

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	1
		ILLINOIS	CONTRACT NO. 80B30	

* 57 + 1 = 58 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF LEMONT AND UNINCORPORATED COOK COUNTY

TRAFFIC DATA

IL 171 2023 ADT = 11,800 VPD
POSTED SPEED LIMIT = 45-50 MPH
OTHER PRINCIPAL ARTERIAL

TRAFFIC DATA

LOCKPORT ST / ILLINOIS ST ADT = 4,200 VPD (W OF STATE) / 10,350 VPD (E OF STATE)
POSTED SPEED LIMIT = 25 MPH
MINOR ARTERIAL

**FAP ROUTE 577 : IL 171 (ARCHER AVE)
(123RD ST/MCCARTHY ROAD TO BELL RD)
FAU ROUTE 1065: LOCKPORT ST / ILLINOIS ST
(MAIN ST TO EAST OF STATE ST)
SECTION 2025-2011-RS
PROJECT NHPP-STP-IVW5(435)
DESIGNED OVERLAY, ADA
IMPROVEMENTS, SHOULDER WIDENING
COOK COUNTY
C-91-266-25**

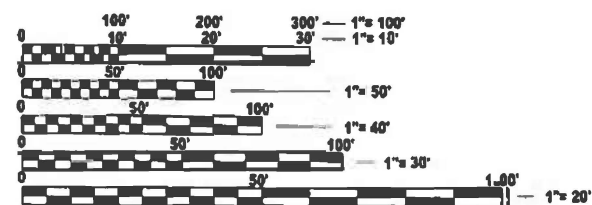


**BEGIN PROJECT
STA. 500+18**



**END PROJECT
STA. 508+93**

**END PROJECT
STA. 266+00**



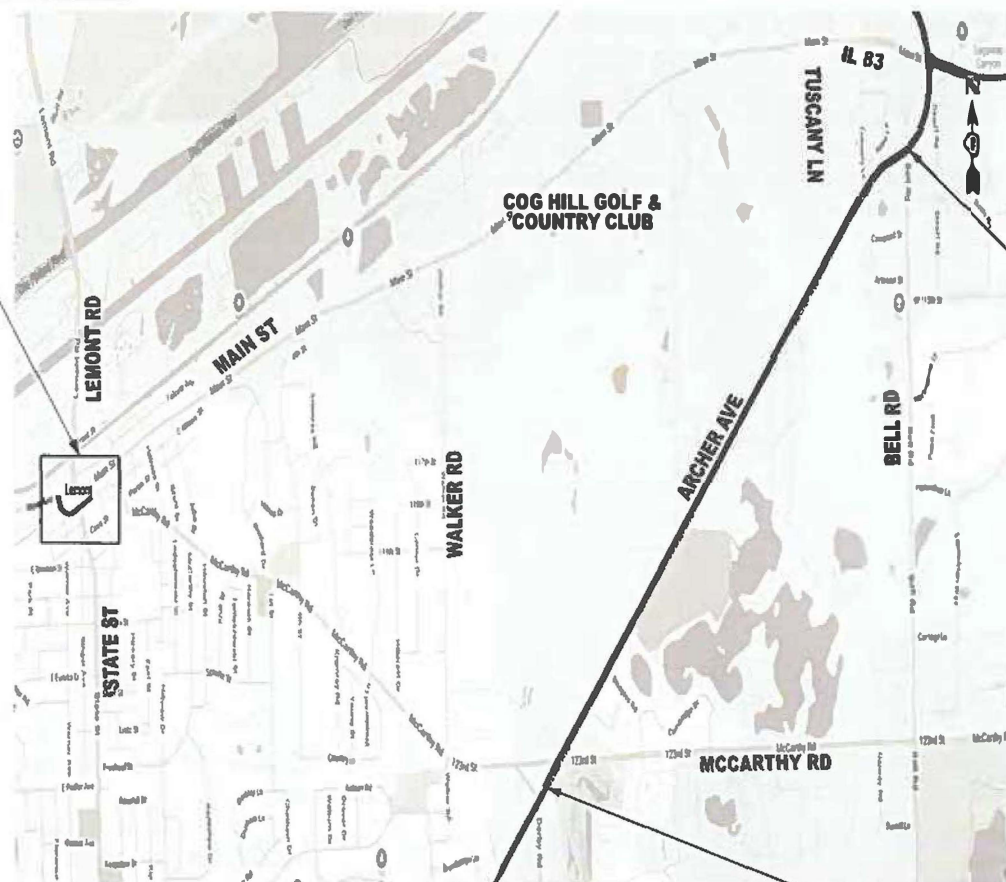
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER: VESELIN VELICHKOV, 847-705-4432
PROJECT MANAGER: FAWAD AQUEEL**

CONTRACT NO. 80B30

**TERRA
ENGINEERING LTD**
CONTACT: DAN KAVANAUGH (312) 467-0123



**BEGIN PROJECT
STA. 155+25**



**MATTHEW T. HEIBERGER, P.E.
IL LIC. NO. 062-075354
EXP: _____
DATE: _____
SIGNATURE AND SEAL APPLIES TO SHEETS X TO X**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUBMITTED Jan 28th 2026
Jared Davis IR
REGIONAL ENGINEER

March 20, 2026
Matthew T. Heiberger
ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2026
Matthew T. Heiberger
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6-8	ILLINOIS ST RESURFACING
9-10	ILLINOIS ST TRAFFIC SIGNAL PLANS
11-15	TYPICAL SECTIONS
16-19	REMOVAL PLANS
20-23	ROADWAY AND PAVEMENT MARKING PLANS
24-27	LANDSCAPING PLANS
28-33	SIDEWALK RAMP DETAILS
34-44	TRAFFIC SIGNAL PLANS
45-57	DISTRICT 1 HIGHWAY STANDARDS

DISTRICT 1 STANDARDS

STANDARD NO.	DRAWING NAME
BD-03	OUTLET FOR CONCRETE CURB AND GUTTER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAIL
BM-20	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROAD, INTERSECTIONS, AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-01	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (7 SHEETS)

IDOT HIGHWAY STANDARDS

STANDARD NO.	DRAWING NAME
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-06	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-04	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701426-09	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND ORDERING MATERIALS.
3. 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.
4. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
5. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, VIA EMAIL AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
7. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 OR 811 TO DETERMINE WHICH UTILITIES ARE WITHIN THE AREA. 48 HOUR NOTIFICATION IS REQUIRED.
8. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
9. THE CONTRACTOR SHALL SWEEP AND CLEAN THE PAVEMENT SURFACE, PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
10. THE CONTRACTOR SHALL CAREFULLY REMOVE OR EXCAVATE NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTER IN THE FIELD, UNLESS OTHERWISE SHOWN.
12. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
13. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
14. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
15. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
16. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER THE RECORD TO THE ENGINEER.
17. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
18. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED IN THE CONTRACT SPECIFICATIONS.
19. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
20. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
21. 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.
22. TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.
23. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

GEOTECHNICAL NOTES

1. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH THE ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
2. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
3. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 1 OR RR 1.
4. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
5. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.

MODEL: Index - Gen Notes [Sheet]
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	PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -			577	2025-2011-RS	COOK	57	2	
						CONTRACT NO. 80B30					
						SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14	14					
20200100	EARTH EXCAVATION	CU YD	5035	5035					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	760	760					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	12552	12552					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3436	3436					
21400100	GRADING AND SHAPING DITCHES	FOOT	300	300					
25000115	SEEDING, CLASS 1B	ACRE	2	2					
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	155	155					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	155	155					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	155	155					
25003312	INTERSEEDING, CLASS 4A	ACRE	5	5					
25200200	SUPPLEMENTAL WATERING	UNIT	15	15					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	71	71					
28000400	PERIMETER EROSION BARRIER	FOOT	14952	14952					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	760	760					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	8443	8443					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20411	20411					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	35514	34363			1151		
* 40600370	LONGITUDINAL JOINT SEALANT	FOOT	23699	21949			1750		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	11	10			1		

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	682	514			168		
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	4861	4861					
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	4468	4468					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	573				573		
42001300	PROTECTIVE COAT	SQ YD	300	300					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1412	1412					
42400800	DETECTABLE WARNINGS	SQ FT	155	155					
44000100	PAVEMENT REMOVAL	SQ YD	1944	1944					
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	1990	1990					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5116				5116		
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	43398	43398					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	250	250					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	380	380					
44000600	SIDEWALK REMOVAL	SQ FT	1587	1587					
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	1372	1372					
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	240	175			65		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	720	525			195		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	1430	1045			385		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	2380	1740			640		

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		CHECKED - MH	REVISED -
	PLOT DATE = 1/23/2026	DATE = 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	3
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
44213200	SAW CUTS	FOOT	15703	15703					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	564	564					
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	9072	9072					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	12	3			9		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	12	12					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	257	257					
60905305	BOX CULVERTS TO BE CLEANED	FOOT	945	945					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1010	1010					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10					
67100100	MOBILIZATION	L SUM	1	1					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1					
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	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					
* SPECIALTY ITEM									

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	80	80					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10072	9328			744		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	24173	22041			2132		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1636	948			688		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	112554	107840			4714		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	9102	6336			2766		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	874	738			136		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	4524	4302			222		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	508	138			370		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	72489	66118			6371		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	818	474			344		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	56277	53920			2357		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4551	3168			1383		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	437	369			68		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2262	2151			111		

MODEL: SQO SHEET - 002 (Sheet)
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	USER NAME = DavidS	DESIGNED - MH	REVISED -
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	PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	4
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
				80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24*	FOOT	254	69			185		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	686	626			60		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	686	626			60		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	54			54			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1			
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1186			1186			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	253			253			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	253			253			
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	48			48			
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1			1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4			4			
* 87900200	DRILL EXISTING HANDHOLE	EACH	2			2			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	165			165			
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1			1			
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1			1			
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1			
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1			1			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1			1			
* K0029614	WEED CONTROL, AQUATIC	GALLON	1	1					
* K0029624	WEED CONTROL, TEASEL	GALLON	5	5					

SUMMARY OF QUANTITIES				IL 171 / ARCHER AVE			LOCKPORT ST / ILLINOIS ST		
				TYPE			CODE		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	TRAFFIC SIGNAL	ROADWAY	ROADWAY	TRAFFIC SIGNAL
				80% FED 20% STATE	100% STATE	80% FED 20% STATE	80% FED 20% STATE	100% STATE	80% FED 20% STATE
Code No.	Item	Unit	Total Quantity	0005	0005	0021	0005	0005	0021
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1					
* X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
* X0327120	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT	ACRE	6	6					
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1			1			
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	5					5	
* X2010516	SELECTIVE CLEARING	UNIT	30	30					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	15	15					
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	1569	1569					
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	110	100			10		
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	110	100			10		
* X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1800		1000				800
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	5	2			3		
* X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	412	283			129		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8			8			
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4			4			
X8860105	DETECTDR LDDP REPLACEMENT	FDDT	887			215			672
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	36		20				16
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1			1			
Ø Z0076600	TRAINEES	HDUR	500	500					
Ø Z0076604	TRAINEES - TRAINING PRDGRAM GRADUATE	HDUR	500	500					

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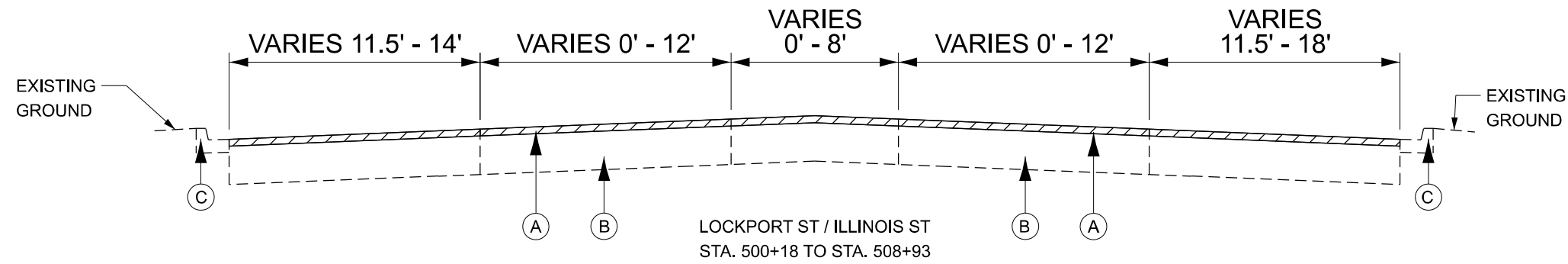
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83

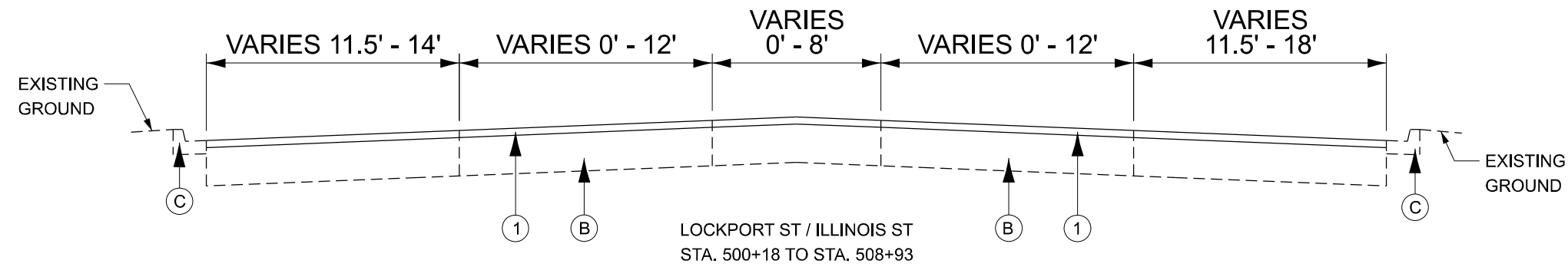
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	5
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Ø 0042



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

EXISTING LEGEND

- (A) EXISTING HMA SURFACE ± 2"
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (C) EXISTING PCC BASE COURSE, ± 11"
- (C) EXISTING CURB AND GUTTER

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"

NOTES:

1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

MODEL: ILLINOIS ST TYPICAL SECTIONS - 1 [Sheet]
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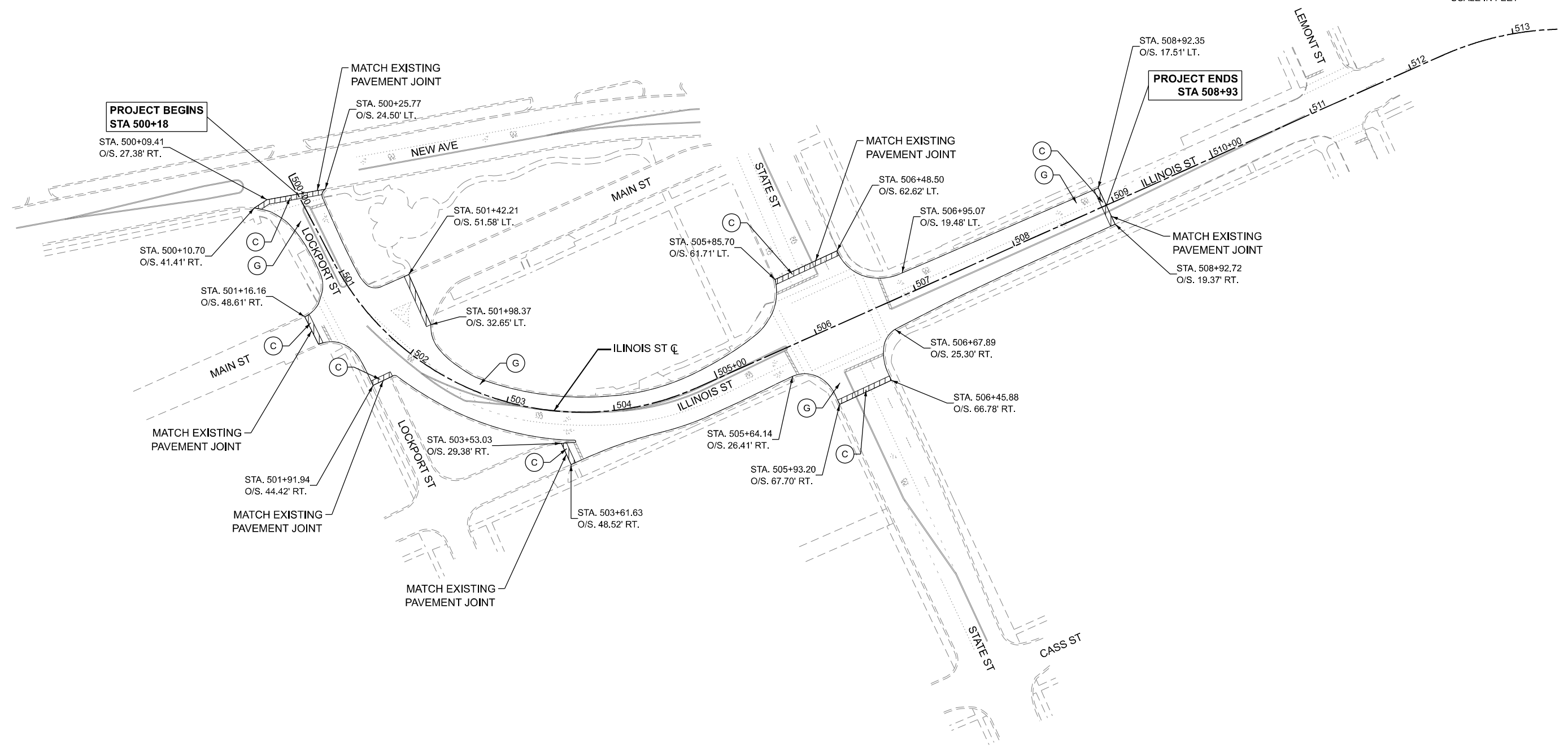
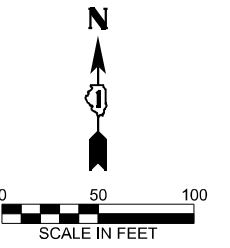


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PLOT DATE = 2/24/2026	DATE - 01/23/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS ILLINOIS ST RESURFACING			
SCALE:	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1065	2025-2011-RS	COOK	57	6
CONTRACT NO. 80B30				
ILLINOIS FED. AID PROJECT				



**PROJECT BEGINS
STA 500+18**

**PROJECT ENDS
STA 508+93**

LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- (C) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- (D) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F) MEDIAN REMOVAL PARTIAL DEPTH, 1.75" (44003510)
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. WHERE FULL DEPTH SHOULDER PAVEMENT IS PROPOSED AND THE EXISTING PAVEMENT EXTENDS BEYOND THE EDGE OF THE LANE, THE CONTRACTOR SHALL SAW CUT ALONG THE EXISTING LANE LINE AND REMOVE THE PAVEMENT BEYOND THE SAW CUT. AN ESTIMATED QUANTITY FOR SAW CUTS (44213200) AND PAVEMENT REMOVAL (44000100) HAVE BEEN INCLUDED IN THE CONTRACT.
3. AT DRIVEWAYS WHERE FULL DEPTH SHOULDER IS PROPOSED, REMOVAL OF EXISTING AGGREGATE DRIVEWAY IS PAID FOR AS EARTH EXCAVATION (20200100) AND REMOVAL OF EXISTING HMA OR PCC DRIVEWAY IS PAID FOR AS DRIVEWAY PAVEMENT REMOVAL (44000200).
4. CONTRACTOR SHALL REMOVE DEBRIS AND VEGETATION THAT HAS BEEN DEPOSITED ALONG THE EDGE OF PAVEMENT AND SHALL REGRADE THE ADJACENT GROUND TO DRAIN AWAY FROM THE PAVEMENT TO PREVENT DEBRIS FROM ACCUMULATING AGAIN IN THE FUTURE. PAID FOR AS GRADING AND SHAPING SHOULDERS (X2020110).

MODEL: ILLINOIS-REMOVALS (Sheet)
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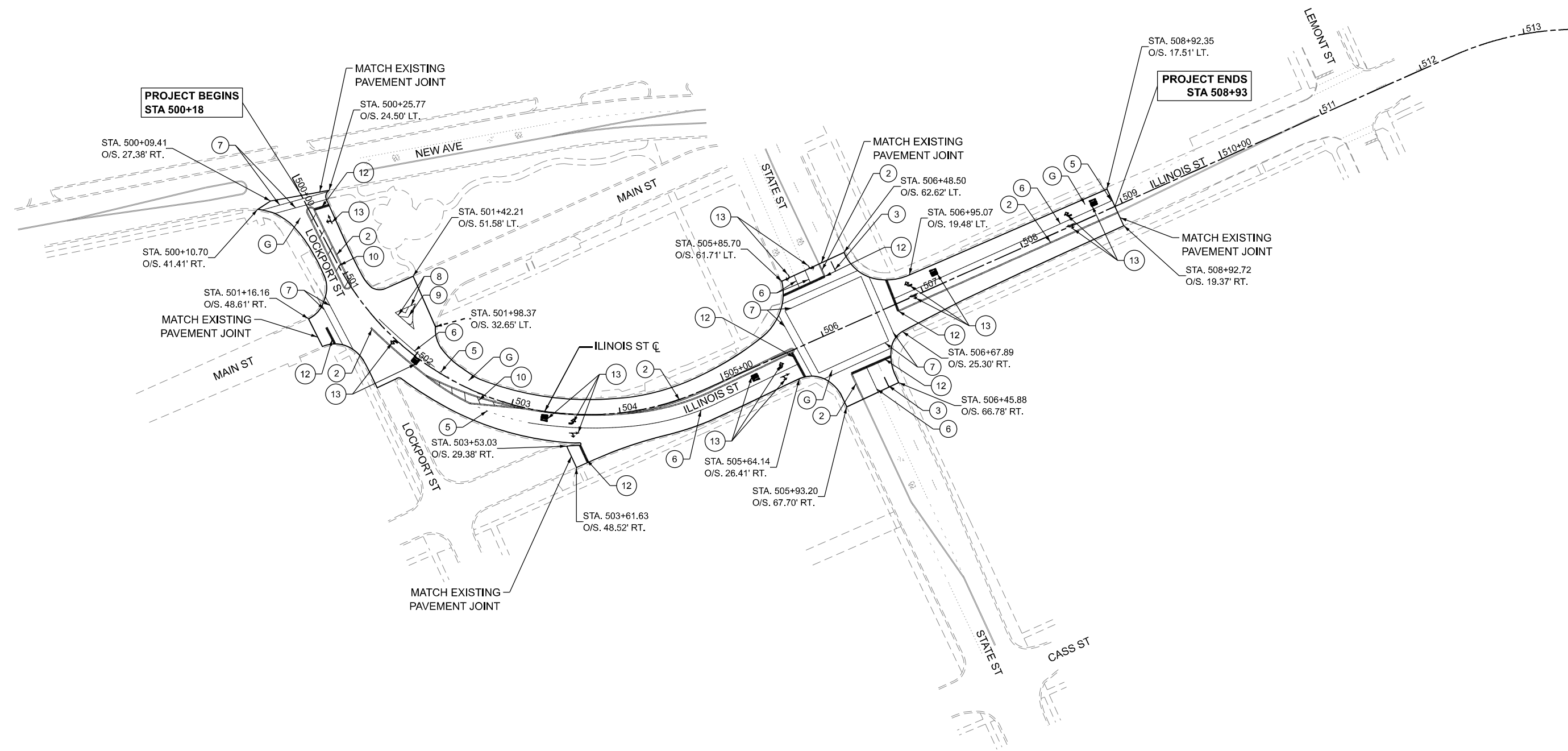
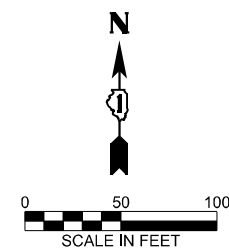
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	DRAWN - DS	REVISED -
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PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
ILLINOIS ST RESURFACING**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1065	2025-2011-RS	COOK	57	7
CONTRACT NO. 80B30				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)</p> <p>(B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)</p> <p>(C) HOT-MIX ASPHALT SHOULDERS, 8" (48203029)
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)</p> <p>(D) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)</p> <p>(E) CLASS SI CONCRETE (OUTLET) (60600095)</p> | <p>(F) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)</p> <p>(G) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2" (40605026)</p> <p>(1) LINE 4", SOLID, WHITE, EDGE LINE</p> <p>(2) LINE 4", DOUBLE SOLID, YELLOW, 2 @ 11" C-C</p> <p>(3) LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE</p> <p>(4) LINE 4", SOLID, YELLOW</p> <p>(5) LINE 6", DOTTED, WHITE, 2' LINE - 6' SPACE</p> | <p>(6) LINE 6", SOLID, WHITE, TURN LANE MARKING</p> <p>(7) LINE 6", SOLID, WHITE, CROSSWALK</p> <p>(8) LINE 8", SOLID, WHITE, EDGE LINE</p> <p>(9) LINE 12", SOLID, WHITE, DIAGONAL @ 45 DEG.</p> <p>(10) LINE 12", SOLID, YELLOW, DIAGONAL @ 45 DEG. @ 40' C-C</p> <p>(11) LINE 12", SOLID, WHITE, CROSSWALK</p> <p>(12) LINE 24", SOLID, WHITE, STOP LINE</p> <p>(13) LETTERS & SYMBOLS, SOLID WHITE</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NOTES:

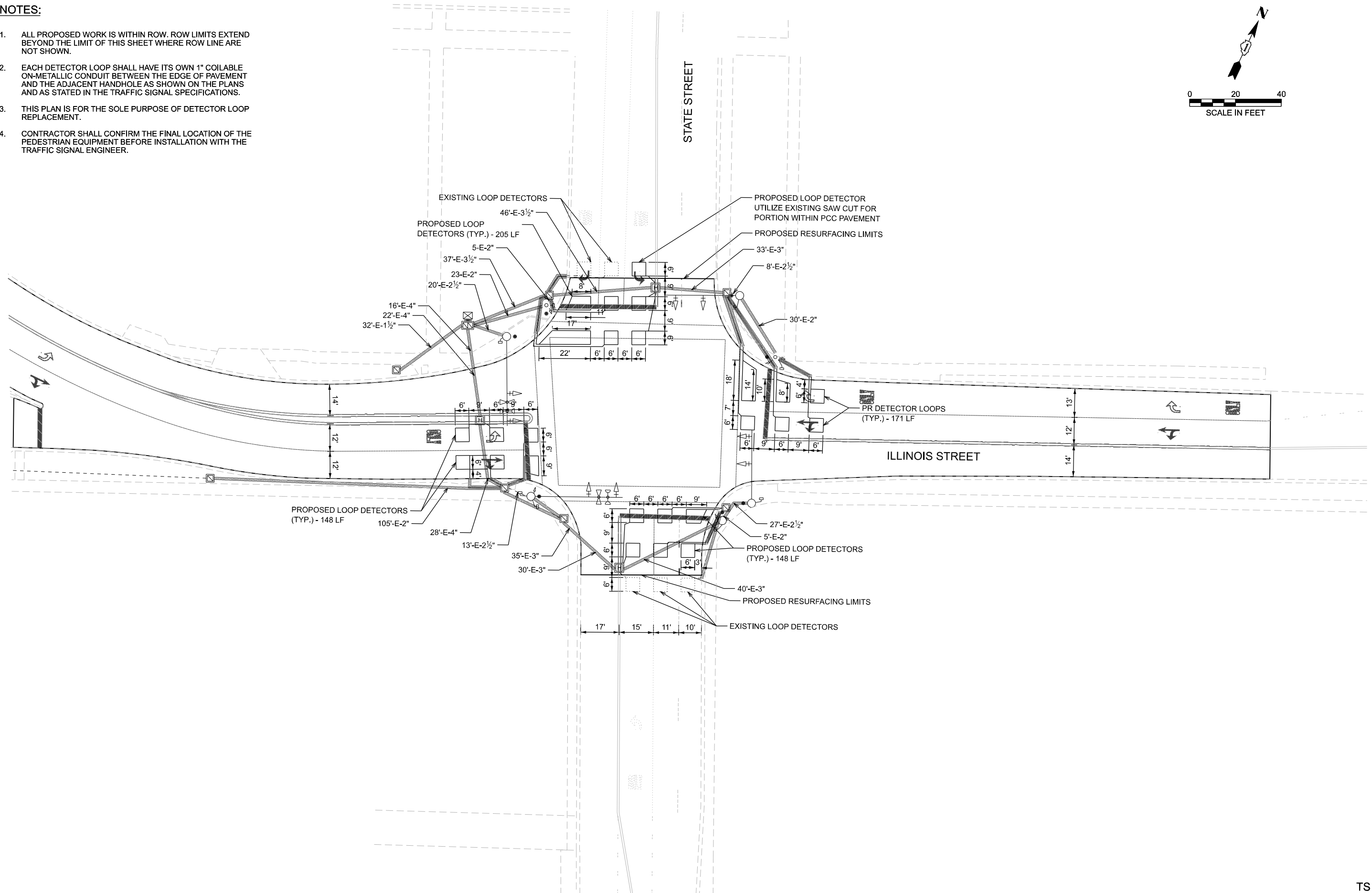
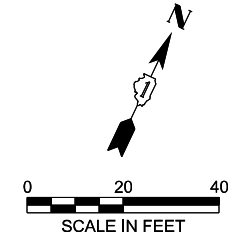
- LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) ON HMA PAVEMENT.
- 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.

MODEL: ILLINOIS-DESIGN (Sheet)
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	PLOT DATE = 1/23/2026	DATE = 01/23/2026	CHECKED - MH			REVISED -	1065	2025-2011-RS	COOK	57	8
						SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.		CONTRACT NO. 80B30			
						ILLINOIS FED. AID PROJECT					

NOTES:

1. ALL PROPOSED WORK IS WITHIN ROW. ROW LIMITS EXTEND BEYOND THE LIMIT OF THIS SHEET WHERE ROW LINE ARE NOT SHOWN.
2. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE ON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
3. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.



MODEL: Illinois St - TS - Plan (Sheet)
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

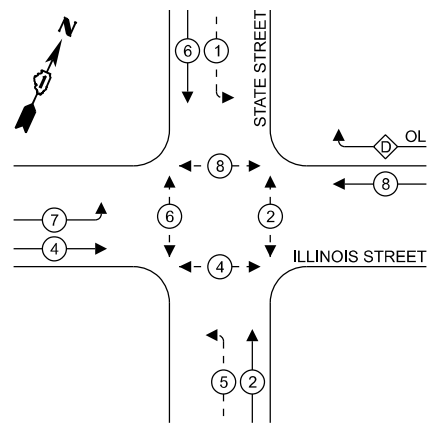
TRAFFIC SIGNAL MODIFICATION PLAN
ILLINOIS ST AND STATE ST

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1065	2025-2011-RS	COOK	57	9
CONTRACT NO. 80B30				
ILLINOIS FED. AID PROJECT				

TS 5785

EXISTING CONTROLLER PHASE DIAGRAM



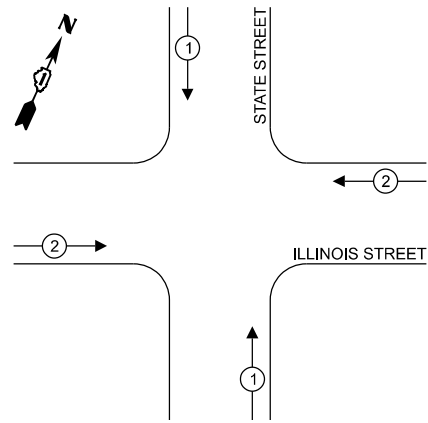
LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMISSIVE PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

EXISTING EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM



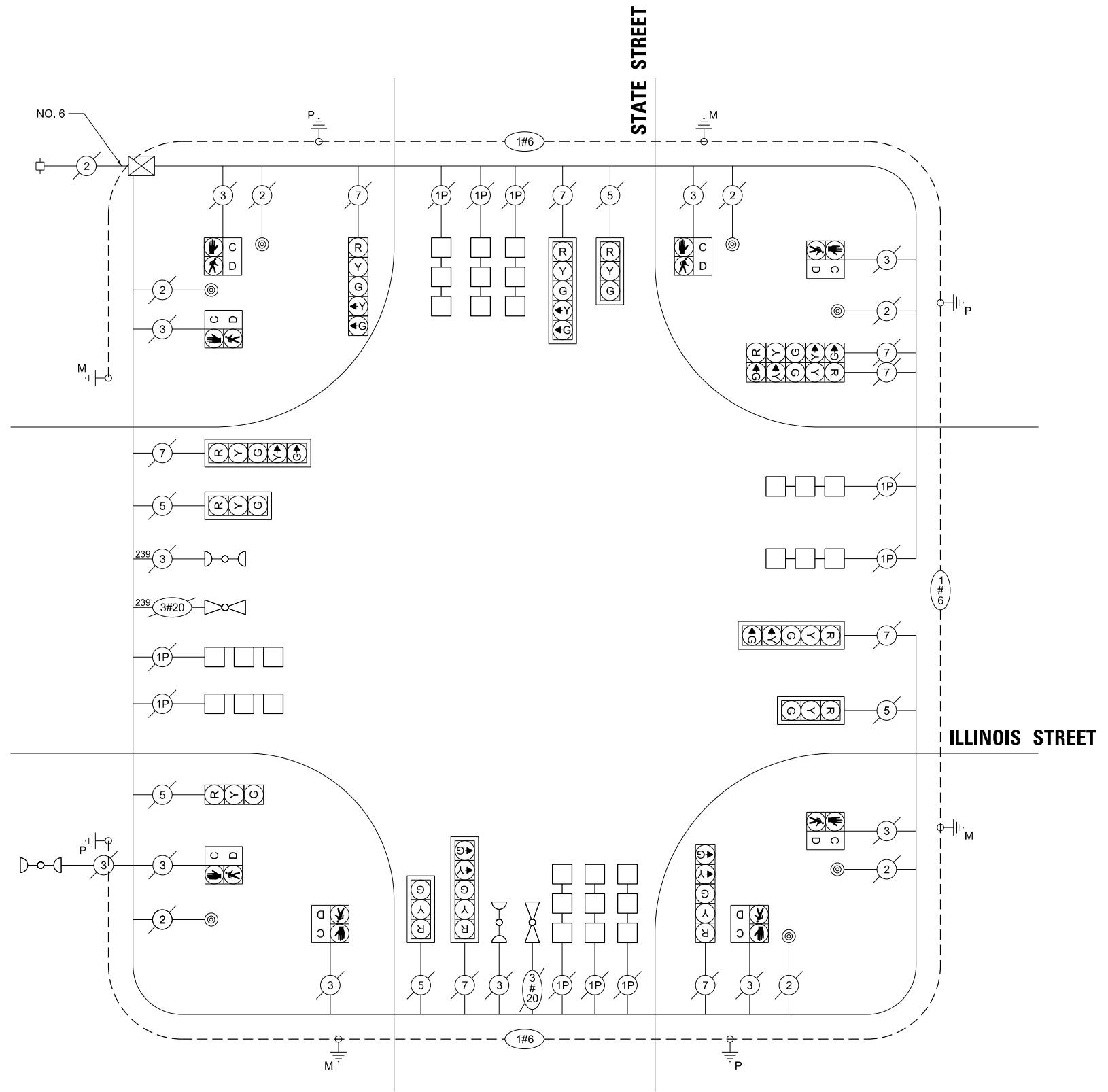
TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
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	-	25	-
DETECTION VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
PTZ CAMERA	-	75	-
TOTAL UPS SIZING		440	
UPS CHARGING	-	225	-
BATTERY HEATER MAT	-	180	-
CABINET HEATER	1	200	200
FLASHER	3	15	45
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING		685	

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: ---
COMPANY: COMED
ACCOUNT NUMBER: ---
METER NUMBER: ---



CABLE PLAN

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	672

MODEL: Illinois St - TS - Cable Plan (Sheet)
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PLOT DATE = 2/10/2026

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CHECKED - MH
DATE - 01/23/2026

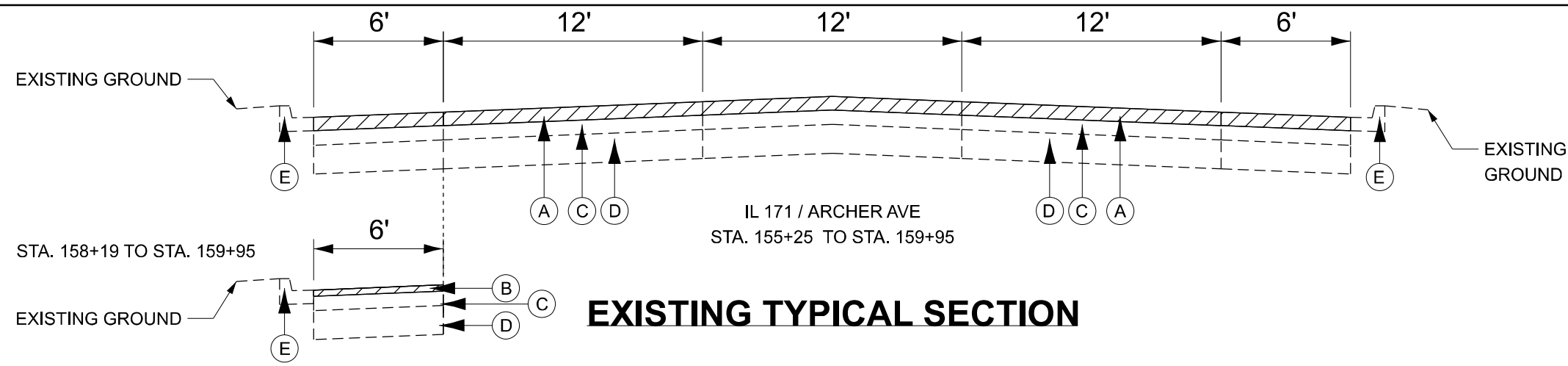
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

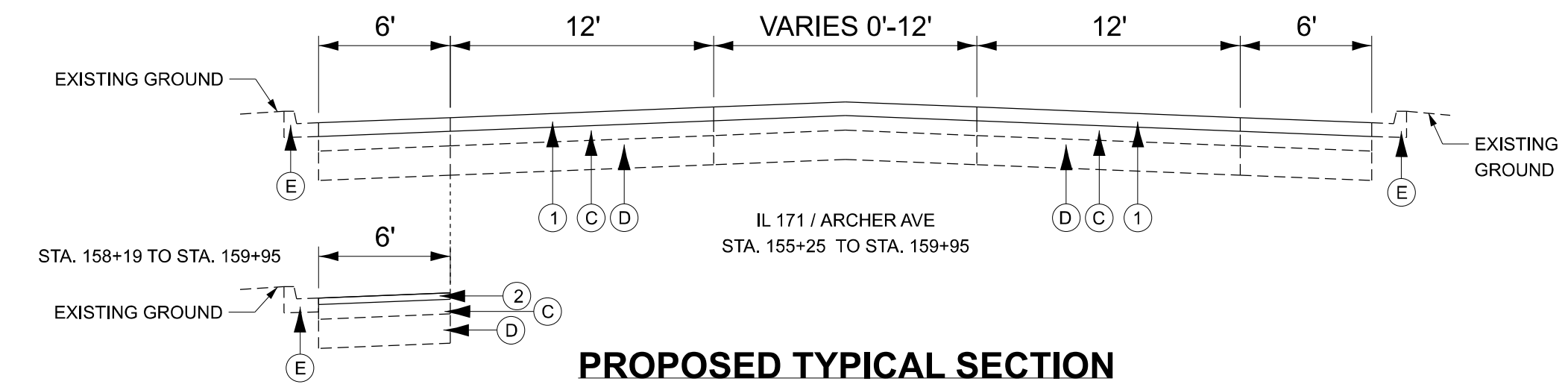
**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
ILLINOIS ST AND STATE ST**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1065	2025-2011-RS	COOK	57	10
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" (44000156)
- (C) EXISTING HMA SURFACE AFTER MILLING, ± 4"
- (D) EXISTING PCC BASE COURSE, ± 8"
- (E) EXISTING CURB AND GUTTER

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172), HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (3) HOT-MIX ASPHALT SHOULDER, 8" (48203029)
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- (5) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

NOTES:

1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE, IL-9.50, N70.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS - ARCHER AVE		
MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
DESIGNED OVERLAY (ONLY HMA SURFACE FOR SHOULDER & SIDE STREETS)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	4.0% @ 70 GYR	QCP
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"	4.0% @ 70 GYR	QC/QA
HMA SHOULDER 8"		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	4.0% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 6-1/4"	4.0% @ 70 GYR	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4.0% @ 70 GYR	QC/QA
TEMPORARY RAMP (SPECIAL)		
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (VAR. DEPTH)	4.0% @ 70 GYR	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)

MIXTURE REQUIREMENT 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.
3. WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDER.

MODEL: Typical Sections - 01 (Sheet)
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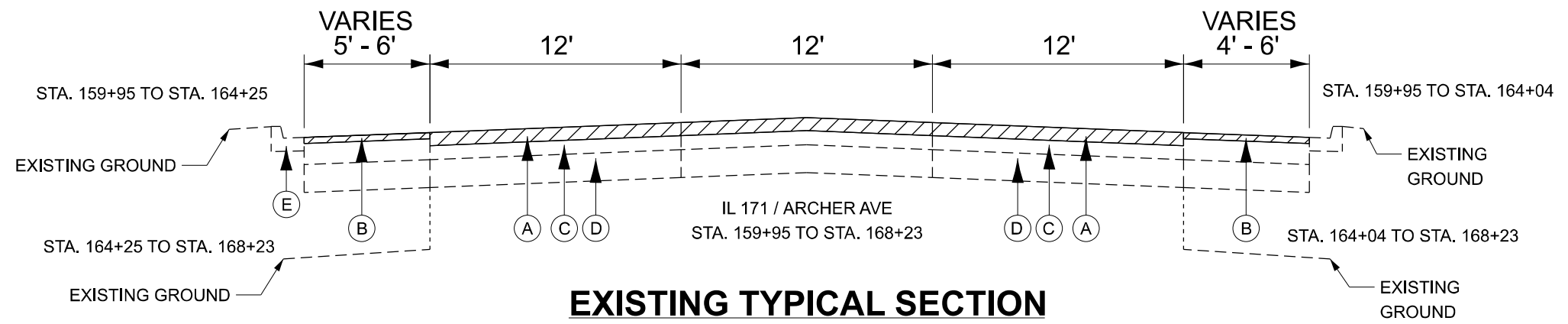
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PLOT DATE = 1/22/2026	DATE - 01/23/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

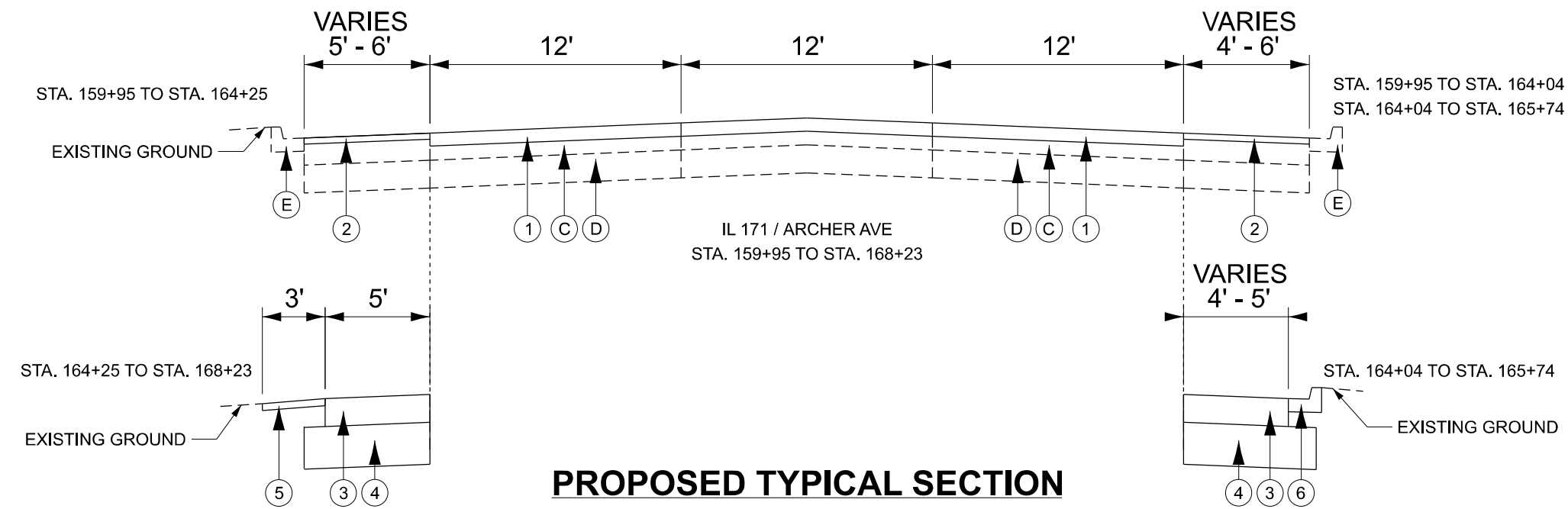
TYPICAL SECTIONS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

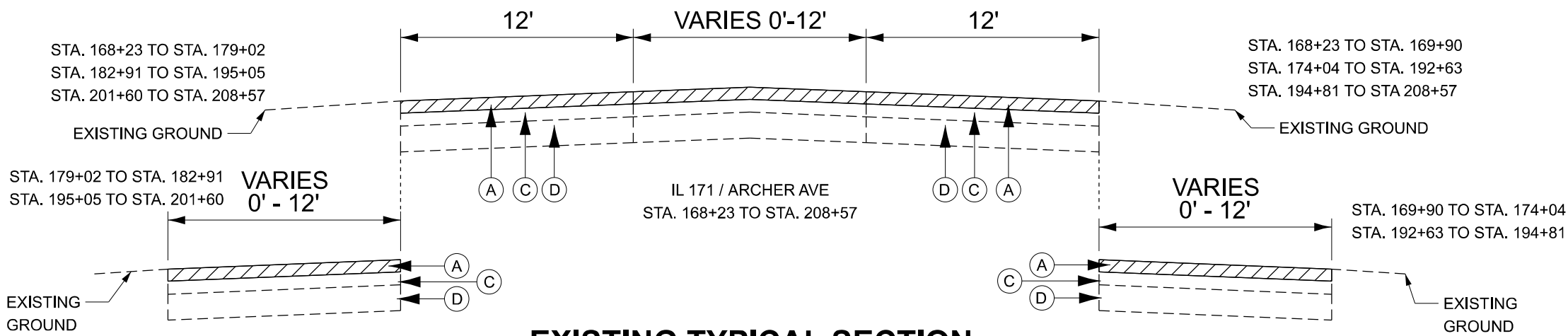
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	11
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



EXISTING TYPICAL SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" (44000156)
- (C) EXISTING HMA SURFACE AFTER MILLING, ± 4"
- (D) EXISTING PCC BASE COURSE, ± 8"
- (E) EXISTING CURB AND GUTTER

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172), HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (3) HOT-MIX ASPHALT SHOULDER, 8" (48203029)
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- (5) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

- NOTES:
1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
 2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE, IL-9.5, N70.

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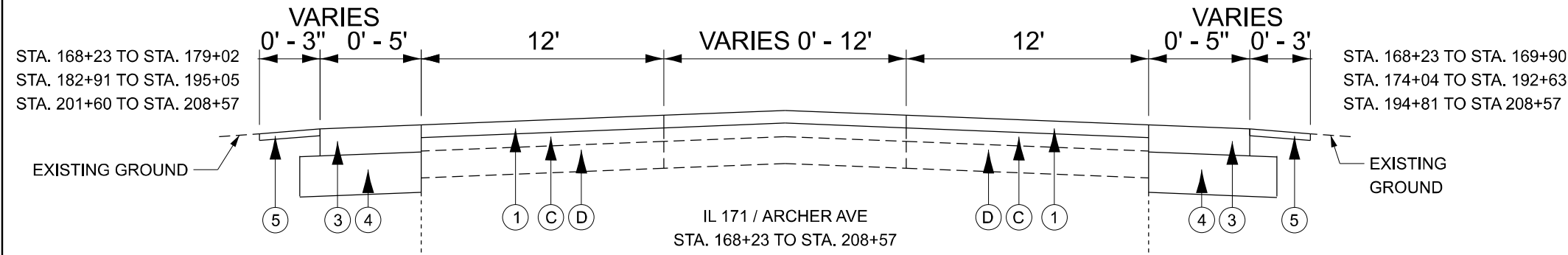


USER NAME = DavidS	DESIGNED - MH	REVISED -
	DRAWN - DS	REVISED -
	CHECKED - MH	REVISED -
PLOT DATE = 2/24/2026	DATE - 01/23/2026	REVISED -

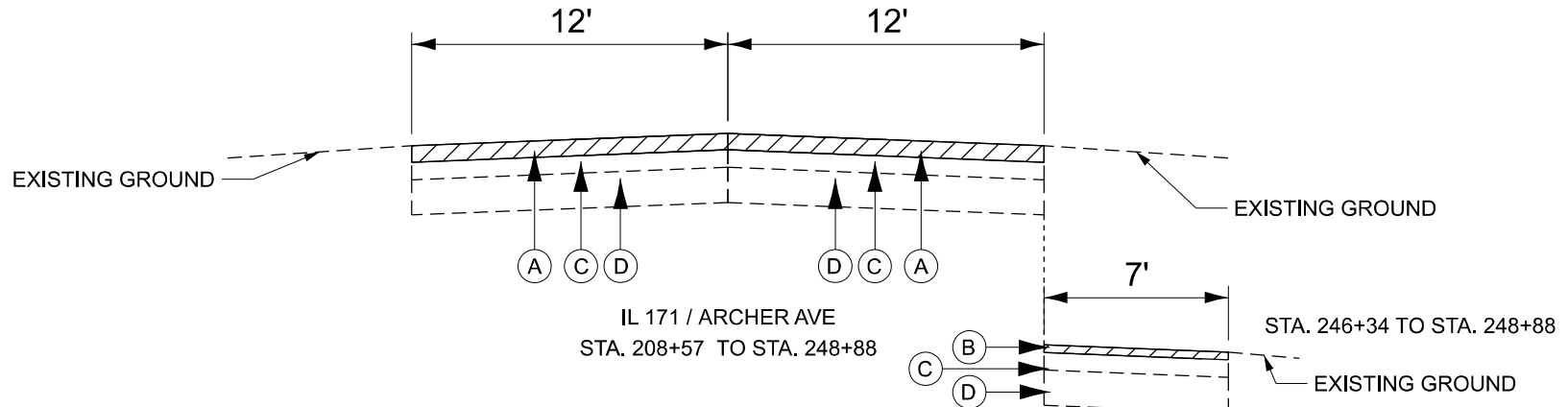
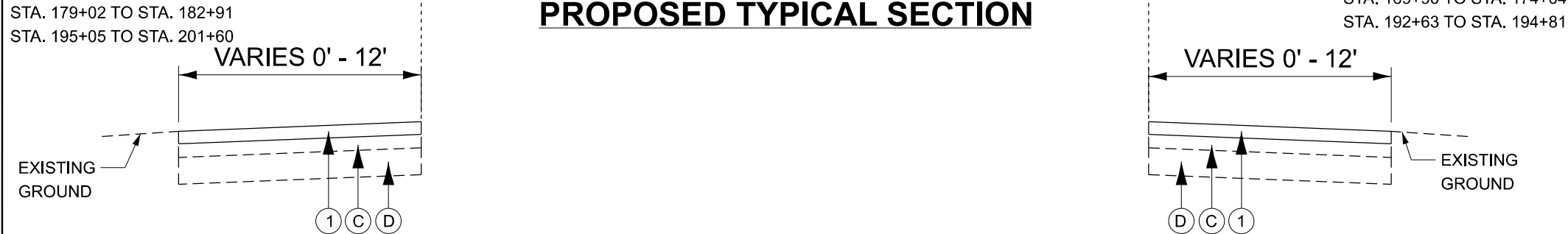
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83	
SCALE:	SHEET 2 OF 5 SHEETS STA. TO STA.

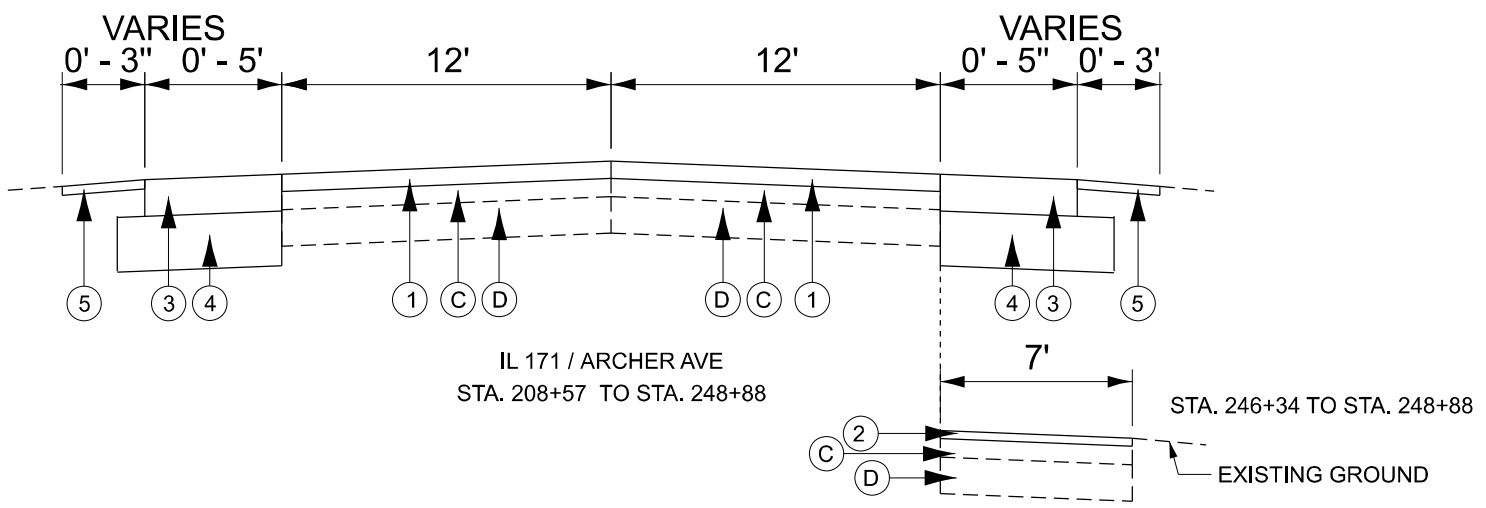
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	12
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" (44000156)
- (C) EXISTING HMA SURFACE AFTER MILLING, ± 4"
- (D) EXISTING PCC BASE COURSE, ± 8"
- (E) EXISTING CURB AND GUTTER

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172), HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (3) HOT-MIX ASPHALT SHOULDER, 8" (48203029)
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- (5) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

- NOTES:
1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
 2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE, IL-9.5, N70.

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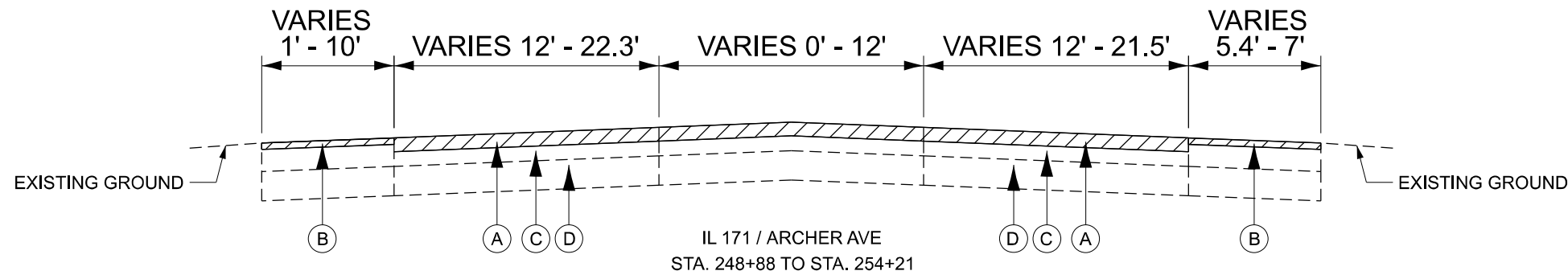


USER NAME = DavidS	DESIGNED - MH	REVISED -
	DRAWN - DS	REVISED -
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PLOT DATE = 2/24/2026	DATE - 01/23/2026	REVISED -

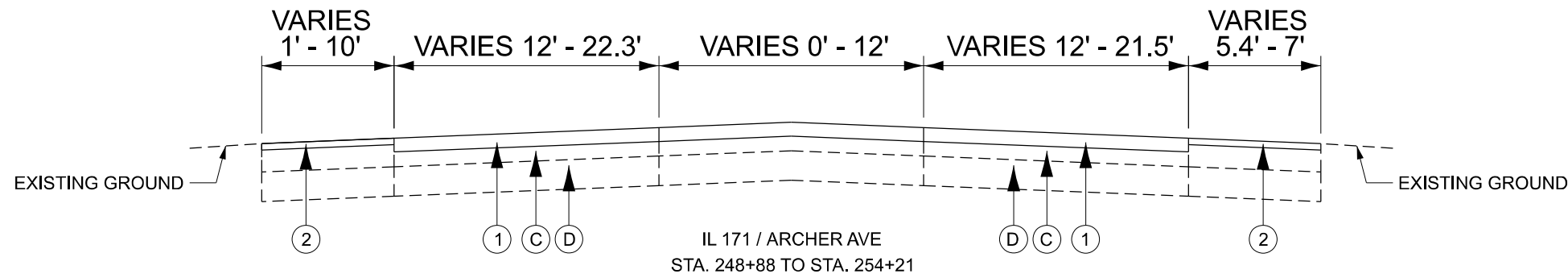
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

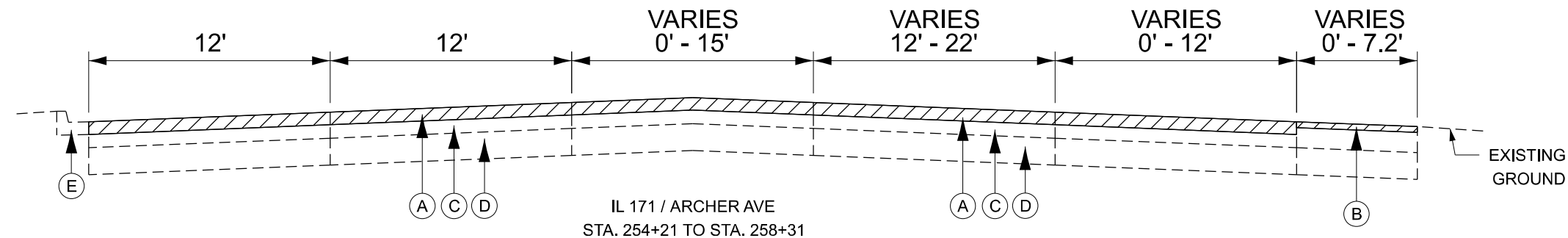
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	13
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



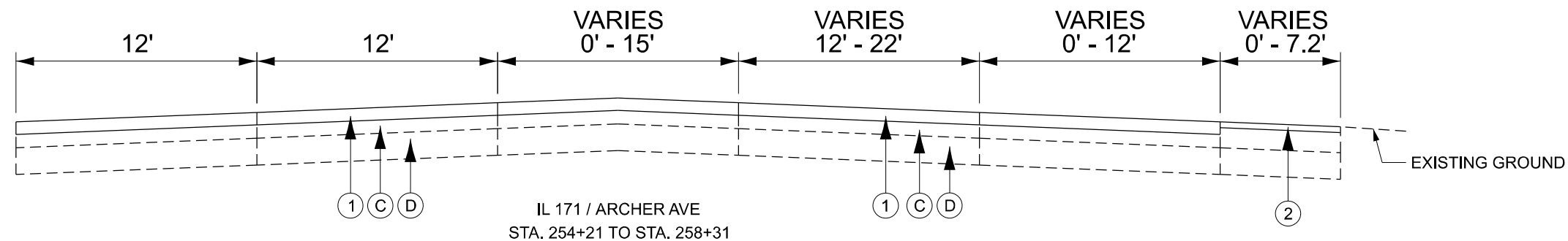
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" (44000156)
- (C) EXISTING HMA SURFACE AFTER MILLING, ± 4"
- (D) EXISTING PCC BASE COURSE, ± 8"
- (E) EXISTING CURB AND GUTTER

PROPOSED LEGEND

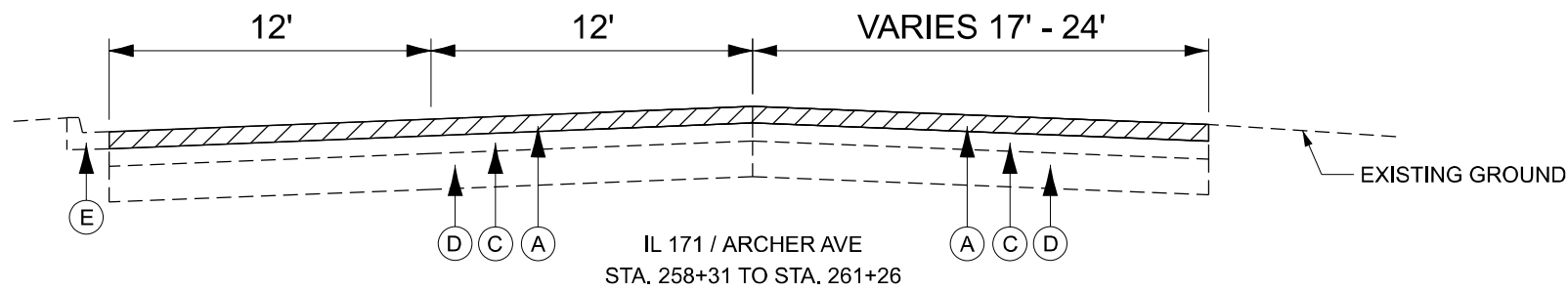
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172), HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (3) HOT-MIX ASPHALT SHOULDER, 8" (48203029)
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- (5) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

NOTES:

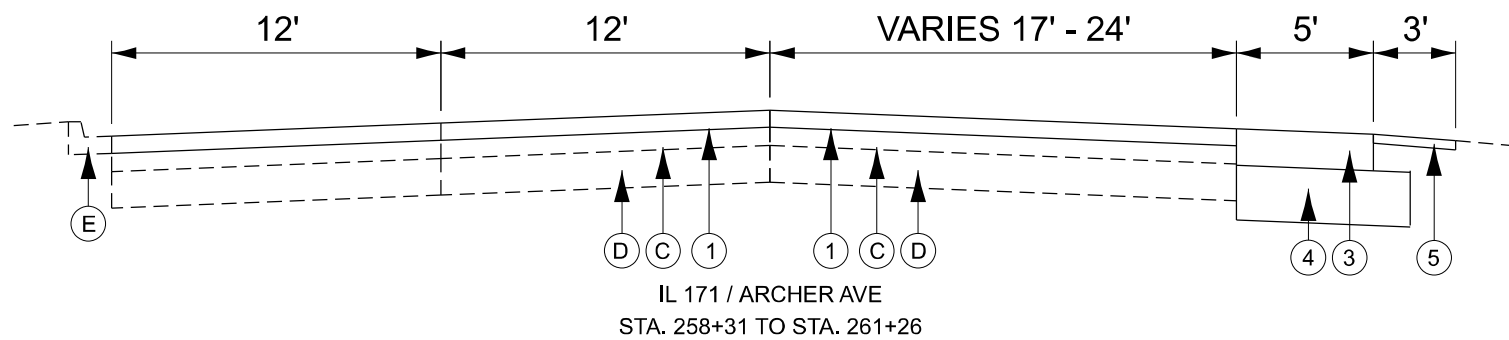
1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE, IL-9.5, N70.

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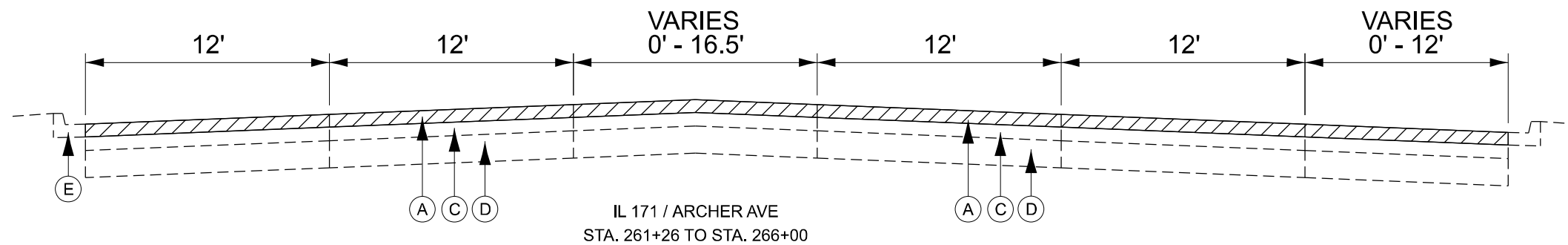
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	PLOT DATE = 2/24/2026	DATE = 01/23/2026	REVISOR -			SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.	CONTRACT NO. 80B30			



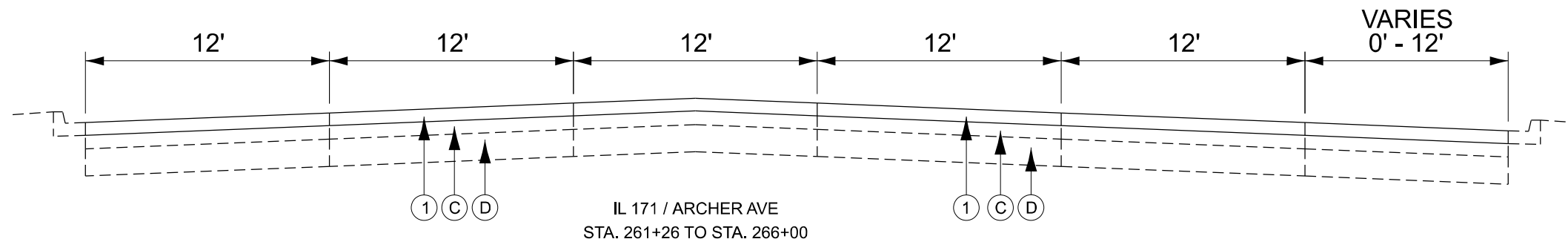
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4" (44000156)
- (C) EXISTING HMA SURFACE AFTER MILLING, ± 4"
- (D) EXISTING PCC BASE COURSE, ± 8"
- (E) EXISTING CURB AND GUTTER

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172), HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (2) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (3) HOT-MIX ASPHALT SHOULDER, 8" (48203029)
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112)
- (5) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)

NOTES:

1. THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE, IL-9.5, N70.

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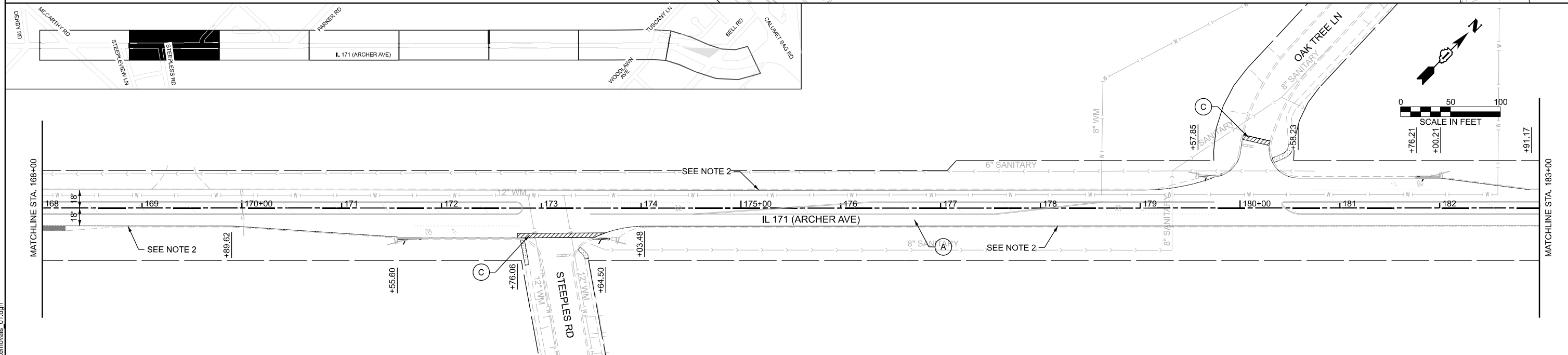
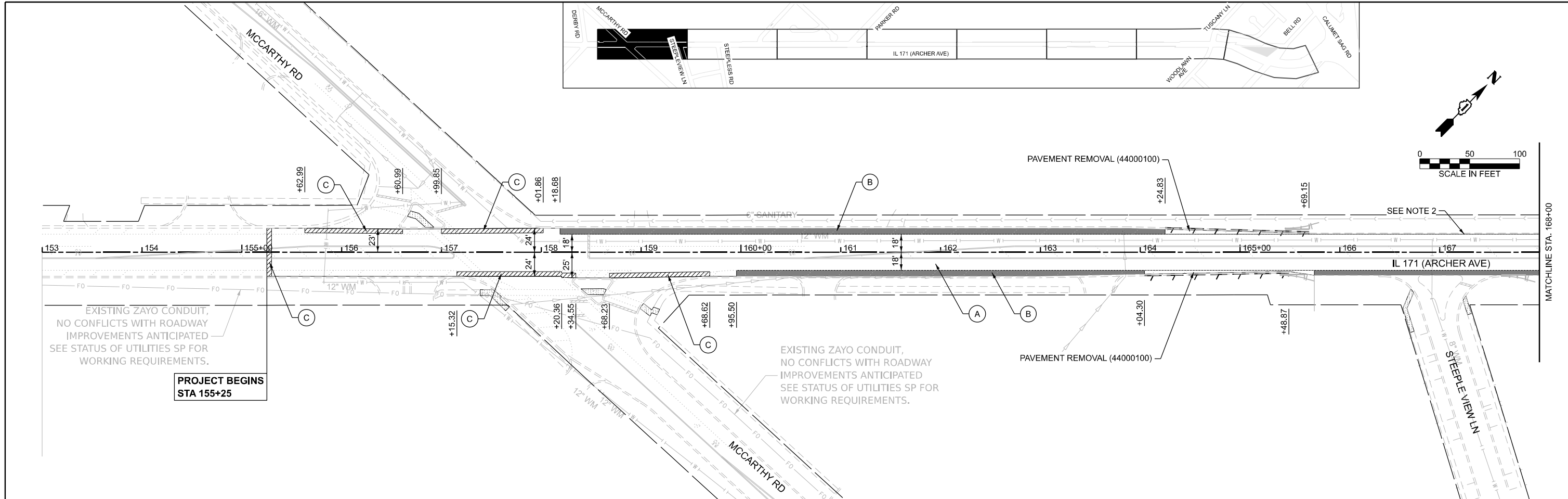
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PLOT DATE = 2/24/2026	DATE - 01/23/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	15
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- (C) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- (D) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F) MEDIAN REMOVAL PARTIAL DEPTH, 1.75" (44003510)
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. WHERE FULL DEPTH SHOULDER PAVEMENT IS PROPOSED AND THE EXISTING PAVEMENT EXTENDS BEYOND THE EDGE OF THE LANE, THE CONTRACTOR SHALL SAW CUT ALONG THE EXISTING LANE LINE AND REMOVE THE PAVEMENT BEYOND THE SAW CUT. AN ESTIMATED QUANTITY FOR SAW CUTS (44213200) AND PAVEMENT REMOVAL (44000100) HAVE BEEN INCLUDED IN THE CONTRACT.
3. AT DRIVEWAYS WHERE FULL DEPTH SHOULDER IS PROPOSED, REMOVAL OF EXISTING AGGREGATE DRIVEWAY IS PAID FOR AS EARTH EXCAVATION (20200100) AND REMOVAL OF EXISTING HMA OR PCC DRIVEWAY IS PAID FOR AS DRIVEWAY PAVEMENT REMOVAL (44000200).
4. CONTRACTOR SHALL REMOVE DEBRIS AND VEGETATION THAT HAS BEEN DEPOSITED ALONG THE EDGE OF PAVEMENT AND SHALL REGRADE THE ADJACENT GROUND TO DRAIN AWAY FROM THE PAVEMENT TO PREVENT DEBRIS FROM ACCUMULATING AGAIN IN THE FUTURE. PAID FOR AS GRADING AND SHAPING SHOULDERS (X2020110).

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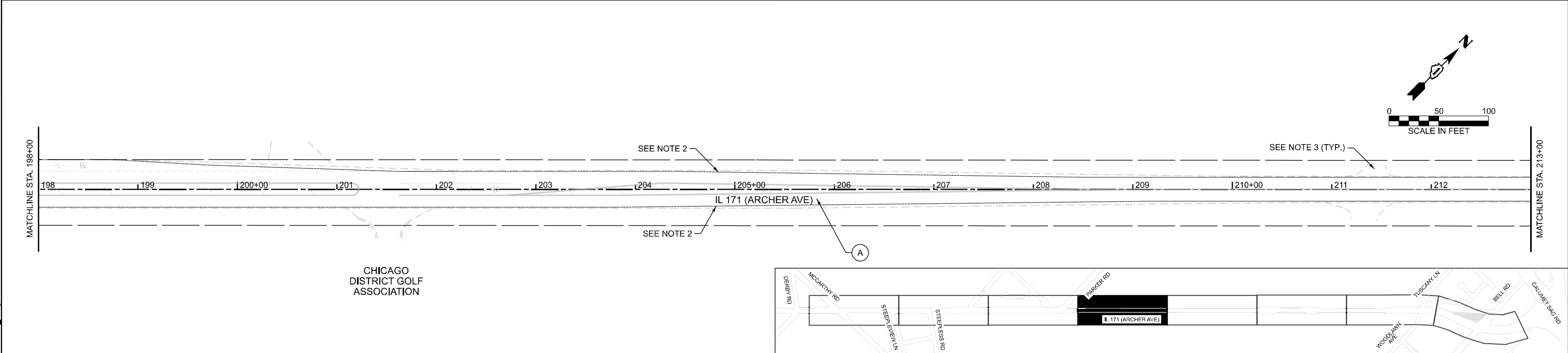
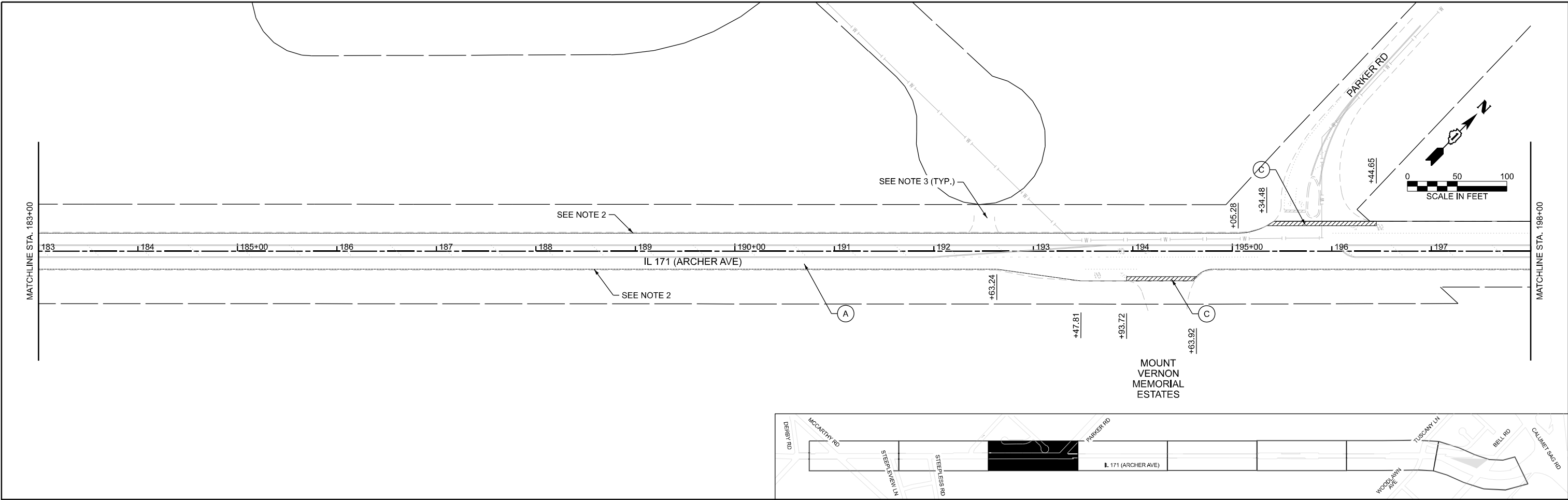
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	DRAWN - ZS	REVISED -
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PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 153+00.00 TO STA. 183+00.00

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 16
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- (C) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- (D) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F) MEDIAN REMOVAL PARTIAL DEPTH, 1.75" (44003510)
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. WHERE FULL DEPTH SHOULDER PAVEMENT IS PROPOSED AND THE EXISTING PAVEMENT EXTENDS BEYOND THE EDGE OF THE LANE, THE CONTRACTOR SHALL SAW CUT ALONG THE EXISTING LANE LINE AND REMOVE THE PAVEMENT BEYOND THE SAW CUT. AN ESTIMATED QUANTITY FOR SAW CUTS (44213200) AND PAVEMENT REMOVAL (44000100) HAVE BEEN INCLUDED IN THE CONTRACT.
3. AT DRIVEWAYS WHERE FULL DEPTH SHOULDER IS PROPOSED, REMOVAL OF EXISTING AGGREGATE DRIVEWAY IS PAID FOR AS EARTH EXCAVATION (20200100) AND REMOVAL OF EXISTING HMA OR PCC DRIVEWAY IS PAID FOR AS DRIVEWAY PAVEMENT REMOVAL (44000200).
4. CONTRACTOR SHALL REMOVE DEBRIS AND VEGETATION THAT HAS BEEN DEPOSITED ALONG THE EDGE OF PAVEMENT AND SHALL REGRADE THE ADJACENT GROUND TO DRAIN AWAY FROM THE PAVEMENT TO PREVENT DEBRIS FROM ACCUMULATING AGAIN IN THE FUTURE. PAID FOR AS GRADING AND SHAPING SHOULDERS (X2020110).

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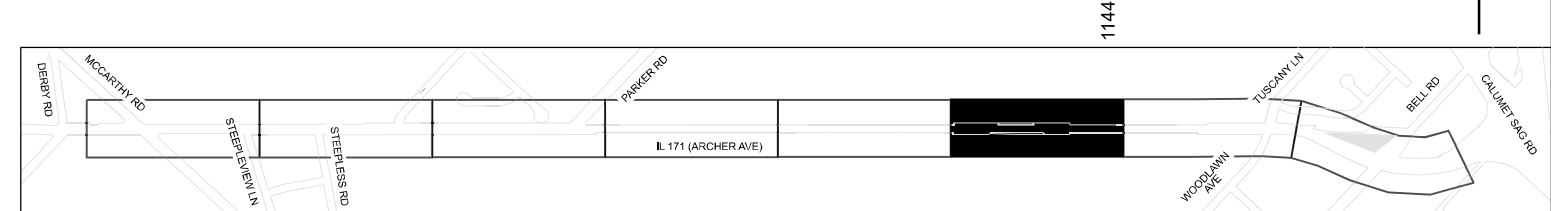
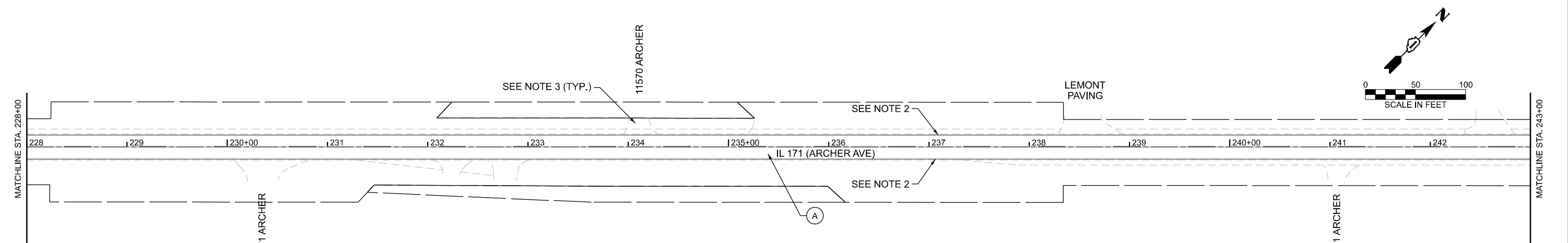
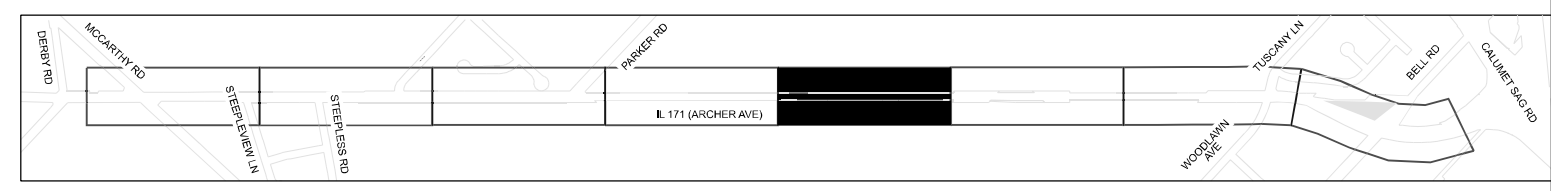
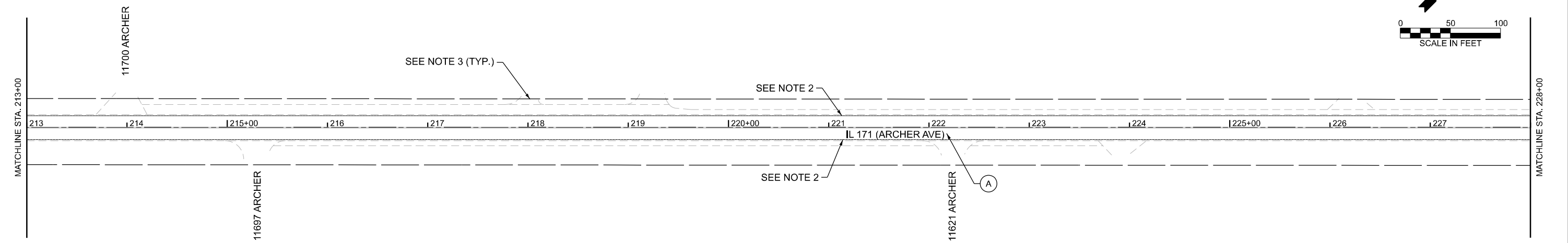
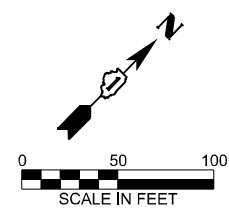
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	DRAWN - ZS	REVISED -
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PLOT DATE = 1/22/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 183+00.00 TO STA. 213+00.00

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 17
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- (C) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- (D) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F) MEDIAN REMOVAL PARTIAL DEPTH, 1.75" (44003510)
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. WHERE FULL DEPTH SHOULDER PAVEMENT IS PROPOSED AND THE EXISTING PAVEMENT EXTENDS BEYOND THE EDGE OF THE LANE, THE CONTRACTOR SHALL SAW CUT ALONG THE EXISTING LANE LINE AND REMOVE THE PAVEMENT BEYOND THE SAW CUT. AN ESTIMATED QUANTITY FOR SAW CUTS (44213200) AND PAVEMENT REMOVAL (44000100) HAVE BEEN INCLUDED IN THE CONTRACT.
3. AT DRIVEWAYS WHERE FULL DEPTH SHOULDER IS PROPOSED, REMOVAL OF EXISTING AGGREGATE DRIVEWAY IS PAID FOR AS EARTH EXCAVATION (20200100) AND REMOVAL OF EXISTING HMA OR PCC DRIVEWAY IS PAID FOR AS DRIVEWAY PAVEMENT REMOVAL (44000200).
4. CONTRACTOR SHALL REMOVE DEBRIS AND VEGETATION THAT HAS BEEN DEPOSITED ALONG THE EDGE OF PAVEMENT AND SHALL REGRADE THE ADJACENT GROUND TO DRAIN AWAY FROM THE PAVEMENT TO PREVENT DEBRIS FROM ACCUMULATING AGAIN IN THE FUTURE. PAID FOR AS GRADING AND SHAPING SHOULDERS (X2020110).

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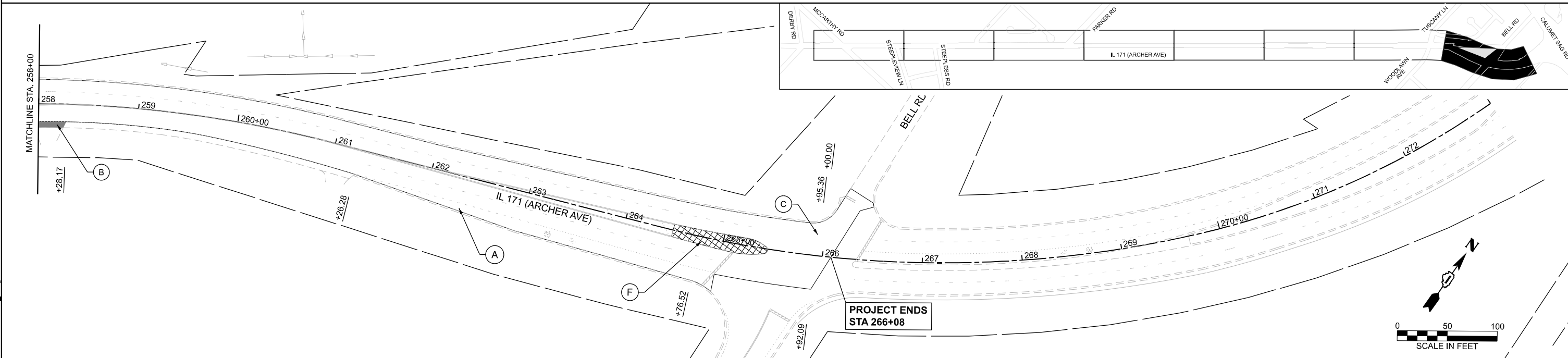
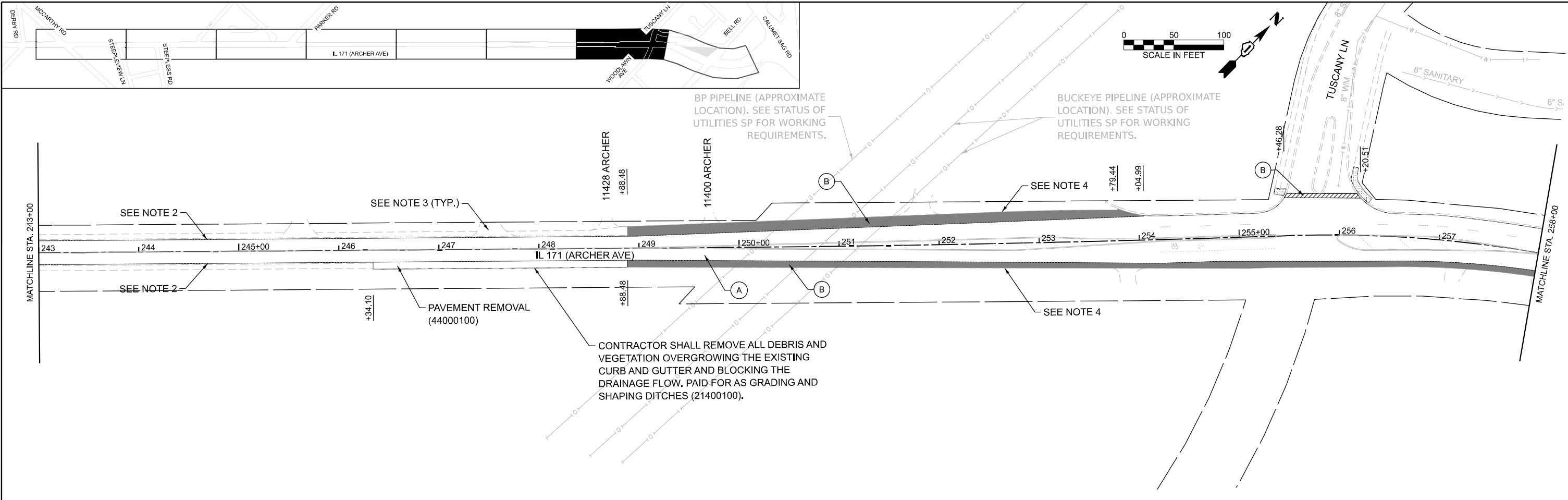


USER NAME = DavidS	DESIGNED - MH	REVISED -
	DRAWN - ZS	REVISED -
	CHECKED - MH	REVISED -
PLOT DATE = 1/22/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS	
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83	
SCALE: 1"=50'	SHEET 3 OF 4 SHEETS
STA. 213+00.00	TO STA. 243+00.00

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 18
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 80B30				



LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4" (44000164)
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- (C) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)
- (D) COMBINATION CURB AND GUTTER REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F) MEDIAN REMOVAL PARTIAL DEPTH, 1.75" (44003510)
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)

NOTES:

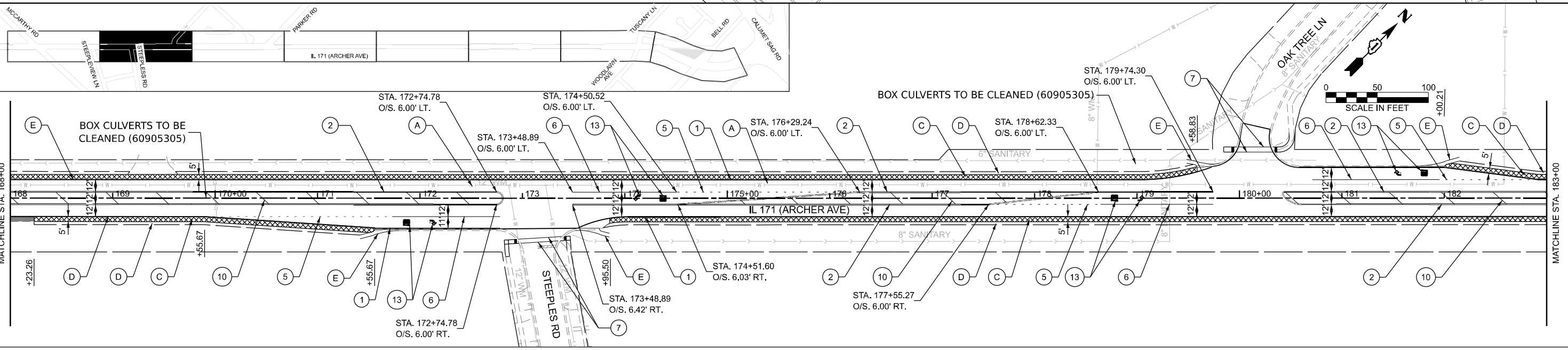
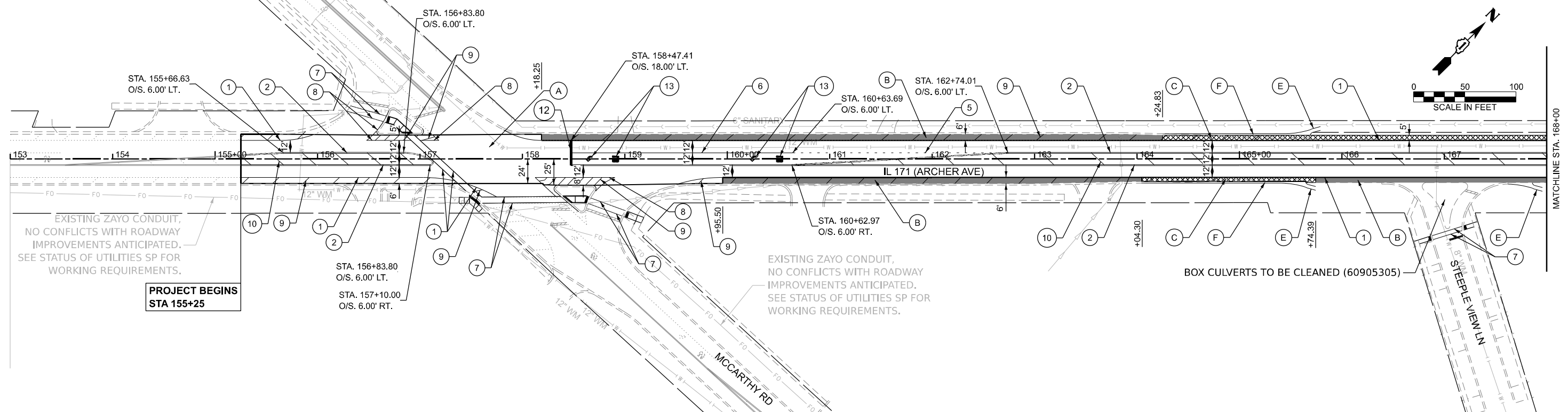
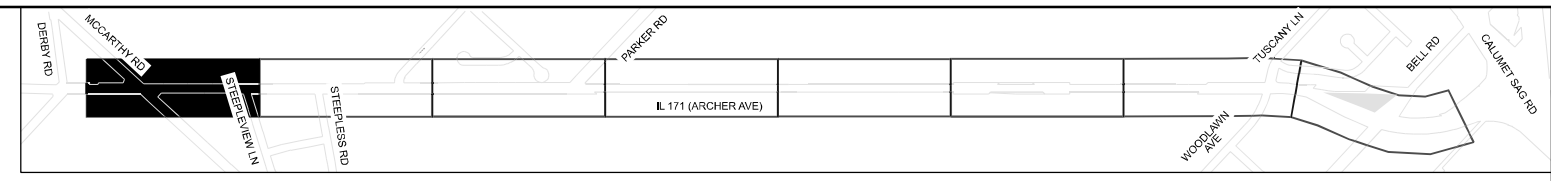
1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROEJCT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. WHERE FULL DEPTH SHOULDER PAVEMENT IS PROPOSED AND THE EXISTING PAVEMENT EXTENDS BEYOND THE EDGE OF THE LANE, THE CONTRACTOR SHALL SAW CUT ALONG THE EXISTING LANE LINE AND REMOVE THE PAVEMENT BEYOND THE SAW CUT. AN ESTIMATED QUANTITY FOR SAW CUTS (44213200) AND PAVEMENT REMOVAL (44000100) HAVE BEEN INCLUDED IN THE CONTRACT.
3. AT DRIVEWAYS WHERE FULL DEPTH SHOULDER IS PROPOSED, REMOVAL OF EXISTING AGGREGATE DRIVEWAY IS PAID FOR AS EARTH EXCAVATION (20200100) AND REMOVAL OF EXISTING HMA OR PCC DRIVEWAY IS PAID FOR AS DRIVEWAY PAVEMENT REMOVAL (44000200).
4. CONTRACTOR SHALL REMOVE DEBRIS AND VEGETATION THAT HAS BEEN DEPOSITED ALONG THE EDGE OF PAVEMENT AND SHALL REGRADE THE ADJACENT GROUND TO DRAIN AWAY FROM THE PAVEMENT TO PREVENT DEBRIS FROM ACCUMULATING AGAIN IN THE FUTURE. PAID FOR AS GRADING AND SHAPING SHOULDERS (X2020110).

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	PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83		577	2025-2011-RS	COOK	57	19
		CONTRACT NO. 80B30				
SCALE: 1"=50'	SHEET 4 OF 4 SHEETS	STA. 243+00.00	TO STA. 273+00.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



LEGEND

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (C) HOT-MIX ASPHALT SHOULDERS, 8" (48203029)
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (D) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (E) CLASS SI CONCRETE (OUTLET) (60600095)
- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (G) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2" (40605026)
- (1) LINE 4", SOLID, WHITE, EDGE LINE
- (2) LINE 4", DOUBLE SOLID, YELLOW, 2 @ 11" C-C
- (3) LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE
- (4) LINE 4", SOLID, YELLOW
- (5) LINE 6", DOTTED, WHITE, 2' LINE - 6' SPACE
- (6) LINE 6", SOLID, WHITE, TURN LANE MARKING
- (7) LINE 6", SOLID, WHITE, CROSSWALK
- (8) LINE 8", SOLID, WHITE, EDGE LINE
- (9) LINE 12", SOLID, WHITE, DIAGONAL @ 45 DEG.
- (10) LINE 12", SOLID, YELLOW, DIAGONAL @ 45 DEG. @ 40' C-C
- (11) LINE 12", SOLID, WHITE, CROSSWALK
- (12) LINE 24", SOLID, WHITE, STOP LINE
- (13) LETTERS & SYMBOLS, SOLID WHITE

NOTES:

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

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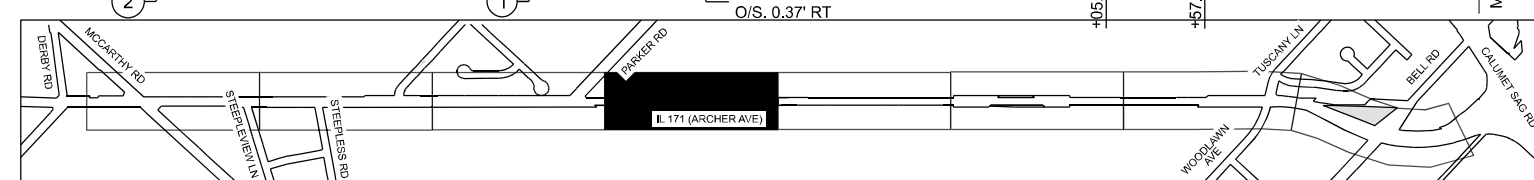
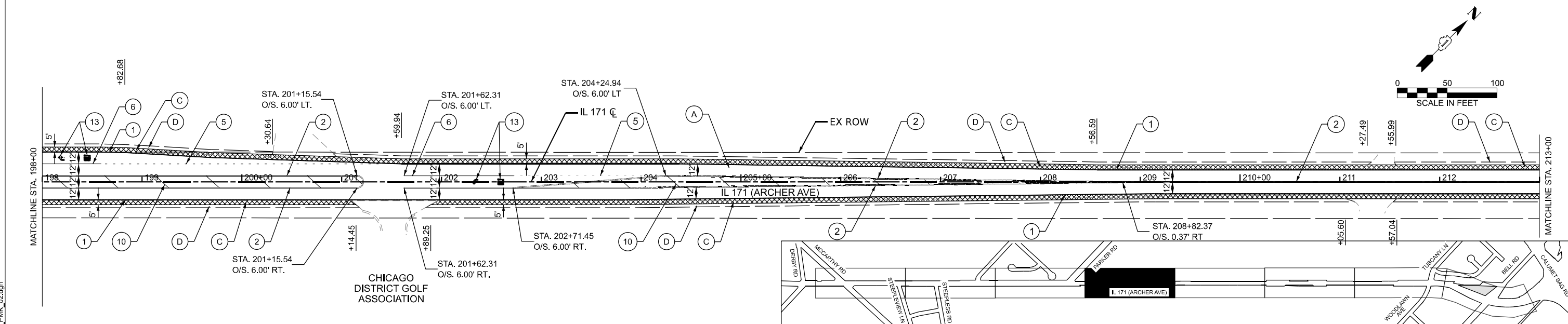
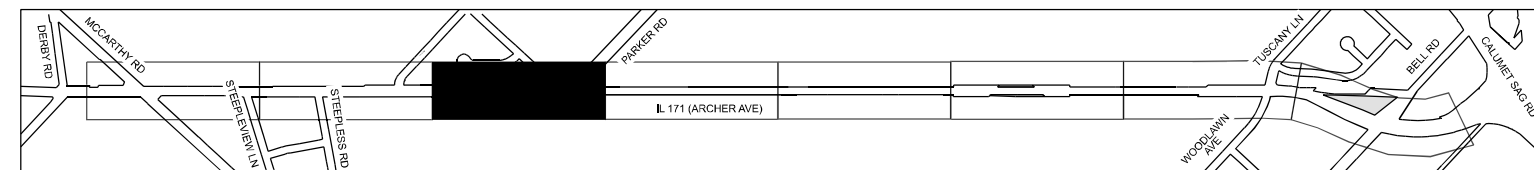
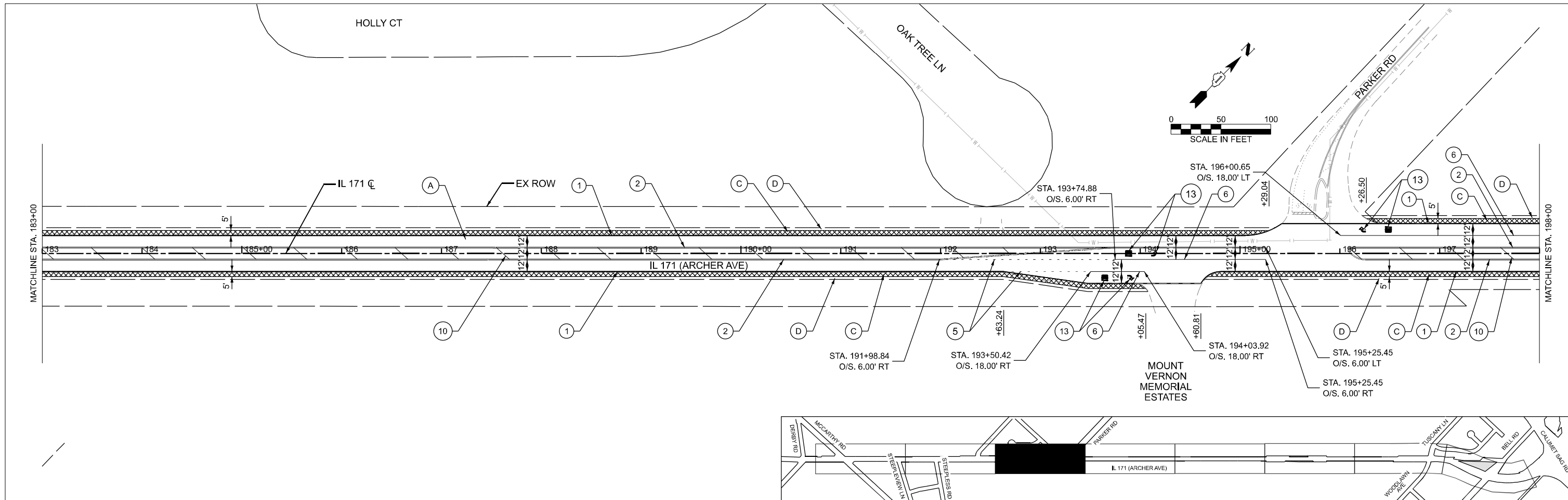
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 153+00.00 TO STA. 183+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	20
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (C) HOT-MIX ASPHALT SHOULDERS, 8" (48203029)
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (D) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (E) CLASS SI CONCRETE (OUTLET) (60600095)
- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (G) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2" (40605026)
- (1) LINE 4", SOLID, WHITE, EDGE LINE
- (2) LINE 4", DOUBLE SOLID, YELLOW, 2 @ 11" C-C
- (3) LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE
- (4) LINE 4", SOLID, YELLOW
- (5) LINE 6", DOTTED, WHITE, 2' LINE - 6' SPACE
- (6) LINE 6", SOLID, WHITE, TURN LANE MARKING
- (7) LINE 6", SOLID, WHITE, CROSSWALK
- (8) LINE 8", SOLID, WHITE, EDGE LINE
- (9) LINE 12", SOLID, WHITE, DIAGONAL @ 45 DEG.
- (10) LINE 12", SOLID, YELLOW, DIAGONAL @ 45 DEG. @ 40' C-C
- (11) LINE 12", SOLID, WHITE, CROSSWALK
- (12) LINE 24", SOLID, WHITE, STOP LINE
- (13) LETTERS & SYMBOLS, SOLID WHITE

NOTES:

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

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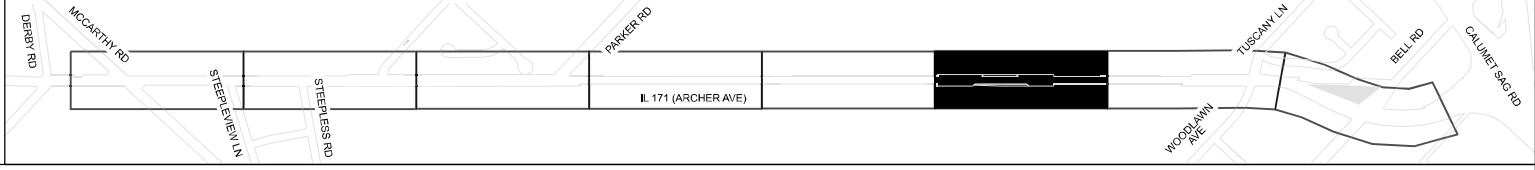
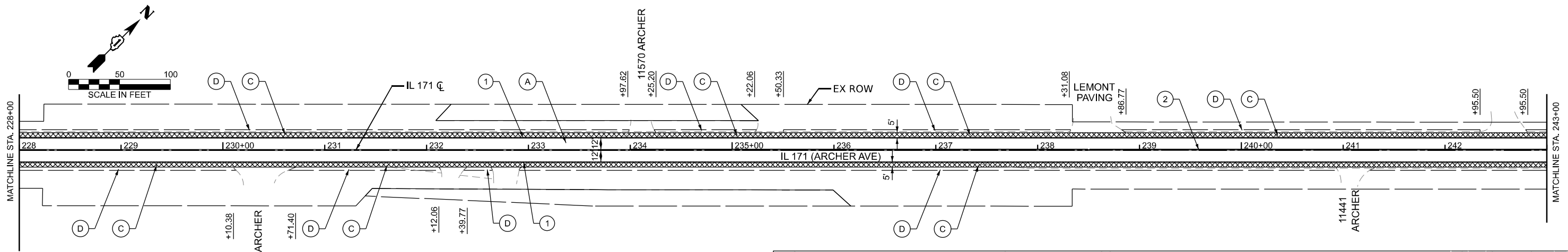
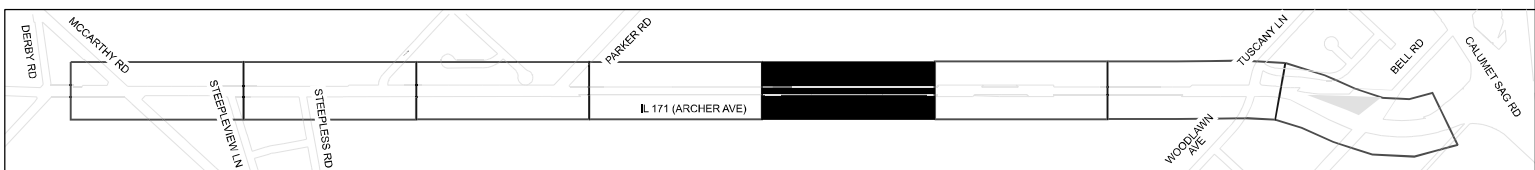
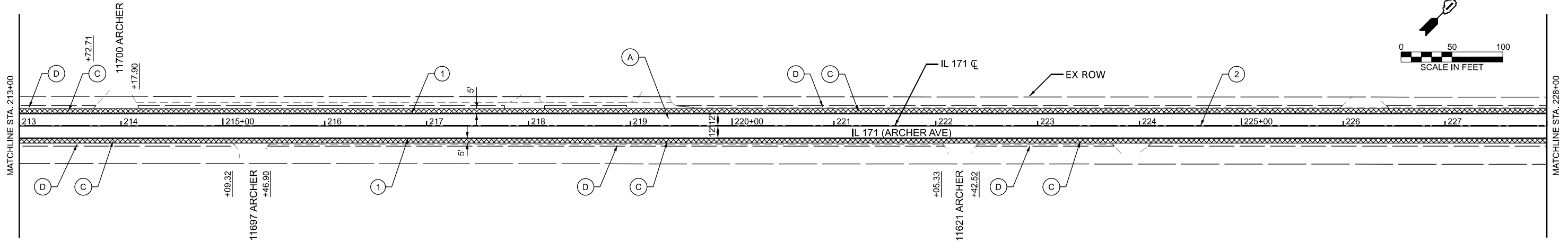
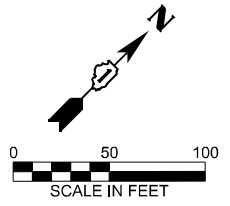
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 183+00.00 TO STA. 213+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	21
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (C) HOT-MIX ASPHALT SHOULDERS, 8" (48203029)
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (D) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (E) CLASS SI CONCRETE (OUTLET) (60600095)
- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (G) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2" (40605026)
- (1) LINE 4", SOLID, WHITE, EDGE LINE
- (2) LINE 4", DOUBLE SOLID, YELLOW, 2 @ 11" C-C
- (3) LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE
- (4) LINE 4", SOLID, YELLOW
- (5) LINE 6", DOTTED, WHITE, 2' LINE - 6' SPACE
- (6) LINE 6", SOLID, WHITE, TURN LANE MARKING
- (7) LINE 6", SOLID, WHITE, CROSSWALK
- (8) LINE 8", SOLID, WHITE, EDGE LINE
- (9) LINE 12", SOLID, WHITE, DIAGONAL @ 45 DEG.
- (10) LINE 12", SOLID, YELLOW, DIAGONAL @ 45 DEG. @ 40' C-C
- (11) LINE 12", SOLID, WHITE, CROSSWALK
- (12) LINE 24", SOLID, WHITE, STOP LINE
- (13) LETTERS & SYMBOLS, SOLID WHITE

NOTES:

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

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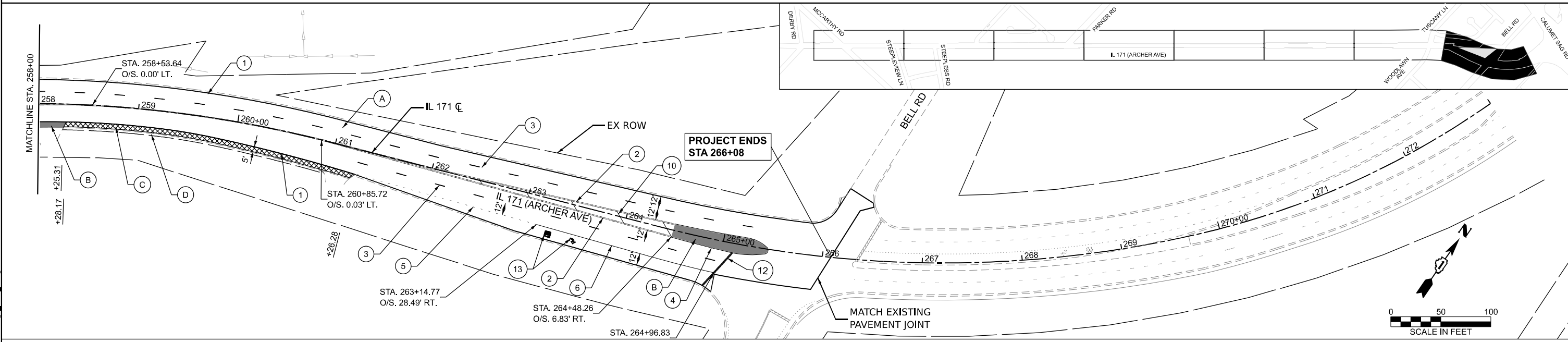
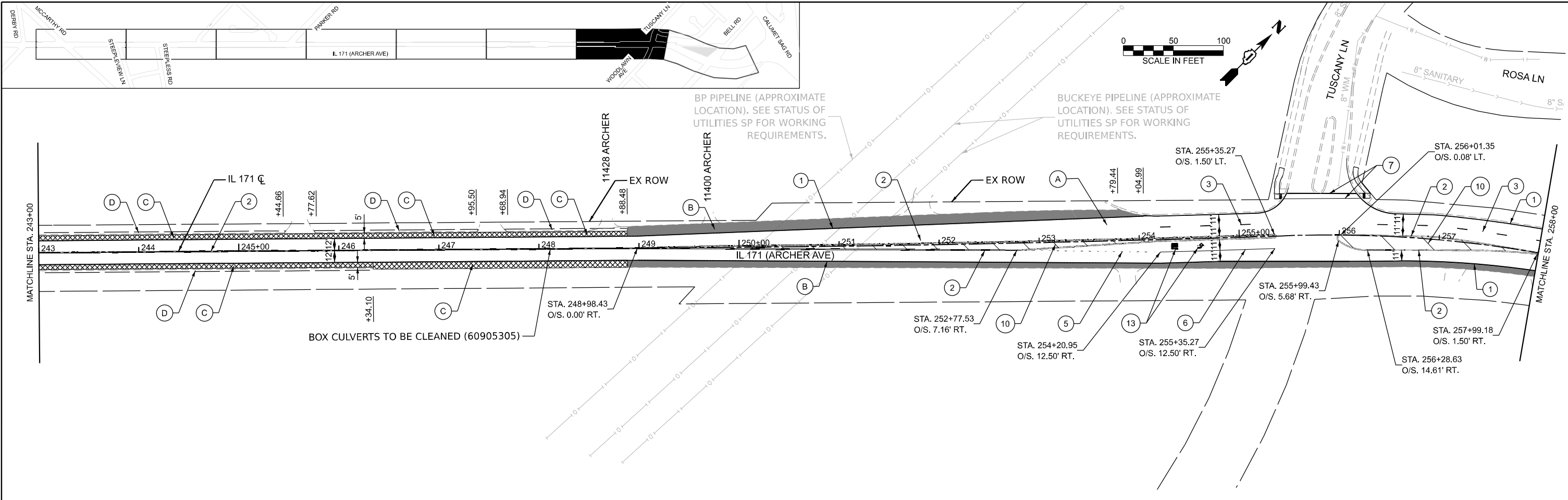
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 213+00.00 TO STA. 243+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	22
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (40602985)
- (B) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1 3/4" (40604172)
- (C) HOT-MIX ASPHALT SHOULDERS, 8" (48203029)
AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (D) AGGREGATE WEDGE SHOULDER, TYPE B (48102100)
- (E) CLASS SI CONCRETE (OUTLET) (60600095)

- (F) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (G) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2" (40605026)
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- (2) LINE 4", DOUBLE SOLID, YELLOW, 2 @ 11" C-C
- (3) LINE 4", SKIP DASH, WHITE, 10' LINE - 30' SPACE
- (4) LINE 4", SOLID, YELLOW
- (5) LINE 6", DOTTED, WHITE, 2' LINE - 6' SPACE

- (6) LINE 6", SOLID, WHITE, TURN LANE MARKING
- (7) LINE 6", SOLID, WHITE, CROSSWALK
- (8) LINE 8", SOLID, WHITE, EDGE LINE
- (9) LINE 12", SOLID, WHITE, DIAGONAL @ 45 DEG.
- (10) LINE 12", SOLID, YELLOW, DIAGONAL @ 45 DEG. @ 40' C-C
- (11) LINE 12", SOLID, WHITE, CROSSWALK
- (12) LINE 24", SOLID, WHITE, STOP LINE
- (13) LETTERS & SYMBOLS, SOLID WHITE

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREETS THROUGHOUT THE PROJECT SHALL MATCH EXISTING PAVEMENT JOINTS, UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
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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-FLOW RESISTANT)" STANDARD DETAIL.

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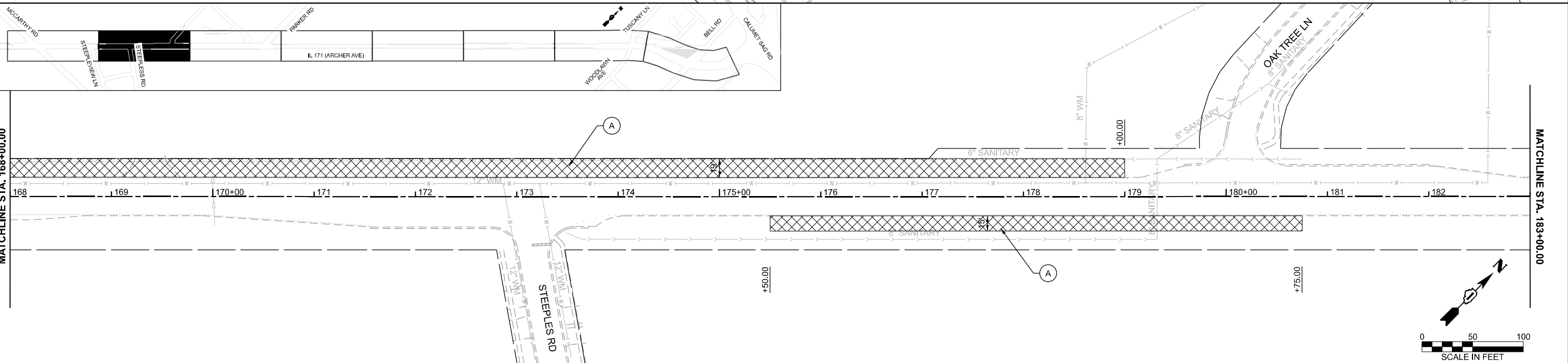
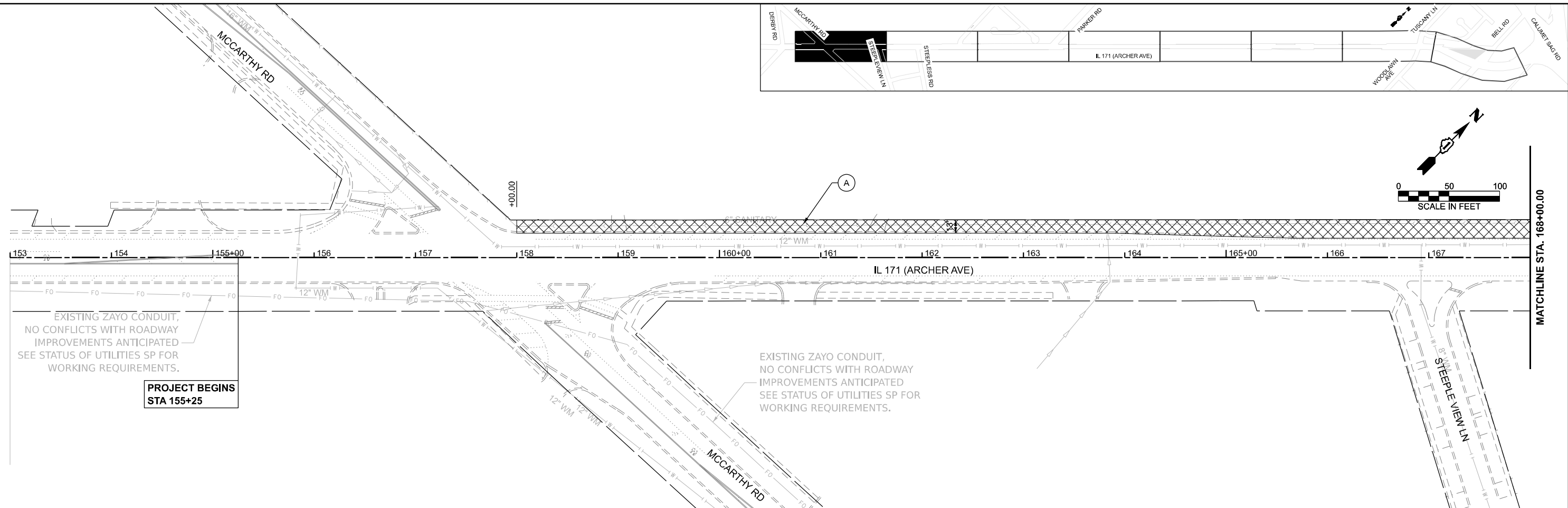
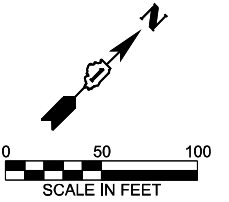
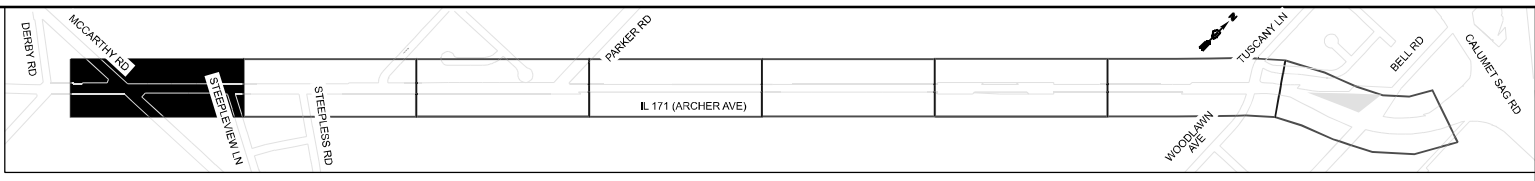
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 243+00.00 TO STA. 273+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	23
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- (A) [Cross-hatched symbol] TREE REMOVAL, ACRES (SPECIAL) (X2010350)
 - (B) [Diagonal lines symbol] INTERSEEDING, CLASS 4A (25003312)
WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT (X0327120)
 - (C) [Horizontal lines symbol] SELECTIVE CLEARING (X2010516)
 - (D) [Dotted symbol] TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)

NOTES:
 1. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

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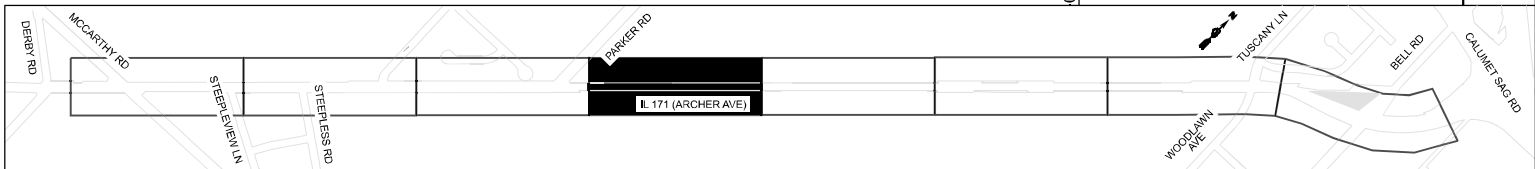
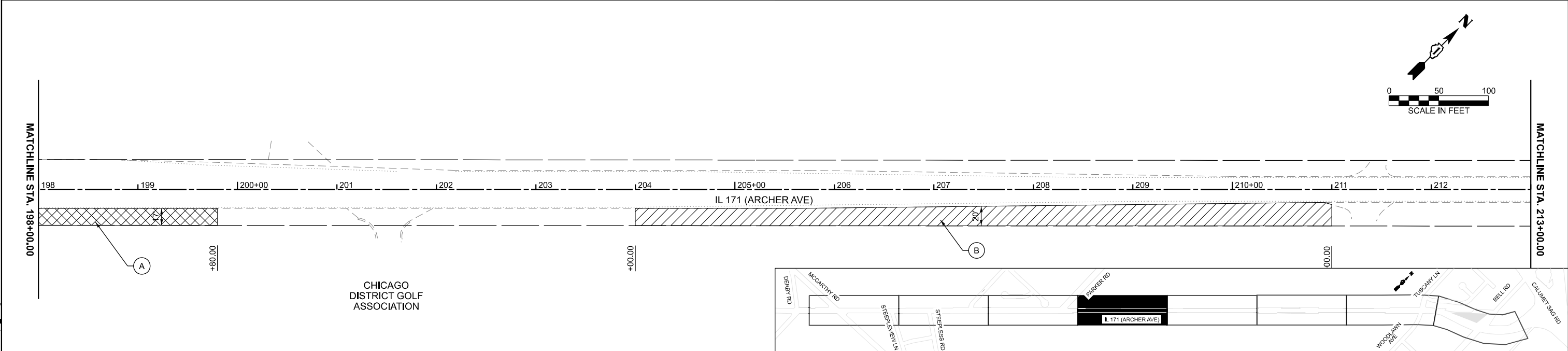
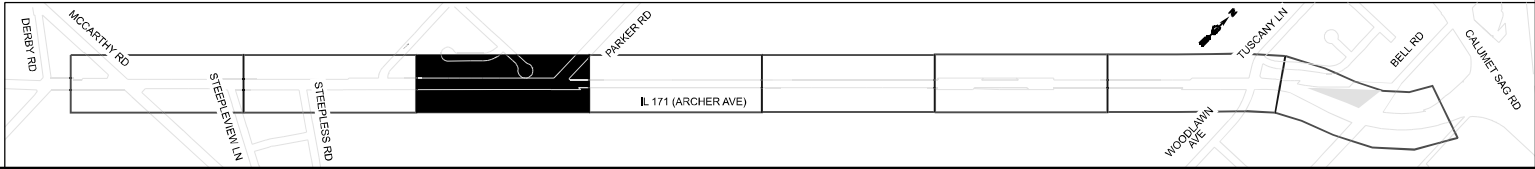
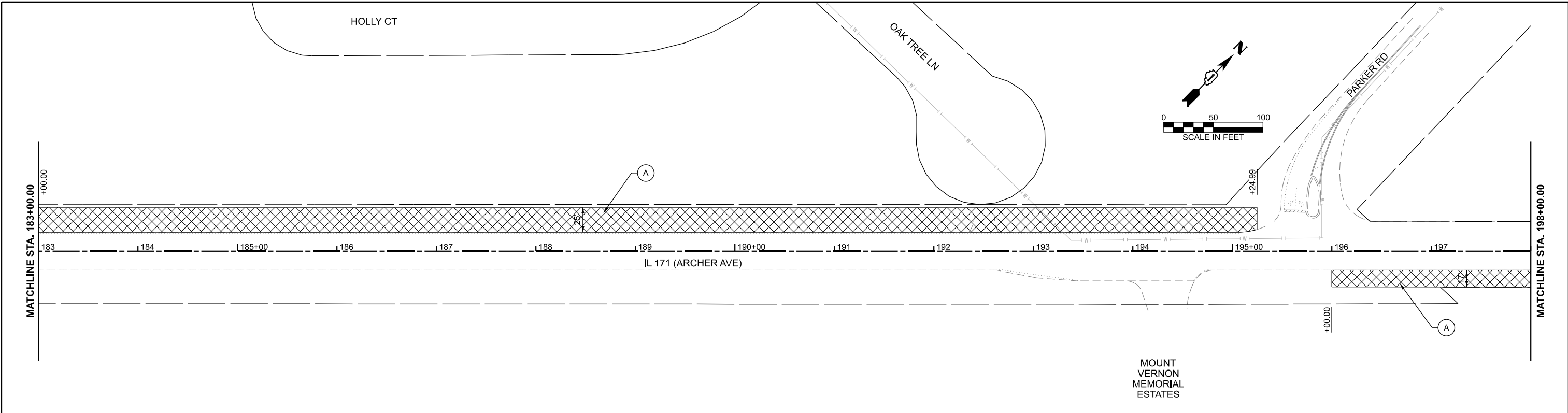
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 153+00.00 TO STA. 183+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	24
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) [Hatched Pattern] TREE REMOVAL, ACRES (SPECIAL) (X2010350)
- (A) [Cross-hatched Pattern] INTERSEEDING, CLASS 4A (25003312)
- (A) [Dotted Pattern] WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT (X0327120)
- (B) [Diagonal Hatched Pattern] SELECTIVE CLEARING (X2010516)
- (C) [Circle with 'C'] TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)

NOTES:

1. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

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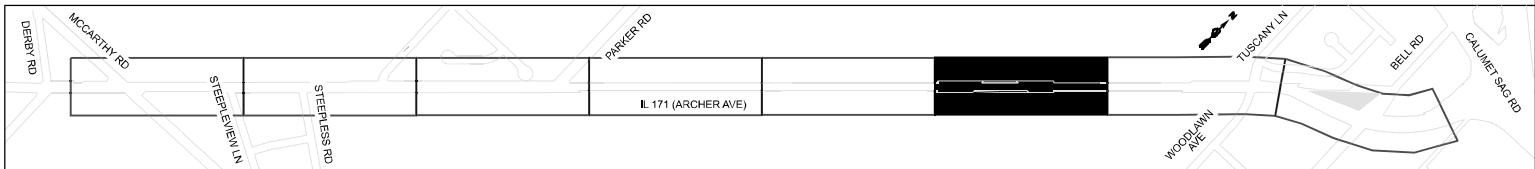
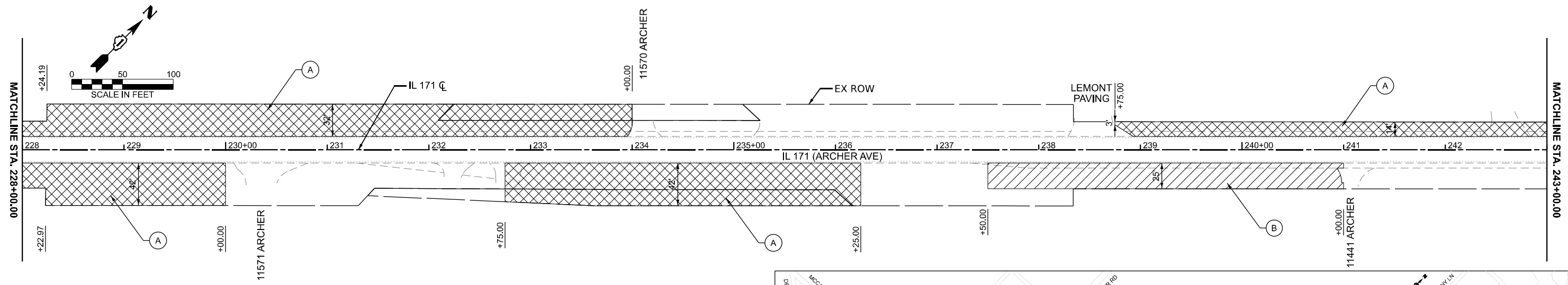
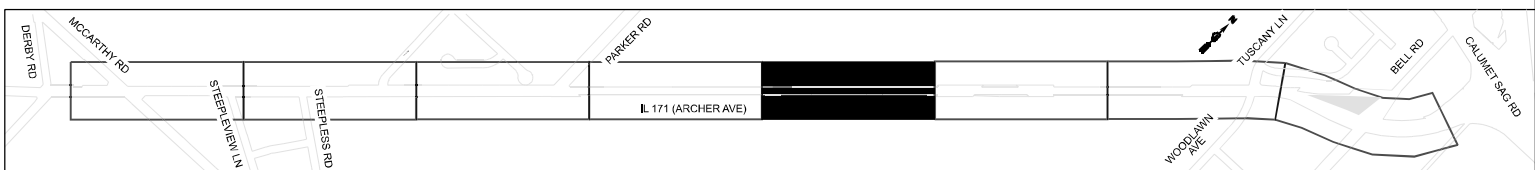
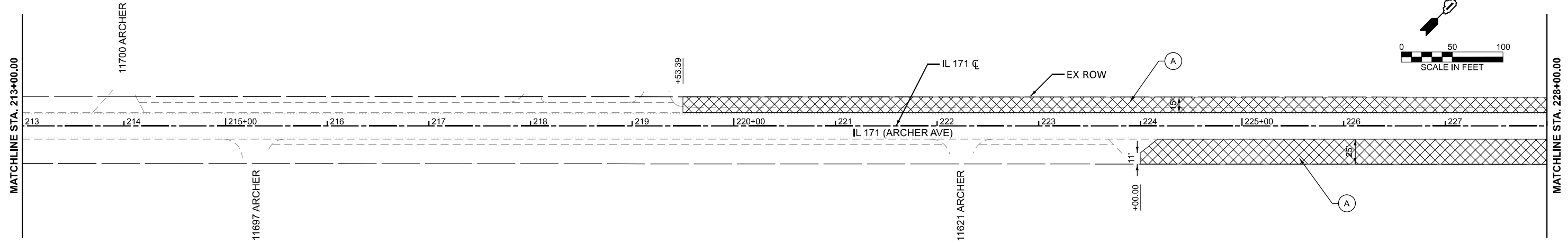
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 183+00.00 TO STA. 213+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	25
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) [Cross-hatch pattern] TREE REMOVAL, ACRES (SPECIAL) (X2010350)
- (A) [Diagonal hatch pattern] INTERSEEDING, CLASS 4A (25003312)
- (A) [Dotted pattern] WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT (X0327120)
- (B) [Diagonal hatch pattern] SELECTIVE CLEARING (X2010516)
- (C) [Dotted pattern] TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)

NOTES:

1. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

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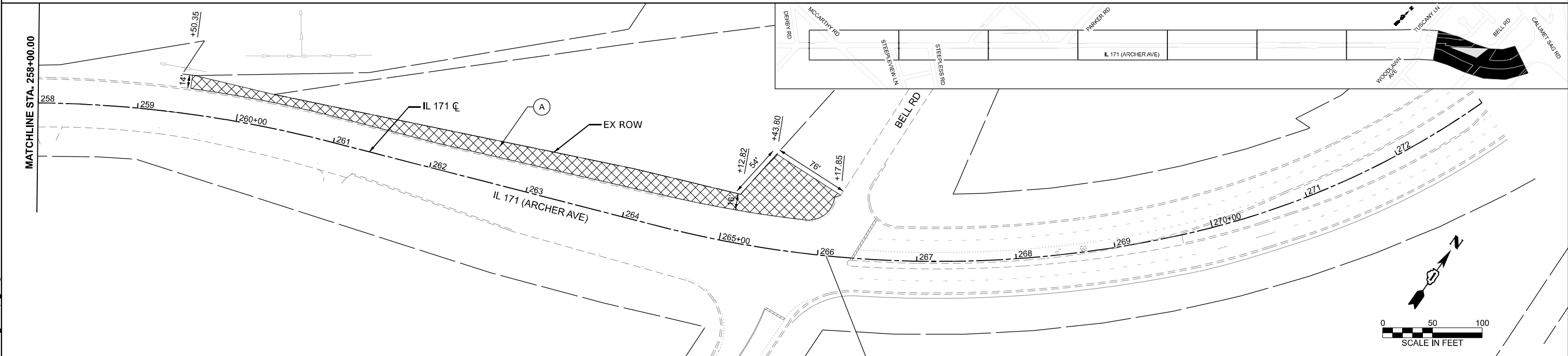
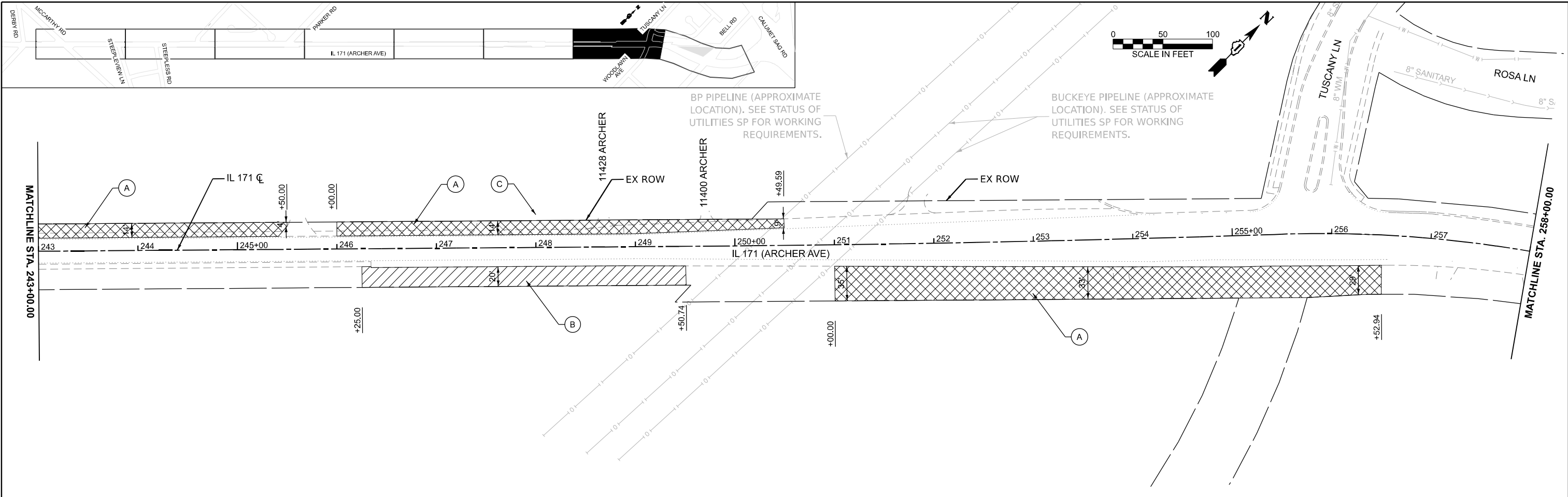
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PLOT DATE = 1/22/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 213+00.00 TO STA. 243+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	26
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

- (A) [Cross-hatched pattern] TREE REMOVAL, ACRES (SPECIAL) (X2010350)
- (A) [Dotted pattern] INTERSEEDING, CLASS 4A (25003312)
- [Horizontal line pattern] WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT (X0327120)
- (B) [Diagonal line pattern] SELECTIVE CLEARING (X2010516)
- (C) [Solid black] TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)

NOTES:

1. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

MODEL: sht_Landscape_04
FILE NAME: c:\users\matthewh\documents\idms53553D180B3D-sht_Landscape_04.dgn



USER NAME = MatthewH	DESIGNED - MH	REVISED -
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PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

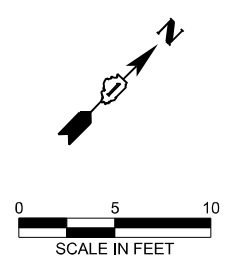
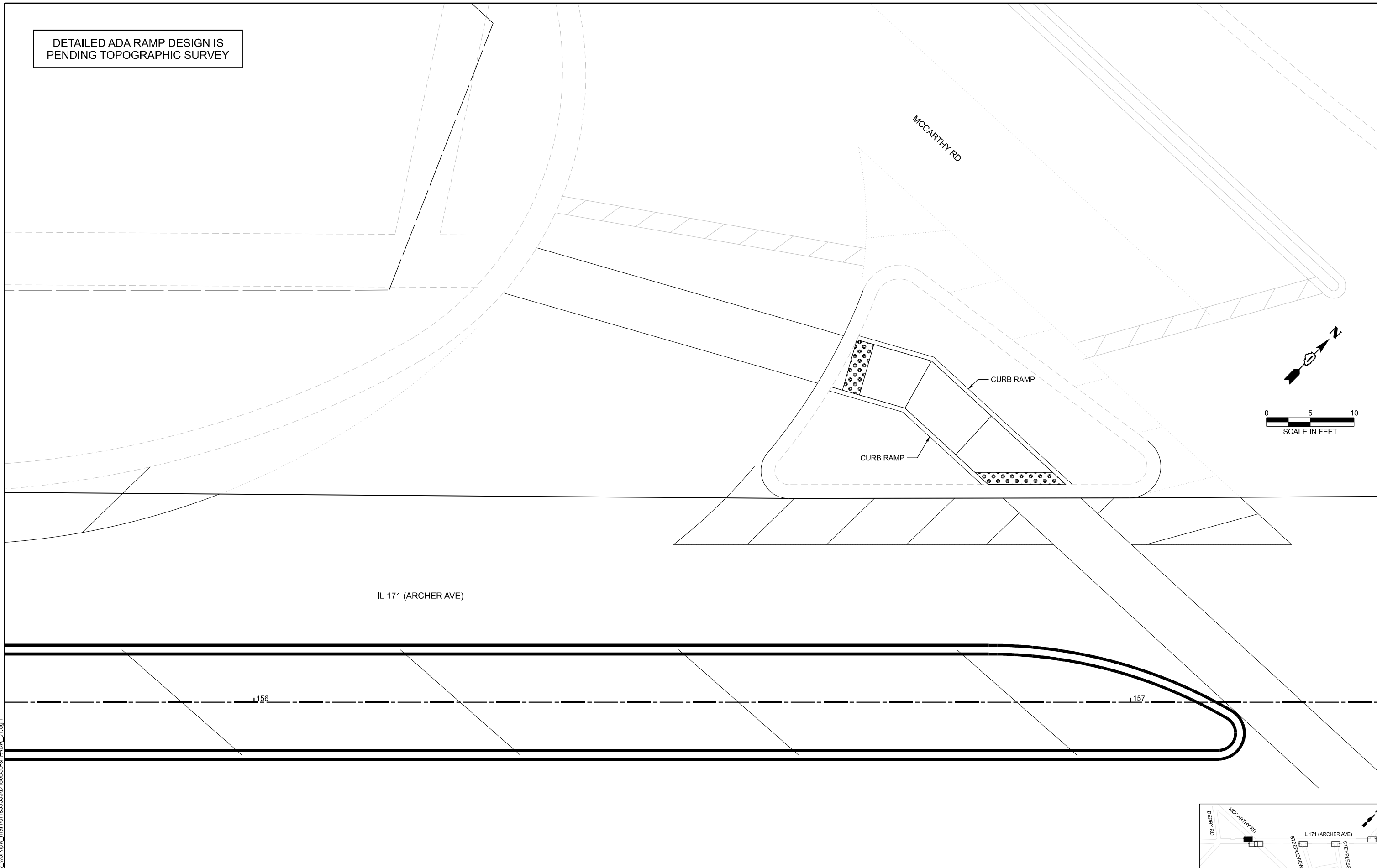
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 243+00.00 TO STA. 273+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	27
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

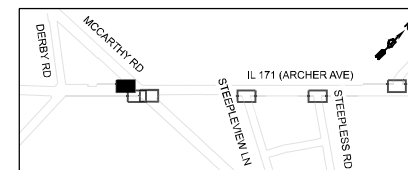
DETAILED ADA RAMP DESIGN IS
PENDING TOPOGRAPHIC SURVEY



IL 171 (ARCHER AVE)

156

157



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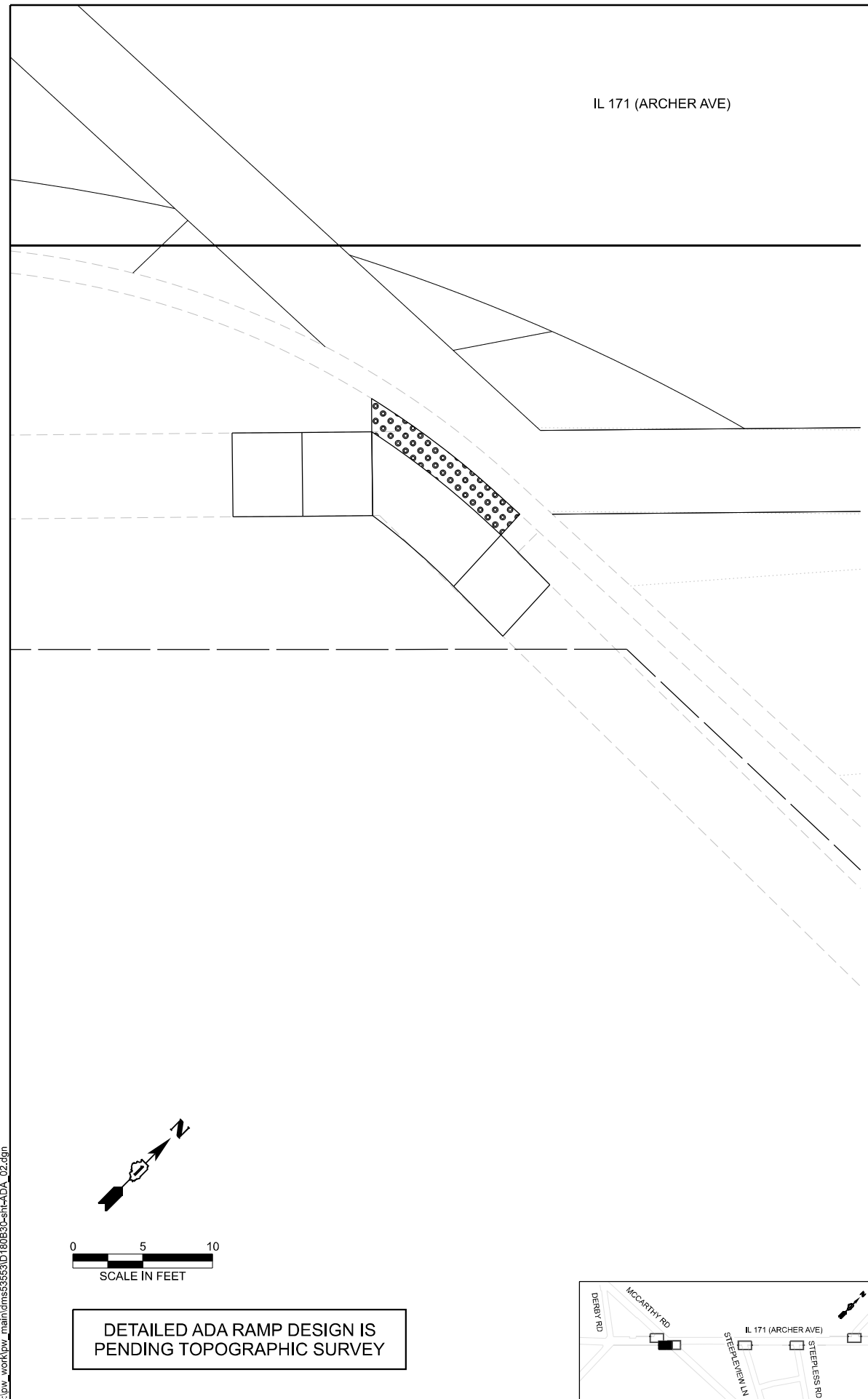
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

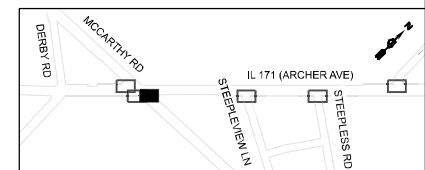
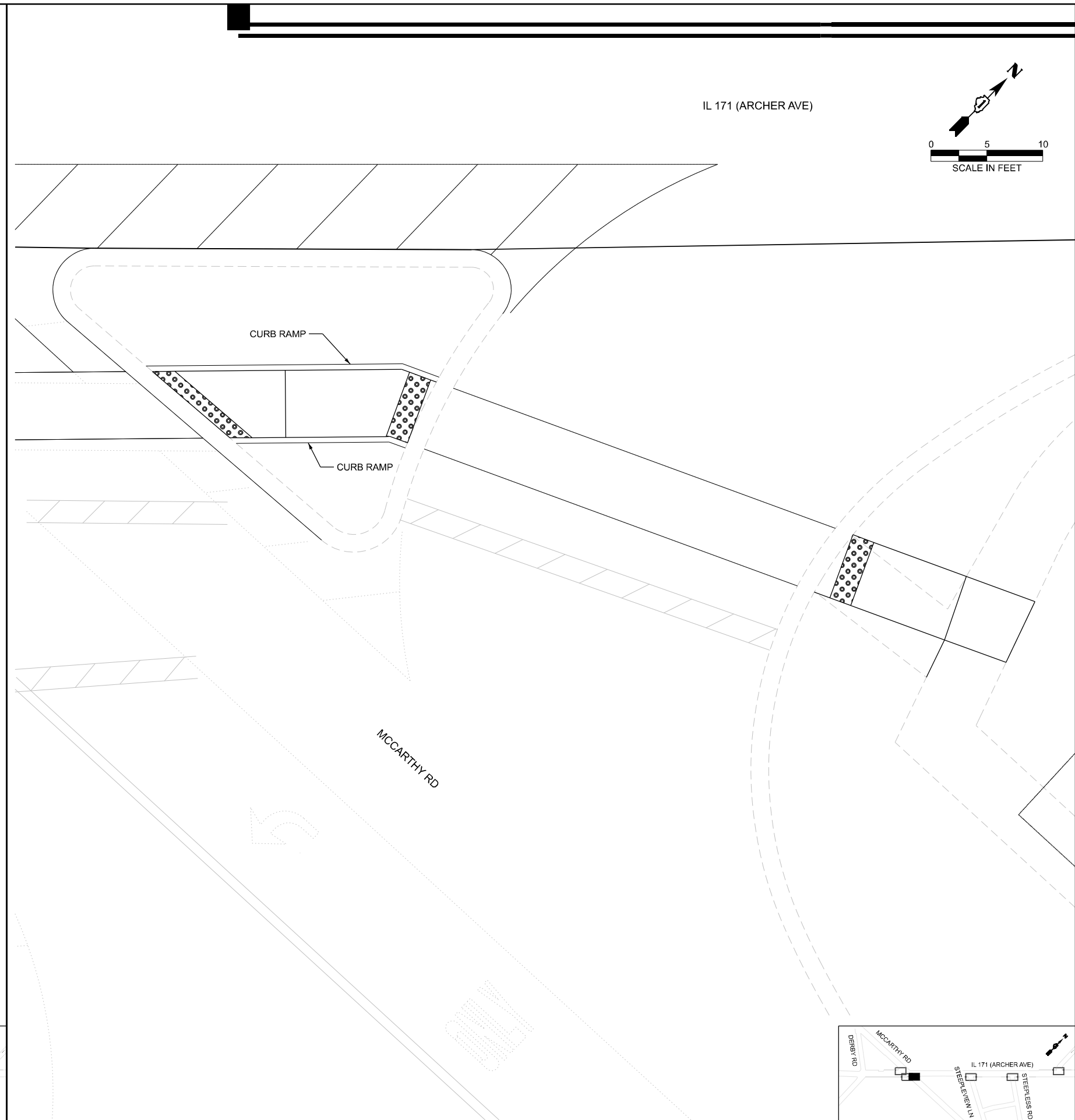
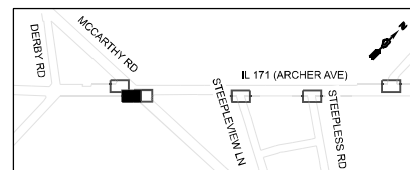
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	28
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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DETAILED ADA RAMP DESIGN IS
 PENDING TOPOGRAPHIC SURVEY



USER NAME = DavidS	DESIGNED - MH	REVISED -
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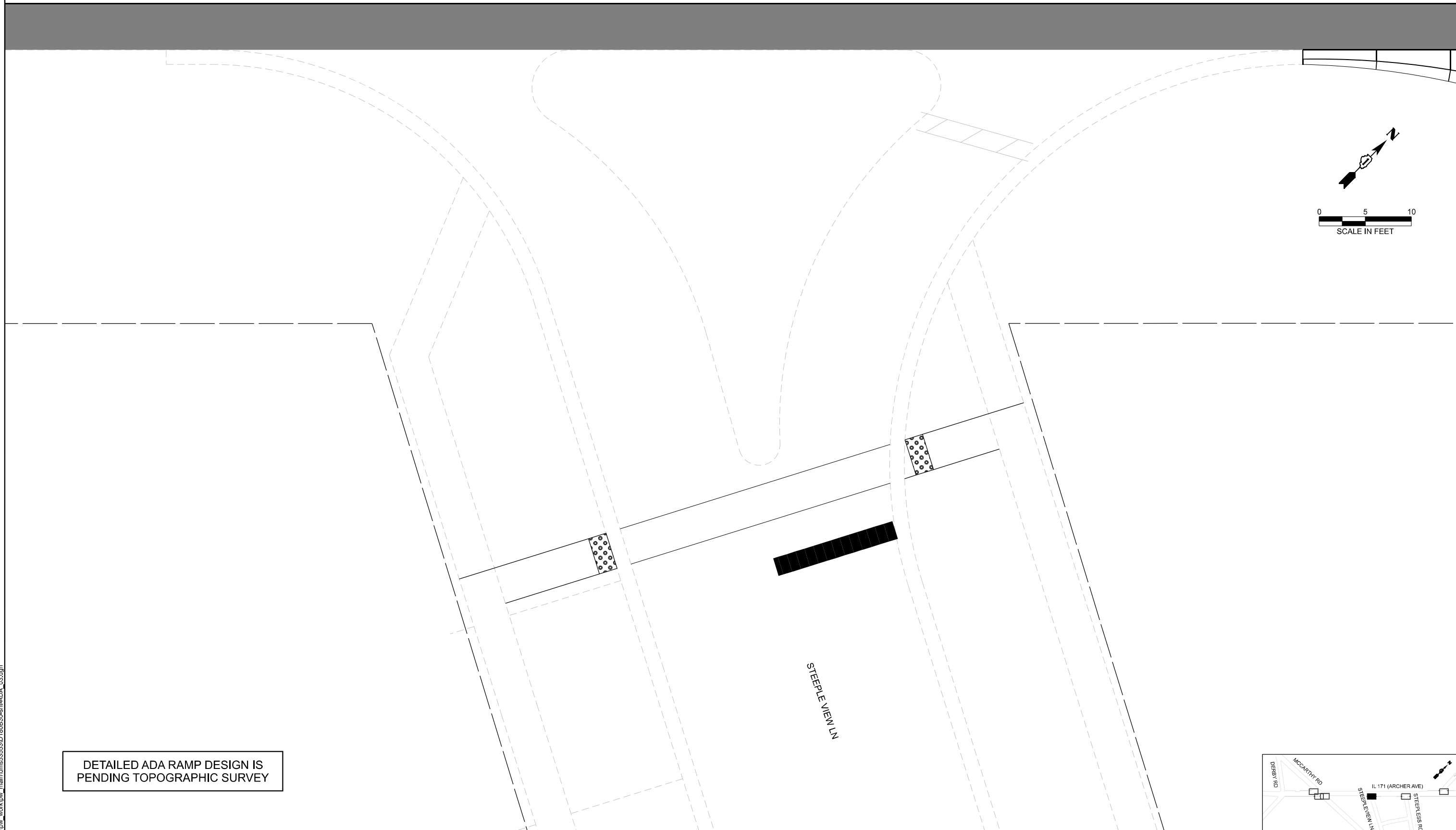
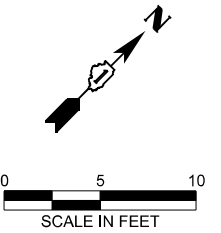
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

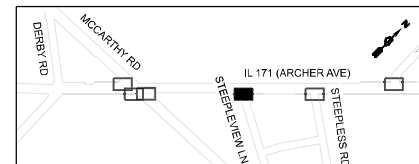
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	29
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

IL 171 (ARCHER AVE)



DETAILED ADA RAMP DESIGN IS
PENDING TOPOGRAPHIC SURVEY



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PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

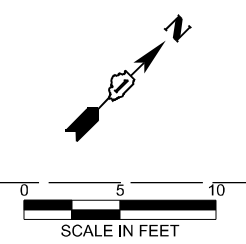
SIDEWALK RAMP DETAILS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

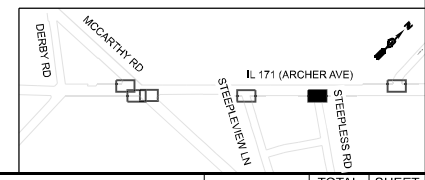
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577	2025-2011-RS	COOK	57	30
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IL 171 (ARCHER AVE)

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DETAILED ADA RAMP DESIGN IS
 PENDING TOPOGRAPHIC SURVEY



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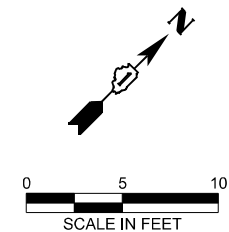
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

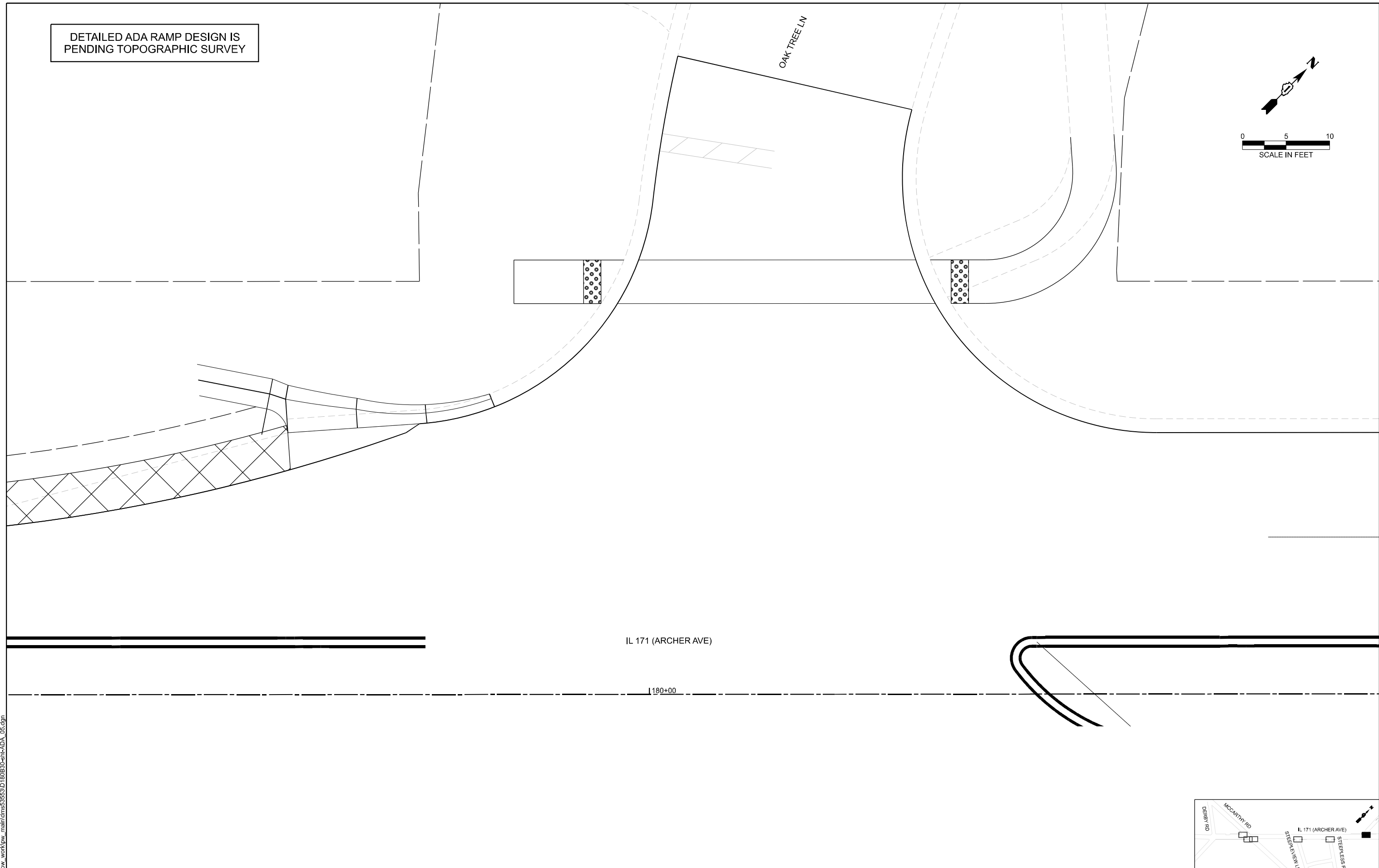
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DETAILED ADA RAMP DESIGN IS
PENDING TOPOGRAPHIC SURVEY



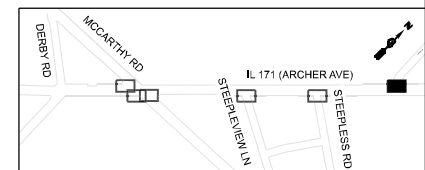
OAK TREE LN



IL 171 (ARCHER AVE)

180+00

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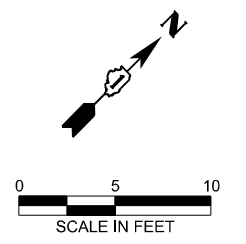
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	32
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DETAILED ADA RAMP DESIGN IS
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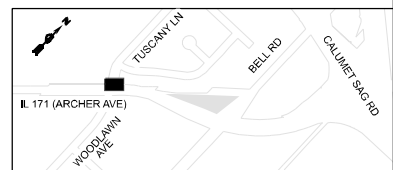


TUSCANY LN

TUSCANY LN

IL 171 (ARCHER AVE)

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PLOT DATE = 1/23/2026	DATE - 01/23/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL 171 / ARCHER AVE - MCCARTHY RD TO IL 83**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	33
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	 	
UNINTERRUPTIBLE POWER SUPPLY			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
MASTER CONTROLLER			JUNCTION BOX			ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"	 	
MASTER MASTER CONTROLLER			RAILROAD CROSSING GATE			ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD CROSSBUCK			ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CONTROLLER BUNGALOW			SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	 	
CELLULAR MODEM			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C		
TELEPHONE CONNECTION			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ELECTRIC CABLE, TRACER, NO. 14, 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			SYSTEM ITEM	S	SP	ELECTRIC CABLE, RAILROAD, NO. 14, 3/C		
ALUMINUM MAST ARM ASSEMBLY AND POLE			INTERSECTION ITEM	I	IP	ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			REMOVAL ITEM		R	VENDOR CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			RELOCATE ITEM		RL	EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C		
WOOD POLE			ABANDON ITEM		A	OUTDOOR RATED NETWORK CABLE		
GUY WIRE			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	 	
SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	 	
SIGNAL HEAD WITH BACKPLATE			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF			
SIGNAL HEAD - PROGRAMMABLE			DETECTOR LOOP, TYPE I					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	PERFORMED DETECTOR LOOP					
PEDESTRIAN SIGNAL HEAD			WIRELESS DETECTOR SENSOR					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 						
RADAR DETECTION SENSOR								
VIDEO DETECTION CAMERA								
RADAR/VIDEO DETECTION ZONE								
PAN, TILT, ZOOM (PTZ) CAMERA								
EMERGENCY VEHICLE LIGHT DETECTOR								
CONFIRMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								
WIRELESS ACCESS POINT								

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	DRAWN - IP	REVISED -
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PLOT DATE = 12/15/2025	DATE - 10/15/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

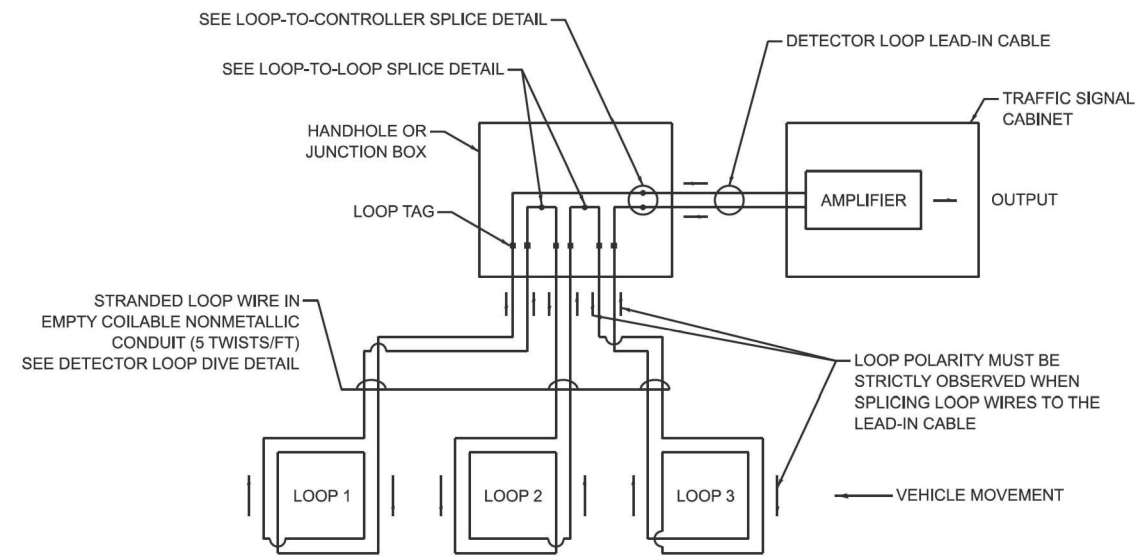
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

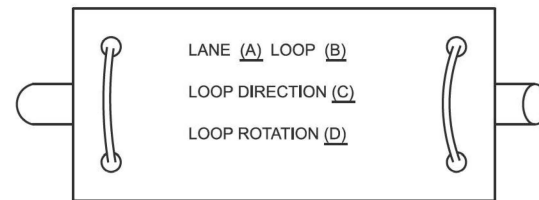
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	34
TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. 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.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES 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" APART.
9. 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.
10. PREFORMED DETECTOR LOOPS SHALL BE USED 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.

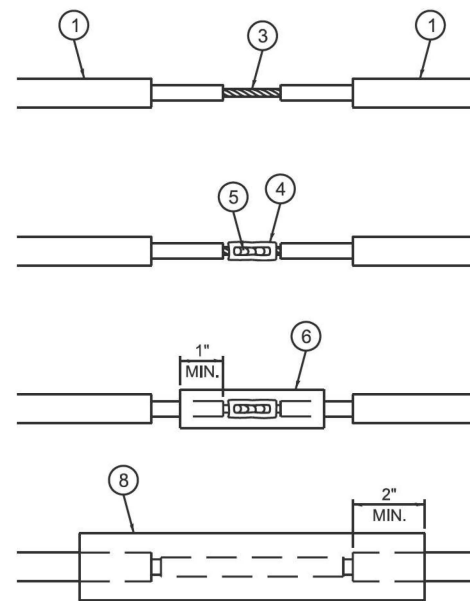


DETECTOR LOOP WIRING SCHEMATIC



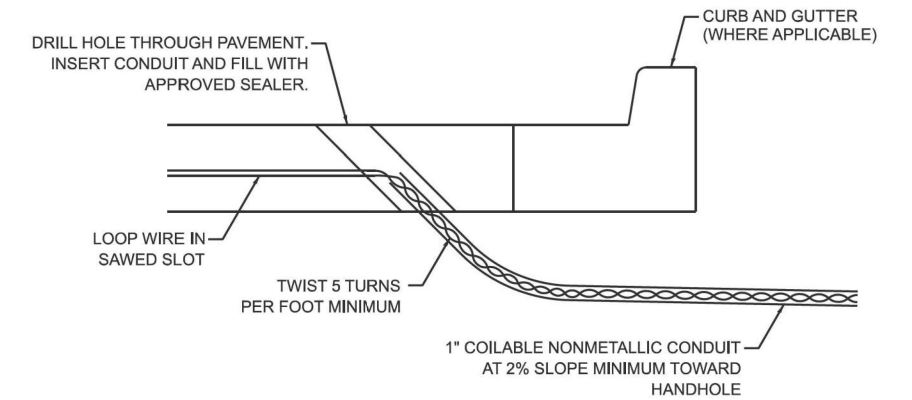
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

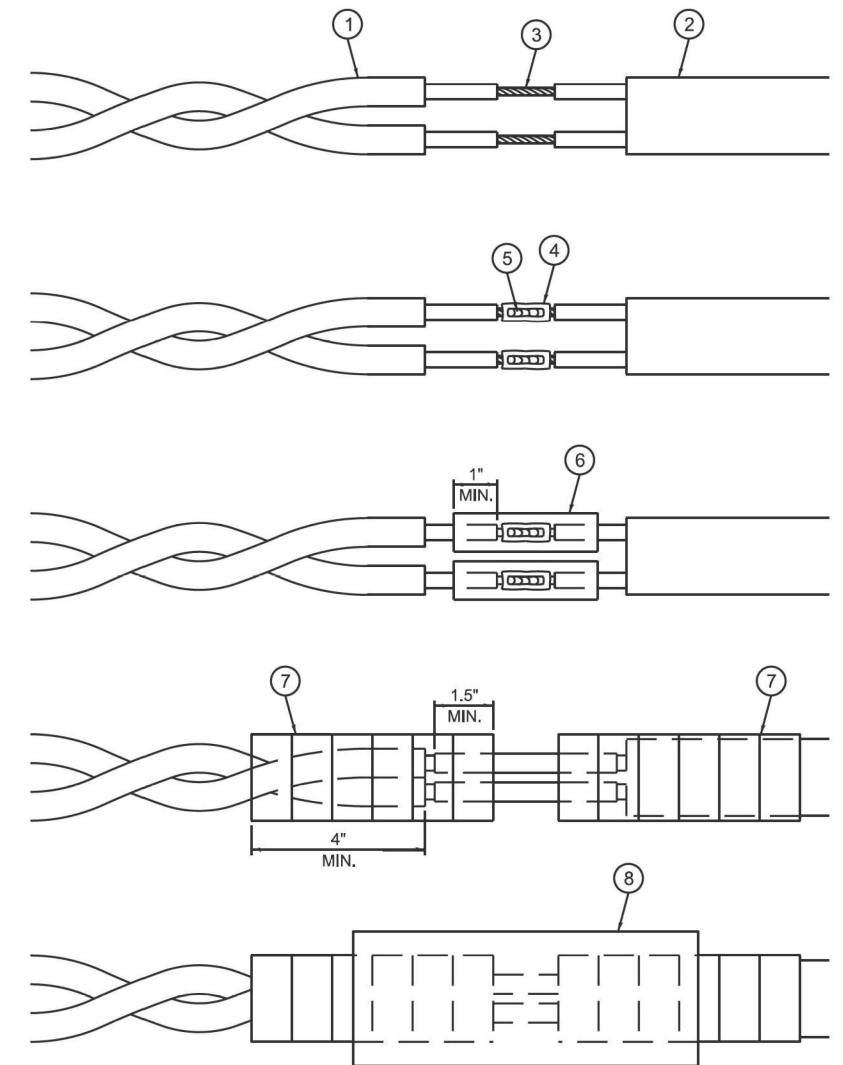


LOOP-TO-LOOP SPLICE DETAIL

- 1 DETECTOR LOOP CABLE.
- 2 DETECTOR LOOP LEAD-IN CABLE
- 3 BARE CONDUCTORS TWISTED TOGETHER.
- 4 BUTT SPLICE CRIMP CONNECTOR.
- 5 SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
- 6 WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
- 7 SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
- 8 WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

MODEL: Default
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SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

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	DRAWN - IP	REVISED -
PLOT SCALE = \$\$\$CALES	CHECKED - NB/KK	REVISED -
PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

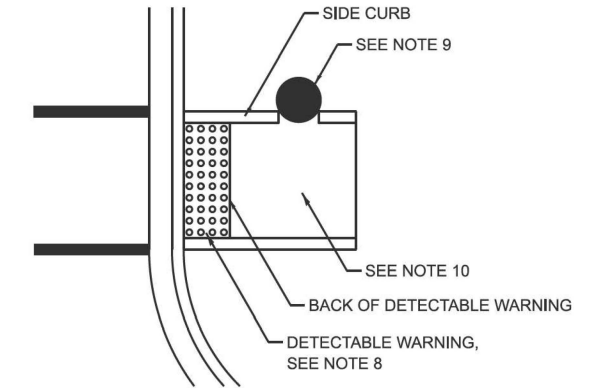
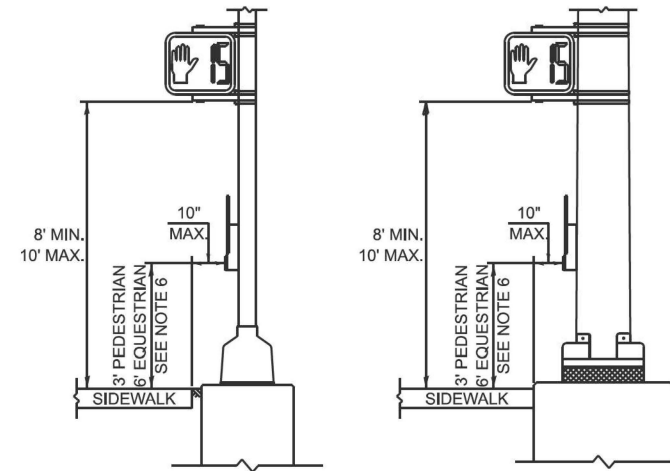
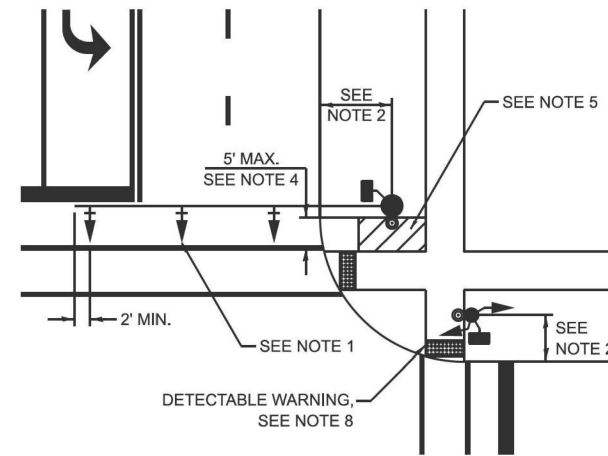
SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 35
TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

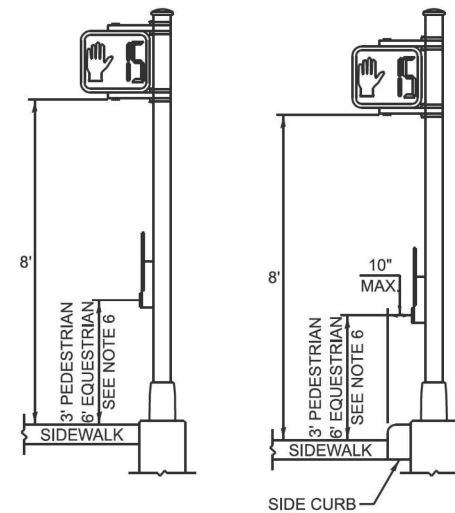
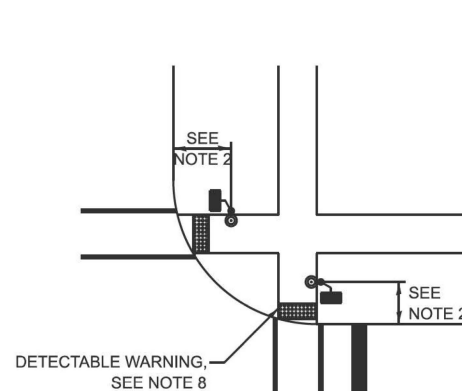
NOTES:

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHALL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

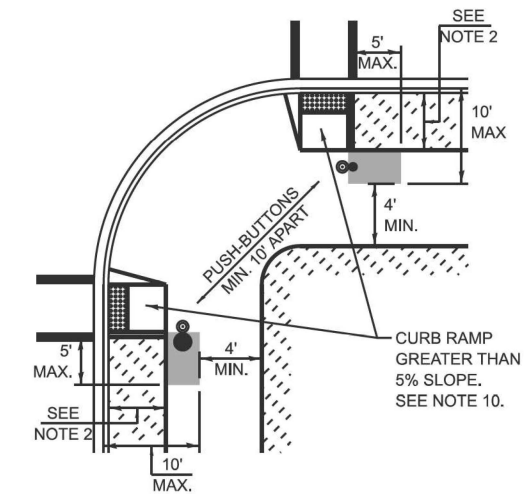
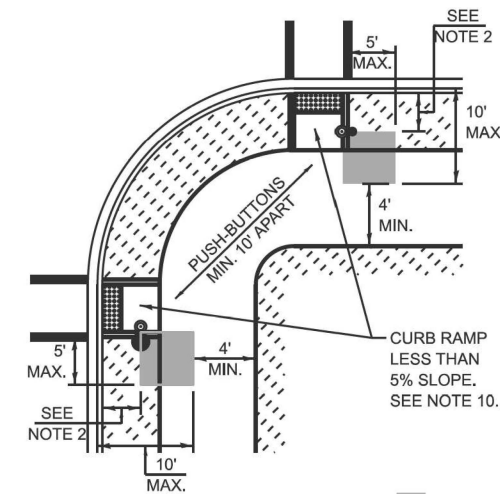
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



■ PREFERRED PUSH-BUTTON LOCATION

TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE 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" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

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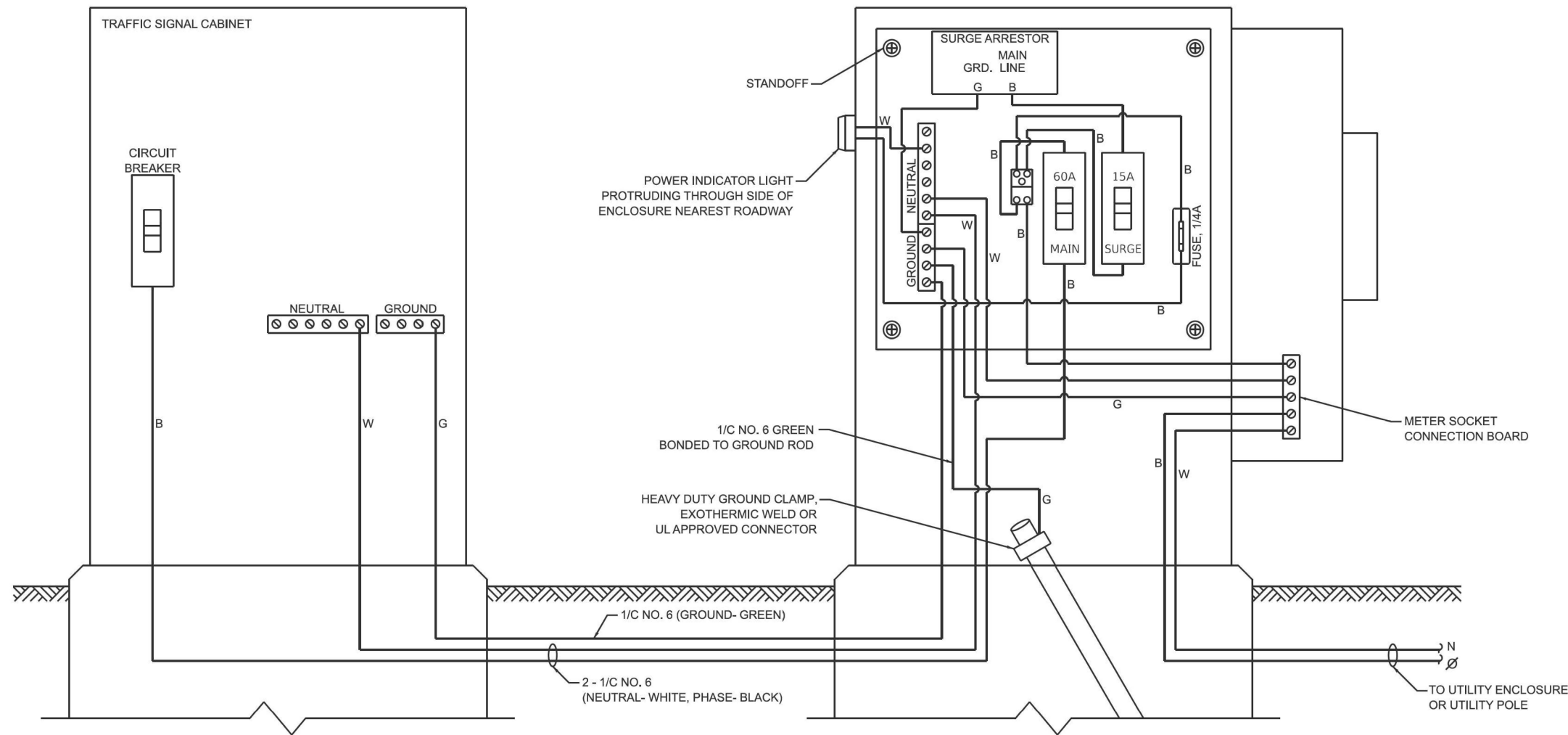
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

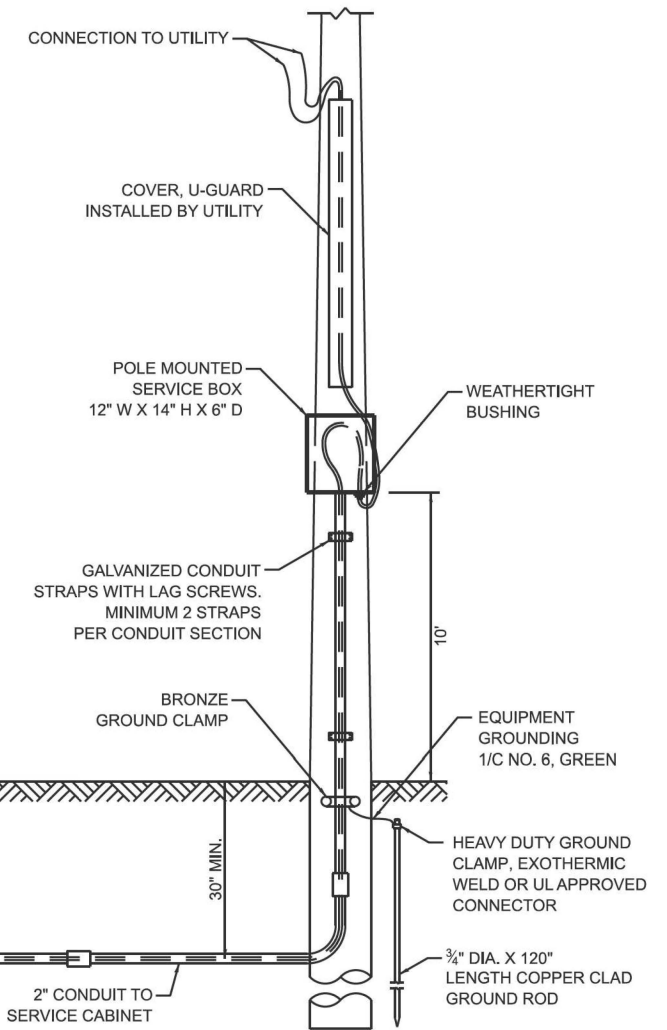
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



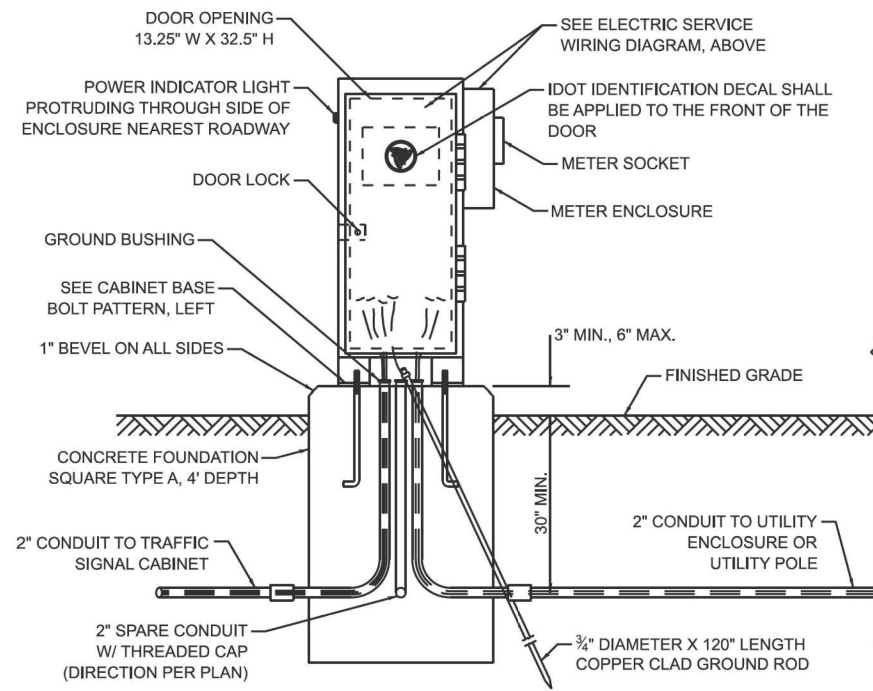
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

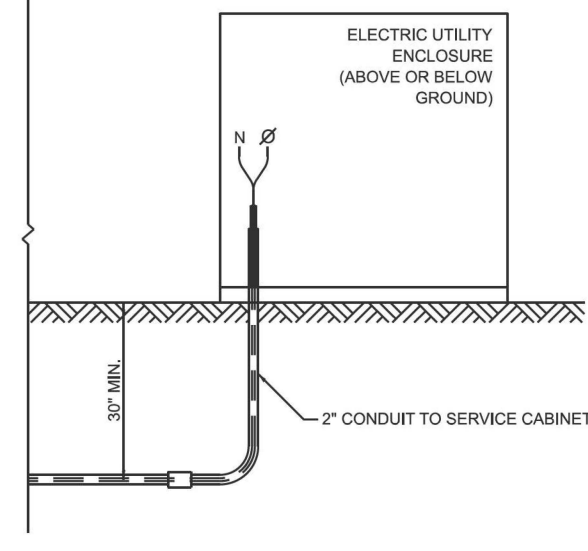
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



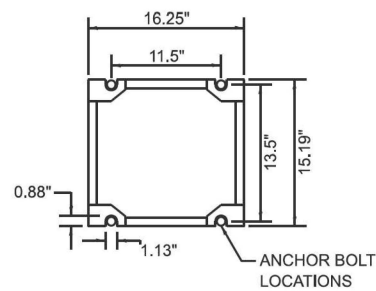
CONNECTION TO UTILITY POLE



SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE



CABINET BASE BOLT PATTERN

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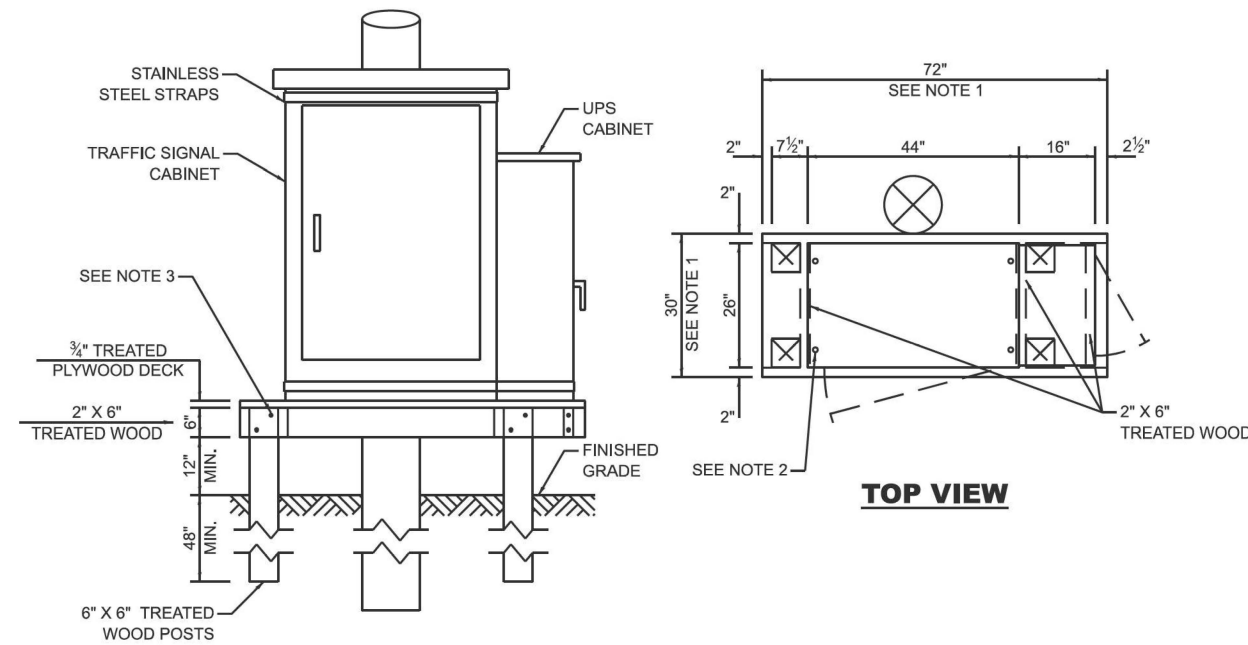
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 37
TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

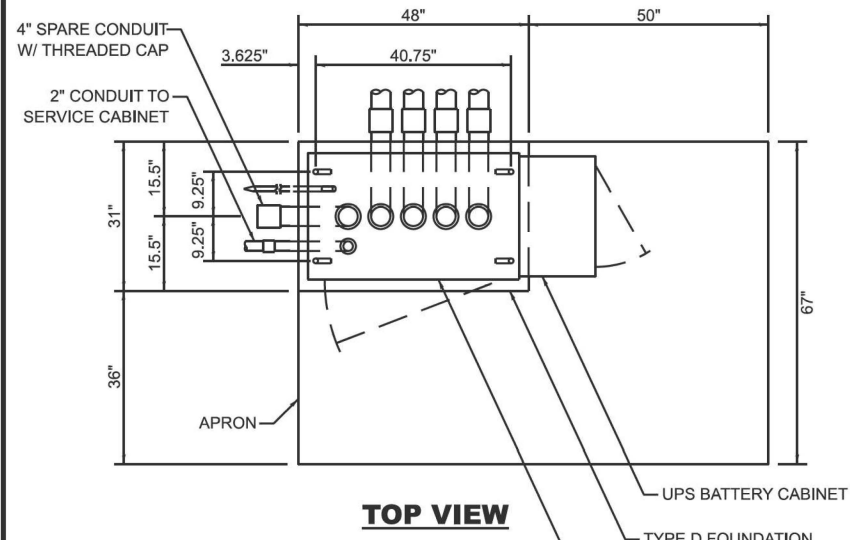
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

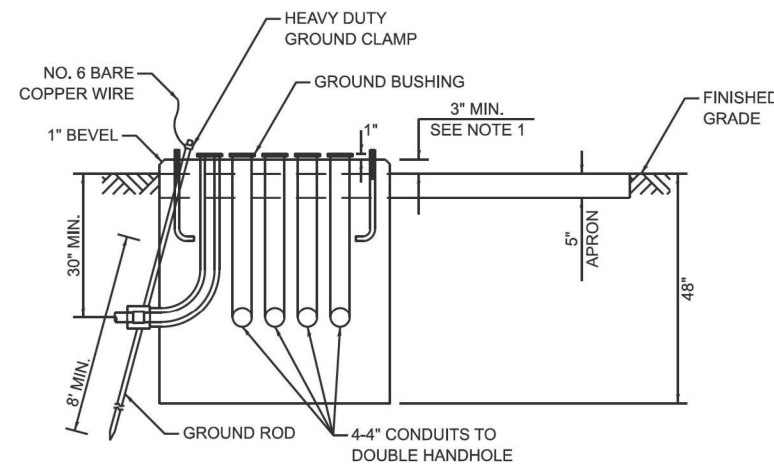
TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

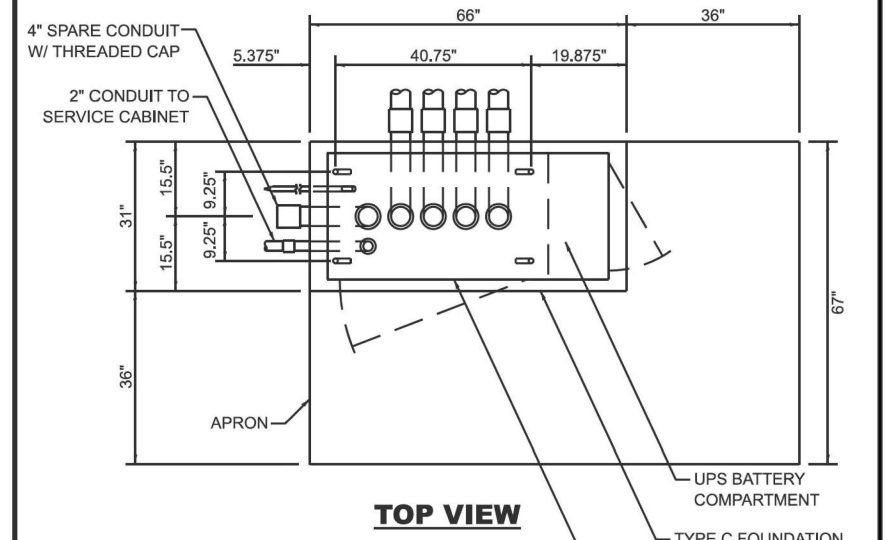


NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

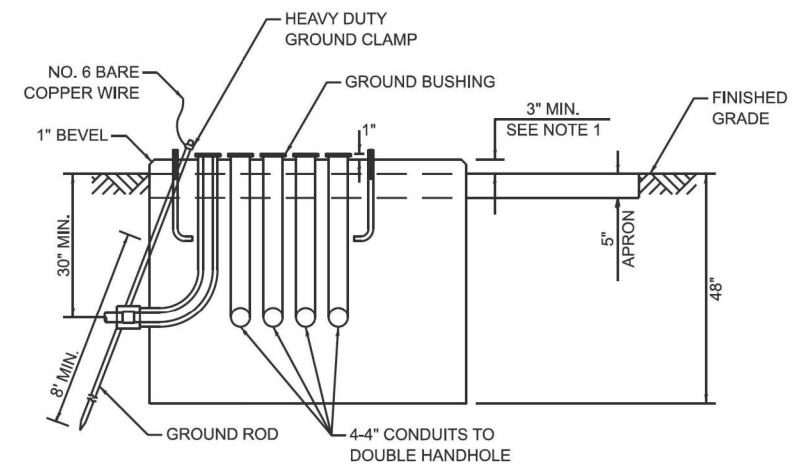


TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

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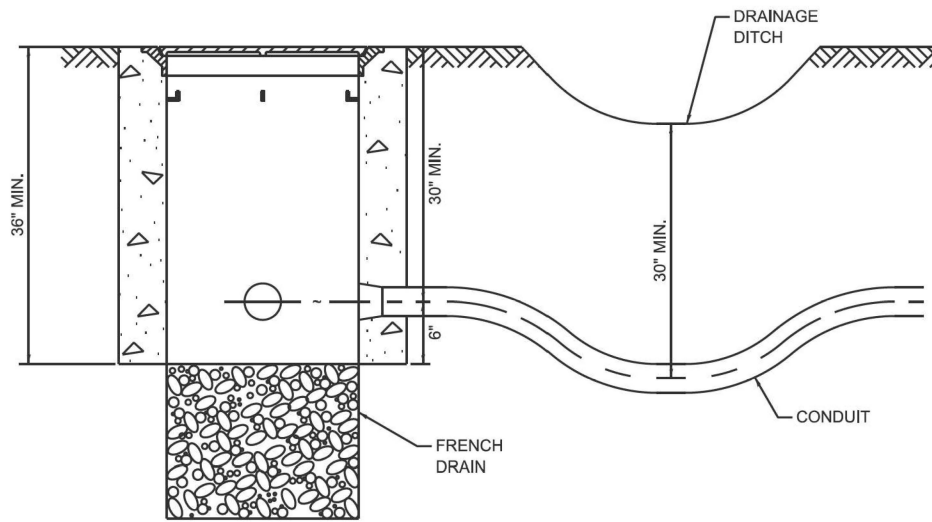
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	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

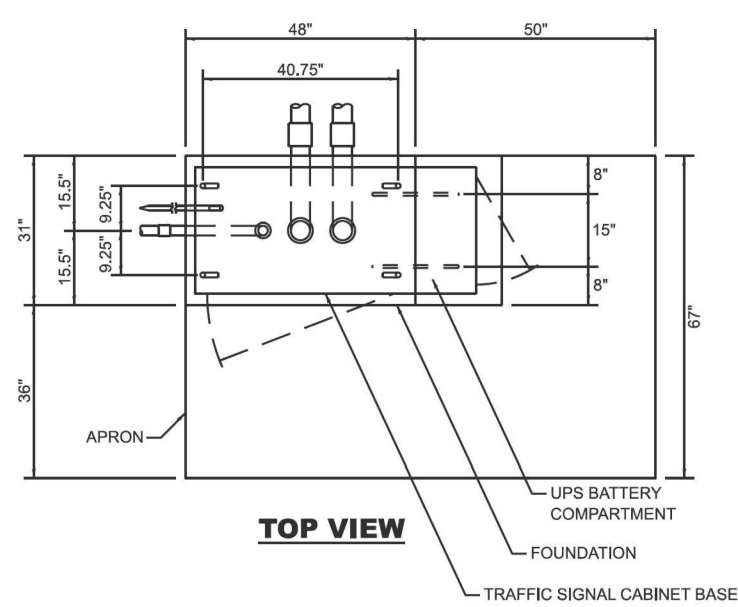
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TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



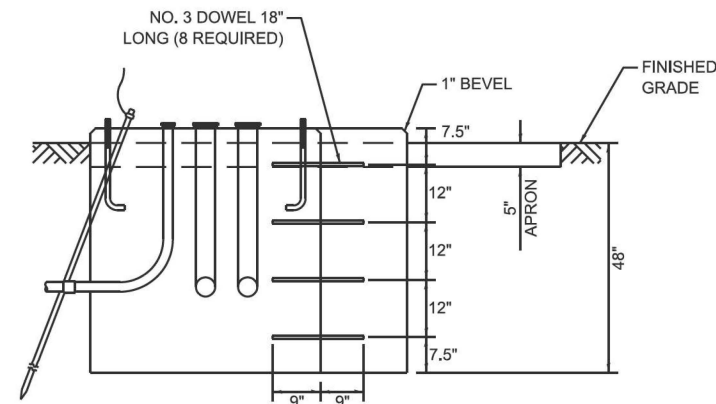
NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" 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.

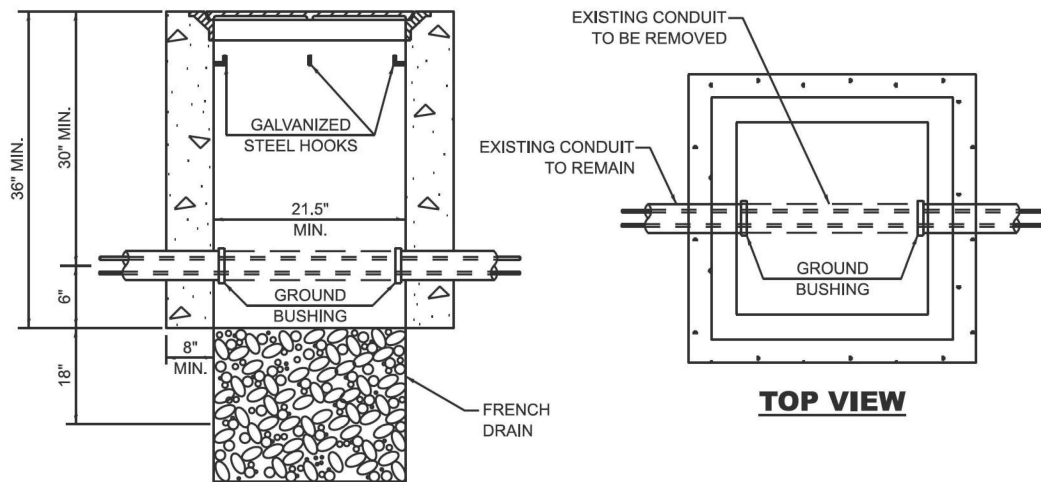
HANDHOLE WITH MINIMUM CONDUIT DEPTH



TOP VIEW



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

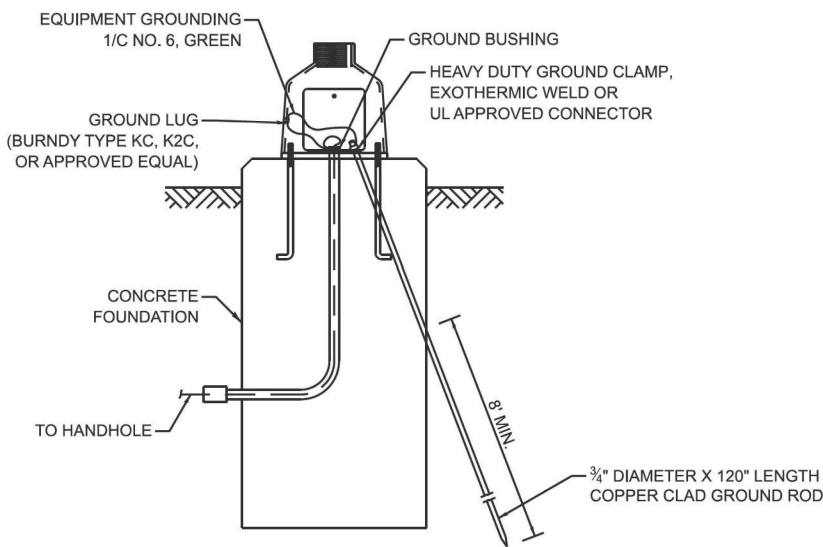


TOP VIEW

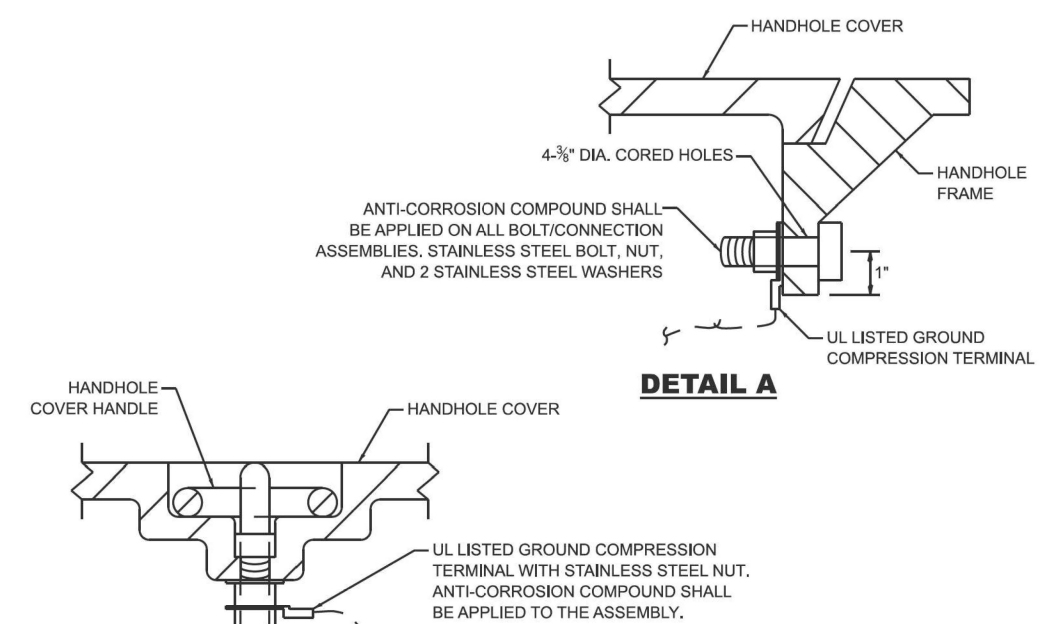
NOTES:

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.

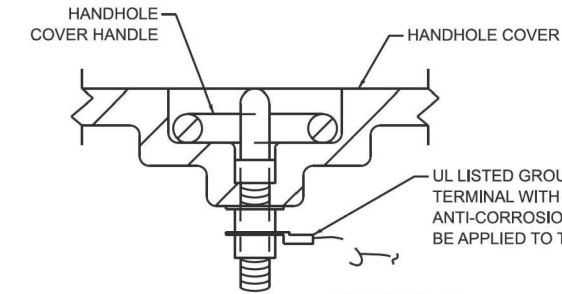
HANDHOLE TO INTERCEPT EXISTING CONDUIT



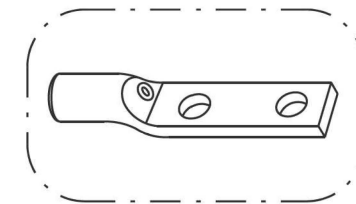
MAST ARM / POST GROUNDING DETAIL



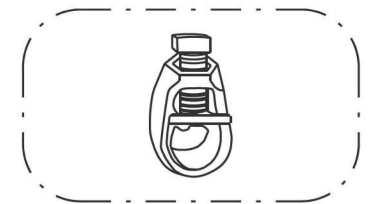
DETAIL A



DETAIL B



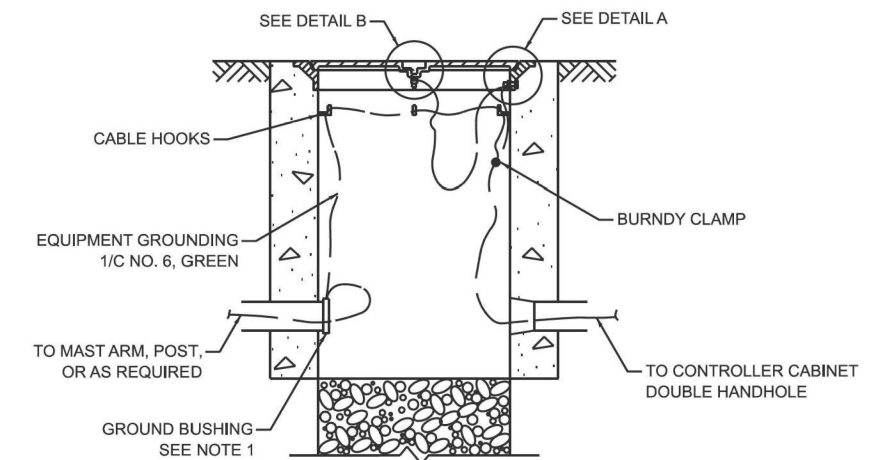
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



3/4" HEAVY-DUTY GROUND ROD CLAMP BRONZE OR COPPER, UL APPROVED (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDING.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL

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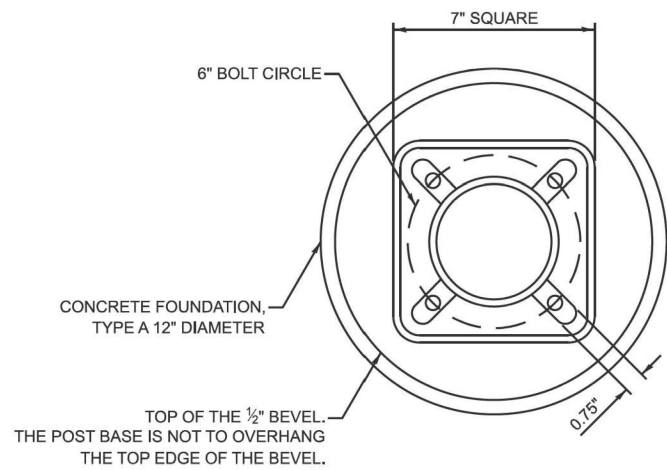
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

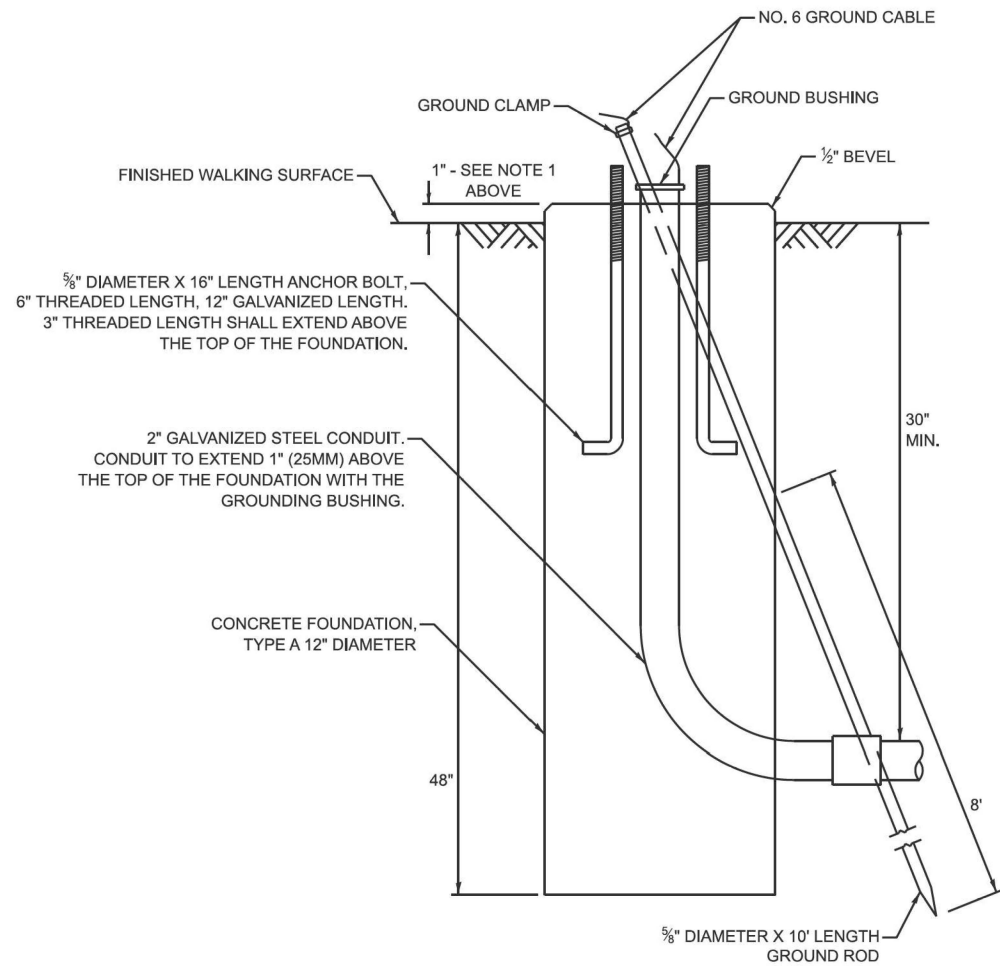
F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 39
TS-01		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



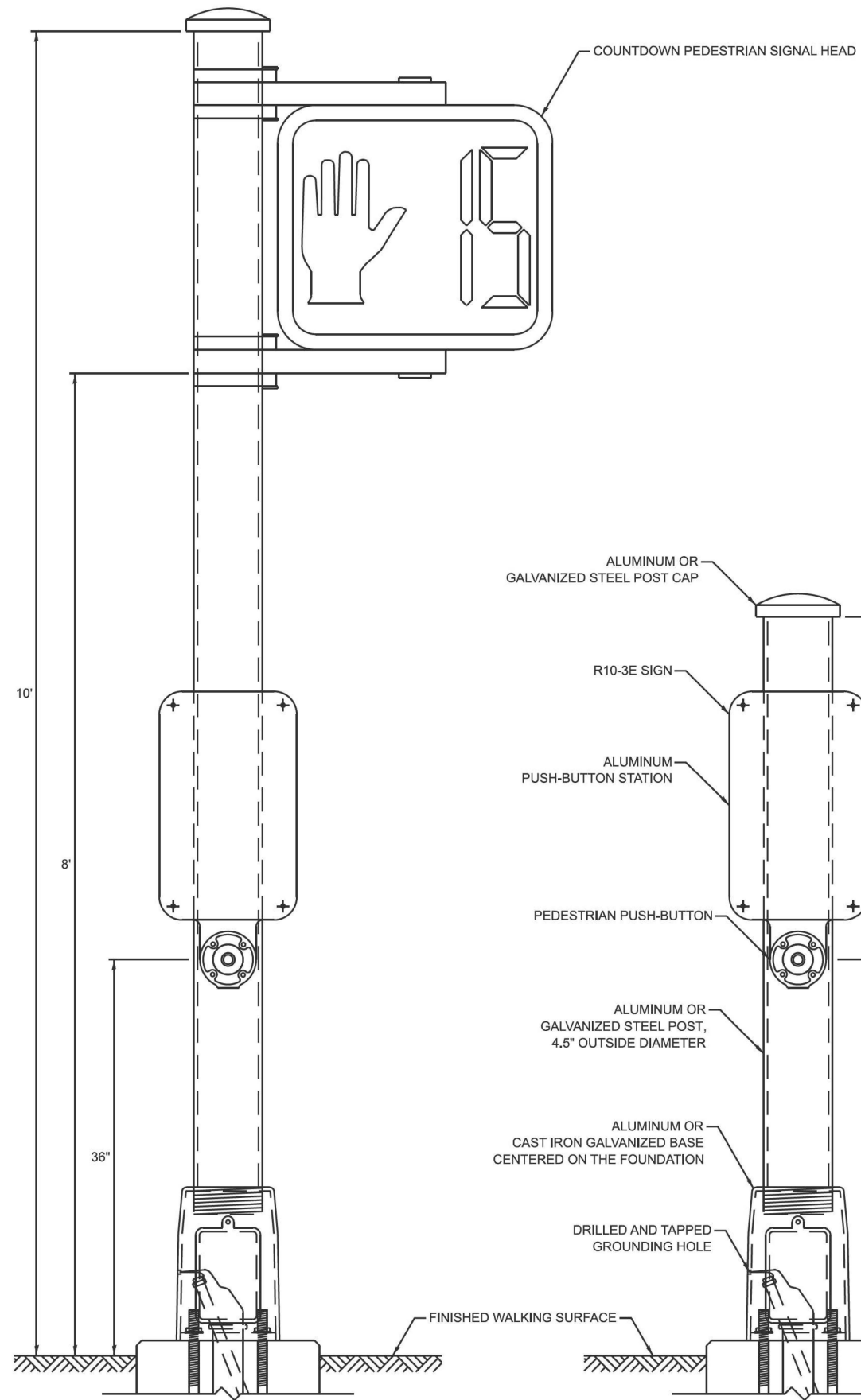
BOLT PATTERN

NOTES:

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

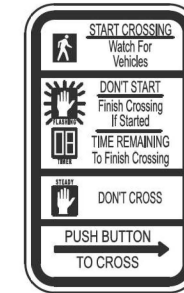


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-1101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	40
TS-01			CONTRACT NO. 80B30	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

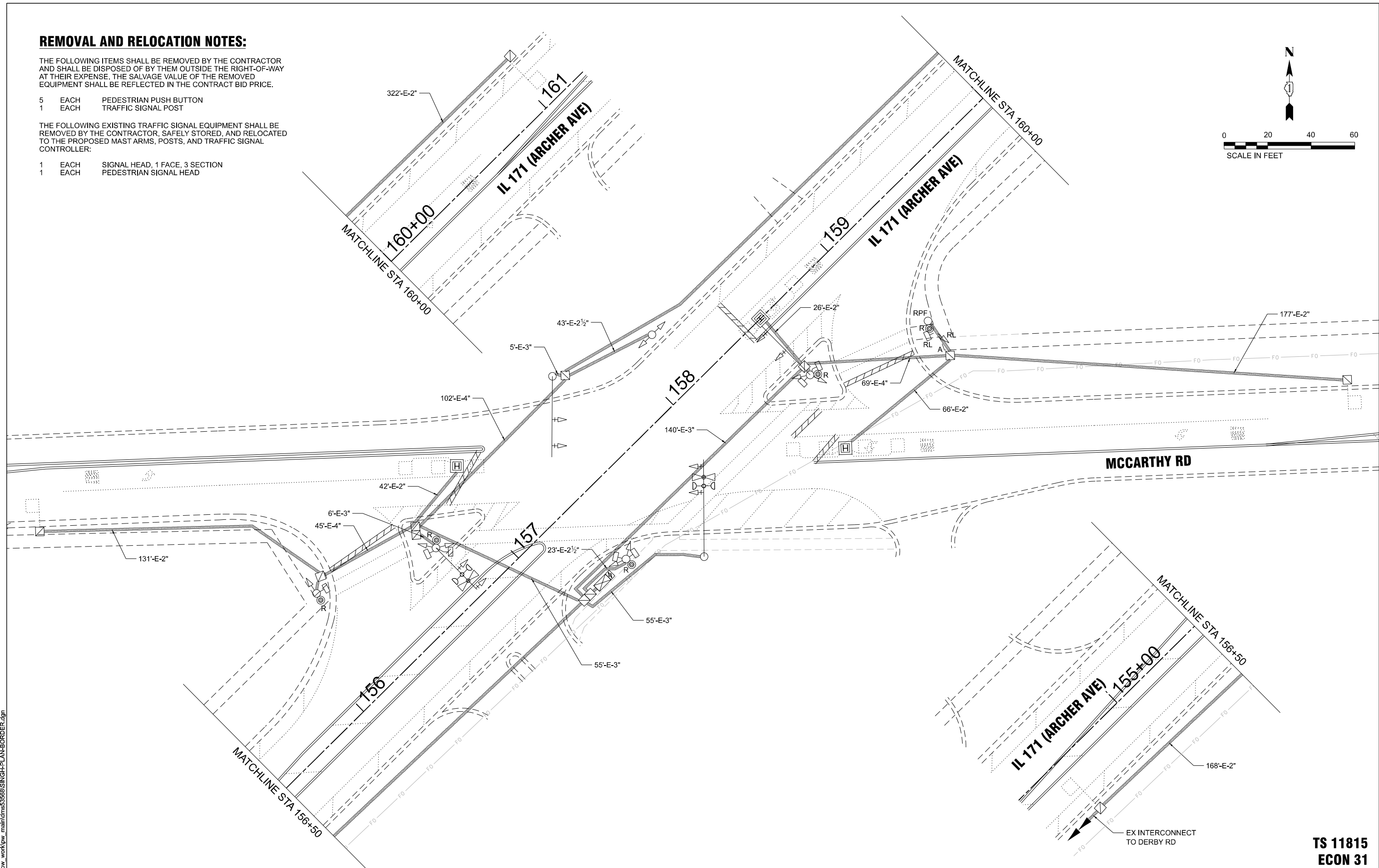
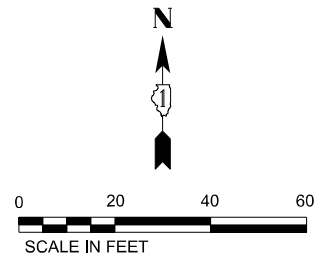
REMOVAL AND RELOCATION NOTES:

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.

- 5 EACH PEDESTRIAN PUSH BUTTON
- 1 EACH TRAFFIC SIGNAL POST

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED MAST ARMS, POSTS, AND TRAFFIC SIGNAL CONTROLLER:

- 1 EACH SIGNAL HEAD, 1 FACE, 3 SECTION
- 1 EACH PEDESTRIAN SIGNAL HEAD



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN
IL 171 (ARCHER AVE) AT MCCARTHY RD**

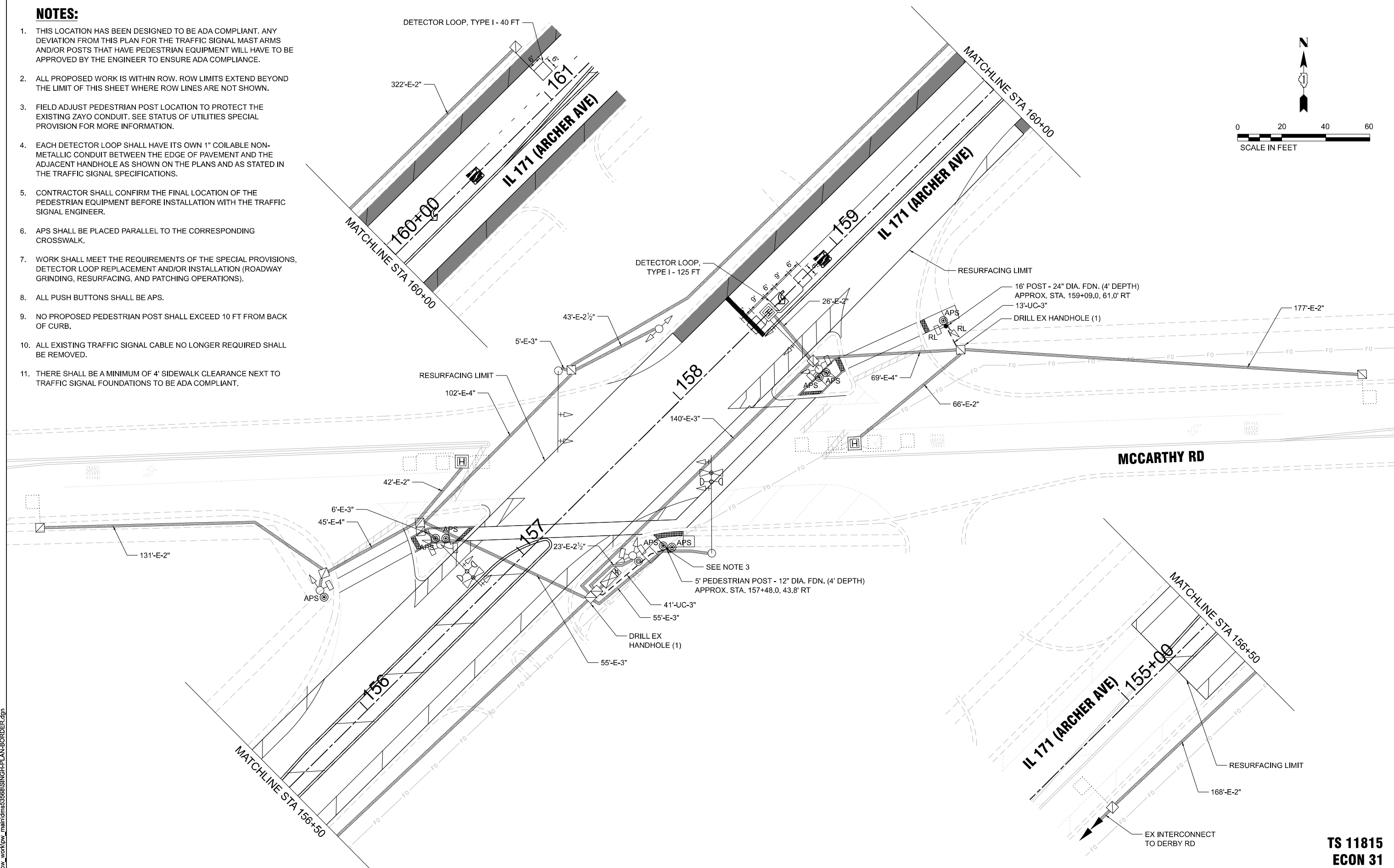
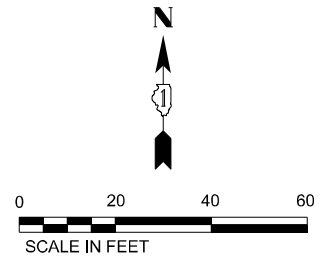
SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	40A
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

**TS 11815
ECON 31**

NOTES:

1. THIS LOCATION HAS BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE TRAFFIC SIGNAL MAST ARMS AND/OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.
2. ALL PROPOSED WORK IS WITHIN ROW. ROW LIMITS EXTEND BEYOND THE LIMIT OF THIS SHEET WHERE ROW LINES ARE NOT SHOWN.
3. FIELD ADJUST PEDESTRIAN POST LOCATION TO PROTECT THE EXISTING ZAYO CONDUIT. SEE STATUS OF UTILITIES SPECIAL PROVISION FOR MORE INFORMATION.
4. 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.
5. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
7. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, AND PATCHING OPERATIONS).
8. ALL PUSH BUTTONS SHALL BE APS.
9. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
10. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
11. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
IL 171 (ARCHER AVE) AT MCCARTHY RD**

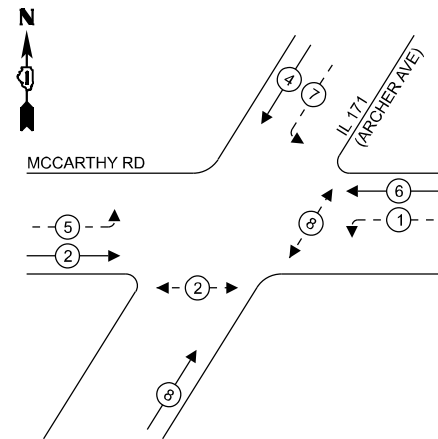
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SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 41
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**TS 11815
EGON 31**

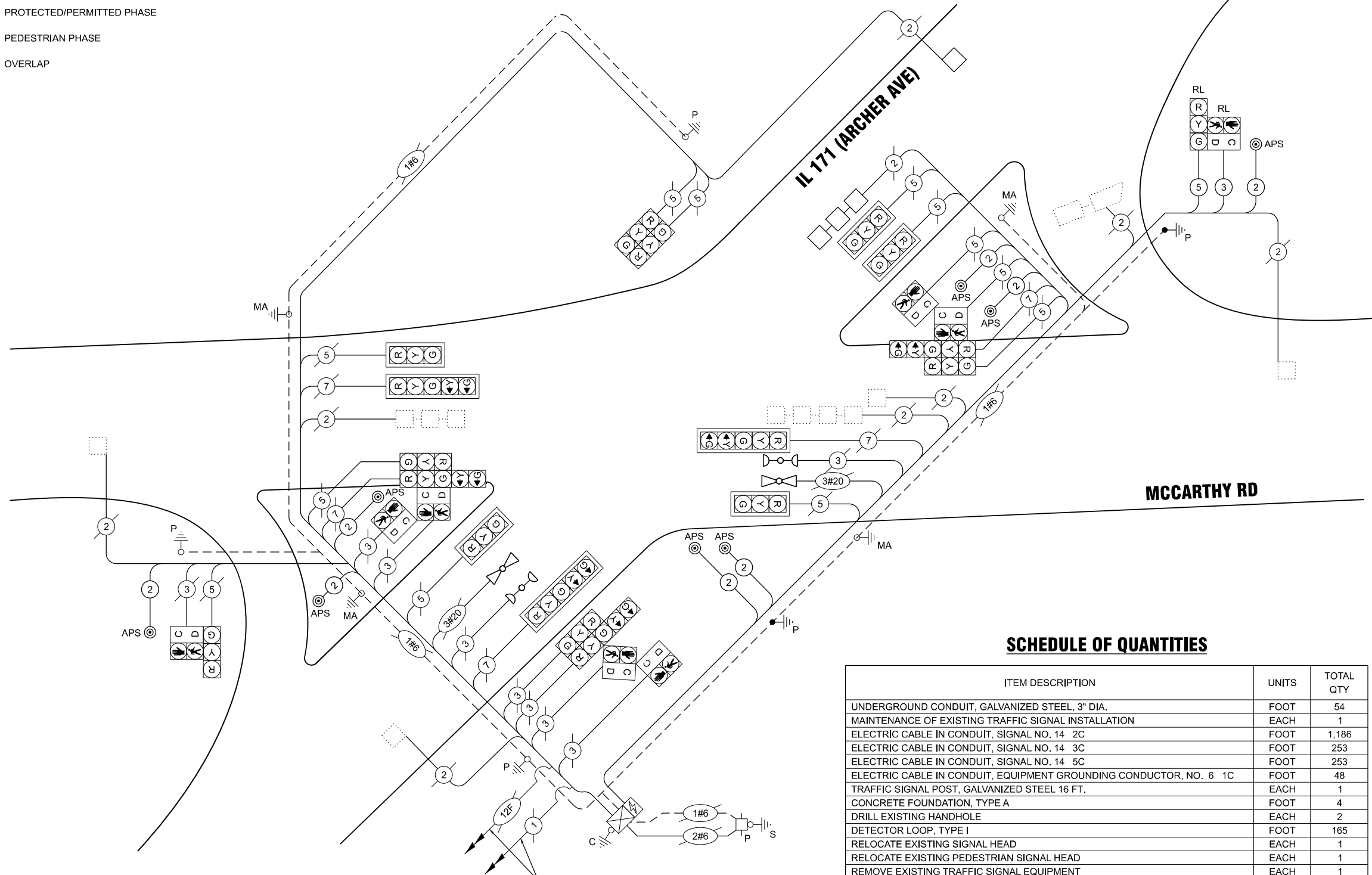
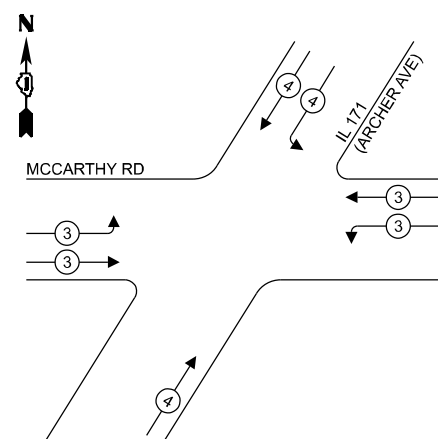
EXISTING CONTROLLER SEQUENCE



LEGEND:

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

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	54
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,186
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	253
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	253
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	48
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP, TYPE I	FOOT	165
RELOCATE EXISTING SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
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

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	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		505	
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		1,110	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 202 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: COMED
 ACCOUNT NUMBER: 87720-62000
 METER NUMBER: _____



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	DATE - 2/17/2026	REVISED -

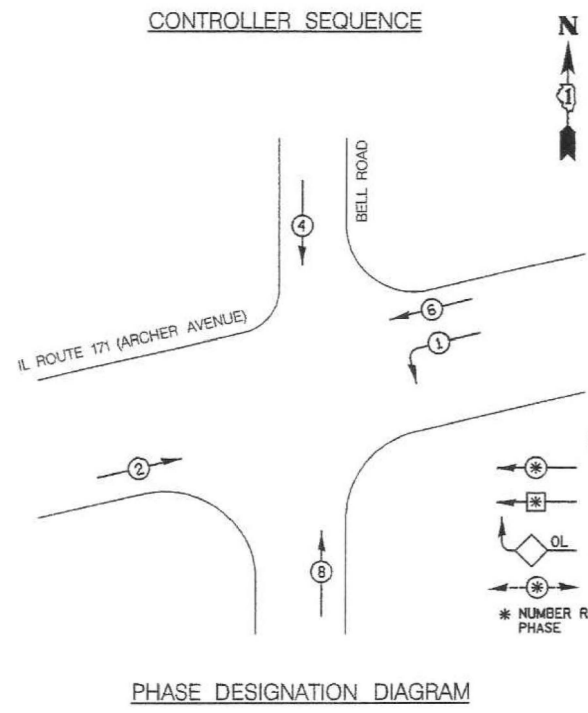
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL 171 (ARCHER AVE) AND MCCARTHY RD

SCALE: SHEET OF SHEETS STA. TO STA.

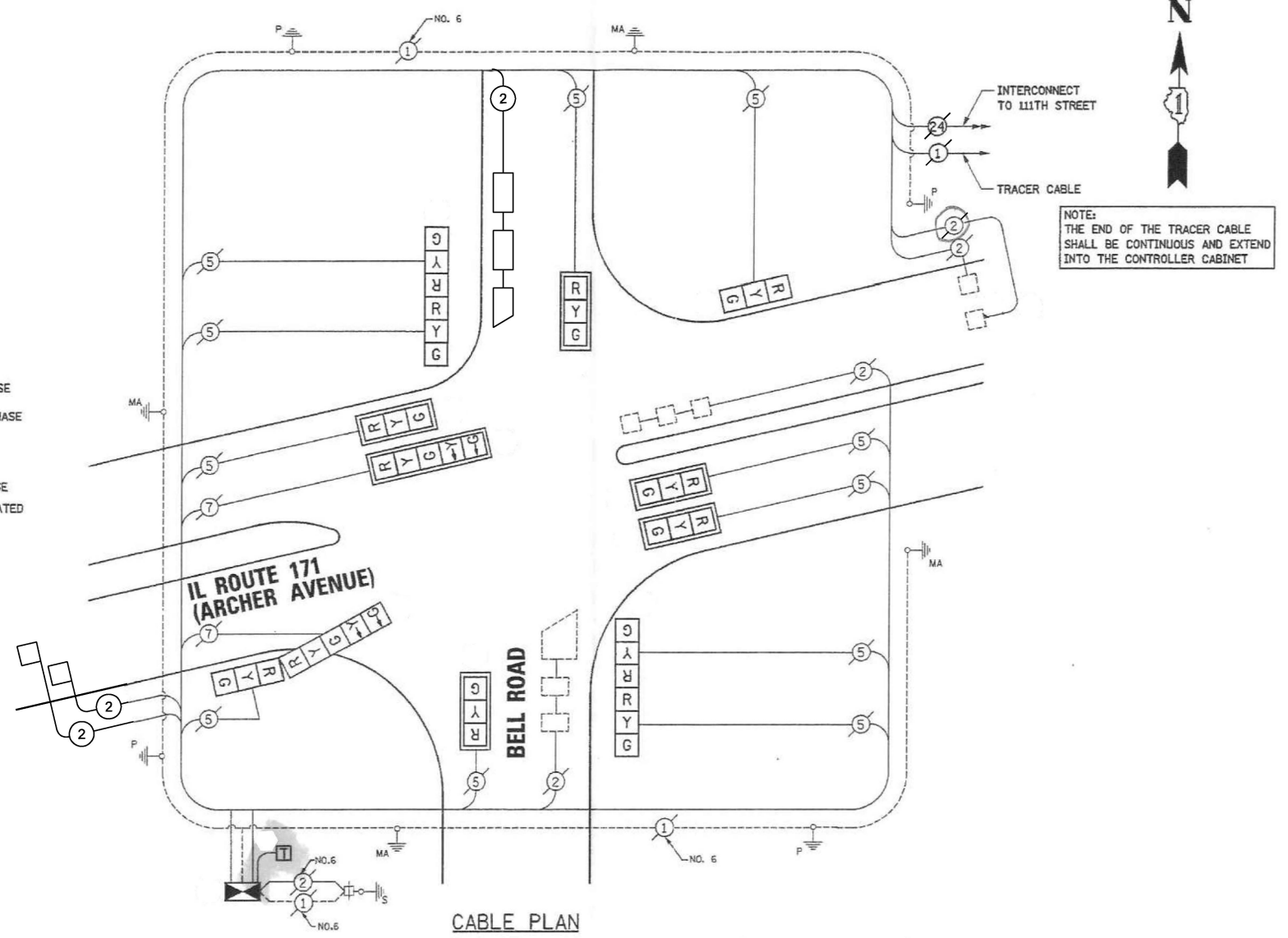
F.A.P. RTE. 577	SECTION 2025-2011-RS	COUNTY COOK	TOTAL SHEETS 57	SHEET NO. 42
CONTRACT NO. 80B30				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS 11815 EGON 31



LEGEND

- ⊛ DUAL ENTRY PHASE
- ⊛ SINGLE ENTRY PHASE
- ⊛ OL OVERLAP
- ⊛ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		X % OPERATION		
		INCAND.	LED			
SIGNAL (RED)	13	135	17	0.50		110.5
(YELLOW)	13	135	25	0.25		81.25
(GREEN)	13	135	15	0.25		48.75
ARROW	4	135	12	0.10		4.8
PED. SIGNAL	-	90	25	1.00		-
CONTROLLER	1	100	100	1.00		100.0
TOTAL =						345.3

ENERGY COSTS - BILLED TO: ILLINOIS DEPT. OF TRANSPORTATION
 (ADDRESS) 201 WEST CENTER COURT
 SCHALMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY - CONTACT: DOLORES KREMNITZER
 PHONE: (815) 724-5716
 COMPANY: COM. ED.

FOUNDATION (DEPTH)	(FT.) (m)	CABLE SLACK	(FT.) (m)	VERTICAL	(FT.) (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - FOUNDATION	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20' + L - 2 = (6m + L - 0.6m) =
C - M. ARM POLE		SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
DETECTOR LOOP REPLACEMENT	FOOT	215
REBUILD EXISTING HANDHOLE	EACH	1

**TS 21475
EAGLE 6E**

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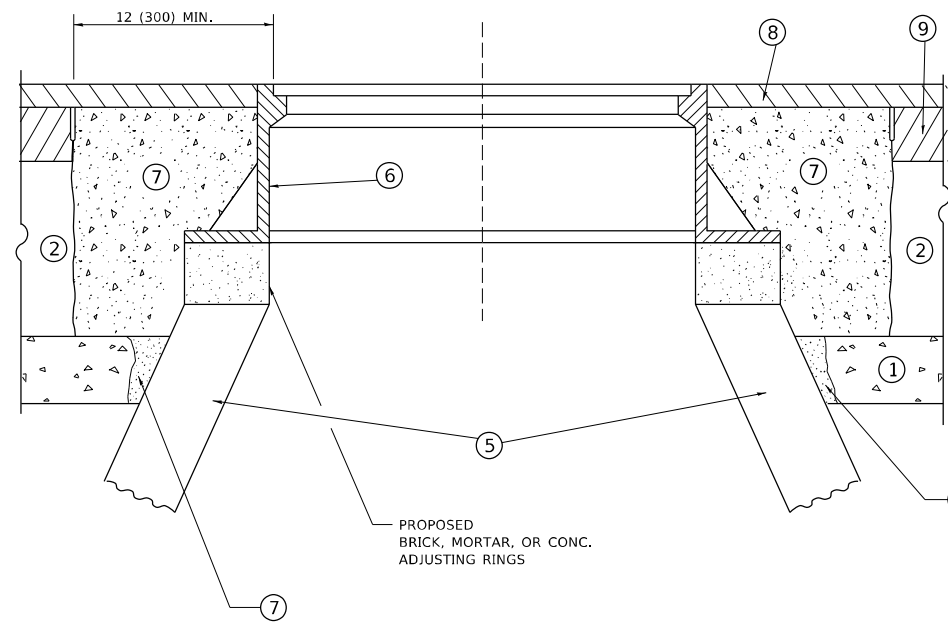
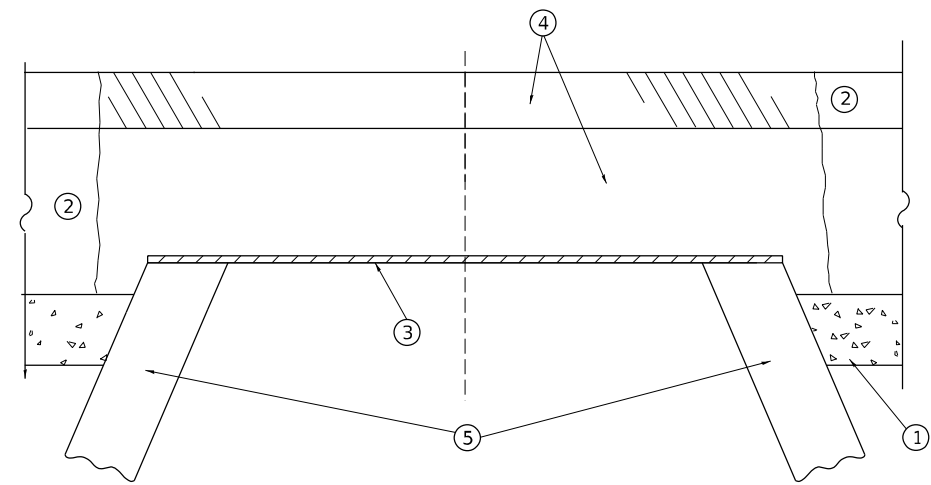
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	DATE - 2/17/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 171 / ARCHER AVE AND BELL RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	44
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 80B30				



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

NOTES

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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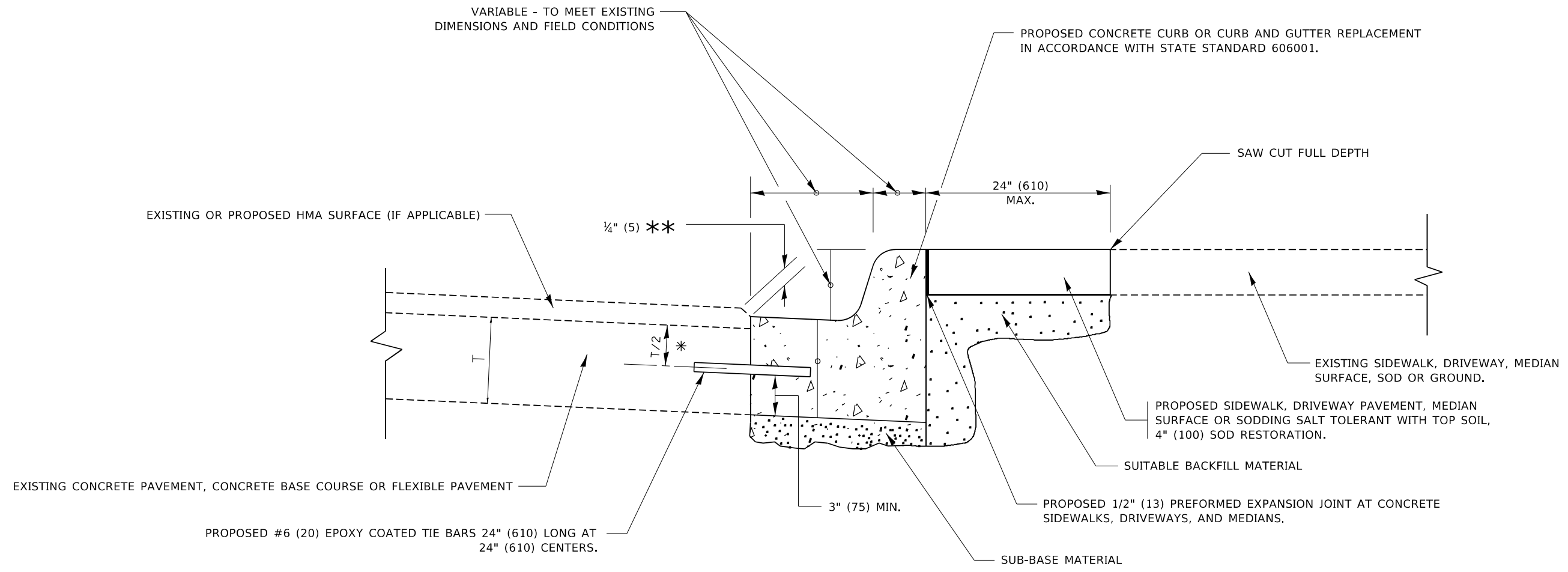
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	46
BD600-03 (BD-08)		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	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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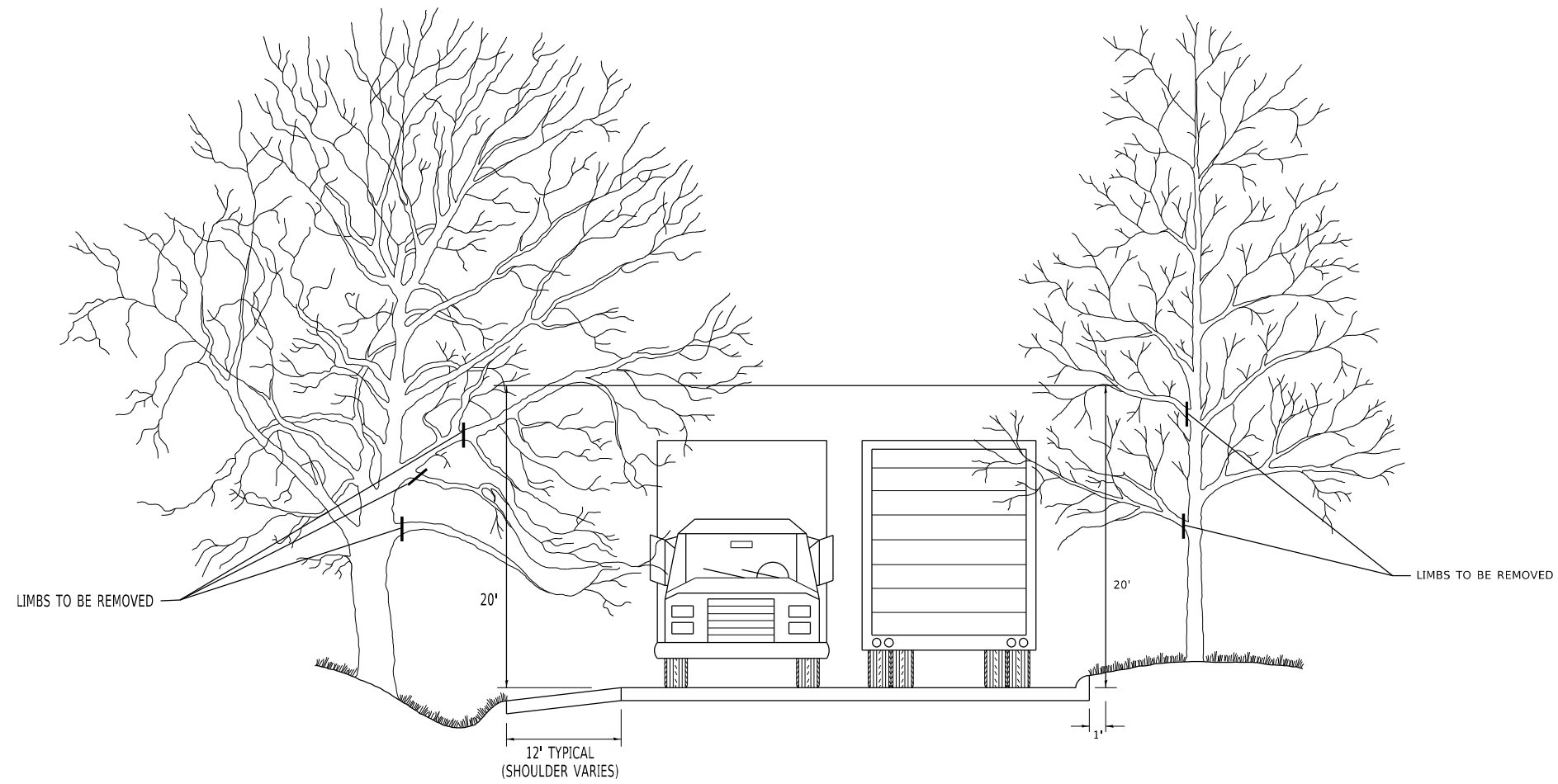
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	48
BD600-06 (BD-24)			CONTRACT NO. 80B30	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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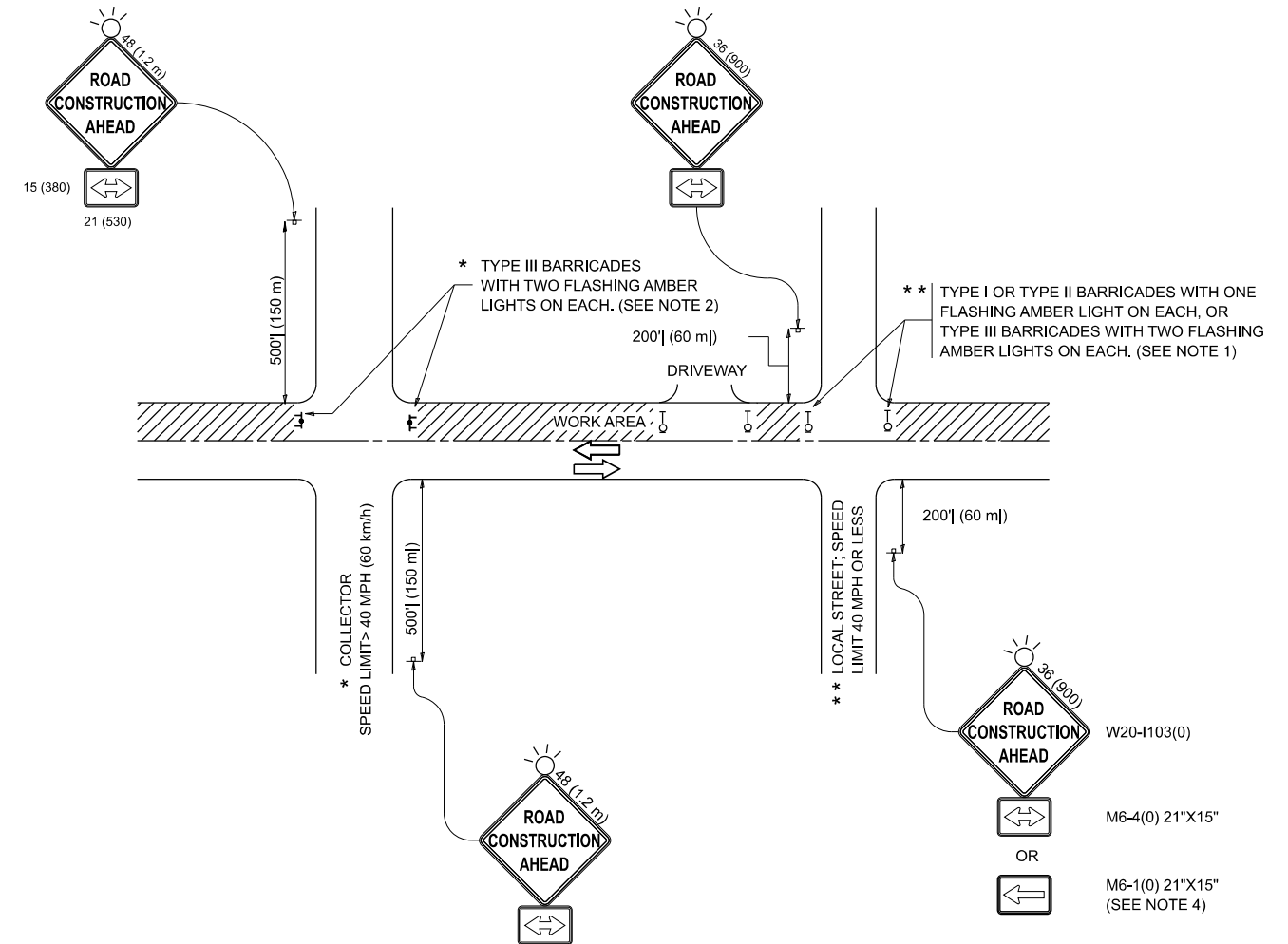
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRUNING FOR SAFETY AND
EQUIPMENT CLEARANCE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	50
BM-20		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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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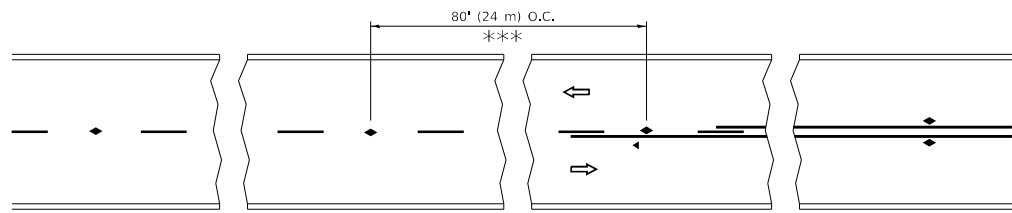
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PLOT DATE = 10/2/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-25

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

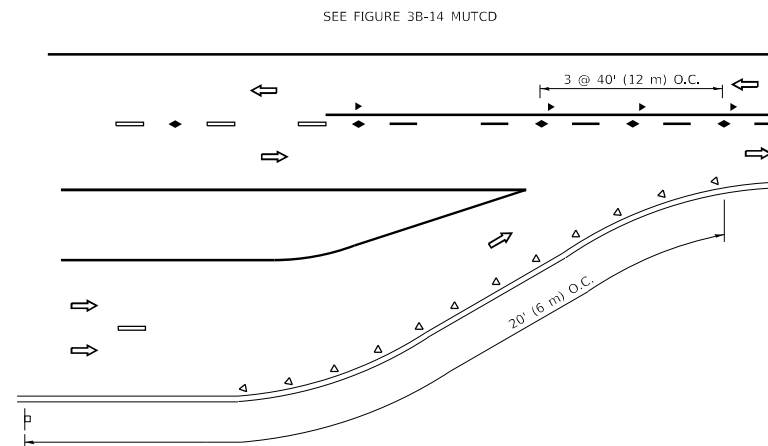
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	51
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FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

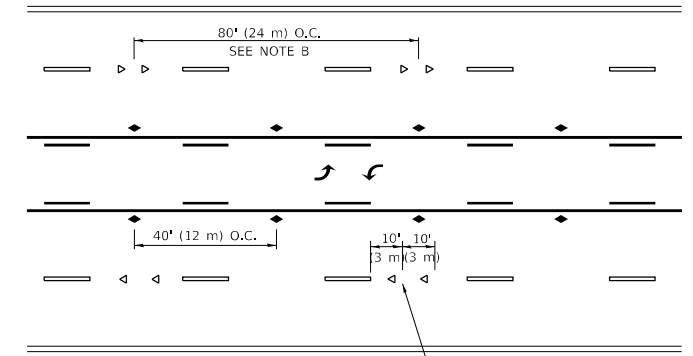


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

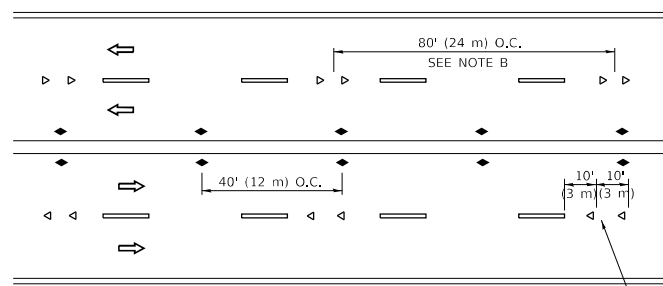
TWO-LANE/TWO-WAY



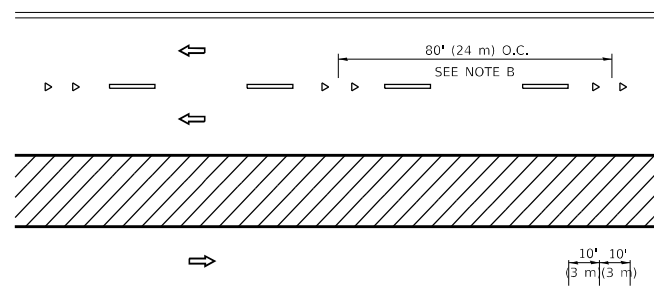
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

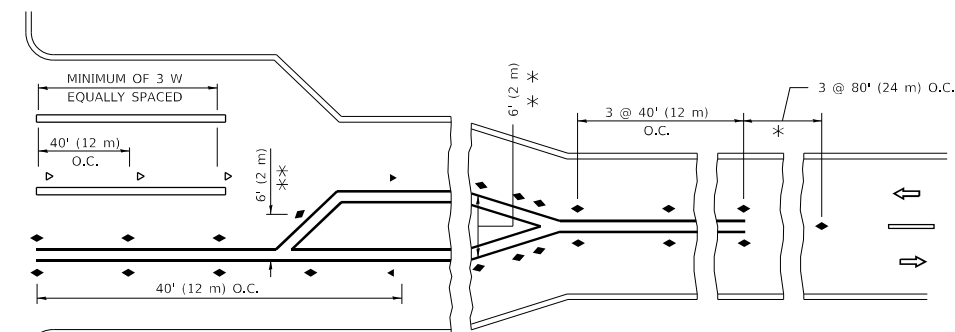
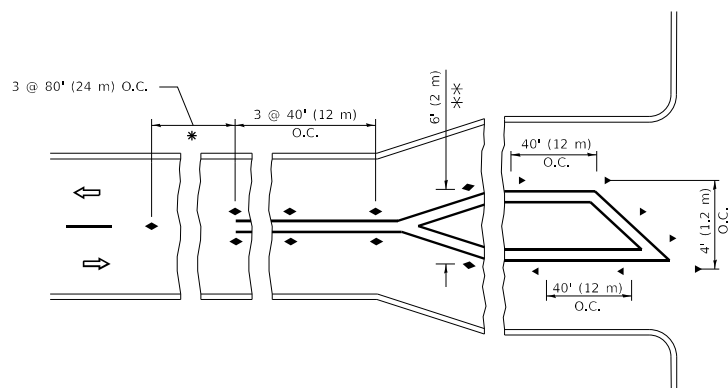
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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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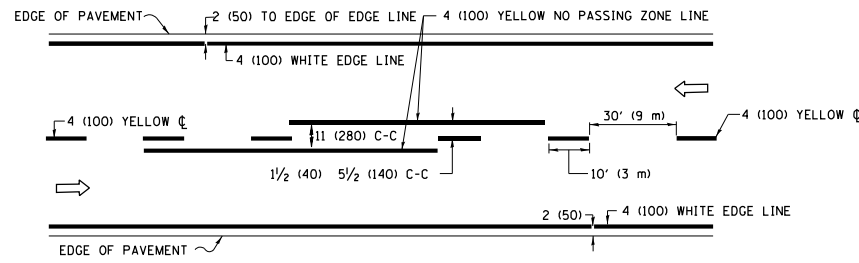
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

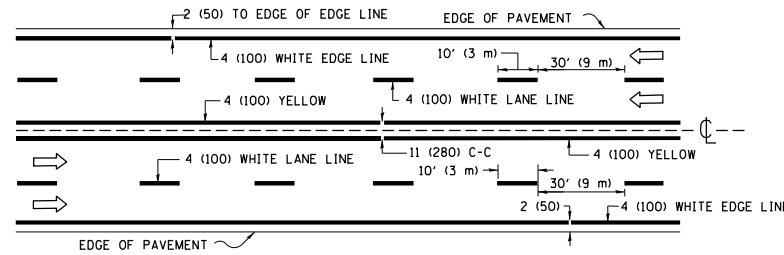
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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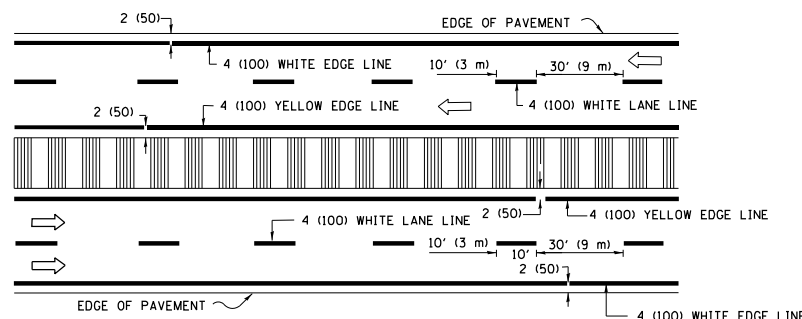
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	52
TC-11		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY

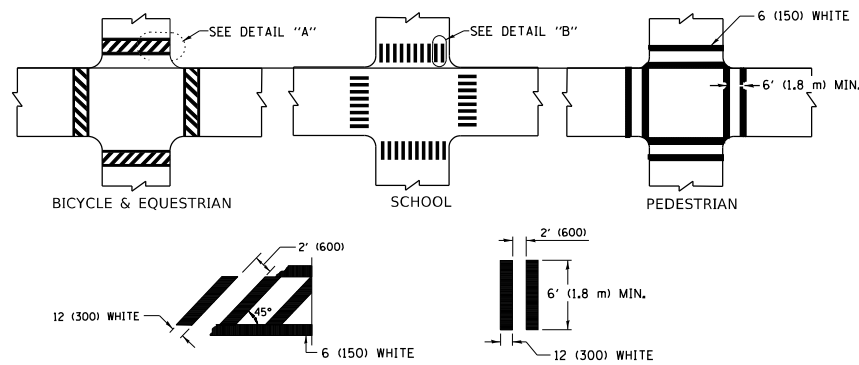


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

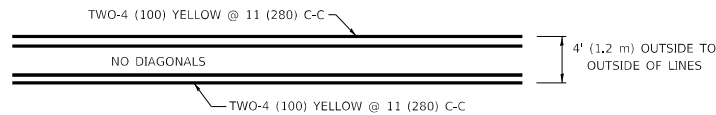


DETAIL "A"

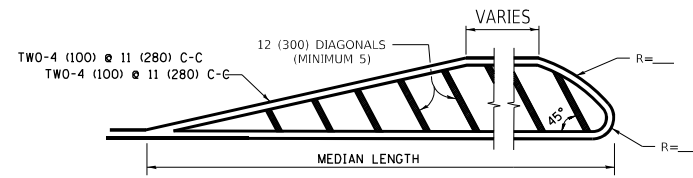
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



4' (1.2 m) WIDE MEDIANS ONLY

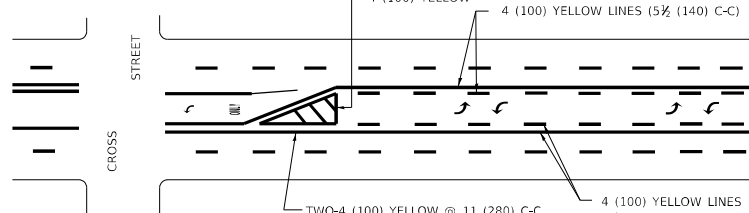


MEDIANS OVER 4' (1.2 m) WIDE

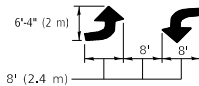
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

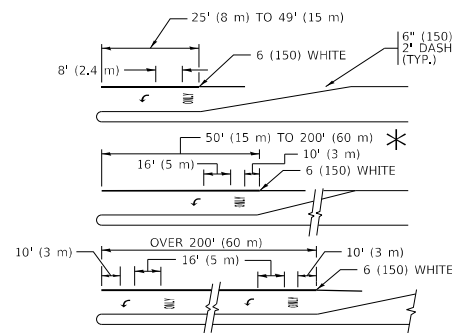


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

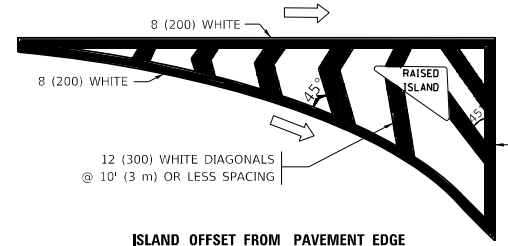


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

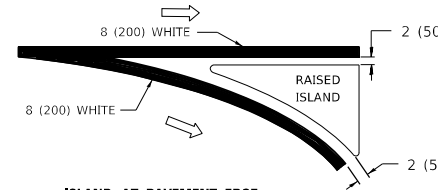
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

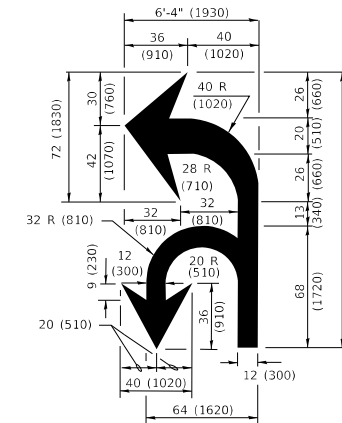


ISLAND OFFSET FROM PAVEMENT EDGE

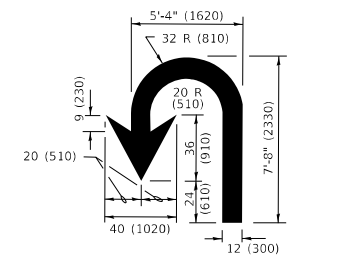


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES "RR" IS 8' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	53
TC-13		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

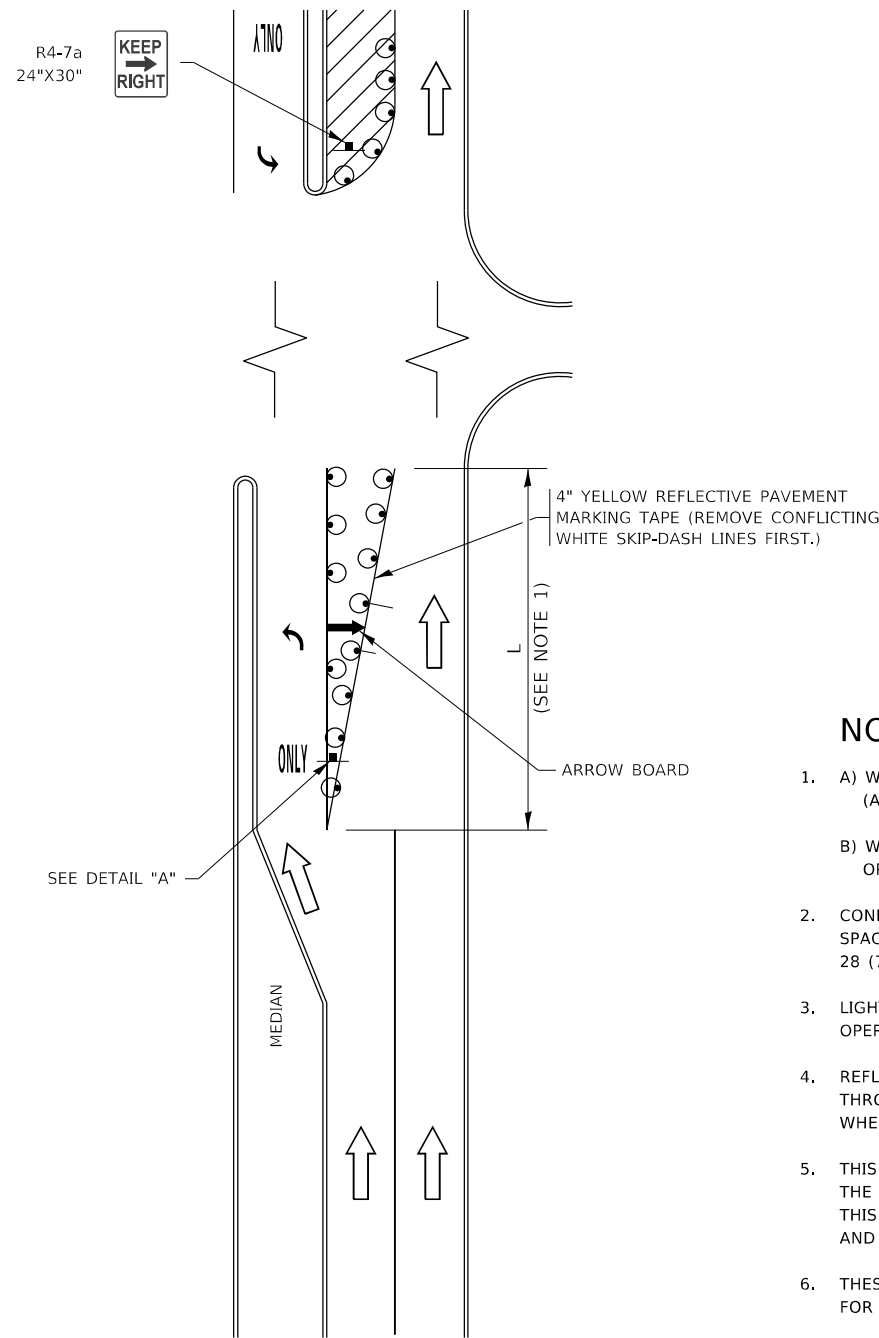


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

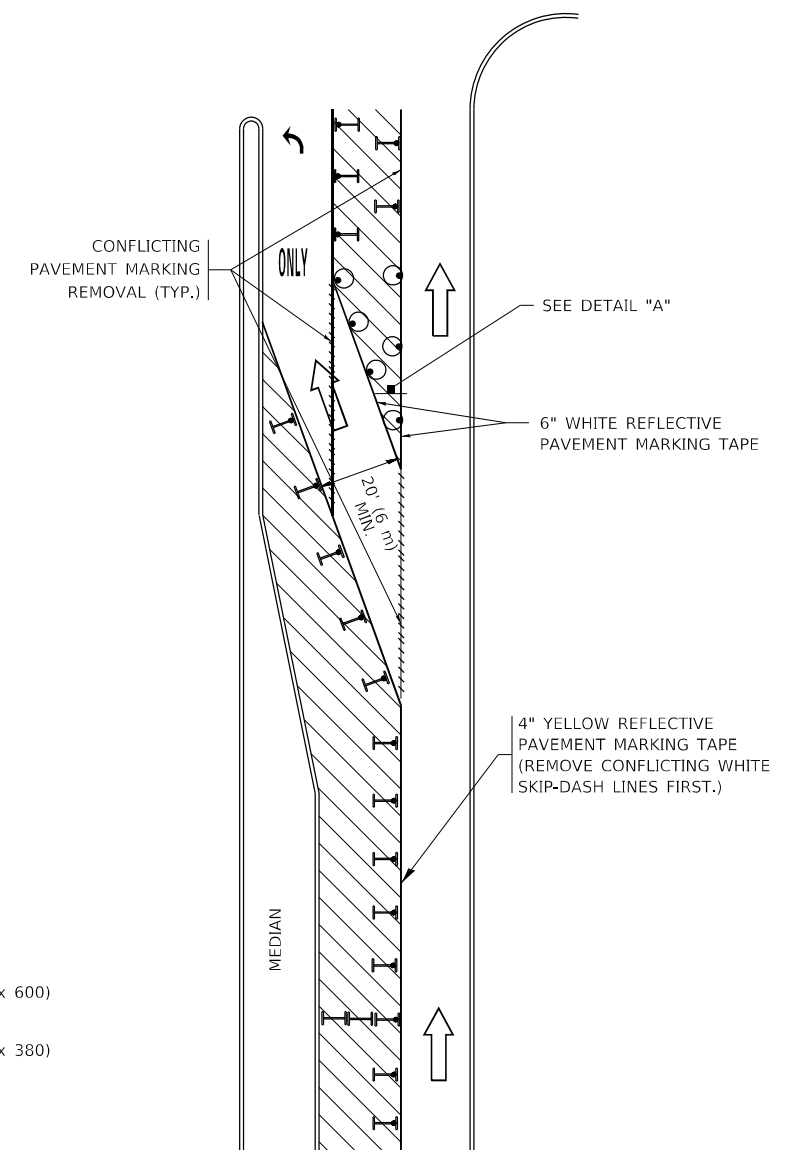

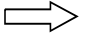







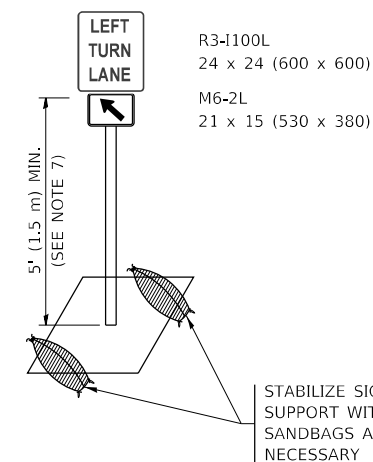
FIGURE 2

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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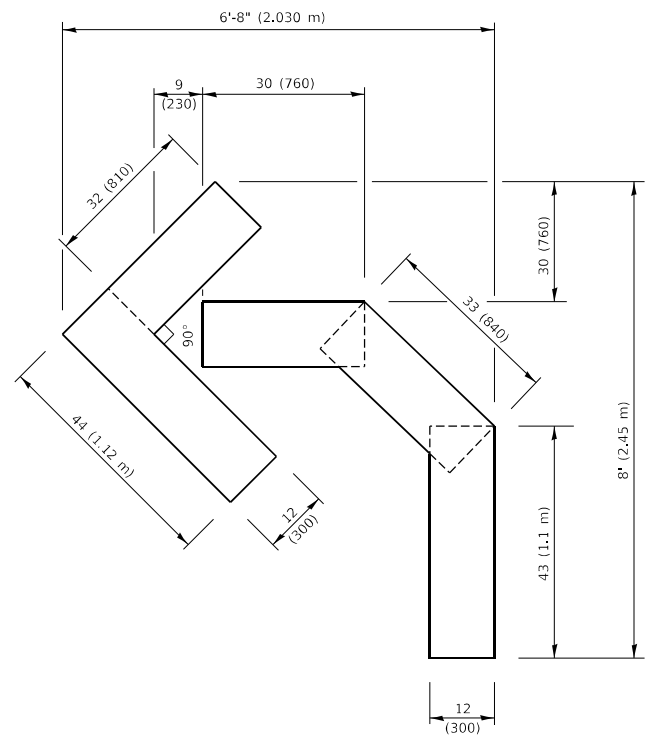
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PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

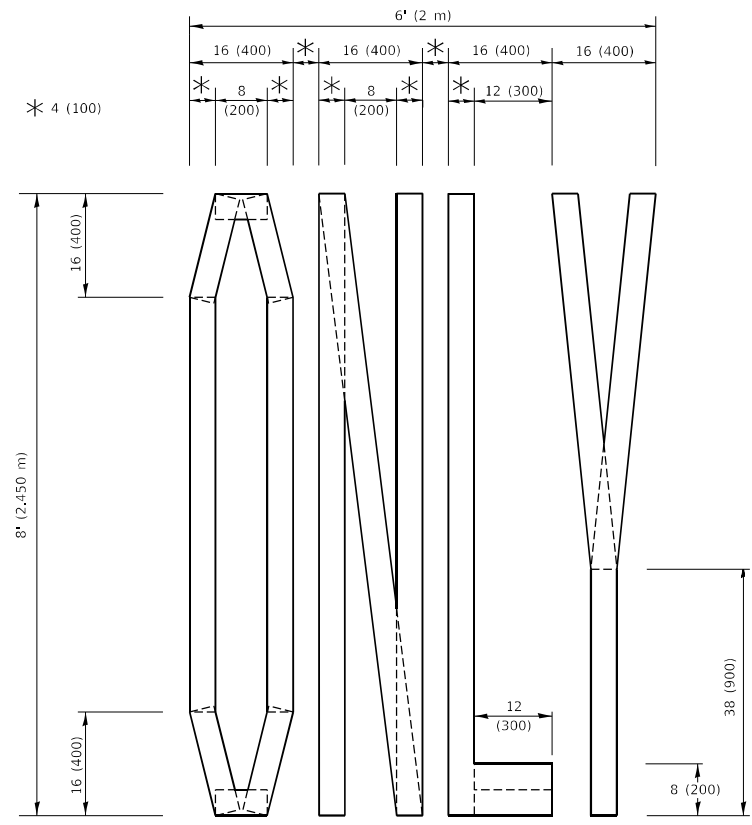
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

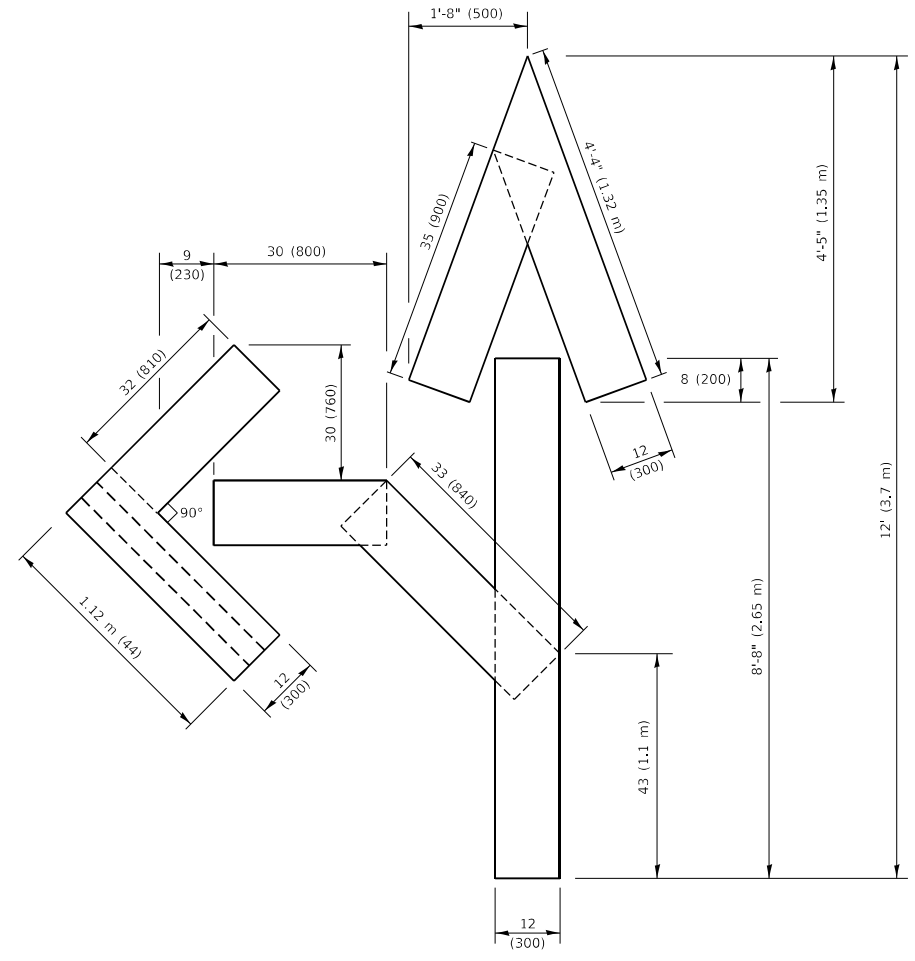
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	54
TC-14		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

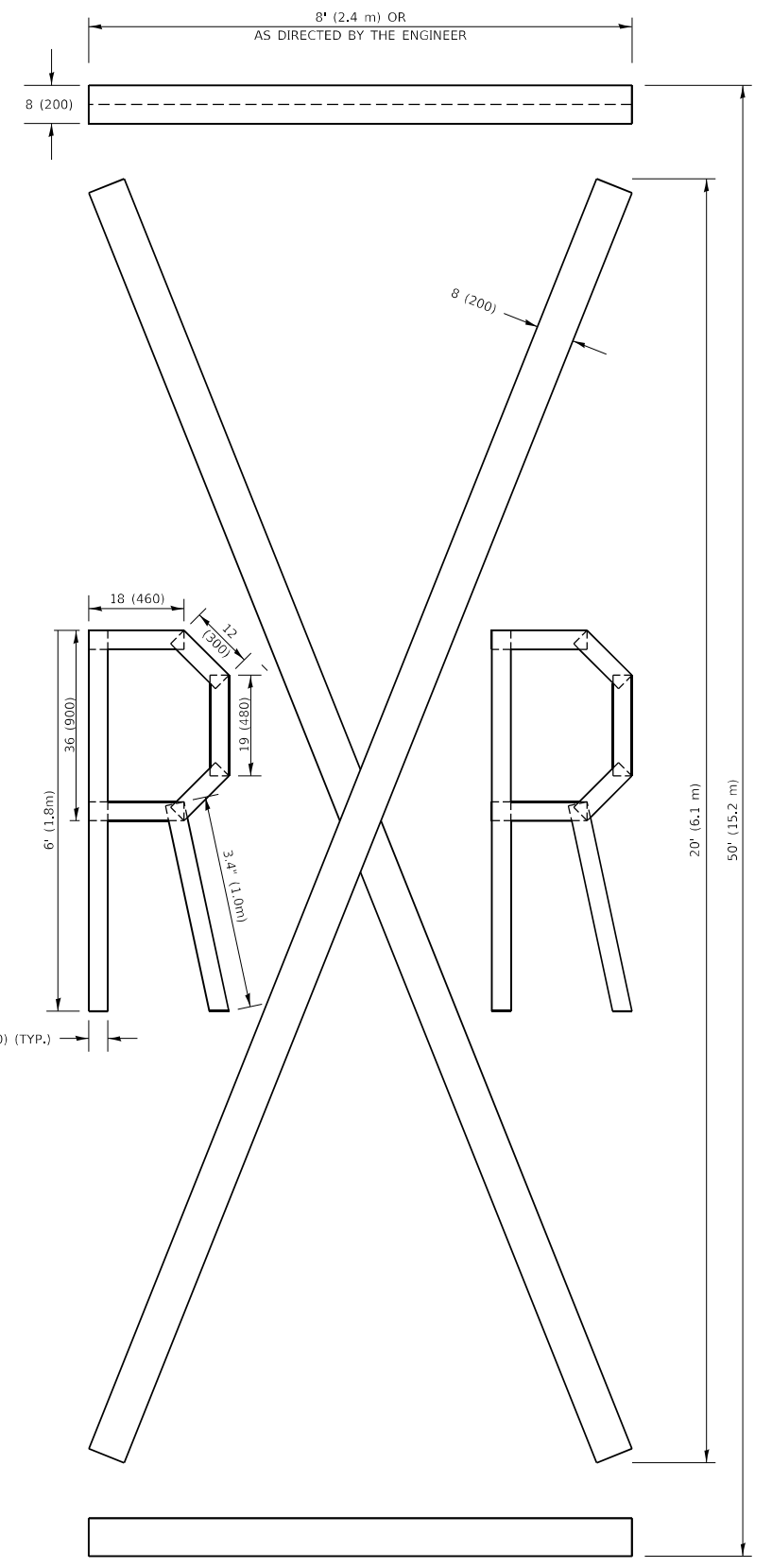


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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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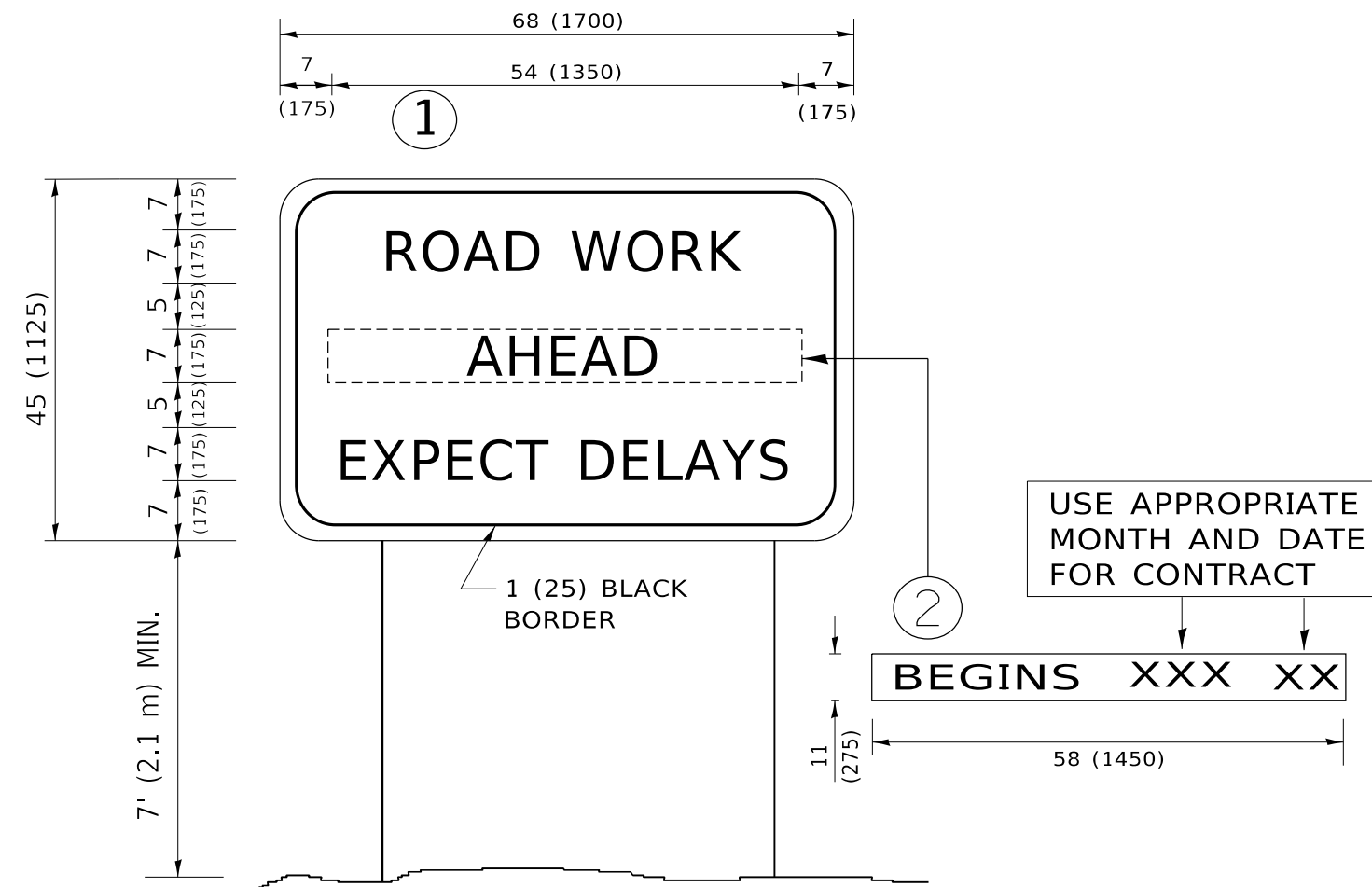
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	55
TC-16		CONTRACT NO. 80B30		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

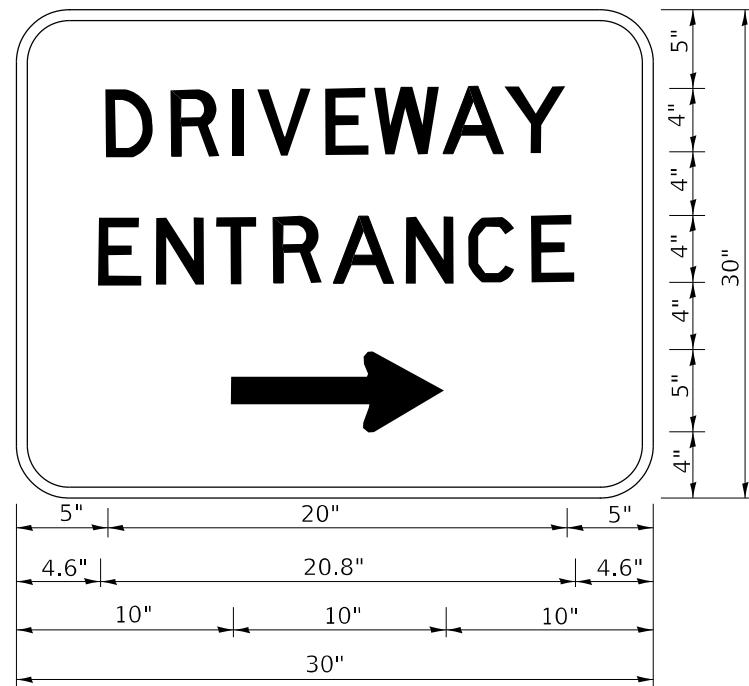
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	56
TC-22			CONTRACT NO. 80B30	
FED. ROAD DIST. NO. 1	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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USER NAME = lleya	DESIGNED -	REVISED - C. JUCIUS 02-15-07
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2025-2011-RS	COOK	57	57
TC-26			CONTRACT NO. 80B30	
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