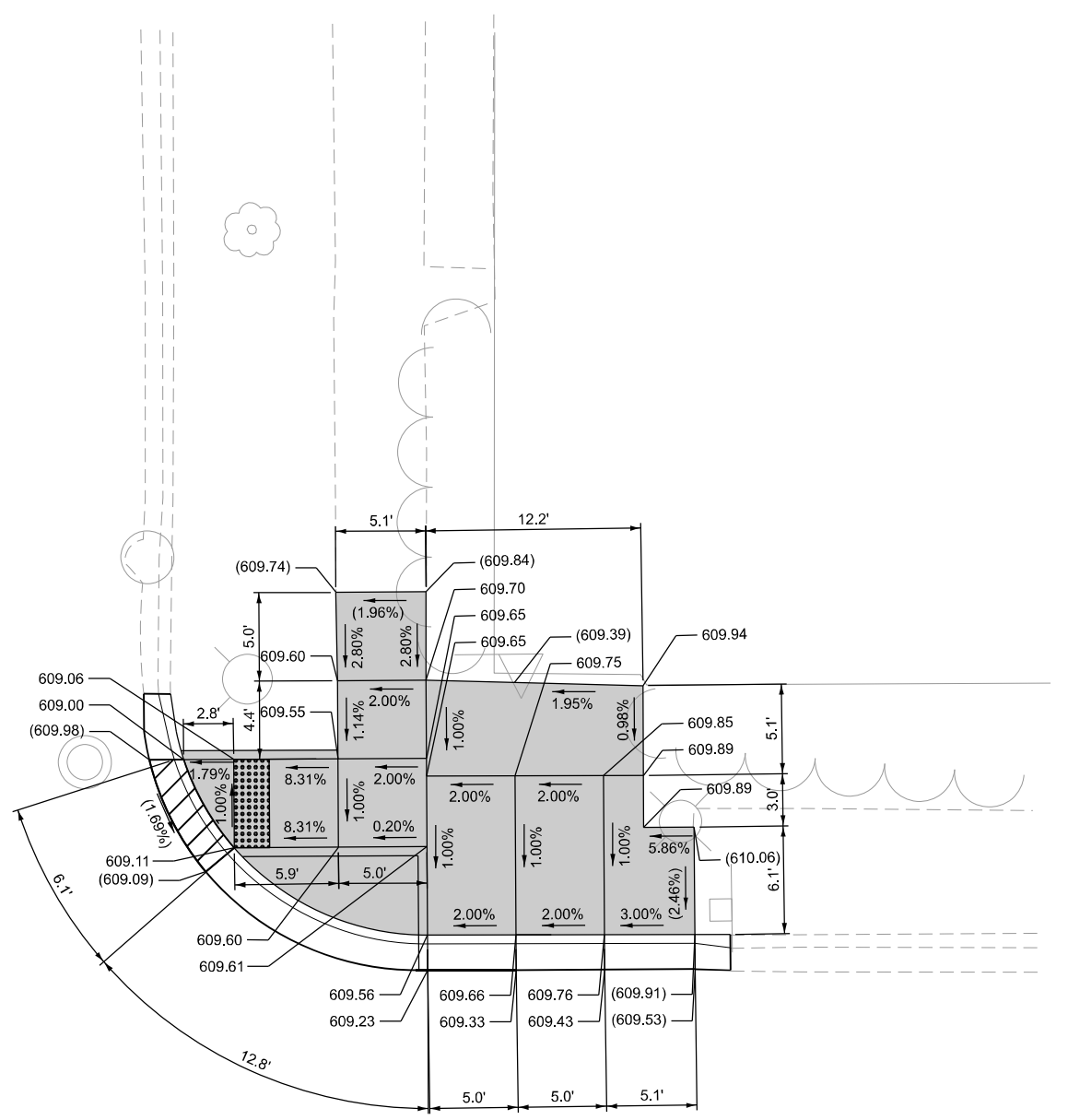
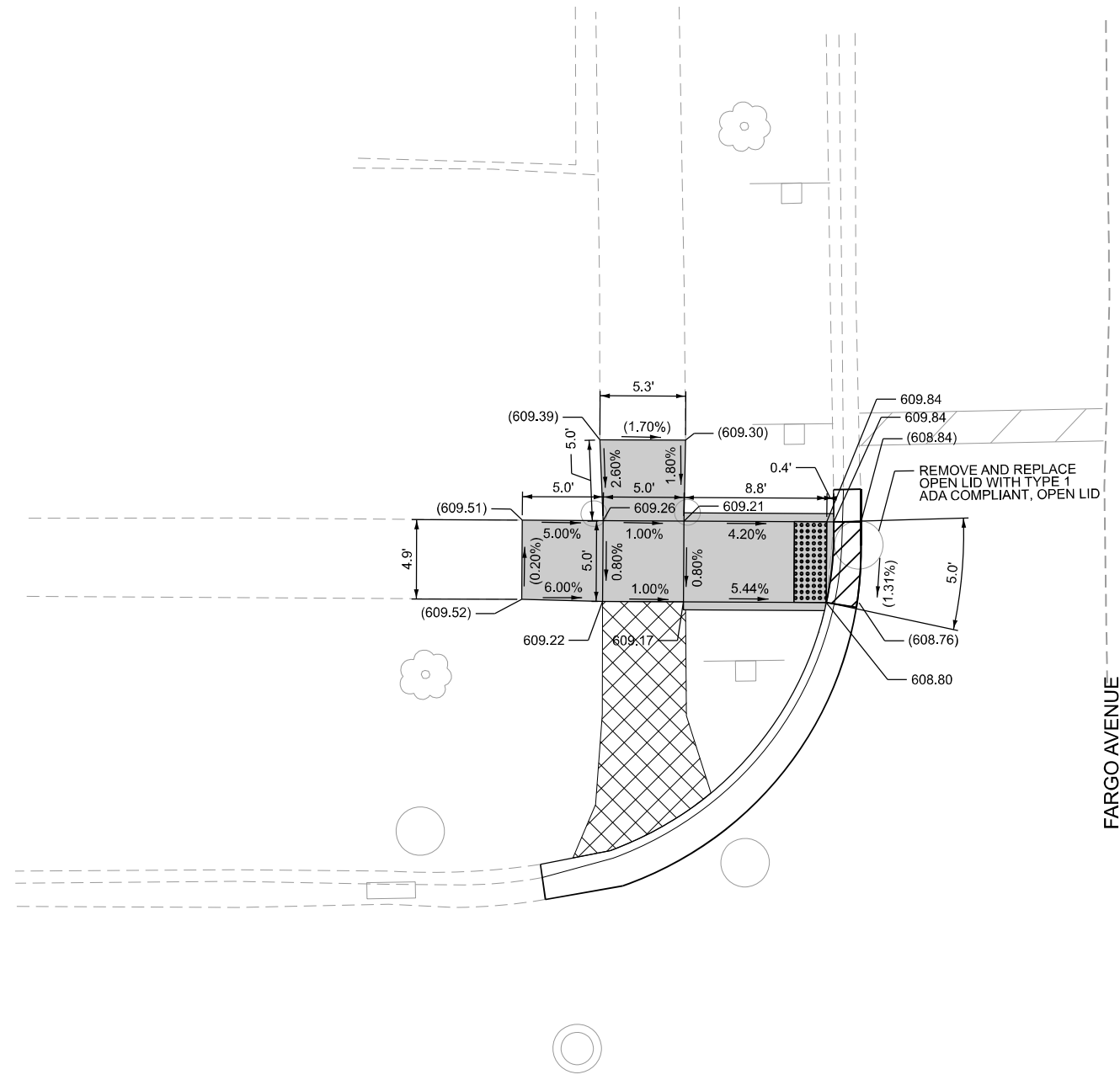
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT LINCOLN RIDGE CONDOMINIUMS**

SCALE: 1" = 5' SHEET 9 OF 46 SHEETS STA. TO STA.

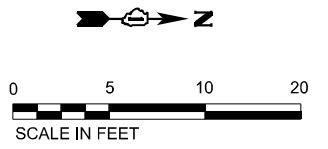
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350	2025-2001-RS	COOK	141	34
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



84

IL 50 (SKOKIE BOULEVARD)

85+00



LEGEND

- PC CONC SIDEWALK 5, 343 SQ FT
SIDEWALK REM, 559 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 559 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 45 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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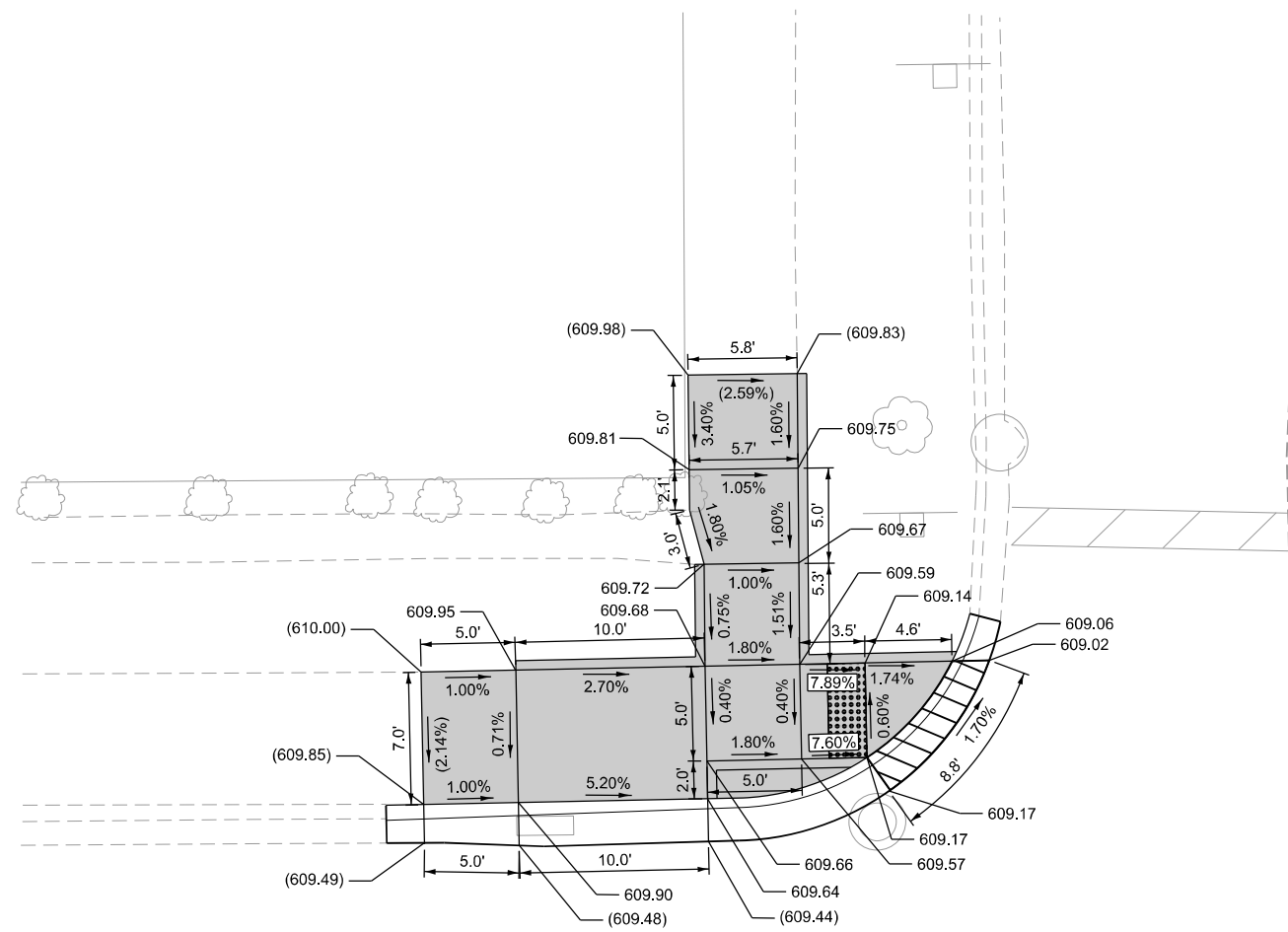
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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

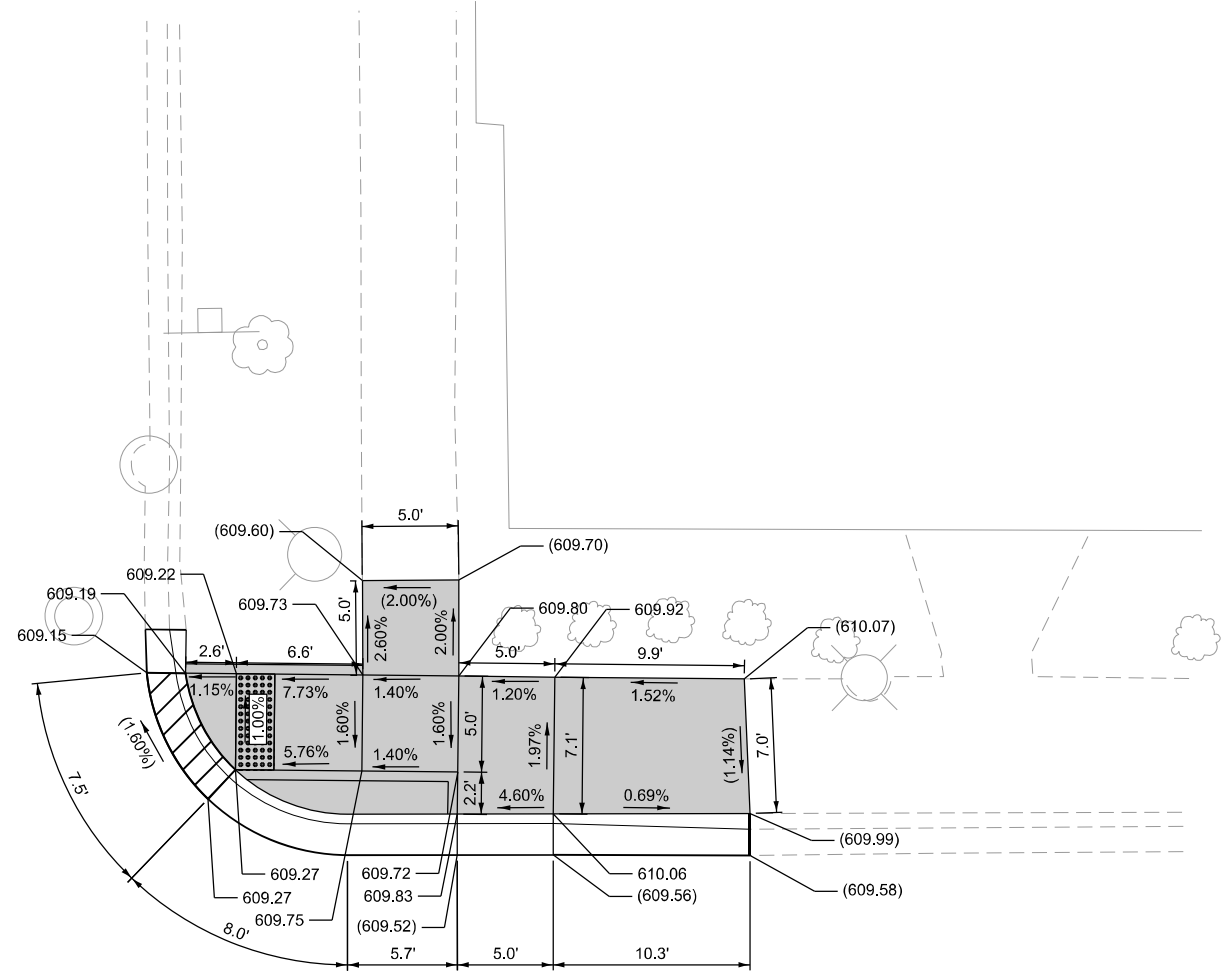
**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT FARGO AVENUE**

SCALE: 1" = 5' SHEET 10 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	35
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

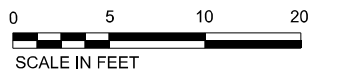
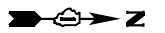


BIRCHWOOD AVENUE



IL 50 (SKOKIE BOULEVARD)

88



LEGEND

- PC CONC SIDEWALK 5, 424 SQ FT
SIDEWALK REM, 500 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 500 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 74 SQ FT
- DETECTABLE WARNINGS, 29 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED



USER NAME = (USERNAME)	DESIGNED - NJL/AG/LDV	REVISED -
	DRAWN - NJL/AG	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

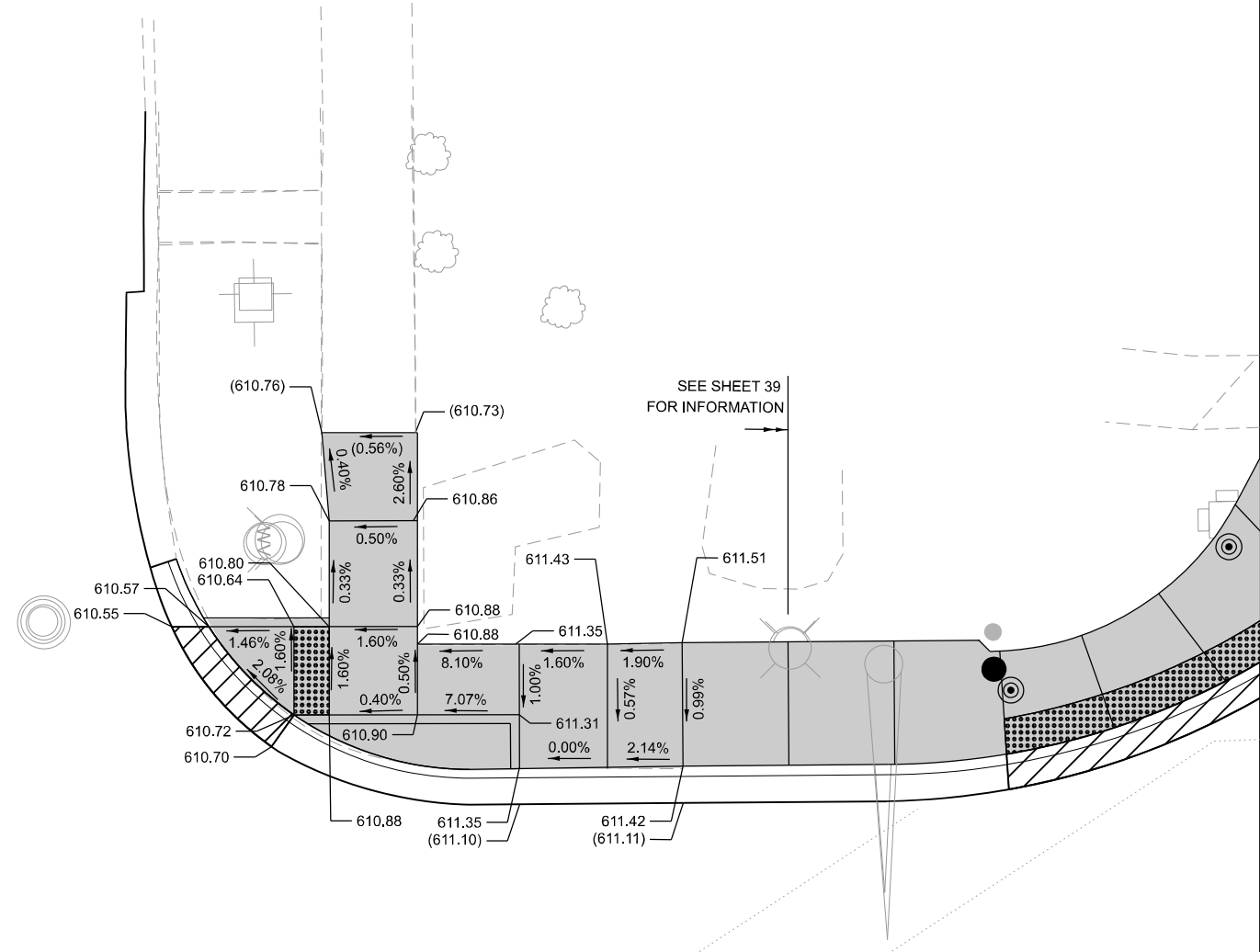
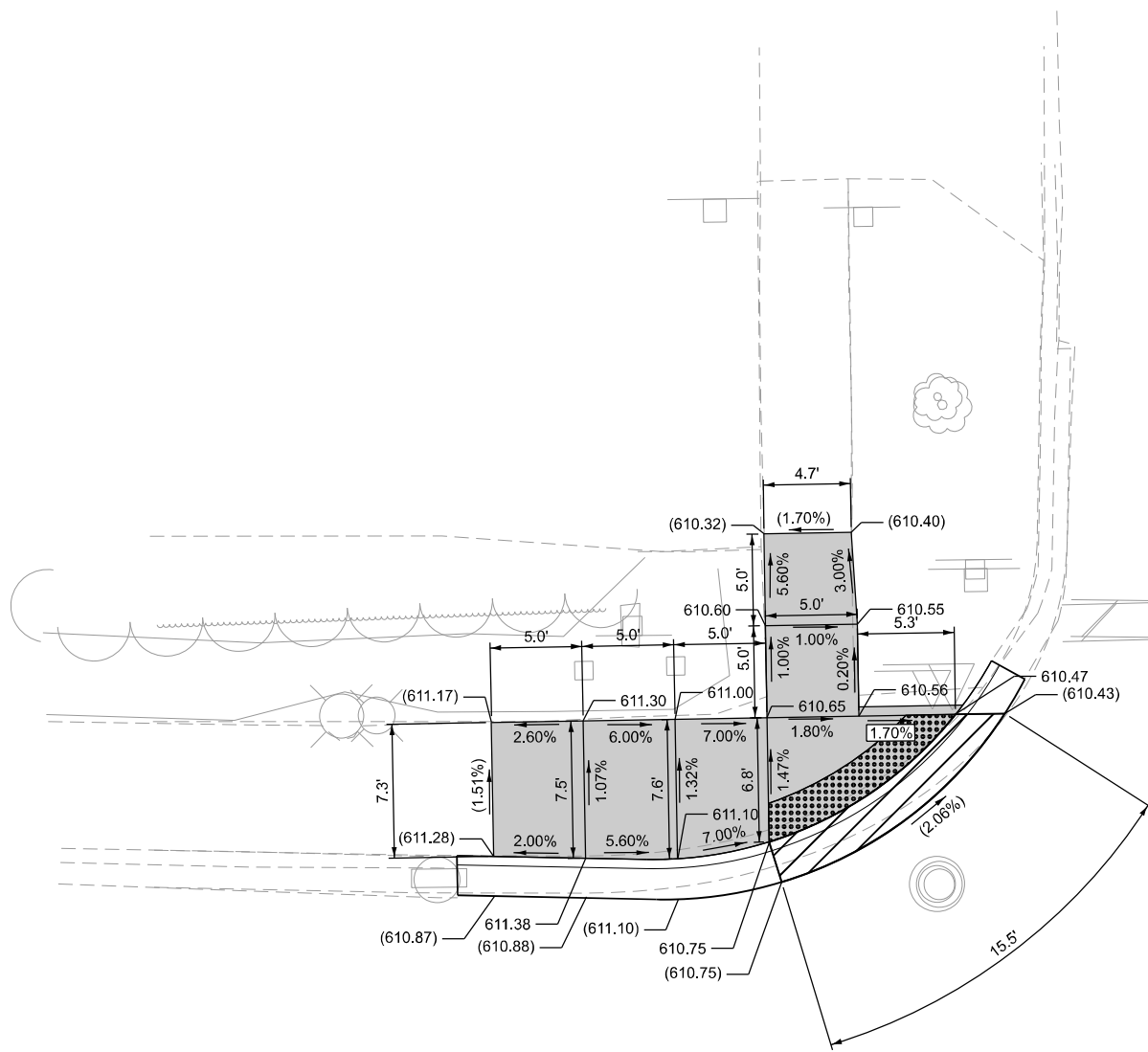
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT BIRCHWOOD AVENUE**

SCALE: 1" = 5' SHEET 11 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	36
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

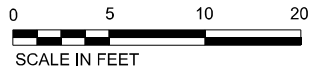
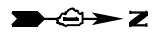
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JEROME STREET

IL 50 (SKOKIE BOULEVARD)

91



LEGEND

- PC CONC SIDEWALK 5, 403 SQ FT
SIDEWALK REM, 431 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 431 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 73 SQ FT
- DETECTABLE WARNINGS, 39 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT JEROME STREET**

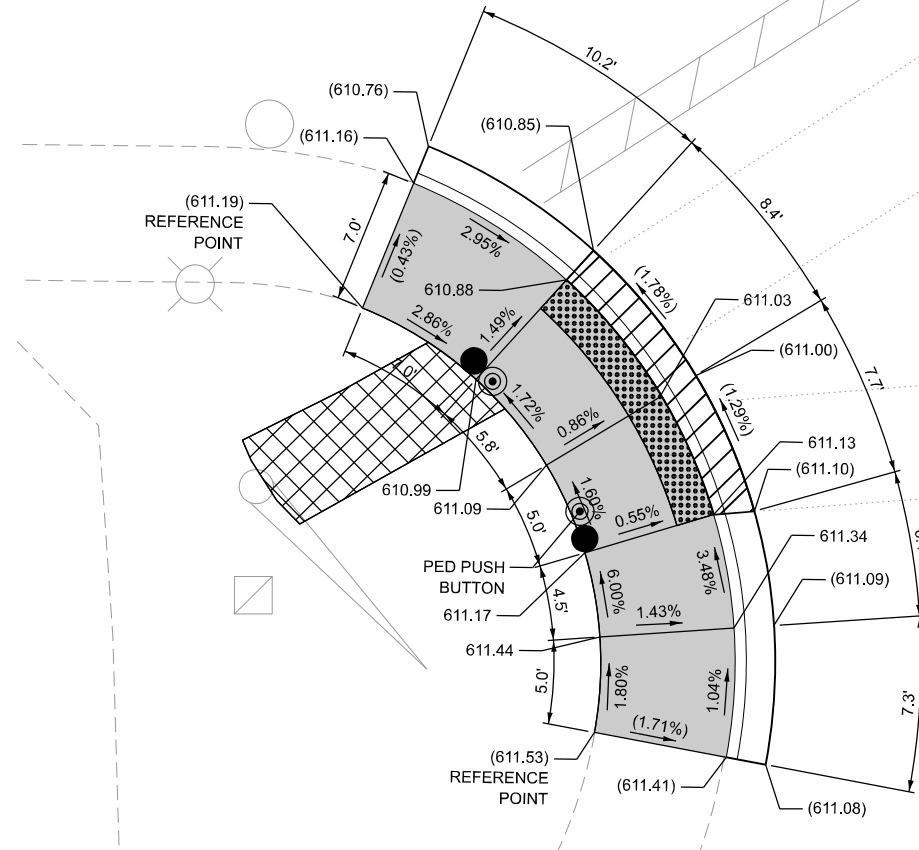
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	37
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

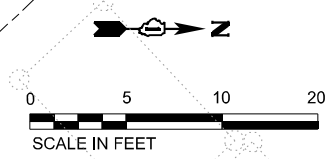
90+00

91

IL 50 (SKOKIE BOULEVARD)



US 41 (LINCOLN AVENUE)



LEGEND

- PC CONC SIDEWALK 5, 225 SQ FT
SIDEWALK REM, 225 SQ FT
- TOPSOIL F & P 4 & SODDING, 11 SQ YD
SIDEWALK REM, 286 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 58 FOOT
- DETECTABLE WARNINGS, 29 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 611.63

BENCHMARK : SQUARE FOUND ON THE EAST SIDE OF A CONCRETE BASE FOR ALUMINUM LIGHT POLE

LOCATION : SOUTHWEST CORNER OF CICERO AVENUE AND JEROME STREET

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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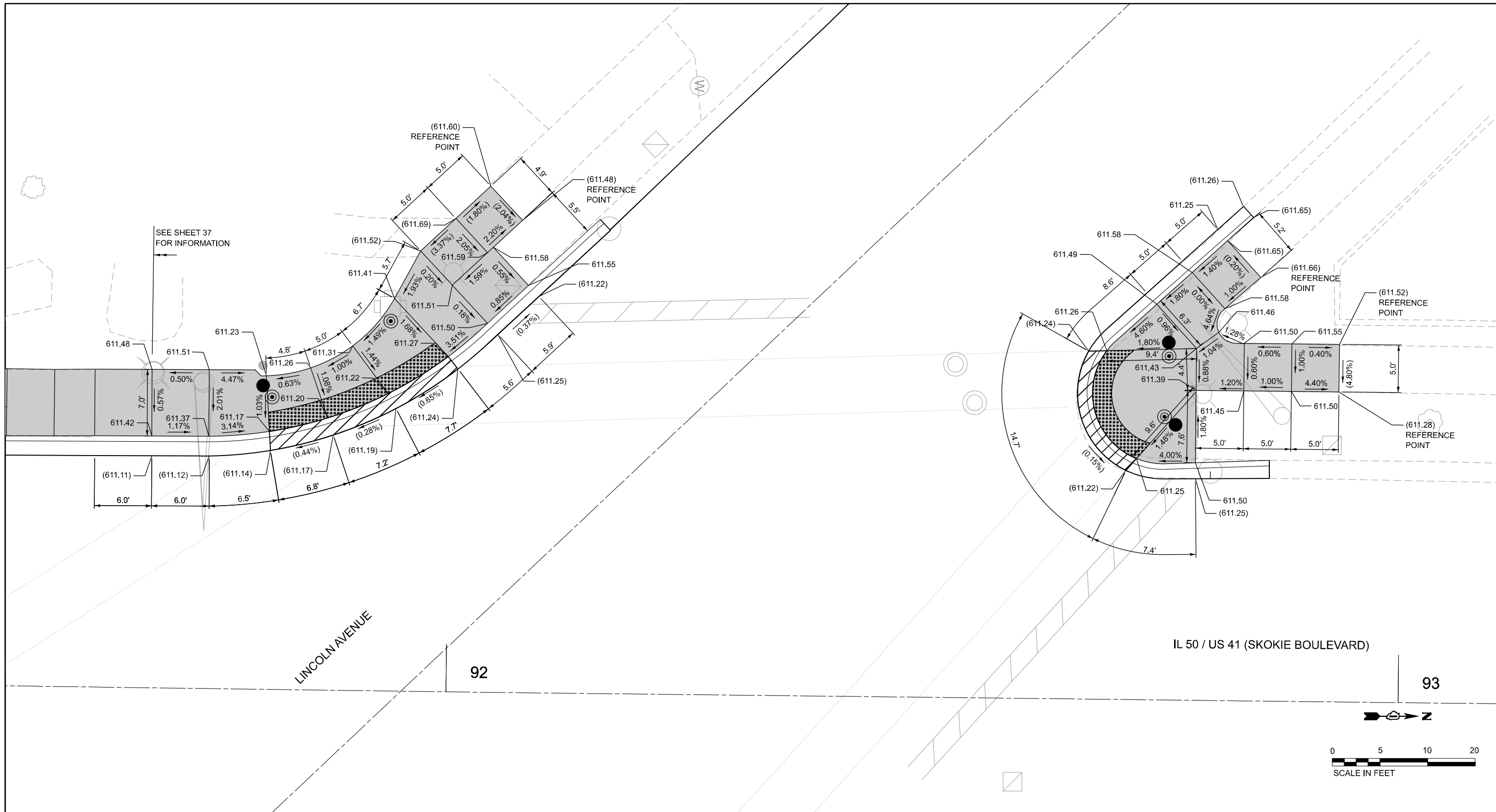
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT US 41 (LINCOLN AVENUE)**

SCALE: 1" = 5' SHEET 13 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	38
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 644 SQ FT
SIDEWALK REM, 644 SQ FT
- TOPSOIL F & P 4 &
SODDING, 22 SQ YD
SIDEWALK REM, 644 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 67 FOOT
- DETECTABLE WARNINGS, 66 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 611.63

BENCHMARK : SQUARE FOUND ON THE EAST SIDE OF A CONCRETE BASE FOR ALUMINUM LIGHT POLE

LOCATION : SOUTHWEST CORNER OF CICERO AVENUE AND JEROME STREET

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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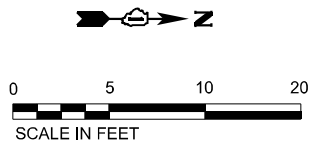
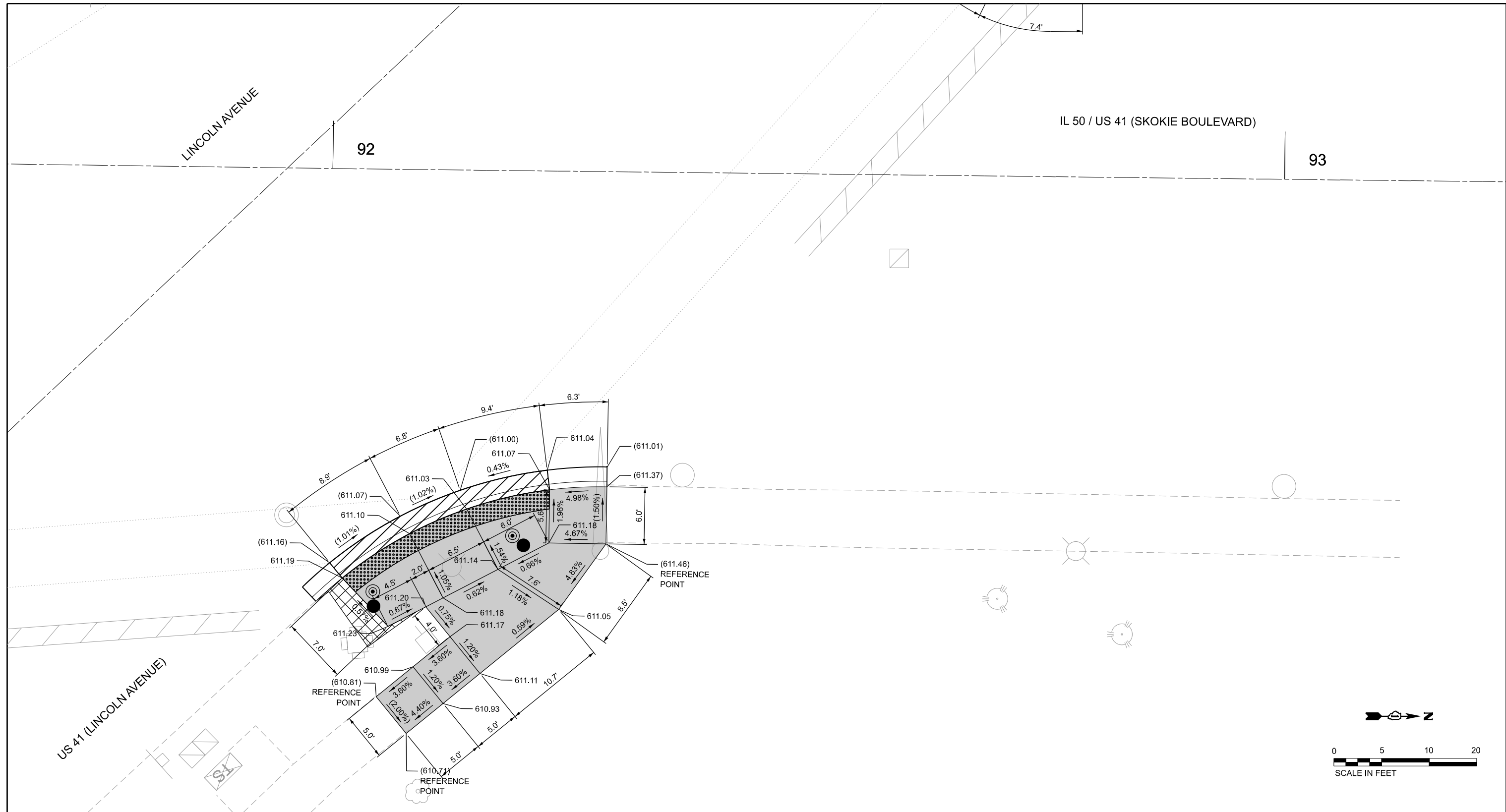
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT US 41 (LINCOLN AVENUE)**

SCALE: 1" = 5' SHEET 14 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	39
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 354 SQ FT
SIDEWALK REM, 354 SQ FT
- TOPSOIL F & P 4 &
SODDING, 11 SQ YD
SIDEWALK REM, 374 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 56 FOOT
- DETECTABLE WARNINGS, 47 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

REFERENCE BENCHMARK ELEV : 611.63

BENCHMARK : SQUARE FOUND ON THE EAST SIDE OF A CONCRETE BASE FOR ALUMINUM LIGHT POLE

LOCATION : SOUTHWEST CORNER OF CICERO AVENUE AND JEROME STREET

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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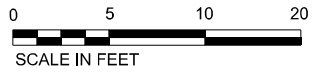
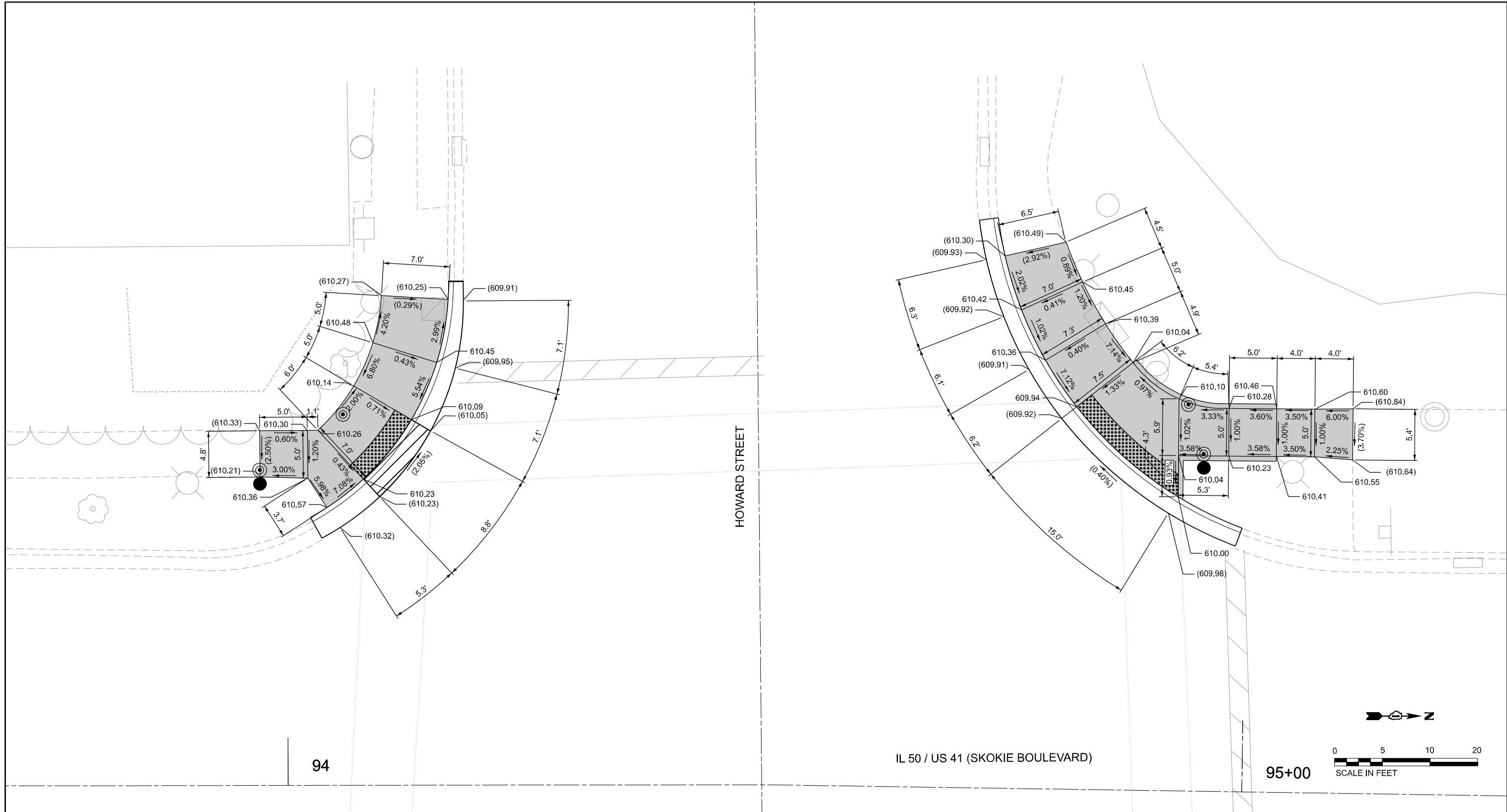
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**










**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT US 41 (LINCOLN AVENUE)**

SCALE: 1" = 5' SHEET 15 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	40
CONTRACT NO. 80B22				
		ILLINOIS FED. AID PROJECT		



LEGEND

	PC CONC SIDEWALK 5, 504 SQ FT SIDEWALK REM, 504 SQ FT		CC&G RMVL REPL > 10FT, 69 SQ FT		EXISTING ELEVATION/SLOPE
	TOPSOIL F & P 4 & SODDING, 0 SQ FT SIDEWALK REM, 504 SQ FT		DETECTABLE WARNINGS, 39 SQ FT		TRAFFIC SIGNAL FOUNDATION
	PROPOSED SIDE CURB		DEPRESSED CURB & GUTTER		APS PUSH BUTTON

NOTES

- ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED



USER NAME = (USERNAME)	DESIGNED - NJL/AG/LDV	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

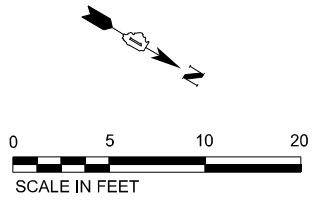
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT HOWARD STREET**

SCALE: 1" = 5' SHEET 16 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	41
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		

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LEGEND

- PC CONC SIDEWALK 5, 300 SQ FT
SIDEWALK REM, 300 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 300 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 43 SQ FT
- DETECTABLE WARNINGS, 12 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

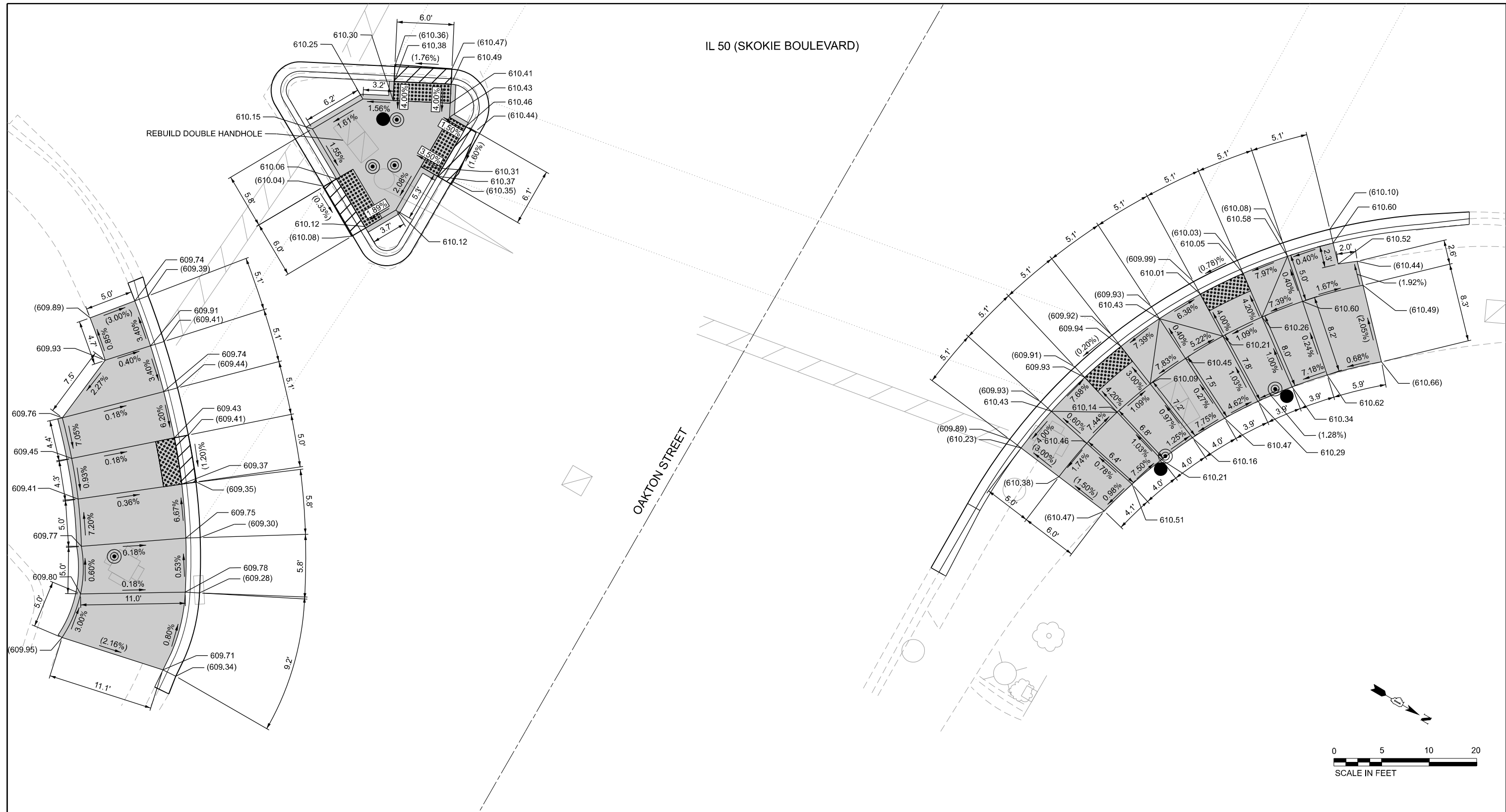
**ADA SIDEWALK RAMP DETAILS
IL 50 (SKOKIE BOULEVARD) AT US 41 (OAKTON STREET)**

SCALE: 1" = 5' SHEET 19 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	44
CONTRACT NO. 80B22				

ILLINOIS FED. AID PROJECT

IL 50 (SKOKIE BOULEVARD)



REBUILD DOUBLE HANDHOLE

OAKTON STREET

LEGEND

- PC CONC SIDEWALK 5, 989 SQ FT
SIDEWALK REM, 949 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 949 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 176 SQ FT
- DETECTABLE WARNINGS, 66 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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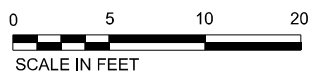
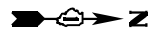
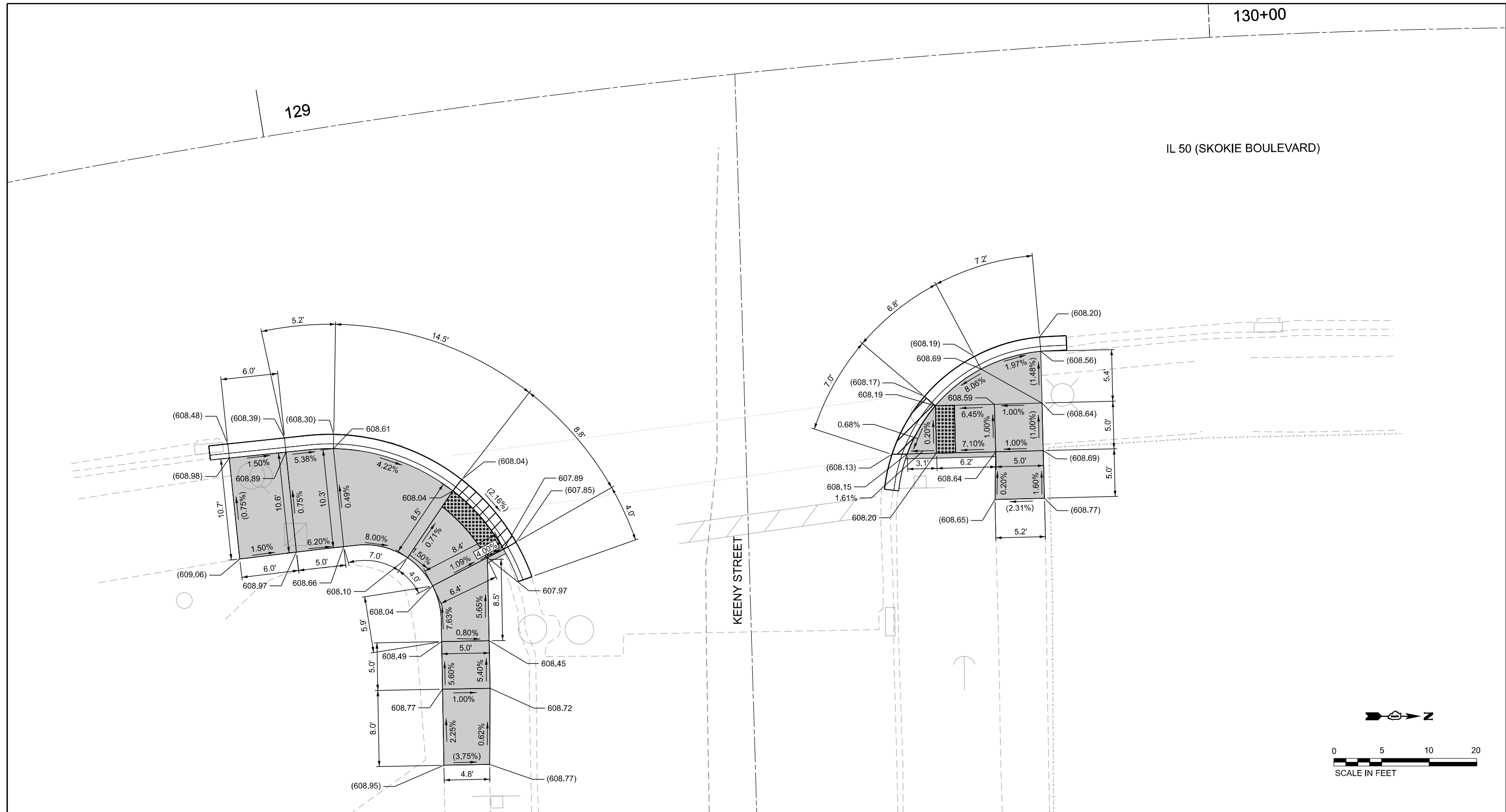
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PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT OAKTON STREET**

SCALE: 1" = 5' SHEET 20 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	45
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		



LEGEND

- PC CONC SIDEWALK 5, 501 SQ FT
SIDEWALK REM, 501 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 501 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 66 SQ FT
- DETECTABLE WARNINGS, 26 SQ FT
- DEPRESSED CURB & GUTTER
- / EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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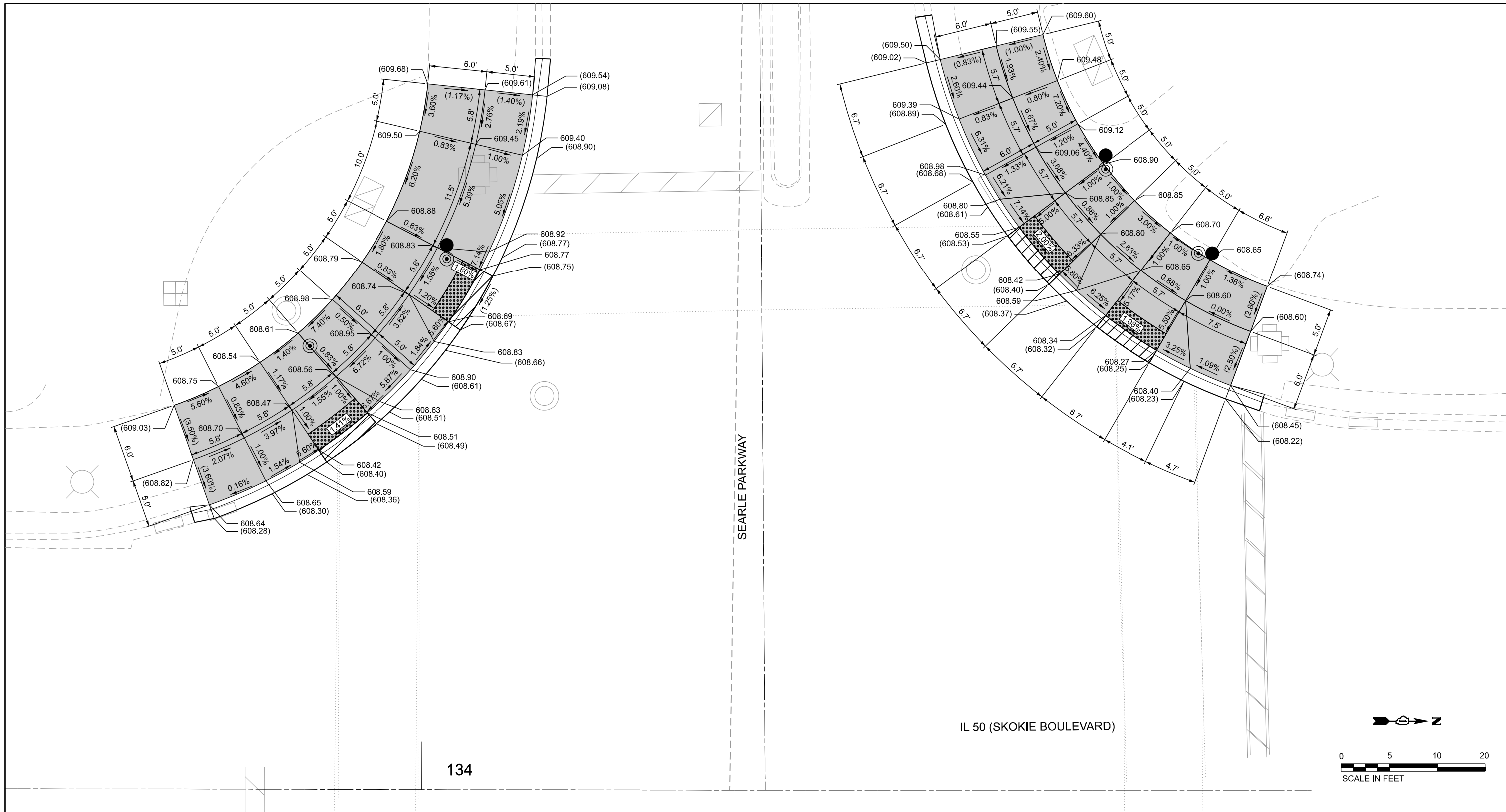
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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -	
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT KEENEY STREET**

SCALE: 1" = 5' SHEET 21 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	46
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



134

IL 50 (SKOKIE BOULEVARD)

SEARLE PARKWAY

LEGEND

- PC CONC SIDEWALK 5, 1,027 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 121 SQ FT
- DETECTABLE WARNINGS, 51 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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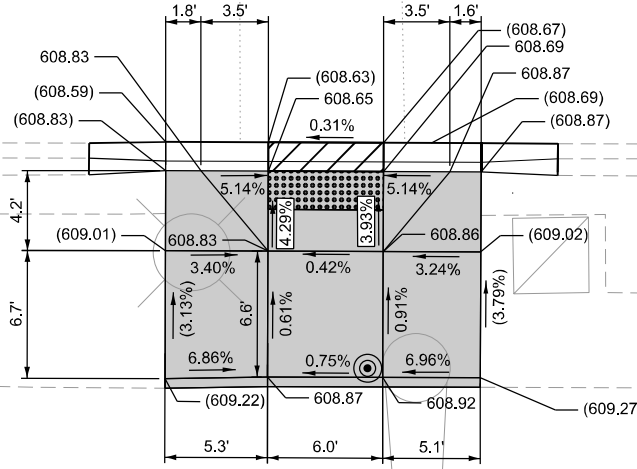
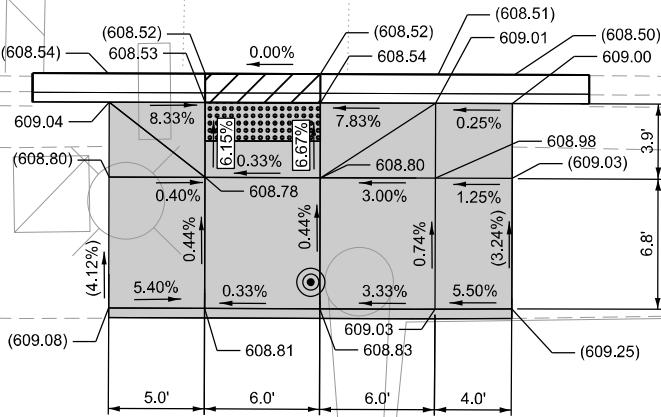
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT SEARLE PARKWAY

SCALE: 1" = 5' SHEET 22 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	47
CONTRACT NO. 80B22				
		ILLINOIS FED. AID PROJECT		

SEARLE PARKWAY



LEGEND

- PC CONC SIDEWALK 5, 421 SQ FT
SIDEWALK REM, 421 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 421 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 54 SQ FT
- DETECTABLE WARNINGS, 24 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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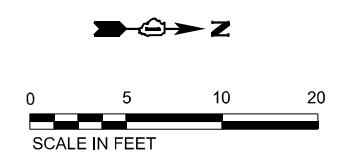
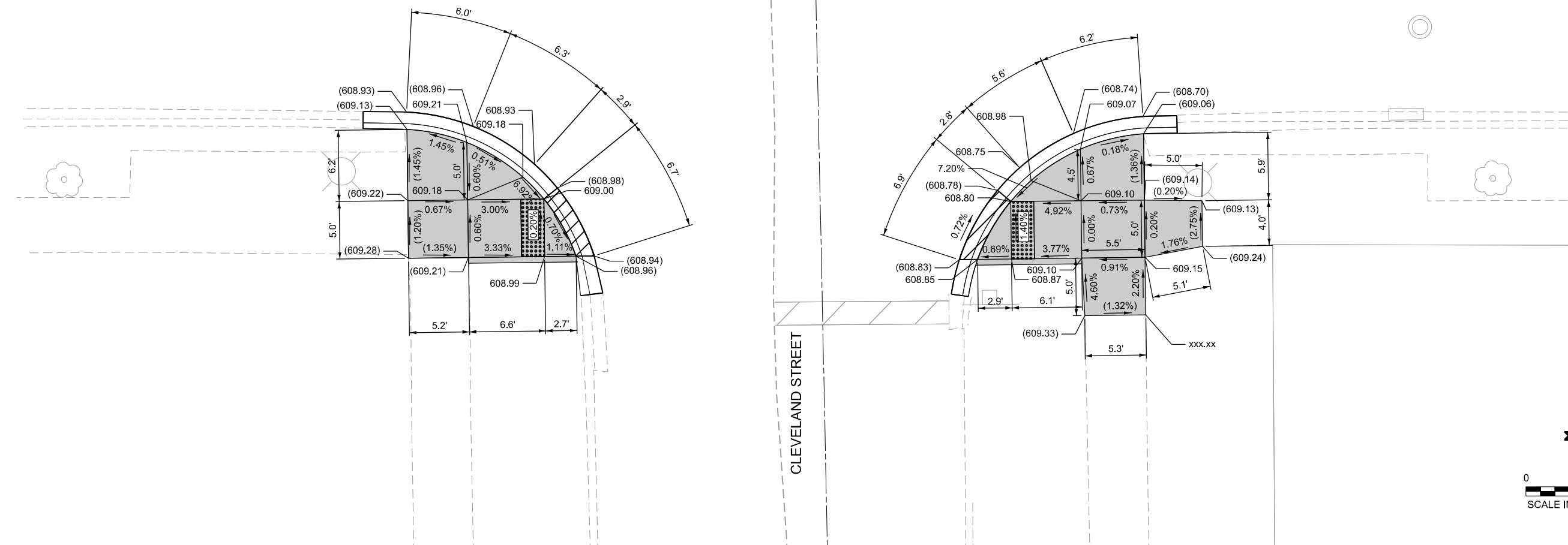
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT SEARLE PARKWAY**

SCALE: 1" = 5' SHEET 23 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	48
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

IL 50 (SKOKIE BOULEVARD)



LEGEND

- | | | | | | |
|--|--|--|---------------------------------|--|---------------------------|
| | PC CONC SIDEWALK 5, 286 SQ FT
SIDEWALK REM, 286 SQ FT | | CC&G RMVL REPL > 10FT, 53 SQ FT | | EXISTING ELEVATION/SLOPE |
| | TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 286 SQ FT | | DETECTABLE WARNINGS, 20 SQ FT | | TRAFFIC SIGNAL FOUNDATION |
| | PROPOSED SIDE CURB | | DEPRESSED CURB & GUTTER | | APS PUSH BUTTON |

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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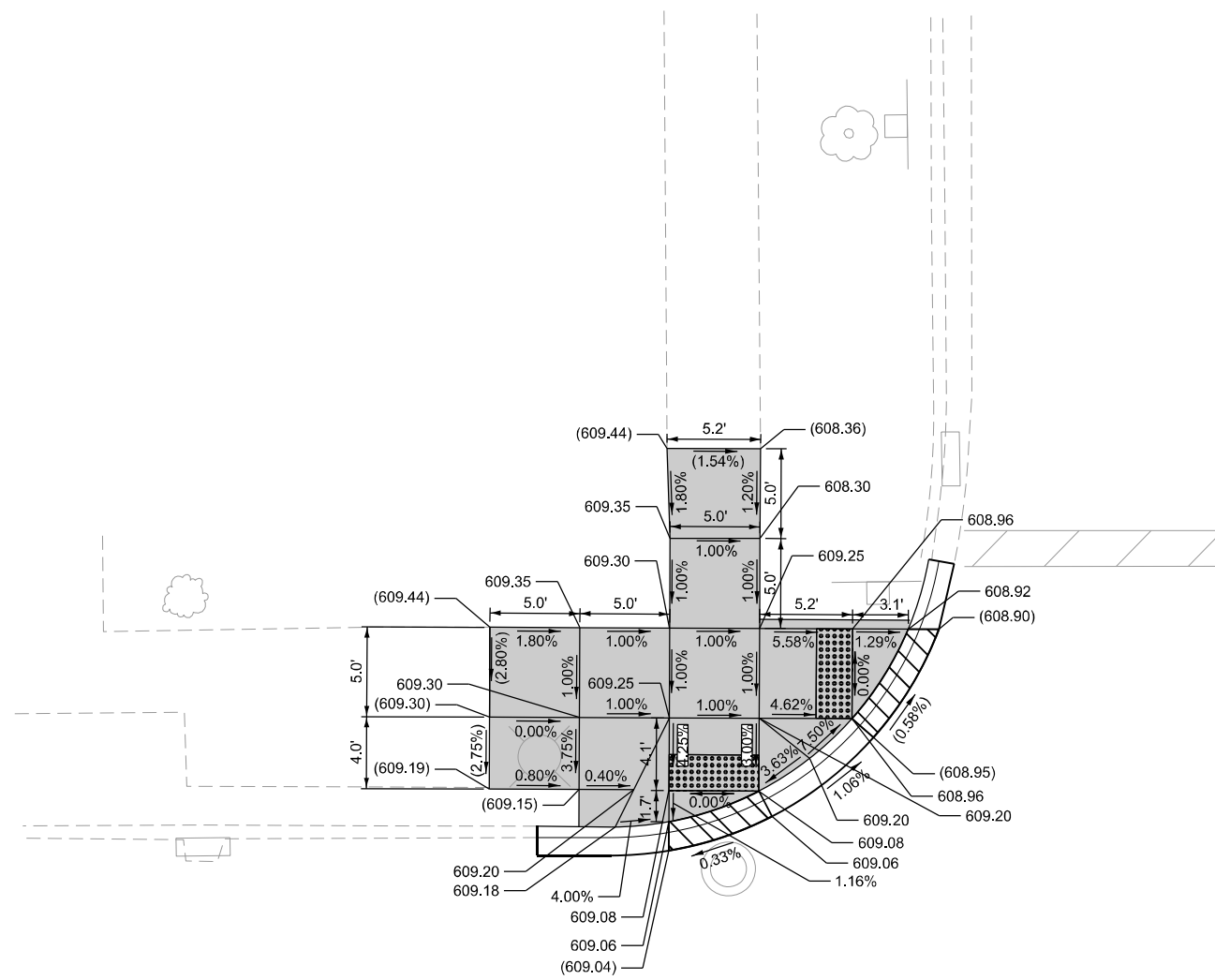
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	DRAWN - NJL/AG	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT CLEVELAND STREET**

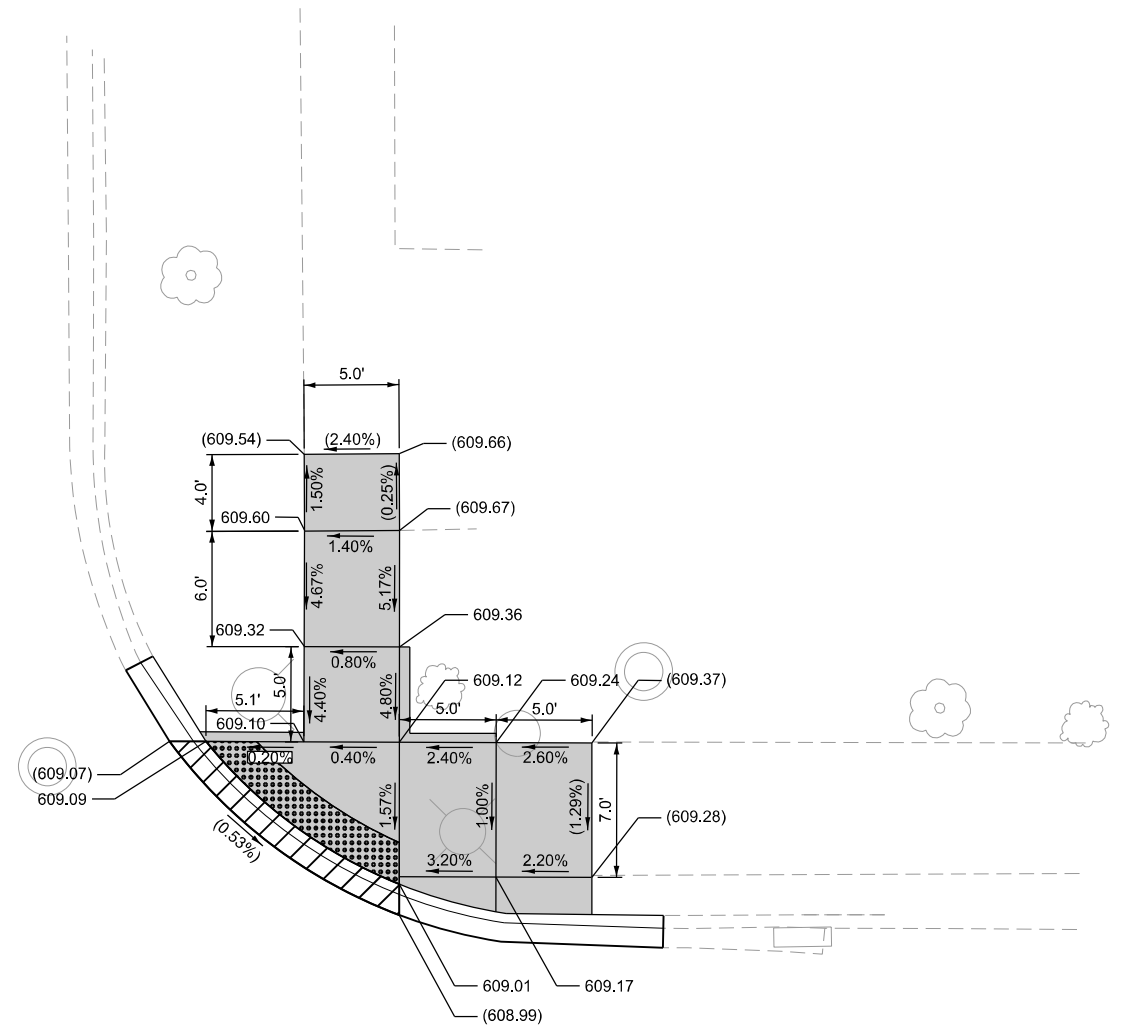
SCALE: 1" = 5' SHEET 24 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	49
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



WASHINGTON STREET

146



II



LEGEND

- PC CONC SIDEWALK 5, 457 SQ FT
SIDEWALK REM, 457 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 457 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 63 SQ FT
- DETECTABLE WARNINGS, 42 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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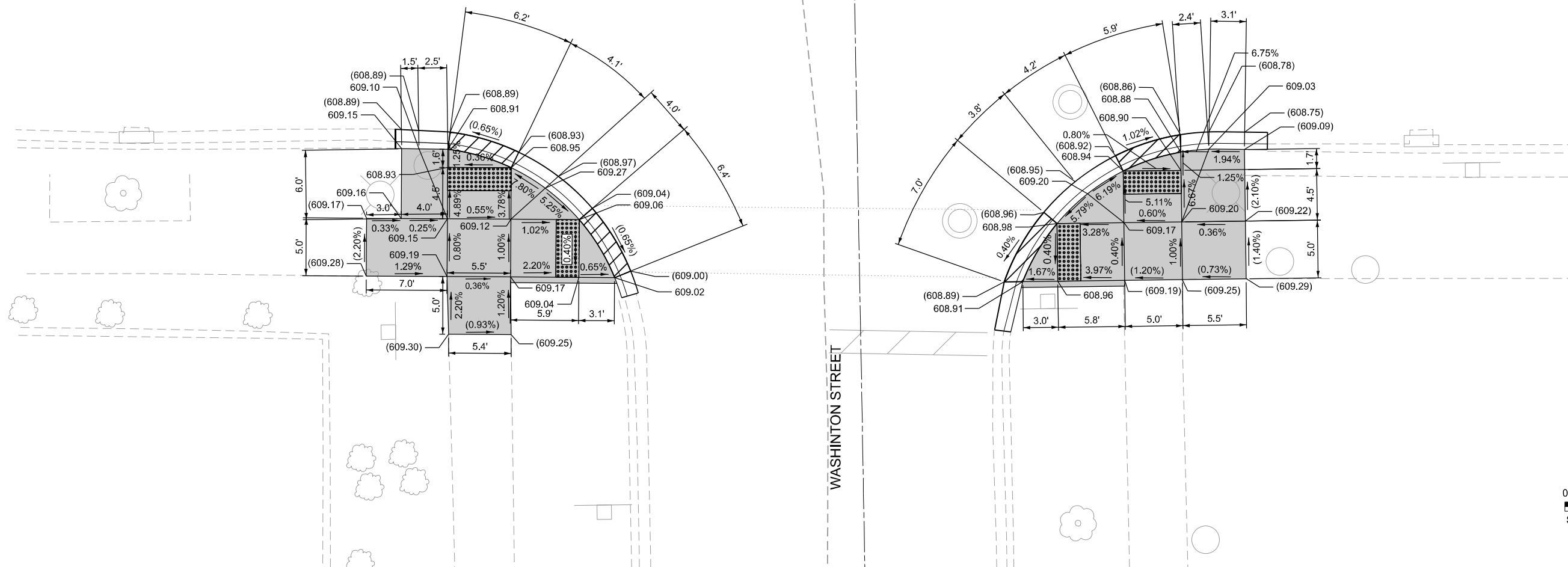
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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -	
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT WASHINGTON STREET**

SCALE: 1" = 5' SHEET 26 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	51
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 352 SQ FT
SIDEWALK REM, 352 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 352 SQ FT
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS, 41 SQ FT
- DEPRESSED CURB & GUTTER
- CC&G RMVL REPL > 10FT, 58 SQ FT
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

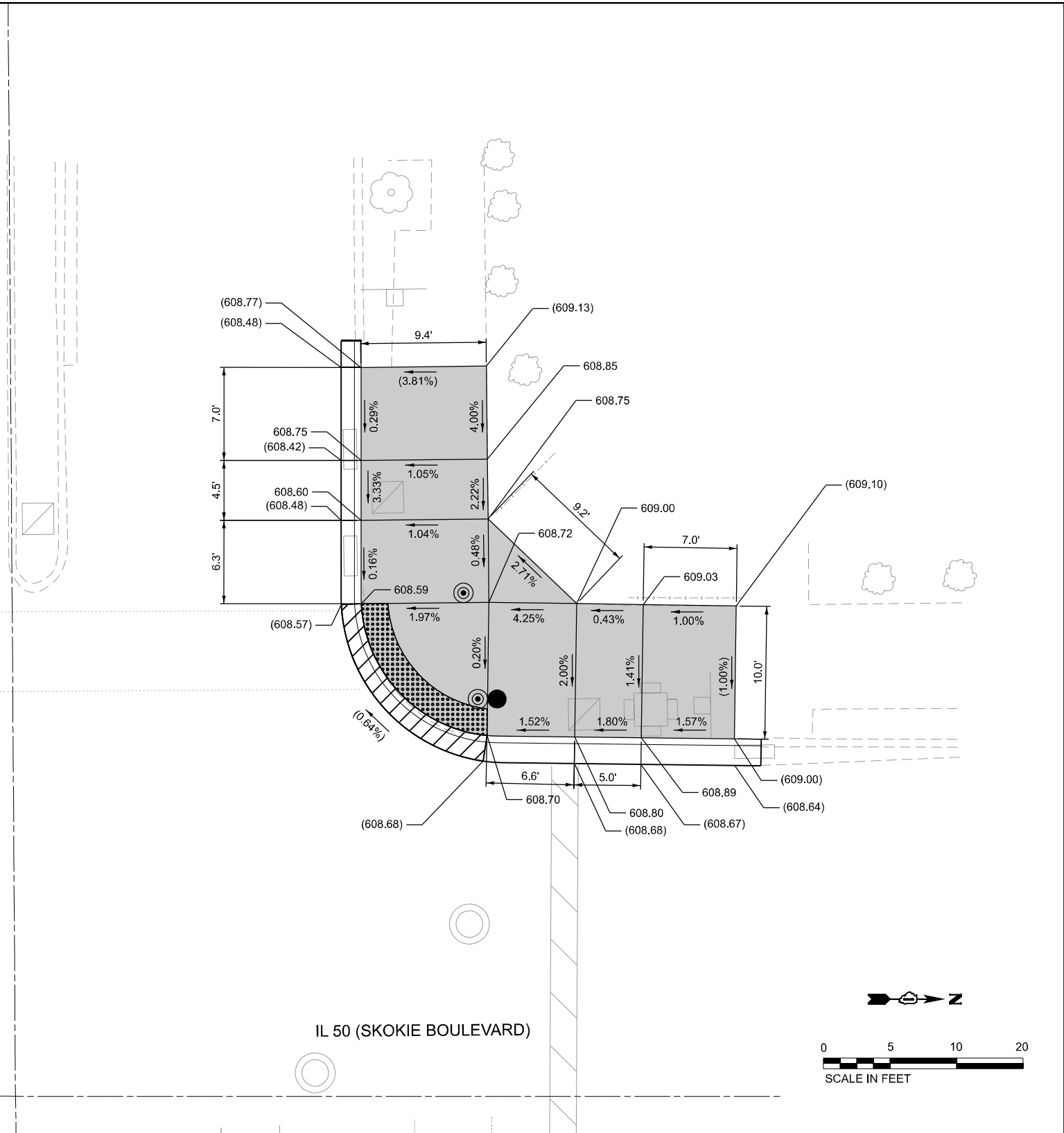
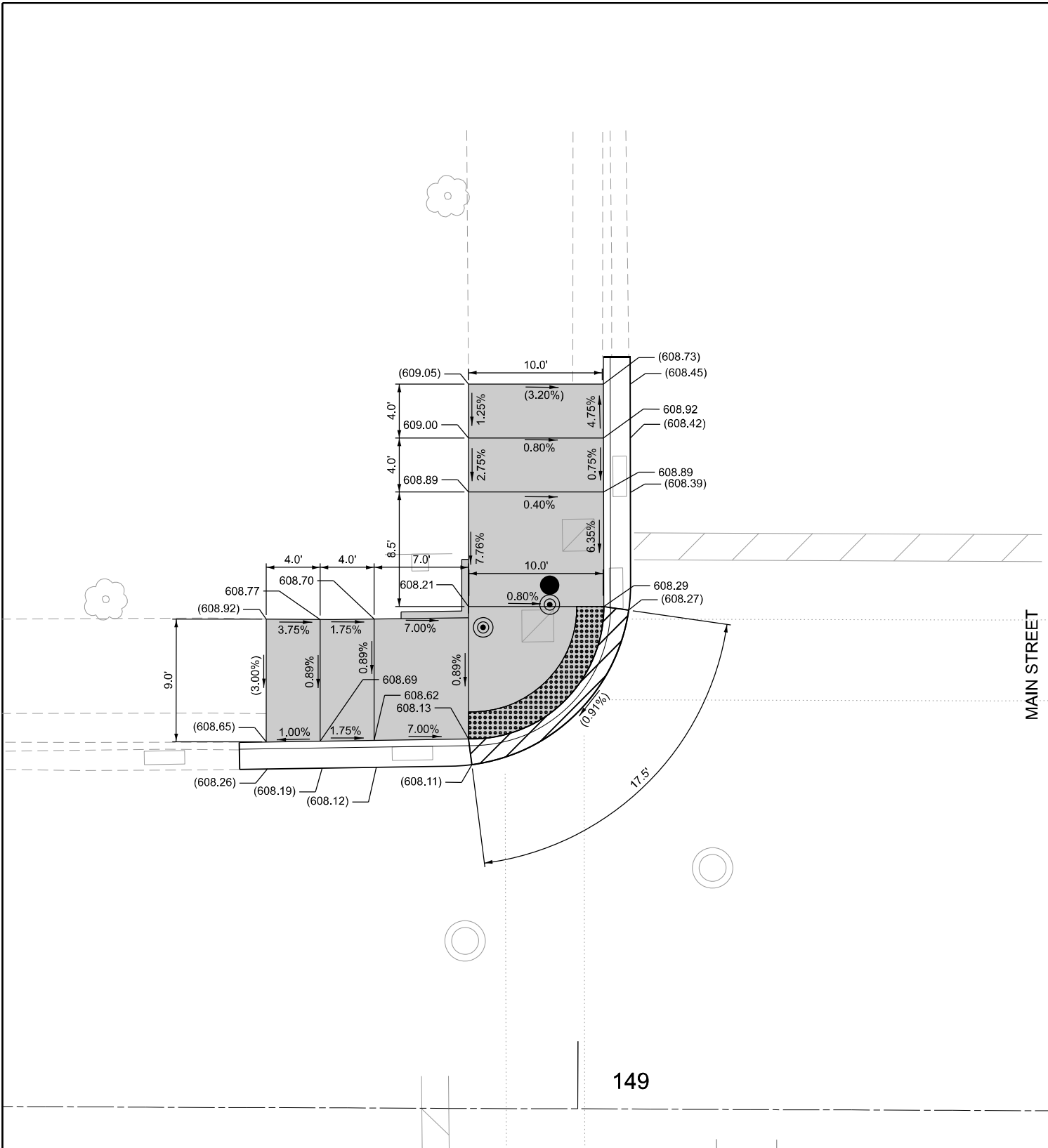
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT WASHINGTON STREET**

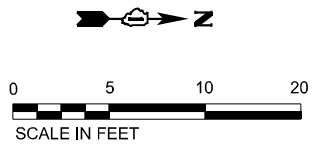
SCALE: 1" = 5' SHEET 27 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	52
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

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149



LEGEND

- PC CONC SIDEWALK 5, 831 SQ FT
SIDEWALK REM, 831 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 831 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 108 SQ FT
- DETECTABLE WARNINGS, 55 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED



USER NAME = (USERNAME)	DESIGNED - NJL/AG/LDV	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

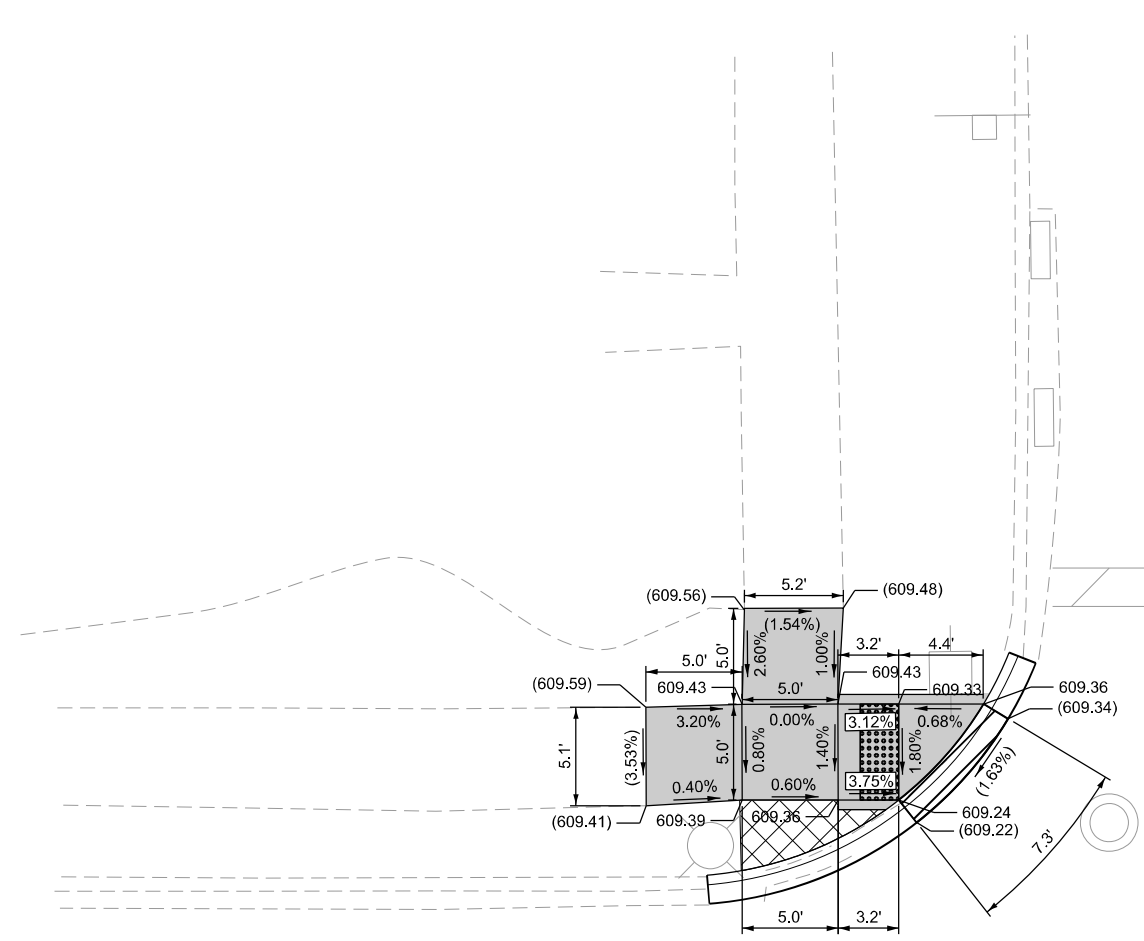
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**ADA SIDEWALK RAMP DETAILS
 IL 50 / US 41 (SKOKIE BOULEVARD) AT MAIN STREET**

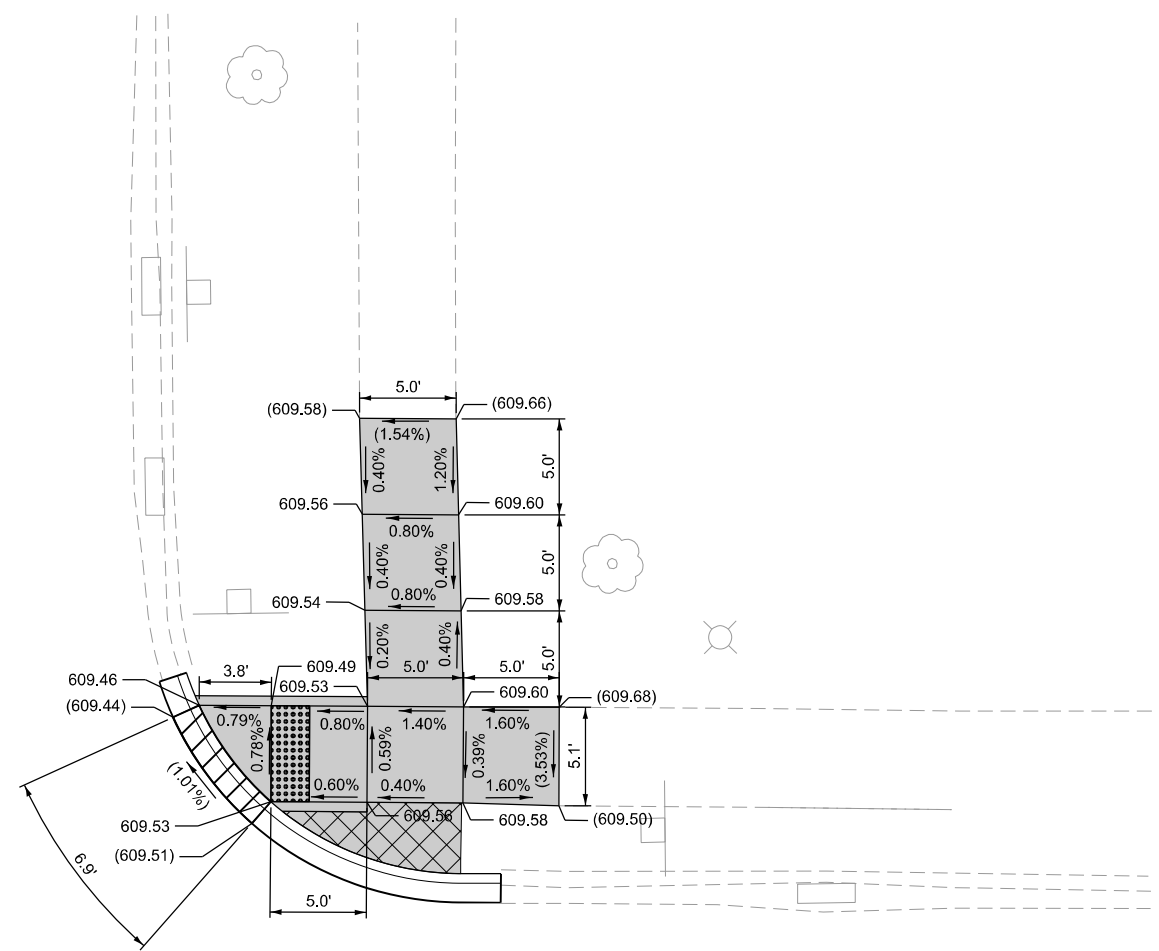
SCALE: 1" = 5' SHEET 28 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	53
CONTRACT NO. 80B22				

ILLINOIS FED. AID PROJECT



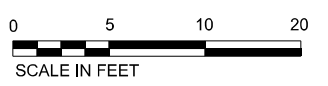
ELM STREET



IL 50 (SKOKIE BOULEVARD)

152

153



LEGEND

- PC CONC SIDEWALK 5, 270 SQ FT
SIDEWALK REM, 318 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 318 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 43 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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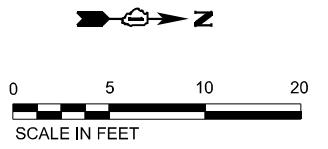
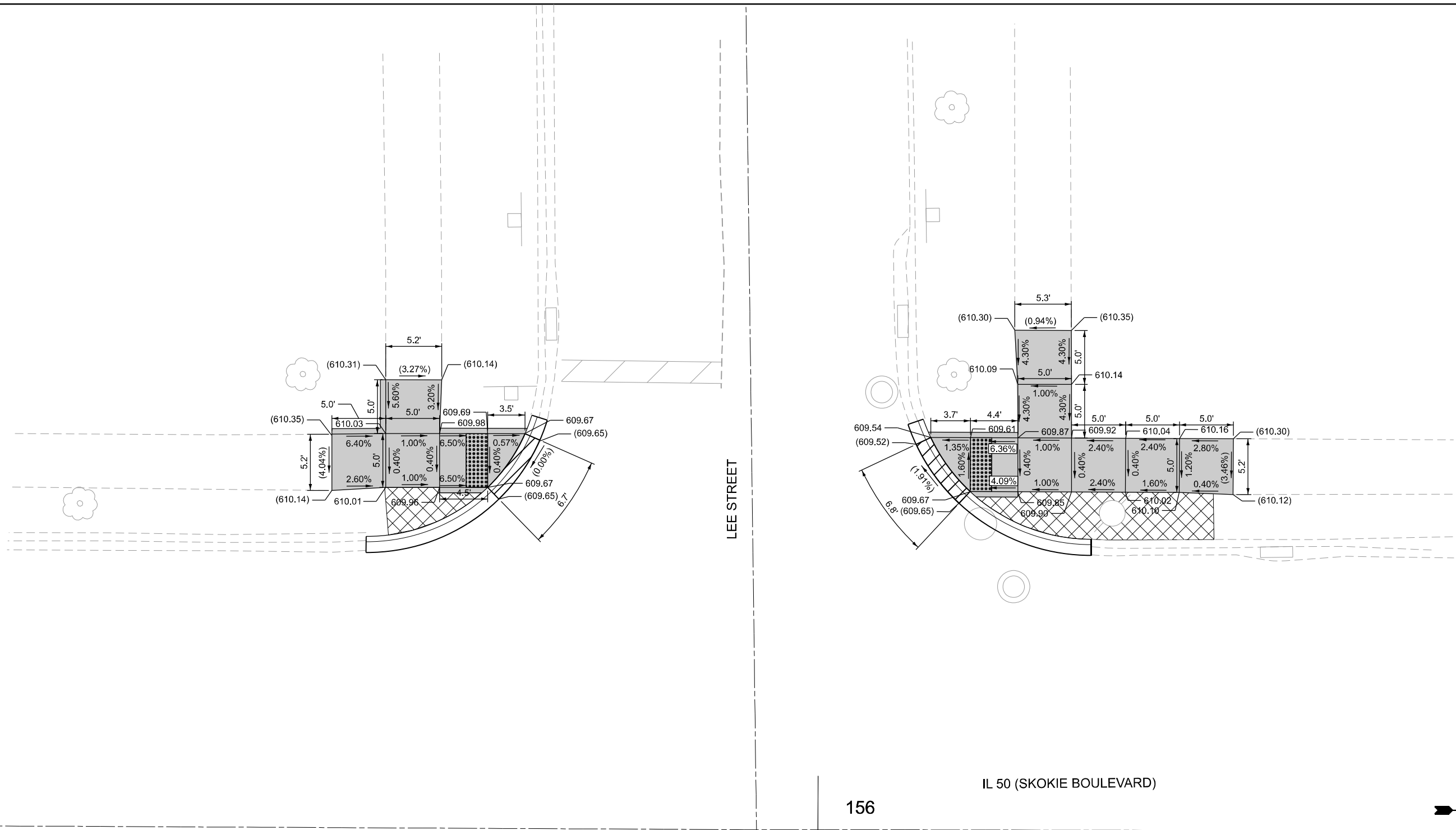
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT ELM STREET**

SCALE: 1" = 5' SHEET 30 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	55
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 306 SQ FT
SIDEWALK REM, 412 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 412 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 43 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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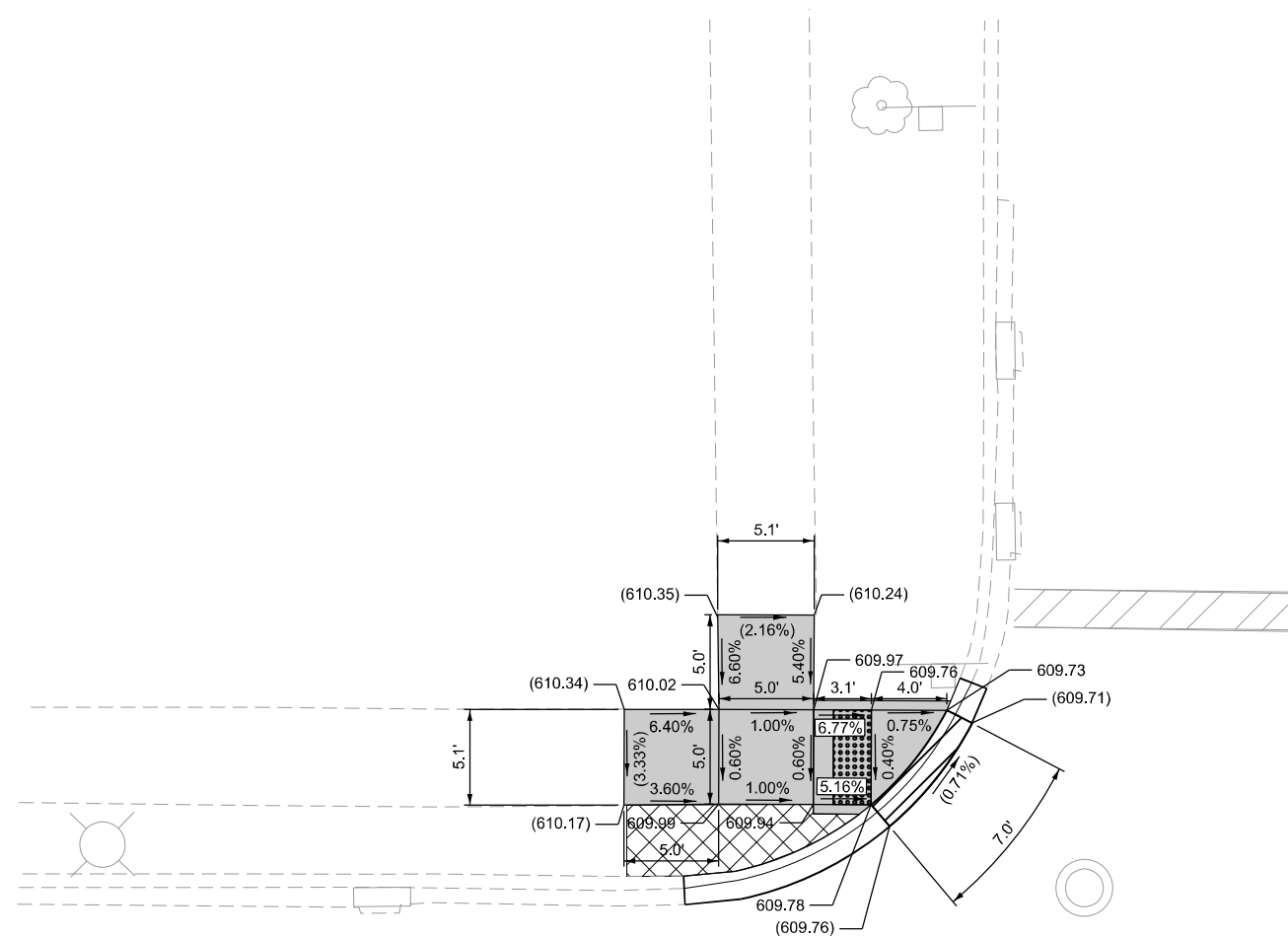
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

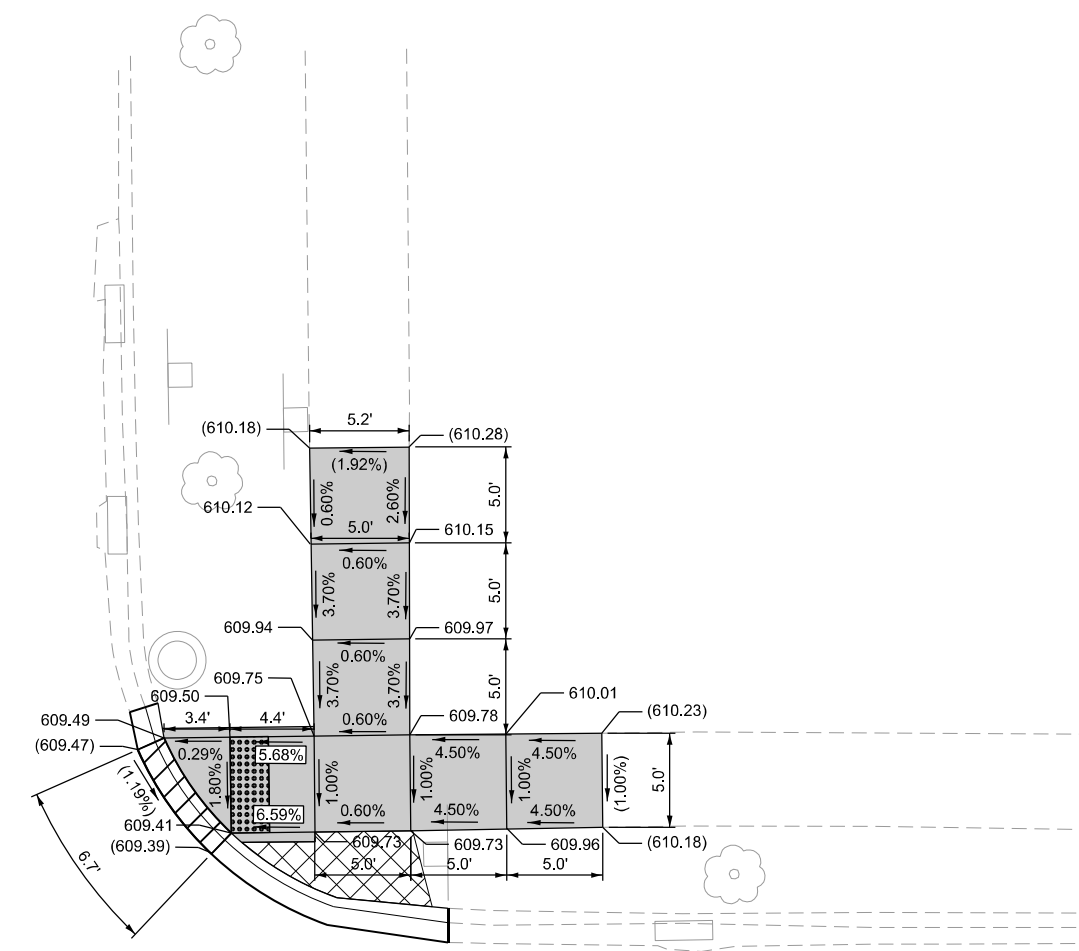
**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT LEE STREET**

SCALE: 1" = 5' SHEET 31 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	56
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



WRIGHT TERRACE



IL 50 (SKOKIE BOULEVARD)



159

LEGEND

- PC CONC SIDEWALK 5, 285 SQ FT
SIDEWALK REM, 356 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 356 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 41 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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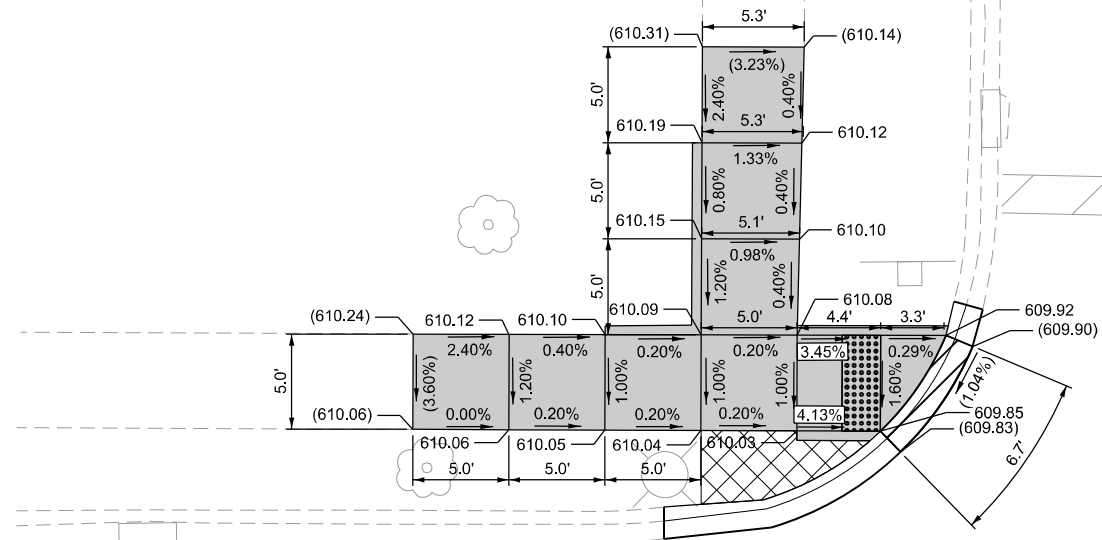
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

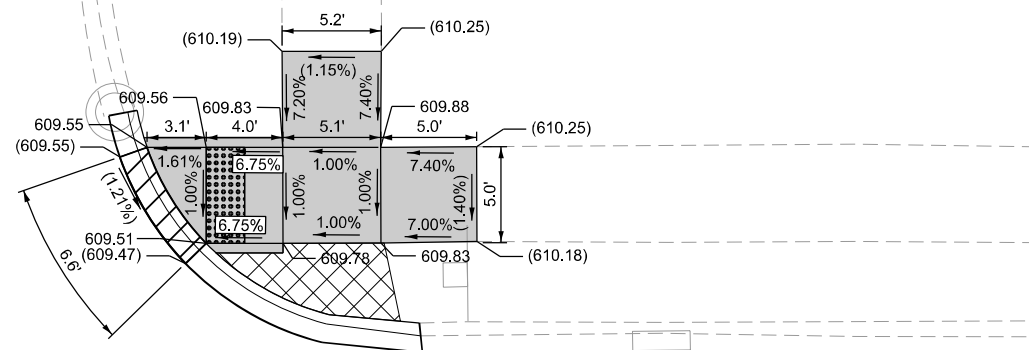
**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT WRIGHT TERRACE**

SCALE: 1" = 5' SHEET 32 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	57
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



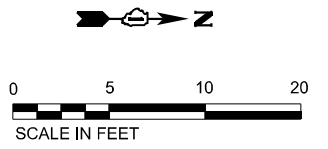
GREENLEAF STREET



IL 50 (SKOKIE BOULEVARD)

162

163



LEGEND

- PC CONC SIDEWALK 5, 329 SQ FT
SIDEWALK REM, 381 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 381 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 42 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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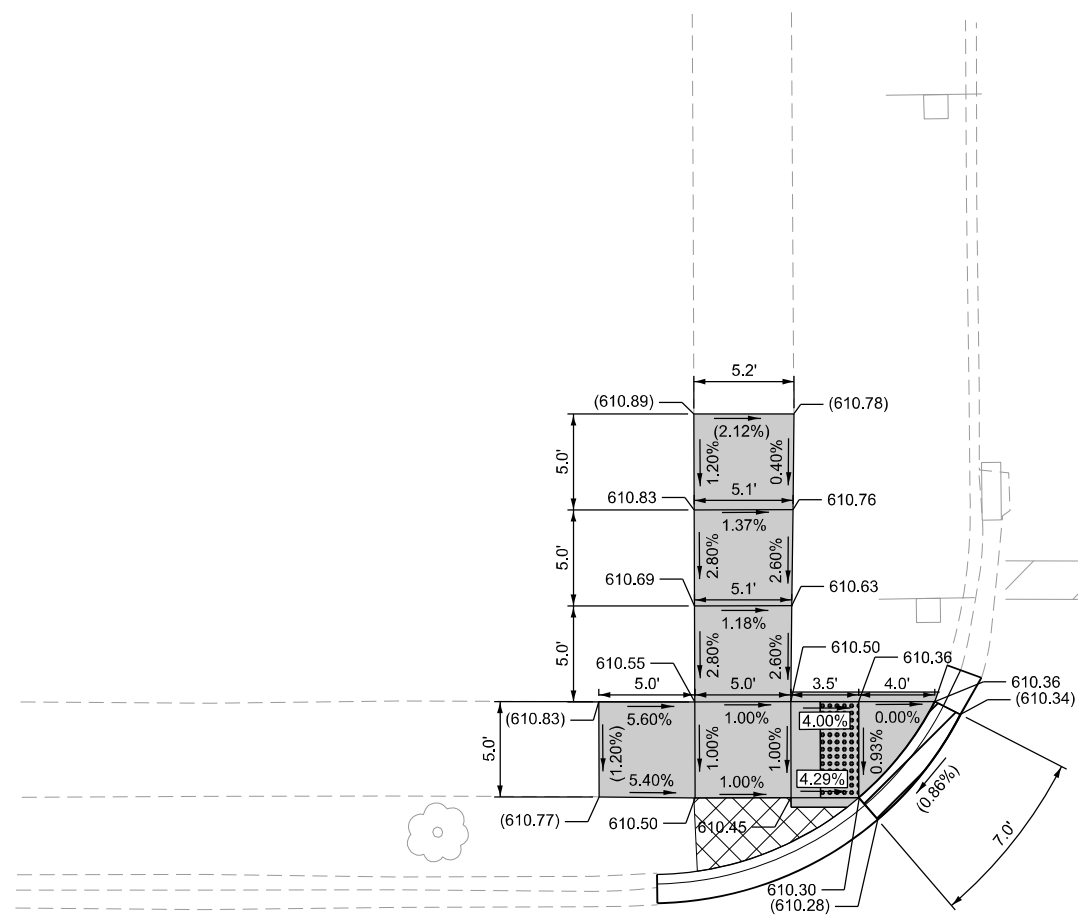
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

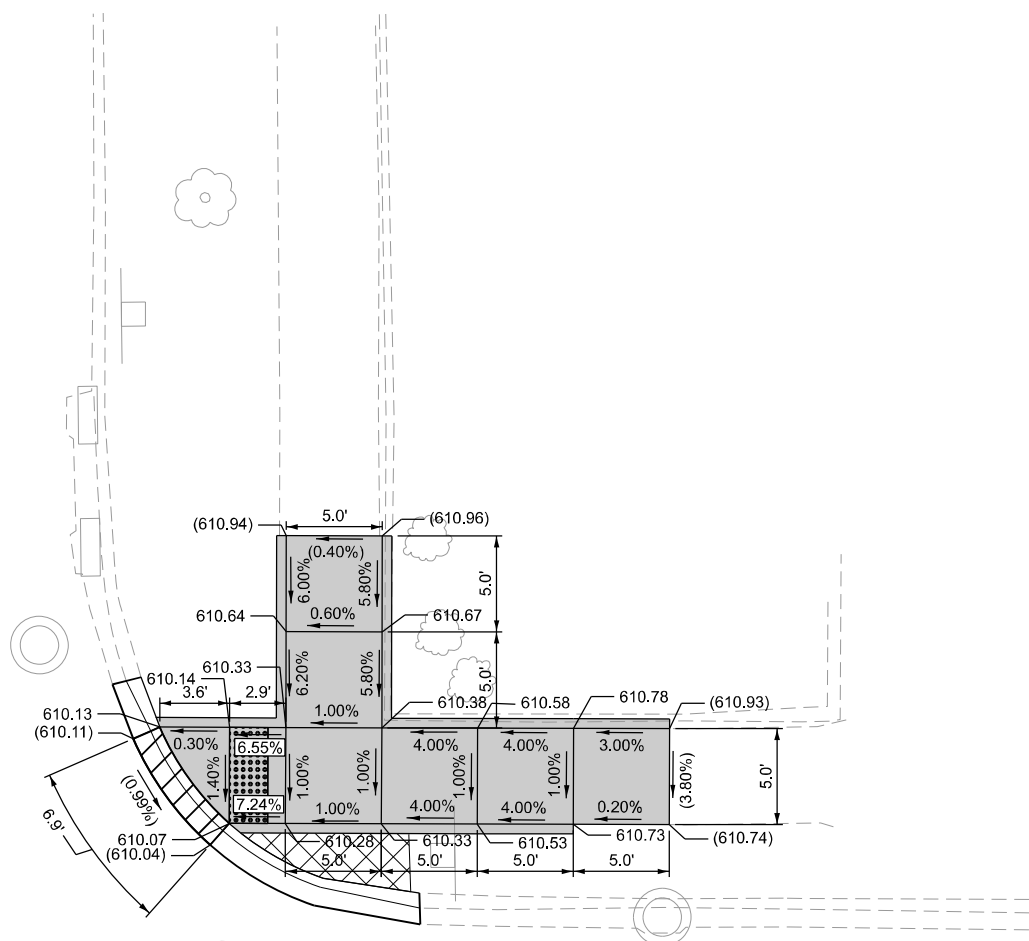
**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GREENLEAF STREET**

SCALE: 1" = 5' SHEET 33 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	58
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

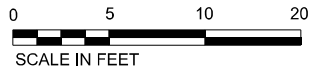
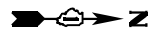


CONRAD STREET



IL 50 (SKOKIE BOULEVARD)

166



5+00

LEGEND

- PC CONC SIDEWALK 5, 364 SQ FT
SIDEWALK REM, 402 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 402 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 41 SQ FT
- DETECTABLE WARNINGS, 20 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED



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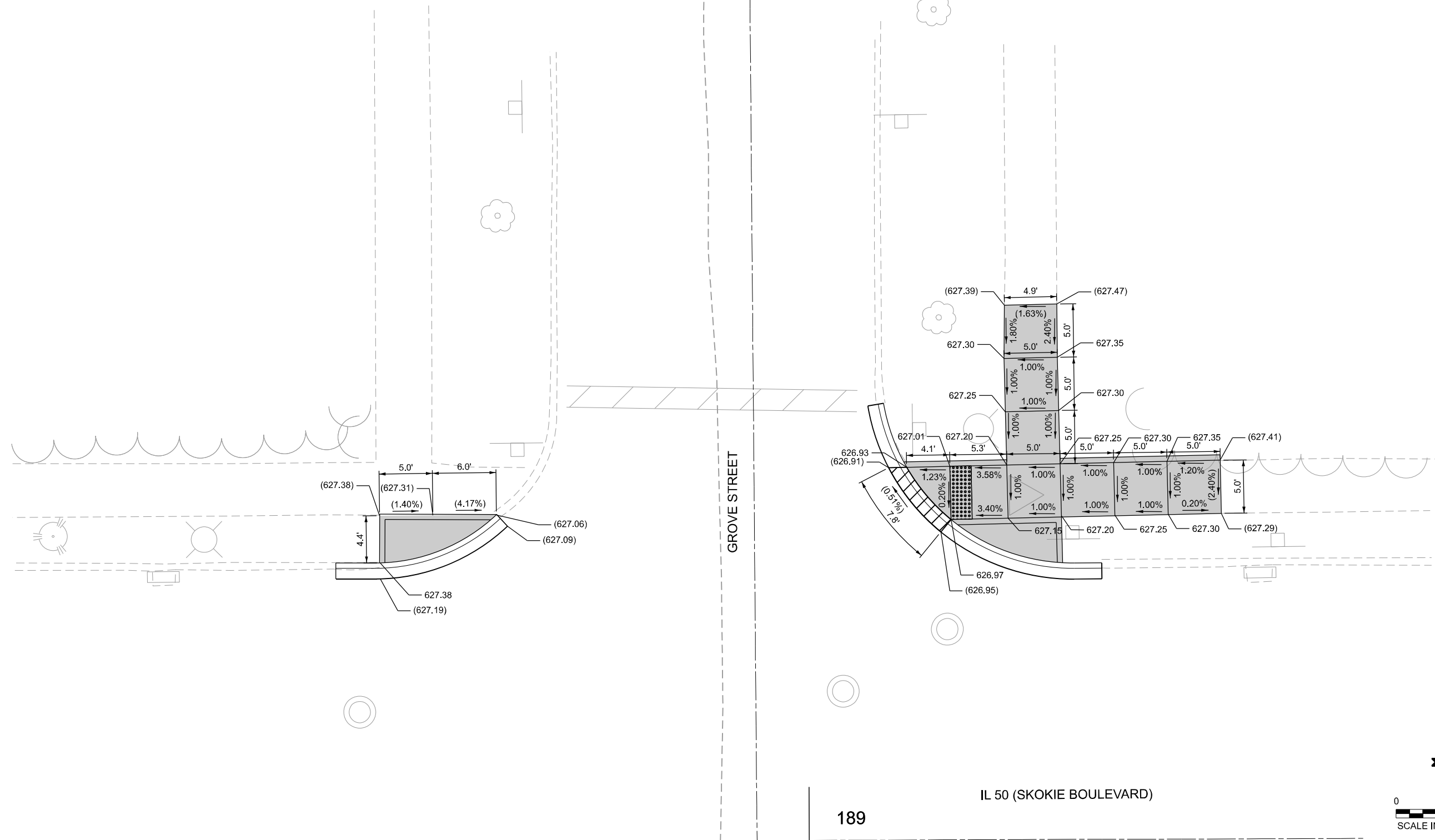
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT CONRAD STREET

SCALE: 1" = 5' SHEET 34 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	59
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	

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LEGEND

- PC CONC SIDEWALK 5, 399 SQ FT
SIDEWALK REM, 403 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 399 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 27 SQ FT
- DETECTABLE WARNINGS, 40 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

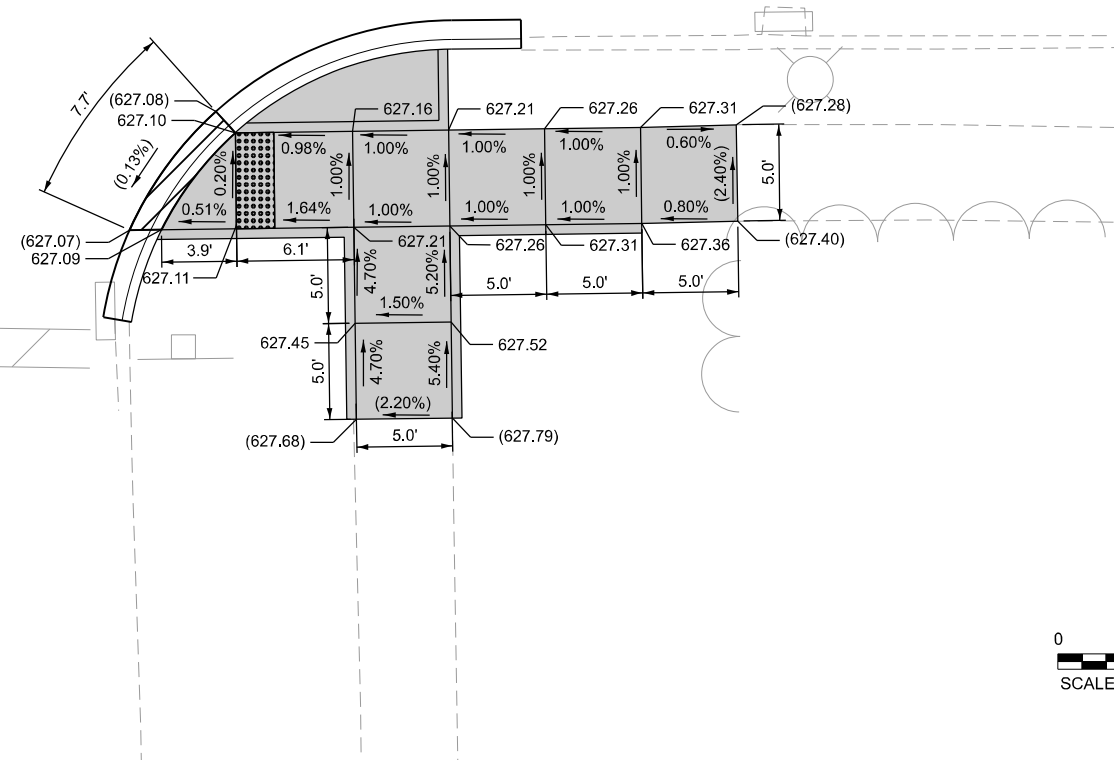
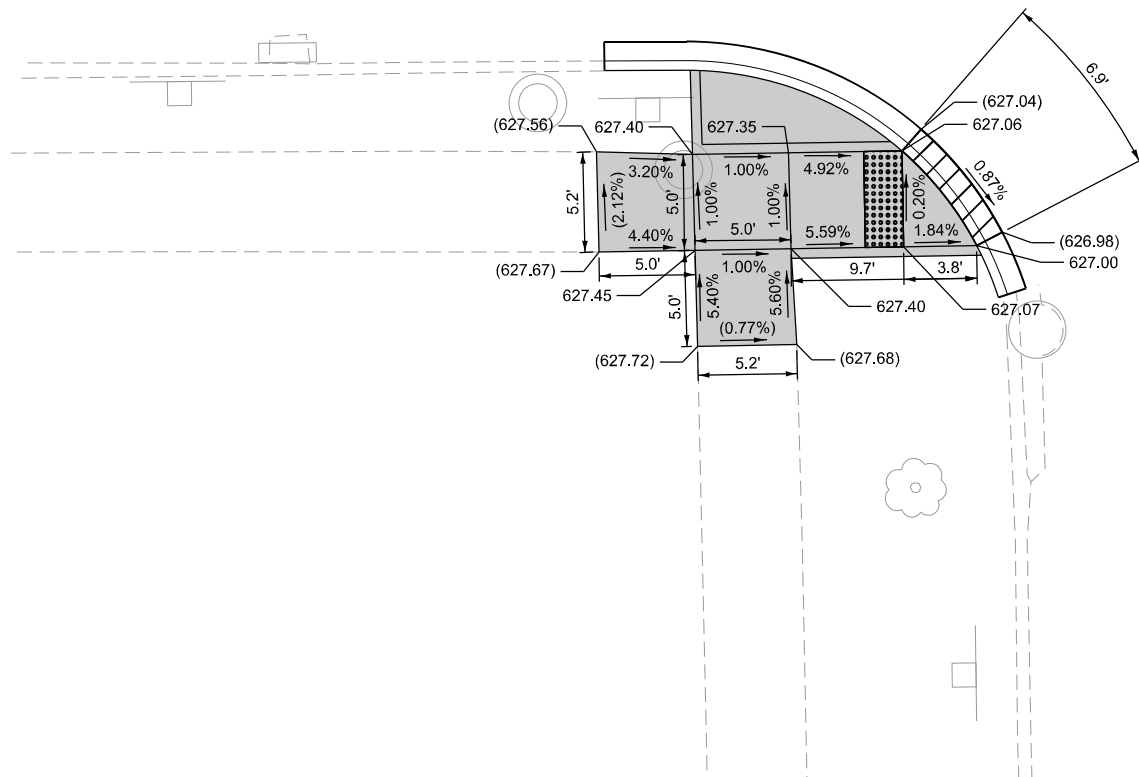
**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GROVE STREET**

SCALE: 1" = 5' SHEET 35 OF 46 SHEETS STA. TO STA.

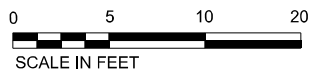
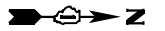
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	60
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

189

IL 50 (SKOKIE BOULEVARD)



GROVE STREET



LEGEND

- PC CONC SIDEWALK 5, 394 SQ FT
SIDEWALK REM, 395 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 394 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 47 SQ FT
- DETECTABLE WARNINGS, 40 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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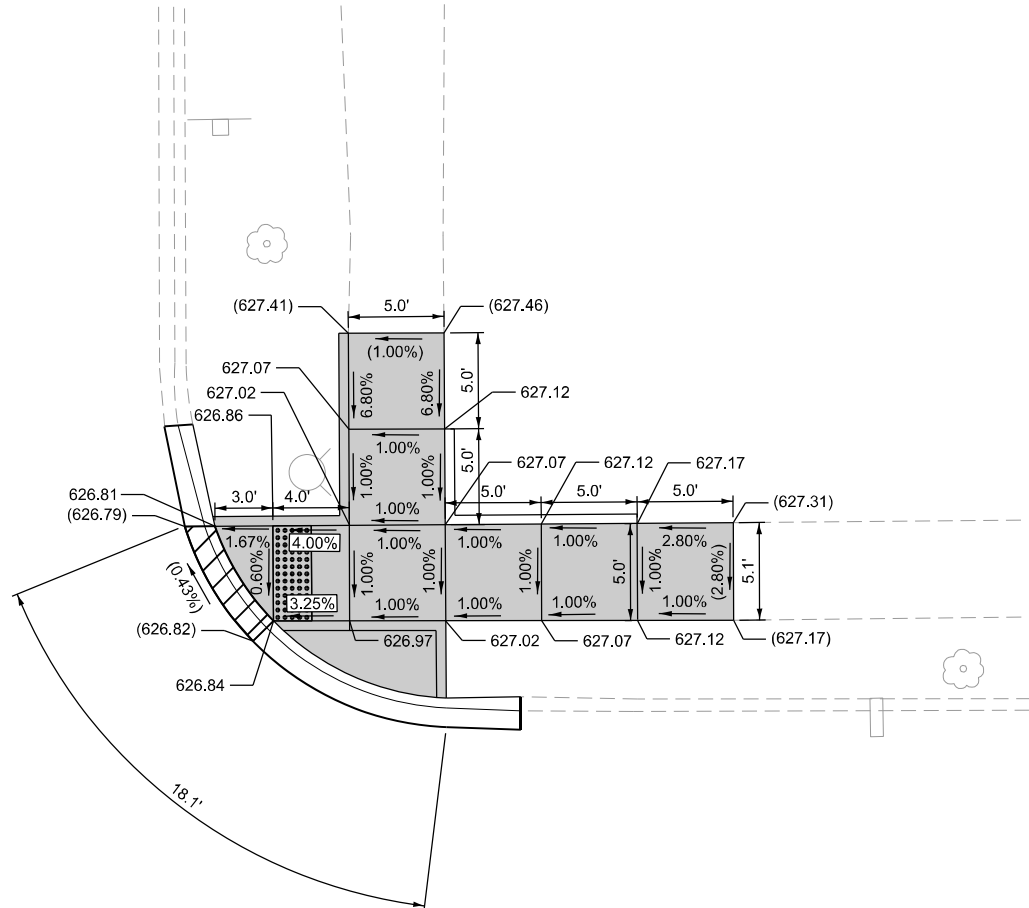
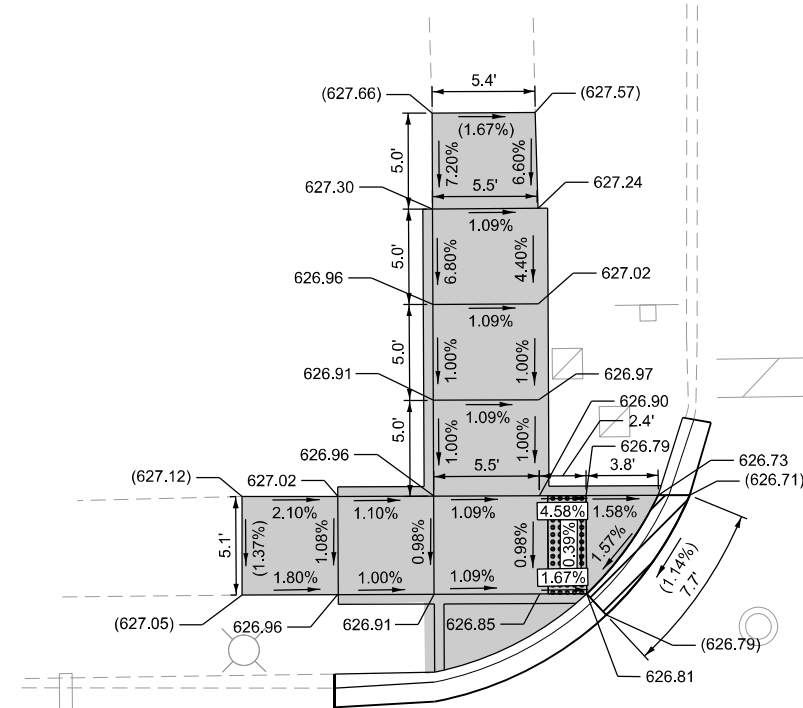
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GROVE STREET

SCALE: 1" = 5' SHEET 36 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	61
CONTRACT NO. 80B22				
		ILLINOIS	FED. AID PROJECT	

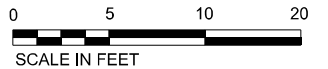
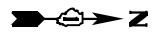


DAVIS STREET

IL 50 (SKOKIE BOULEVARD)

195+00

196



LEGEND

- PC CONC SIDEWALK 5, 473 SQ FT
SIDEWALK REM, 473 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 473 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 52 SQ FT
- DETECTABLE WARNINGS, 56 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

- 1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT DAVIS STREET

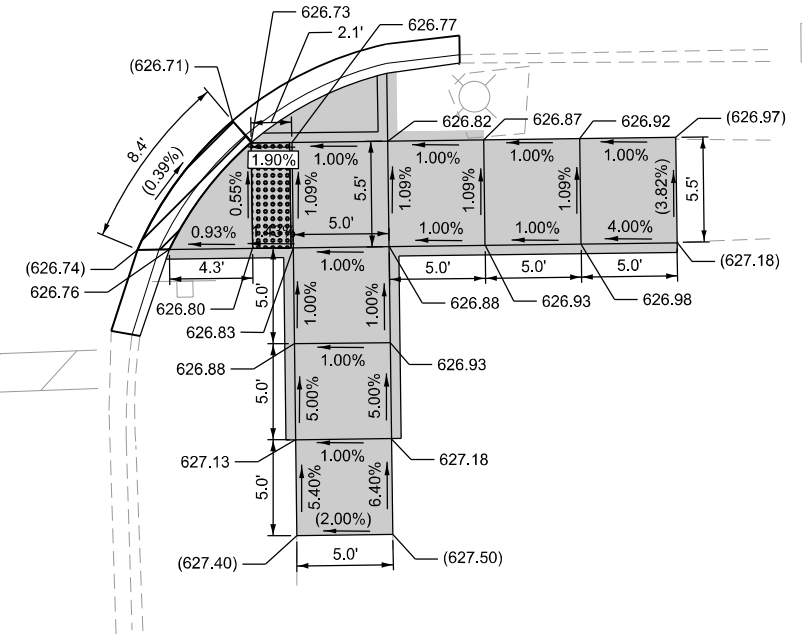
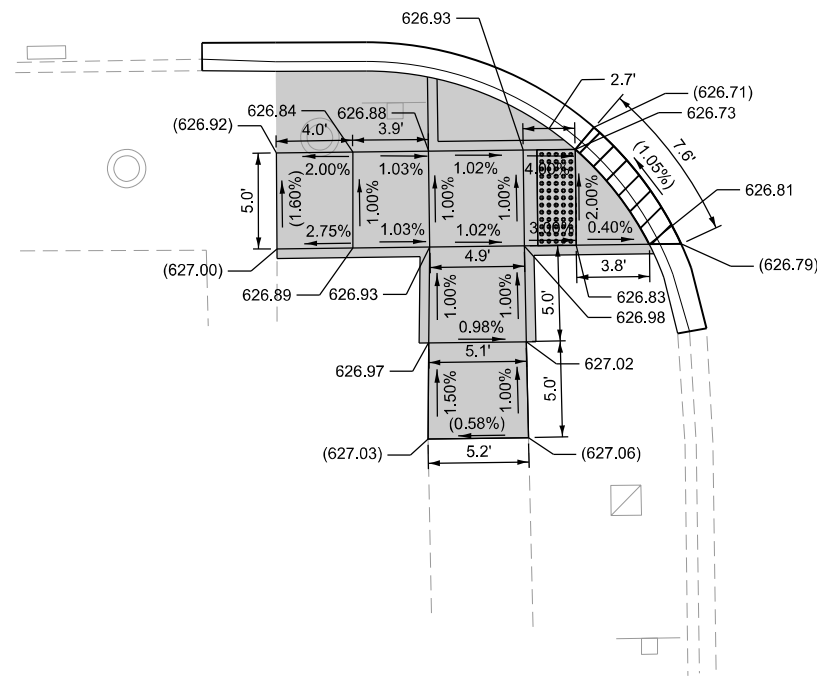
SCALE: 1" = 5' SHEET 37 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	62
CONTRACT NO. 80B22				
ILLINOIS		FED. AID PROJECT		

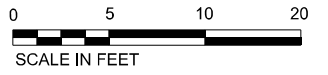
195+00

IL 50 (SKOKIE BOULEVARD)

196



DAVIS STREET



LEGEND

- PC CONC SIDEWALK 5, 452 SQ FT
SIDEWALK REM, 452 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 452 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 57 SQ FT
- DETECTABLE WARNINGS, 54 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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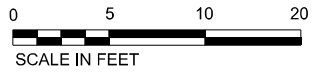
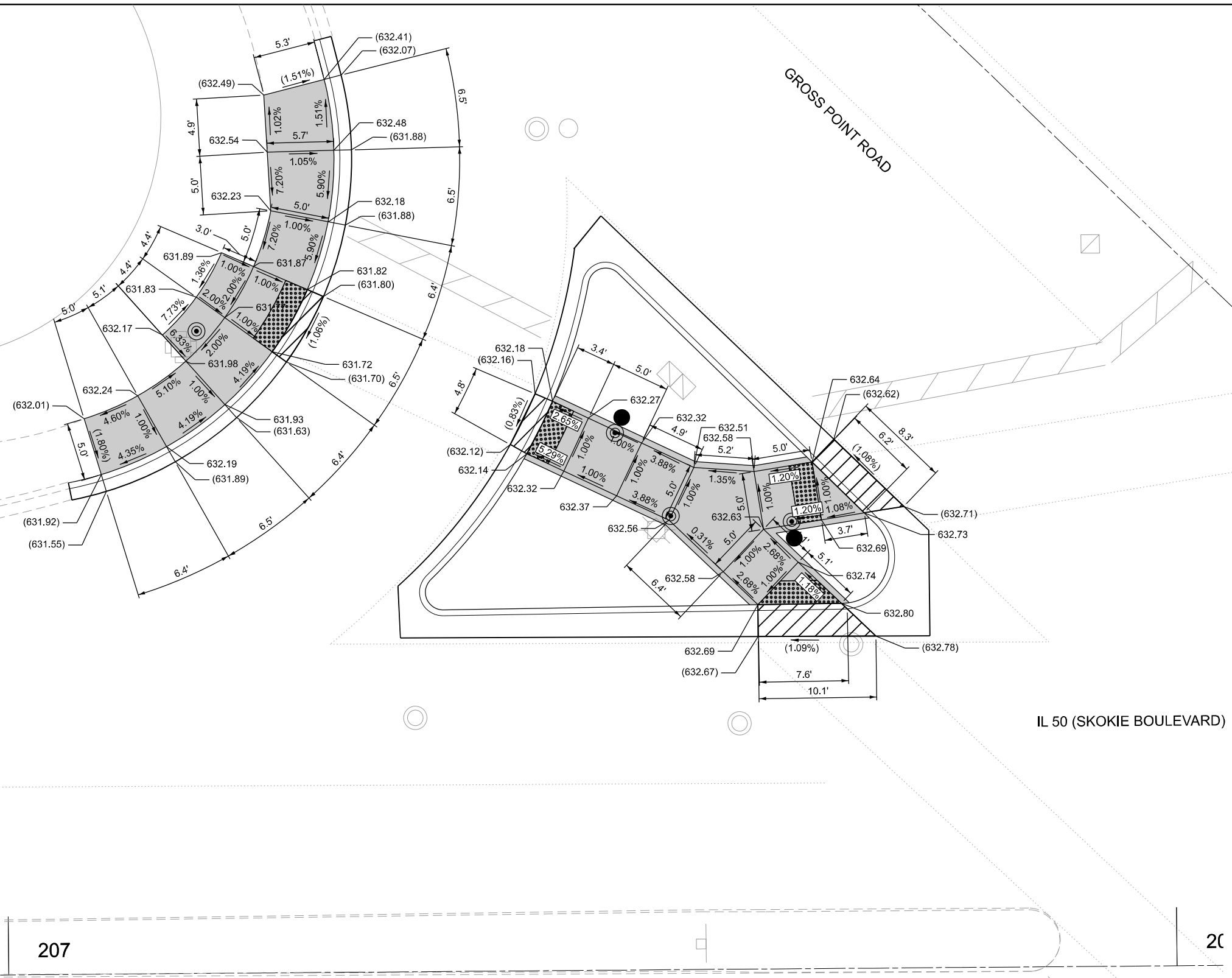
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT DAVIS STREET**

SCALE: 1" = 5' SHEET 38 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	63
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



207

208

LEGEND

- PC CONC SIDEWALK 5, 443 SQ FT
SIDEWALK REM, 443 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 443 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 164 SQ FT
- DETECTABLE WARNINGS, 43 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- ⊙ APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -	
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GROSS POINT ROAD**

SCALE: 1" = 5' SHEET 39 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	64
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



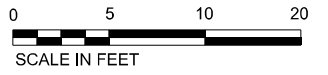
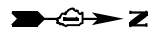
IL 50 (SKOKIE BOULEVARD)

IL 50 (SKOKIE BOULEVARD)

GROSS POINT ROAD

208

209



LEGEND

- PC CONC SIDEWALK 5, 289 SQ FT
SIDEWALK REM, 289 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
SIDEWALK REM, 289 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 51 SQ FT
- DETECTABLE WARNINGS, 26 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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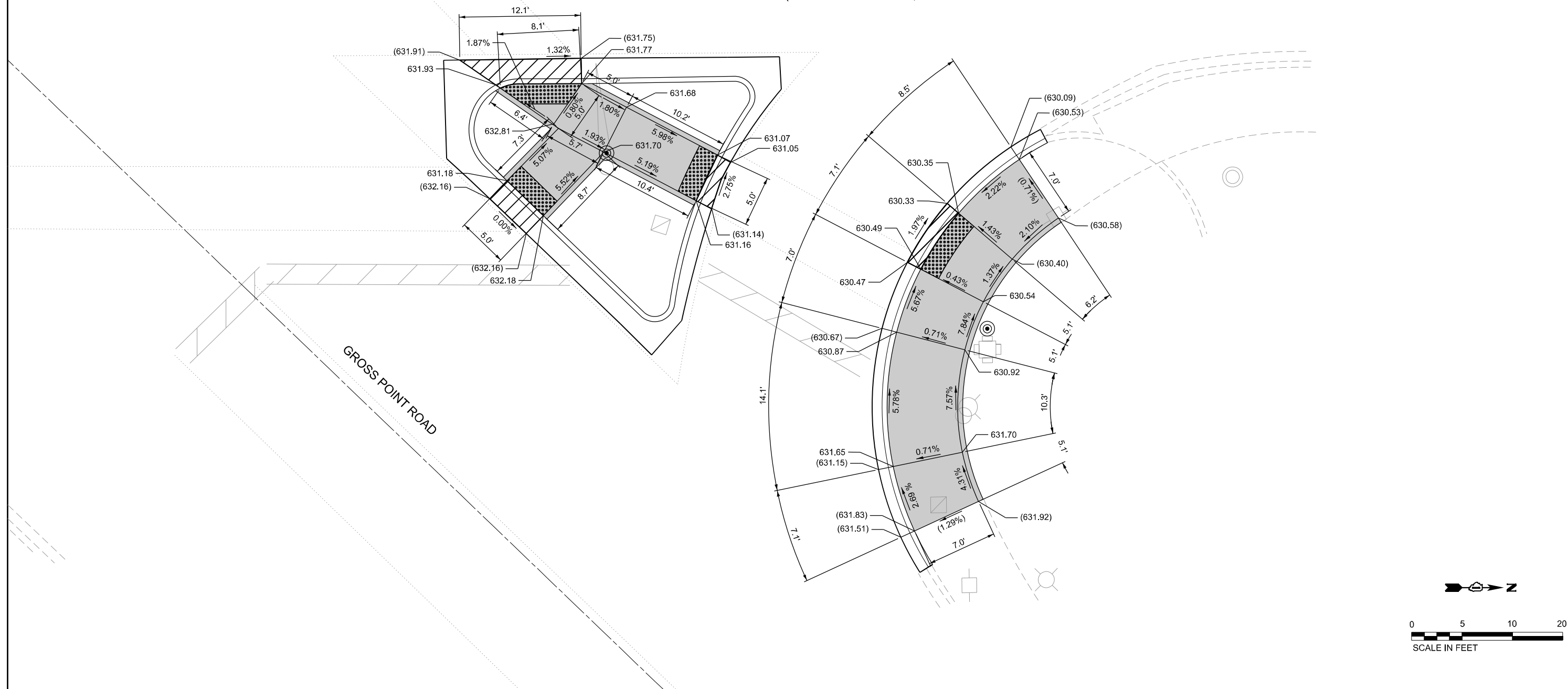
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GROSS POINT ROAD**

SCALE: 1" = 5' SHEET 40 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B22	

IL 50 (SKOKIE BOULEVARD)



LEGEND

- PC CONC SIDEWALK 5, 432 SQ FT
- SIDEWALK REM, 432 SQ FT
- TOPSOIL F & P 4 & SODDING, 0 SQ FT
- SIDEWALK REM, 432 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 135 SQ FT
- DETECTABLE WARNINGS, 46 SQ FT
- DEPRESSED CURB & GUTTER
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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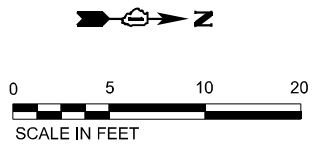
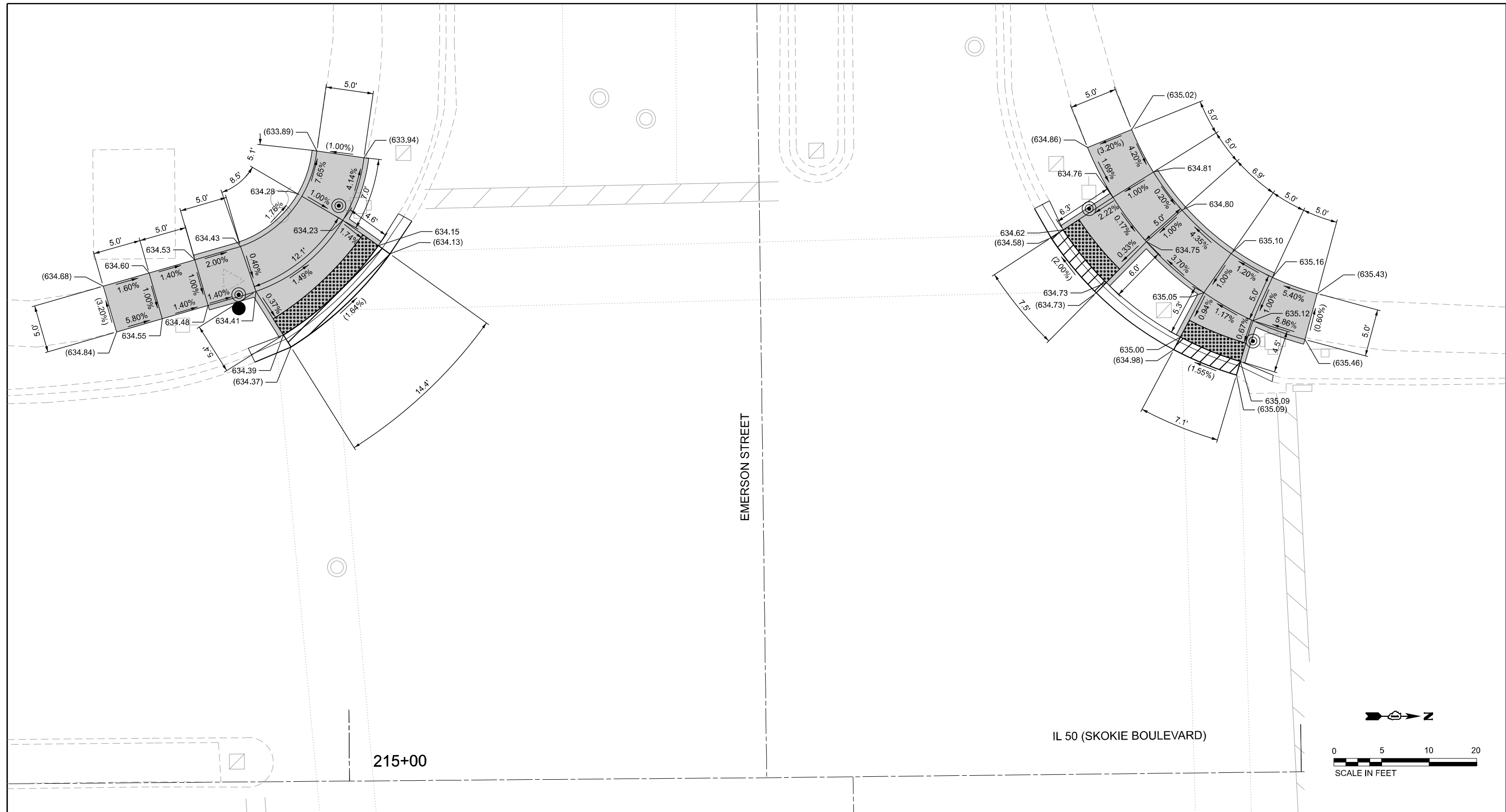
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT GROSS POINT ROAD**

SCALE: 1" = 5' SHEET 42 OF 46 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	67
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 481 SQ FT
SIDEWALK REM, 481 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 481 SQ FT
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS, 54 SQ FT
- DEPRESSED CURB & GUTTER
- CC&G RMVL REPL > 10FT, 54 SQ FT
- EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

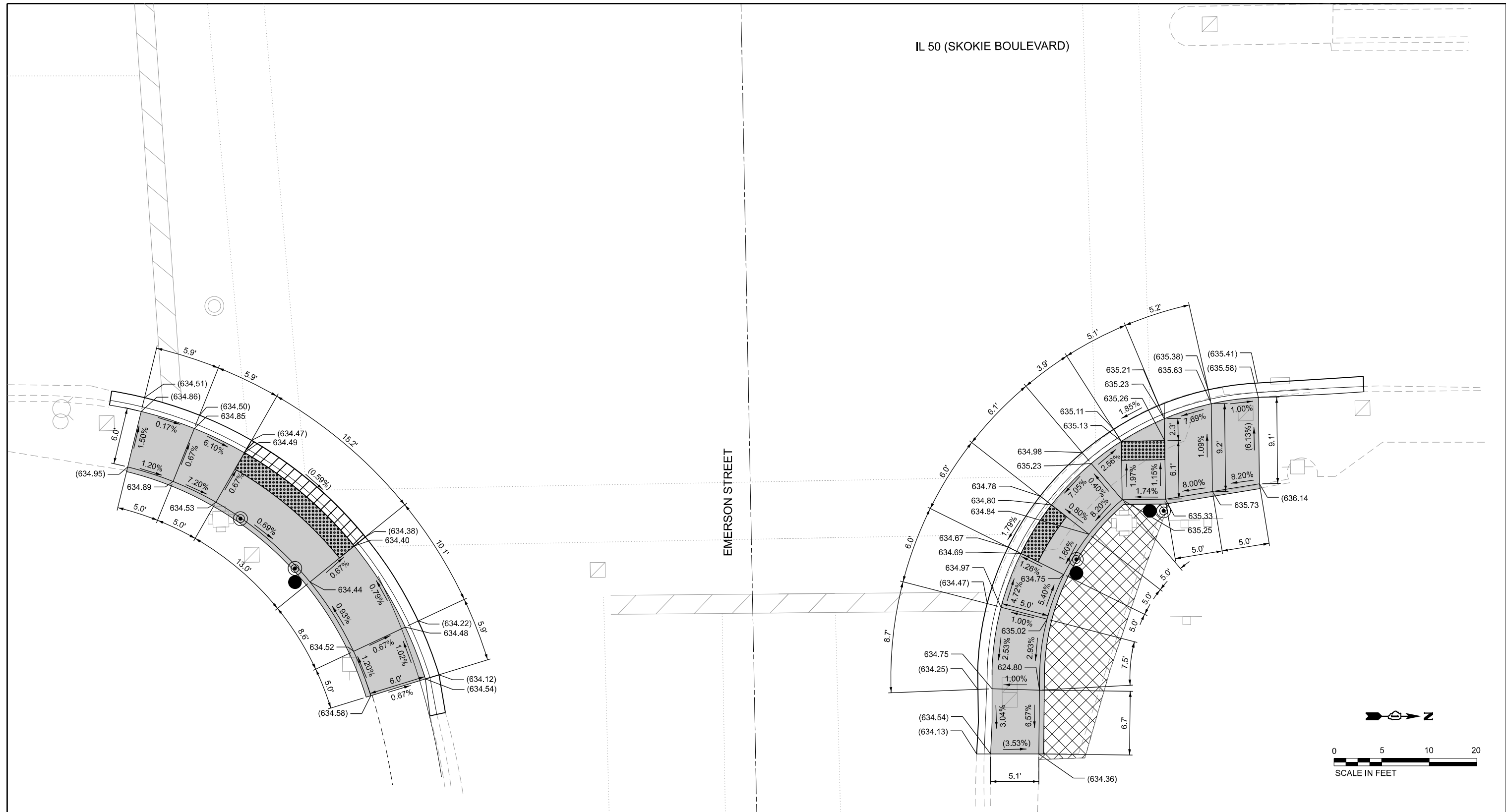
**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT EMERSON STREET**

SCALE: 1" = 5' SHEET 43 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	68
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

IL 50 (SKOKIE BOULEVARD)

EMERSON STREET



LEGEND

- PC CONC SIDEWALK 5, 570 SQ FT
SIDEWALK REM, 744 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 744 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 113 SQ FT
- DETECTABLE WARNINGS, 58 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

REFERENCE BENCHMARK ELEV :

BENCHMARK :

LOCATION :

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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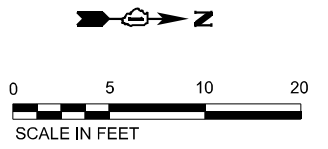
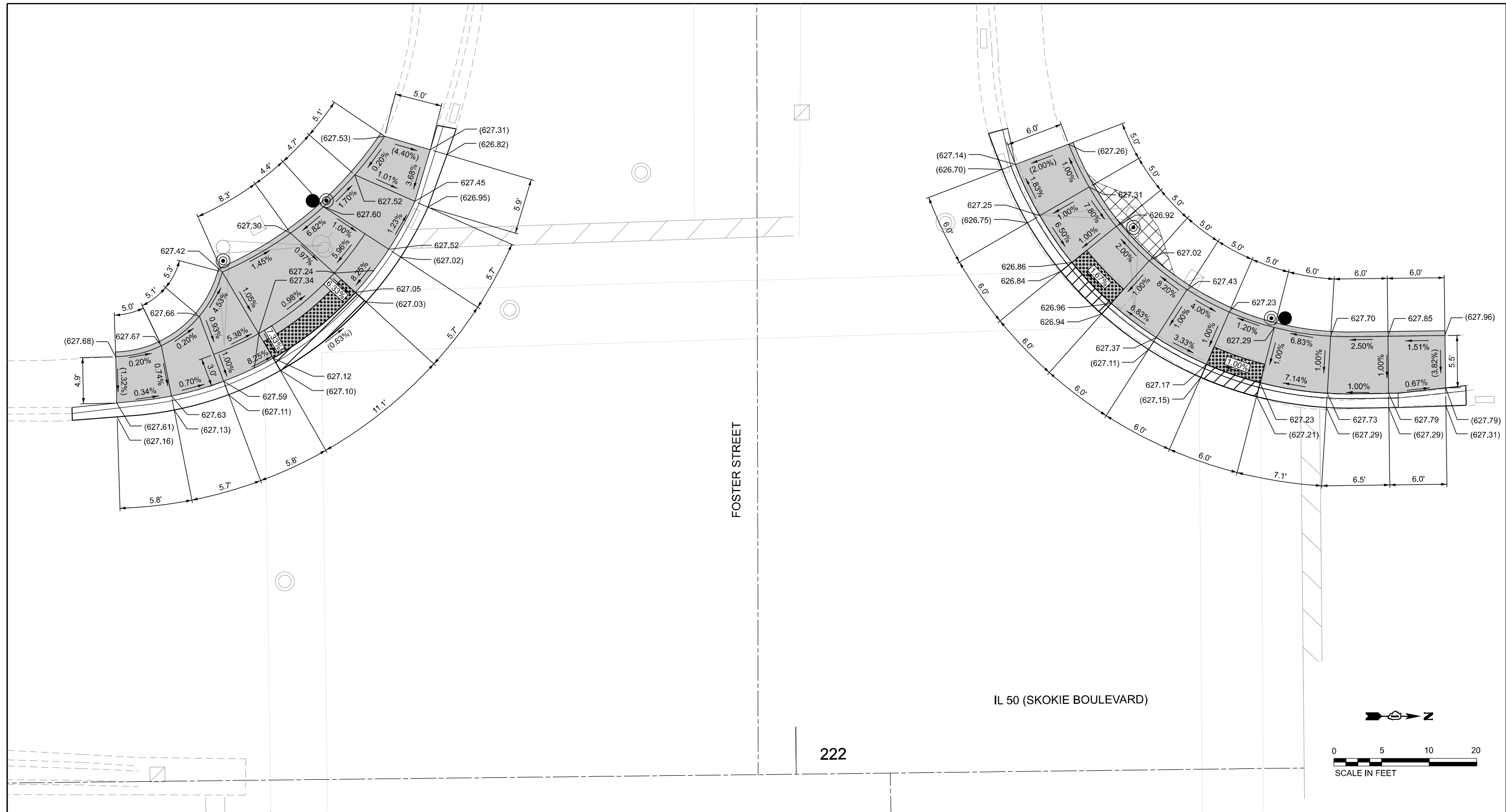
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT EMERSON STREET**

SCALE: 1" = 5' SHEET 44 OF 46 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	69
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



LEGEND

- PC CONC SIDEWALK 5, 665 SQ FT
SIDEWALK REM, 690 SQ FT
- TOPSOIL F & P 4 &
SODDING, 0 SQ FT
SIDEWALK REM, 690 SQ FT
- PROPOSED SIDE CURB
- CC&G RMVL REPL > 10FT, 116 SQ FT
- DETECTABLE WARNINGS, 45 SQ FT
- DEPRESSED CURB & GUTTER
- () EXISTING ELEVATION/SLOPE
- TRAFFIC SIGNAL FOUNDATION
- APS PUSH BUTTON

NOTES

1. ALL REFERENCE POINTS ARE AT EXISTING JOINT LOCATIONS UNLESS OTHERWISE NOTED

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PLOT SCALE = 10.000' / in.	CHECKED - MJJ/CP	REVISED -	
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS
IL 50 / US 41 (SKOKIE BOULEVARD) AT FOSTER STREET**

SCALE: 1" = 5' SHEET 45 OF 46 SHEETS STA. TO STA.

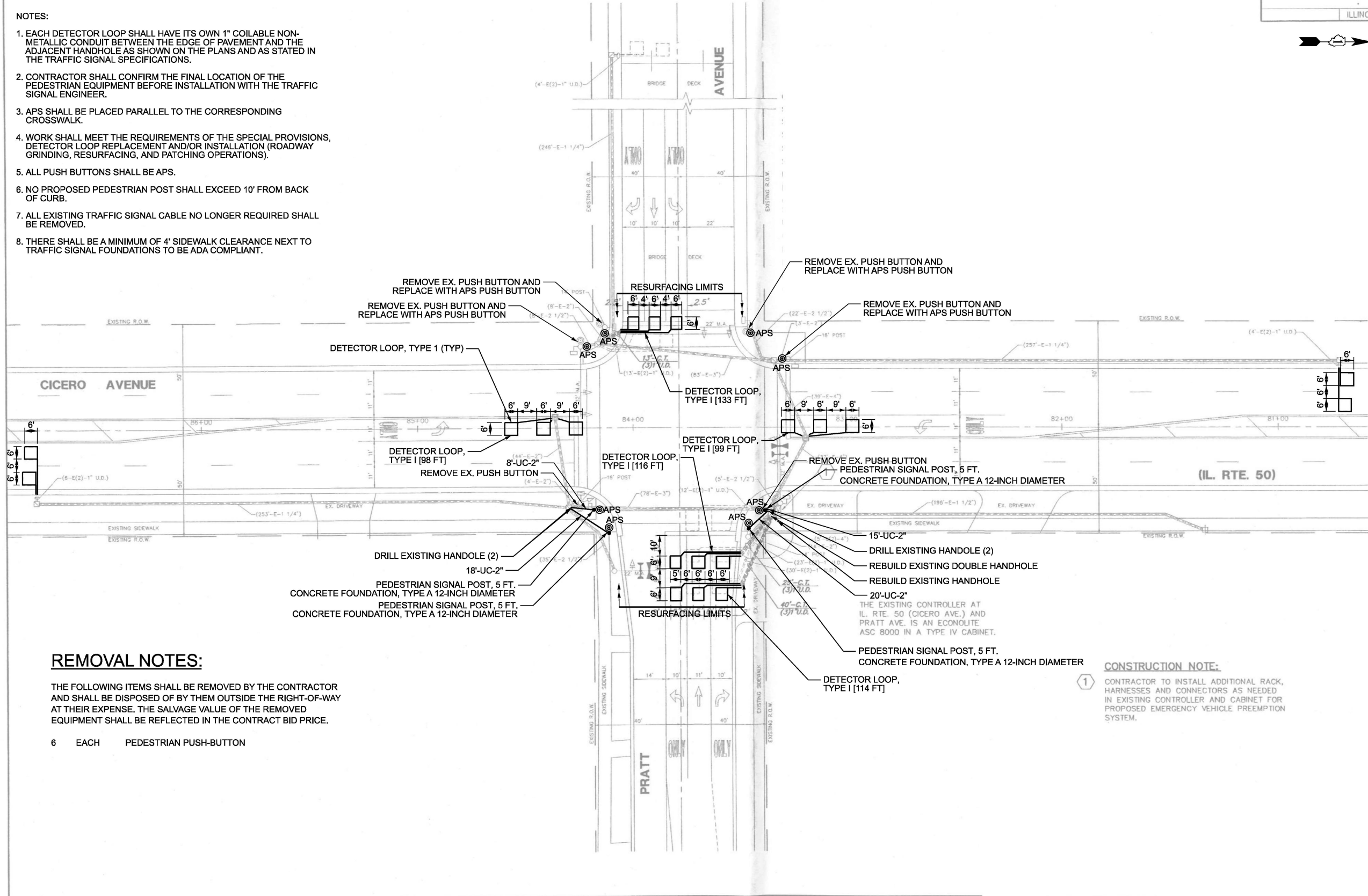
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	70
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

F.A.D. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00046-00-TL	COOK	18	15
ILLINOIS				



NOTES:

- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
- ALL PUSH BUTTONS SHALL BE APS.
- NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 6 EACH PEDESTRIAN PUSH-BUTTON

CONSTRUCTION NOTE:

1 CONTRACTOR TO INSTALL ADDITIONAL RACK, HARNESSES AND CONNECTORS AS NEEDED IN EXISTING CONTROLLER AND CABINET FOR PROPOSED EMERGENCY VEHICLE PREEMPTION SYSTEM.

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	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 1 OF 2)
IL ROUTE 50 (CICERO AVENUE) AND PRATT AVENUE**

SCALE: NTS SHEET 1 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	72
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 2605

SOUTHWEST CORNER

NORTHWEST CORNER

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

IL 50 / US 41 (SKOKIE BOULEVARD)



IL 50 / US 41 (SKOKIE BOULEVARD)

SOUTHEAST CORNER

NORTHEAST CORNER

REMOVE EXISTING PUSH BUTTON

REMOVE EXISTING PUSH BUTTON

8'-UC-2"

INSTALL 5' PED. POST WITH APS PUSH
BUTTON INSTALL NEW 2C CABLE

DRILL EXISTING HANDHOLE (2)

15'-UC-2"

INSTALL 5' PED. POST WITH APS PUSHBUTTON
INSTALL NEW 2C CABLE

DRILL EXISTING HANDHOLE (2)

16'-UC-2"

REBUILD EXISTING DOUBLE HANDHOLE

INSTALL 5' PED. POST WITH APS PUSHBUTTON
INSTALL NEW 2C CABLE

REBUILD EXISTING HANDHOLE

20'-UC-2"

INSTALL 5' PED. POST WITH APS PUSHBUTTON
INSTALL NEW 2C CABLE



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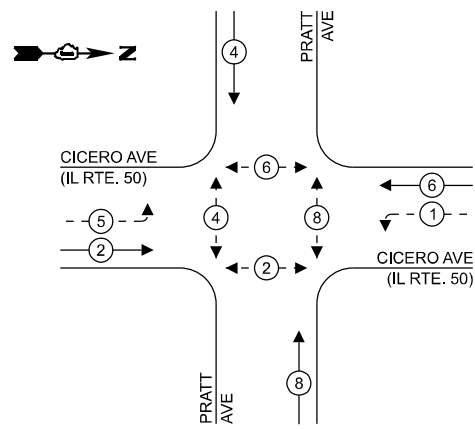
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
IL ROUTE 50 (CICERO AVENUE) AND PRATT AVENUE**

SCALE: 1" = 5' SHEET 2 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	73
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

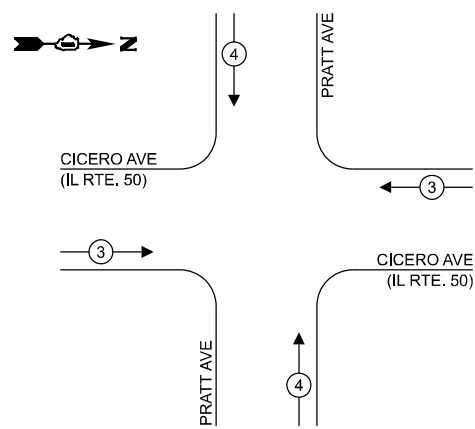
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE

EXISTING/PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

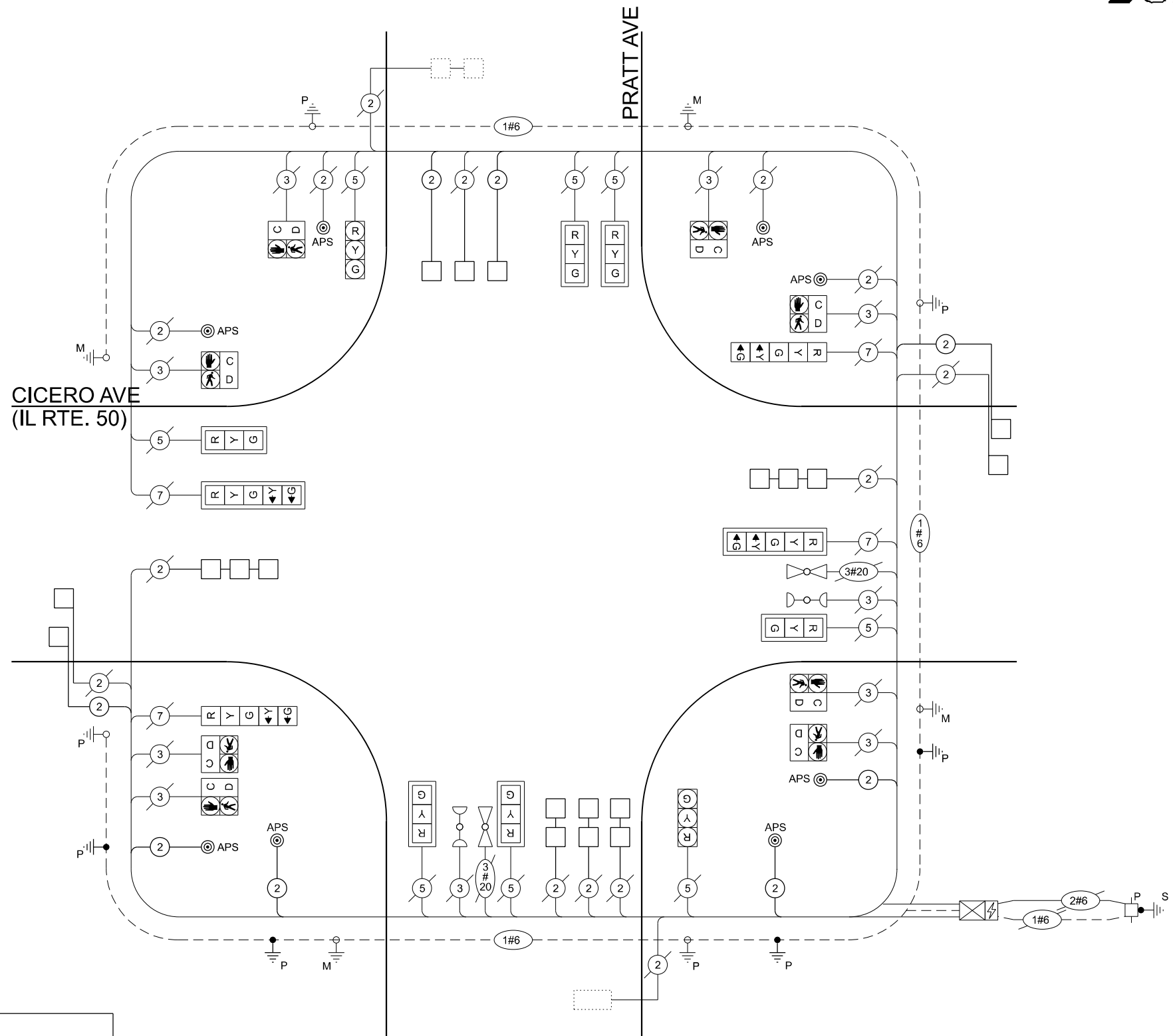


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		435	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,040	

ENERGY COSTS TO:
VILLAGE OF LINCOLNWOOD
 6900 N LINCOLN AVENUE
 LINCOLNWOOD, IL 60712

ENERGY SUPPLY: CONTACT: MIKE LYNCH
 PHONE: (847) 816-5331
 COMPANY: COMED
 ACCOUNT NUMBER: 63113-61222
 METER NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

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DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 4/29/2026

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
IL ROUTE 50 (CICERO AVENUE) AND PRATT AVENUE

SCALE: NTS SHEET 3 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	74
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 2605

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1666
DETECTOR LOOP, TYPE I	FOOT	560
REBUILD EXISTING HANDHOLE	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	61
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	337
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	55
DRILL EXISTING HANDHOLE	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 2605

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

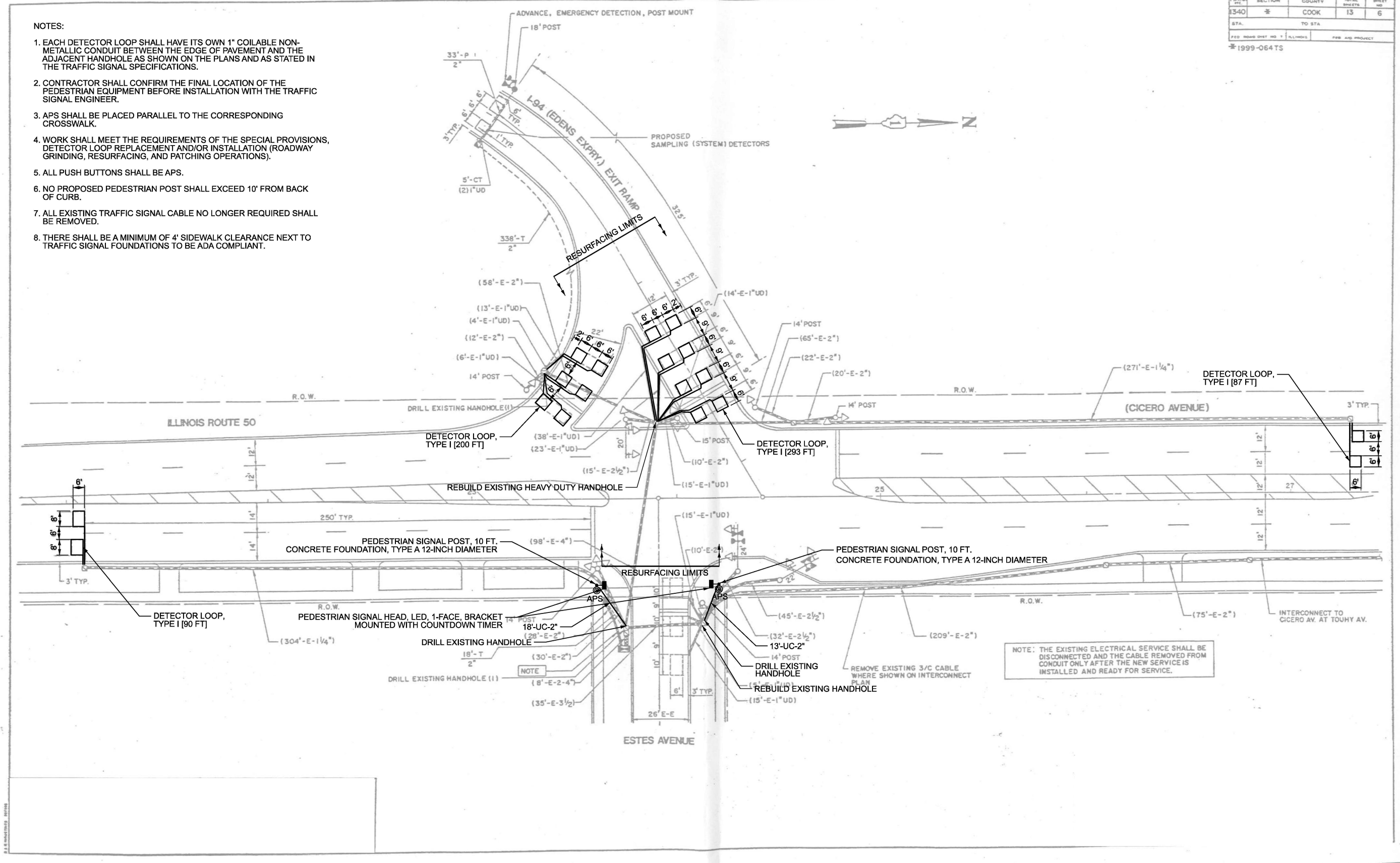
**CABLE PLAN AND PHASE DESIGNATION DIAGRAM
IL ROUTE 50 (CICERO AVENUE) AND PRATT AVENUE**

SCALE: NTS SHEET 17 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	75
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	*	COOK	13	6
STA.	TO STA.			
FED. ROAD DIST. NO. & A.L.L. NO.	FED. AID PROJECT			
*1999-064 TS				

- NOTES:
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
 - CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
 - APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
 - WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
 - ALL PUSH BUTTONS SHALL BE APS.
 - NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
 - ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
 - THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



NOTE: THE EXISTING ELECTRICAL SERVICE SHALL BE DISCONNECTED AND THE CABLE REMOVED FROM CONDUIT ONLY AFTER THE NEW SERVICE IS INSTALLED AND READY FOR SERVICE.

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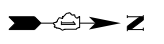
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 1 OF 2)
IL ROUTE 50 (CICERO AVENUE) AND ESTES AVENUE

SCALE: NTS SHEET 5 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	76
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 65



61

62

IL 50 / US 41 (SKOKIE BOULEVARD)

ESTES AVENUE

APS

APS

INSTALL 10' PED. POST WITH APS PUSHBUTTON AND PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
INSTALL NEW 2C CABLE
INSTALL NEW 3C CABLE

INSTALL 10' PED. POST WITH APS PUSHBUTTON AND PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
INSTALL NEW 2C CABLE
INSTALL NEW 3C CABLE

DRILL EXISTING HANDHOLE

DRILL EXISTING HANDHOLE



MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

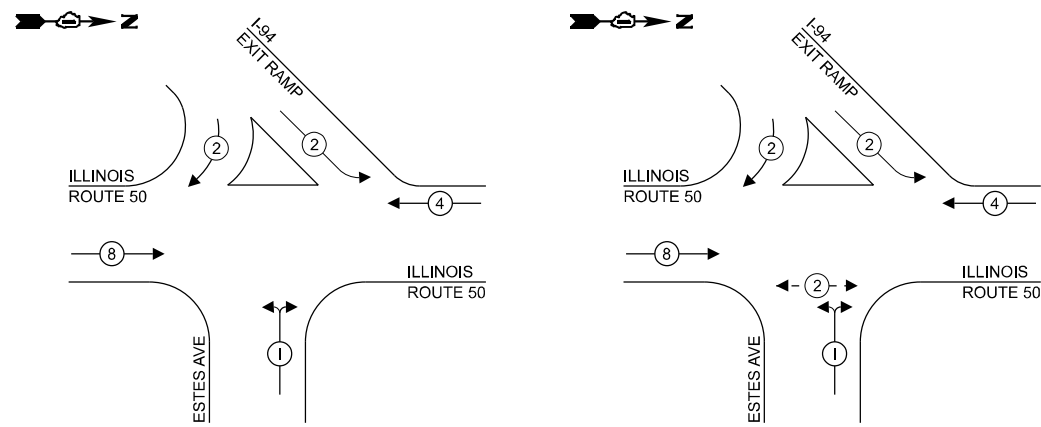
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
IL ROUTE 50 (CICERO AVENUE) AND ESTES AVENUE

SCALE: 1" = 5' SHEET 6 OF 44 SHEETS STA. TO STA.

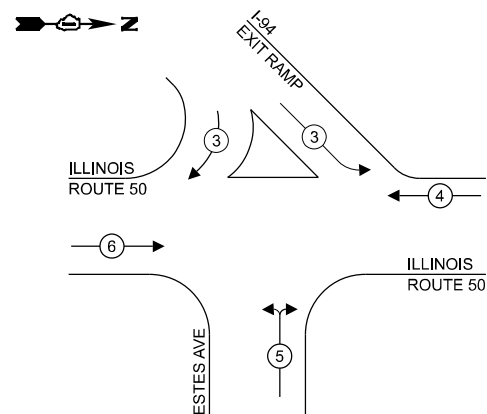
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	77
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE PROPOSED CONTROLLER SEQUENCE

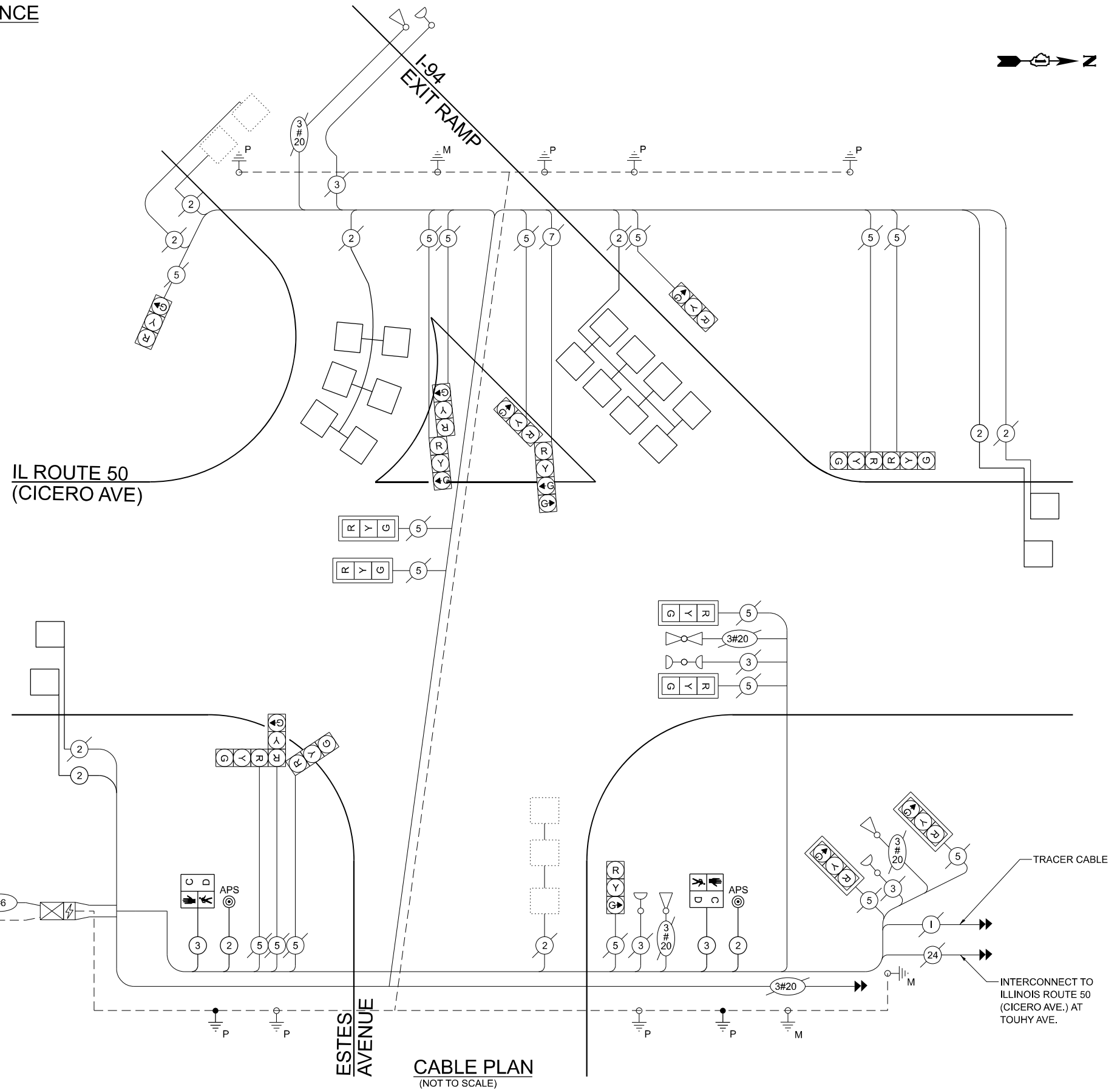


EXISTING/PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE LEGEND:

- ⊛ — PROTECTED PHASE
- ← ⊛ — PROTECTED/PERMITTED PHASE
- ⊛ — PEDESTRIAN PHASE
- ⊛ — OL — OVERLAP



IL ROUTE 50 (CICERO AVE)



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	17	11	187
4-SECTION	1	14	14
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	2	15	30
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		406	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,011	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 85890-51222
 METER NUMBER: ---

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DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 4/29/2026

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
IL ROUTE 50 (CICERO AVENUE) AND ESTES AVENUE

SCALE: NTS SHEET 7 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	78
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 65

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	793
DETECTOR LOOP, TYPE I	FOOT	670
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	31
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	122
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	122
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	37
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 65

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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
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PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -

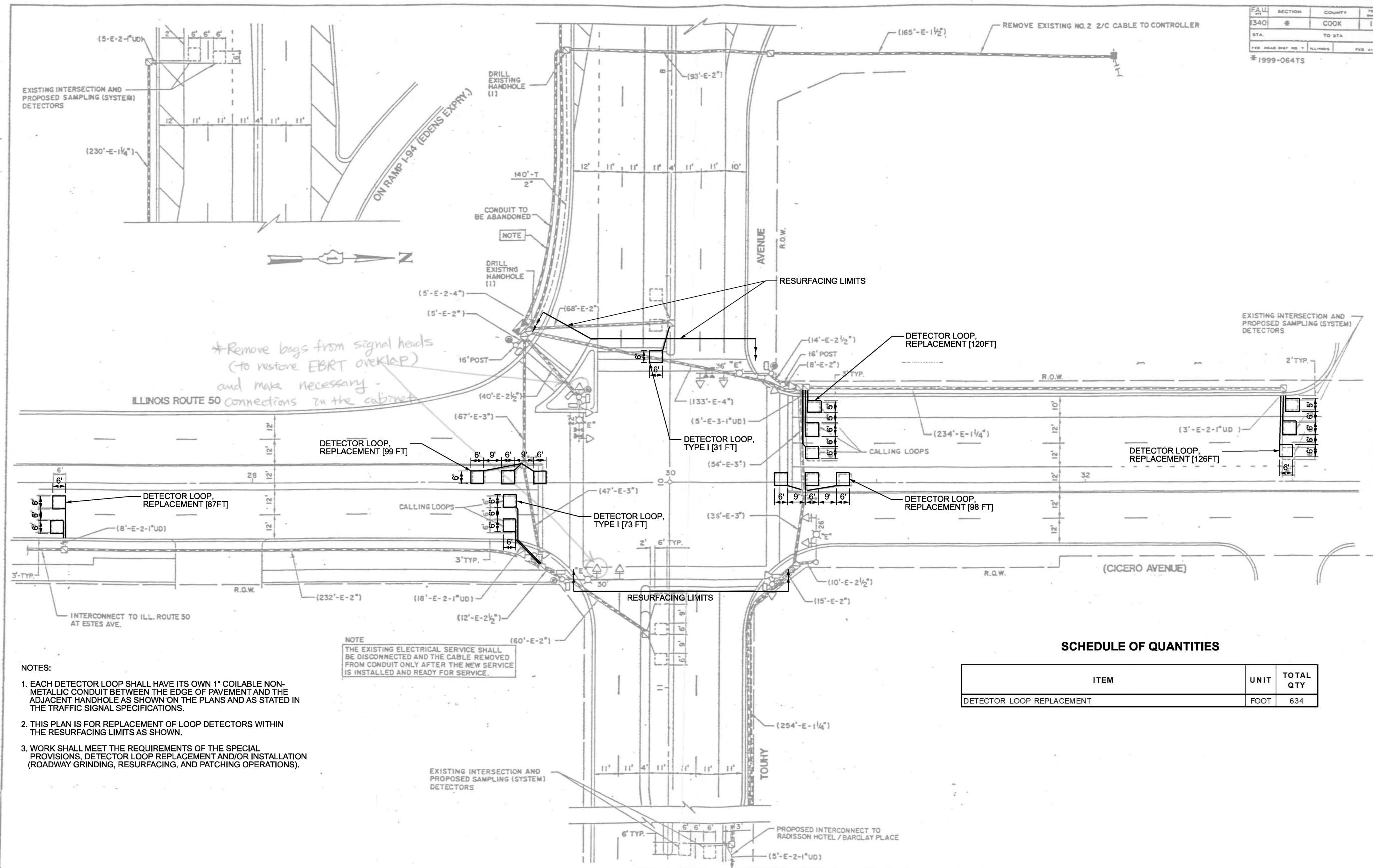
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
IL ROUTE 50 (CICERO AVENUE) AND ESTES AVENUE**

SCALE: NTS SHEET 8 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	79
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	#	COOK	13	8
STA.	TO STA.			
FED. ROAD DIST. NO. 7	AL. PROJ. NO.	FED. AID PROJECT		
* 1999-064TS				



*Remove bags from signal heads (to restore EBRT overlap) and make necessary connections in the cabinet.

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

NOTE
THE EXISTING ELECTRICAL SERVICE SHALL BE DISCONNECTED AND THE CABLE REMOVED FROM CONDUIT ONLY AFTER THE NEW SERVICE IS INSTALLED AND READY FOR SERVICE.

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	634

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PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT
IL ROUTE 50 (CICERO AVENUE) AND TOUHY AVENUE**

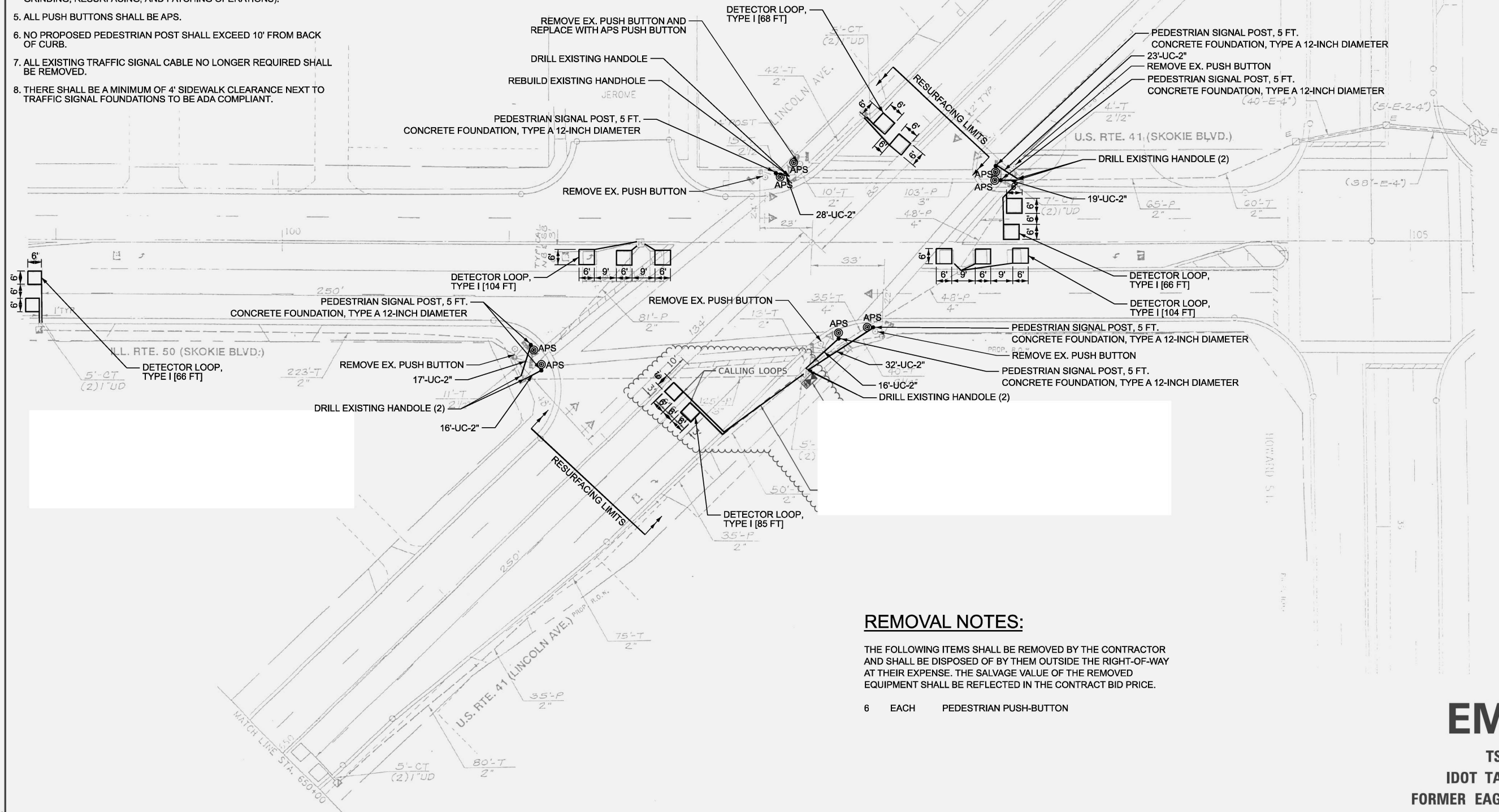
SCALE: NTS SHEET 9 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	80
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 2625

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

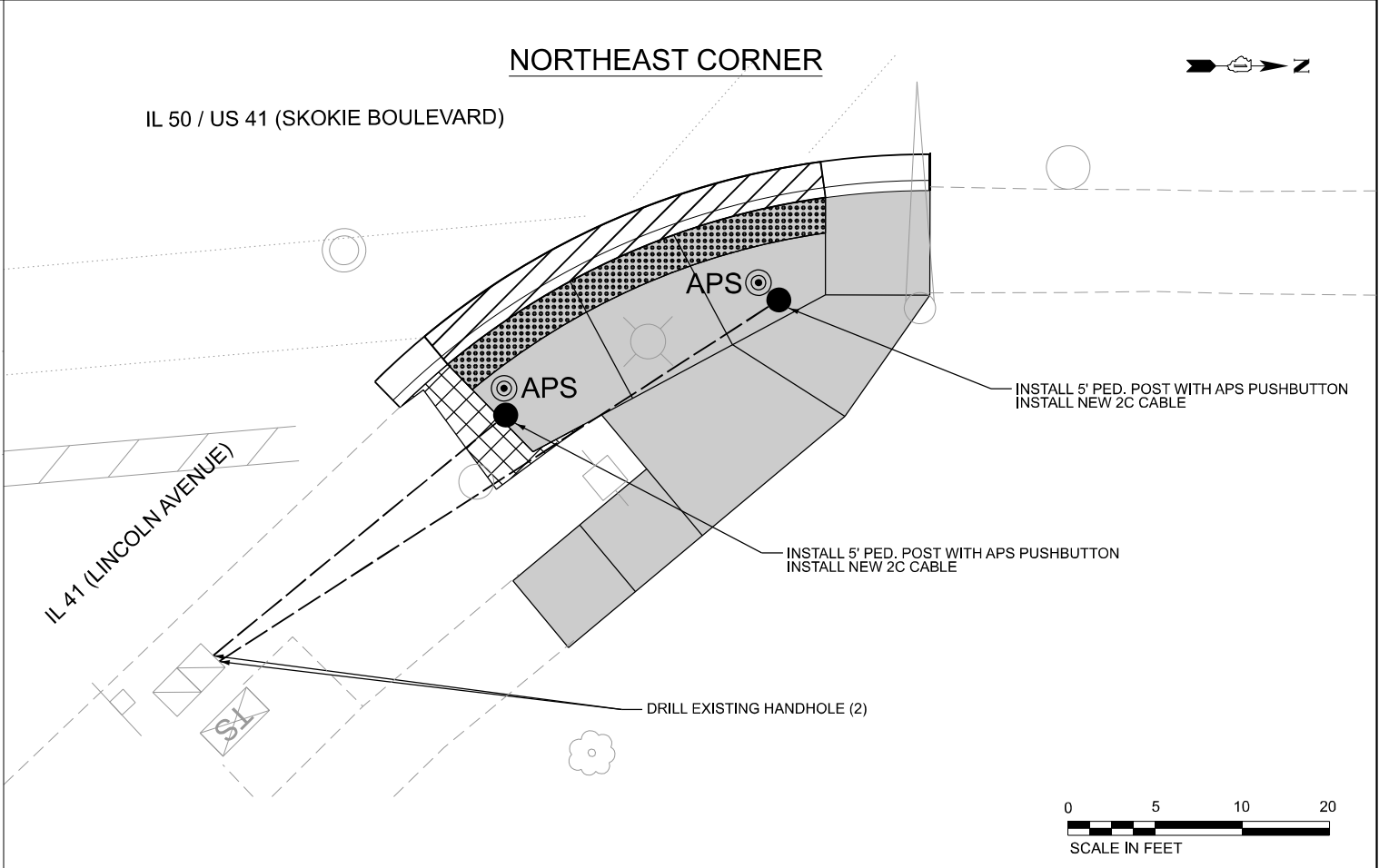
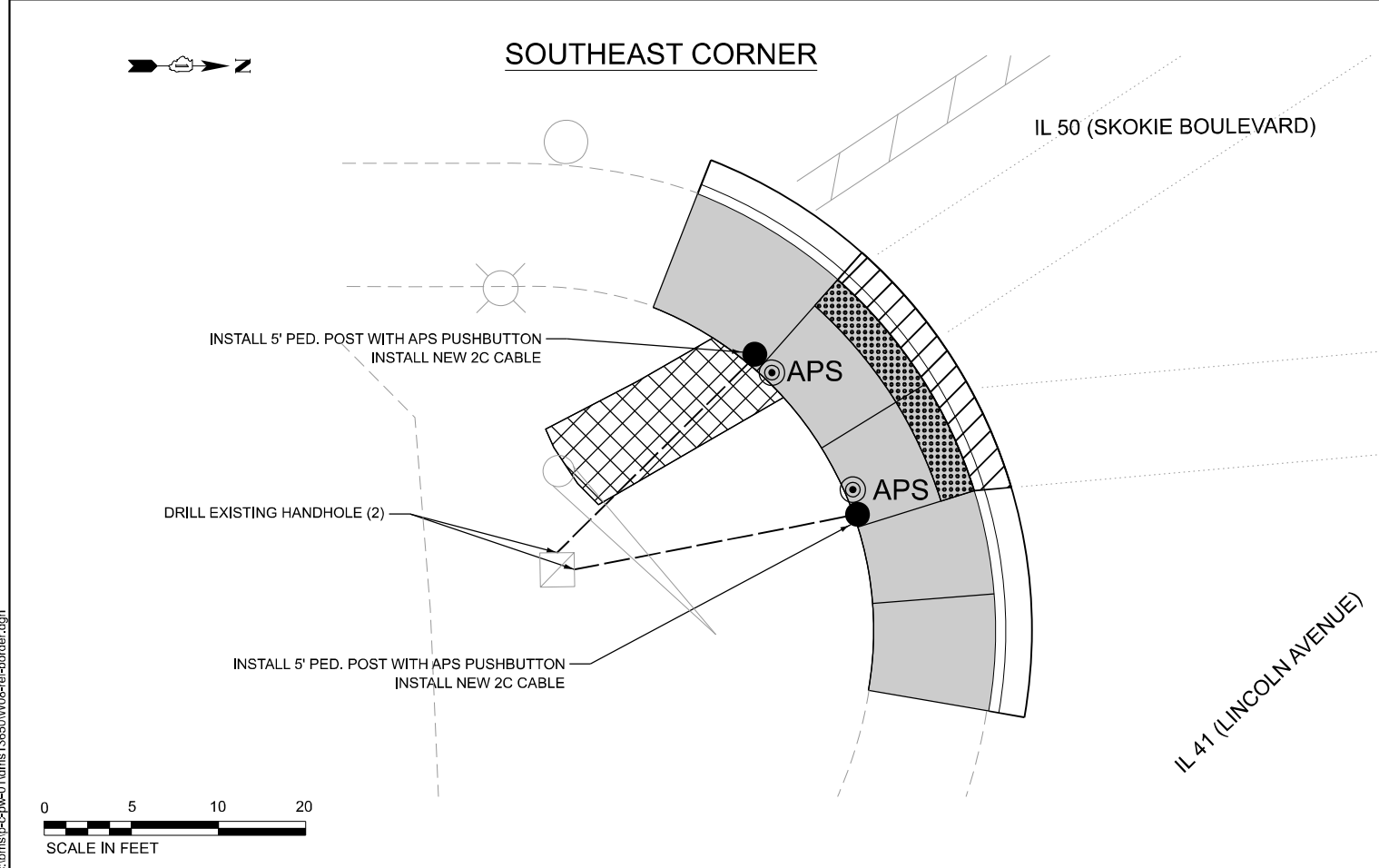
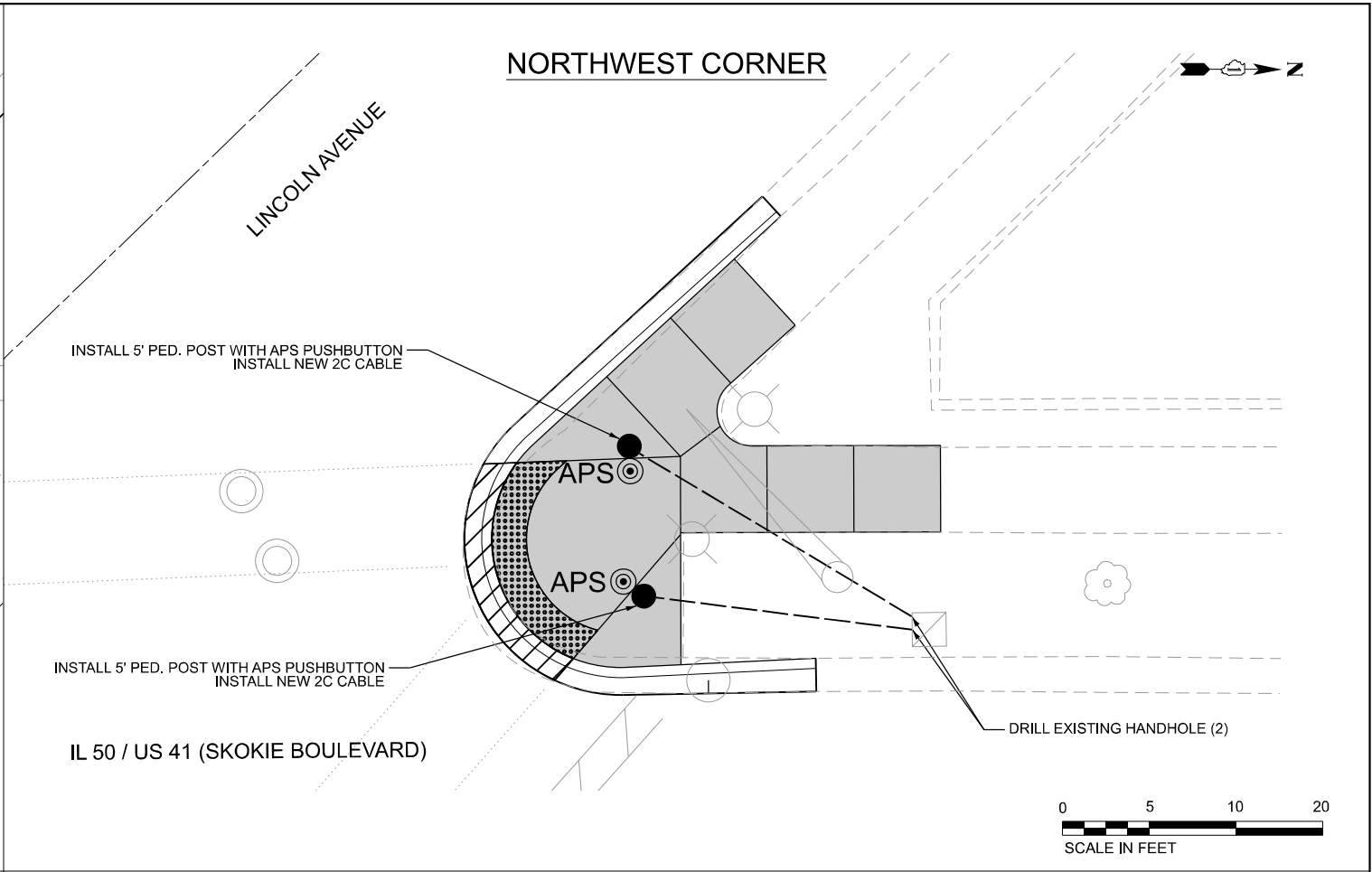
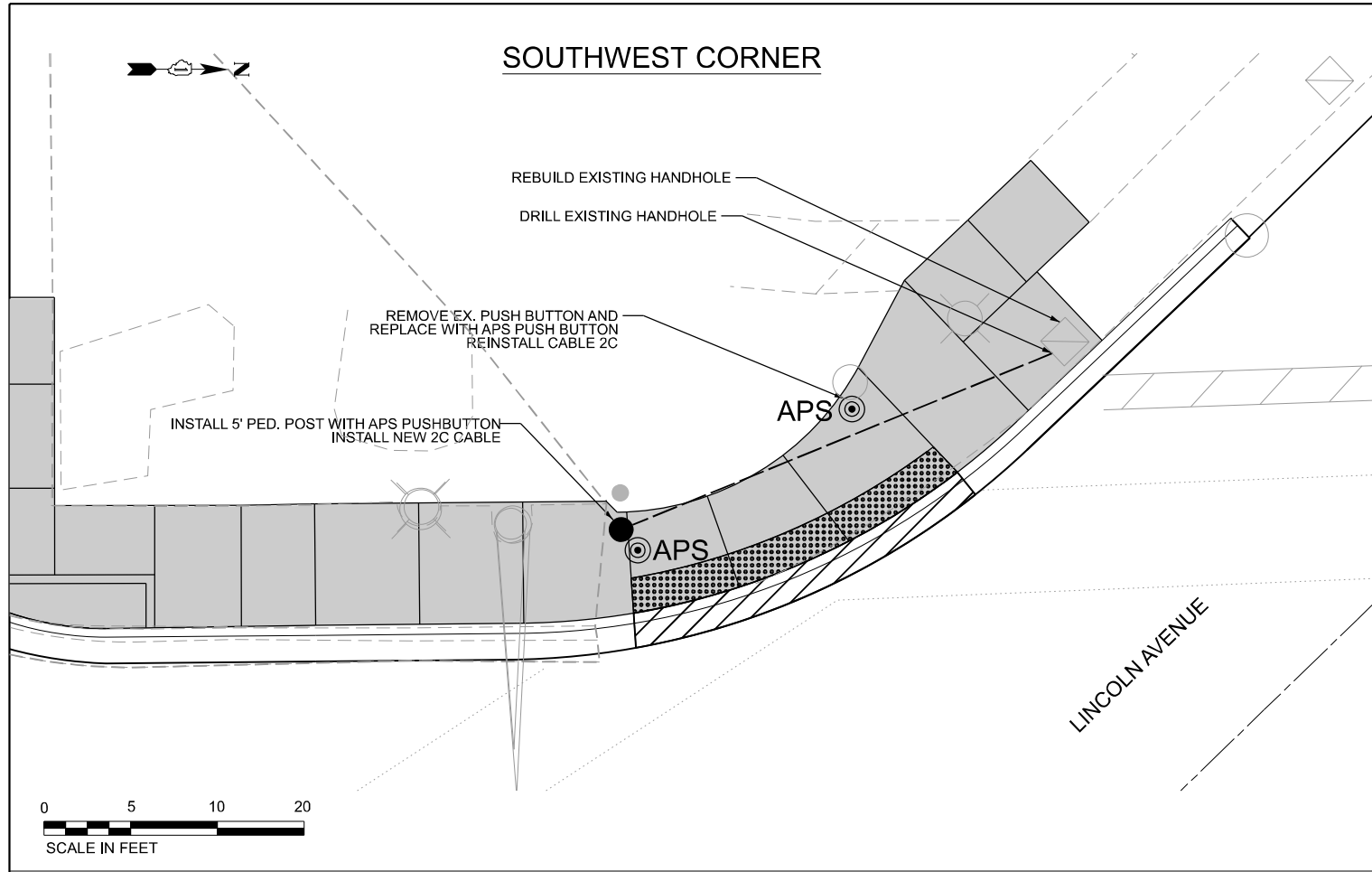
- 6 EACH PEDESTRIAN PUSH-BUTTON

EMC
 TS 1485
 IDOT TACTICS
 FORMER EAGLE 4G

	USER NAME =	DESIGNED - EEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EMC PLANS US RTE 41 (SKOKIE BLVD) AT LINCOLN AVE - TS 1485	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - EEC	REVISED -									
	PLOT SCALE =	CHECKED - G/JG	REVISED -								
	PLOT DATE =	DATE - 09/05/2023	REVISED -								

	USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APS AND DETECTOR LOOP REPLACEMENT IL ROUTE 50 (SKOKIE BLVD) AND US ROUTE 41 (LINCOLN AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - CPM/CA	REVISED -									
	PLOT SCALE = 40,000' / in.	CHECKED - MJJ/CP	REVISED -								
	PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -								

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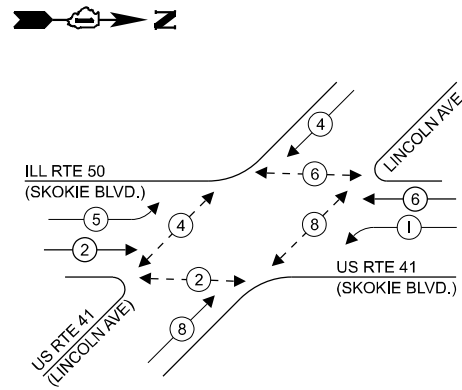
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APS AND DETECTOR LOOP REPLACEMENT (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BOULEVARD) AND LINCOLN AVENUE**

SCALE: 1" = 5' SHEET 11 OF 44 SHEETS STA. TO STA.

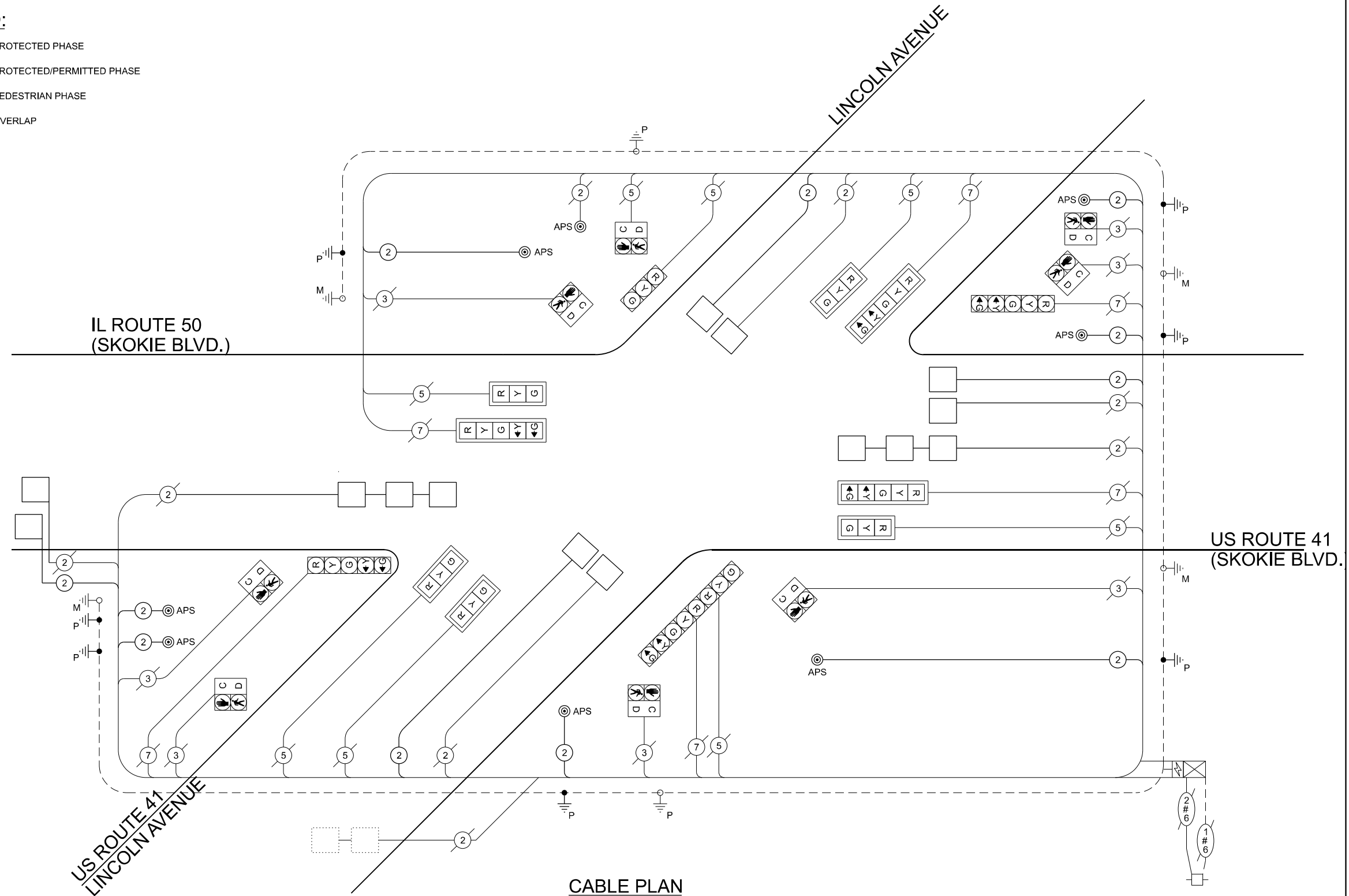
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	82
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		450	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,055	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 87002-20100
 METER NUMBER: ---

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DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 4/29/2026

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
IL ROUTE 50 (SKOKIE BOULEVARD) AND US ROUTE 41 (LINCOLN AVENUE)

SCALE: NTS SHEET 13 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	83
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1485
EAGLE 4G

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	681
DETECTOR LOOP, TYPE I	FOOT	493
REBUILD EXISTING HANDHOLE	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	151
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1039
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	172
DRILL EXISTING HANDHOLE	EACH	7
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	7
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	28
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

**TS 1485
EAGLE 4G**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

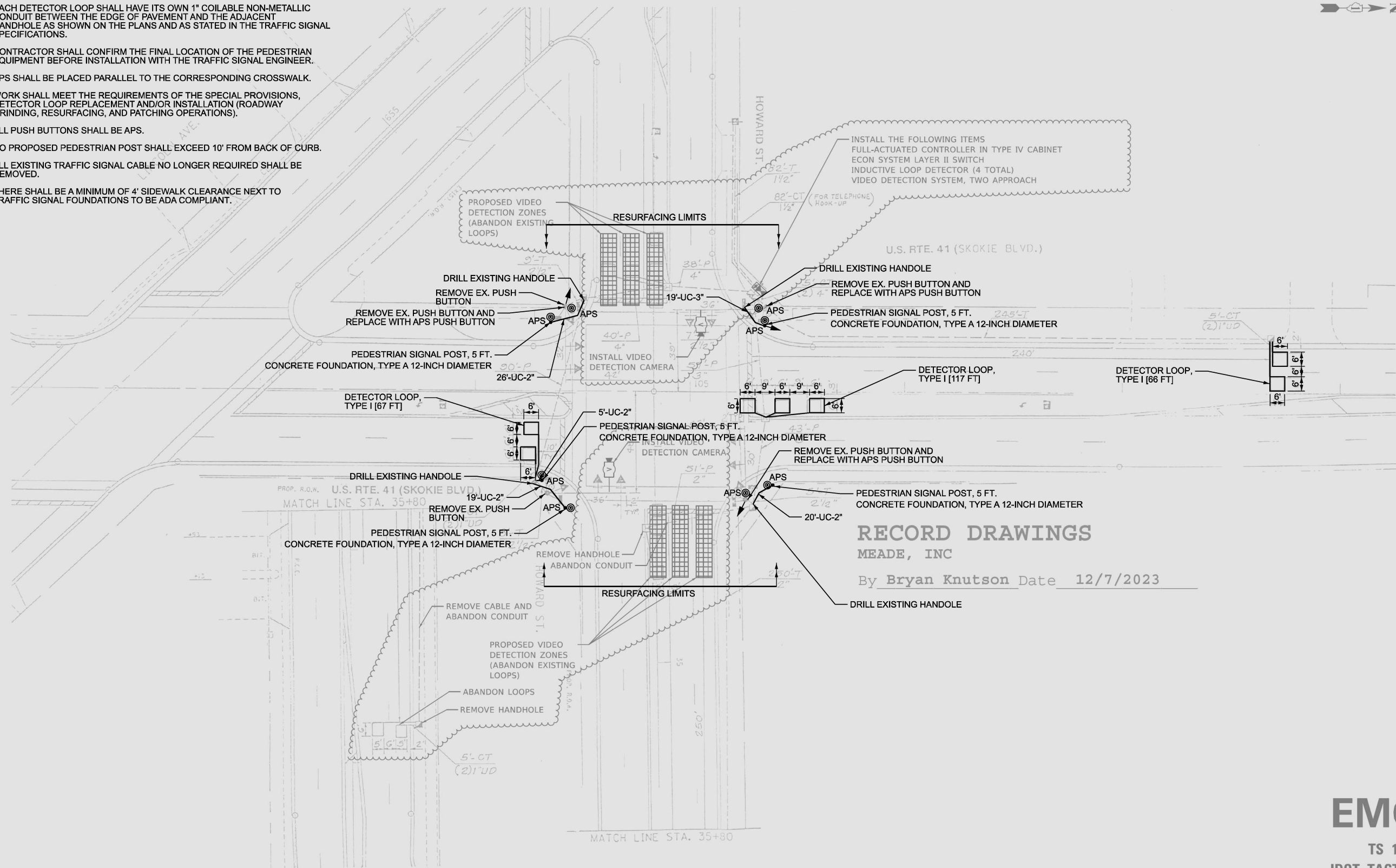
**CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BOULEVARD) AND LINCOLN AVENUE**

SCALE: SHEET 10 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	84
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



RECORD DRAWINGS
 MEADE, INC
 By Bryan Knutson Date 12/7/2023

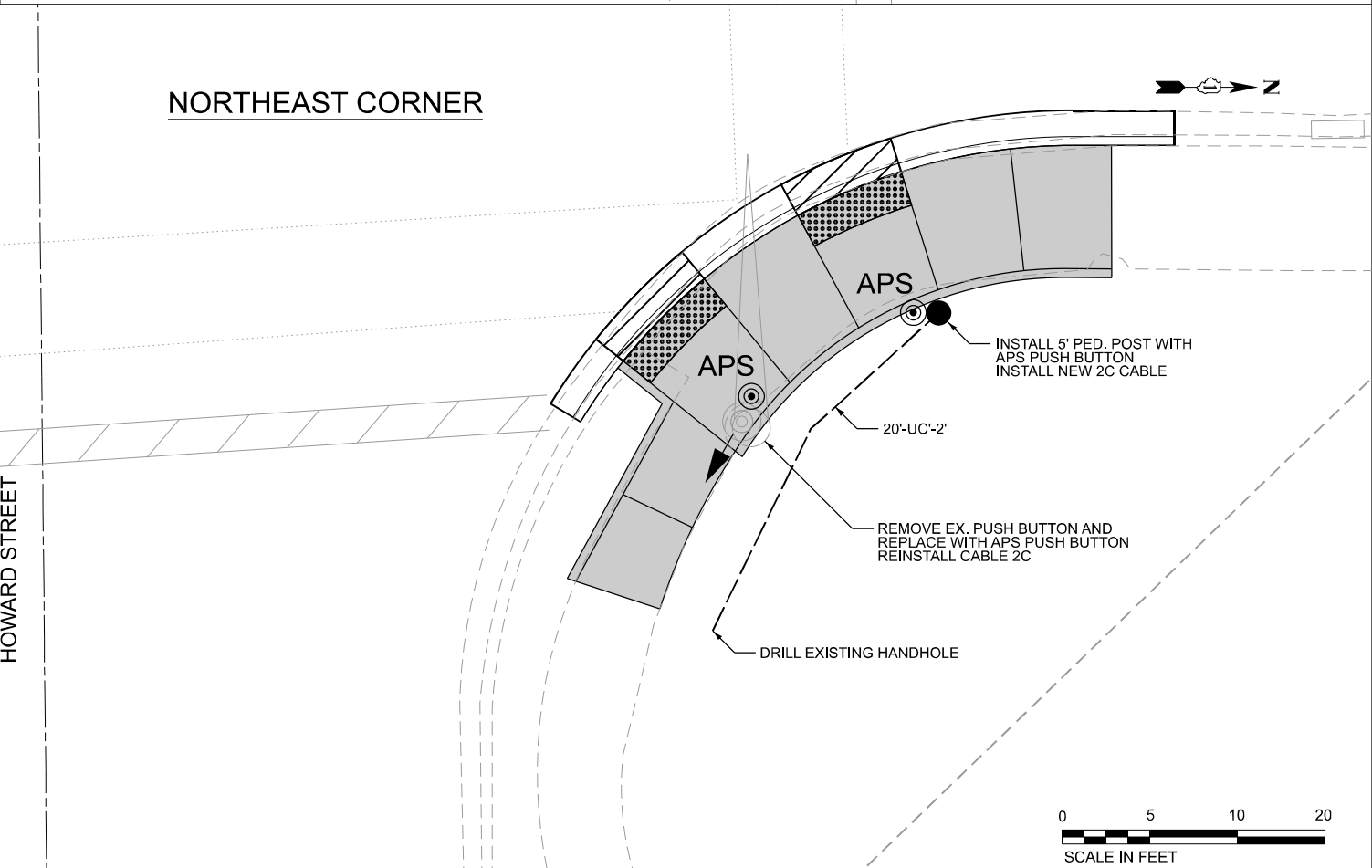
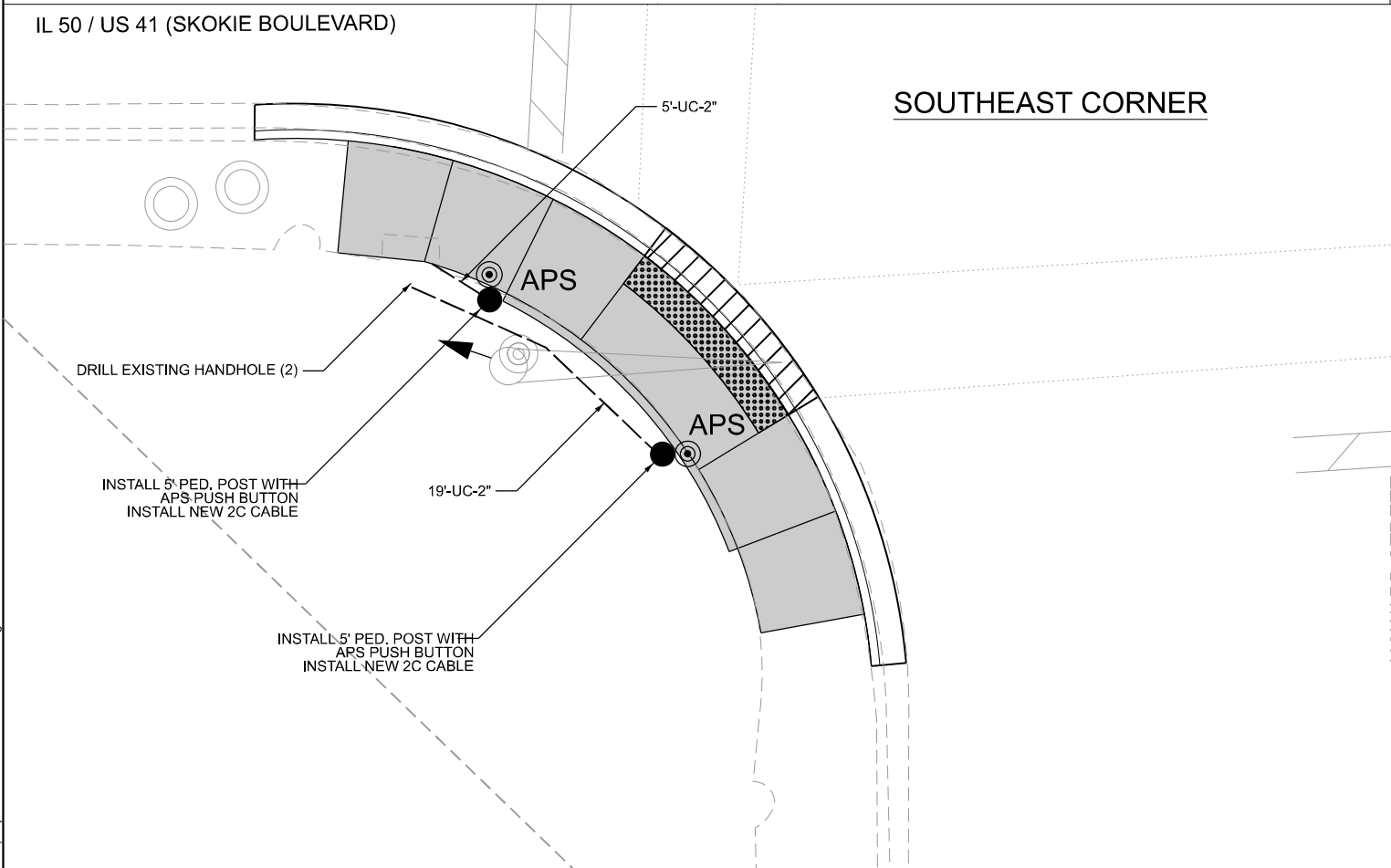
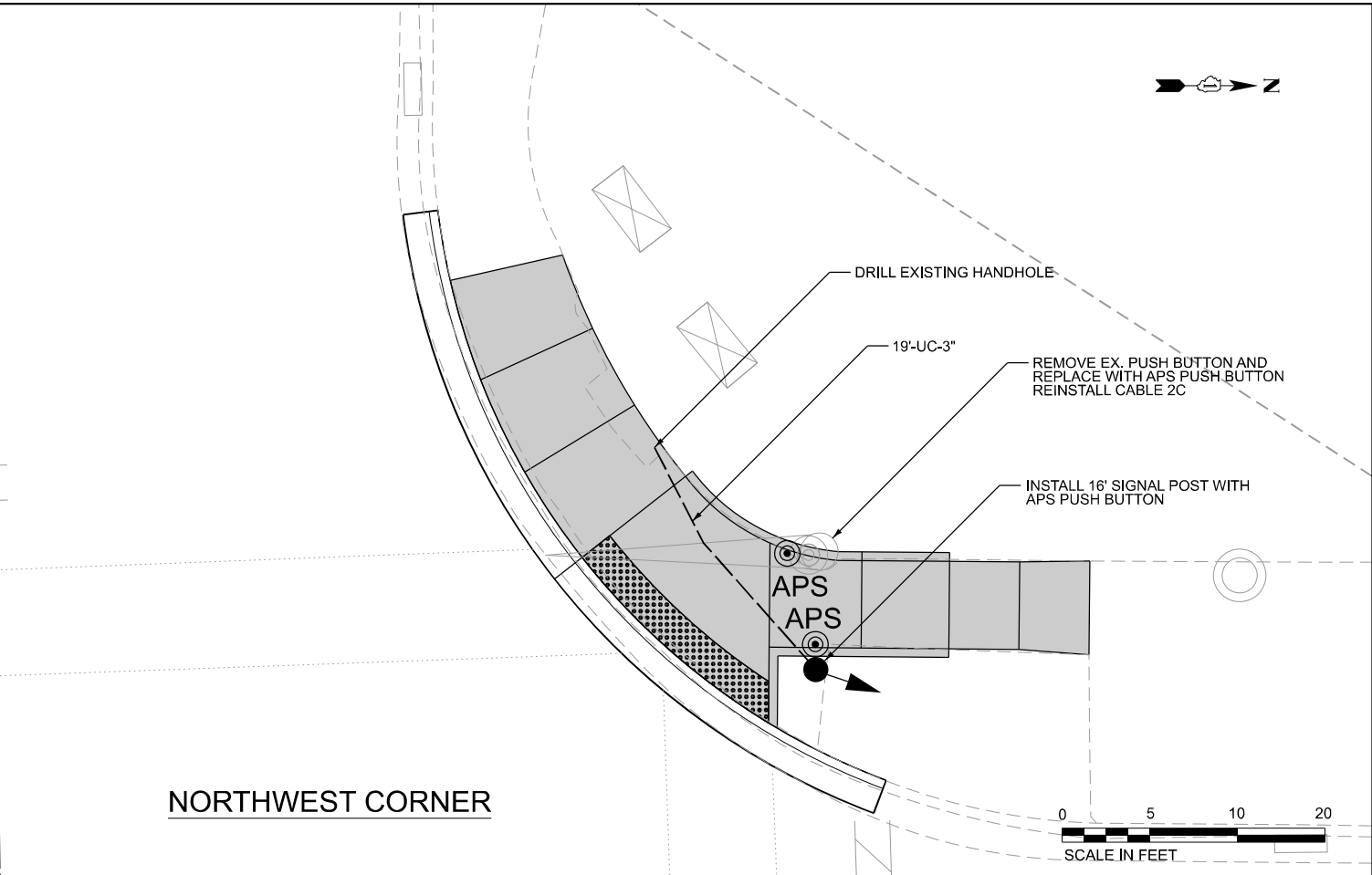
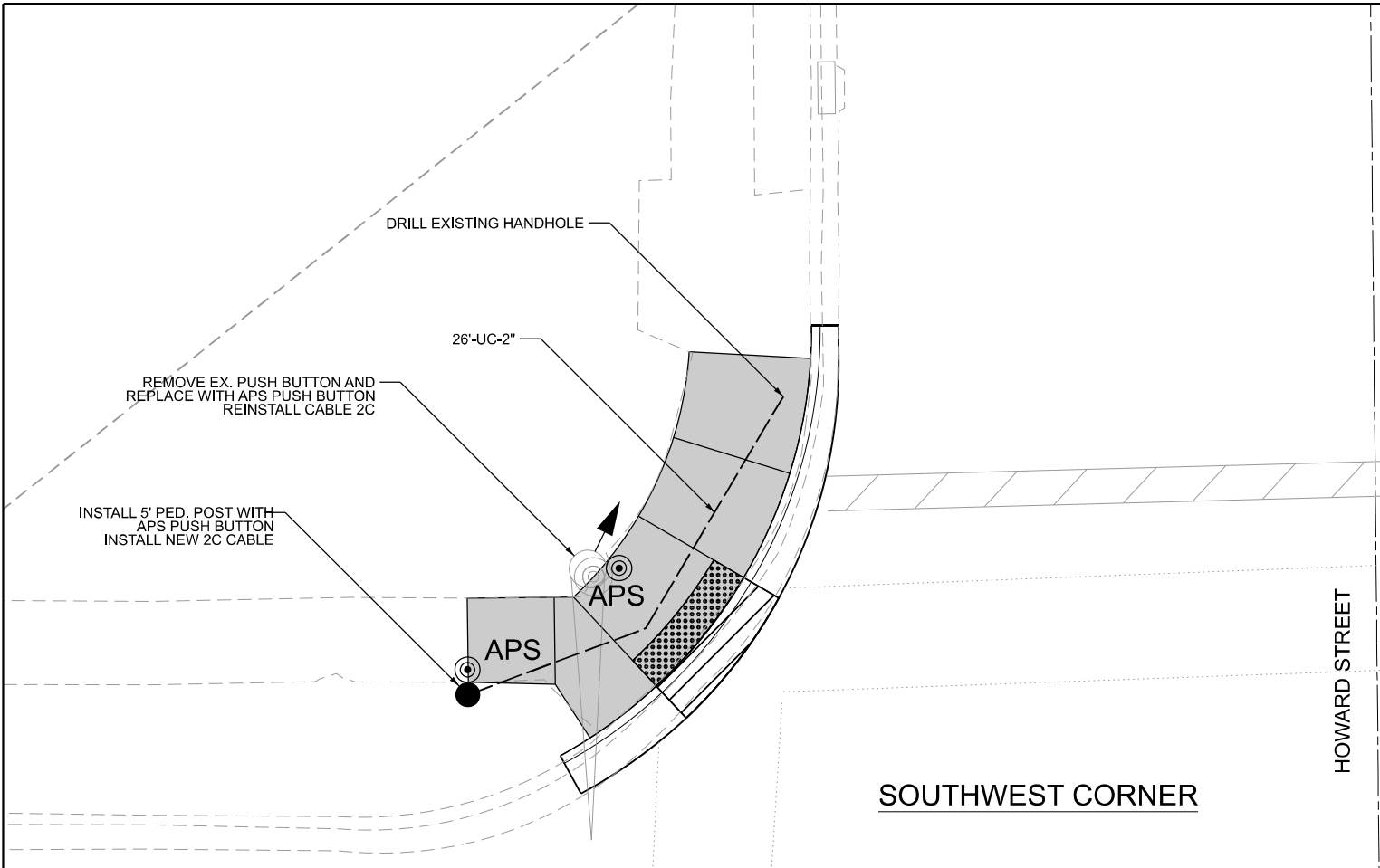
EMC
 TS 1540
 IDOT TACTICS
 FORMER EAGLE 4G

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	PLOT SCALE =	DRAWN - EEC	REVISED -			350		COOK	7	3
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		DATE - 09/05/2023	REVISED -		SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

	USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT (SHEET 1 OF 2) US ROUTE 41 (SKOKIE BLVD) AND HOWARD ST	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.000' / in.	DRAWN - CPM/CA	REVISED -			350	2025-2001-RS	COOK	141	85
	PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -		SCALE: NTS	ILLINOIS		CONTRACT NO. 80B22		
		DATE - 4/29/2026	REVISED -		SHEET 14 OF 44 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

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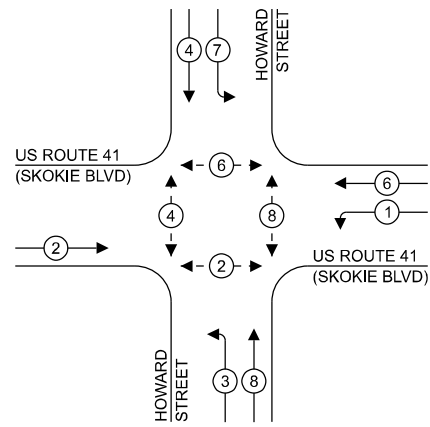
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND HOWARD ST

SCALE: 1" = 5' SHEET 15 OF 44 SHEETS STA. TO STA.

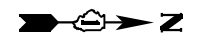
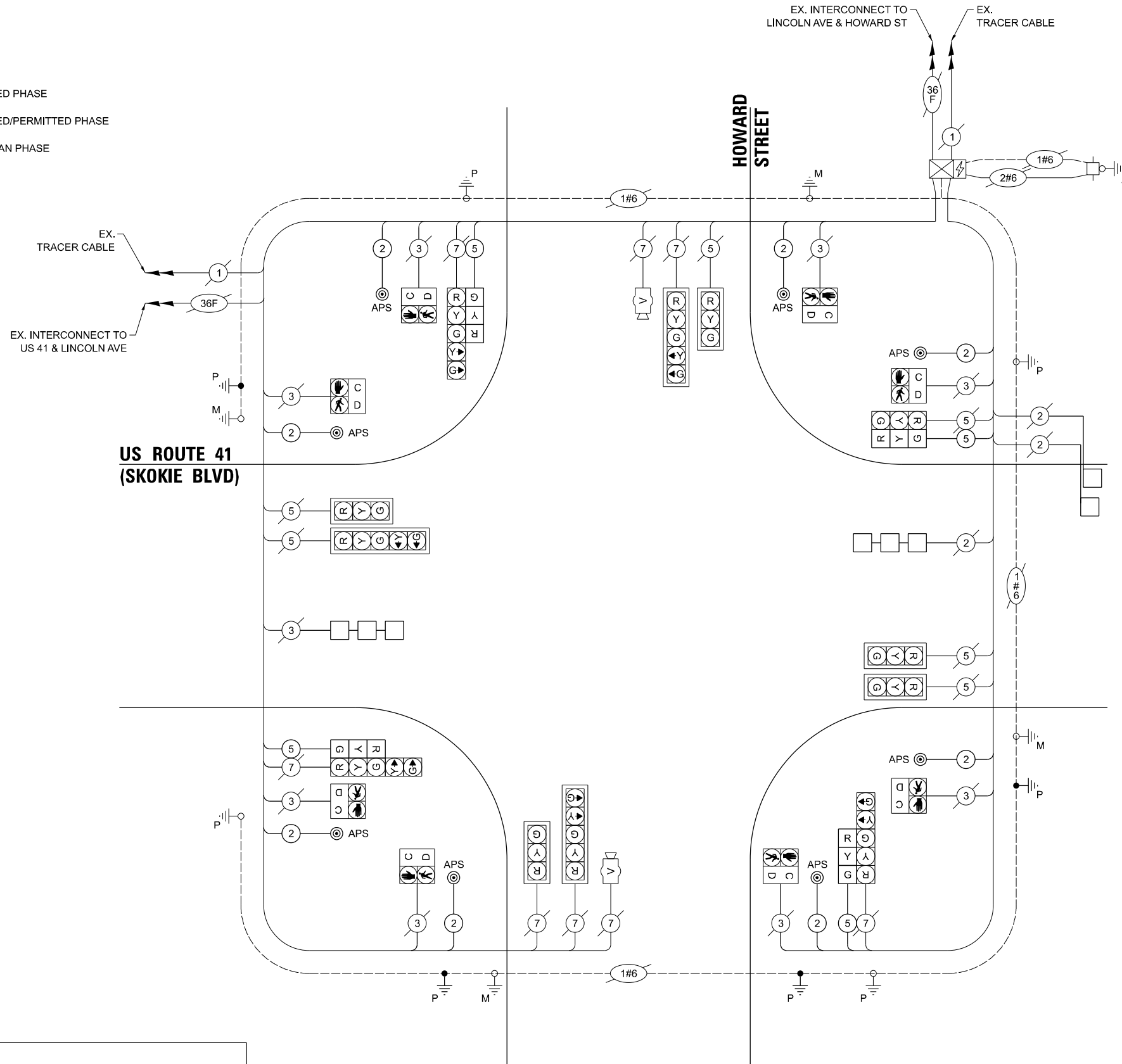
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	86
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING		507	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	2	15	30
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING		2,072	

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 85890-51222
 METER NUMBER: ---

CABLE PLAN
(NOT TO SCALE)

MODEL: TS Sheets
FILE NAME: c:\bms\p-cpm-01\dms13650\W08-04-border.dgn



USER NAME = (USERNAME)
 PLOT SCALE = 40,000' / in.
 PLOT DATE = 3/19/2026

DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 3/19/2026

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND HOWARD ST

SCALE: NTS SHEET 16 OF 44 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	87
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1520

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	250
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1113
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	104
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	19
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	548
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1540

MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
PLOT SCALE = 40.000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND HOWARD ST**

SCALE: NTS SHEET 8 OF 44 SHEETS STA. TO STA.

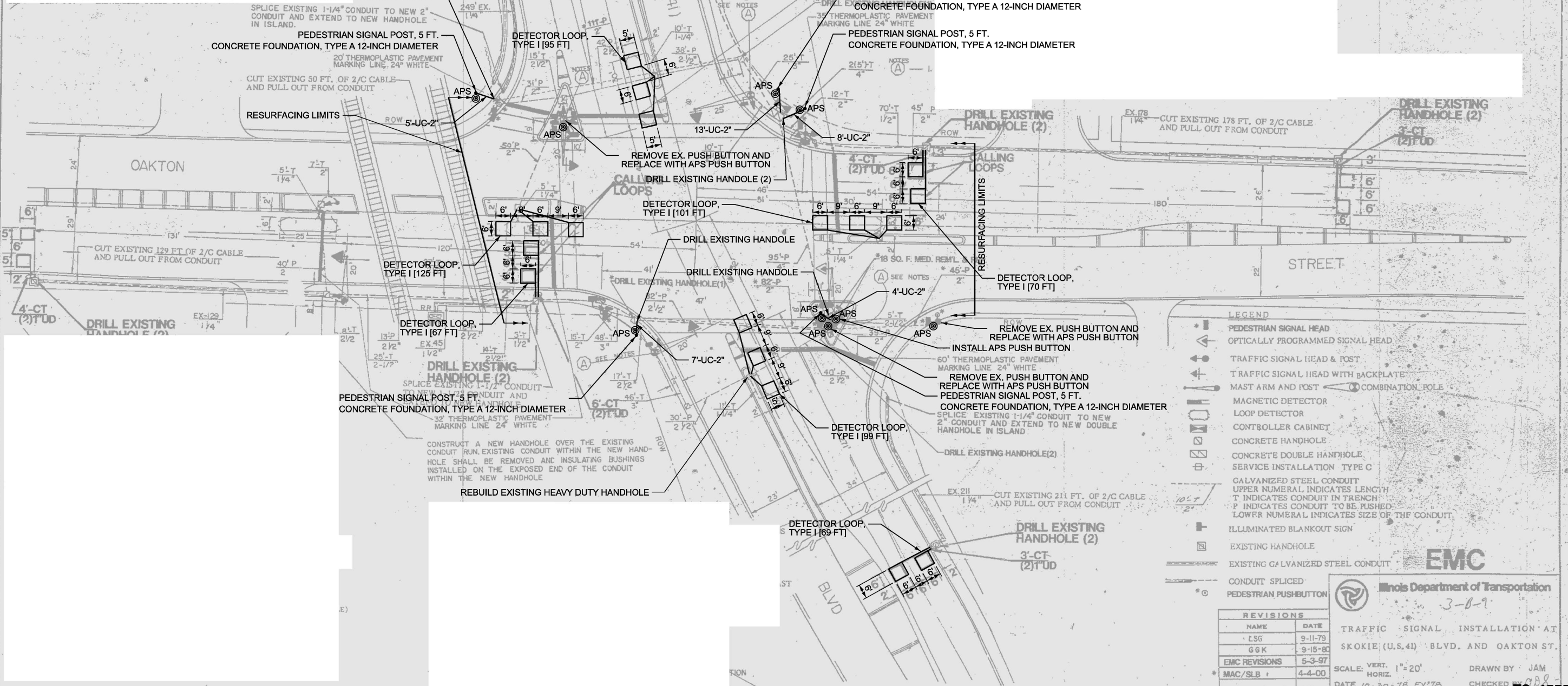
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	88
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126		COOK	25	15

STA. TO STA.
 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
 * 1978-116-TS-78
 P-91-68-78

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
9. PEDESTRIAN CROSSWALKS ARE 12" PCC AT OAKTON STREET. ANY WORK ASSOCIATED WITH THE INSTALLATION OF LOOP DETECTORS IN CONCRETE IS INCIDENTAL AND NOT PAID FOR SEPARATELY.



LEGEND

- PEDESTRIAN SIGNAL HEAD
- OPTICALLY PROGRAMMED SIGNAL HEAD
- TRAFFIC SIGNAL HEAD & POST
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- MAST ARM AND POST
- COMBINATION POLE
- MAGNETIC DETECTOR
- LOOP DETECTOR
- CONTROLLER CABINET
- CONCRETE HANDHOLE
- CONCRETE DOUBLE HANDHOLE
- SERVICE INSTALLATION TYPE C
- GALVANIZED STEEL CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- T INDICATES CONDUIT IN TRENCH
- P INDICATES CONDUIT TO BE PUSHED
- LOWER NUMERAL INDICATES SIZE OF THE CONDUIT
- ILLUMINATED BLANKOUT SIGN
- EXISTING HANDHOLE
- EXISTING GALVANIZED STEEL CONDUIT
- CONDUIT SPliced
- PEDESTRIAN PUSH-BUTTON

EMC
 Illinois Department of Transportation

REVISIONS

NAME	DATE
ESG	9-11-79
GGK	9-15-80
EMC REVISIONS	5-3-97
MAC/SLB	4-4-00

TRAFFIC SIGNAL INSTALLATION AT
 SKOKIE (U.S. 41) BLVD. AND OAKTON ST.
 SCALE: VERT. 1" = 20'
 HORIZ. DATE 10-30-78 FY78
 DRAWN BY: JAM
 CHECKED BY: [Signature]
 2 X 3

USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN - CPM/CA	REVISED -
PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT (SHEET 1 OF 3)
 US ROUTE 41 (SKOKIE BLVD) AND OAKTON ST**

SCALE: NTS SHEET 15 OF 44 SHEETS STA. TO STA.

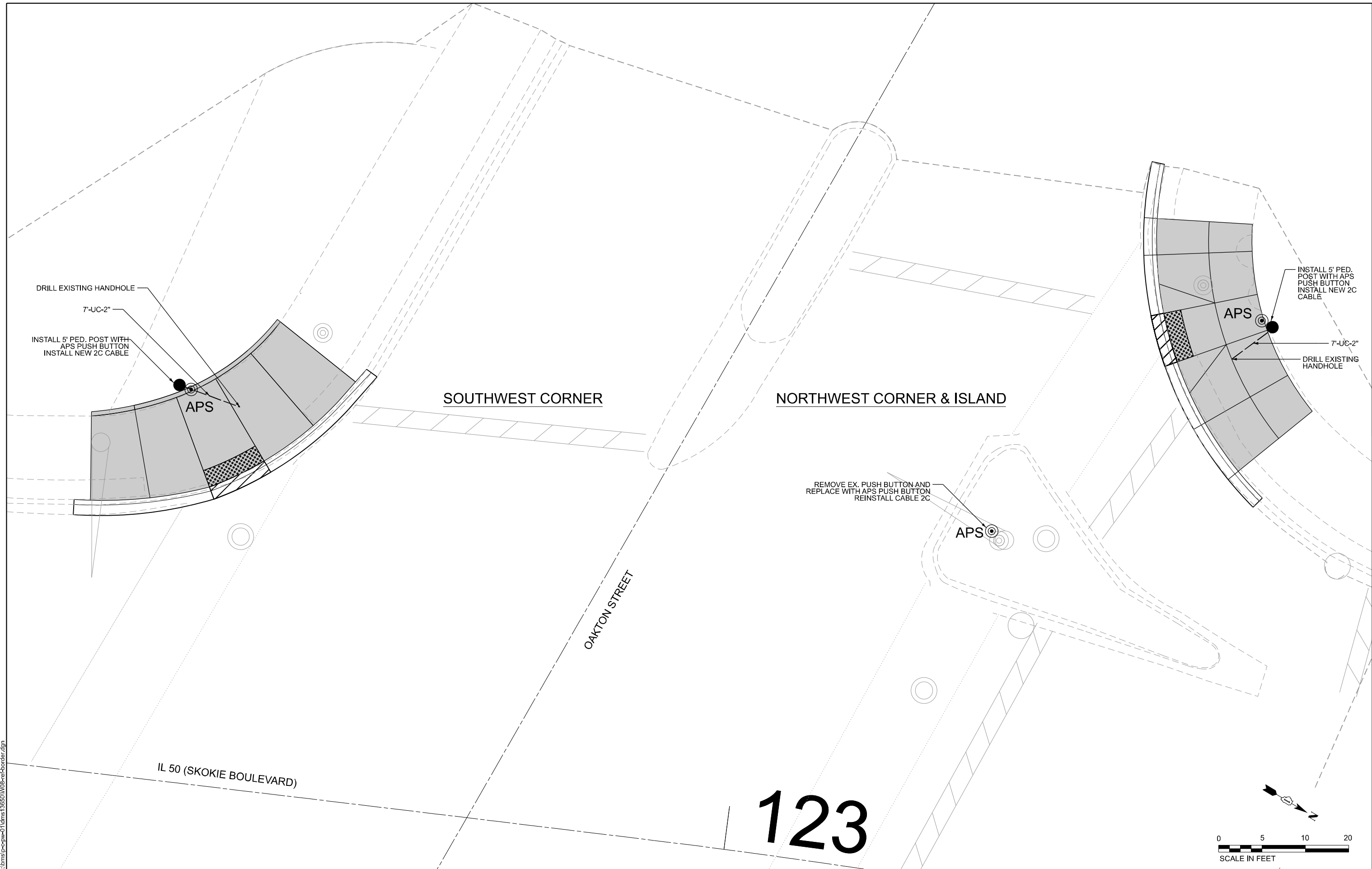
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	89

CONTRACT NO. 80B22
 ILLINOIS FED. AID PROJECT

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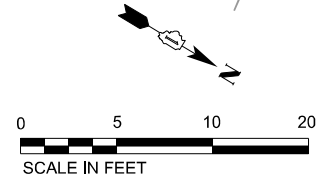
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DRAWN - CPM/CA	REVISED -	
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 3)
 US ROUTE 41 (SKOKIE BLVD) AND OAKTON ST**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	90
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 5' SHEET 19 OF 44 SHEETS STA. TO STA.

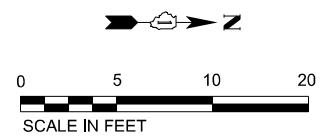
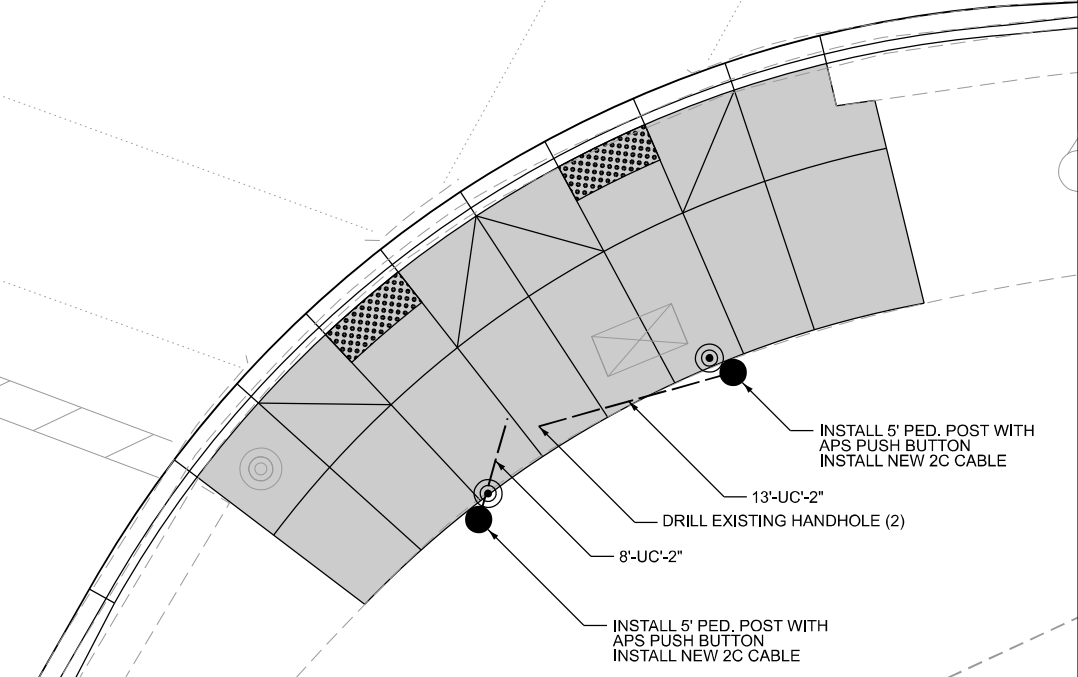
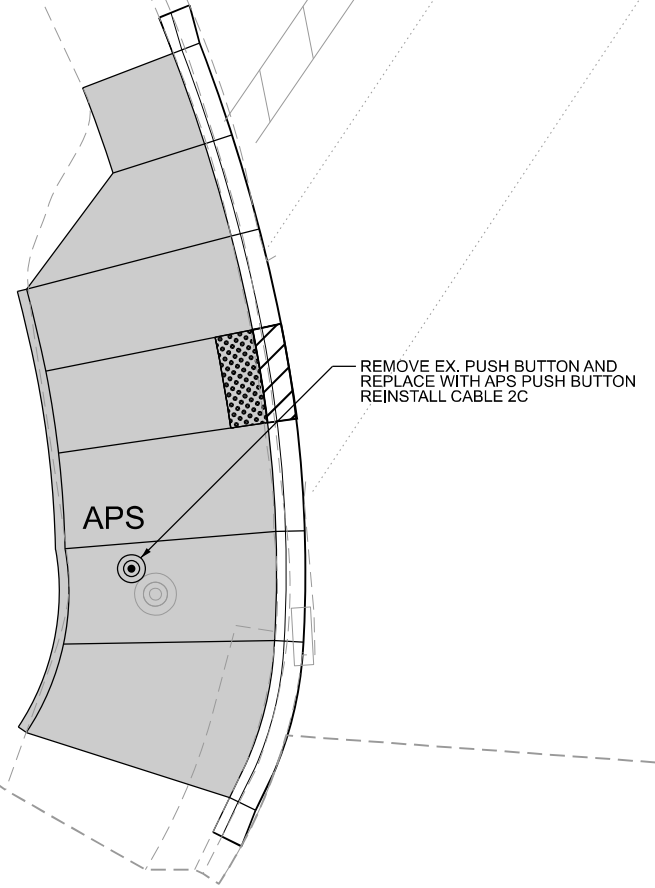
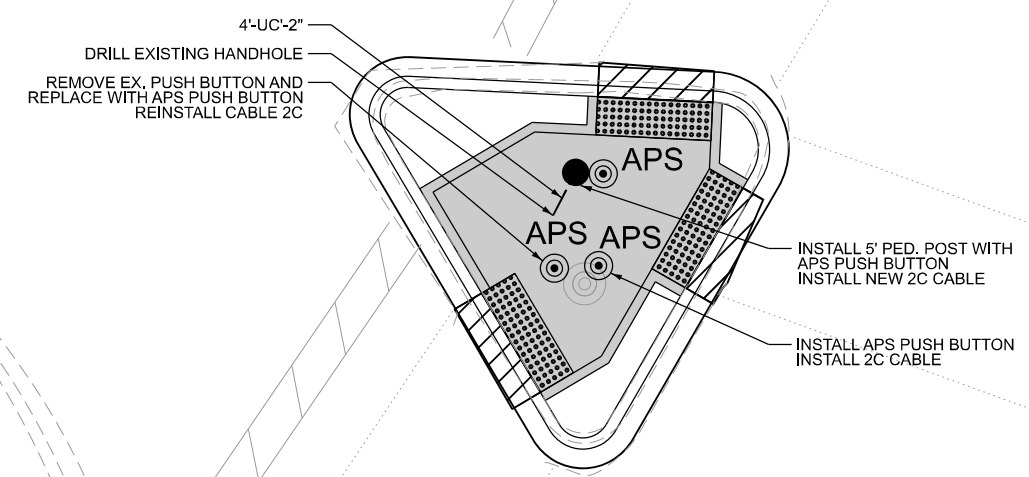


IL 50 (SKOKIE BOULEVARD)

NORTHWEST CORNER

SOUTHEAST CORNER & ISLAND

OAKTON STREET



MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
DRAWN - CPM/CA	REVISED -	
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PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -

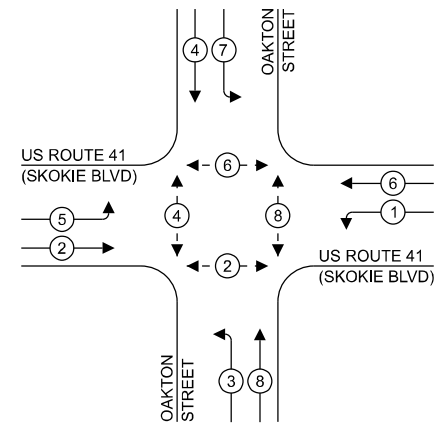
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 3 OF 3)
 US ROUTE 41 (SKOKIE BLVD) AND OAKTON ST

SCALE: 1" = 5' SHEET 20 OF 44 SHEETS STA. TO STA.

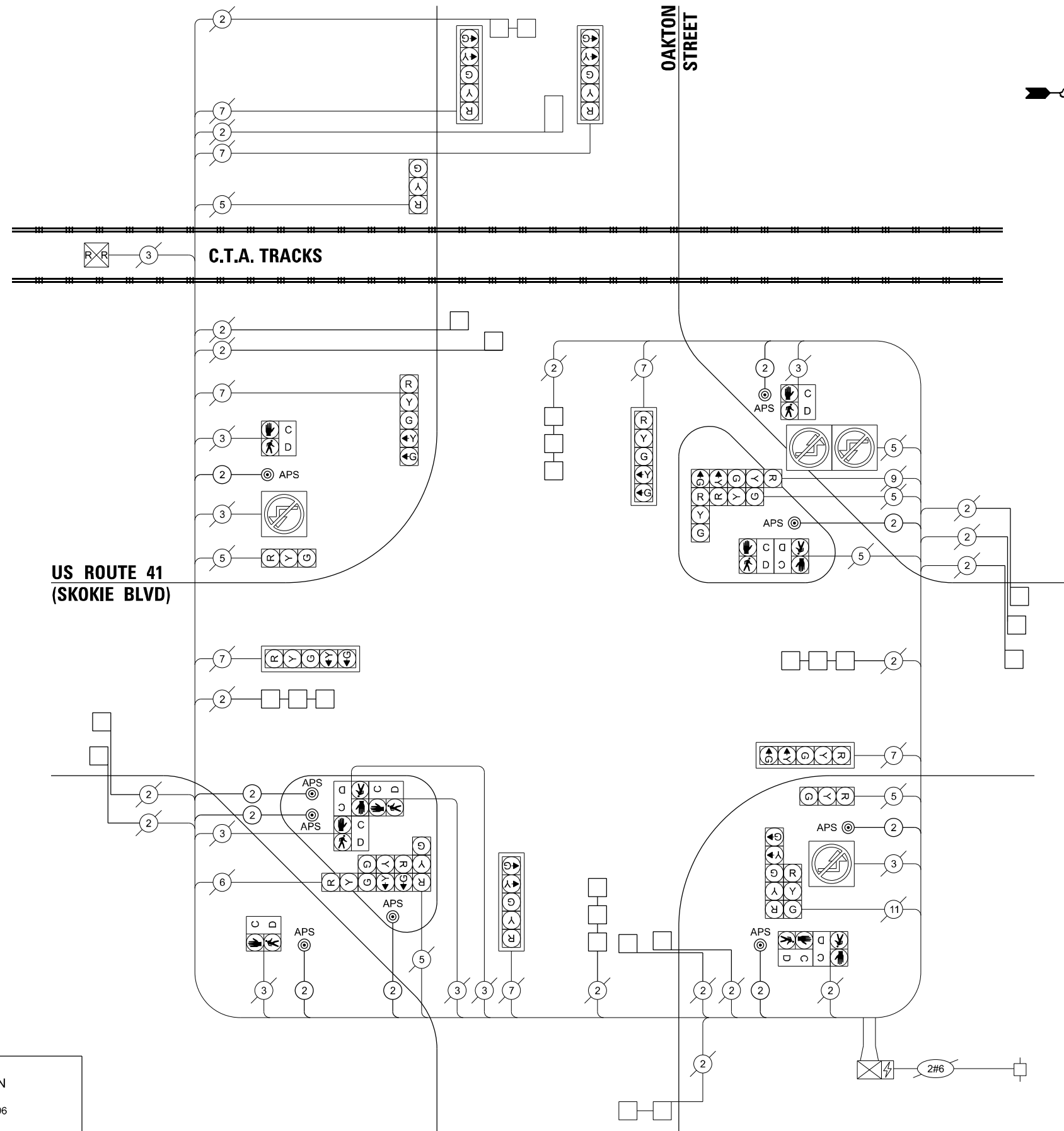
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	91
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	10	13	130
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	10	15	150
MASTER CONTROLLER	2	150	300
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	4	25	100
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		793	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,398	

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS / DISTRICT 1
201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
PHONE: (847) 929-2342
COMPANY: COMED
ACCOUNT NUMBER: 85890-51222
METER NUMBER: ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND OAKTON ST

SCALE: NTS SHEET 21 OF 44 SHEETS STA. TO STA.

TS 1575

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	92
CONTRACT NO. 80B22				

ILLINOIS FED. AID PROJECT

MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN - CPM/CA	REVISED -
PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	741
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	39
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1314
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	54
DRILL EXISTING HANDHOLE	EACH	5
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1575

MODEL: TS Sheets
FILE NAME: c:\bms\p-c-pw-01\dms\16650\W08-ref-border.dgn



USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 4/29/2026	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

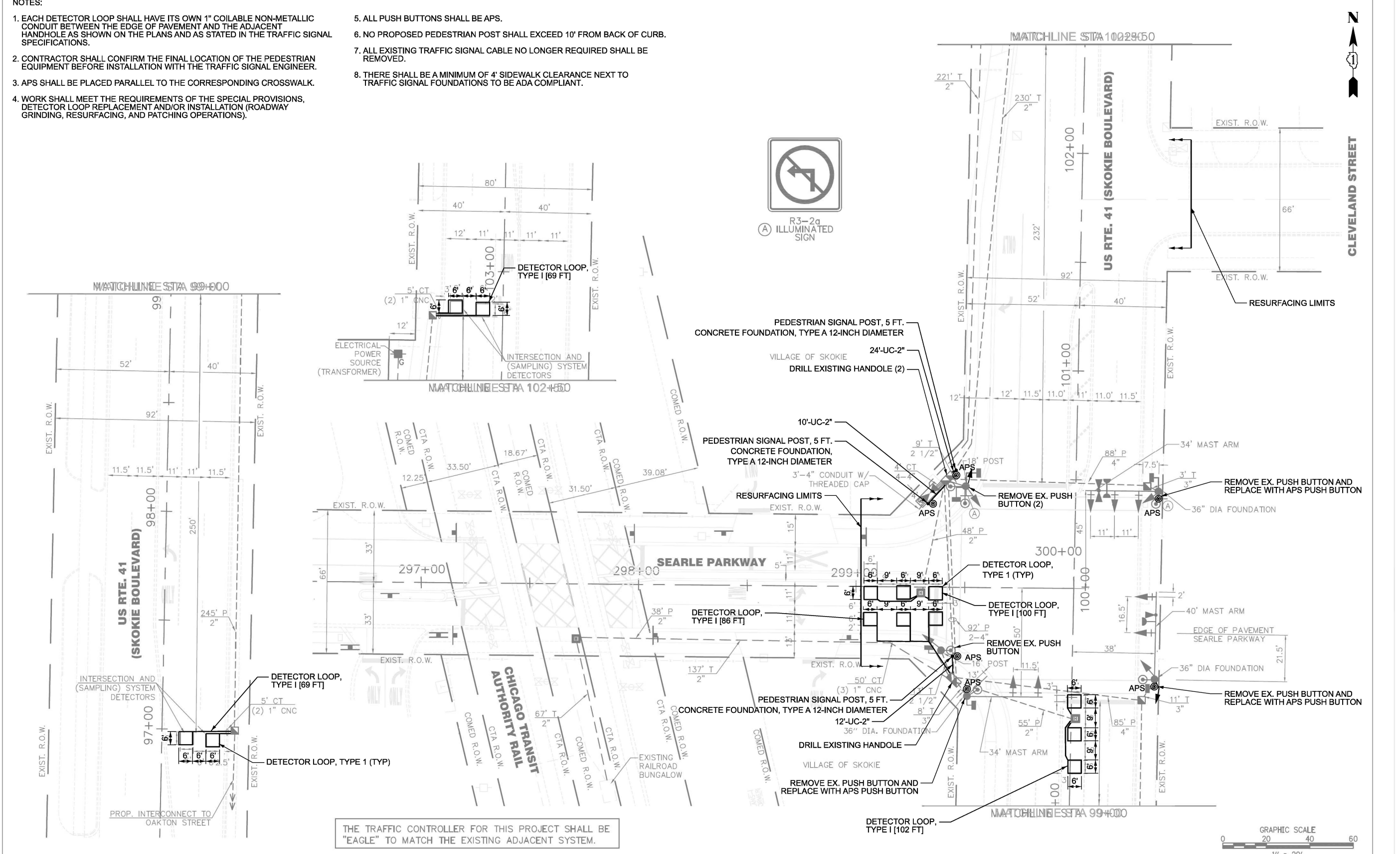
**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND OAKTON ST**

SCALE: NTS SHEET 22 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	93
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

NOTES:

- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
- ALL PUSH BUTTONS SHALL BE APS.
- NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



THE TRAFFIC CONTROLLER FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



McDONOUGH ASSOCIATES INC.
ENGINEER/ARCHITECTS
16634 S. 107TH COURT
ORLAND PARK, ILLINOIS 60467-8898
(708) 226-9251

USER NAME = MDB	DESIGNED - MDB	REVISED - 6/2/11
PLOT SCALE = 1:1	DRAWN - MDB	REVISED - 6/23/11
PLOT DATE = 6/23/11	CHECKED - TDW	REVISED - 8/26/11
	DATE - 4/7/11	REVISED - 9/21/11

VILLAGE OF SKOKIE
US RTE 41 & SEARLE PKWY IMPROVEMENTS

TRAFFIC SIGNAL INSTALLATION PLAN
SCALE: 1"=20' SHEET NO. 22 OF 43 SHEETS STA. 96+00 TO STA. 103+50

F.A.P. RTE. 350	PROJECT TS 10.2	COUNTY COOK	TOTAL SHEETS 43	SHEET NO. 22
FED. ROAD DIST. NO. 1 ILLINOIS LOCAL PROJECT			TS 1577	

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PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

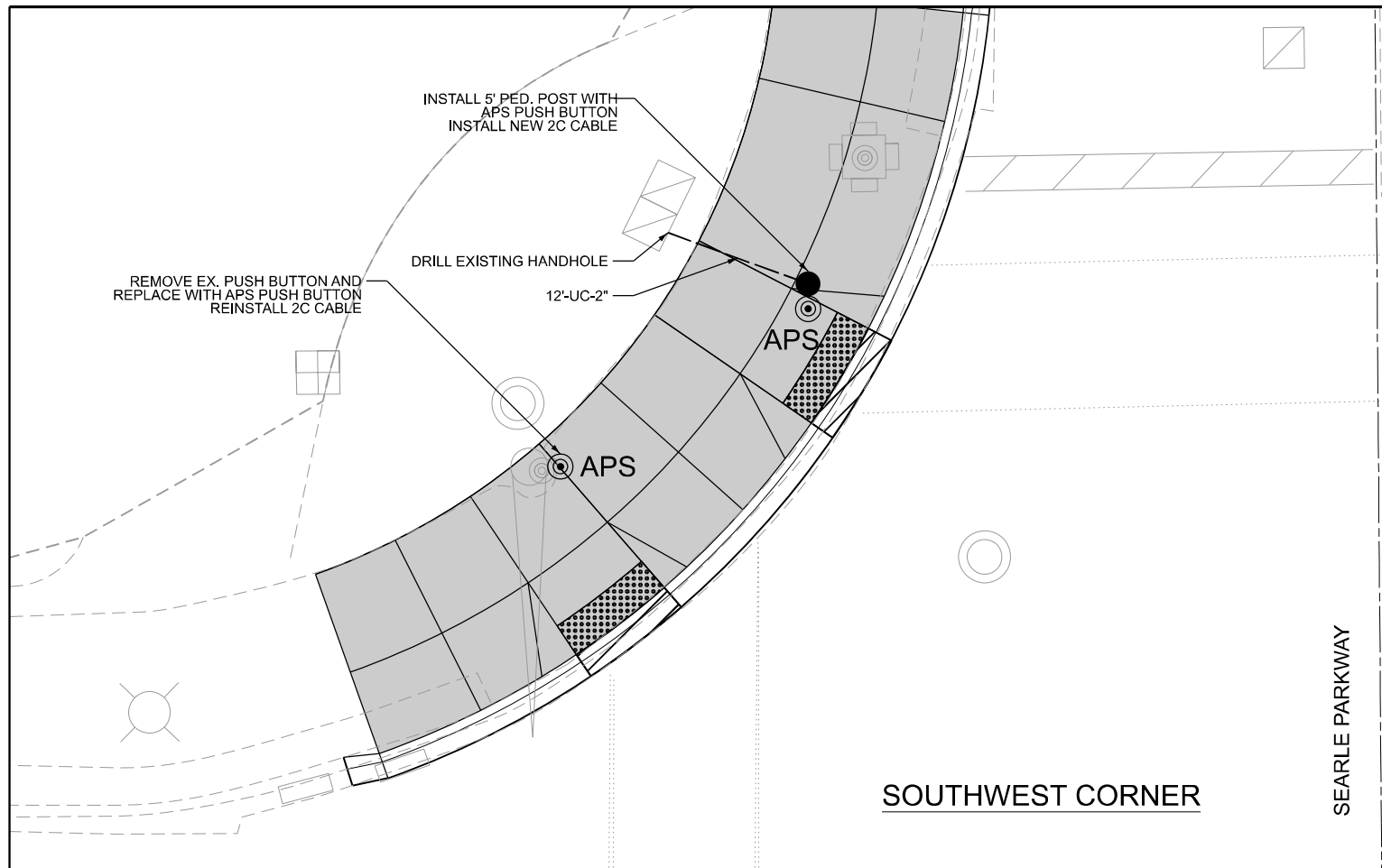
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT (SHEET 1 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND SEARLE PKWY

SCALE: NTS SHEET 23 OF 44 SHEETS STA. TO STA.

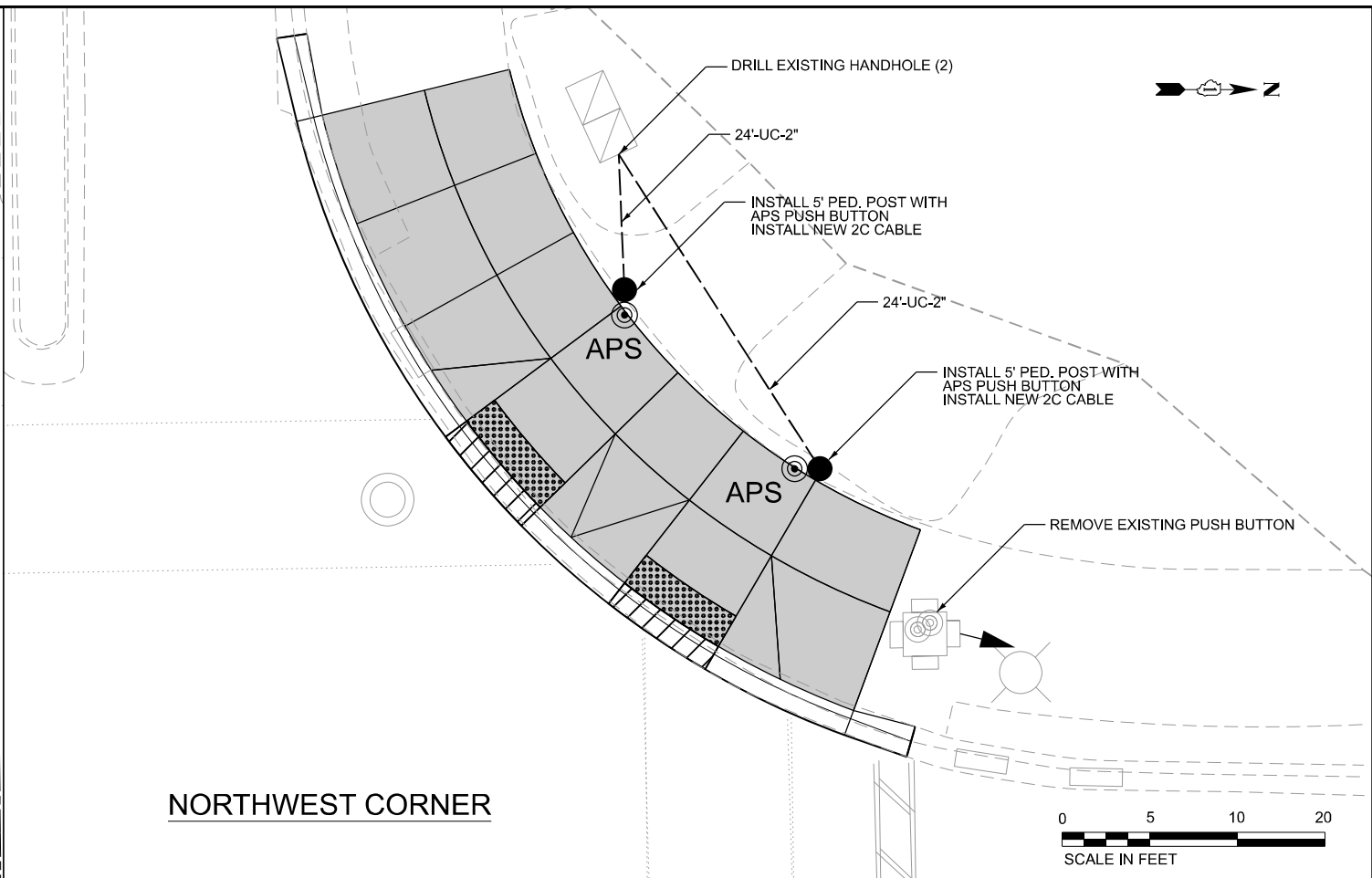
F.A.P. RTE. 350	SECTION 2025-2001-RS	COUNTY COOK	TOTAL SHEETS 141	SHEET NO. 94
ILLINOIS FED. AID PROJECT				CONTRACT NO. 80B22

EAGLE 6 P

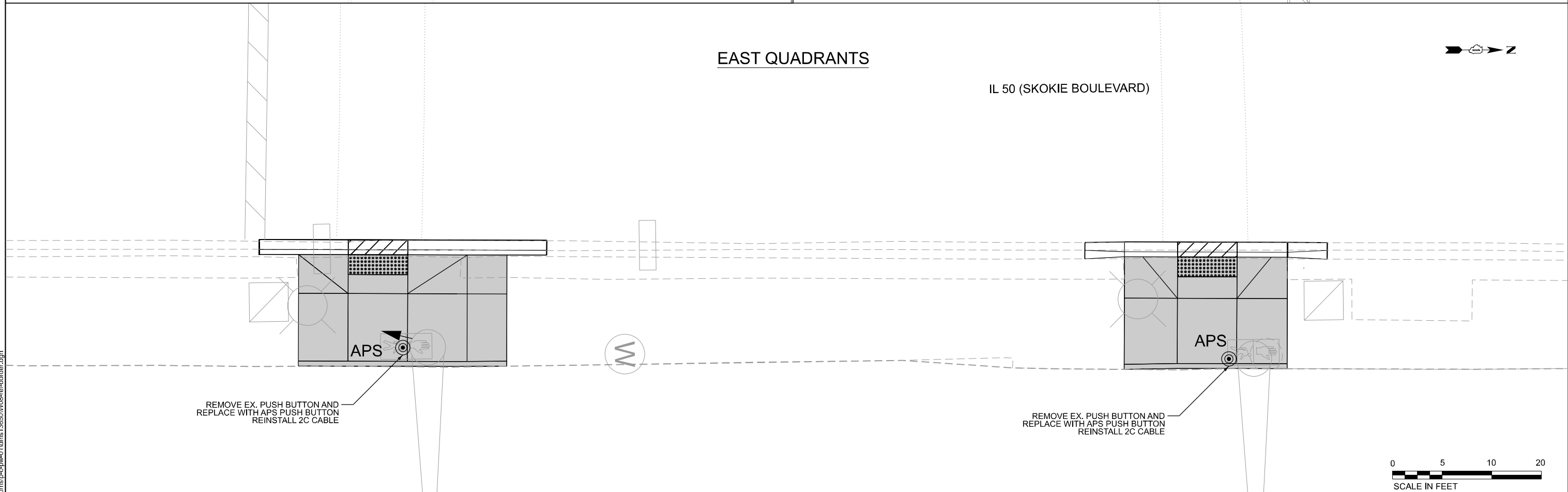


SOUTHWEST CORNER

SEARLE PARKWAY



NORTHWEST CORNER



EAST QUADRANTS

IL 50 (SKOKIE BOULEVARD)



MODEL: TS Sheets
FILE NAME: c:\bms\p-c\pa-01\dms13650\W08-re\border.dgn



USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

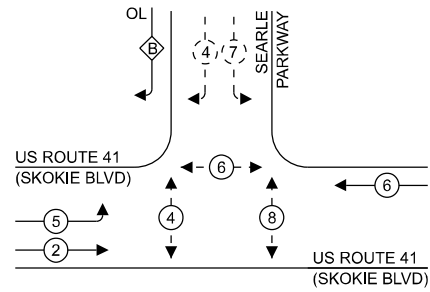
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND SEARLE PKWY

SCALE: 1" = 5' SHEET 24 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	95
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



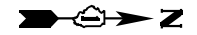
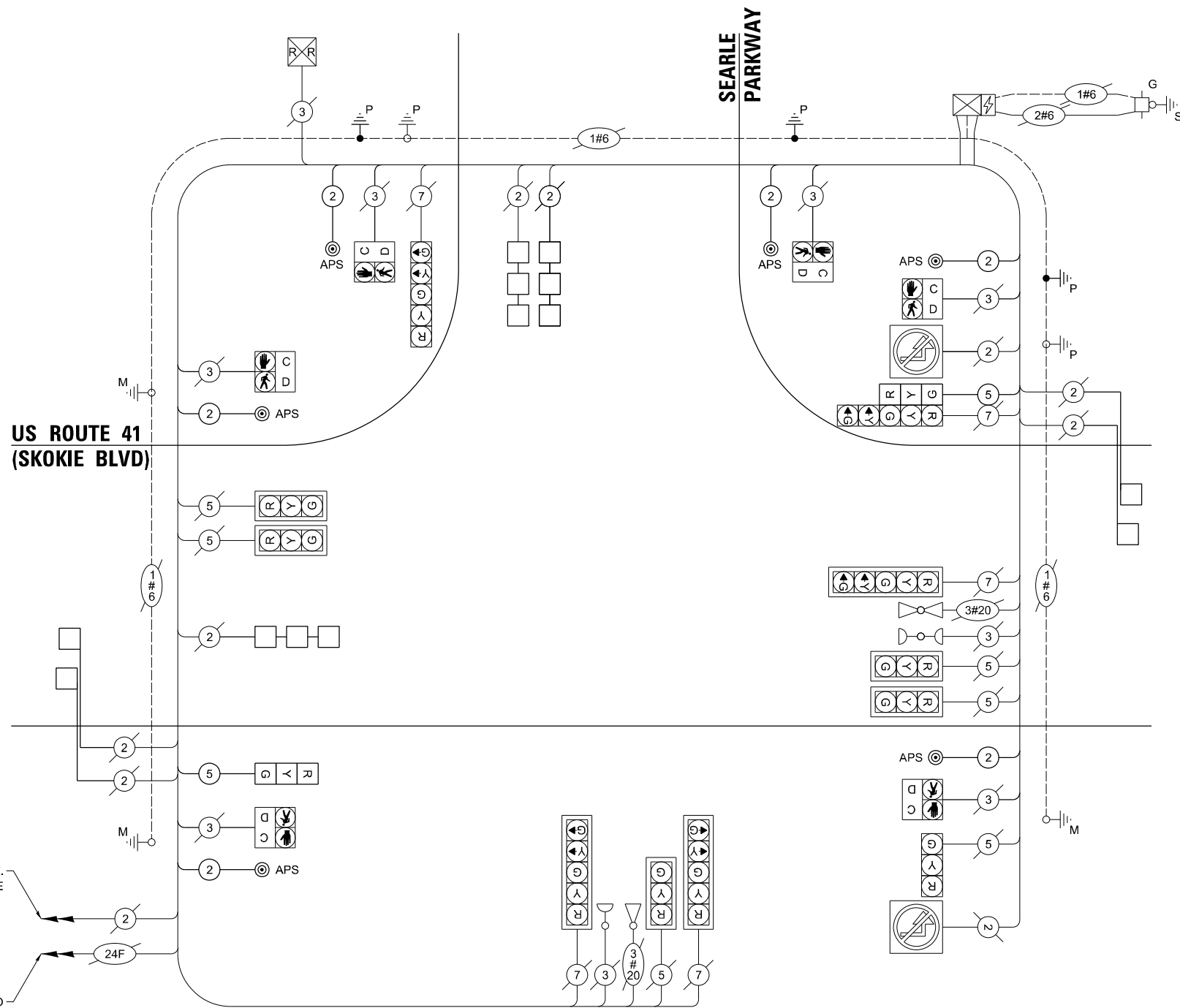
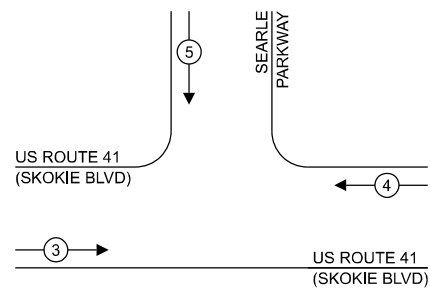
LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	14	-
5-SECTION	5	13	65
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	6	15	90
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	2	25	50
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING		496	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	2	15	30
LED PARKWAY NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,131	

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS / DISTRICT 1
201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
PHONE: (847) 929-2342
COMPANY: COMED
ACCOUNT NUMBER: 85890-51222
METER NUMBER: ---

CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND SEARLE PKWY

SCALE: NTS SHEET 25 OF 44 SHEETS STA. TO STA.

TS 1577

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	96
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

MODEL: TS Sheets
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USER NAME = (USERNAME)
PLOT SCALE = 40,000' / in.
PLOT DATE = 3/19/2026

DESIGNED - LDV
DRAWN - CPM/CA
CHECKED - MJJ/CP
DATE - 3/19/2026

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REVISED -

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	426
REBUILD EXISTING HANDHOLE	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	34
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	713
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	46
DRILL EXISTING HANDHOLE	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
REBUILD EXISTING DOUBLE HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1577

MODEL: TS Sheets
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

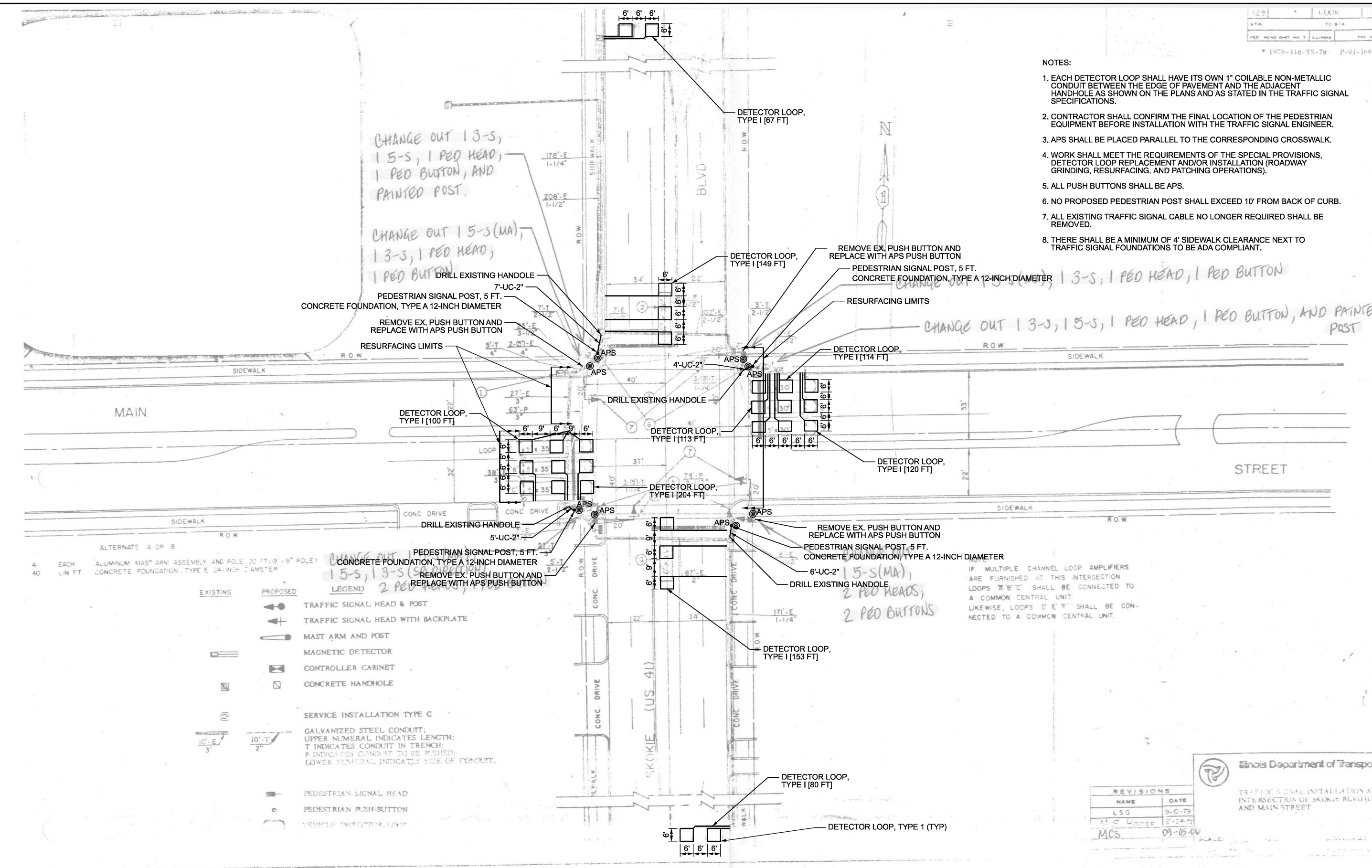
**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND SEARLE PKWY**

SCALE: NTS SHEET 26 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	97
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
5. ALL PUSH BUTTONS SHALL BE APS.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



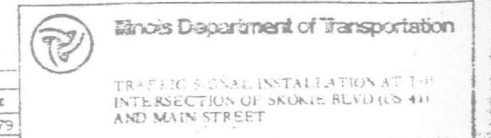
ALTERNATE A OR B

4	EACH	ALUMINUM MAST ARM ASSEMBLY AND POLE 20 FT (19'-9" POLE)
40	LN FT	CONCRETE FOUNDATION, TYPE E 24-INCH DIAMETER

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TRAFFIC SIGNAL HEAD & POST
		TRAFFIC SIGNAL HEAD WITH BACKPLATE
		MAST ARM AND POST
		MAGNETIC DETECTOR
		CONTROLLER CABINET
		CONCRETE HANDHOLE
SERVICE INSTALLATION TYPE C		
		GALVANIZED STEEL CONDUIT; UPPER NUMERAL INDICATES LENGTH; T INDICATES CONDUIT IN TRENCH; P INDICATES CONDUIT TO BE PUSHED; LOWER NUMERAL INDICATES SIZE OF CONDUIT.
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH-BUTTON
		VEHICLE DETECTOR LOOP

IF MULTIPLE CHANNEL LOOP AMPLIFIERS ARE FURNISHED AT THIS INTERSECTION LOOPS 'B' & 'C' SHALL BE CONNECTED TO A COMMON CENTRAL UNIT. LIKEWISE, LOOPS 'D' & 'E' SHALL BE CONNECTED TO A COMMON CENTRAL UNIT.



REVISIONS

NAME	DATE
LSG	9-10-79
MCS	09-05-06

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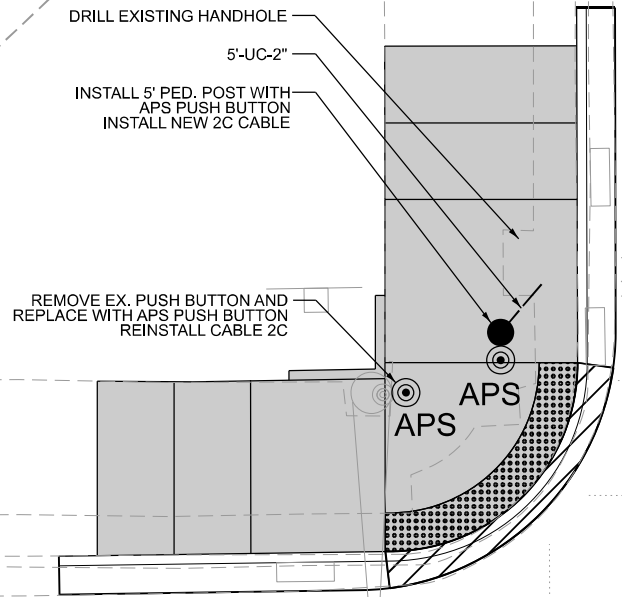
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PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

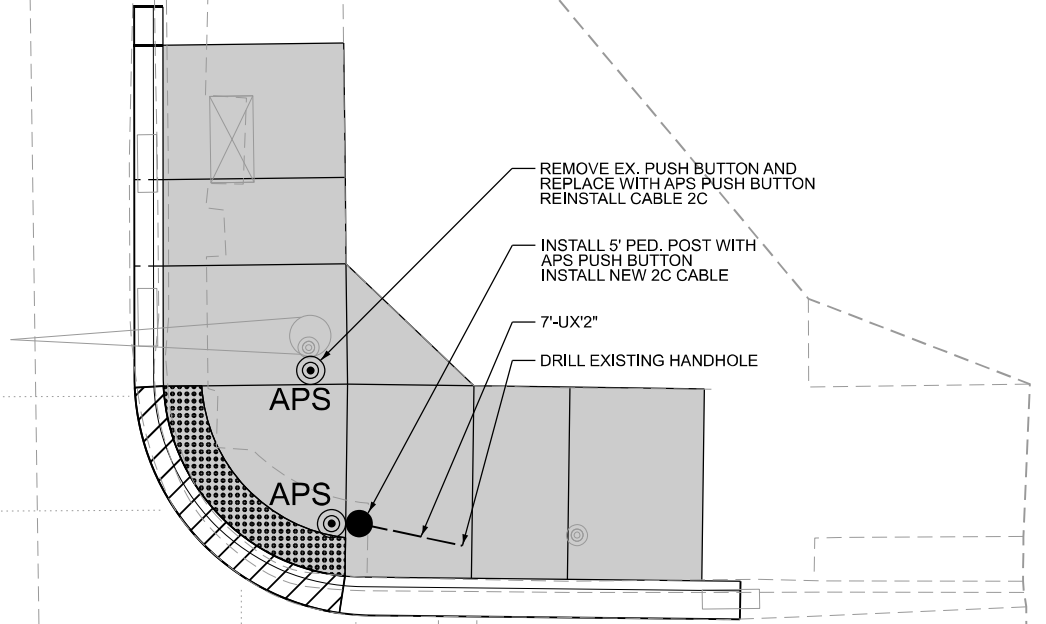
DETECTOR LOOP REPLACEMENT (SHEET 1 OF 2)
 US ROUTE 41 (SKOKIE BLVD) AND MAIN ST

SCALE: NTS SHEET 27 OF 44 SHEETS STA. TO STA.

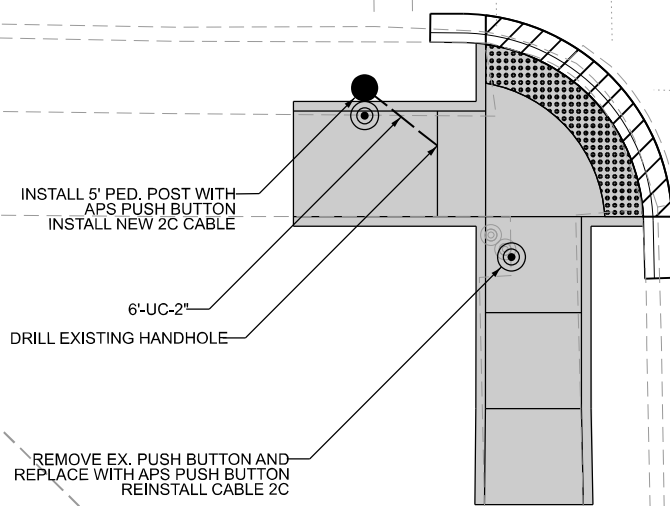
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350	2025-2001-RS	COOK	141	98
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



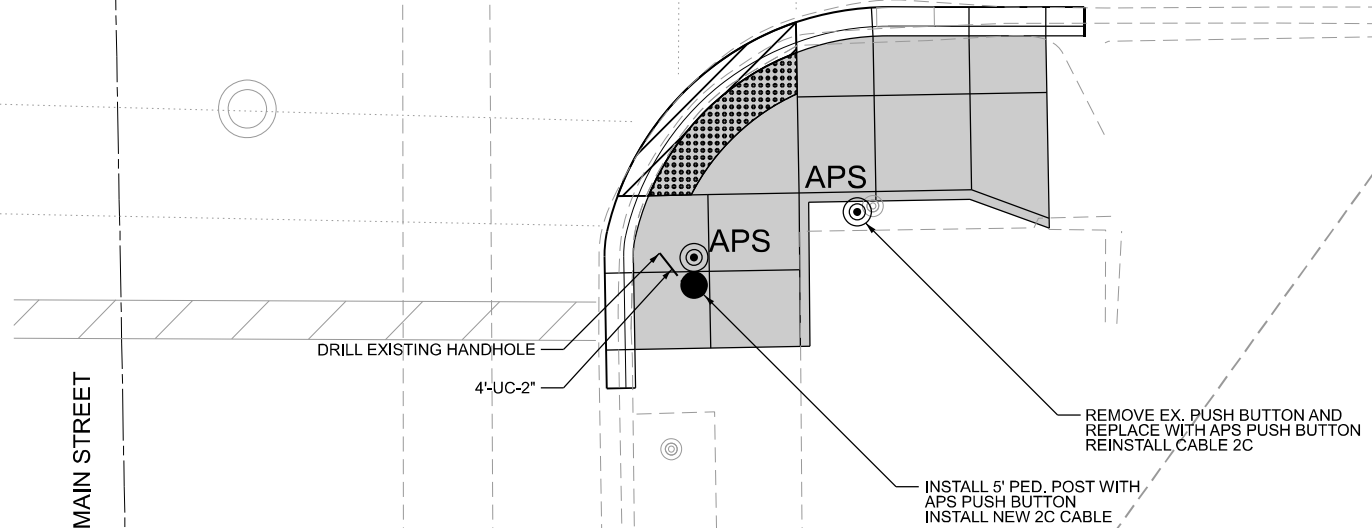
SOUTHWEST CORNER



NORTHWEST CORNER



SOUTHEAST CORNER



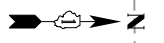
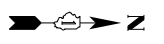
NORTHEAST CORNER

MAIN STREET

IL 50 (SKOKIE BOULEVARD)

IL 50 (SKOKIE BOULEVARD)

MAIN STREET



MODEL: TS Sheets
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	DRAWN - CPM/CA	REVISED -
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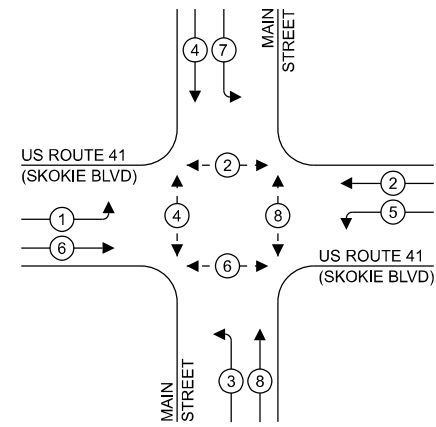
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND MAIN ST

SCALE: 1" = 5' SHEET 28 OF 44 SHEETS STA. TO STA.

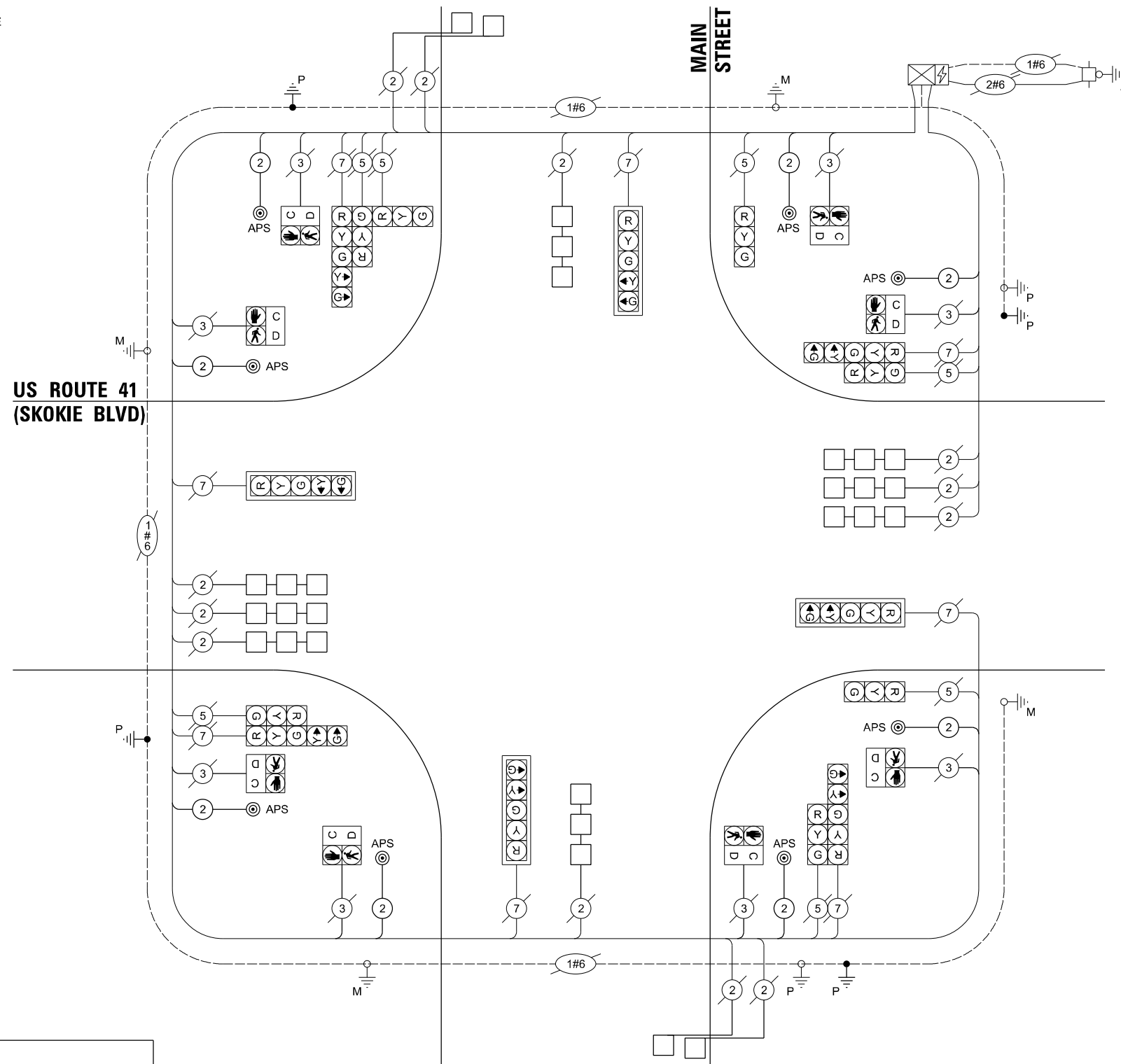
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	99
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



LEGEND:

- ⊙* PROTECTED PHASE
- ⊙* - - PROTECTED/PERMITTED PHASE
- ⊙* → PEDESTRIAN PHASE
- ⊙* OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	7	11	77
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING		526	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,131	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 85890-51222
 METER NUMBER: ---

MODEL: TS Sheets
FILE NAME: c:\bms\p-cpm-01\dms13650\W08-04-border.dgn



USER NAME = (USERNAME)
 PLOT SCALE = 40,000' / in.
 PLOT DATE = 3/19/2026

DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 3/19/2026

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND MAIN ST

SCALE: NTS SHEET 29 OF 44 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	100
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1560

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	1100
REBUILD EXISTING HANDHOLE	EACH	5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	22
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	751
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	34
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1560

MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND MAIN STREET**

SCALE: NTS SHEET 30 OF 44 SHEETS STA. TO STA.

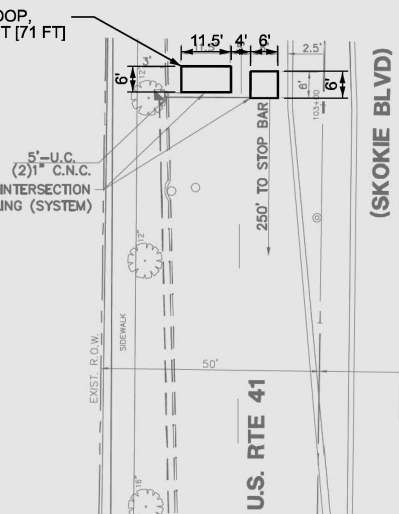
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	101
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES:

① THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING 2" CONDUIT AND SPLICE A NEW 2" GALVANIZED STEEL CONDUIT TO RE-ESTABLISH THE FIBER OPTIC INTERCONNECT. THE WORK SHALL BE INCLUDED IN THE COST OF THE CONDUIT.

DETECTOR LOOP REPLACEMENT (71 FT)

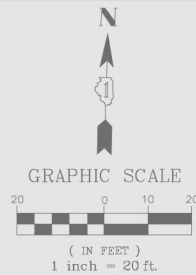
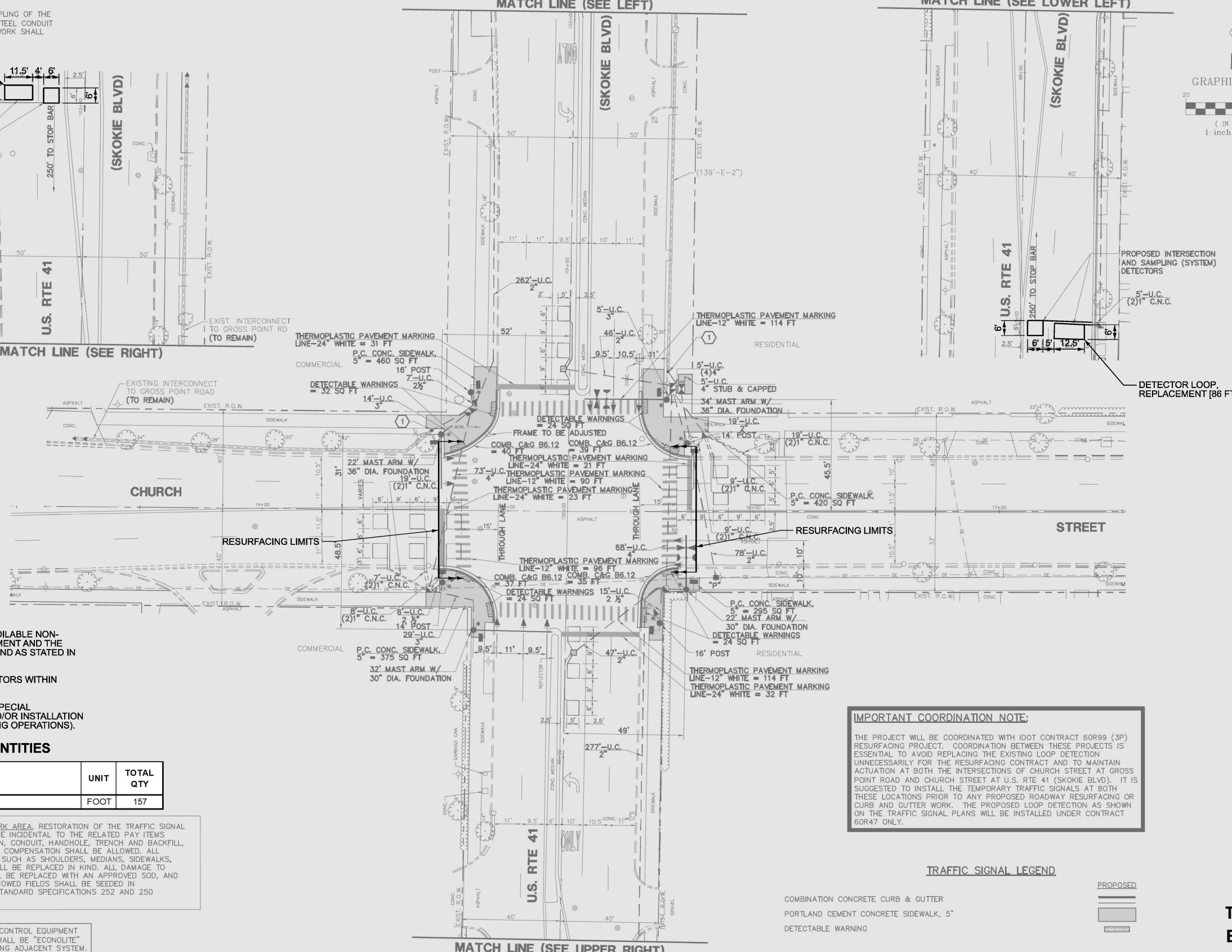
PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



MATCH LINE (SEE RIGHT)

MATCH LINE (SEE LEFT)

MATCH LINE (SEE LOWER LEFT)



NOTES:

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	157

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

IMPORTANT COORDINATION NOTE:
THE PROJECT WILL BE COORDINATED WITH IDOT CONTRACT 60R99 (3P) RESURFACING PROJECT. COORDINATION BETWEEN THESE PROJECTS IS ESSENTIAL TO AVOID REPLACING THE EXISTING LOOP DETECTION UNNECESSARILY FOR THE RESURFACING CONTRACT AND TO MAINTAIN ACTUATION AT BOTH THE INTERSECTIONS OF CHURCH STREET AT GROSS POINT ROAD AND CHURCH STREET AT U.S. RTE 41 (SKOKIE BLVD). IT IS SUGGESTED TO INSTALL THE TEMPORARY TRAFFIC SIGNALS AT BOTH THESE LOCATIONS PRIOR TO ANY PROPOSED ROADWAY RESURFACING OR CURB AND GUTTER WORK. THE PROPOSED LOOP DETECTION AS SHOWN ON THE TRAFFIC SIGNAL PLANS WILL BE INSTALLED UNDER CONTRACT 60R47 ONLY.

TRAFFIC SIGNAL LEGEND

- COMBINATION CONCRETE CURB & GUTTER
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- DETECTABLE WARNING

**TS 1495
ECON 2**

GHA #4085.877

FILE NAME = 4085.877-TR1.dwg

USER NAME = ZACH WALLSTEN
DESIGNED - JRD
DRAWN - ZCW
CHECKED - KLB
DATE - 3/22/2012

DESIGNED - JRD
DRAWN - ZCW
CHECKED - KLB
DATE - 3/22/2012

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
U.S. RTE 41 (SKOKIE BLVD) AT CHURCH STREET**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIES	2011-209-TS	COOK	52	29
				CONTRACT #: 60R47
ILLINOIS FED. AID PROJECT				

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Peralte-Clark LLC

USER NAME = (USERNAME)
DESIGNED - LDV
DRAWN - CPM/CA
CHECKED - MJJ/CP
DATE - 4/29/2026

DESIGNED - LDV
DRAWN - CPM/CA
CHECKED - MJJ/CP
DATE - 4/29/2026

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

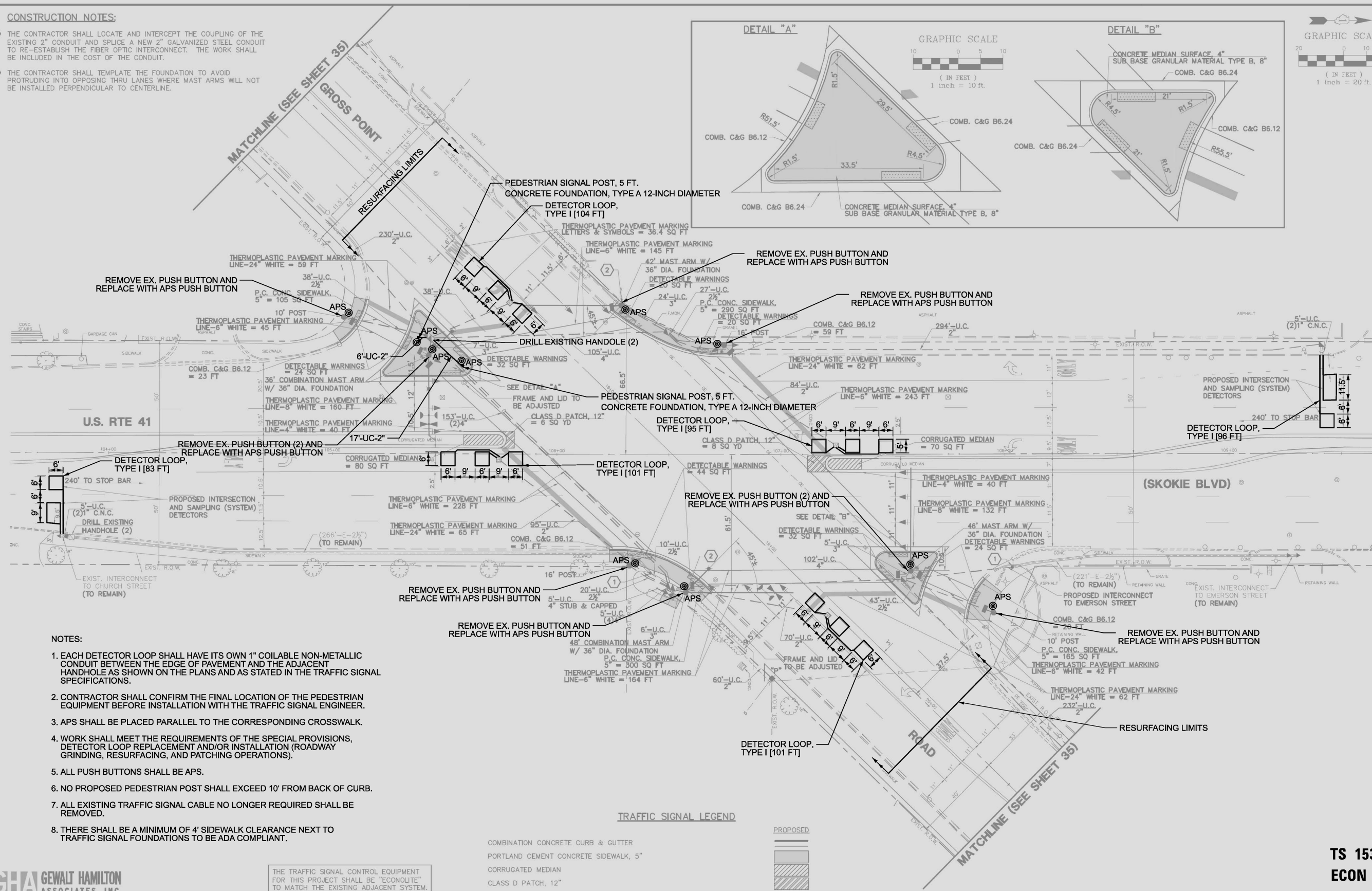
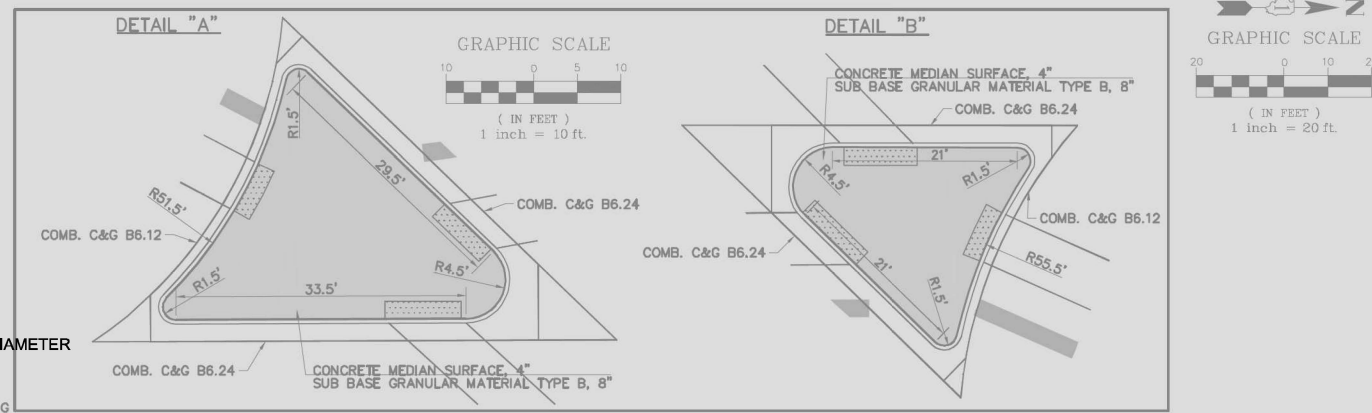
**DETECTOR LOOP REPLACEMENT
US ROUTE 41 (SKOKIE BLVD) AND CHURCH ST**

SCALE: NTS SHEET 31 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	102
				CONTRACT NO. 80B22
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL LOCATE AND INTERCEPT THE COUPLING OF THE EXISTING 2" CONDUIT AND SPLICE A NEW 2" GALVANIZED STEEL CONDUIT TO RE-ESTABLISH THE FIBER OPTIC INTERCONNECT. THE WORK SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
- THE CONTRACTOR SHALL TEMPLATE THE FOUNDATION TO AVOID PROTRUDING INTO OPPOSING THRU LANES WHERE MAST ARMS WILL NOT BE INSTALLED PERPENDICULAR TO CENTERLINE.



GHA GEWALT HAMILTON ASSOCIATES, INC.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**TS 1530
ECON 2**

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		DRAWN - ZCW	REVISED -
		CHECKED - KLB	REVISED -
		DATE - 3/22/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
U.S. RTE 41 (SKOKIE BLVD) AT GROSS POINT ROAD**

F.A.P. RTE. VARIES	SECTION 2011-209-TS	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 34
		CONTRACT # 60R47		
ILLINOIS FED. AID PROJECT				

MODEL: TS Sheets
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Peralte-Clark LLC

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	DRAWN - CPM/CA	REVISED -
	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT (SHEET 1 OF 3)
US ROUTE 41 (SKOKIE BLVD) AND GROSS POINT RD**

SCALE: NTS SHEET 32 OF 44 SHEETS STA. TO STA.

F.A.P. RTE. 350	SECTION 2025-2001-RS	COUNTY COOK	TOTAL SHEETS 141	SHEET NO. 103
		CONTRACT NO. 80B22		
ILLINOIS FED. AID PROJECT				

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

APS

DRILL EXISTING HANDHOLE (2)

6'-UC-3"

INSTALL 16' SIGNAL POST WITH
APS PUSH BUTTON

APS

17'-UC-2"

INSTALL 5' PED. POST WITH
APS PUSH BUTTON
INSTALL NEW 2C CABLE

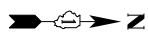
APS

APS

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

IL 50 (SKOKIE BOULEVARD)

SOUTHWEST CORNER & ISLAND



SOUTHEAST CORNER

IL 50 (SKOKIE BOULEVARD)

GROSS POINT ROAD

APS

APS

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE

REMOVE EX. PUSH BUTTON AND
REPLACE WITH APS PUSH BUTTON
REINSTALL 2C CABLE



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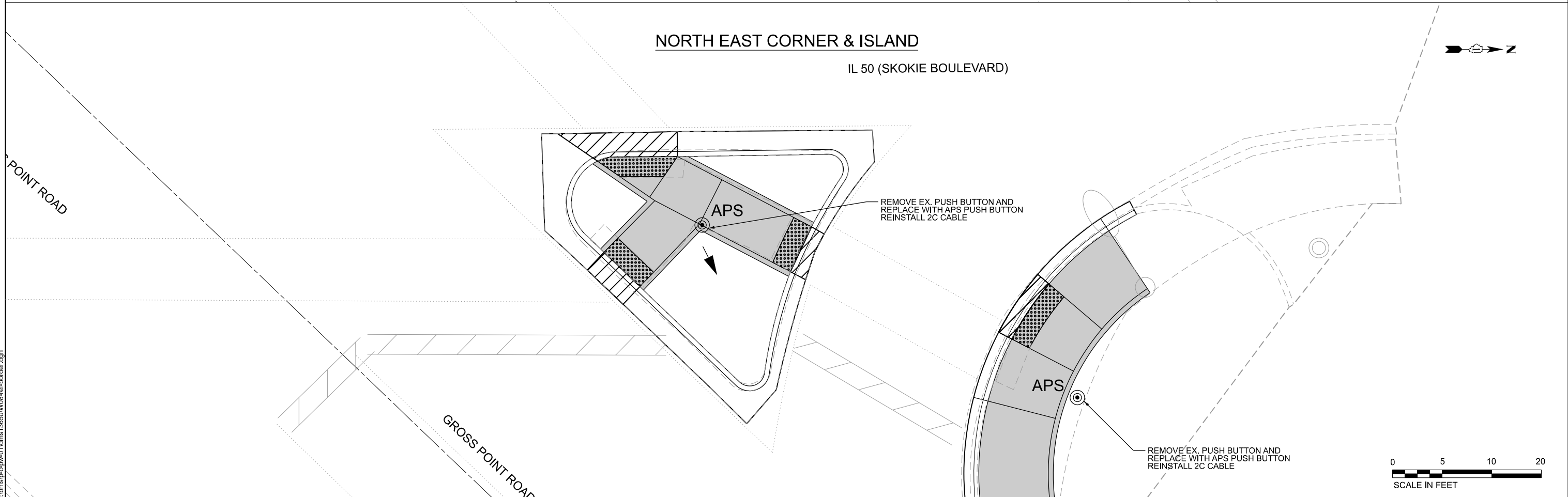
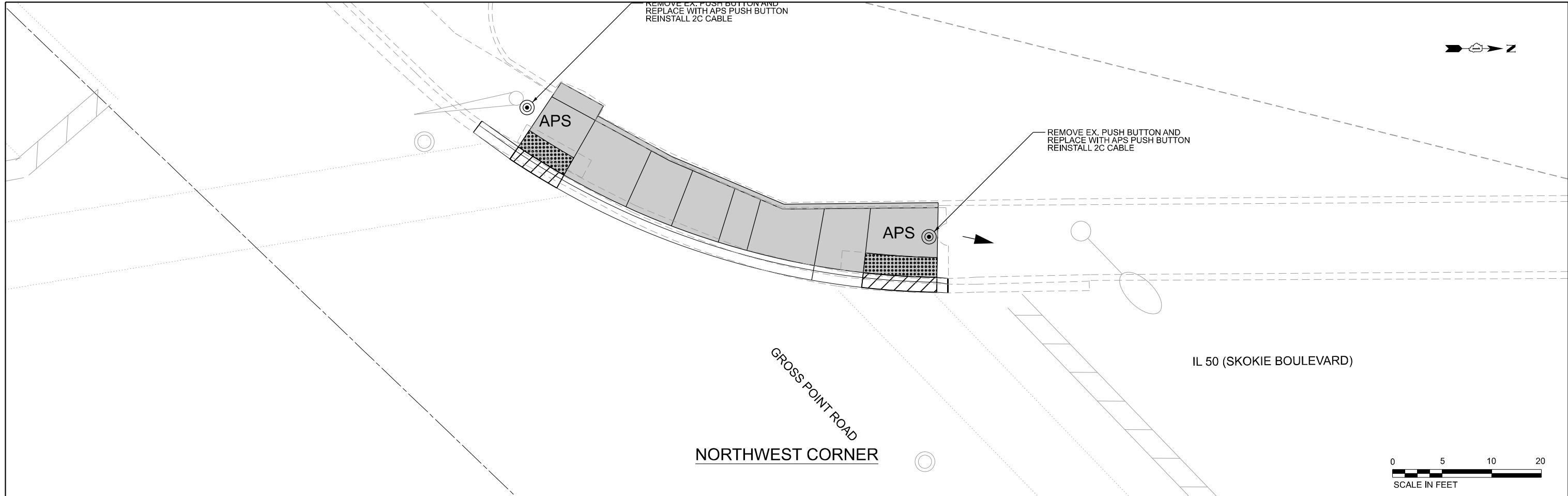
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PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 3)
US ROUTE 41 (SKOKIE BLVD) AND GROSS POINT RD

SCALE: 1" = 5' SHEET 33 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	104
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



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DRAWN - CPM/CA	REVISED -	
PLOT SCALE = 10,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

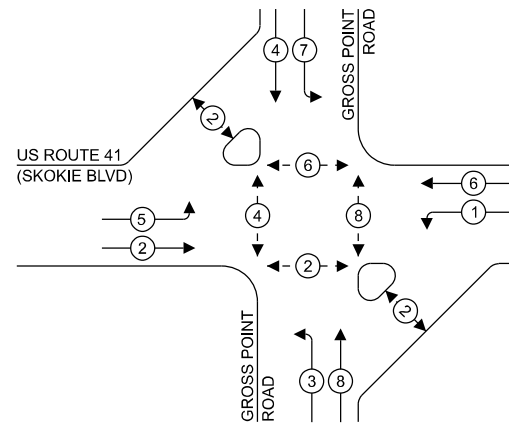
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 3 OF 3)
US ROUTE 41 (SKOKIE BLVD) AND GROSS POINT RD

SCALE: 1" = 5' SHEET 34 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	105
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



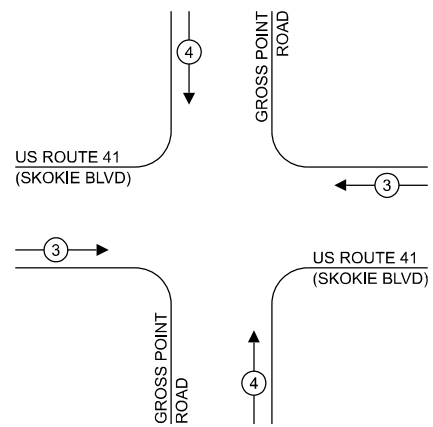
LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

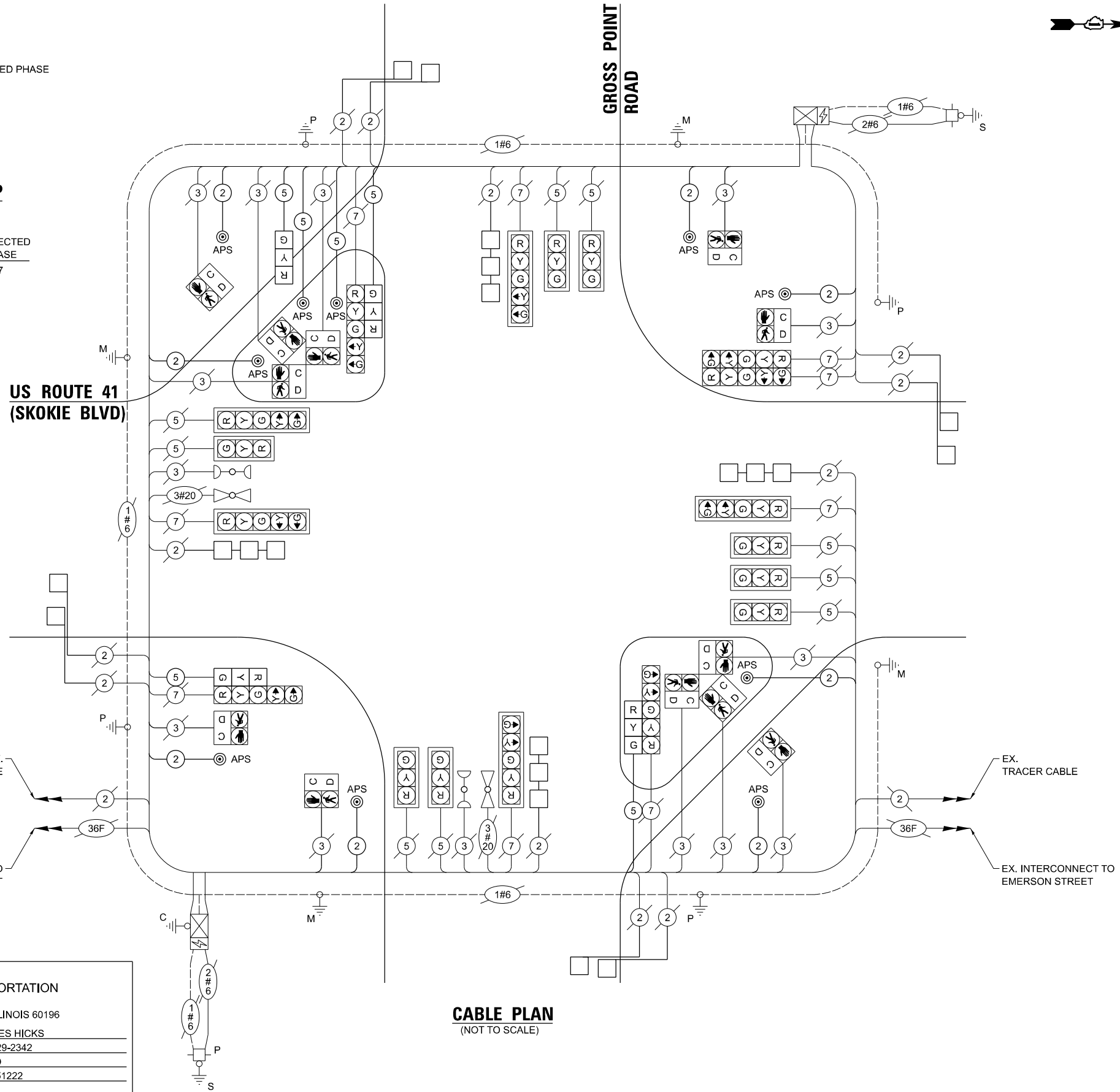
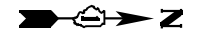
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	6	7

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



US ROUTE 41 (SKOKIE BLVD)

GROSS POINT ROAD



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	11	11	77
4-SECTION	-	14	-
5-SECTION	10	13	130
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	12	15	180
MASTER CONTROLLER	1	150	150
UPS	-	100	-
DETECTION RADAR OR VIDEO	1	25	25
BLANK-OUT SIGN	-	20	-
NETWORK SWITCH II OR III	-	25	-
CELLULAR MODEM	1	35	35
	1	15	15
TOTAL UPS SIZING		612	
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	2	15	30
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		1,247	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196
 ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 85890-51222
 METER NUMBER: ---

MODEL: TS Sheets
FILE NAME: c:\bms\p-cpm-01\dms13650\W08-04-border.dgn



USER NAME = (USERNAME)
 PLOT SCALE = 40,000' / in.
 PLOT DATE = 3/19/2026

DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 3/19/2026

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND GROSS POINT RD

SCALE: NTS SHEET 35 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	106
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1560

SCHEDULE OF QUANTITIES

Pay Item Number	ITEM DESCRIPTION	UNITS	TOTAL QTY
88600100	DETECTOR LOOP, TYPE I	FOOT	580
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	17
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	6
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1912
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	387
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	29
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4
87900200	DRILL EXISTING HANDHOLE	EACH	2
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1530

MODEL: TS Sheets
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	DRAWN - CPM/CA	REVISED -
PLOT SCALE = 40.000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND GROSS POINT RD**

SCALE: NTS SHEET 36 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	107
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

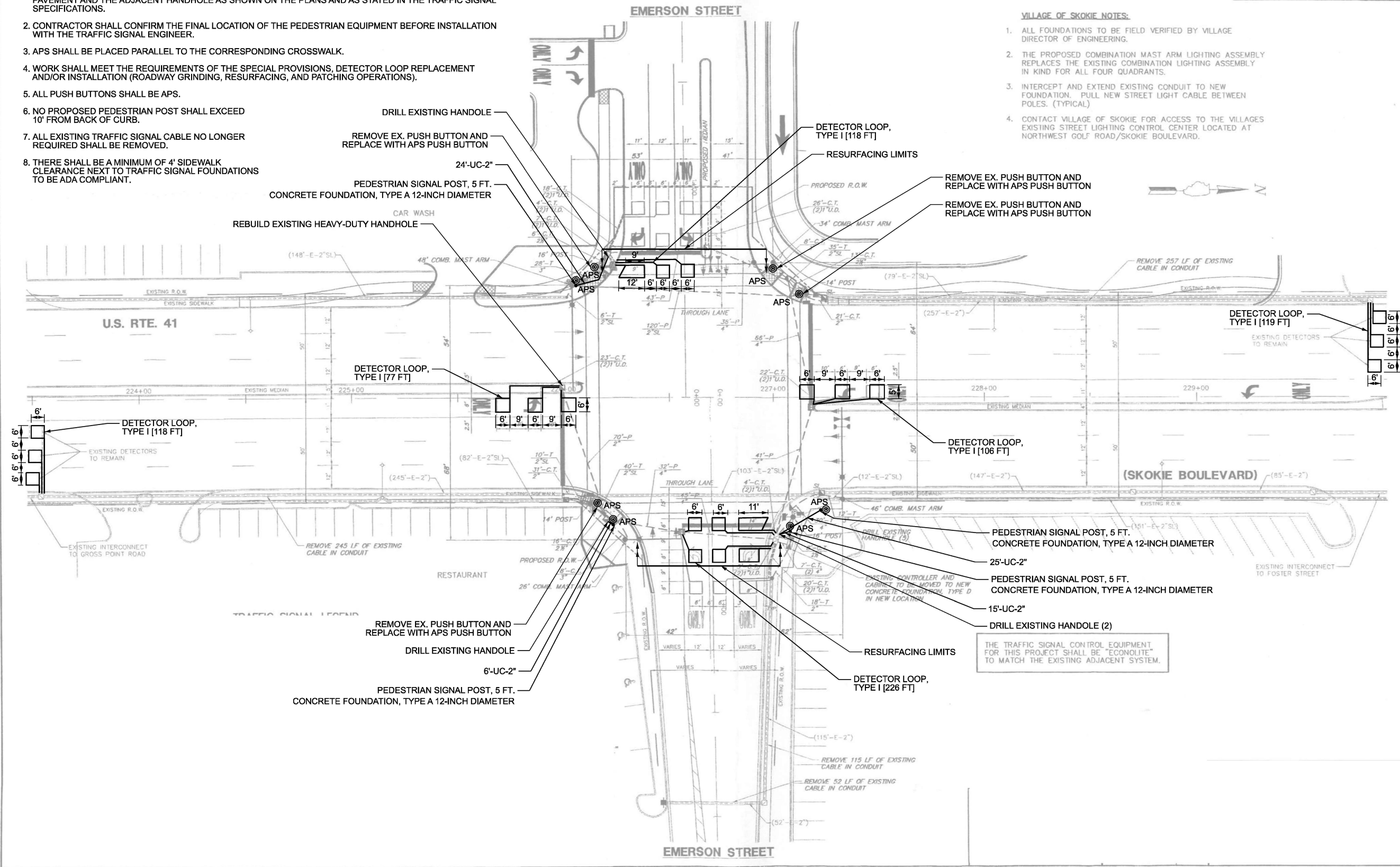
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348		COOK	13	9
ILLINOIS				

NOTES:

- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
- ALL PUSH BUTTONS SHALL BE APS.
- NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

VILLAGE OF SKOKIE NOTES:

- ALL FOUNDATIONS TO BE FIELD VERIFIED BY VILLAGE DIRECTOR OF ENGINEERING.
- THE PROPOSED COMBINATION MAST ARM LIGHTING ASSEMBLY REPLACES THE EXISTING COMBINATION LIGHTING ASSEMBLY IN KIND FOR ALL FOUR QUADRANTS.
- INTERCEPT AND EXTEND EXISTING CONDUIT TO NEW FOUNDATION. PULL NEW STREET LIGHT CABLE BETWEEN POLES. (TYPICAL)
- CONTACT VILLAGE OF SKOKIE FOR ACCESS TO THE VILLAGES EXISTING STREET LIGHTING CONTROL CENTER LOCATED AT NORTHWEST GOLF ROAD/SKOKIE BOULEVARD.



MODEL: TS Sheets
FILE NAME: c:\bms\p-c-pw-01\dms\13650\W08-ref-border.dgn



USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN - CPM/CA	REVISED -
PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

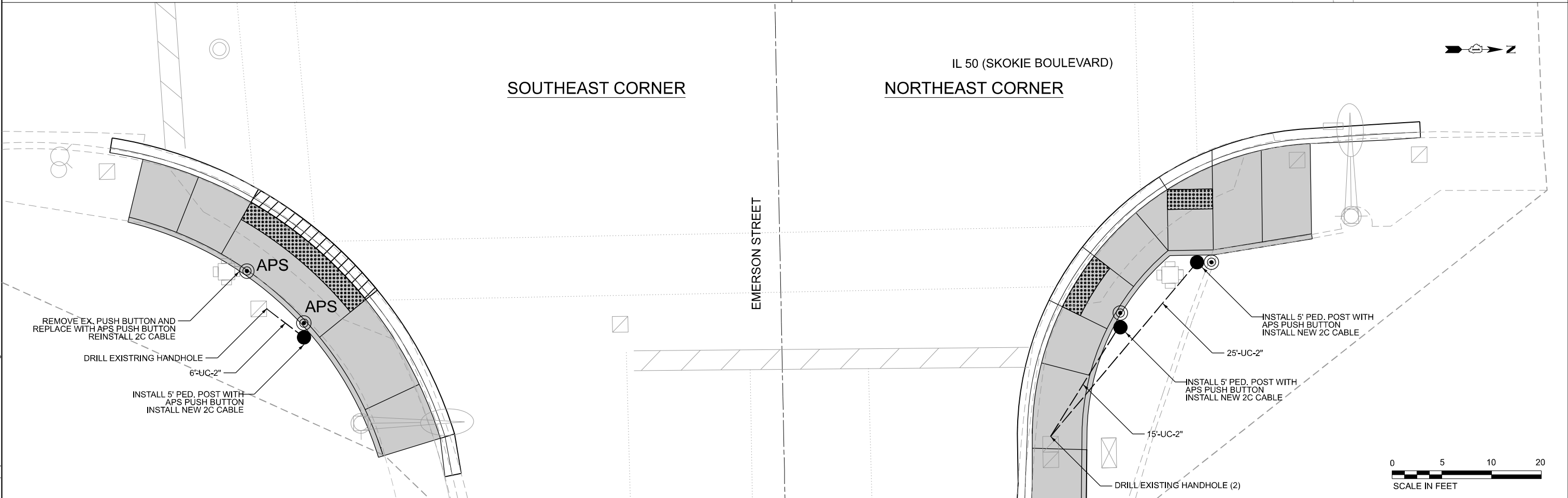
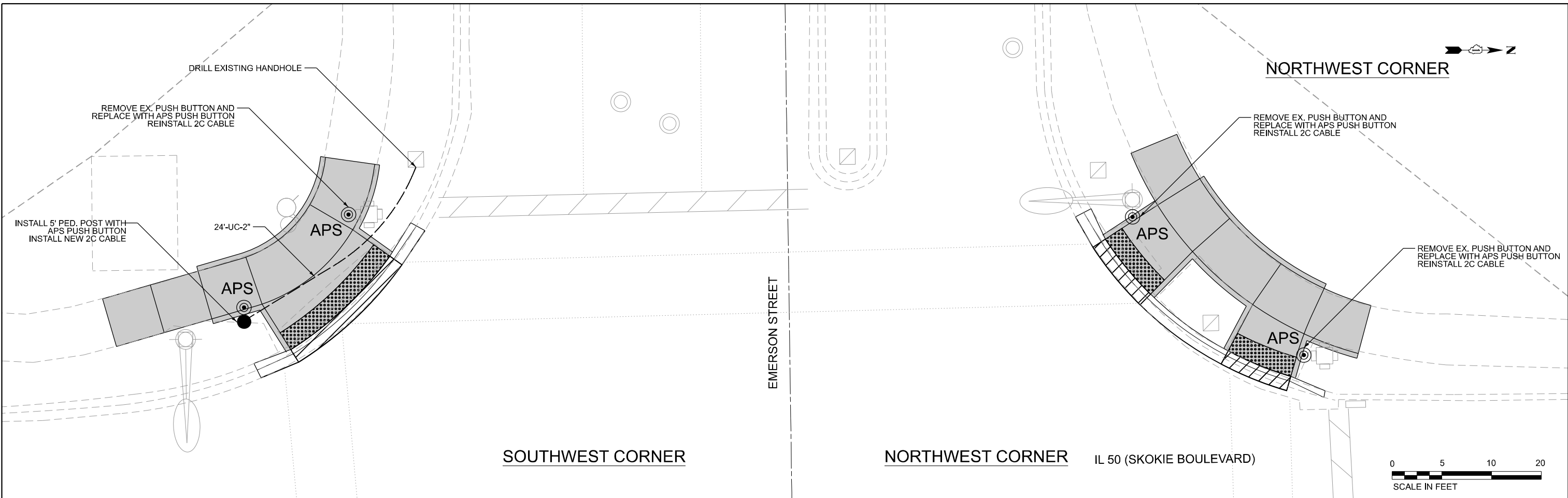
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT (SHEET 1 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND EMERSON ST**

SCALE: NTS SHEET 37 OF 44 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	108
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

**TS 1520
ECON 2**



MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

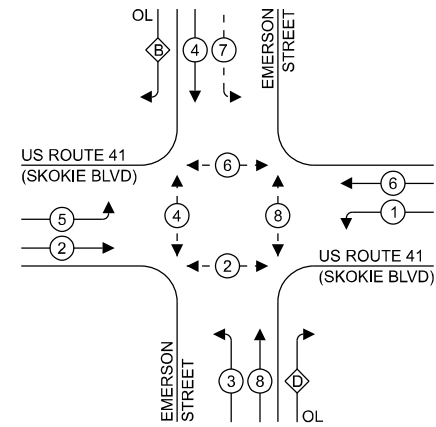
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND EMERSON ST

SCALE: 1" = 5' SHEET 38 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	109
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



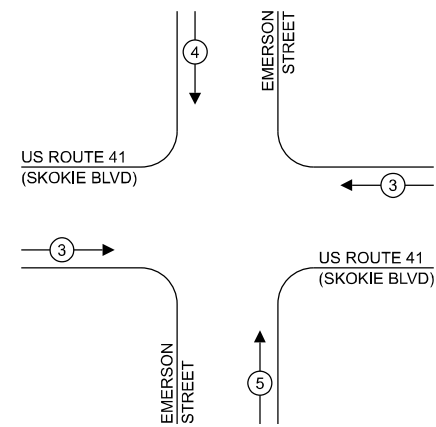
LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4 + 5	
D	= 8 + 1	

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

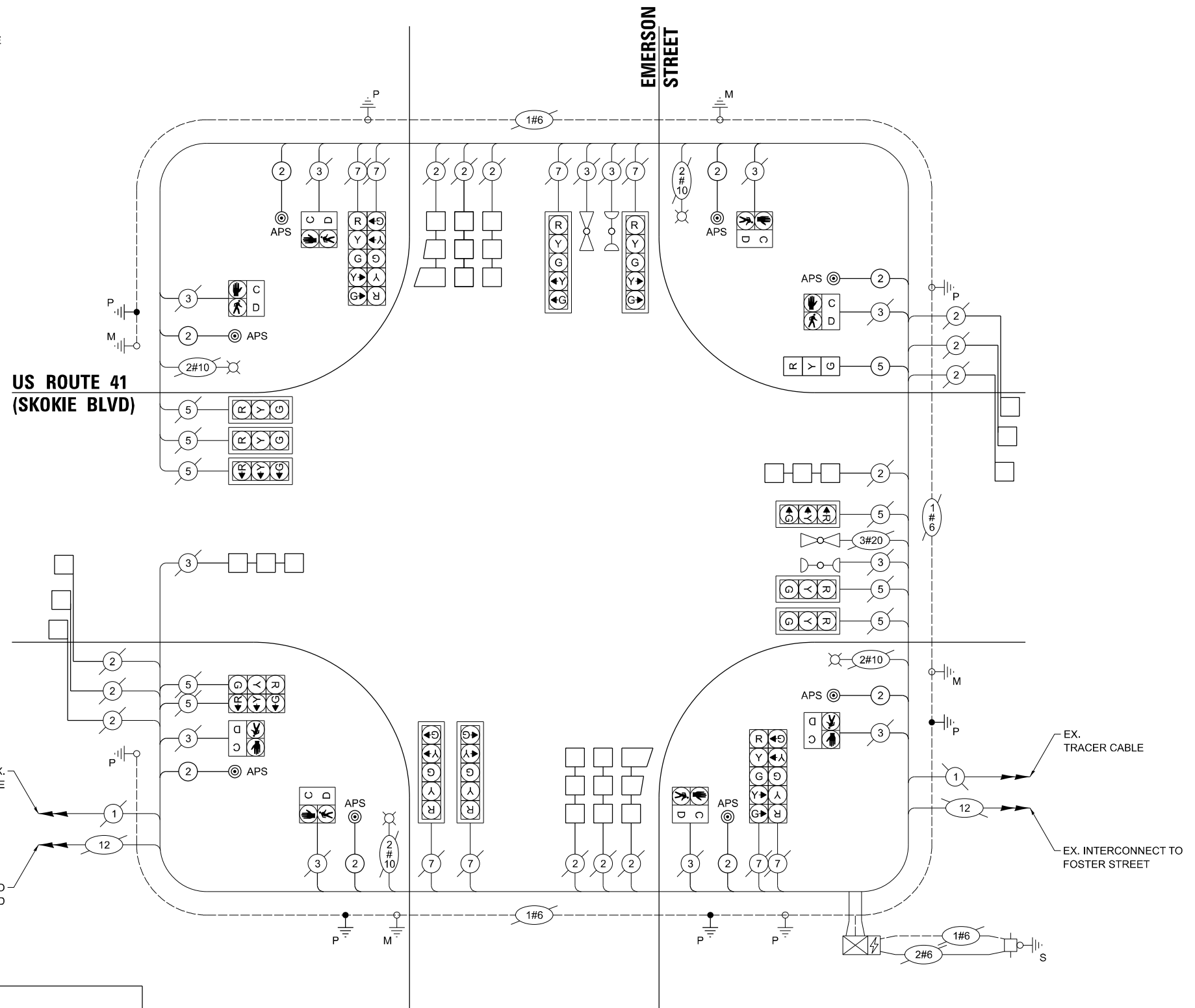
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING			507
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	2	15	30
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING			2,072

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS / DISTRICT 1
201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
PHONE: (847) 929-2342
COMPANY: COMED
ACCOUNT NUMBER: 85890-51222
METER NUMBER: ---

US ROUTE 41 (SKOKIE BLVD)



CABLE PLAN
(NOT TO SCALE)

MODEL: TS Sheets
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PLOT DATE = 3/19/2026

DESIGNED - LDV
DRAWN - CPM/CA
CHECKED - MJJ/CP
DATE - 3/19/2026

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND EMERSON ST

SCALE: NTS SHEET 39 OF 44 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	110
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1520

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	764
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1296
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	82
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1520

MODEL: TS Sheets
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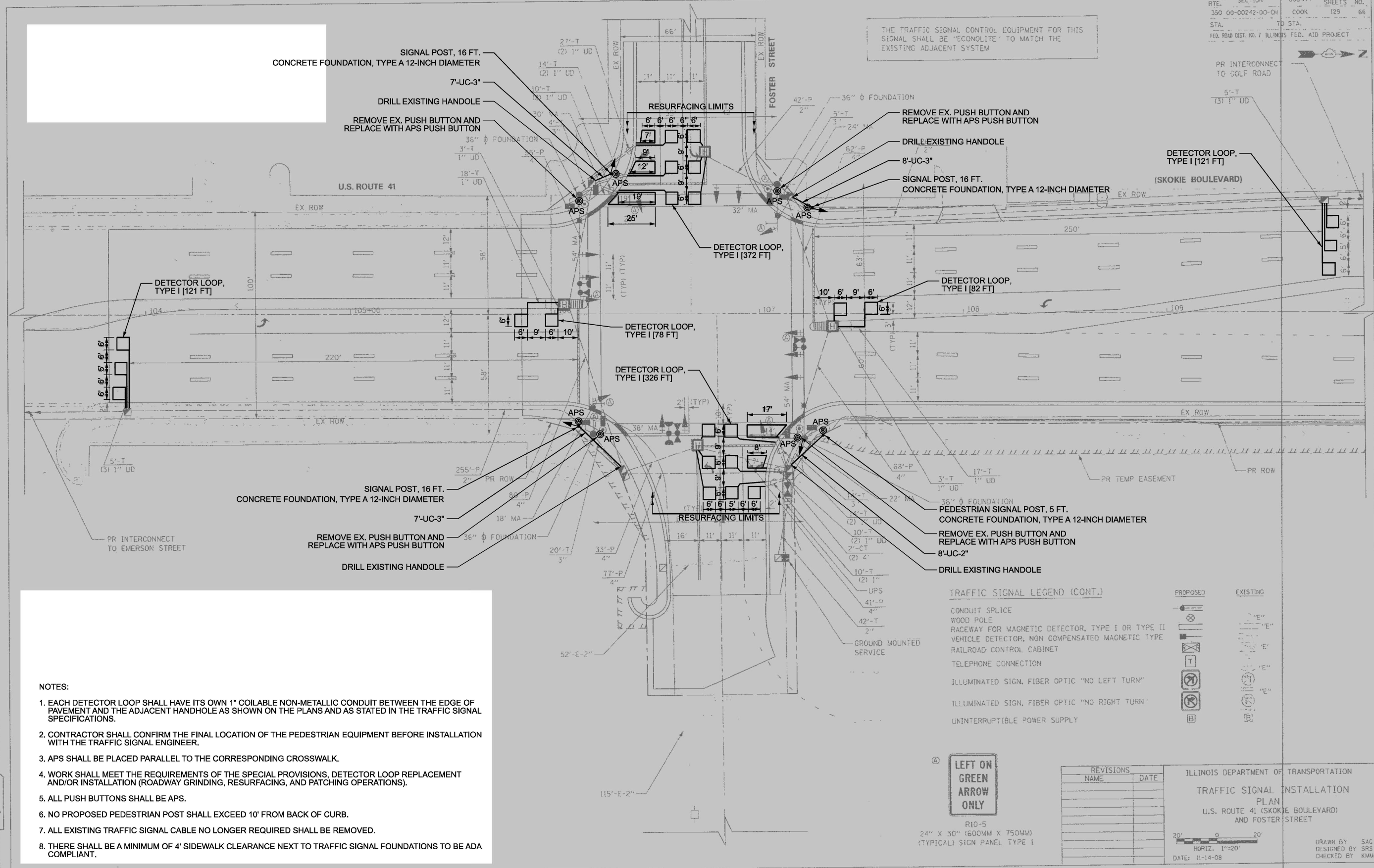
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PLOT SCALE = 40,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND EMERSON ST**

SCALE: NTS SHEET 40 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	111
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
 2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
 3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
 4. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
 5. ALL PUSH BUTTONS SHALL BE APS.
 6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10' FROM BACK OF CURB.
 7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
 8. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.

LEFT ON GREEN ARROW ONLY

R10-5
 24" X 30" (600MM X 750MM)
 (TYPICAL) SIGN PANEL TYPE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL INSTALLATION
 PLAN
 U.S. ROUTE 41 (SKOKIE BOULEVARD)
 AND FOSTER STREET

DATE: 11-14-08

DRAWN BY: SAC
 DESIGNED BY: SRS
 CHECKED BY: KJM

PLOT DATE = 11/13/2026
 FILE NAME = 81111.dwg
 USER NAME = 415676

1051 PERIMETER DRIVE, SUITE 1025
 SHAMBURG, ILLINOIS 60173
 (847) 605-9600



MODEL: TS Sheets
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	DATE - 4/29/2026	REVISED -

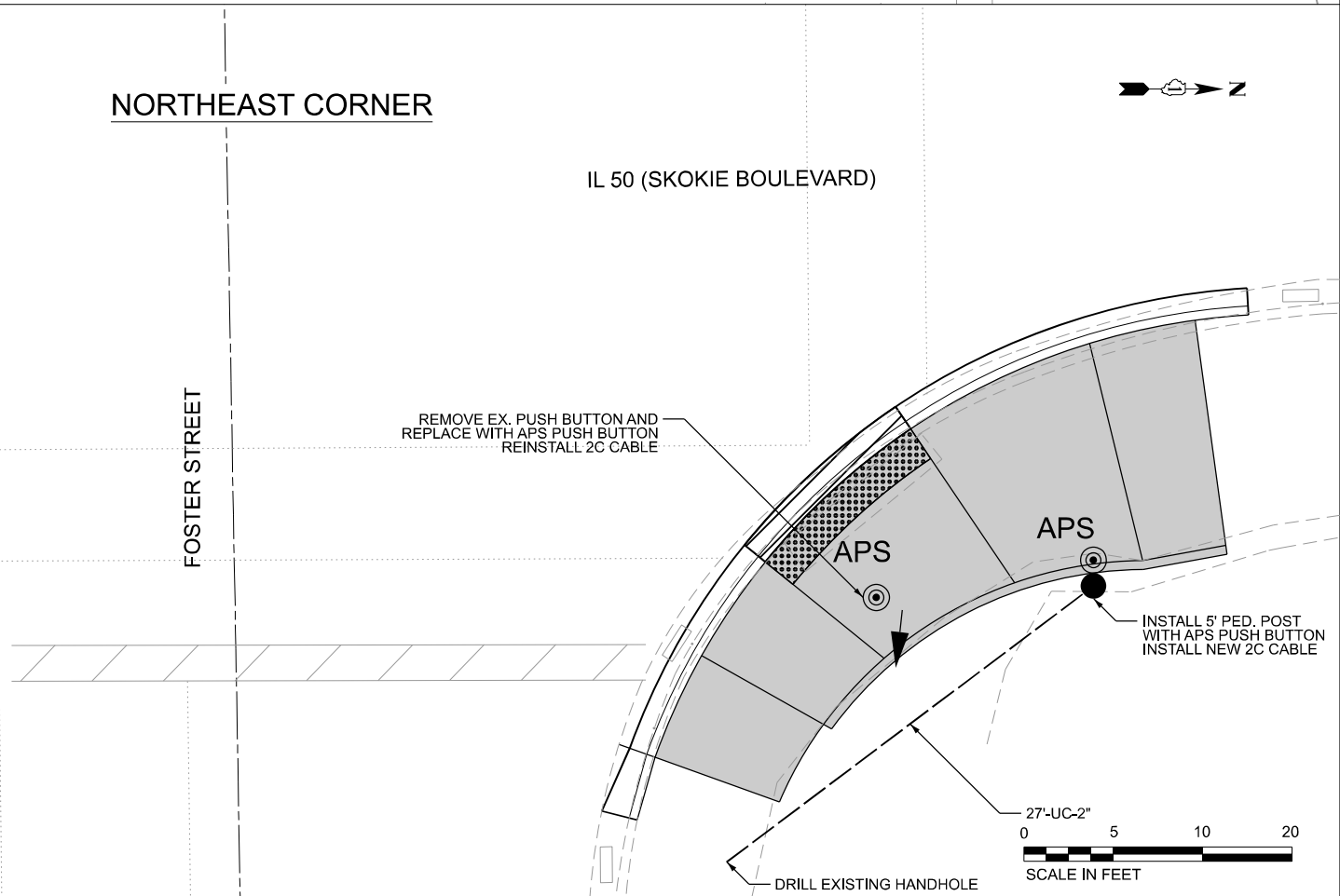
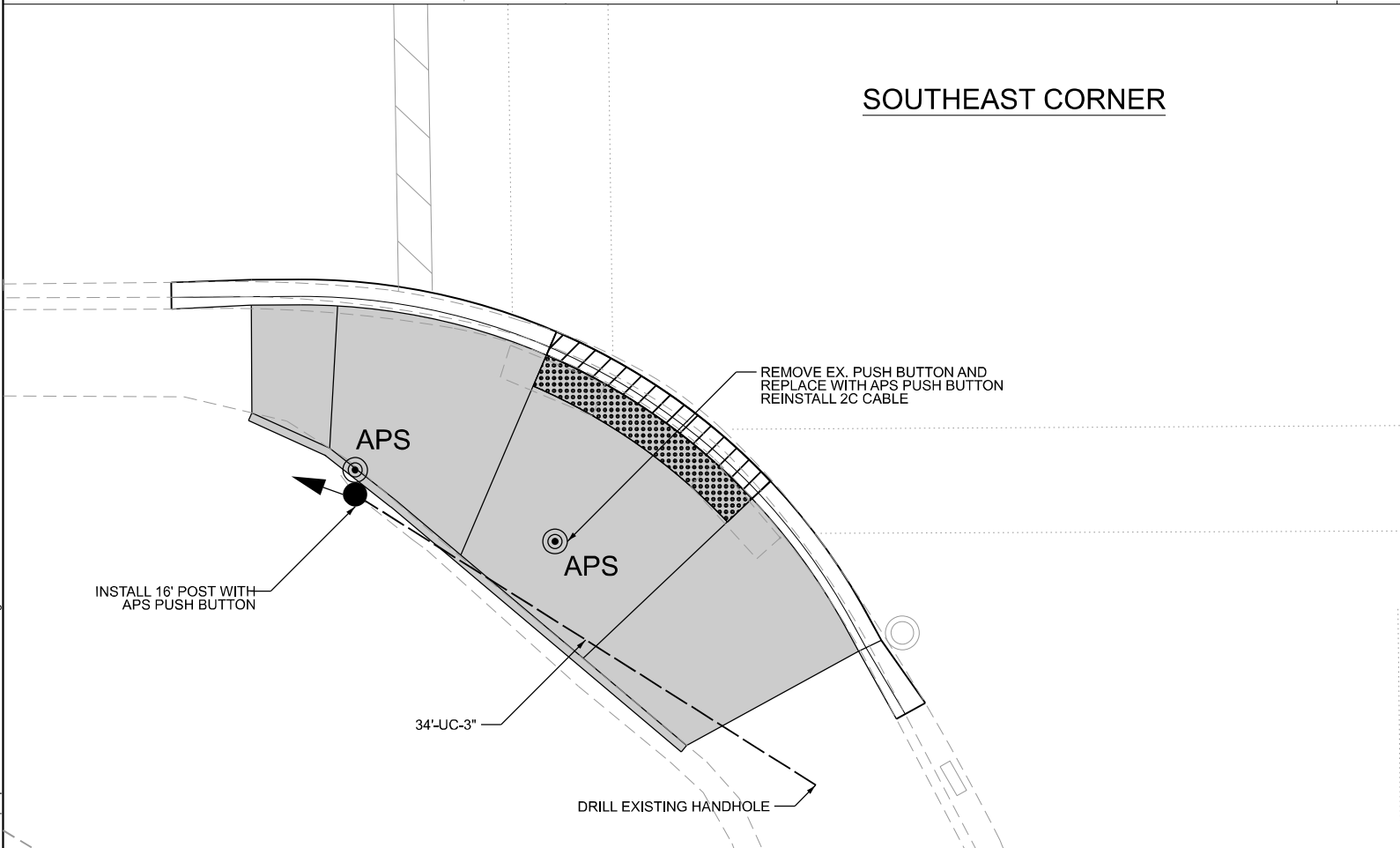
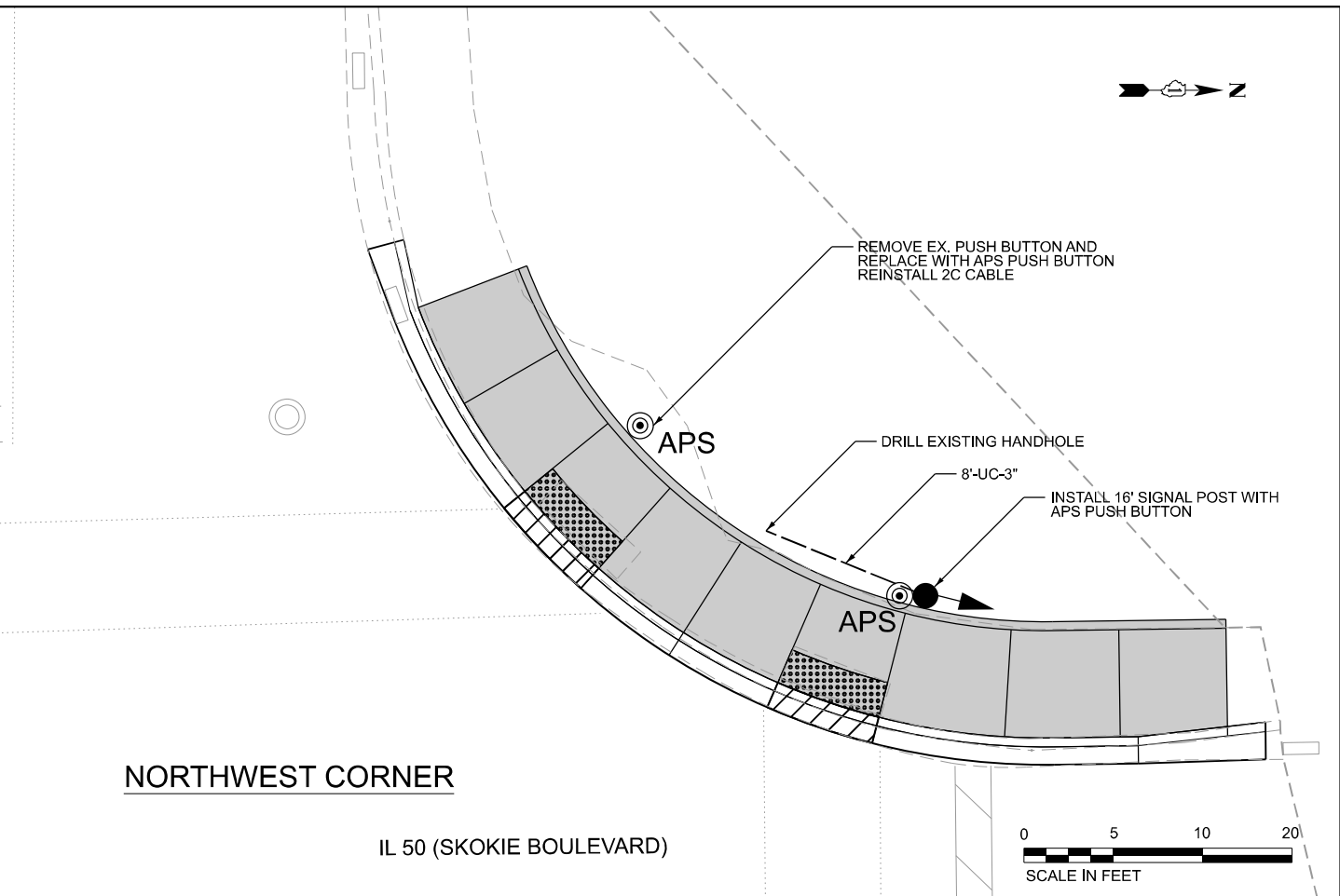
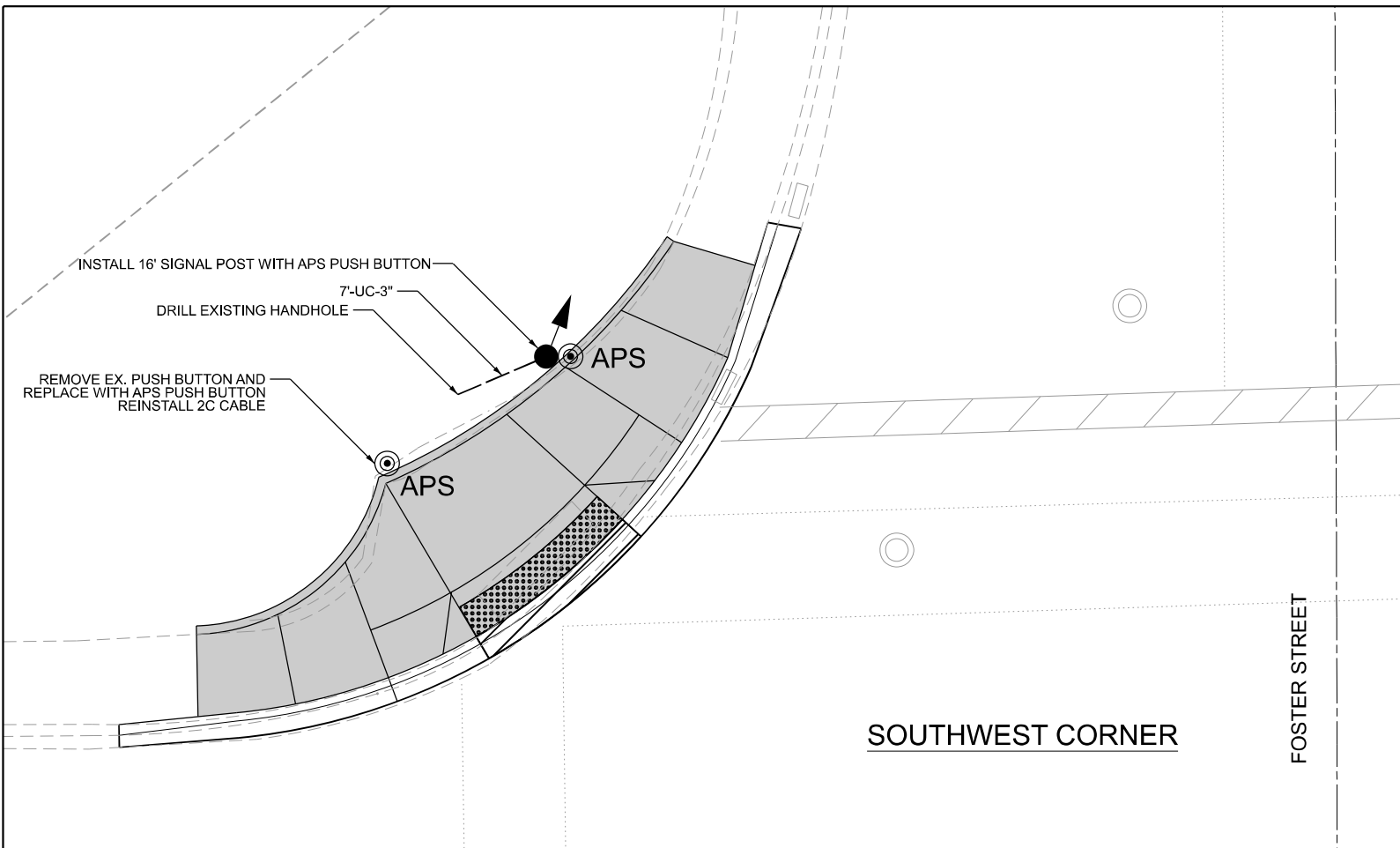
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT (SHEET 1 OF 2)
 US ROUTE 41 (SKOKIE BLVD) AND FOSTER ST

SCALE: NTS SHEET 41 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	112
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS-1555
 ECON 2



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	DRAWN - CPM/CA	REVISED -
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

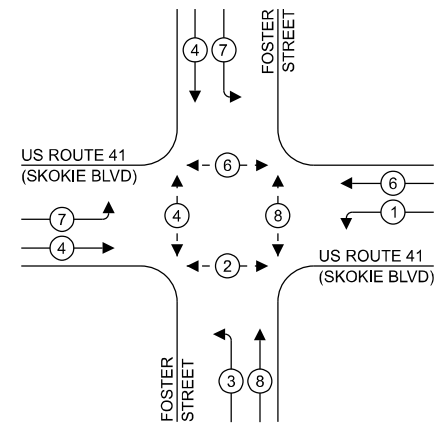
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APS AND DETECTOR LOOP REPLACEMENT PLAN (SHEET 2 OF 2)
US ROUTE 41 (SKOKIE BLVD) AND FOSTER ST**

SCALE: 1" = 5' SHEET 42 OF 44 SHEETS STA. TO STA.

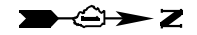
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	113
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE

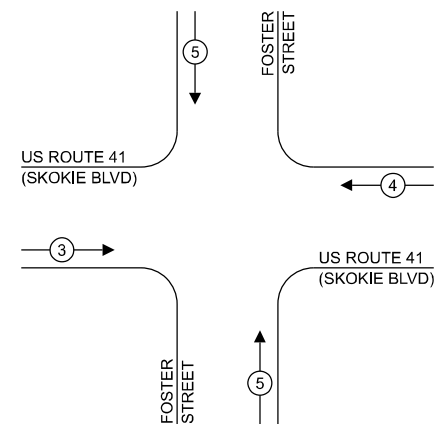


LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * OL → OVERLAP



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

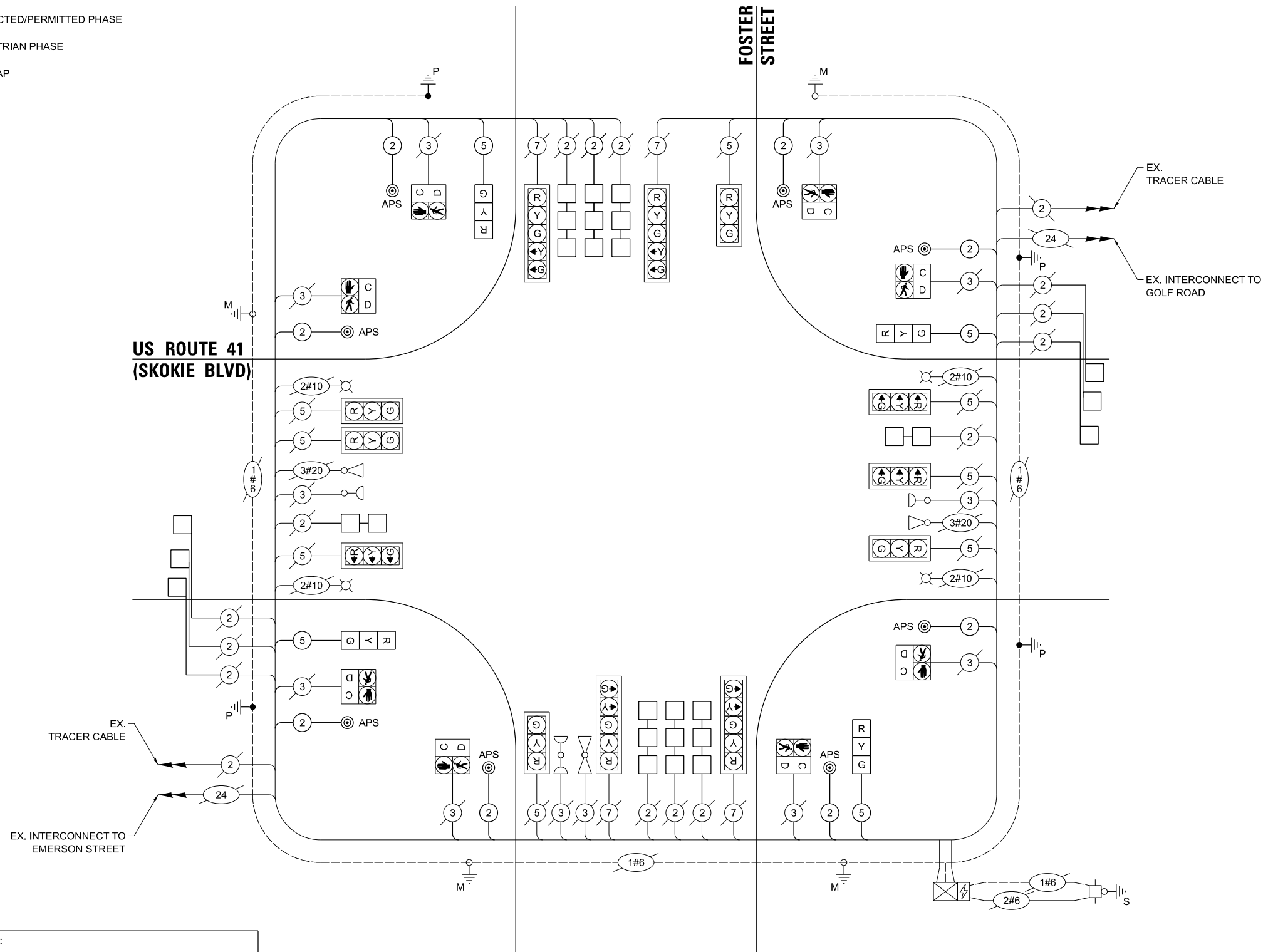
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	12	11	132
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	8	15	120
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING	529		
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	3	15	45
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING	2,139		

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS / DISTRICT 1
 201 WEST CENTER COURT, SHAUMBURG, ILLINOIS 60196

ENERGY SUPPLY: CONTACT: CHARLES HICKS
 PHONE: (847) 929-2342
 COMPANY: COMED
 ACCOUNT NUMBER: 85890-51222
 METER NUMBER: ---

US ROUTE 41 (SKOKIE BLVD)



CABLE PLAN
(NOT TO SCALE)

MODEL: TS Sheets
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USER NAME = (USERNAME)
 PLOT SCALE = 40,000' / in.
 PLOT DATE = 3/19/2026

DESIGNED - LDV
 DRAWN - CPM/CA
 CHECKED - MJJ/CP
 DATE - 3/19/2026

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
US ROUTE 41 (SKOKIE BLVD) AND FOSTER ST

SCALE: NTS SHEET 43 OF 44 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	114
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TS 1555

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP, TYPE I	FOOT	1100
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	27
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1562
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	91
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	12
DRILL EXISTING HANDHOLE	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	49
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	768
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 1555

MODEL: TS Sheets
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USER NAME = (USERNAME)	DESIGNED - LDV	REVISED -
	DRAWN - CPM/CA	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - MJJ/CP	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
US ROUTE 41 (SKOKIE BLVD) AND FOSTER ST**

SCALE: NTS SHEET 44 OF 44 SHEETS STA. TO STA.

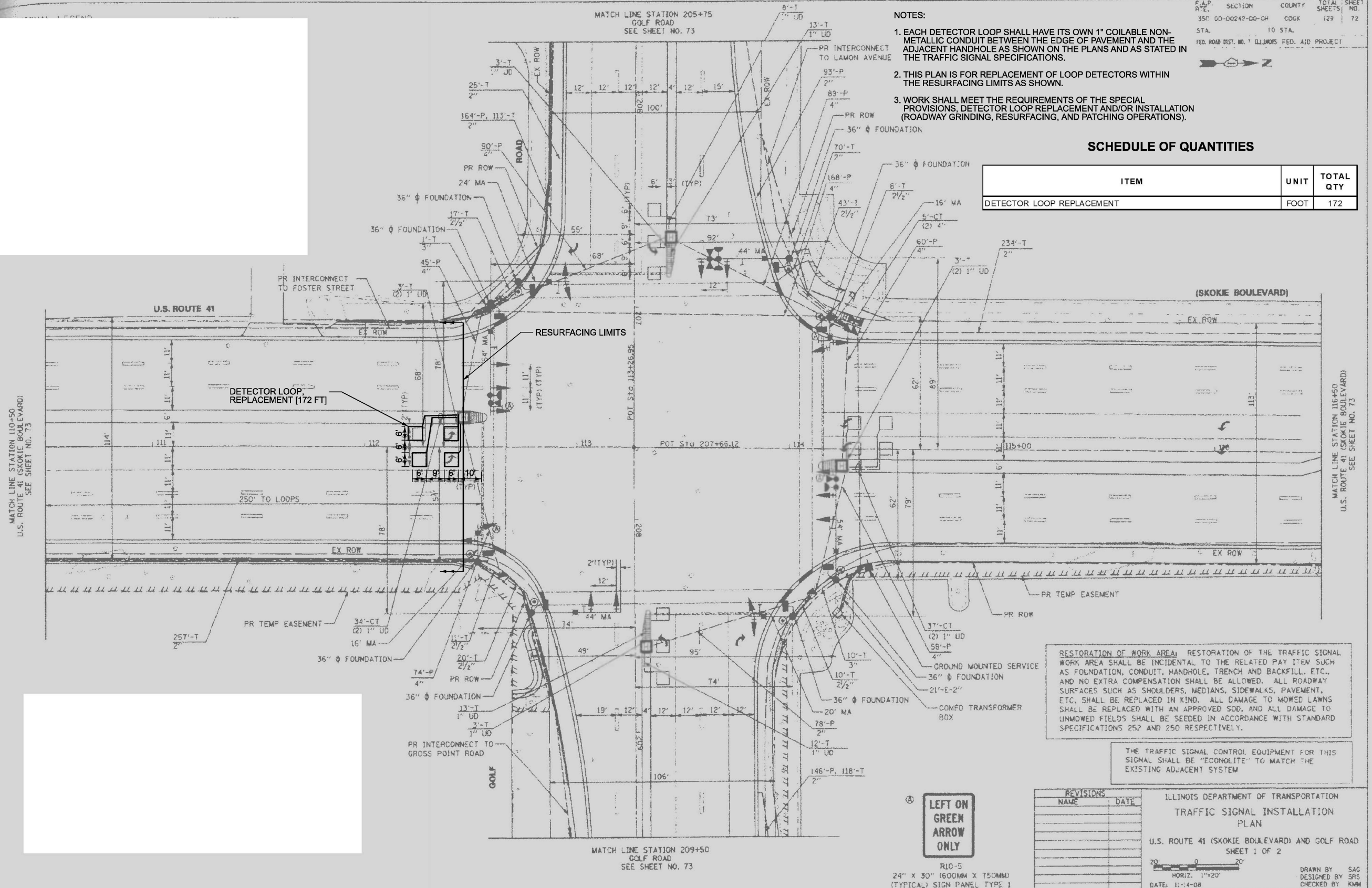
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	115
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-04	COOK	129	72
STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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

SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	172



RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

LEFT ON GREEN ARROW ONLY

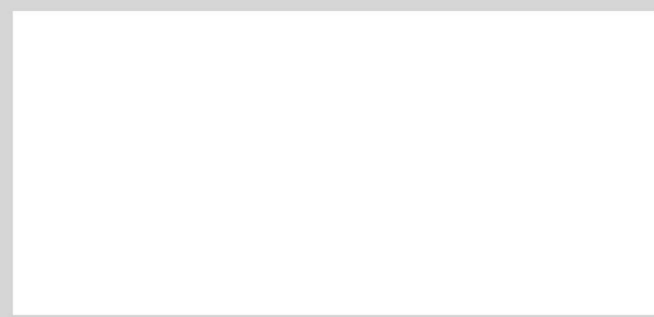
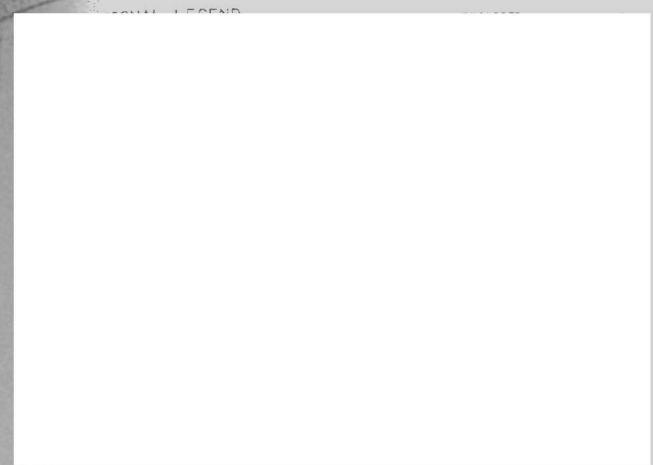
R10-5
24" X 30" (600MM X 750MM)
(TYPICAL) SIGN PANEL TYPE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INSTALLATION PLAN
U.S. ROUTE 41 (SKOKIE BOULEVARD) AND GOLF ROAD
SHEET 1 OF 2

DATE: 11-14-08

DRAWN BY: SAC
DESIGNED BY: SRS
CHECKED BY: KMM



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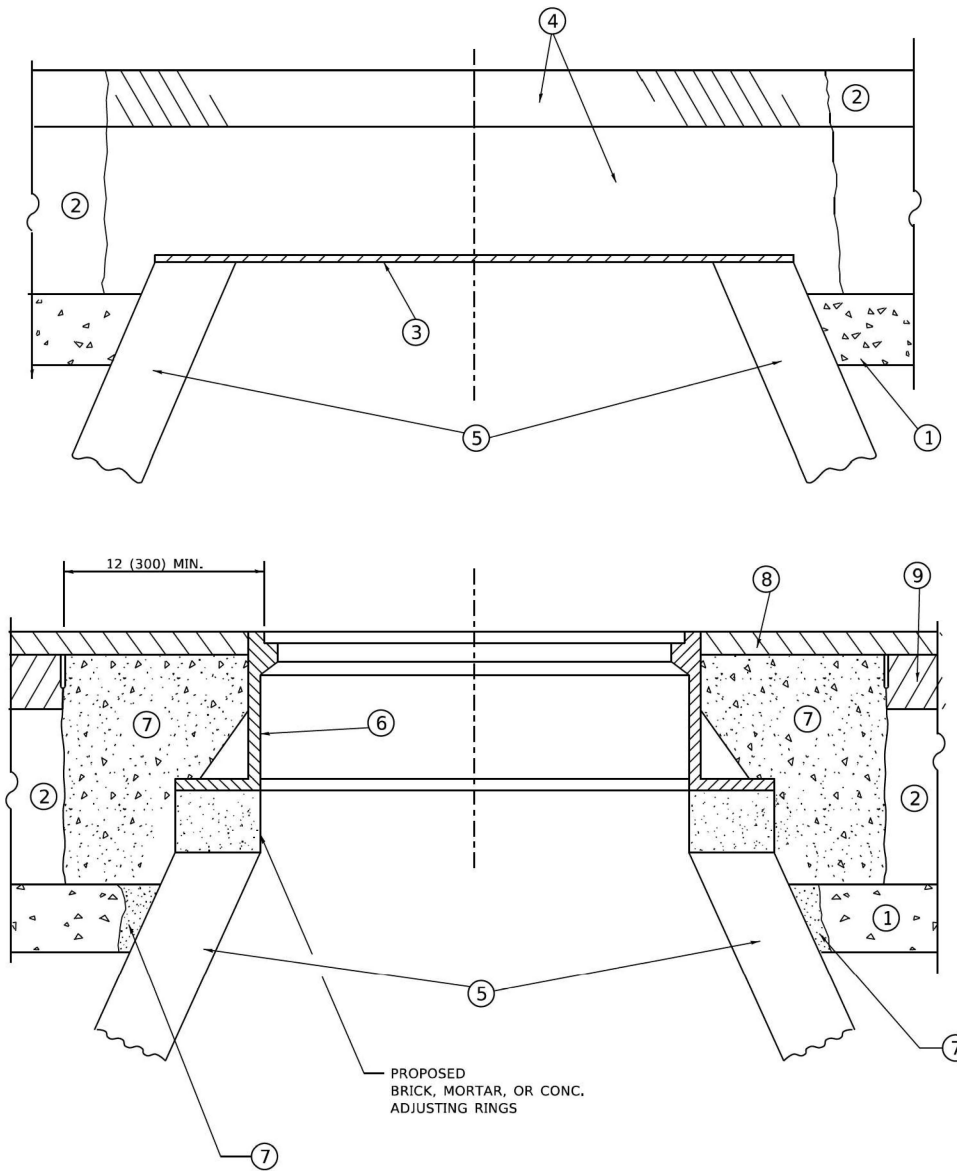
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PLOT DATE = 4/29/2026	CHECKED - MJJ/CP	REVISED -
	DATE - 4/29/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT
US ROUTE 41 (SKOKIE BLVD) AND GOLF RD**

SCALE: NTS SHEET 22 OF 44 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	116
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

- 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.
- 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.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- 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)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- 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

- 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)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 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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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET OF SHEETS STA. TO STA.

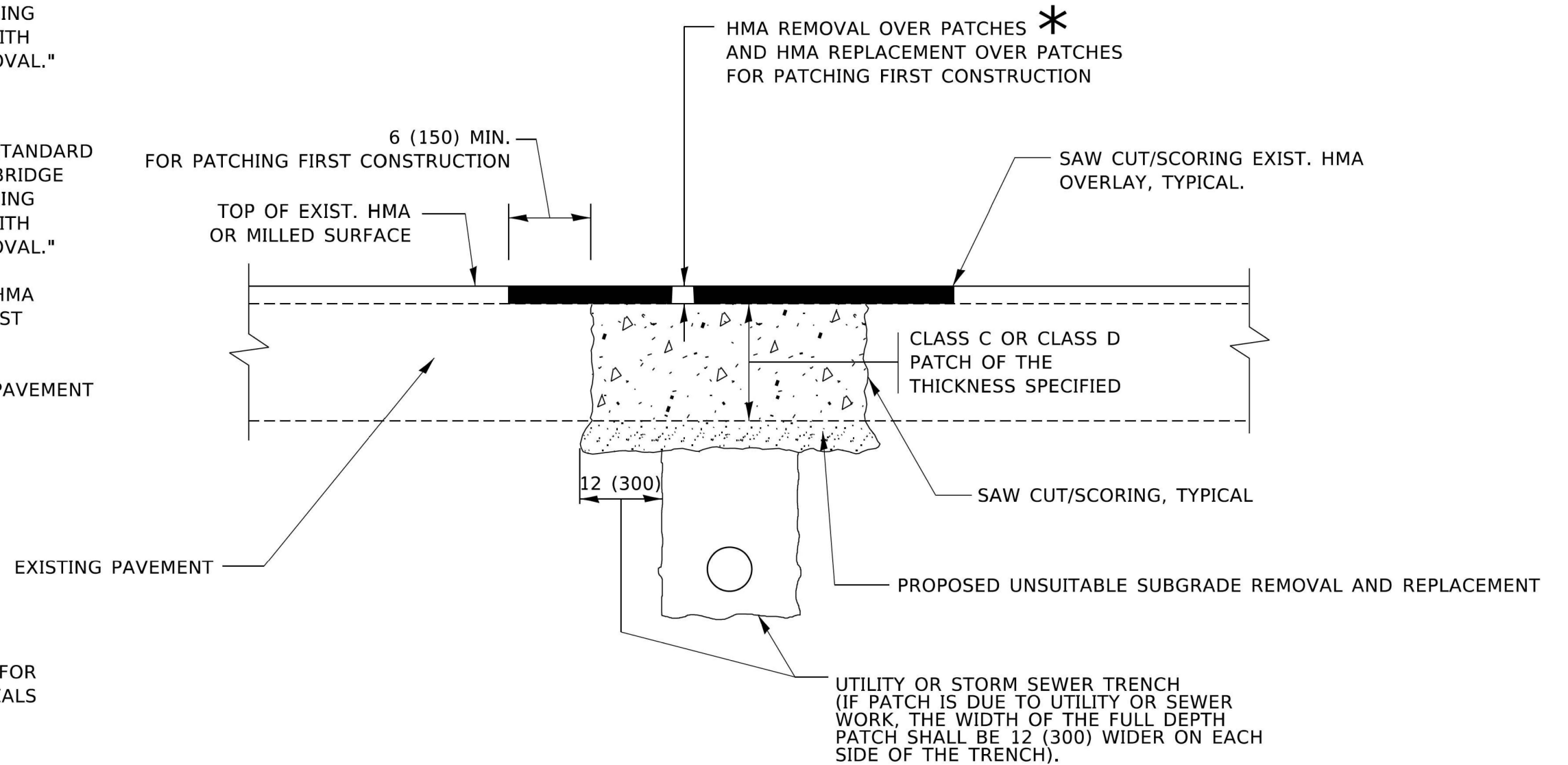
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	117
CONTRACT NO. 80B22			ILLINOIS FED. AID PROJECT	

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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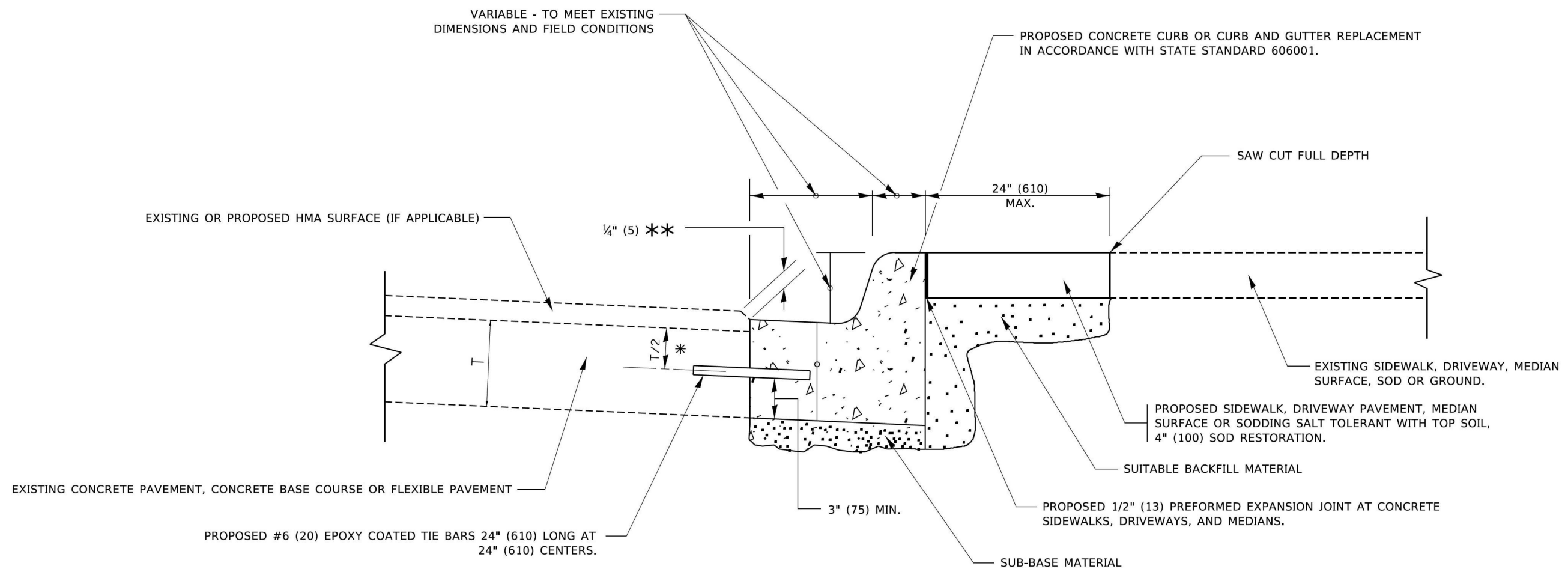
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	118
CONTRACT NO. 80B22				
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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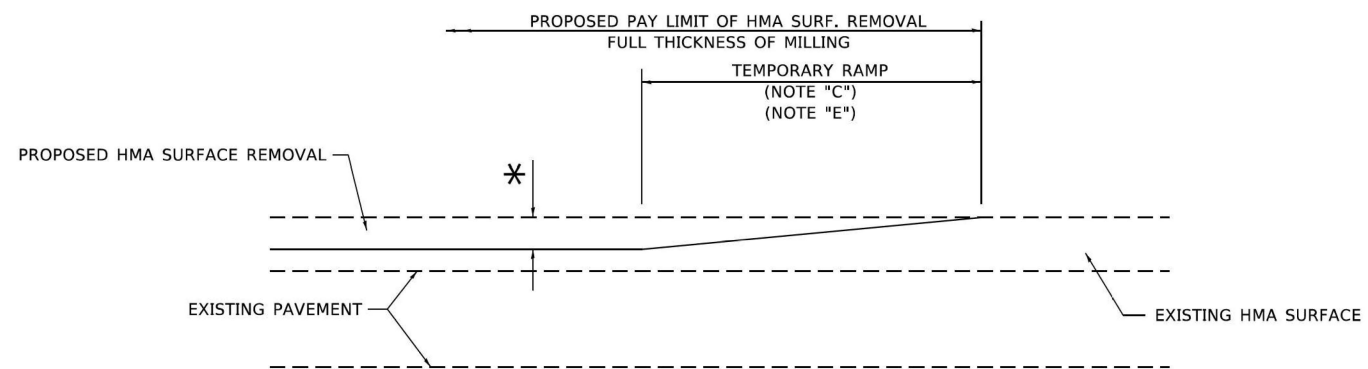
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

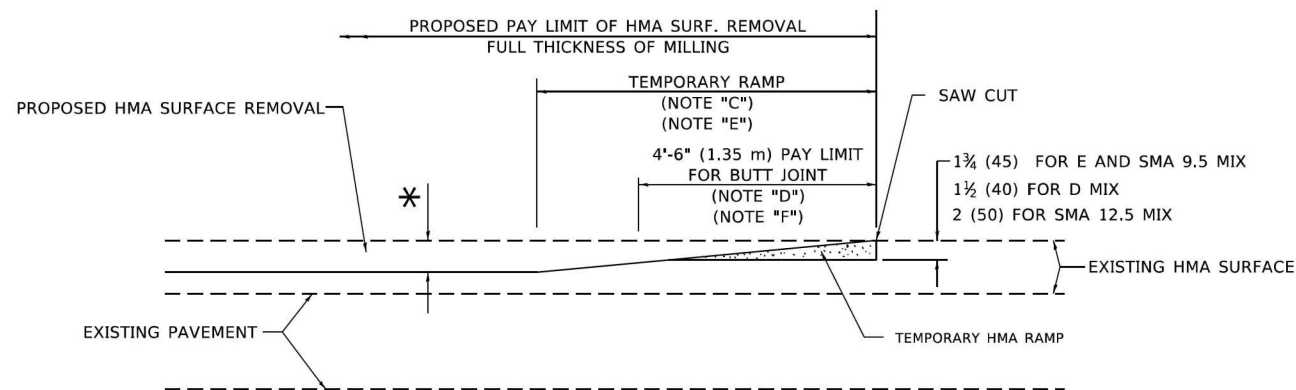
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	119
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



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

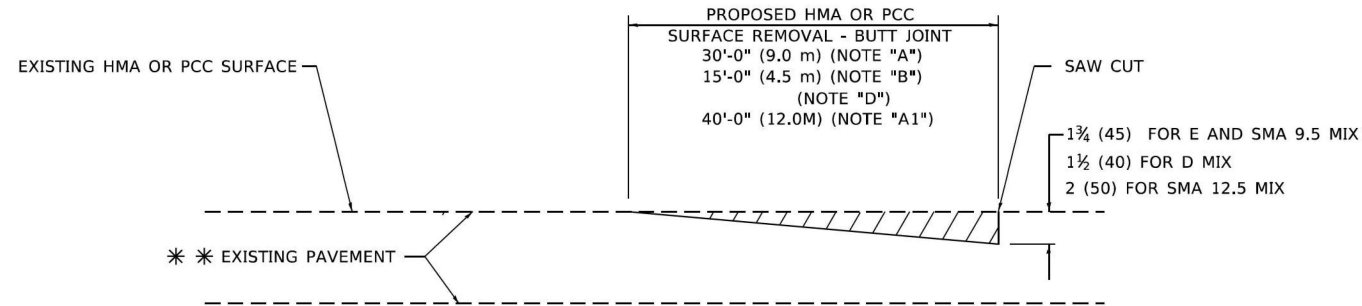
OPTION 1



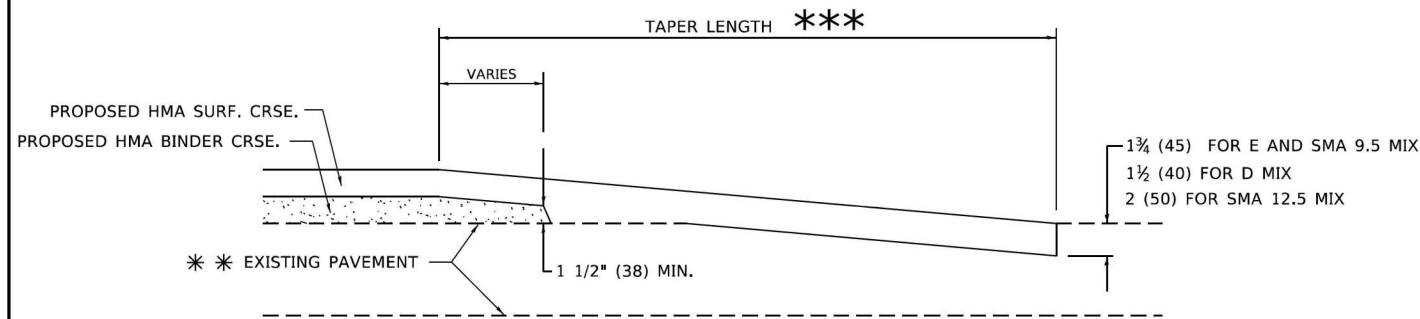
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

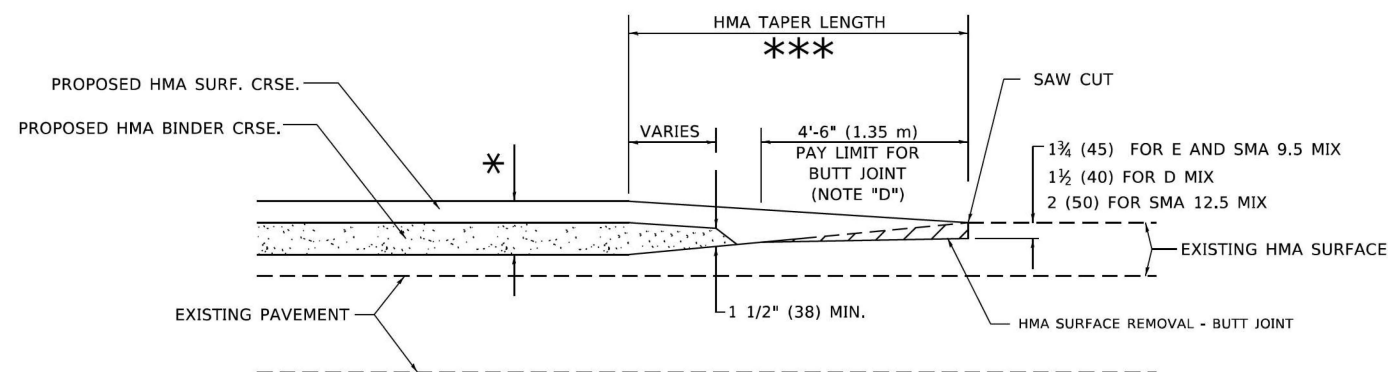
GENERAL NOTES

- 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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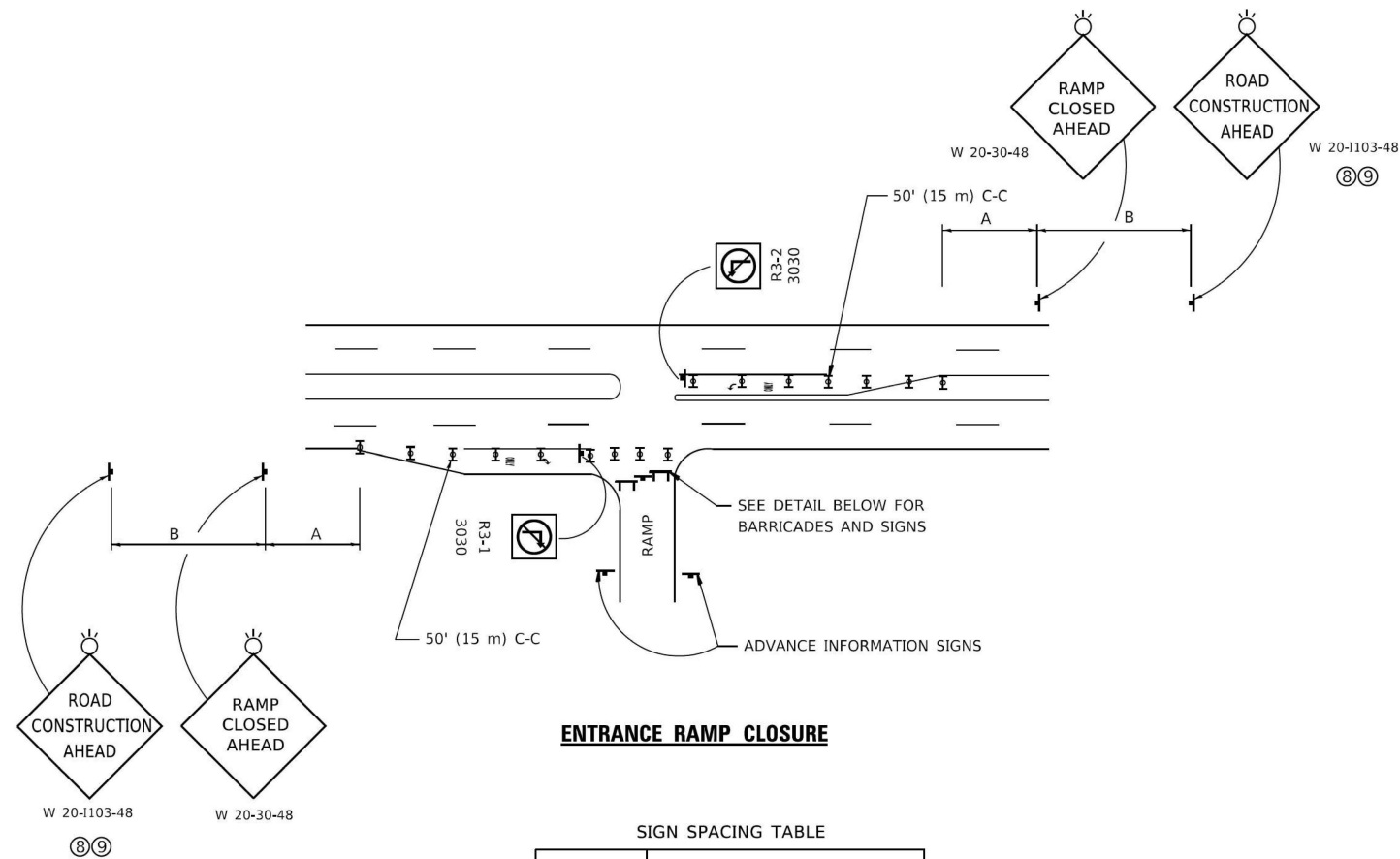
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	120
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

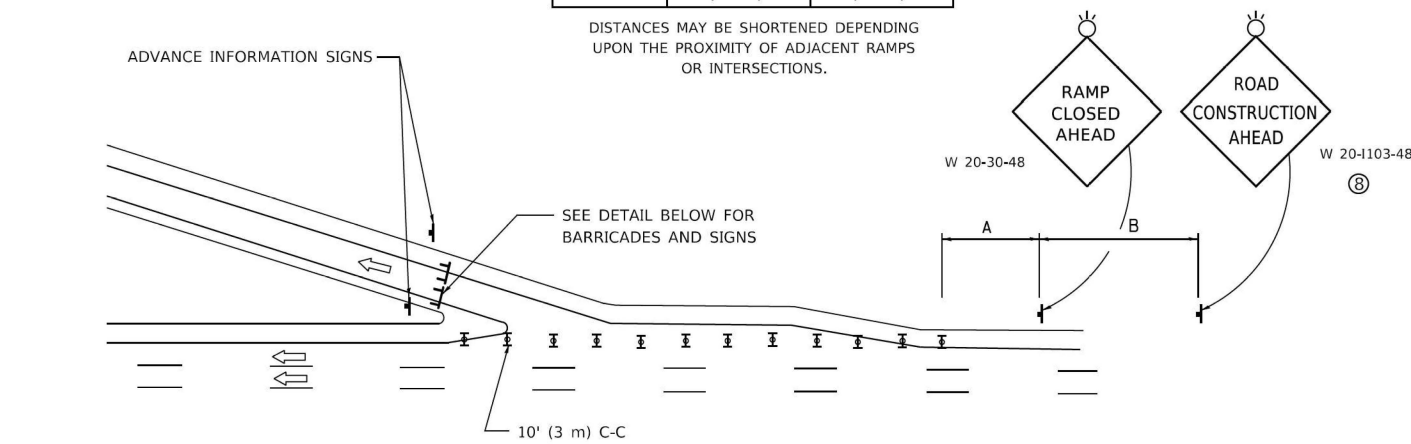


ENTRANCE RAMP CLOSURE

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)

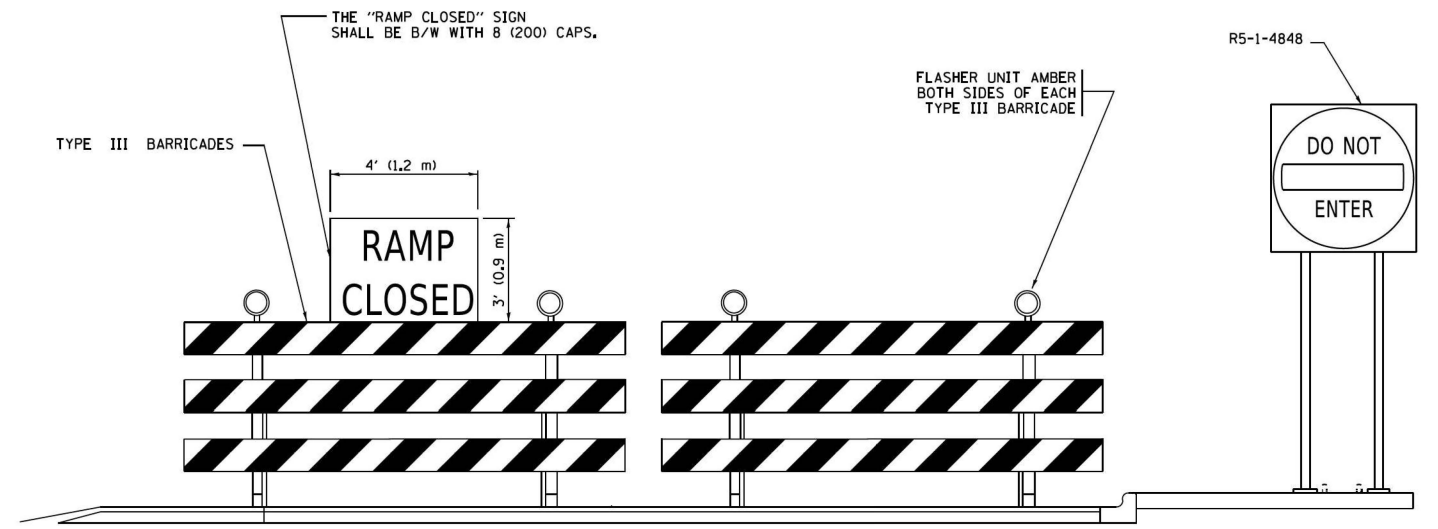
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

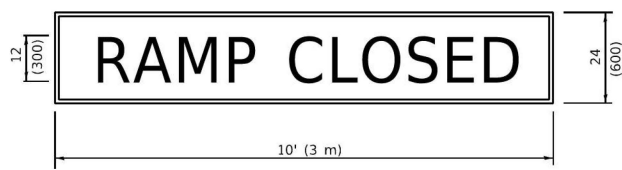
SYMBOLS

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



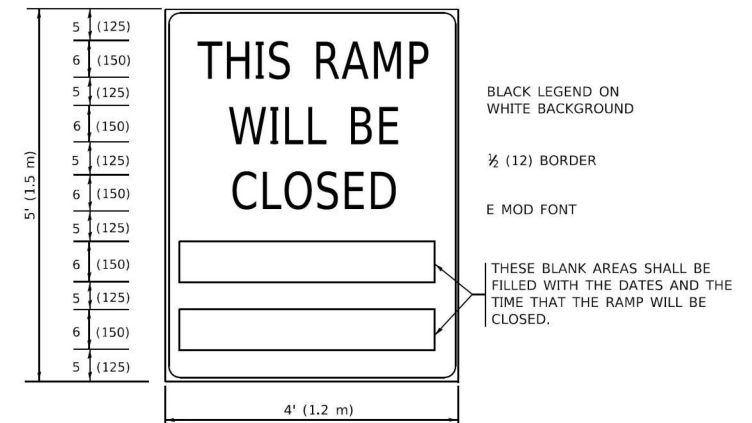
DETAIL FOR REQUIRED BARRICADES & SIGNS

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



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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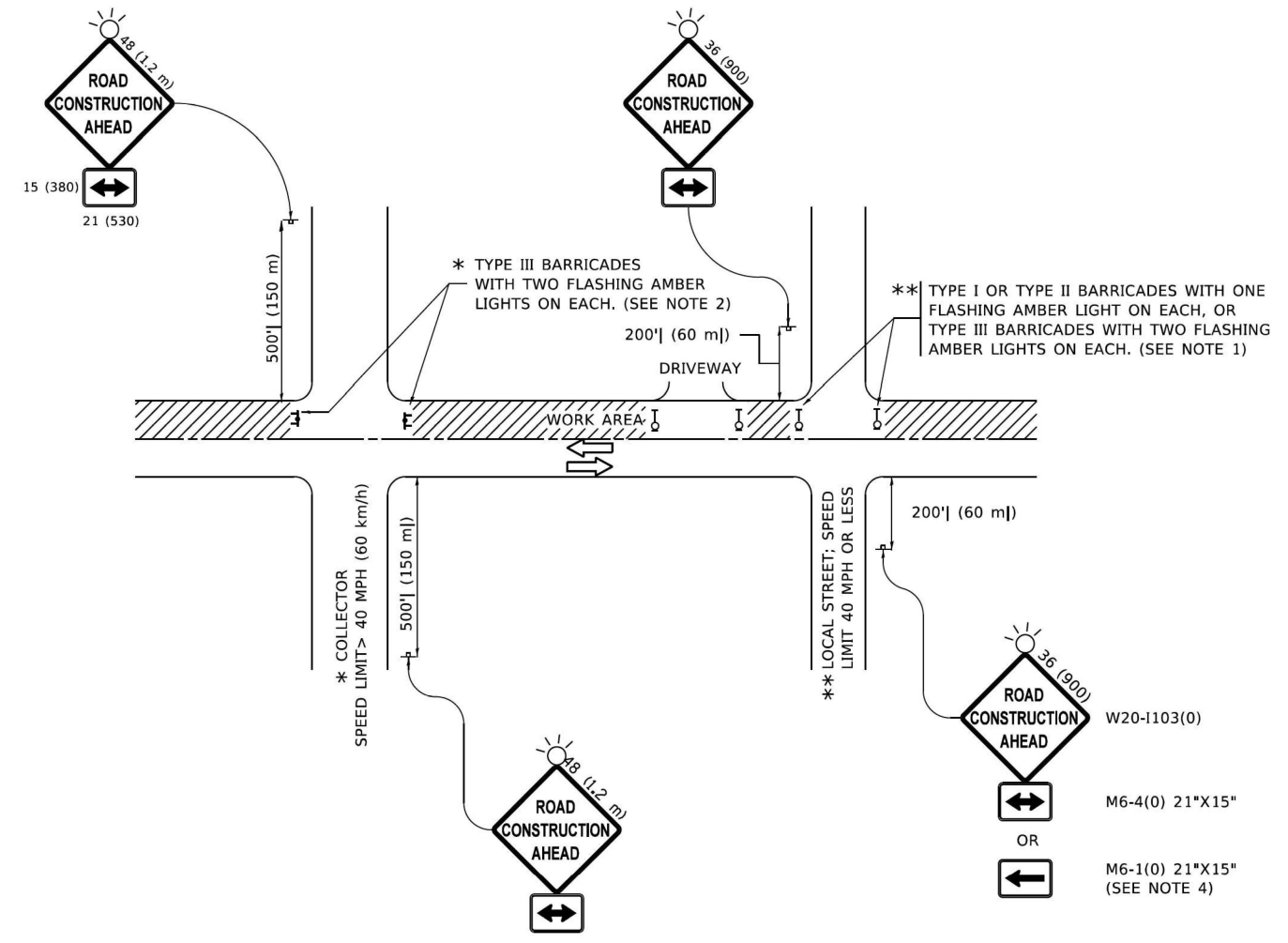
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	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	121
CONTRACT NO. 80B22				
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).
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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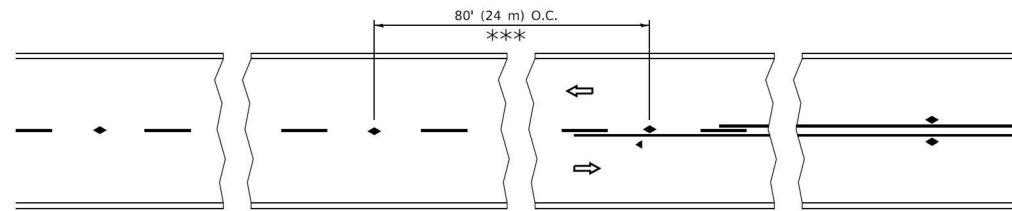
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

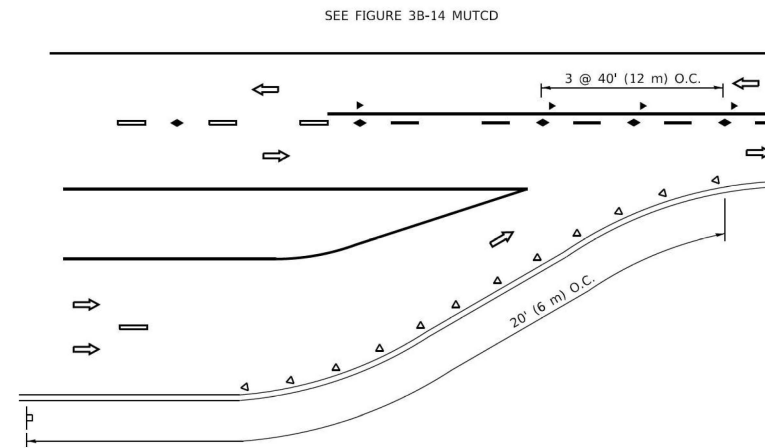
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	122
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

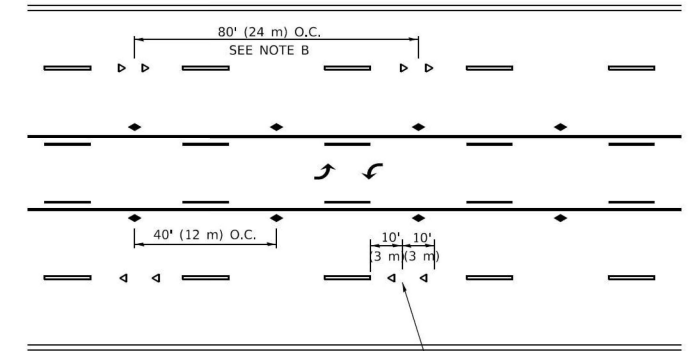


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

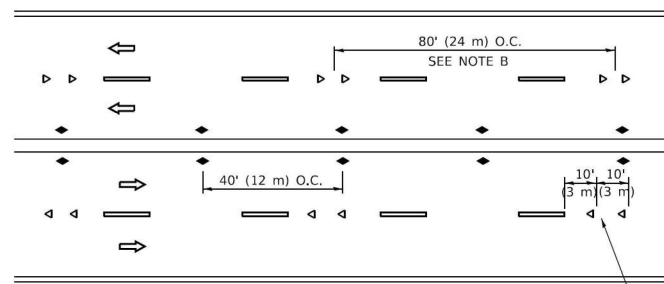
TWO-LANE/TWO-WAY



LANE REDUCTION TRANSITION

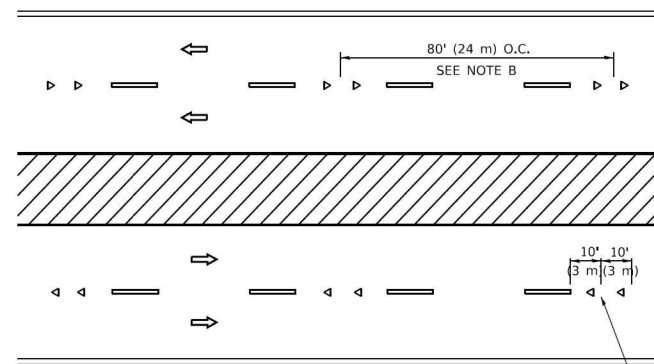


TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

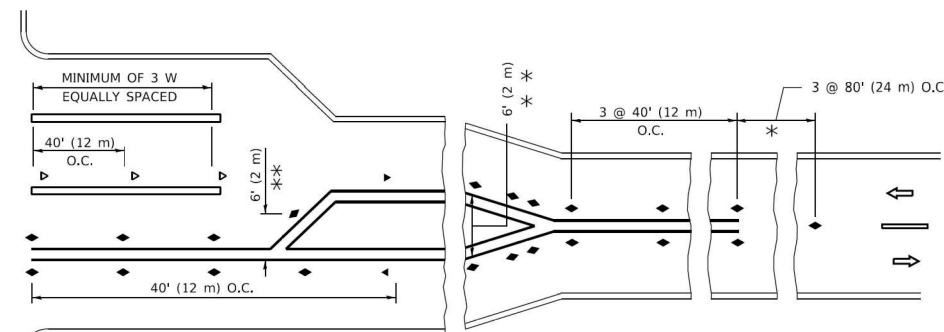
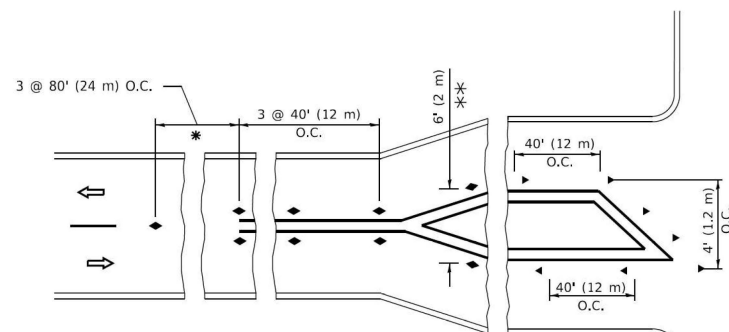
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



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

TURN LANES

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

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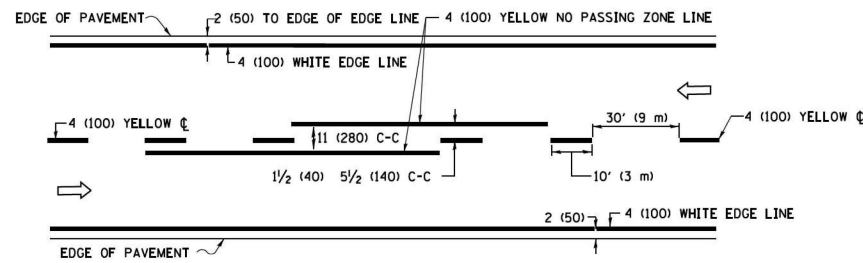
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

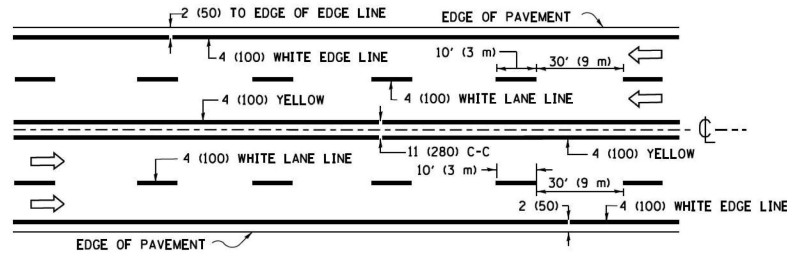
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: SHEET OF SHEETS STA. TO STA.

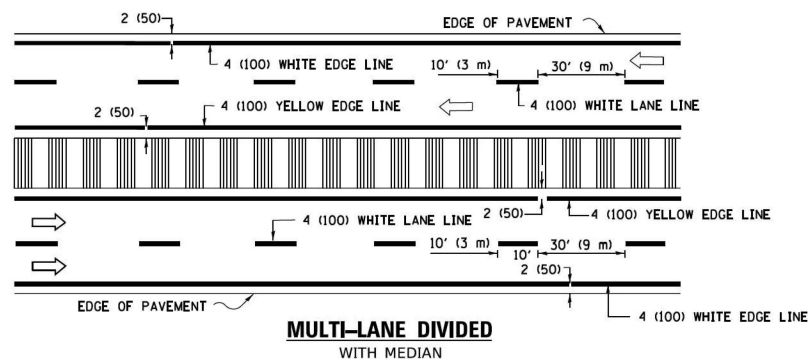
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	123
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

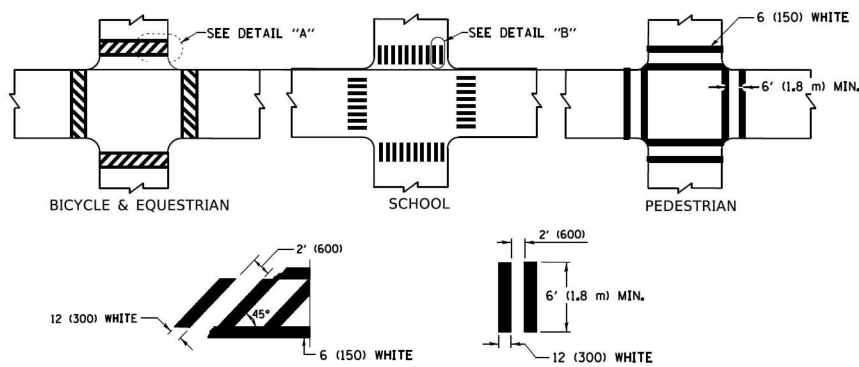


MULTI-LANE UNDIVIDED



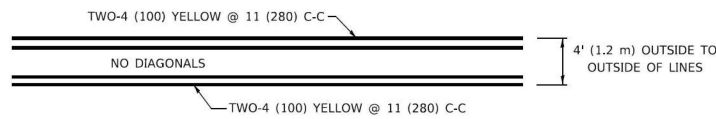
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

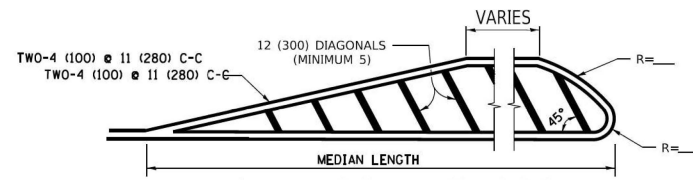


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

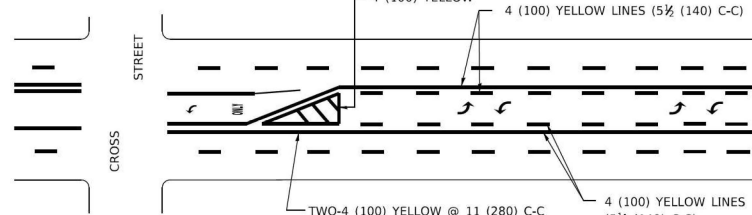


4' (1.2 m) WIDE MEDIANS ONLY

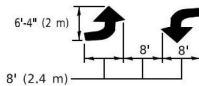


MEDIANS OVER 4' (1.2 m) WIDE

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))

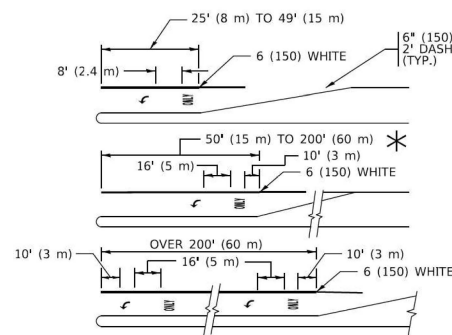


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

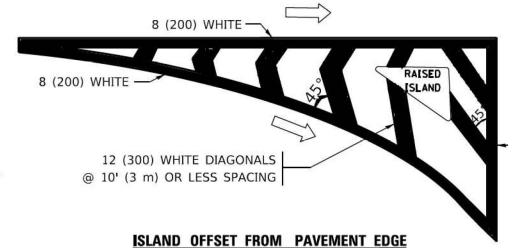


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

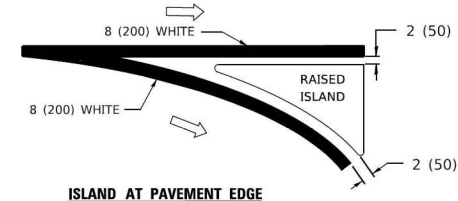
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

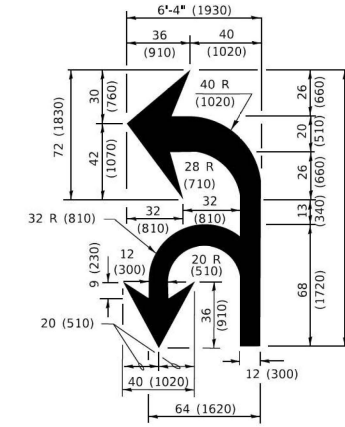


ISLAND OFFSET FROM PAVEMENT EDGE

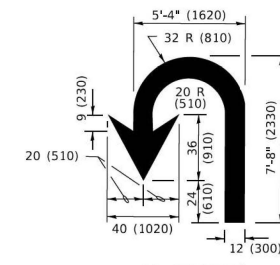


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

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	5/2 (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; 5/2 (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 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* 15' 6" (1.8 m) LETTERS: 15 (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.

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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	124

CONTRACT NO. 80B22

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

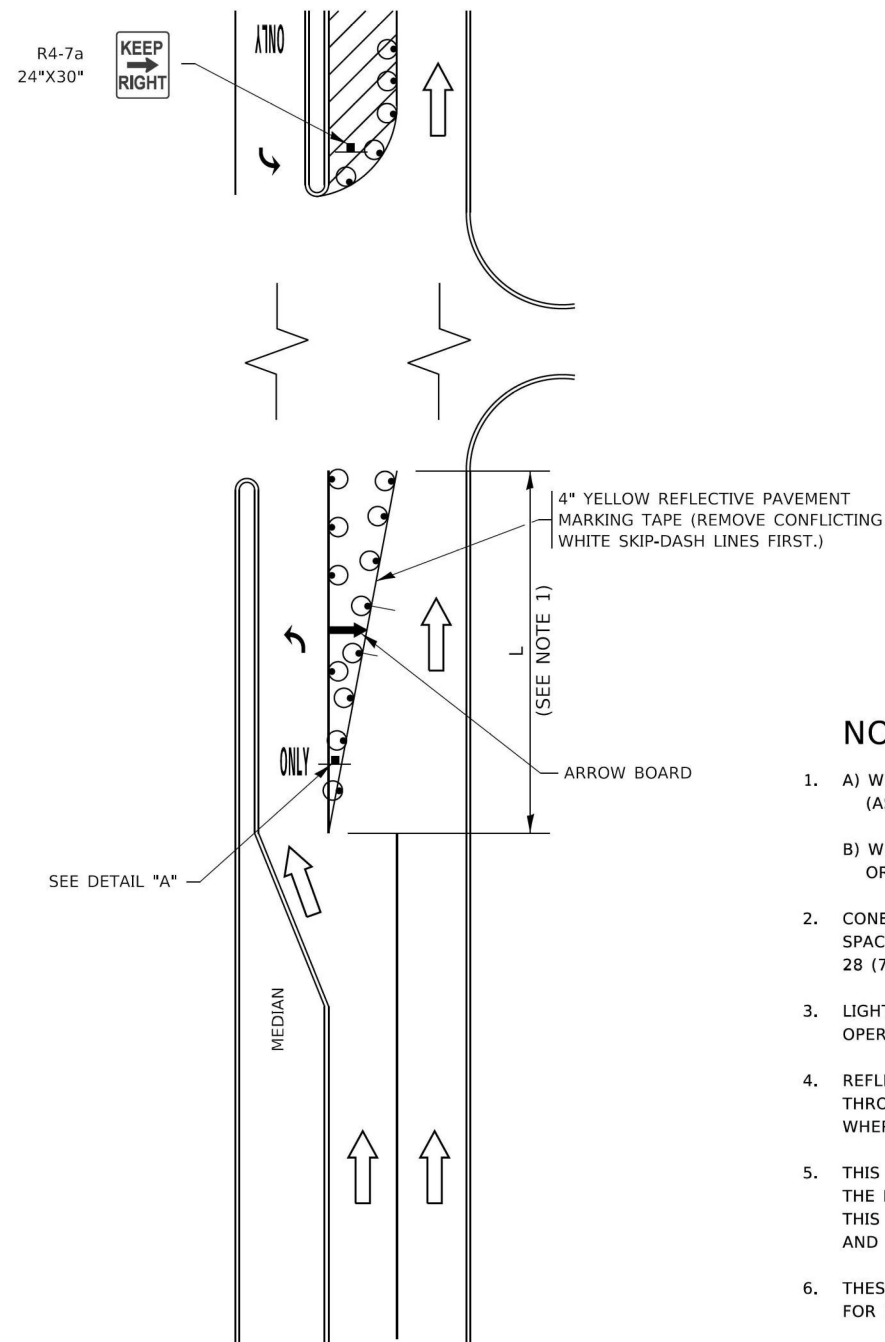


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

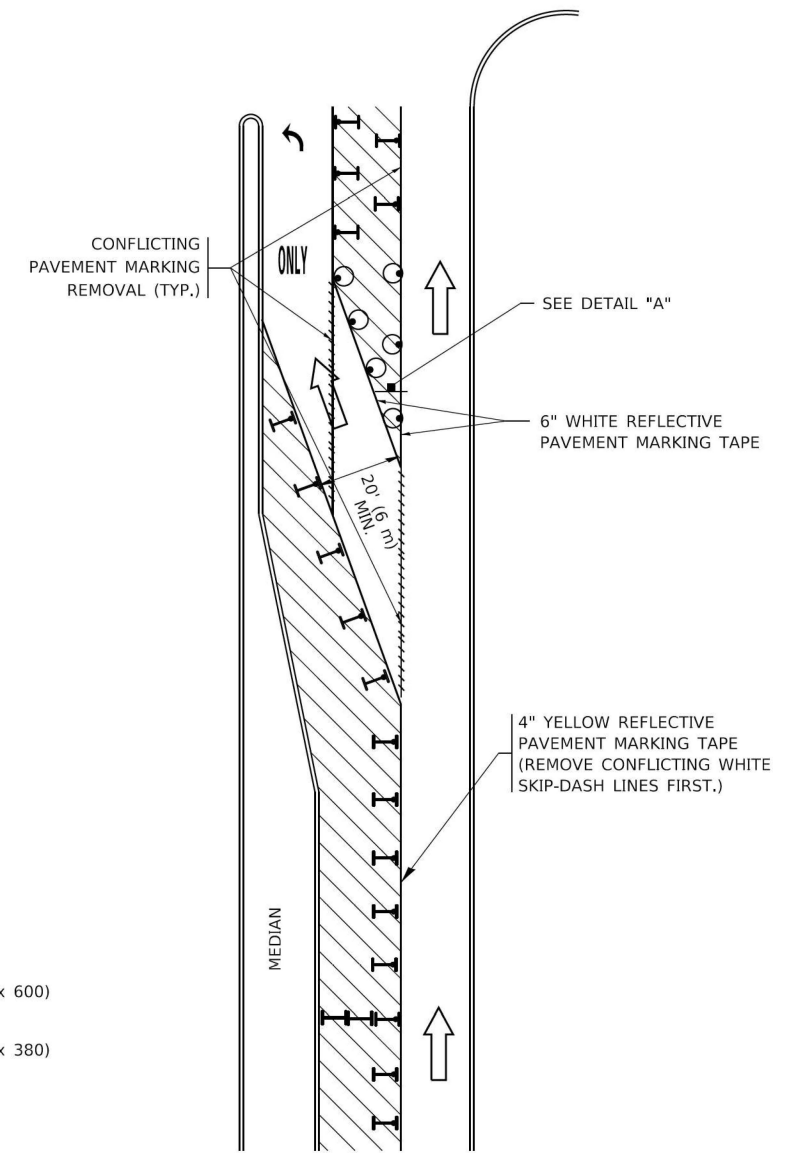


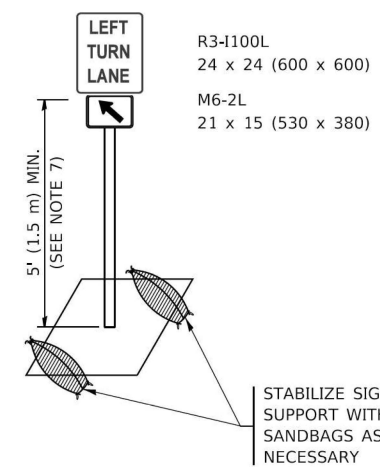
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \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" R3-1100R 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 REQUIREMENTS.
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.

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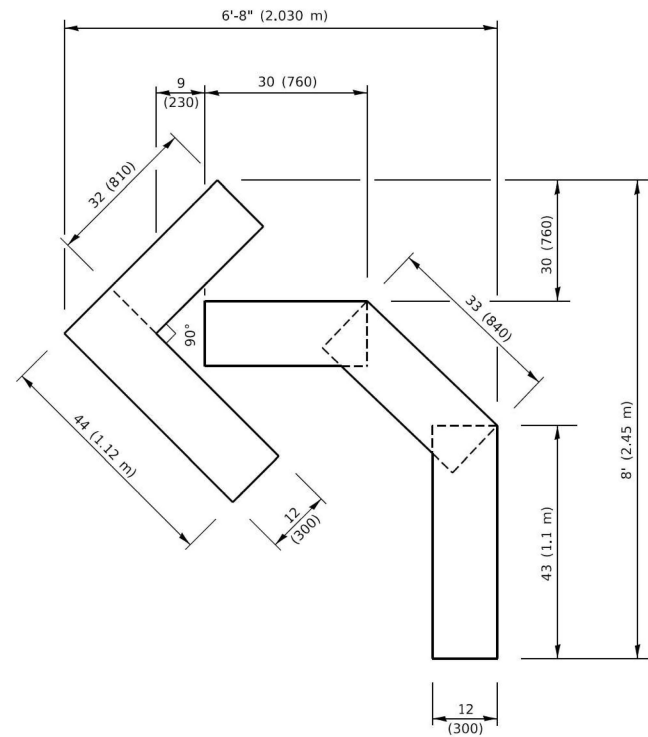
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

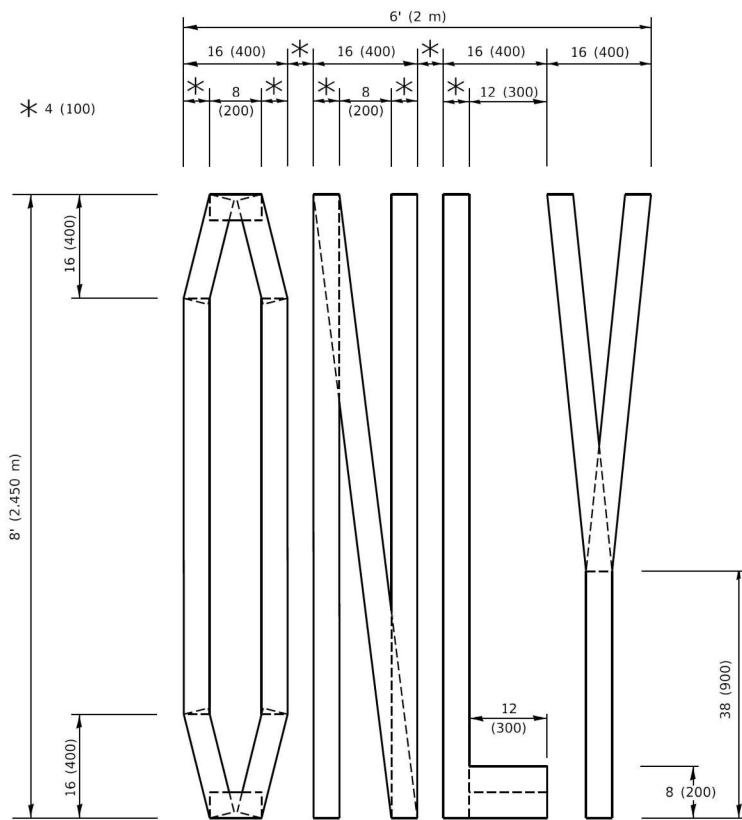
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	125
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



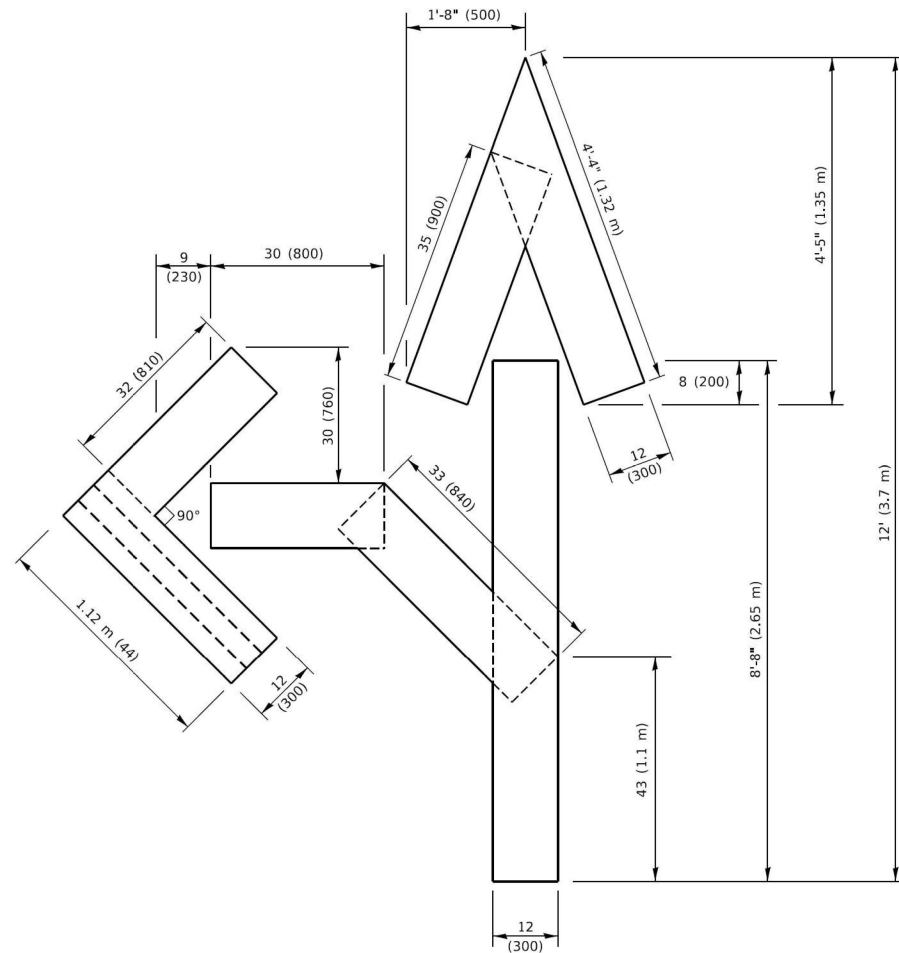
QUANTITY

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)

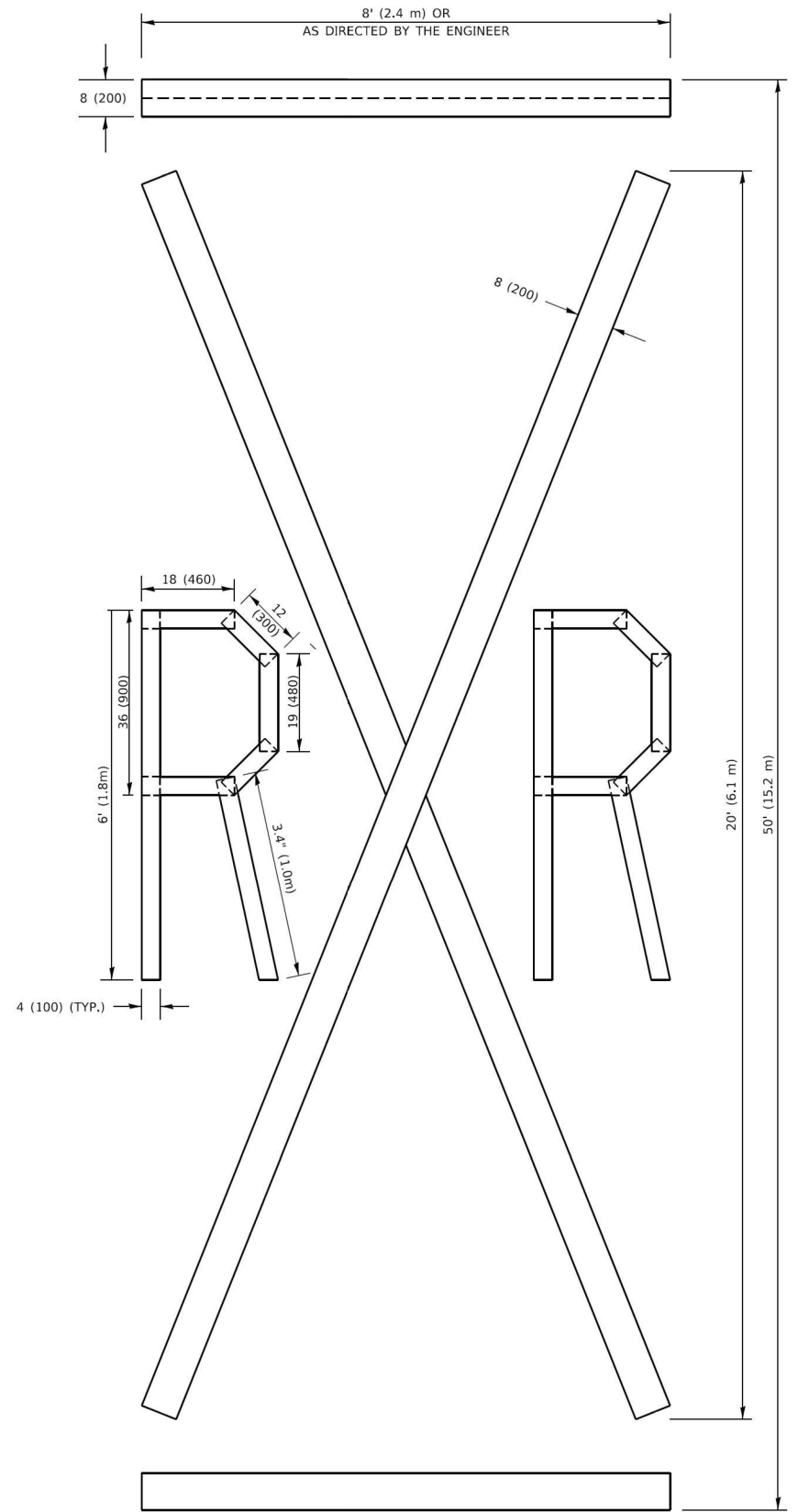


QUANTITY

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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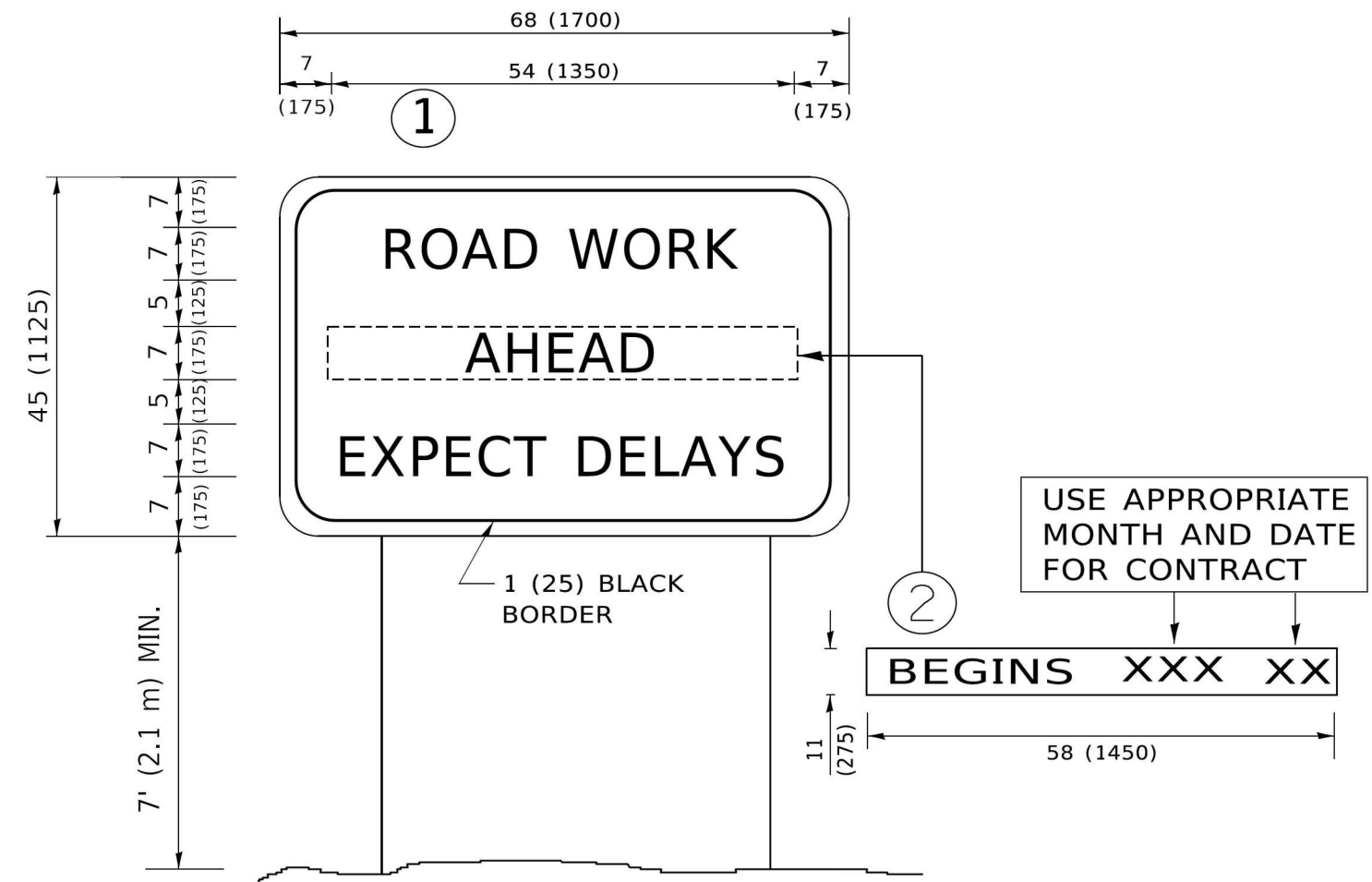
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	126
CONTRACT NO. 80B22				
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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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	127
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

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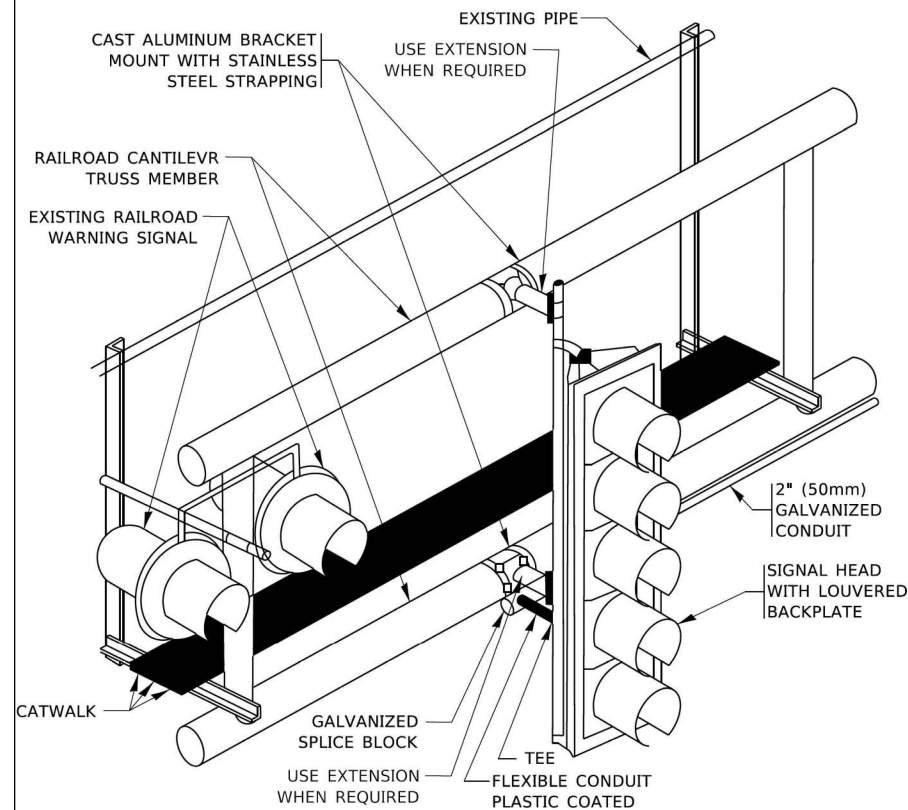
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PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
TREATMENT FOR RAILROAD CROSSINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	128
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



RAILROAD CANTILEVER SIGNAL HEAD MOUNTING

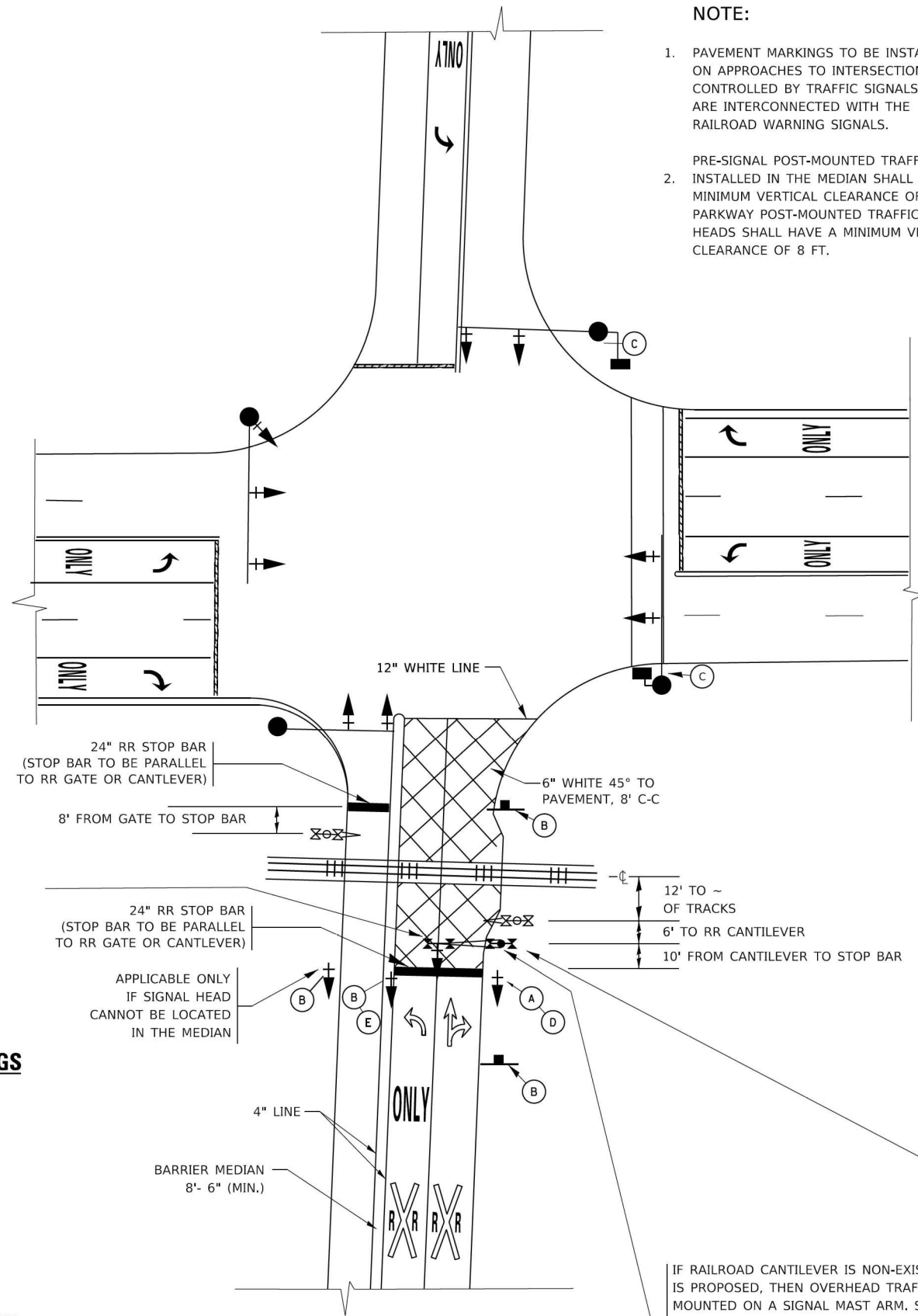
USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

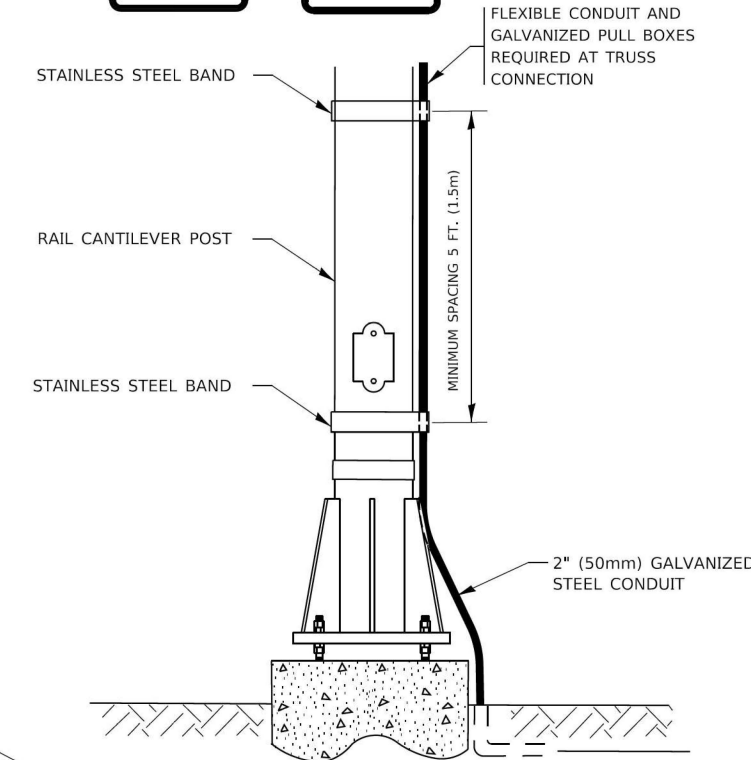
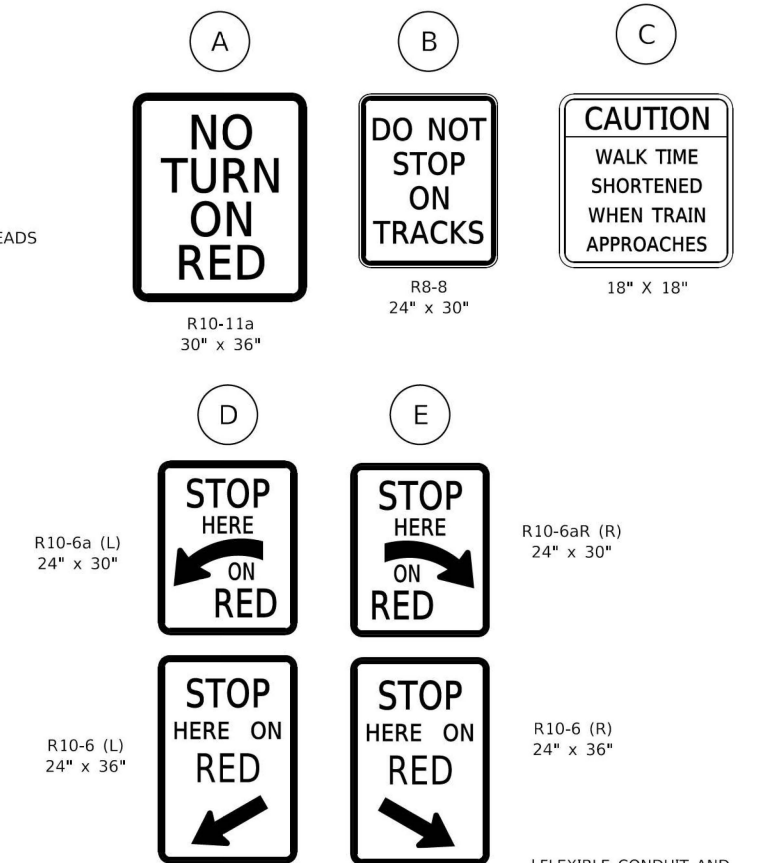
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



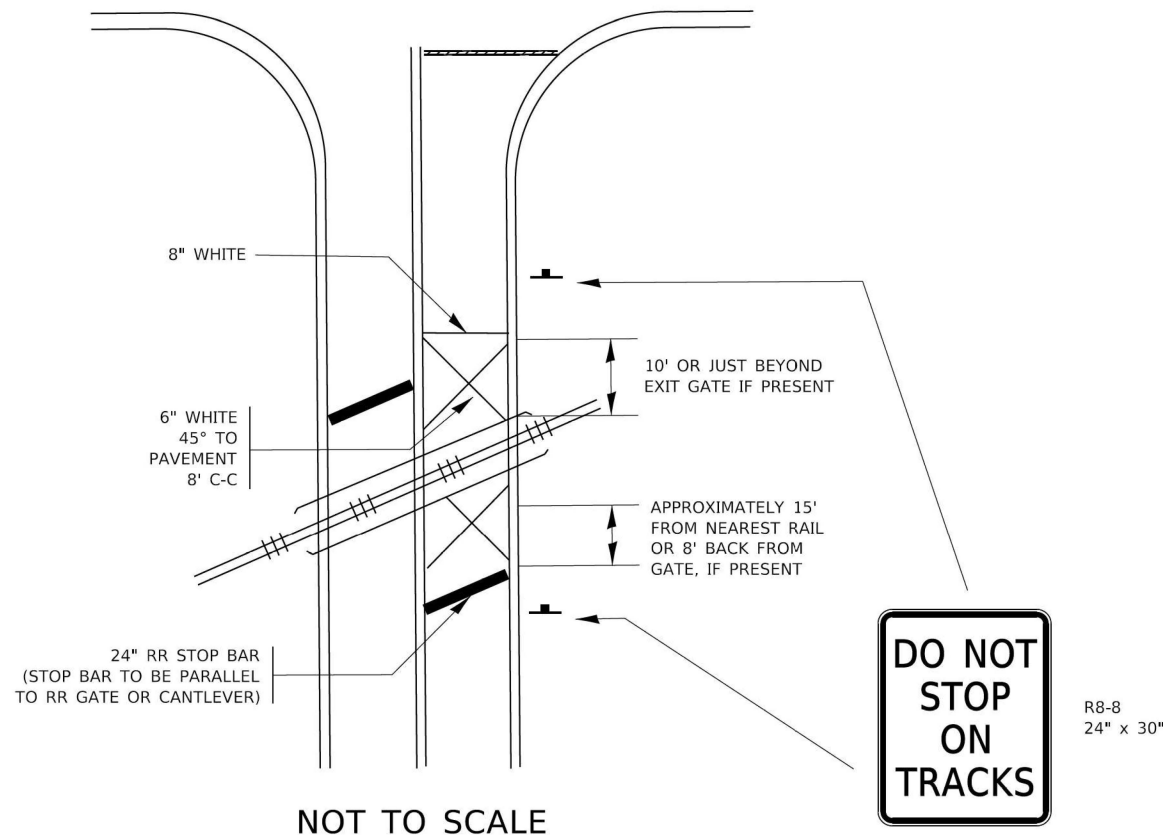
SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

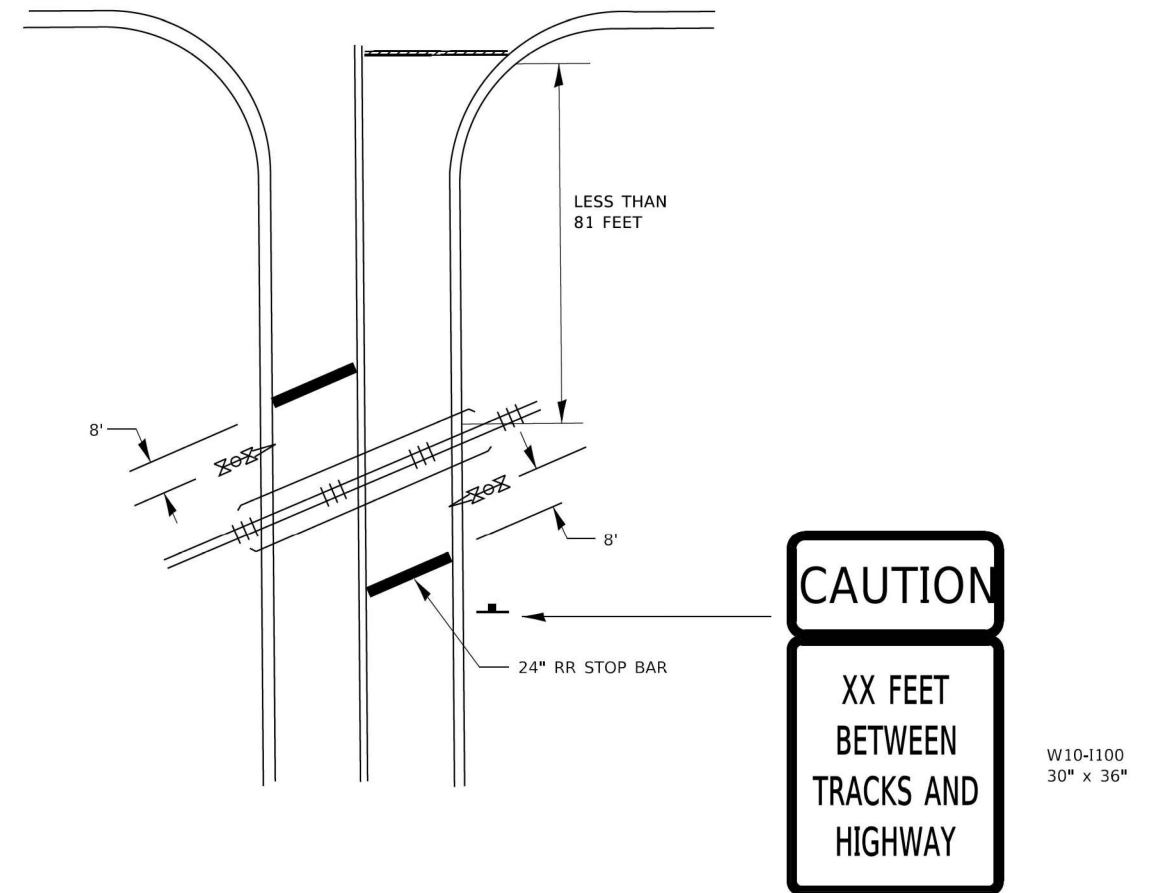
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



NOTE:

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

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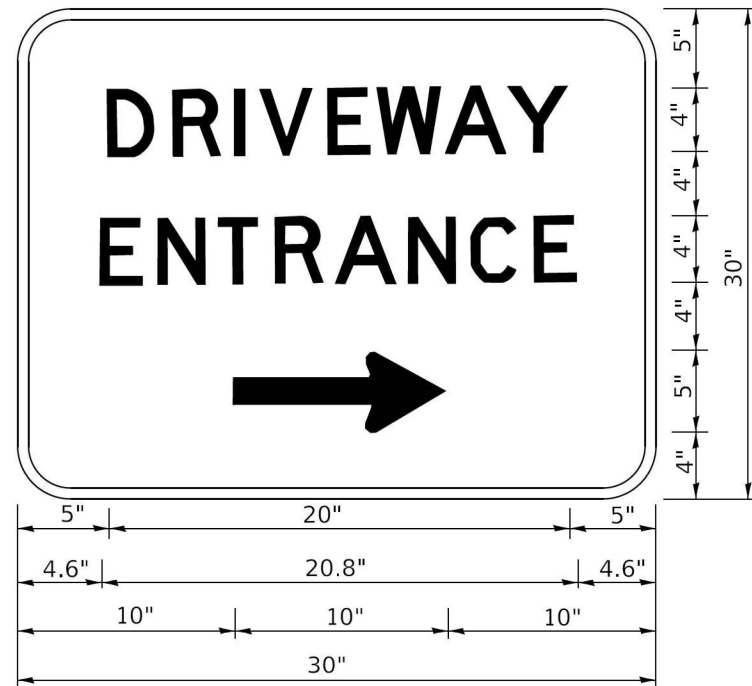
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
TREATMENT FOR RAILROAD CROSSINGS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	129
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



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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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: SHEET OF SHEETS STA. TO STA.

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350	2025-2001-RS	COOK	141	130
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

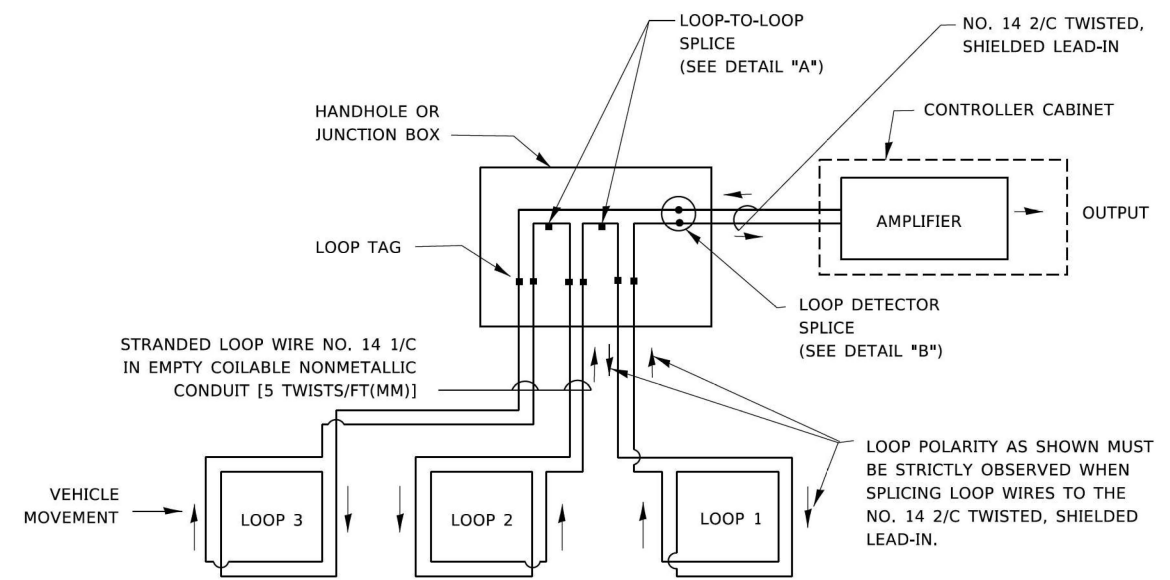
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ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(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								

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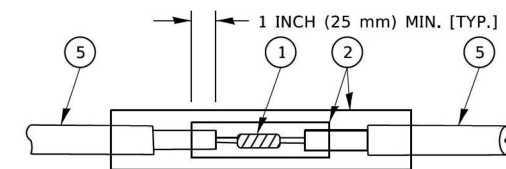
LOOP DETECTOR NOTES

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.

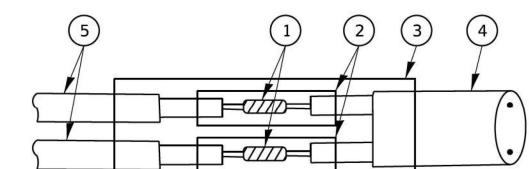


DETECTOR LOOP WIRING SCHEMATIC

- 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.

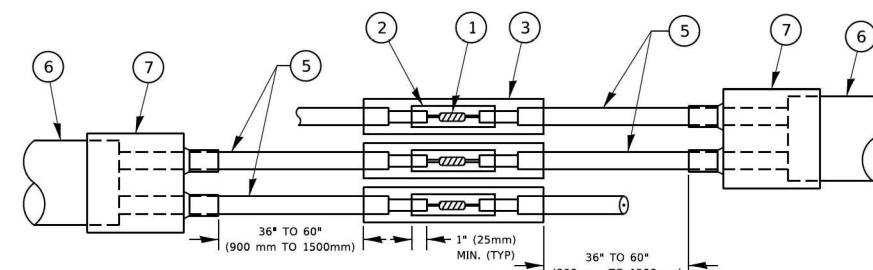


DETAIL "A"
LOOP-TO-LOOP SPLICE

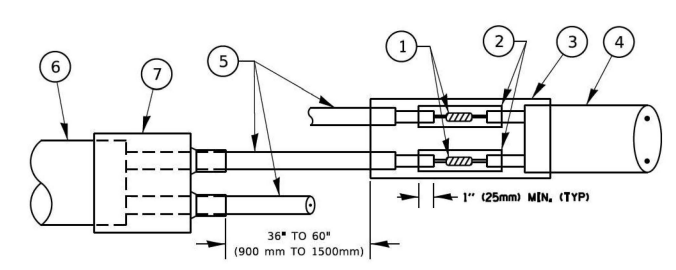


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



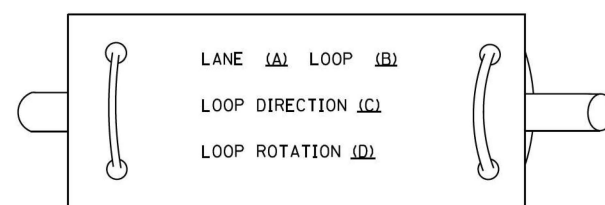
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 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. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

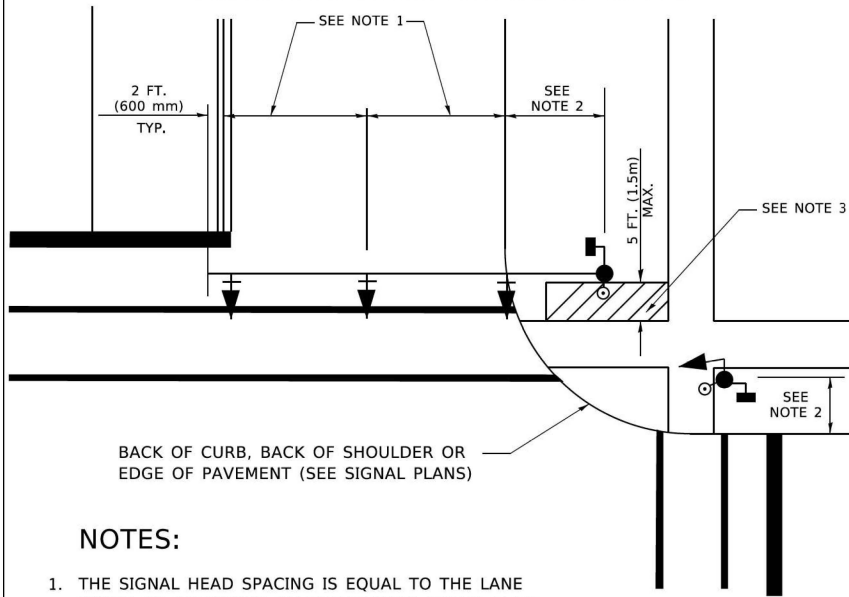
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	132
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

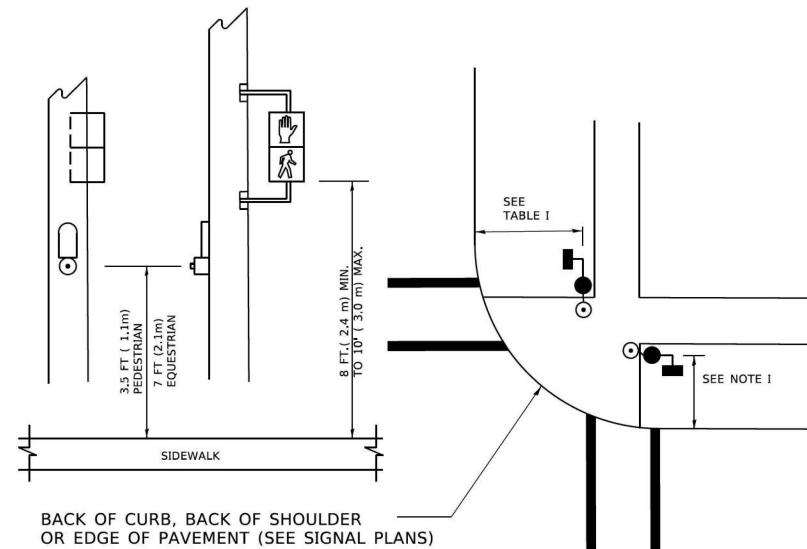
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

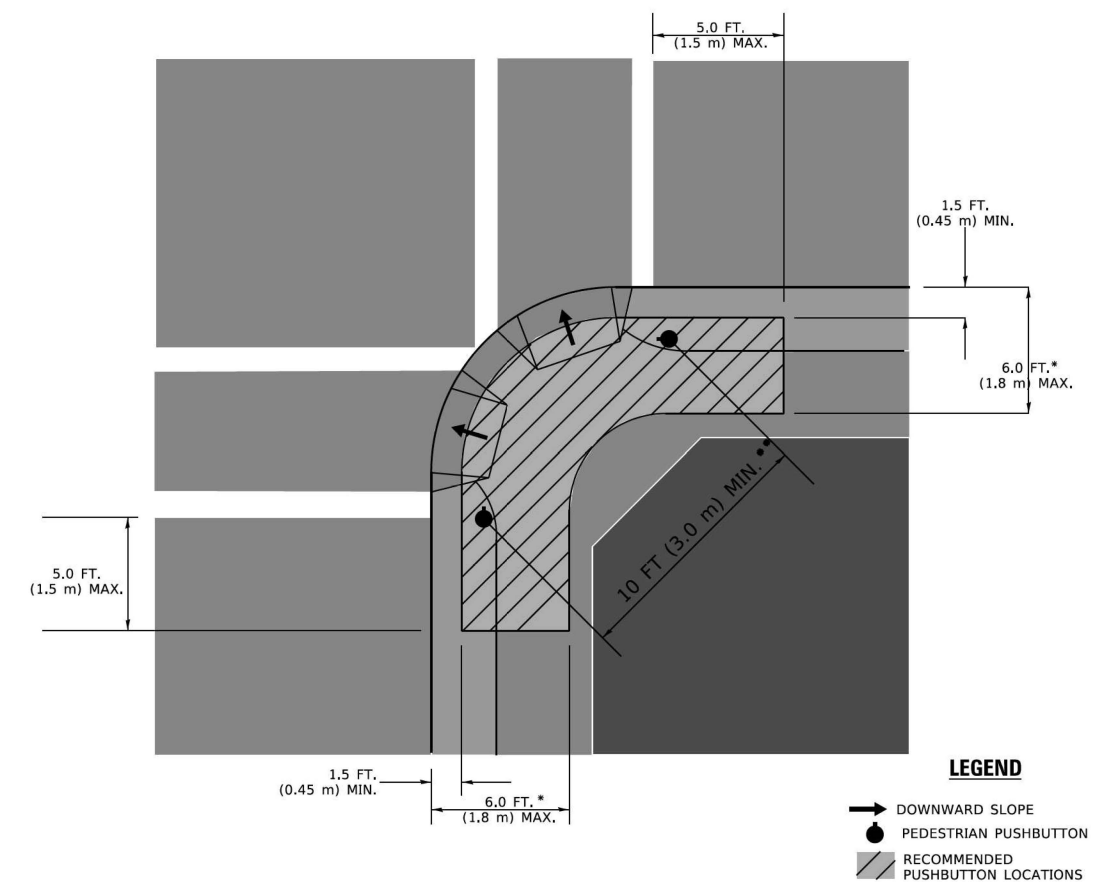
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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.

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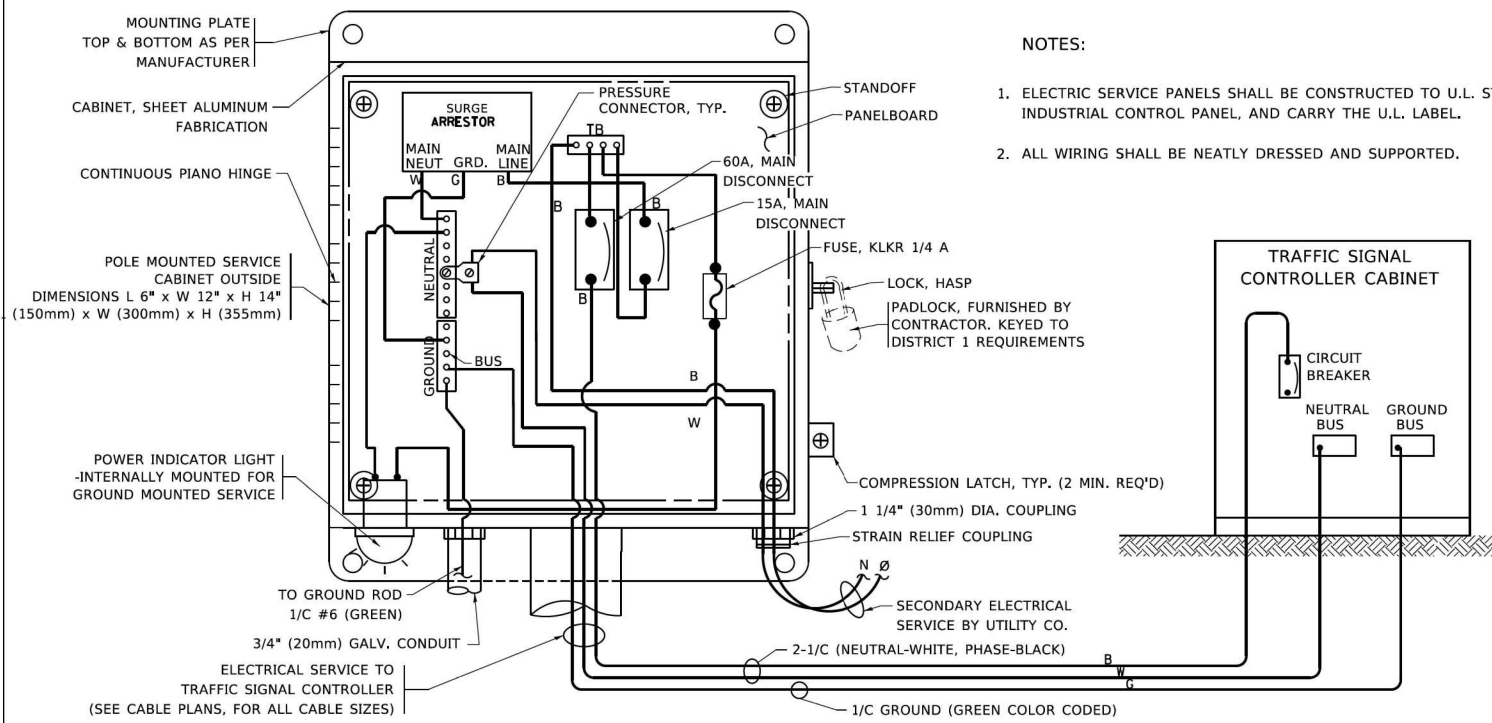
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

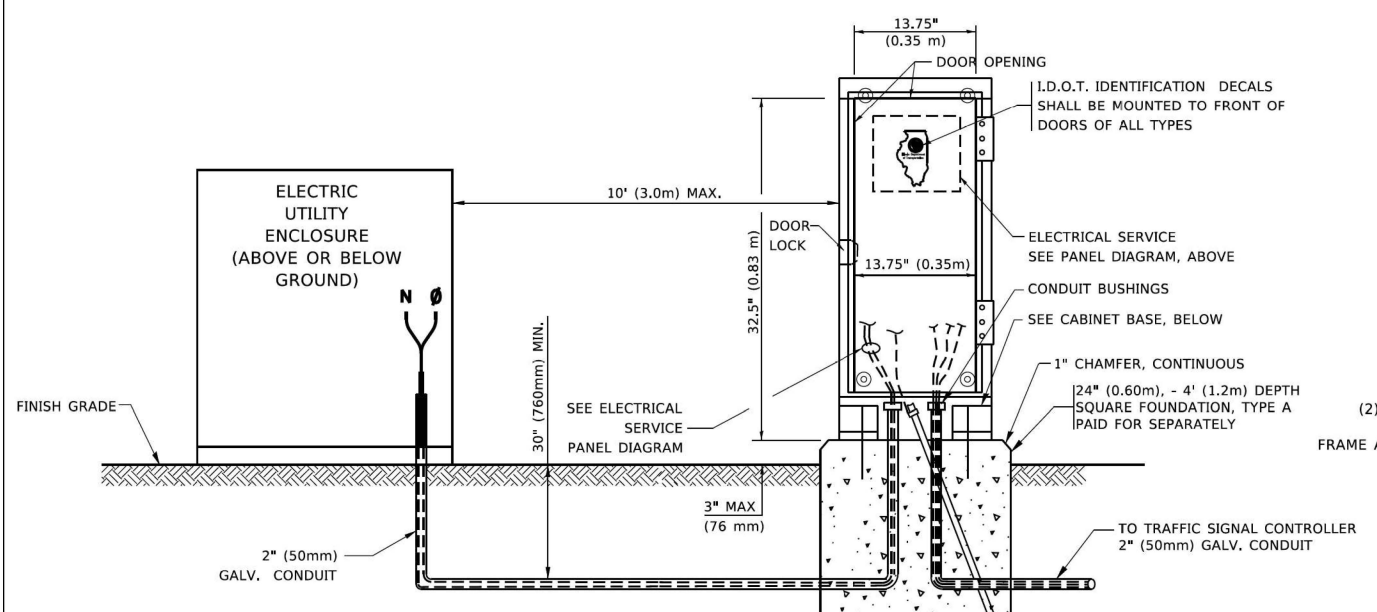
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

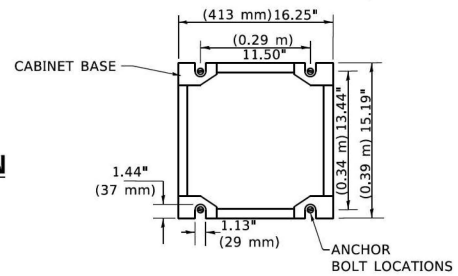
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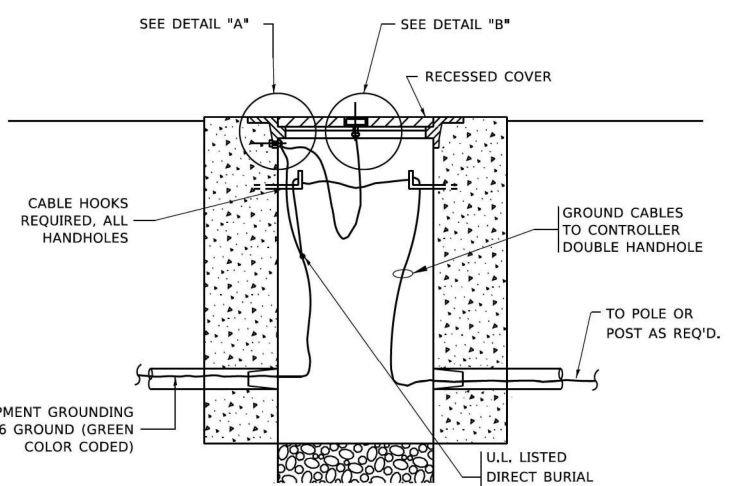
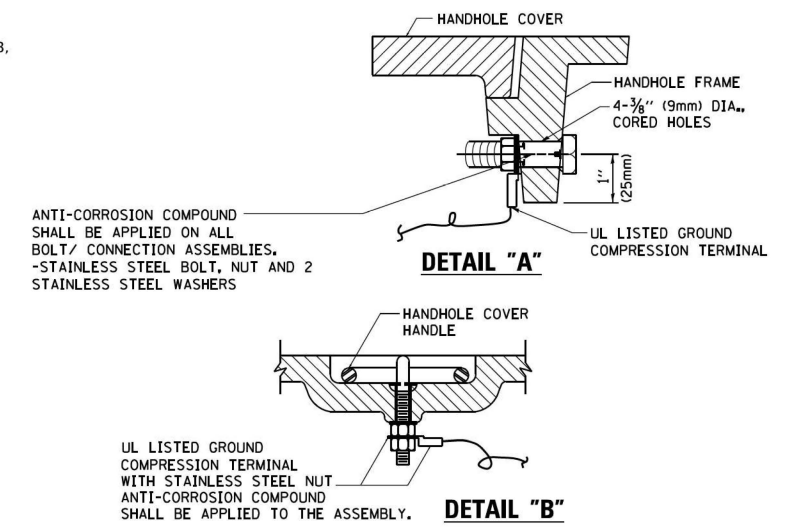
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



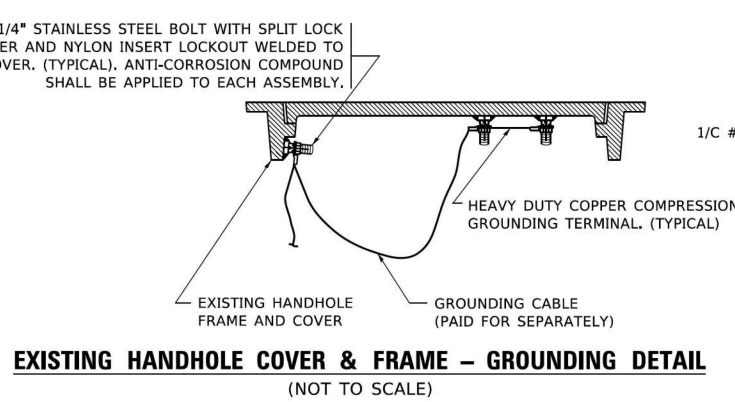
SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)



CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



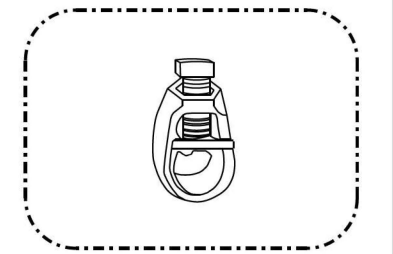
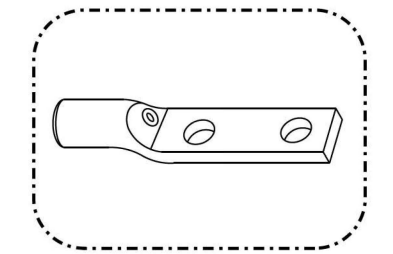
HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



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

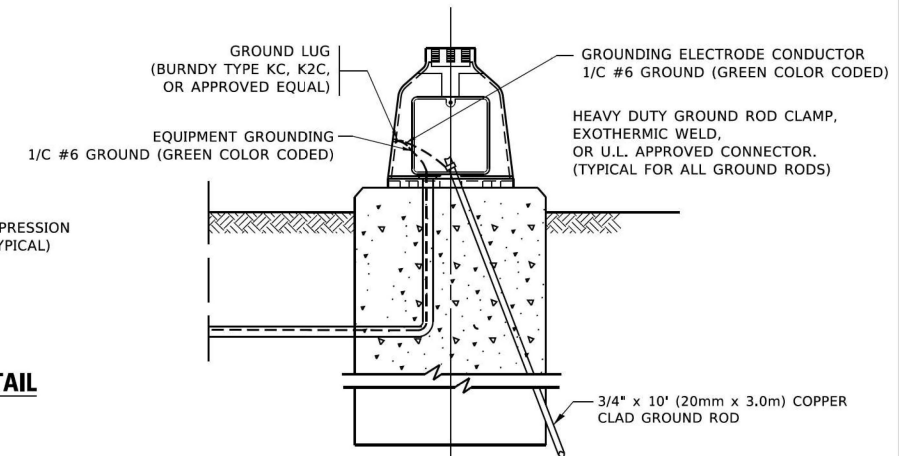
NOTES:
GROUNDING SYSTEM

1. 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 PROVIDED. 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.
2. 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.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- 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.



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

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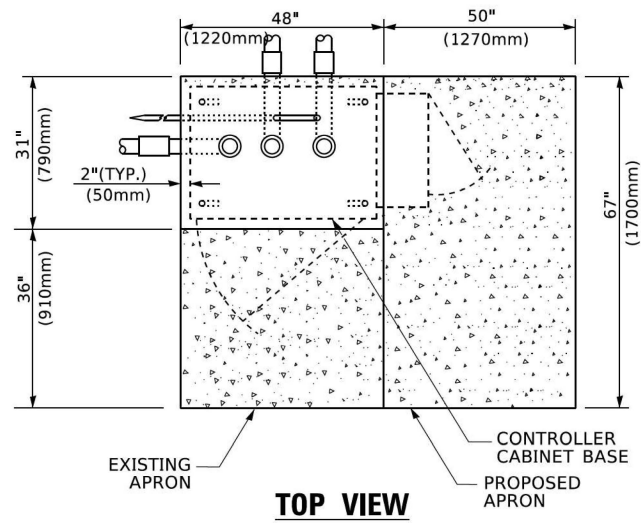
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	DATE - 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

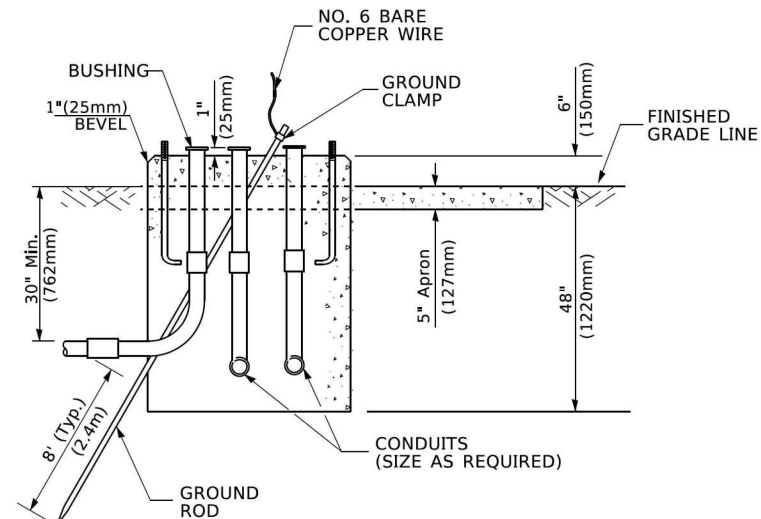
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

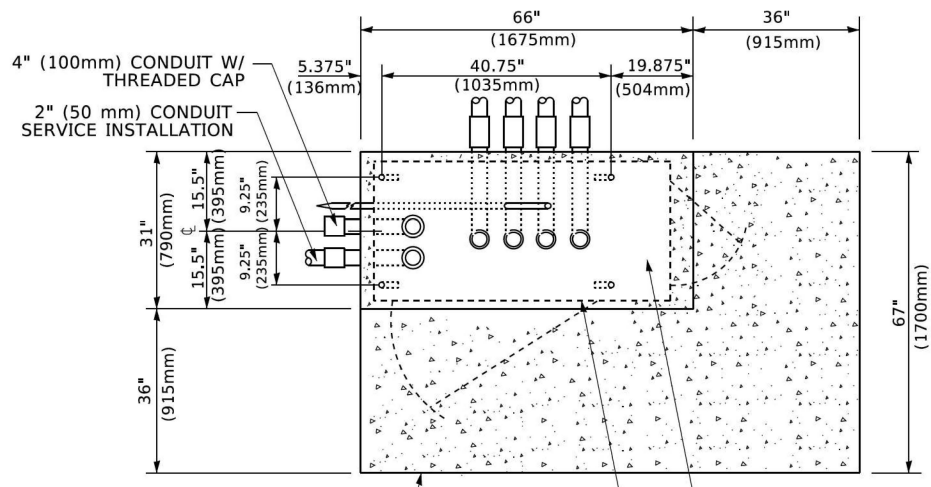
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	134
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



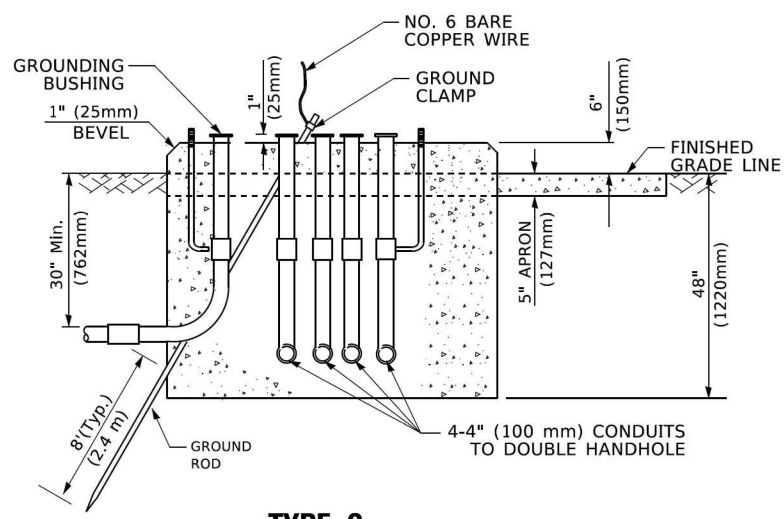
TOP VIEW



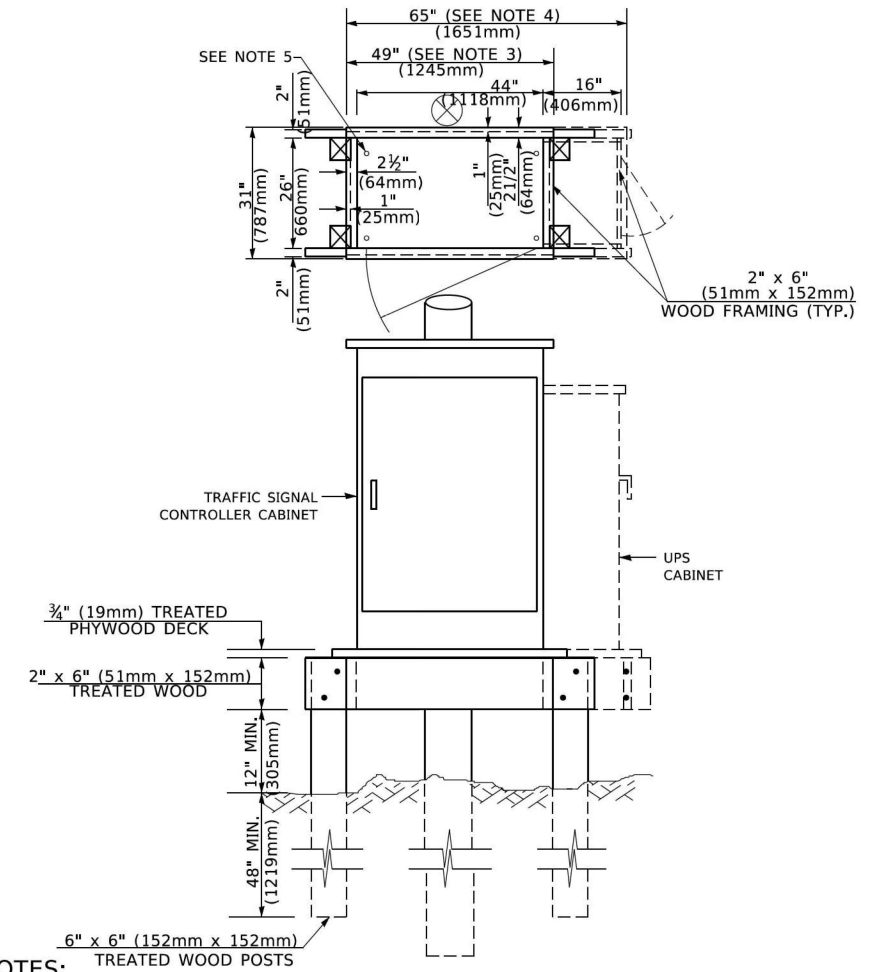
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



TOP VIEW



**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)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m) and up to 85' (25.9 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 87800L.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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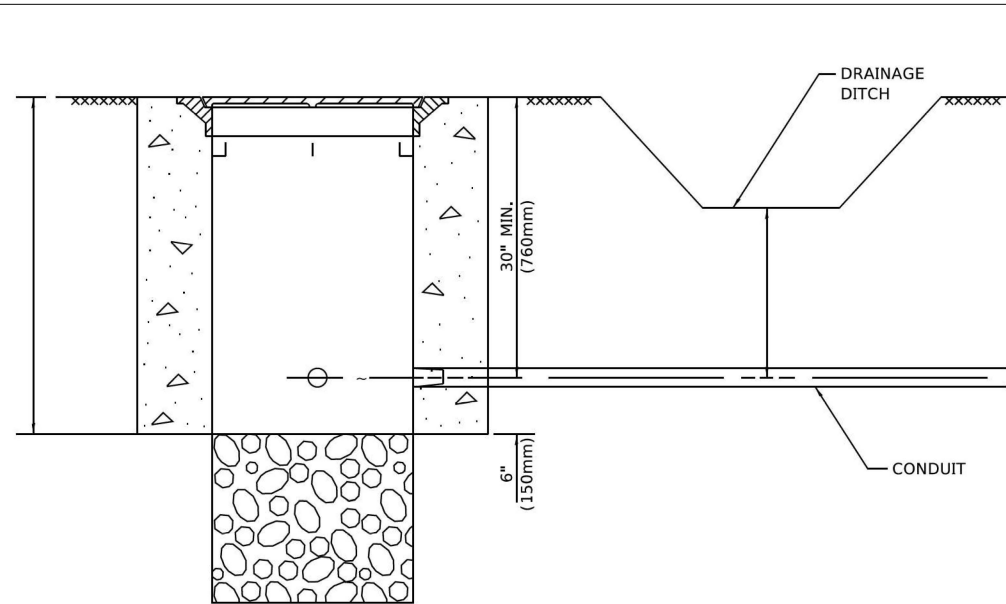
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PLOT DATE = 3/19/2026	CHECKED -	REVISED -
	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

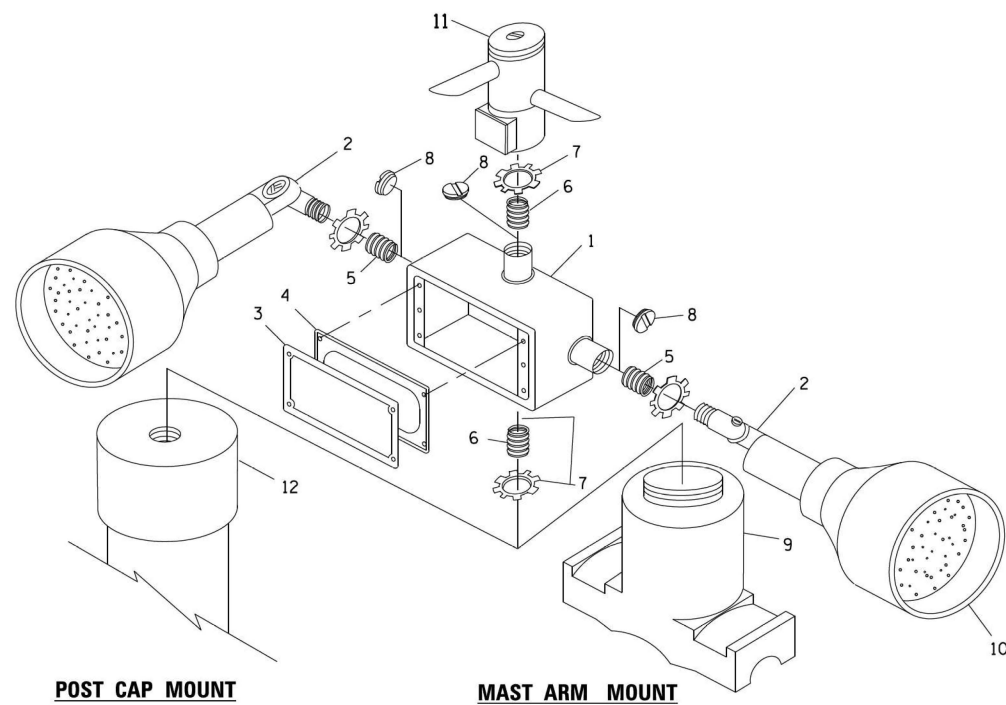
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	135
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

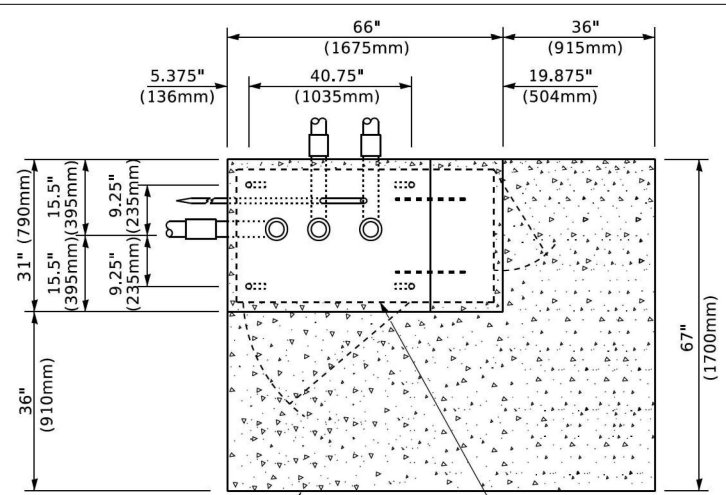


EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

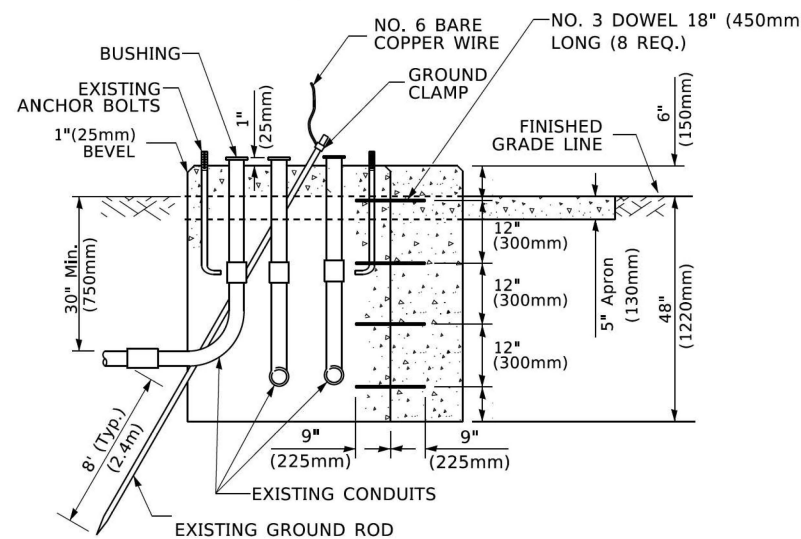
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

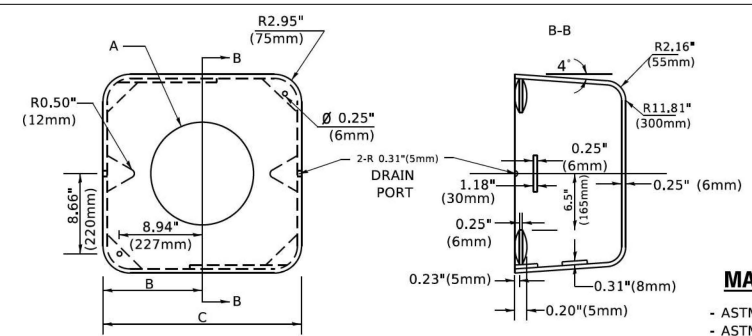
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



TOP VIEW
(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

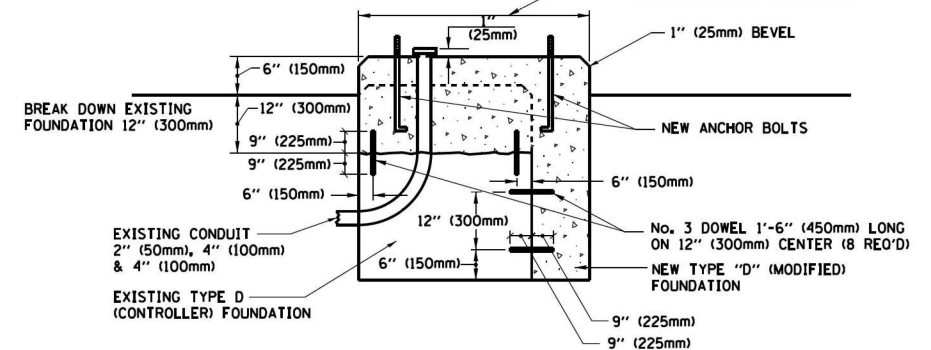
SHROUD

NOTES:

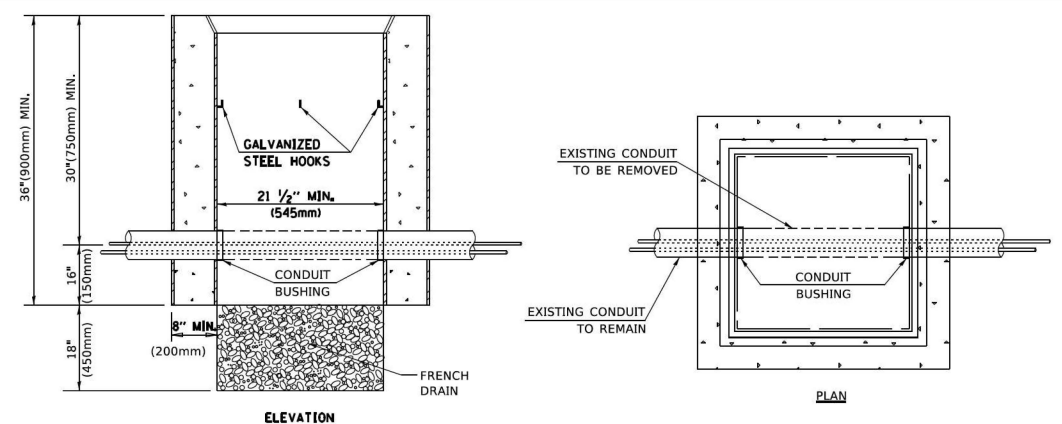
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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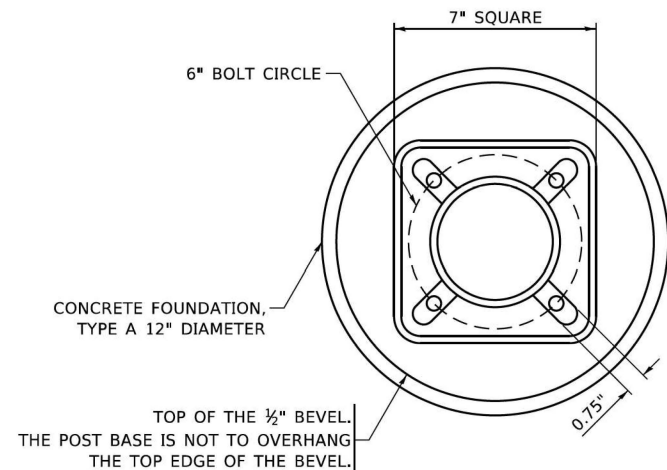
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	DRAWN -	REVISED -
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PLOT DATE = 3/19/2026	DATE = 3/19/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

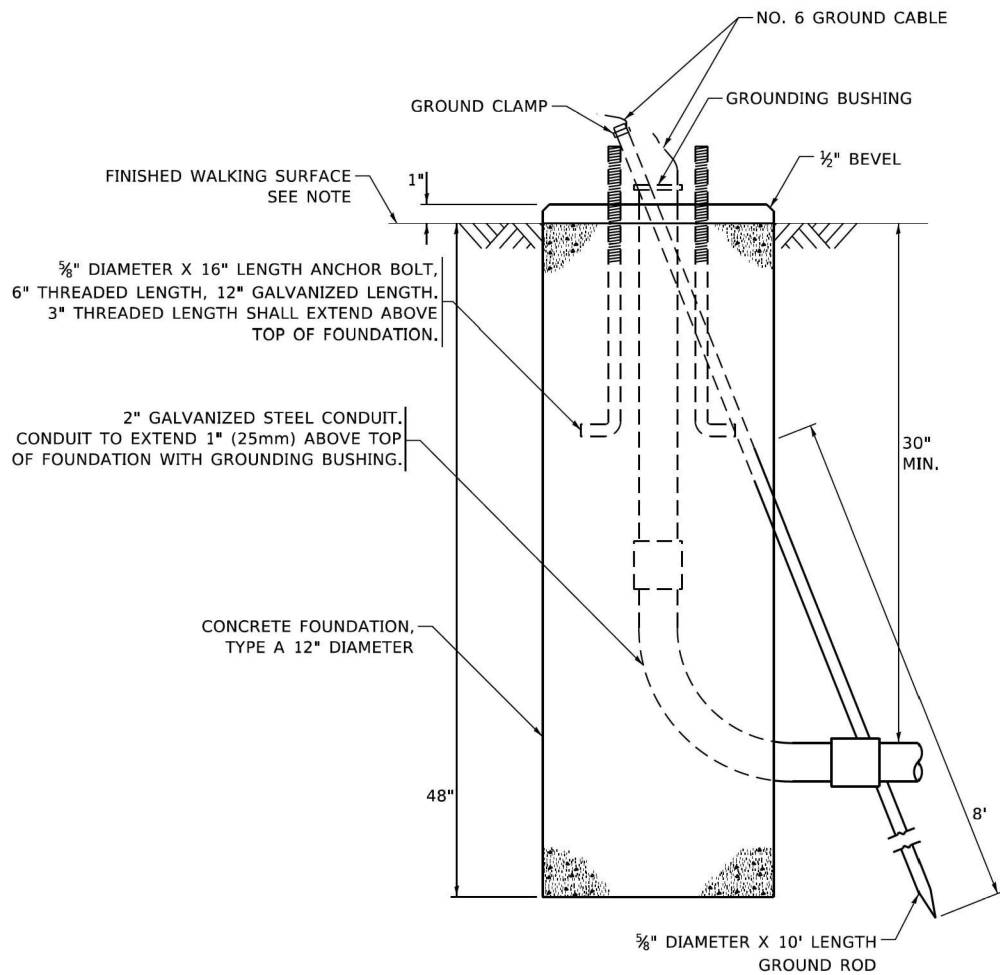
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	136
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				



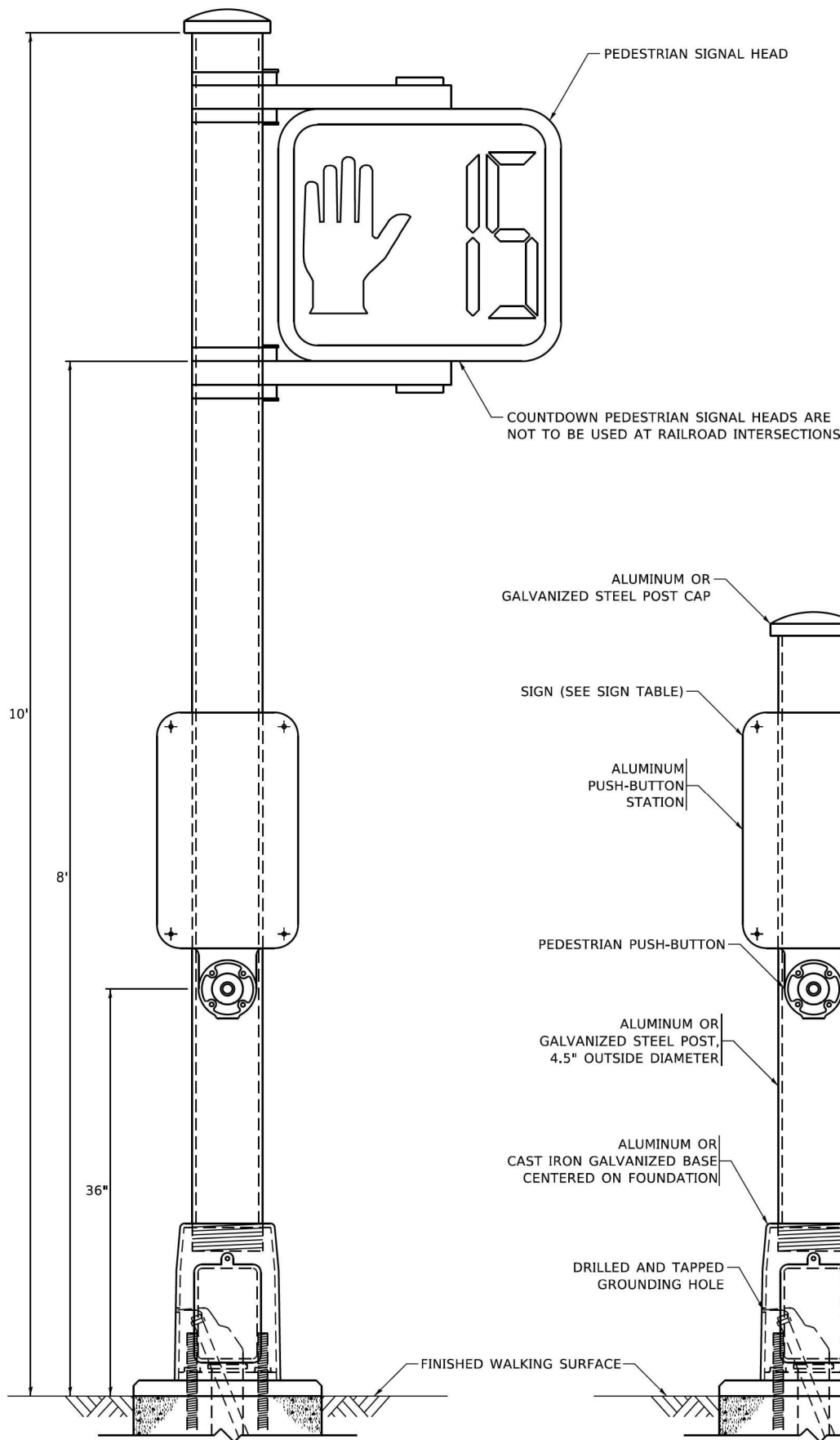
BOLT PATTERN

NOTE:

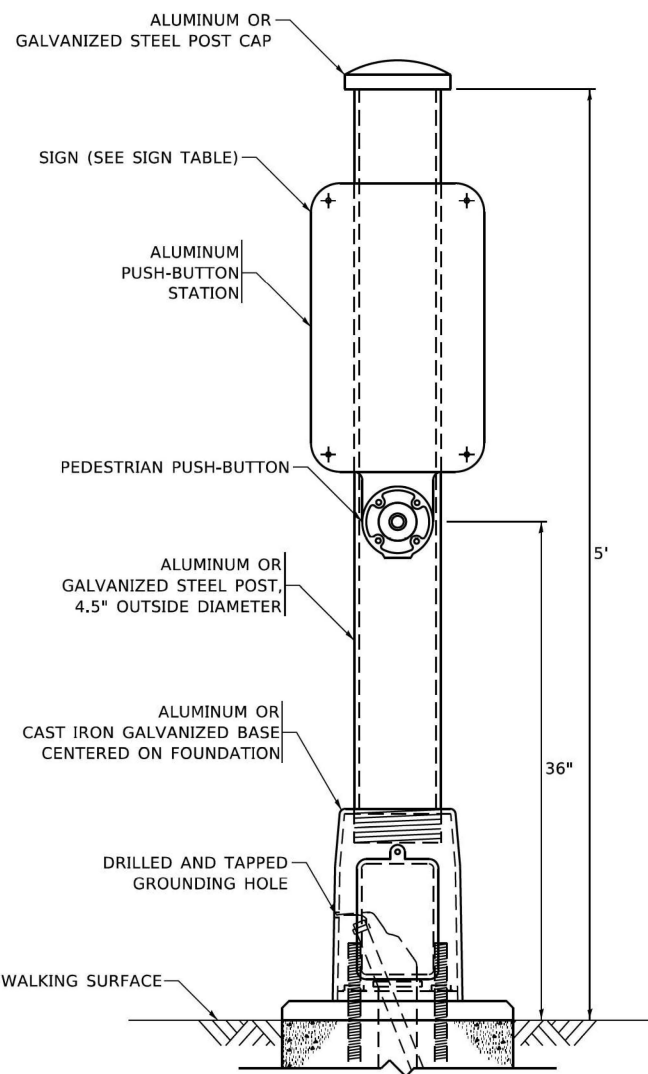
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.



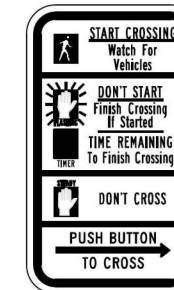
PEDESTRIAN SIGNAL POST, 5 FT.



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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	DRAWN -	REVISED -
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DEPARTMENT OF TRANSPORTATION**

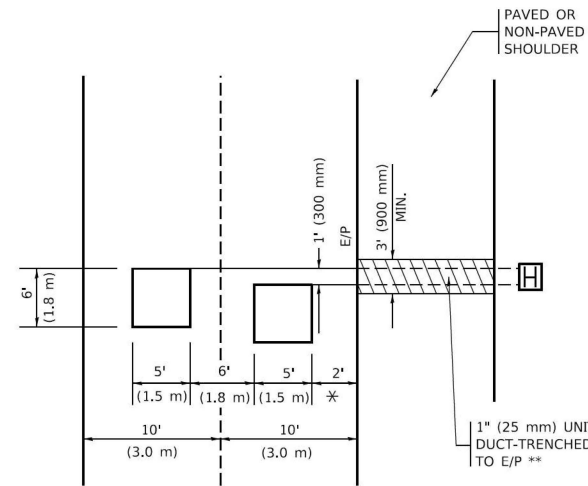
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	137
CONTRACT NO. 80B22				
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LOOPS NEXT TO SHOULDERS

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



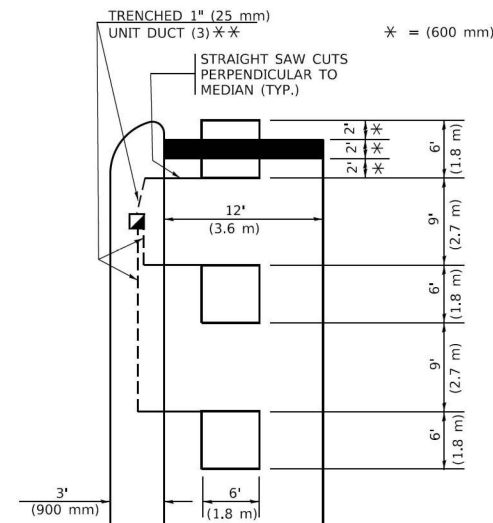
* = (600 mm)

** 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.



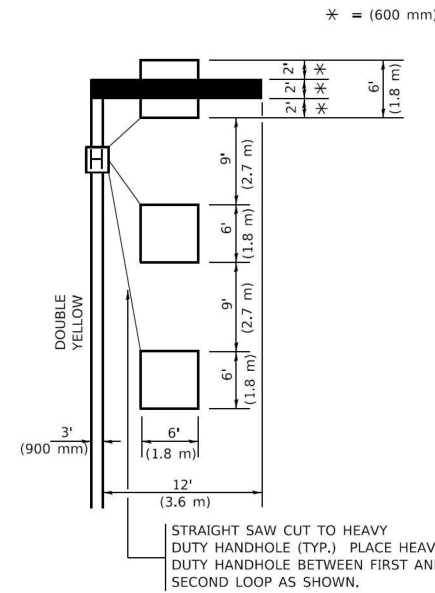
* = (600 mm)

** 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)



* = (600 mm)

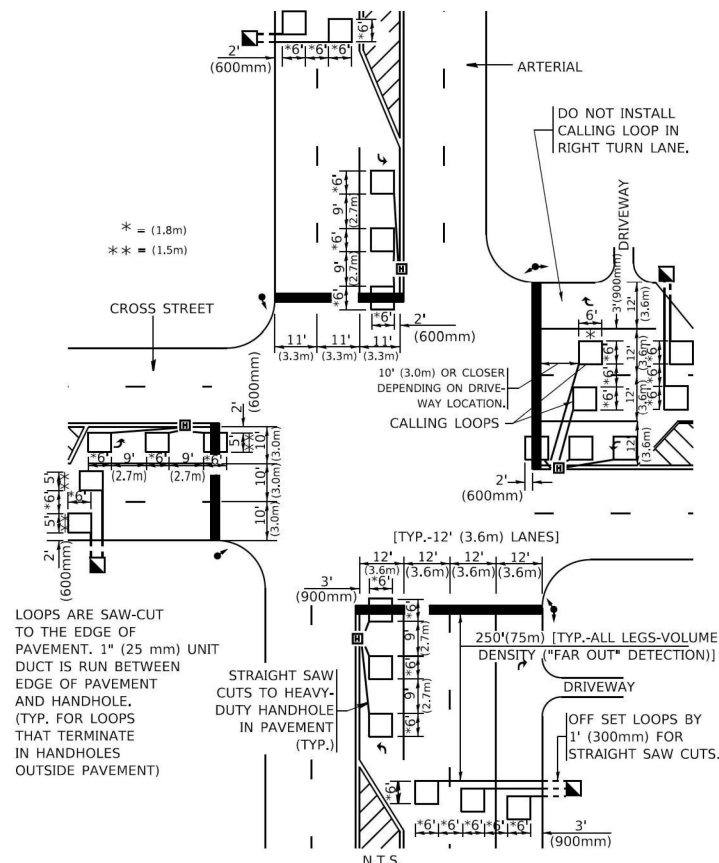
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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.

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



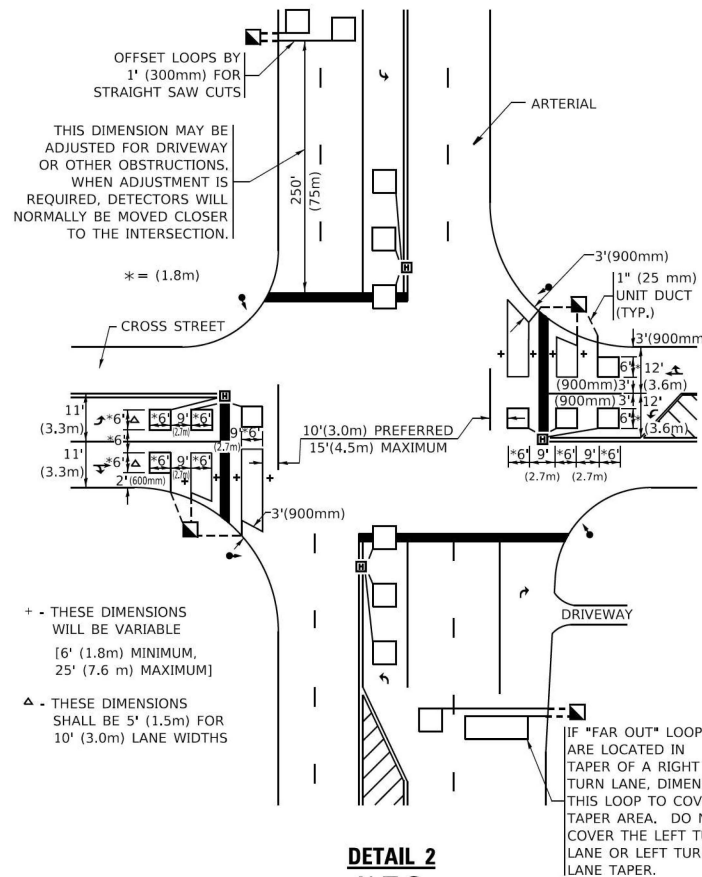
* = (1.8m)
** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

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



OFFSET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS

THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

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.

MODEL: Default
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USER NAME = (USERNAME)	DESIGNED -	REVISED -
PLOT SCALE = 2.000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2026	CHECKED -	REVISED -
	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

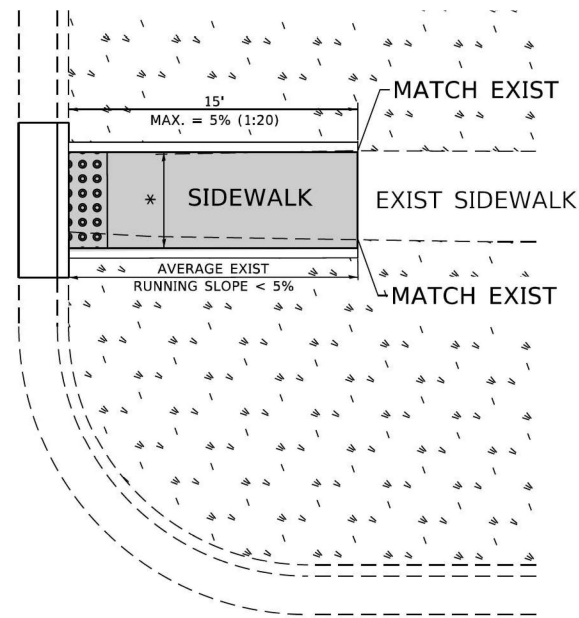
**DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

SCALE: SHEET OF SHEETS STA. TO STA.

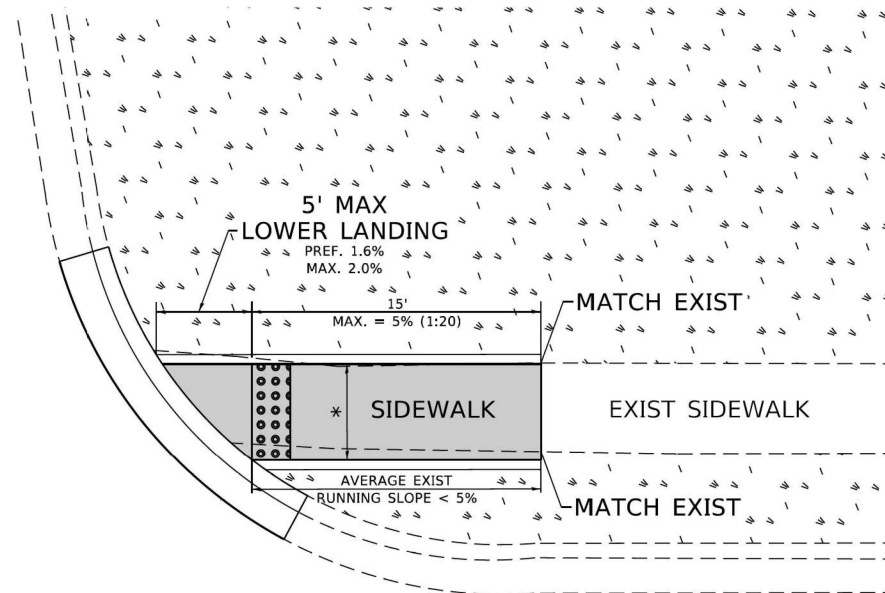
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	138
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

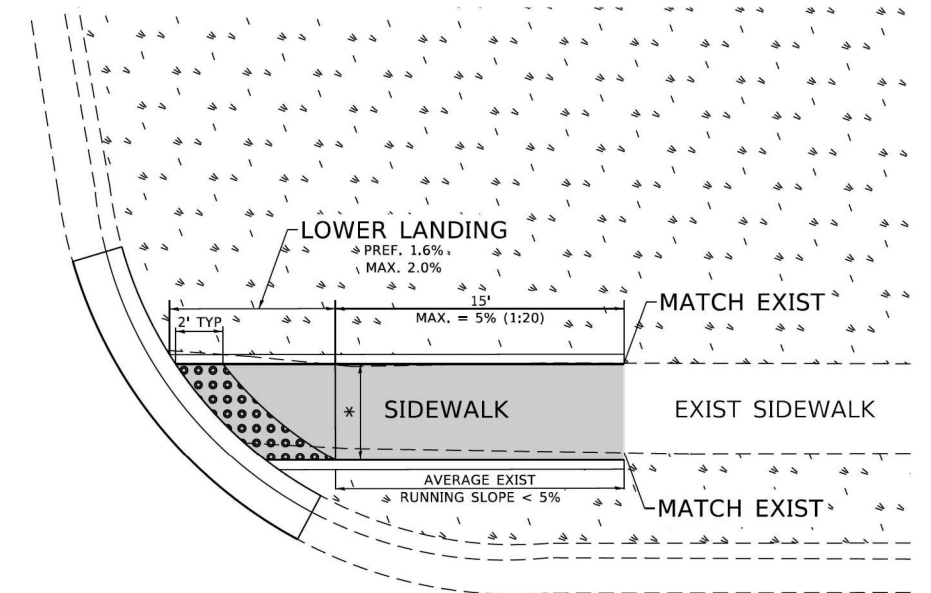
PD-01A



PD-01B



PD-01C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
FILE NAME: c:\bms\p-c-pw-01\dms13650\W08-ref-border.dgn



USER NAME = (USERNAME)	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2026	DATE = 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

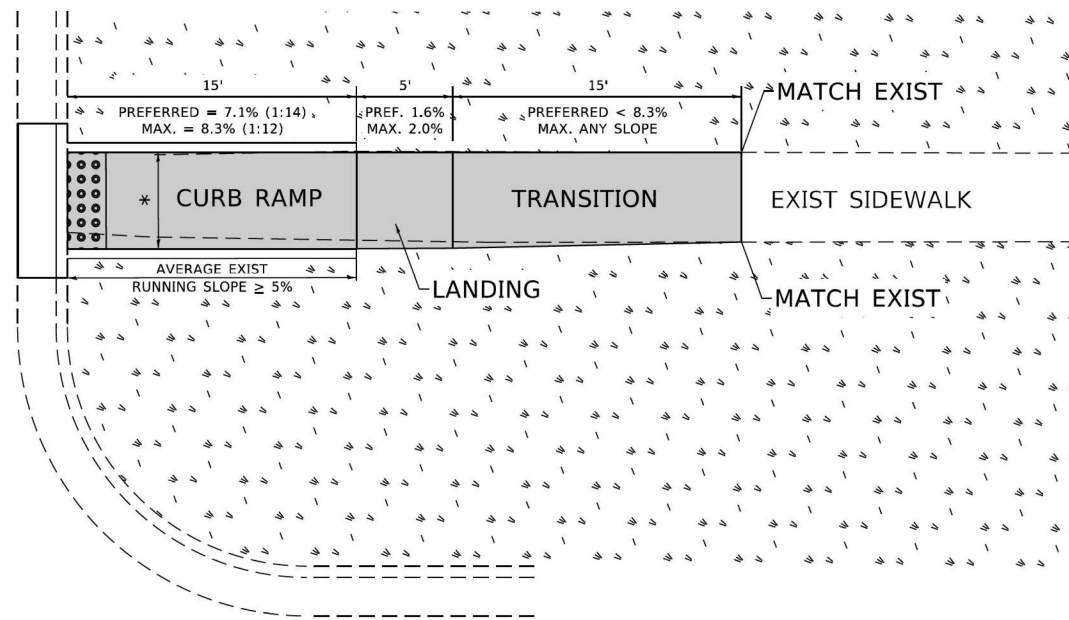
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

SCALE: SHEET OF SHEETS STA. TO STA.

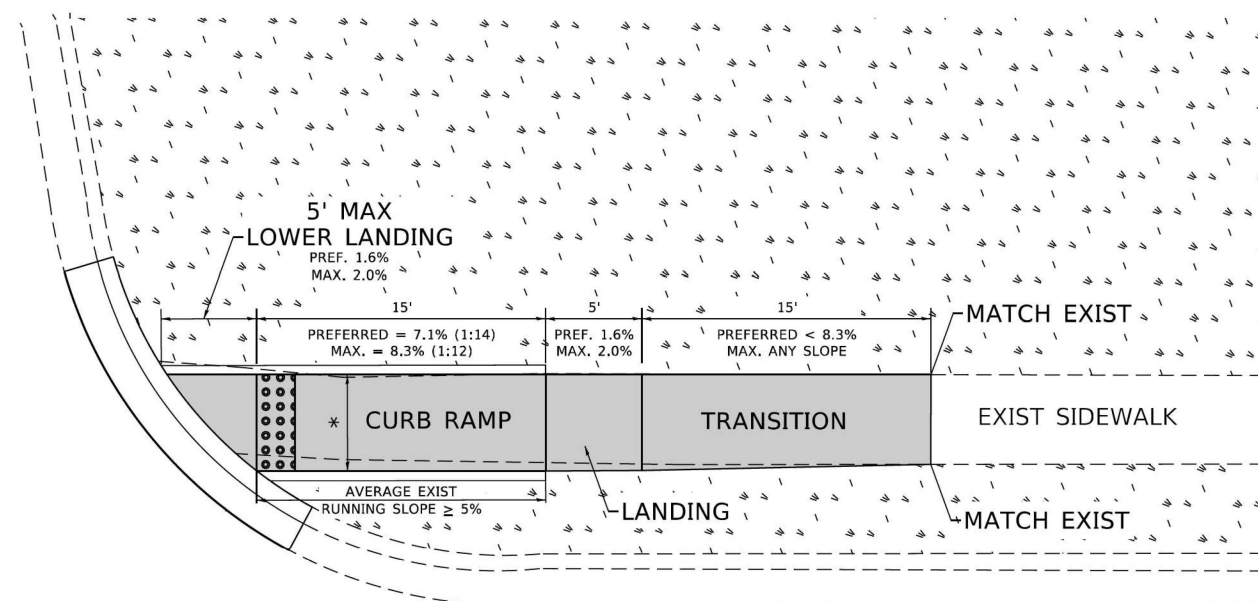
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	139
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

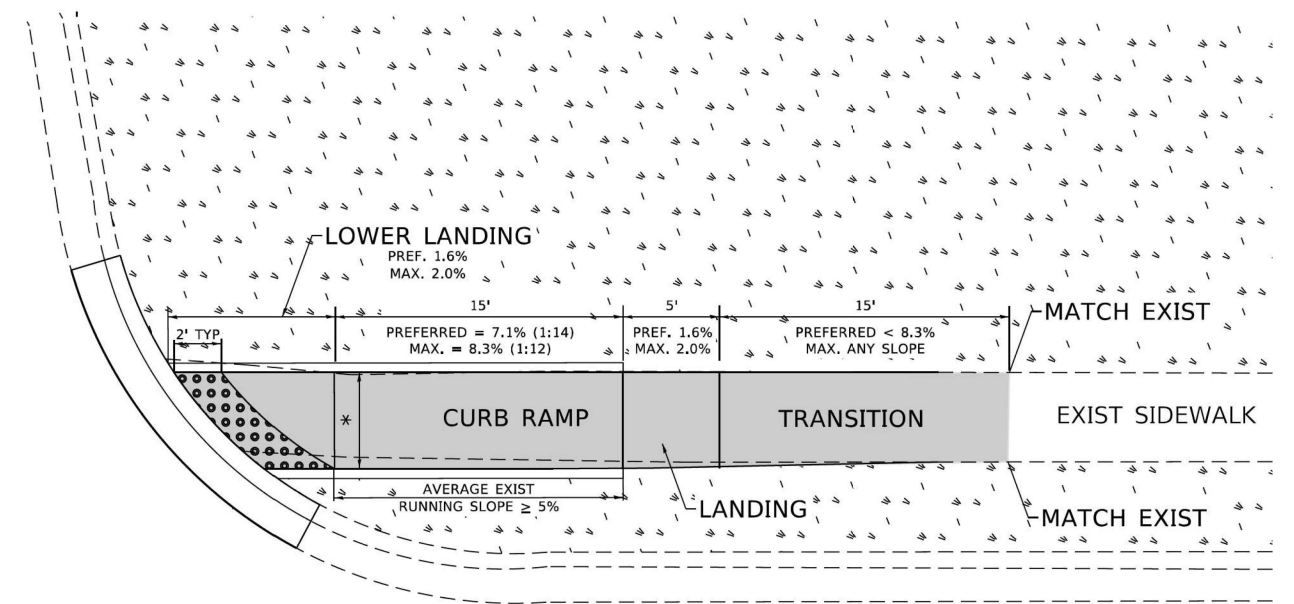
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:62), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
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USER NAME = (USERNAME)	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2026	DATE = 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

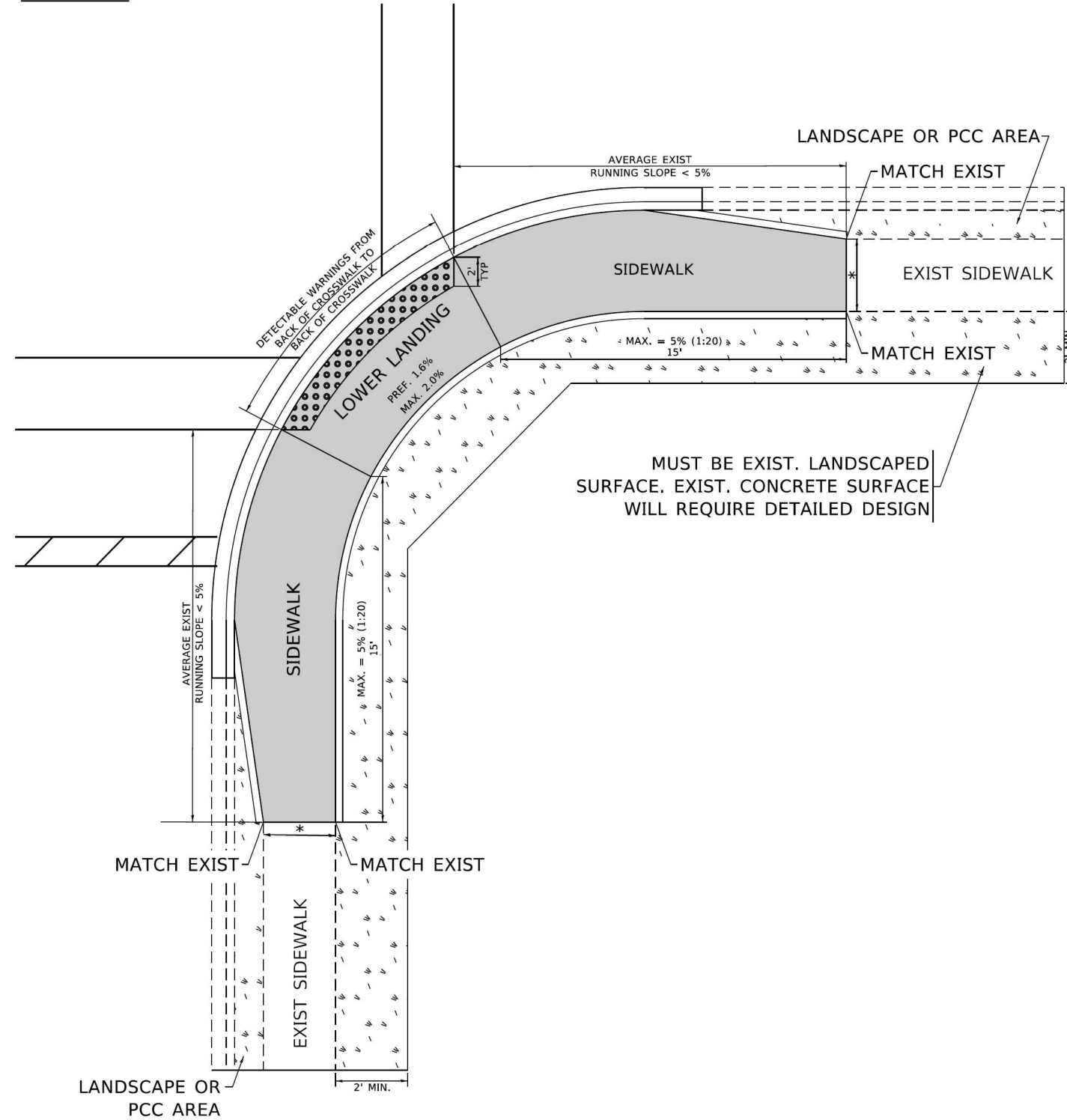
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

SCALE: SHEET OF SHEETS STA. TO STA.

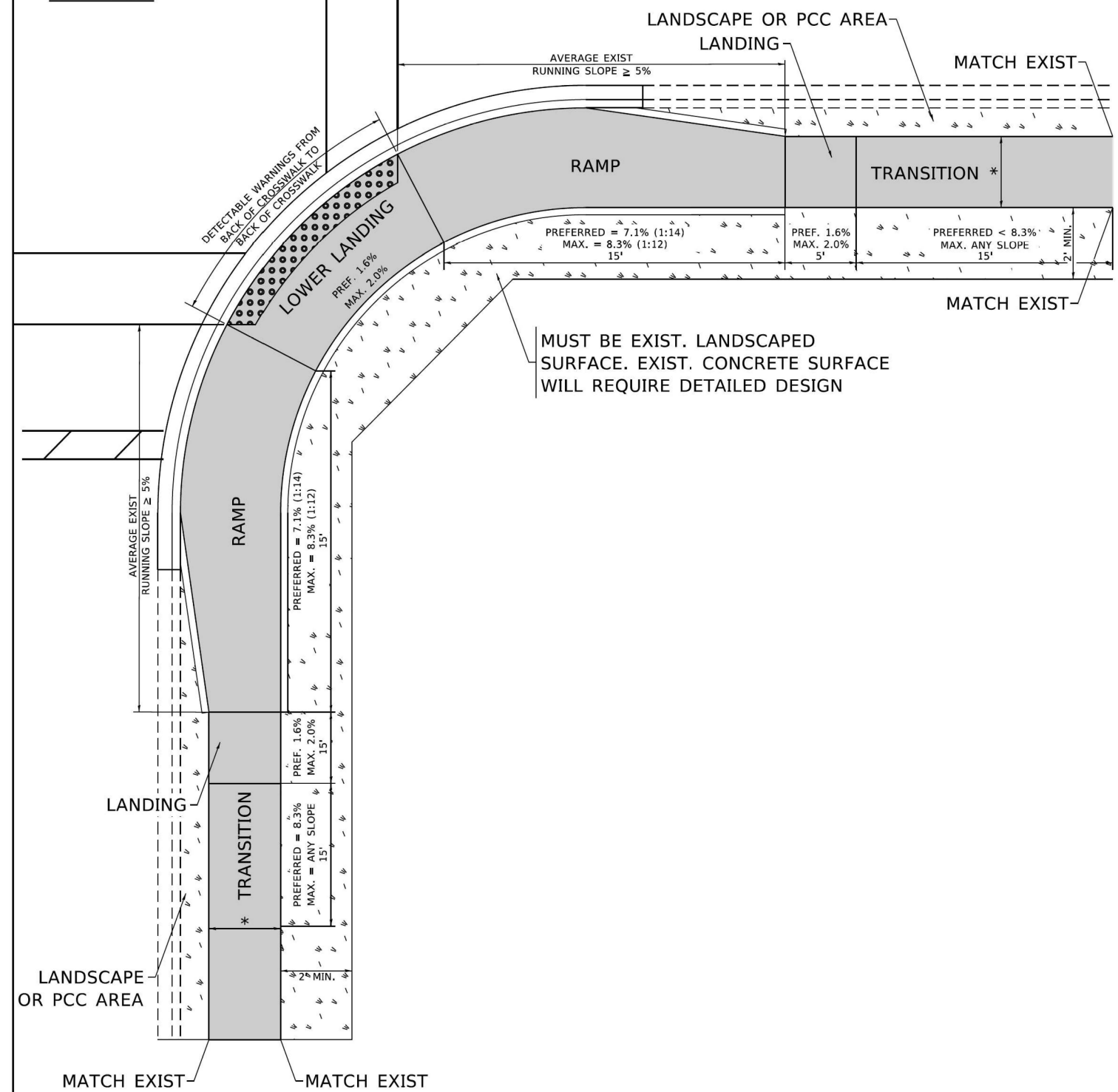
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	140
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
FILE NAME: c:\bms\p-c\pw-01\dms13650\W08-ref-border.dgn



USER NAME = (USERNAME)	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2026	DATE - 3/19/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2025-2001-RS	COOK	141	141
CONTRACT NO. 80B22				
ILLINOIS FED. AID PROJECT				