

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	1
		ILLINOIS	CONTRACT NO. 80B05	

* 83 + 7 = 90 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

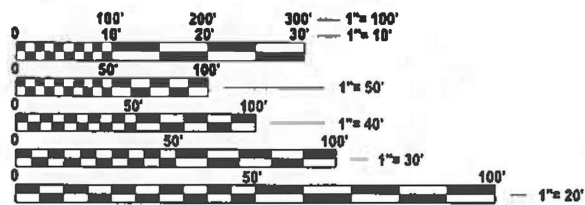
PROPOSED HIGHWAY PLANS

FAP ROUTE 871
SECTION: 2025-2018-RS,SW
PROJECT: NHPP-J3RM(687)
PATCHING, DIAMOND GRINDING,
ADA RAMP IMPROVEMENTS
WILL COUNTY
C-91-004-26

THIS PROJECT IS LOCATED IN THE CITY OF CREST HILL

TRAFFIC DATA:
SPEED LIMIT: 35 MPH
2023 ADT: 15,600

DESIGN DESIGNATION:
OTHER PRINCIPAL ARTERIAL



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

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

PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255
PROJECT MANAGER: VESELIN VELICHKOV

CONTRACT NO. 80B05

BEGIN PROJECT:
STA 15+65

36N

35N



END PROJECT:
STA 107+25

GROSS AND NET LENGTH = 9293 FT. = 1.76 MILE

D-91-164-25



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 30 2026
Lucas POCIECHA IR REGIONAL ENGINEER

March 20 2026
Scott E. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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82	PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)
83	CRACK & JOINT SEALING DETAIL (PD-11)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
442201-09	CLASS B PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS- DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES CONT.

13. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.

14. CLASS B PAVEMENT PATCHING WHICH REQUIRES FRAMES AND GRATES TO BE ADJUSTED SHALL BE CONSTRUCTED UTILIZING "CAST IN PLACE" ALTERNATE ACCORDING TO STATE HIGHWAY STANDARD 420111 FOR "PCC PAVEMENT ROUNDOUTS".

15. 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.

16. MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. OLD SEALANTS REMOVED PRIOR TO ROUTING SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

17. CLASS D PATCHES, 3" DEPTH TO BE USED TO RESTORE PARKING LOTS BEHIND ADA IF PARKING LOT IS DAMAGED DURING ADA RESTORATION WORK.

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

19. PAVEMENT MARKING REMOVAL- WATERBLASTING IS INCLUDED IN THIS CONTRACT TO REMOVE ANY PAVEMENT MARKINGS IN ORDER TO REALIGN THE CROSSWALKS FROM NEW ADA RAMPS WHOS LAYOUT HAS CHANGED/SHIFTED.

20. ROAD CONSTRUCTION AHEAD* SIGNS SHALL REMAIN INSTALLED AT LOCATIONS WHERE ROADWAY HAZARDS WITHIN THE WORK ZONE WILL REMAIN OVERNIGHT.

21. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER. ALL EXISTING LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN KIND AFTER THE COMPLETION OF THE STAGING.

22. 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.

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, CITIES OF CREST HILL AND JOLIET AND WILL COUNTY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM AND FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS AREA TRAFFIC FIELD TECHNICIAN, AT ERIC.CAMPOS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
ILL 7 (US 30 TO IL 53)**

F.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0 87	20 25- 20 18- RS, SW	WILL	83	2
			CONTRACT NO. 80B05	
		ILLINOIS	FEED PROJ. C	

SCALE: SHEET OF 1 SHEETS: 5 A. TO S A.

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SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	26	26					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	63	63					
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	1	1					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	3					
20200100	EARTH EXCAVATION	CU YD	138	138					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	325	325					
25200100	SODDING	SQ YD	325	325					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1125	1125					
42001300	PROTECTIVE COAT	SQ YD	1880	1880					
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	40	40					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12068	12068					
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	293	293					
42400800	DETECTABLE WARNINGS	SQ FT	1344	1344					
44000100	PAVEMENT REMOVAL	SQ YD	266	266					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	40	40					
44000600	SIDEWALK REMOVAL	SQ FT	12367	12367					
44003100	MEDIAN REMOVAL	SQ FT	227	227					
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	1055	1055					
44201299	DOWEL BARS 1 1/2"	EACH	820	820					
44201682	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	70	70					
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	110	110					
44213200	SAW CUTS	FOOT	3560	3560					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	46740	46740					
45200300	JOINT OR CRACK FILLING	POUND	13354	13354					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3					
60255500	MANHOLES TO BE ADJUSTED	EACH	21	21					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	3					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	227	227					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	138	138					
* 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	5	5					
67100100	MOBILIZATION	L SUM	1	1					
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1595	1595					
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	19742	19742					
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1175	1175					
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	299	299					
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	5015	5015					
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	248	248					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	450	450					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	450	450					

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILL 7 (US 30 TO IL 53)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	3
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	650	650					
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.83	0.83					
X2010516	SELECTIVE CLEARING	UNIT	1.5	1.5					
X4202010	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	29039	29039					
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	390	390					
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1540	1540					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	600		600				
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	105.6	105.6					
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18	18					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	30		30				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30					
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	19742	19742					
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	1175	1175					
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	5015	5015					
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	248	248					
78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D-LINE 7"	FOOT	280	280					
78001140	GROOVING FOR RECESSED PAVEMENT MARKING, 8"	FOOT	280	280					
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	196	196					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY				
				80% FED 20% STATE	100% STATE				
Code No.	Item	Unit	Total Quantity	0005	0005				
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	3					
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2401	2401					
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	198	198					
87301900	ELECTRIC CABLE IN CONDUIT, EQ UIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1294	1294					
87900200	DRILL EXISTING HANDHOLE	EACH	10	10					
88102717	PEDESTRIAN SIGNAL HEAD, LEDM 1 -FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2					
88600100	DETECTOR LOOP, TYPE I	FOOT	770	770					
89502200	MODIFY EXISTING CONTROLLER	EACH	1	1					
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1709	1709					
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQ UIPMENT	EACH	2	2					
K0026700	TREE CARE	EACH	20	20					
X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2	2					
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8	8					
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	22	22					
X8780012	CONCRETE FOUNDATOIN TYPE A 12-INCH DIAMETER	FOOT	40	40					
Z0033044	RE -OPTIMIZA TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	3	3					

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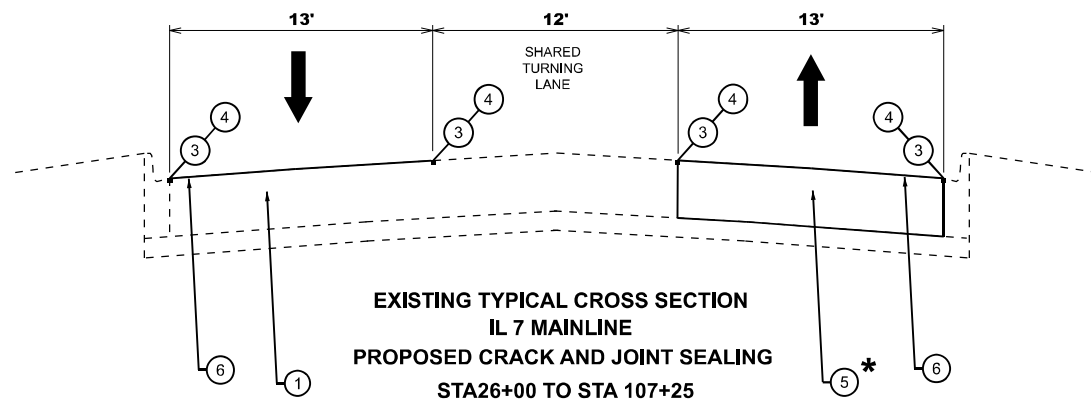
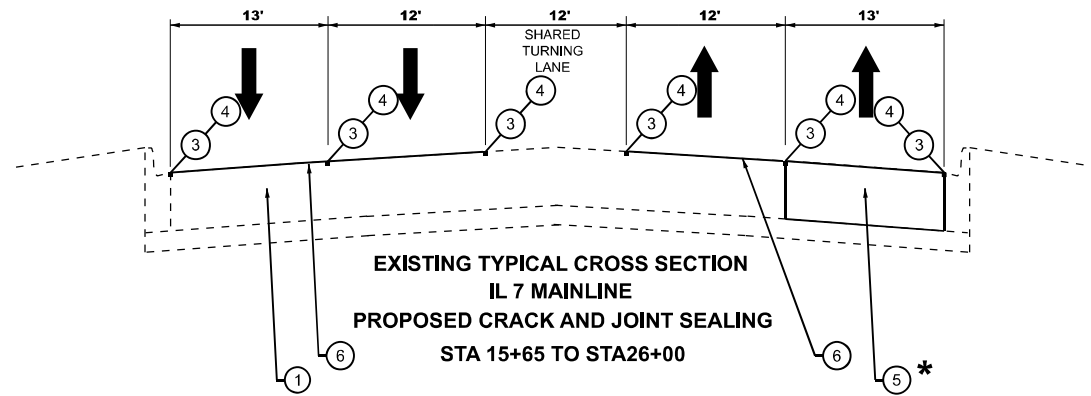
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
ILL 7 (US 30 TO IL 53)**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	4
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10"
- ② EXISTING CURB AND GUTTER
- ③ PROPOSED JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)
- ④ PROPOSED JOINT OR CRACK FILLING
- ⑤ PROPOSED CLASS B PATCHES, 10"
- ⑥ PROPOSED PROFILE DIAMOND GRINDING CONCRETE PAVEMENT, 3/16" TO 1/4"

* = PATCHING CAN TAKE PLACE IN ANY LANE THROUGHOUT THE LIMITS OF THIS JOB. SEE PLAN SHEETS OR FOLLOW RESIDENT ENGINEER'S RECCOMENDATION FOR PATCHING LOCATIONS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PARKING LOT RESTORATION (CLASS D PATCHES)	CLASS D PATCHES (HMA SURFACE COURSE IL 9.5 MIX D, N70 (3")) (PLACE IN 2 LIFTS)	4.0% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)			

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
- NOTE 3: APPLY BITUMINOUS MATERIALS (TACK COAT) BETWEEN LIFTS OF CLASS D PATCHES USED FOR PARKING LOT RESTORATION.

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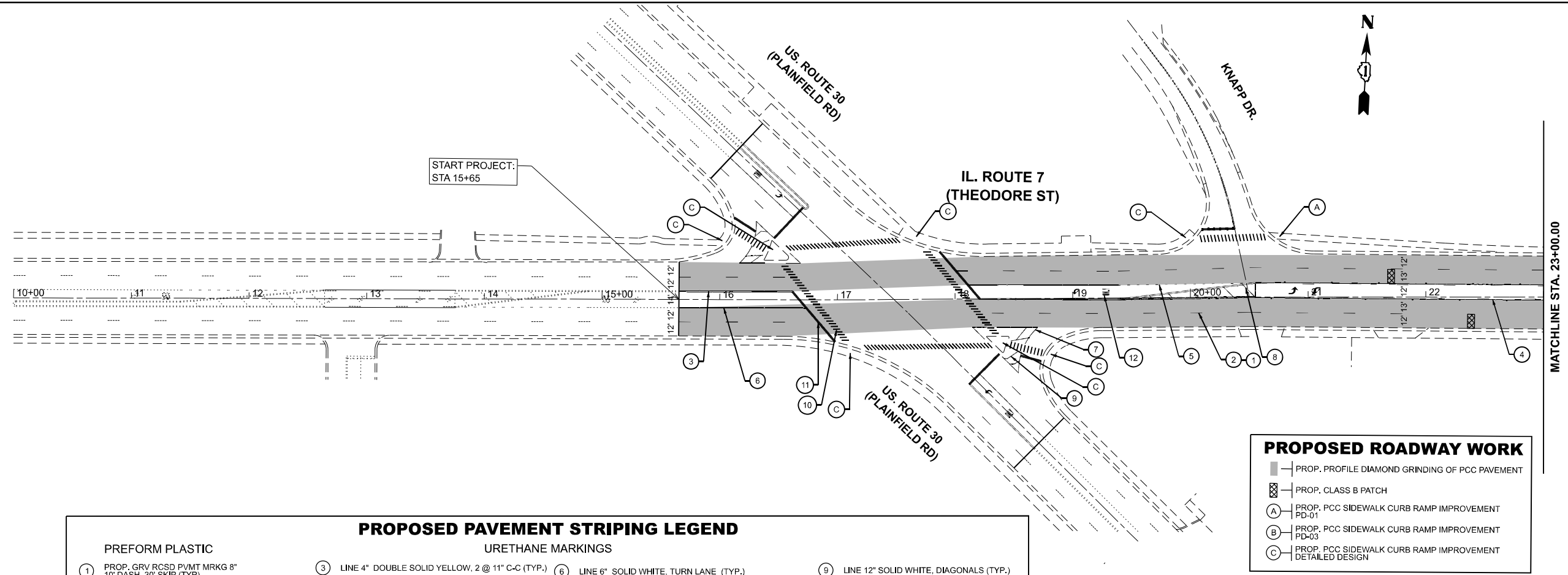
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PLOT DATE = 1/28/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
ILL 7 (US 30 TO IL 53)**

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

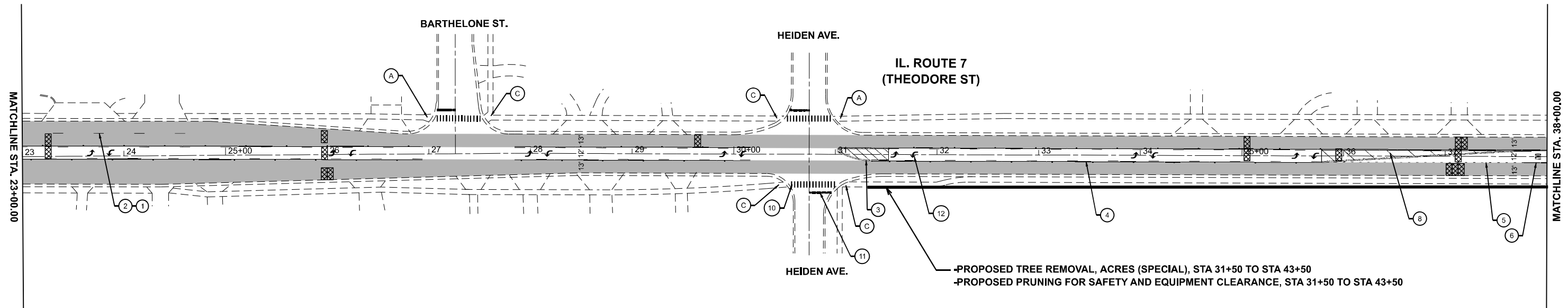
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	



PREFORM PLASTIC		PROPOSED PAVEMENT STRIPING LEGEND			
		URETHANE MARKINGS			
1	PROP. GRV RCSD PVMT MRKG 8" 10' DASH, 30' SKIP (TYP)	3	LINE 4" DOUBLE SOLID YELLOW, 2 @ 11" C-C (TYP.)	6	LINE 6" SOLID WHITE, TURN LANE (TYP.)
2	TYPE D, LINE 7" 10' DASH - 30' SKIP, (TYP.)	4	LINE 4" SINGLE CONTINUOUS AND SINGLE 10' DASH - 30' SKIP, YELLOW (TYP.)	7	LINE 8" SOLID WHITE (TYP.)
		5	LINE 6" SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)	8	LINE 12", YELLOW PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
				9	LINE 12" SOLID WHITE, DIAGONALS (TYP.)
				10	LINE 12" SOLID WHITE, LONGITUDINAL BAR CROSSWALK (TYP.)
				11	LINE 24" SOLID WHITE STOP BAR (TYP.)
				12	LETTERS & SYMBOLS, SOLID, WHITE (TYP)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

PROPOSED ROADWAY WORK	
[Symbol]	PROP. PROFILE DIAMOND GRINDING OF PCC PAVEMENT
[Symbol]	PROP. CLASS B PATCH
(A)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-01
(B)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-03
(C)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT DETAILED DESIGN



-PROPOSED TREE REMOVAL, ACRES (SPECIAL), STA 31+50 TO STA 43+50
 -PROPOSED PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE, STA 31+50 TO STA 43+50

MODEL: ILL 7_E - Rdwy Plan 1 [Sheet]
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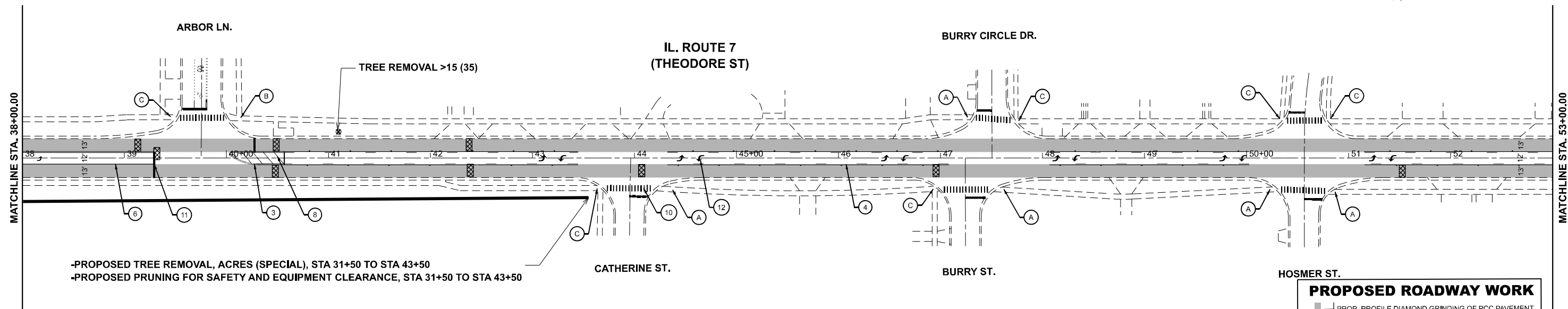
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/13/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLAN
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 8+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	6
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



-PROPOSED TREE REMOVAL, ACRES (SPECIAL), STA 31+50 TO STA 43+50
 -PROPOSED PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE, STA 31+50 TO STA 43+50

PROPOSED ROADWAY WORK

- ▬ PROP. PROFILE DIAMOND GRINDING OF PCC PAVEMENT
- ▨ PROP. CLASS B PATCH
- (A) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-01
- (B) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-03
- (C) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT DETAILED DESIGN

PROPOSED PAVEMENT STRIPING LEGEND

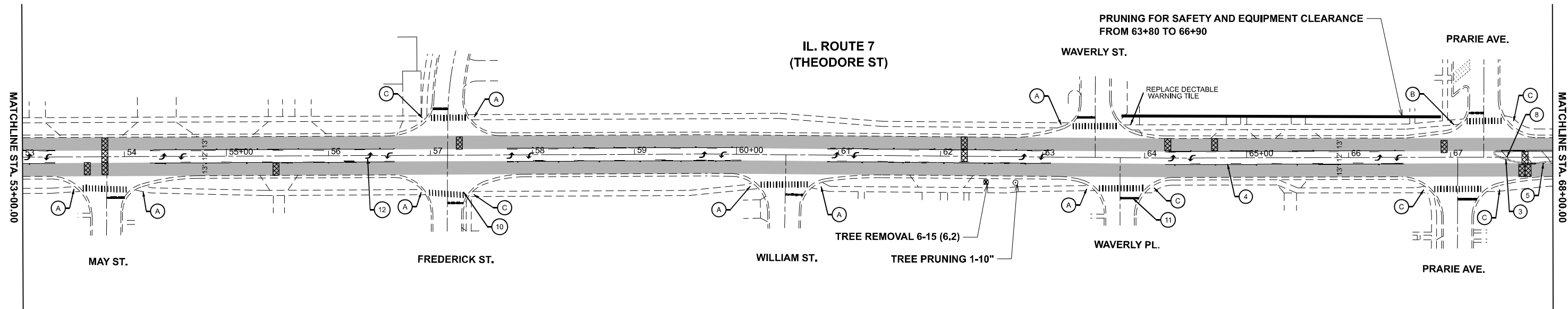
PREFORM PLASTIC,

- ① PROP. GRV. RCSD PVMT MRKG 8" 10' DASH, 30' SKIP (TYP)
- ② TYPE D LINE 7" 10' DASH - 30' SKIP, (TYP.)

URETHANE MARKINGS

- ③ LINE 4" DOUBLE SOLID YELLOW, 2 @ 11" C-C (TYP.)
- ④ LINE 4" SINGLE CONTINUOUS AND SINGLE 10' DASH - 30' SKIP, YELLOW (TYP.)
- ⑤ LINE 6" SKIP-DASH WHITE, 2" DASH - 6' SKIP (TYP.)
- ⑥ LINE 6" SOLID WHITE, TURN LANE (TYP.)
- ⑦ LINE 8" SOLID WHITE (TYP.)
- ⑧ LINE 12", YELLOW PAINTED MEDIAN DIAGONAL, 45°, (TYP.)
- ⑨ LINE 12" SOLID WHITE, DIAGONALS (TYP.)
- ⑩ LINE 12" SOLID WHITE, LONGITUDINAL BAR CROSSWALK (TYP.)
- ⑪ LINE 24" SOLID WHITE STOP BAR (TYP.)
- ⑫ LETTERS & SYMBOLS, SOLID, WHITE (TYP)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.



PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE FROM 63+80 TO 66+90

TREE REMOVAL 6-15 (6.2)

TREE PRUNING 1-10"

MODEL: IL 7_E - Rdwy Plan 3 (Sheet) FILE NAME: C:\p\work\16425-shr-plan.dgn

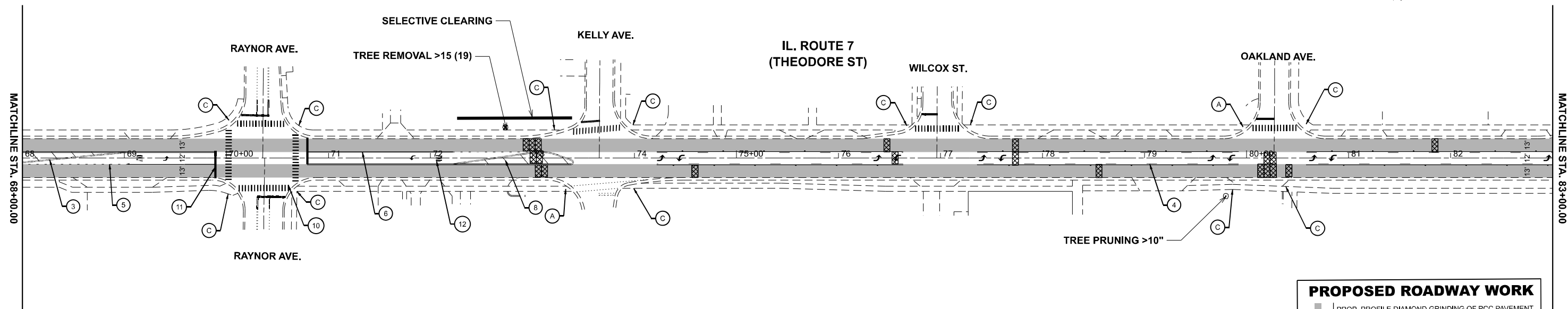
USER NAME = connor,mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/13/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLAN
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 38+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	7
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



PROPOSED ROADWAY WORK

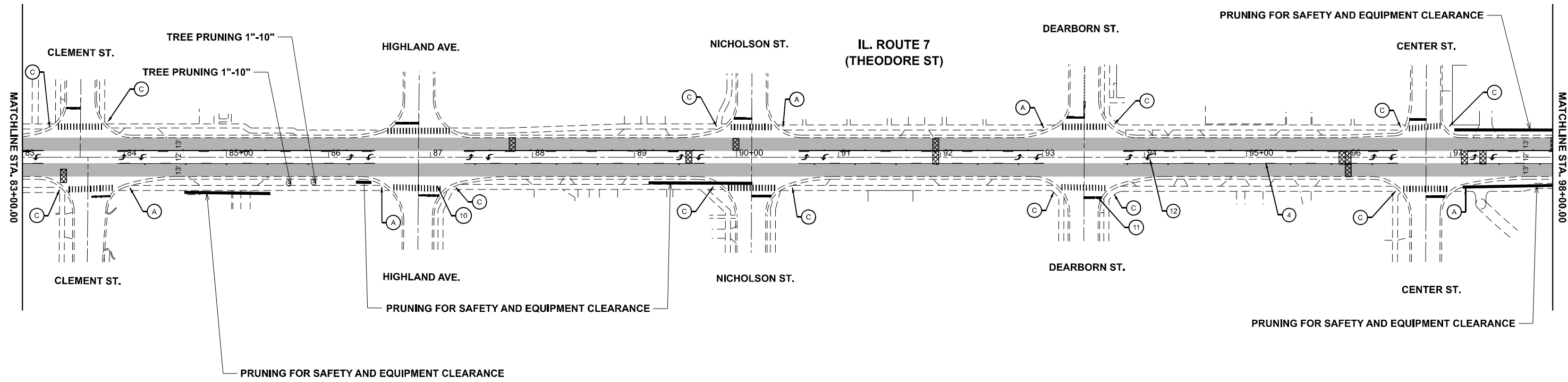
- ▬ PROP. PROFILE DIAMOND GRINDING OF PCC PAVEMENT
- ▨ PROP. CLASS B PATCH
- (A) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-01
- (B) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-03
- (C) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT DETAILED DESIGN

PROPOSED PAVEMENT STRIPING LEGEND

PREFORM PLASTIC, URETHANE MARKINGS

(1) PROP. GRV RCSD PVMT MRKG 8" 10' DASH, 30' SKIP (TYP.)	(3) LINE 4" DOUBLE SOLID YELLOW, 2 @ 11" C-C (TYP.)	(6) LINE 6" SOLID WHITE, TURN LANE (TYP.)	(9) LINE 12" SOLID WHITE, DIAGONALS (TYP.)
(2) TYPE D, LINE 7" 10' DASH - 30' SKIP, (TYP.)	(4) LINE 4" SINGLE CONTINUOUS AND SINGLE 10' DASH - 30' SKIP, YELLOW (TYP.)	(7) LINE 8" SOLID WHITE (TYP.)	(10) LINE 12" SOLID WHITE, LONGITUDINAL BAR CROSSWALK (TYP.)
	(5) LINE 6" SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)	(8) LINE 12", YELLOW PAINTED MEDIAN DIAGONAL, 45°, (TYP.)	(11) LINE 24" SOLID WHITE STOP BAR (TYP.)
			(12) LETTERS & SYMBOLS, SOLID, WHITE (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.



MODEL: IL 7_E - Rdwy Plan 5 (Sheet)
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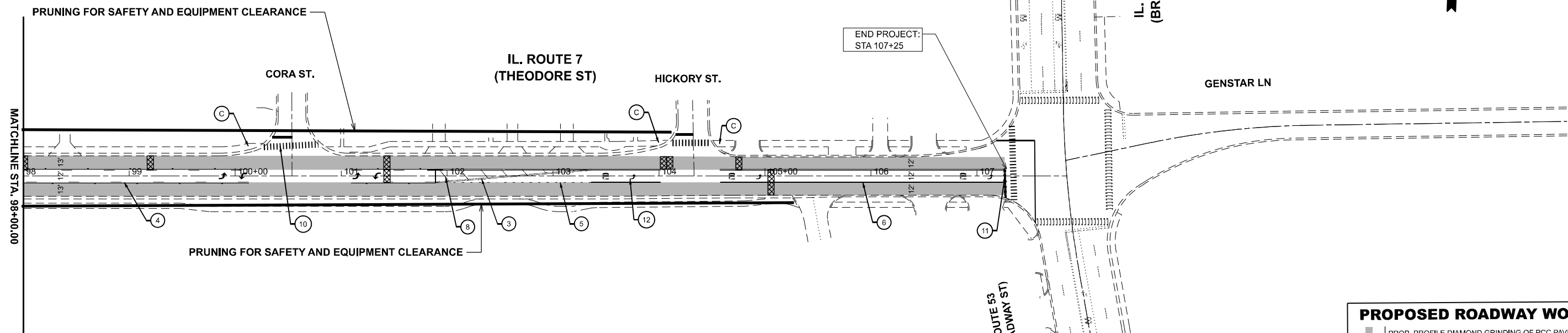
USER NAME = connor,mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/13/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLAN
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 68+00.00 TO STA. 98+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	8
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



PREFORM PLASTIC,		URETHANE MARKINGS					
①	PROP. GRV. RCSD PVMT MRKG 8" 10' DASH, 30' SKIP (TYP.)	③	LINE 4" DOUBLE SOLID YELLOW, 2 @ 11" C-C (TYP.)	⑥	LINE 6" SOLID WHITE, TURN LANE (TYP.)	⑨	LINE 12" SOLID WHITE, DIAGONALS (TYP.)
②	TYPE D LINE 7" 10' DASH - 30' SKIP (TYP.)	④	LINE 4" SINGLE CONTINUOUS AND SINGLE 10' DASH - 30' SKIP, YELLOW (TYP.)	⑦	LINE 8" SOLID WHITE (TYP.)	⑩	LINE 12" SOLID WHITE, LONGITUDINAL BAR CROSSWALK (TYP.)
		⑤	LINE 6" SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)	⑧	LINE 12", YELLOW PAINTED MEDIAN DIAGONAL, 45°, (TYP.)	⑪	LINE 24" SOLID WHITE STOP BAR (TYP.)
						⑫	LETTERS & SYMBOLS, SOLID, WHITE (TYP.)

INSTALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS PER DISTRICT DETAIL TC-11 AND TC-13.

PROPOSED ROADWAY WORK	
	PROP. PROFILE DIAMOND GRINDING OF PCC PAVEMENT
	PROP. CLASS B PATCH
	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-01
	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-03
	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT DETAILED DESIGN

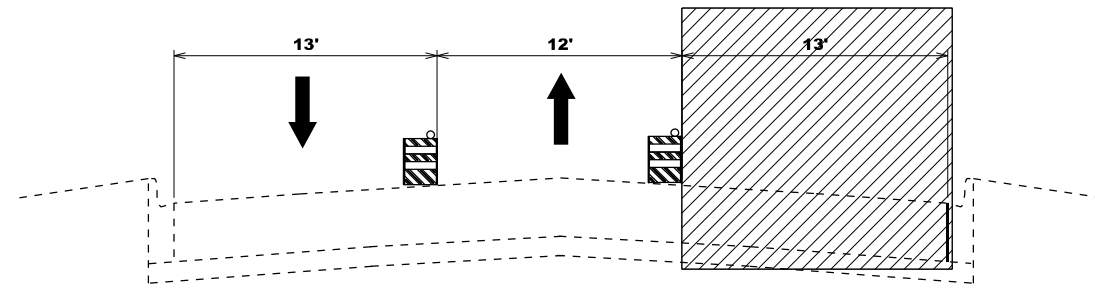
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/13/2026	DATE -	REVISED -

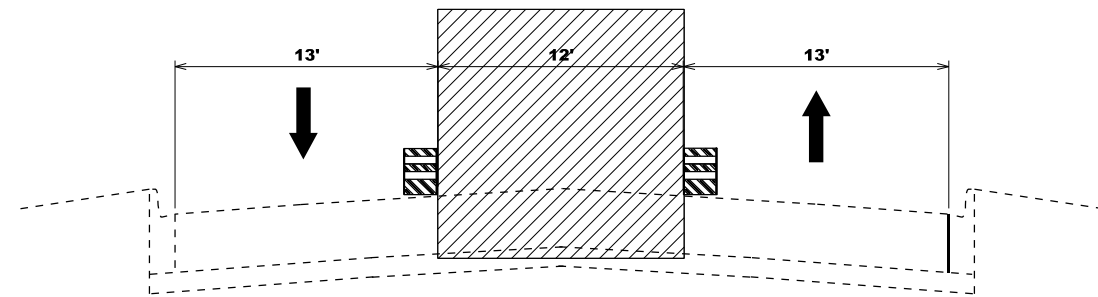
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED ROADWAY AND PAVEMENT MARKING PLAN			
ILL 7 (US 30 TO ILL 53)			
SCALE: 1"=50'	SHEET 4	OF 4 SHEETS	STA. 98+00.00 TO STA. 113+00.00

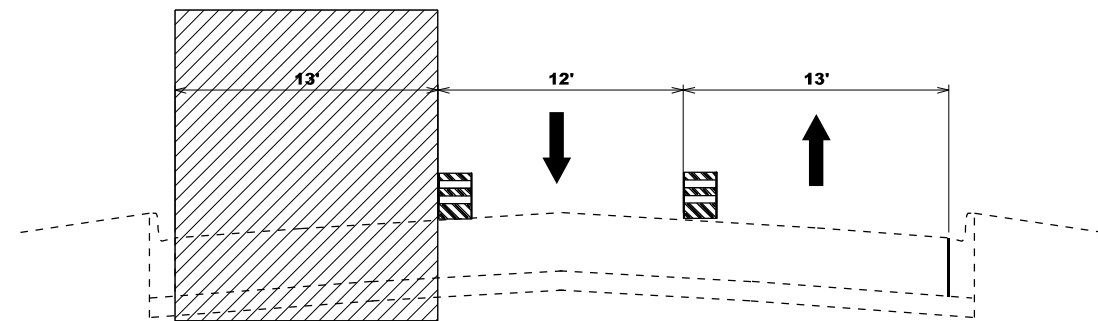
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	9
			CONTRACT NO. 80B05	
		ILLINOIS FED. AID PROJECT		



IL 7 MAINLINE
PROPOSED STAGING
STA26+00 TO STA 107+25 - STAGE 1





IL 7 MAINLINE
PROPOSED STAGING - STAGE 2
STA26+00 TO STA 107+25



IL 7 MAINLINE
PROPOSED STAGING - STAGE 3
STA26+00 TO STA 107+25

LEGEND

-  DRUMS
-  WORK AREA

NOTE:

IN THE CASE THAT A STAGE IS UP FOR MORE THAN 14 DAYS,
TEMPORARY PAVEMENT MARKINGS HAVE BEEN INCLUDED IN THE SOQ
TO BE PLACED DOWN.

MODEL: Staging Typical sheet [Sheet]
FILE NAME: c:\p\work\pav\dot\connor.mullane@illinois.gov\119874\16425-sh1-STAGING TYPICAL.dgn

USER NAME = connor.mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

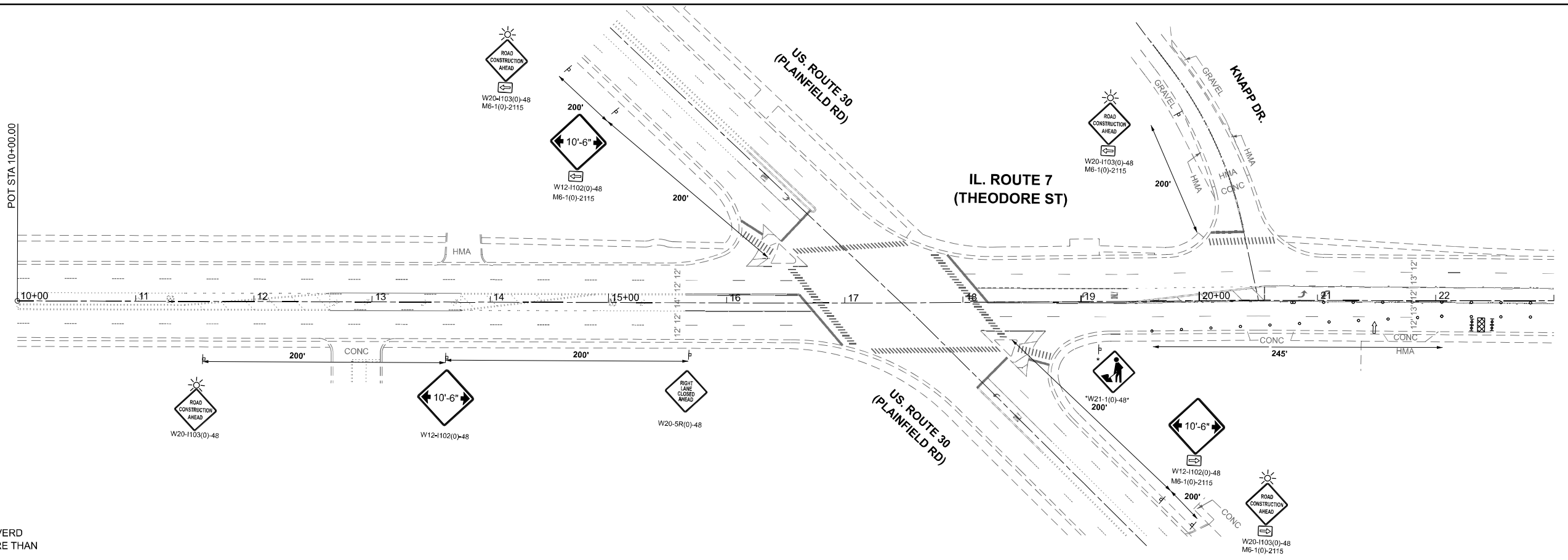
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MOT TYPICAL SECTIONS
ILL 7 (US 30 TO IL 53)**

SCALE: SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	10
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

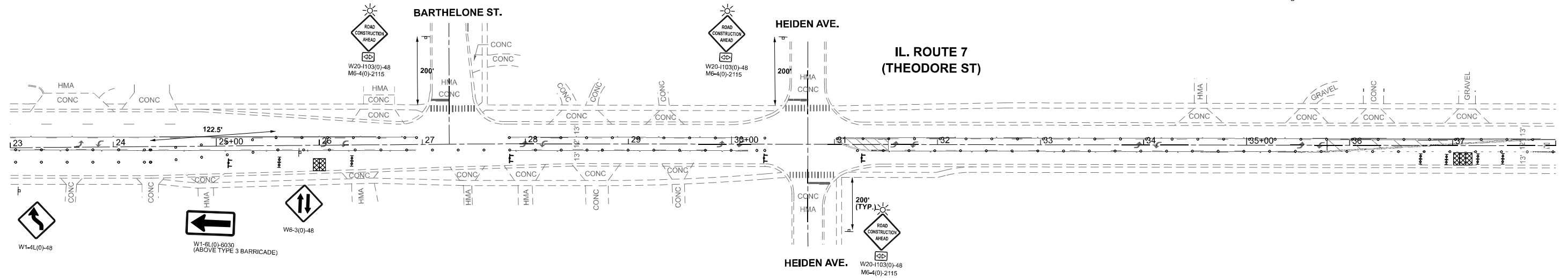
POT STA 10+00.00



NOTE:
SIGN WITH * TO BE REMOVED OR COVERD
WHEN WORKERS ARE GONE FOR MORE THAN
1 HOUR.

LEGEND

- ⊥ BARRICADE OR DRUM WITH FLASHING LIGHT
- BARRICADE, CONE OR DRUM
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ⬆ FLASHING ARROW BOARD



MODEL: ILL 7_E-1_staging (Sheet)
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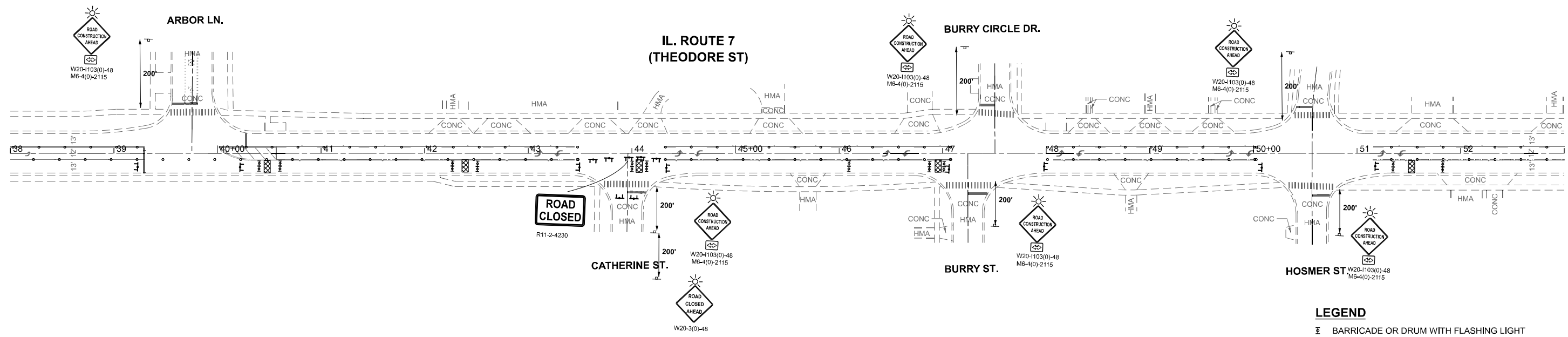
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	CHECKED -	REVISED -
PLOT DATE = 2/24/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 1)
ILL 7 (US 30 TO ILL 53)**

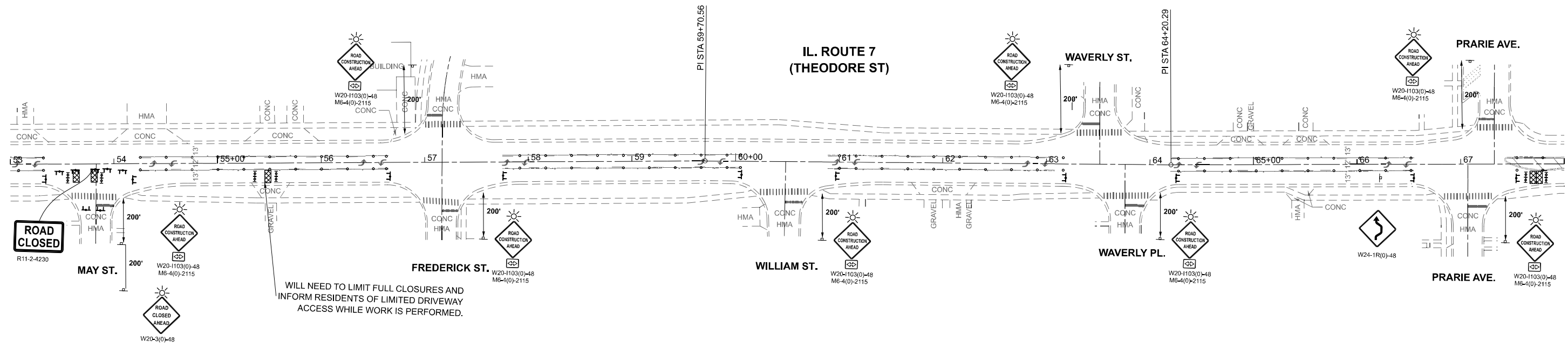
SCALE: 1"=50' SHEET 2 OF 13 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	11
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



NOTE:
SIDEROAD CLOSURES TO BE ENACTED
ONLY WHEN ROADWAY OBSTRUCTIONS
WILL REMAIN OVERNIGHT

- LEGEND**
- ⊥ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ↑ FLASHING ARROW BOARD



WILL NEED TO LIMIT FULL CLOSURES AND
INFORM RESIDENTS OF LIMITED DRIVEWAY
ACCESS WHILE WORK IS PERFORMED.

MODEL: IL 7_E-1_staging-2 (Sheet)
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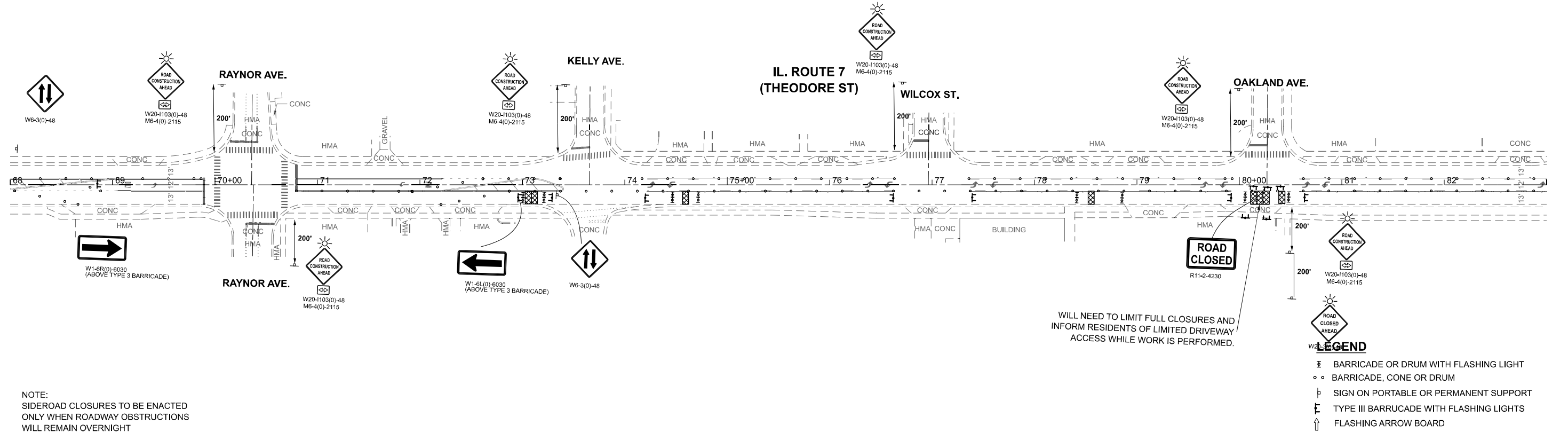
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PLOT DATE =	3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 1)
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 3 OF 13 SHEETS STA. 40+00.00 TO STA. 70+00.00

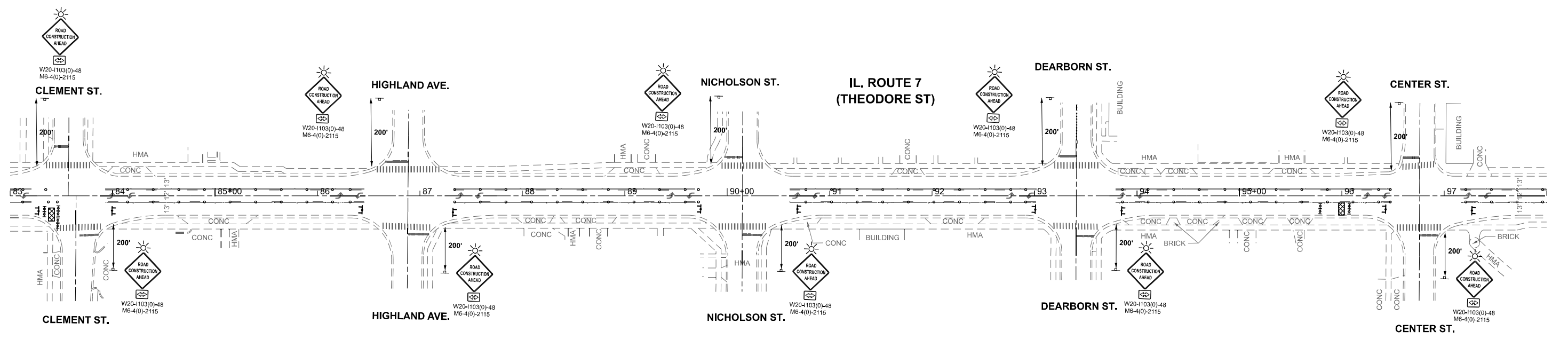
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	12
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



NOTE:
SIDEROAD CLOSURES TO BE ENACTED
ONLY WHEN ROADWAY OBSTRUCTIONS
WILL REMAIN OVERNIGHT

WILL NEED TO LIMIT FULL CLOSURES AND
INFORM RESIDENTS OF LIMITED DRIVEWAY
ACCESS WHILE WORK IS PERFORMED.

- LEGEND**
- ⊥ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
 - ⬆ FLASHING ARROW BOARD



MODEL: ILL 7_E-1_staging-4 (Sheet)
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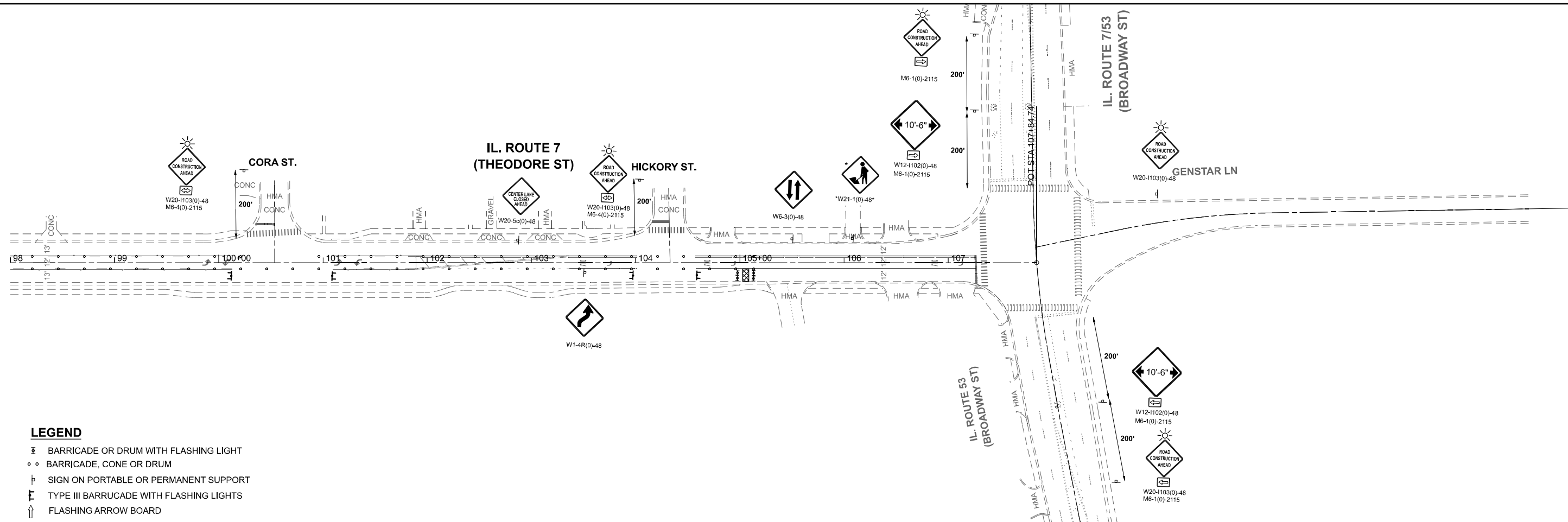
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PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 1)
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 4 OF 13 SHEETS STA. 70+00.00 TO STA. 100+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	13
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



LEGEND

- ⊘ BARRICADE OR DRUM WITH FLASHING LIGHT
- BARRICADE, CONE OR DRUM
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- ↑ FLASHING ARROW BOARD

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

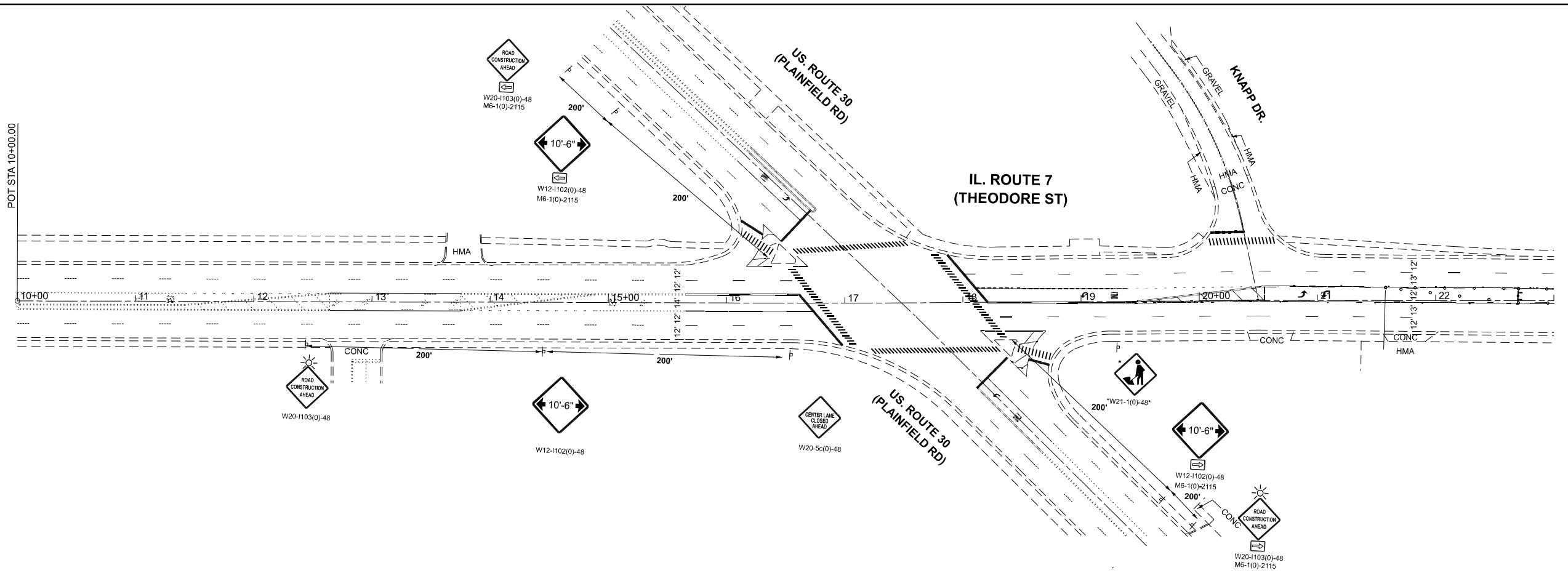
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGING PLAN (STAGE 1)
ILL 7 (US 30 TO ILL 53)

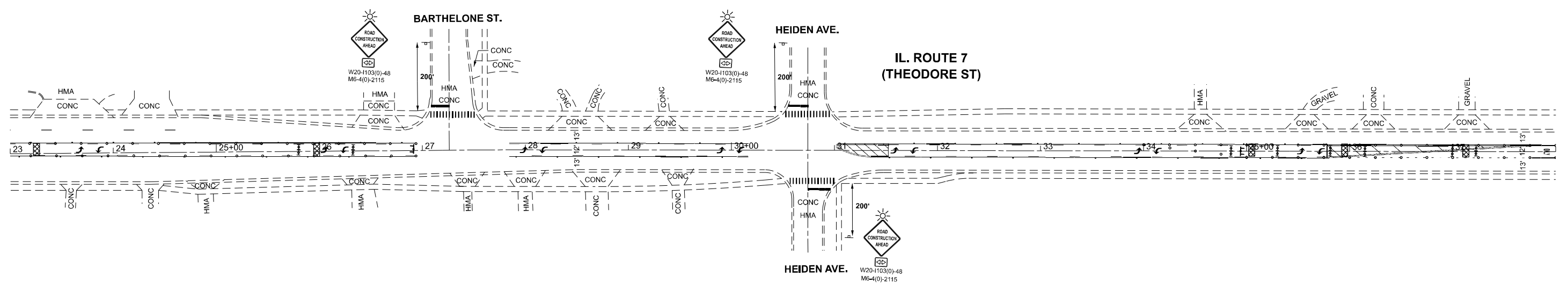
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	14
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

POT STA 10+00.00



- LEGEND**
- ▬ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS



MODEL: ILL 7_E-1_2_staging (Sheet)
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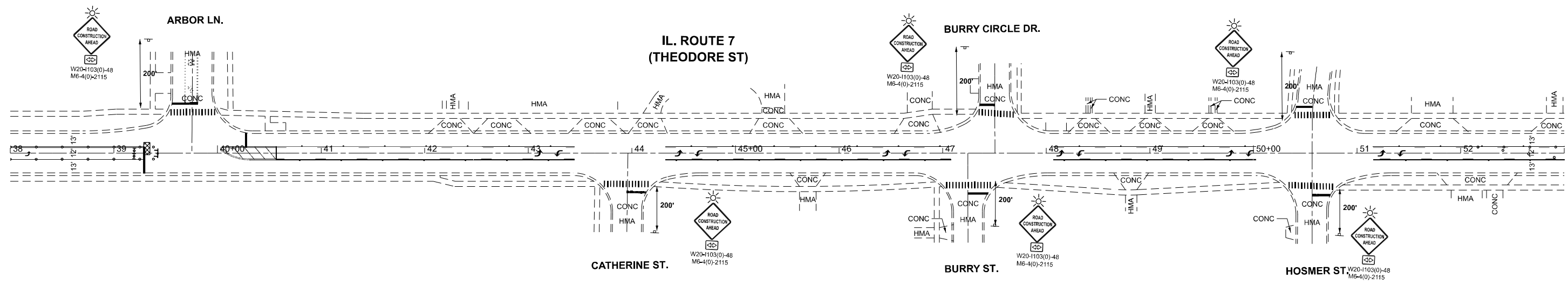
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PLOT DATE = 1/28/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

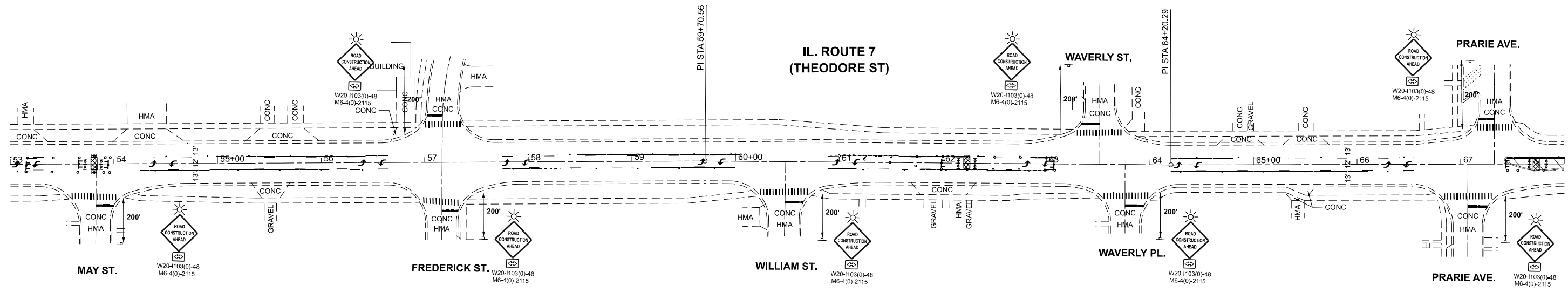
**STAGING PLAN (STAGE 2)
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 6 OF 13 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	15
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ⊥ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS



MODEL: IL 7_E-1_2 staging-2 (Sheet)
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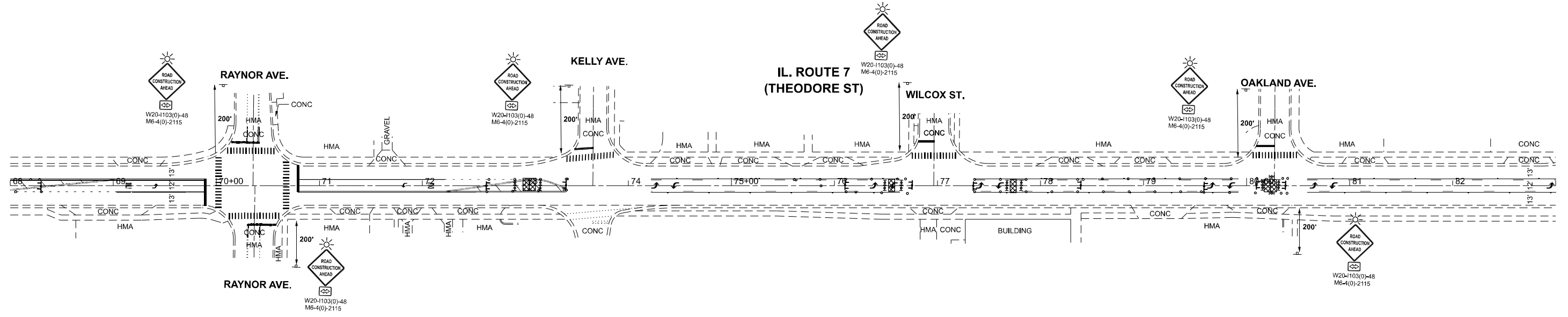
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

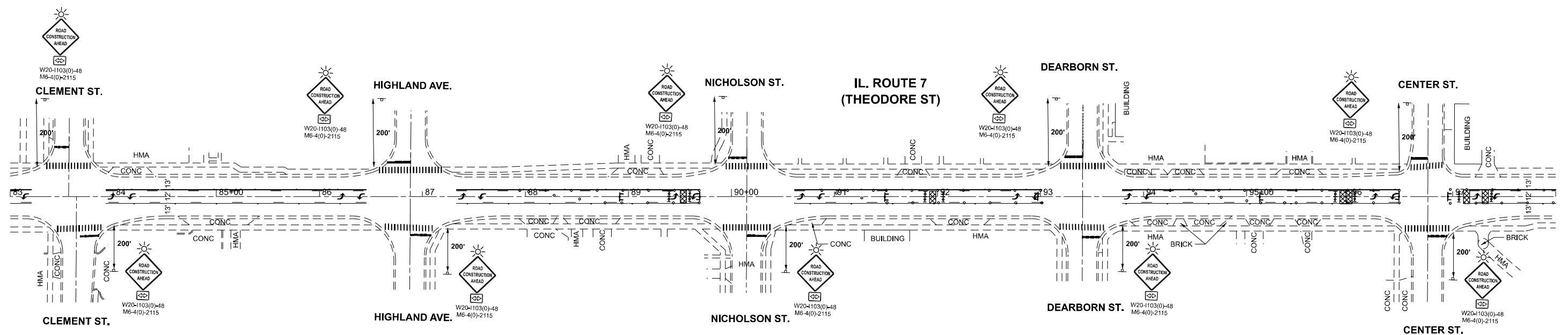
STAGING PLAN (STAGE 2)
ILL 7 (US 30 TO ILL 53)

SCALE: 1"=50' SHEET 7 OF 13 SHEETS STA. 40+00.00 TO STA. 70+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	16
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ▬ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS



MODEL: ILL 7_E-1_2_staging-4 [Sheet]
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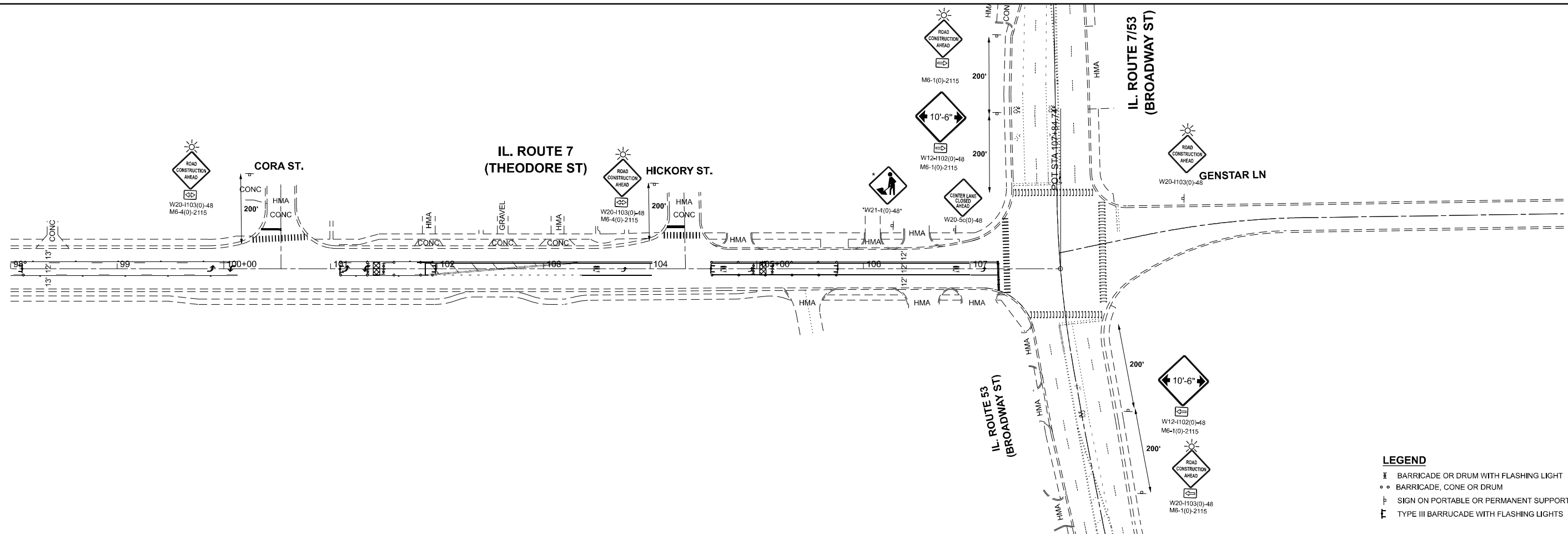
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN (STAGE 2)
ILL 7 (US 30 TO ILL 53)

SCALE: 1"=50' SHEET 8 OF 13 SHEETS STA. 70+00.00 TO STA. 100+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	17
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



LEGEND

- ⊘ BARRICADE OR DRUM WITH FLASHING LIGHT
- BARRICADE, CONE OR DRUM
- ⊢ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊣ TYPE III BARRICADE WITH FLASHING LIGHTS

MODEL: IL7_E-1_2_staging-6 [Sheet]
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USER NAME = connor.mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

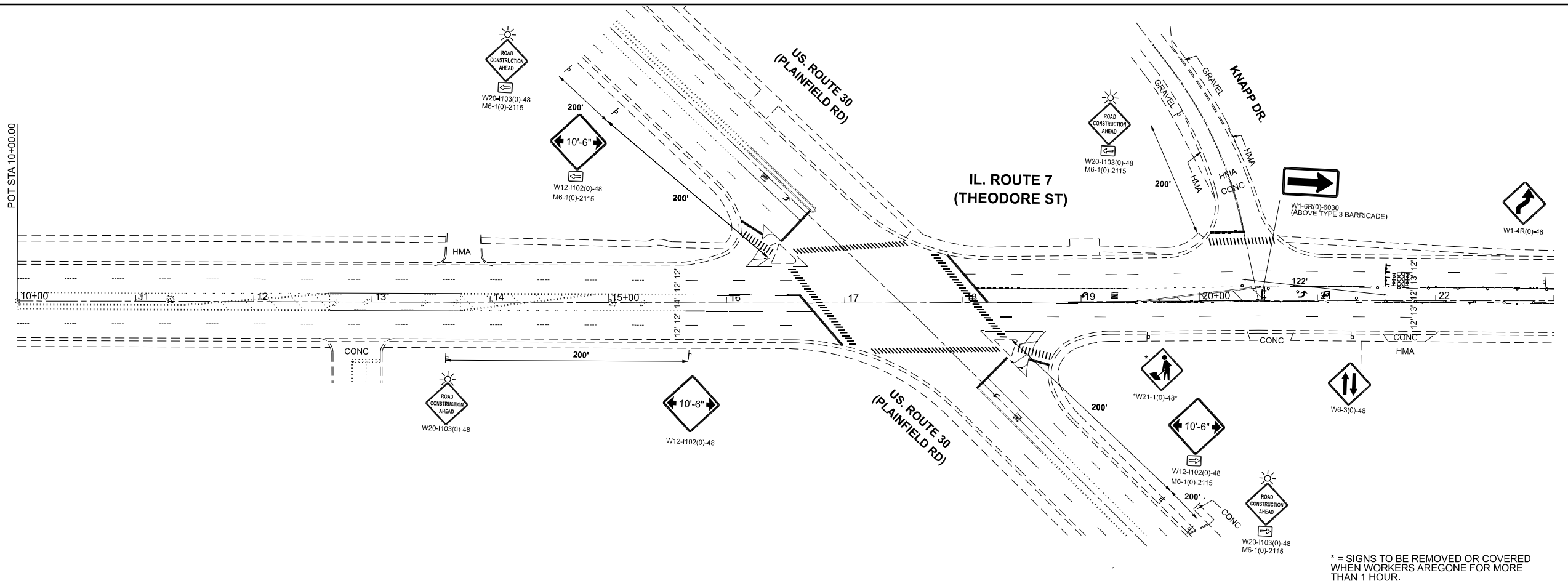
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN (STAGE 2)
ILL 7 (US 30 TO ILL 53)

SCALE: 1"=50' SHEET 9 OF 13 SHEETS STA. 100+00.00 TO STA. 115+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	18
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

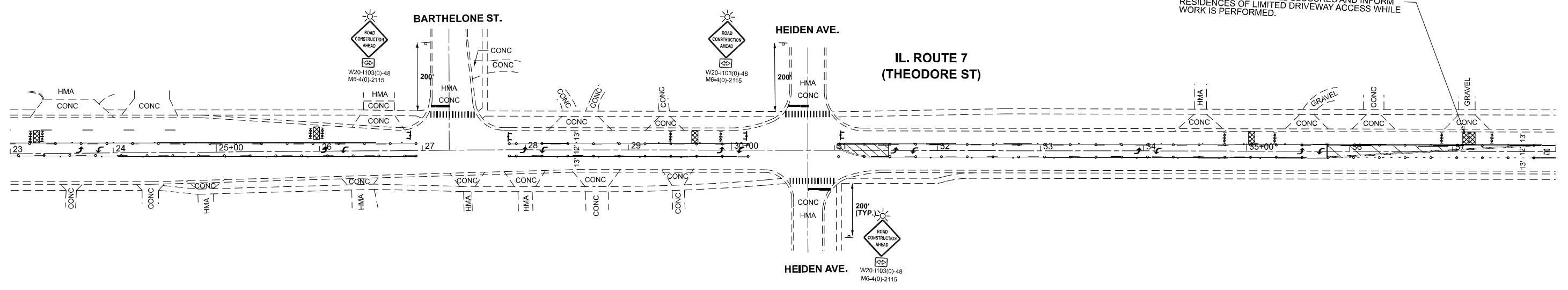
POT STA 10+00.00



* = SIGNS TO BE REMOVED OR COVERED WHEN WORKERS ARE GONE FOR MORE THAN 1 HOUR.

- LEGEND**
- ⊠ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊞ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊞ TYPE III BARRICADE WITH FLASHING LIGHTS

WILL NEED TO LIMIT FULL CLOSURES AND INFORM RESIDENCES OF LIMITED DRIVEWAY ACCESS WHILE WORK IS PERFORMED.



MODEL: ILL 7_E - 3 Staging (Sheet)
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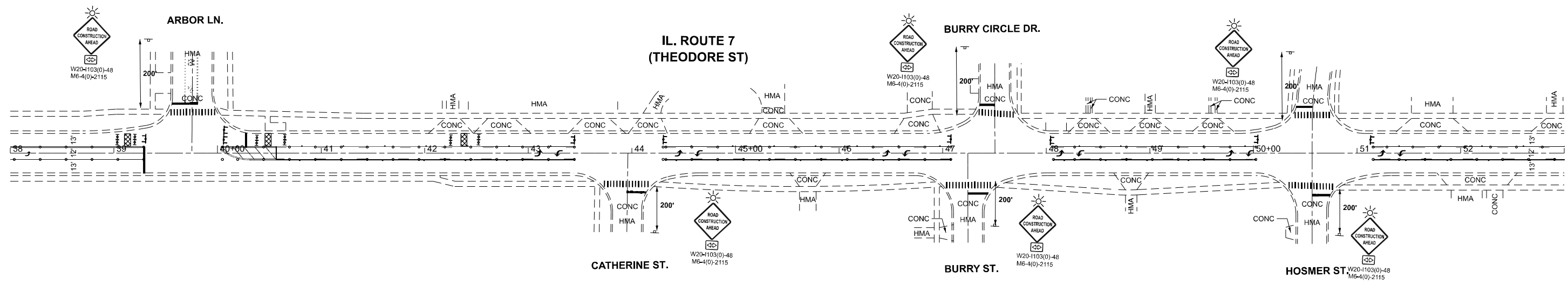
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PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 3)
ILL 7 (US 30 TO ILL 53)**

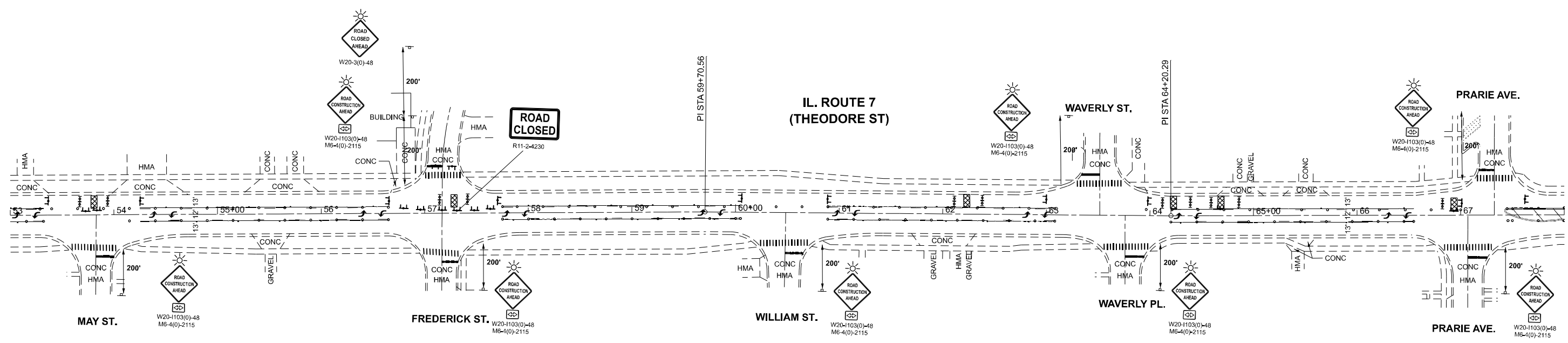
SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. 10+00.00 TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	19
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



LEGEND

- ☒ BARRICADE OR DRUM WITH FLASHING LIGHT
- ○ BARRICADE, CONE OR DRUM
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ☒ TYPE III BARRICADE WITH FLASHING LIGHTS



NOTE:
SIDEROAD CLOSURES TO BE ENACTED
ONLY WHEN ROADWAY OBSTRUCTIONS
WILL REMAIN OVERNIGHT

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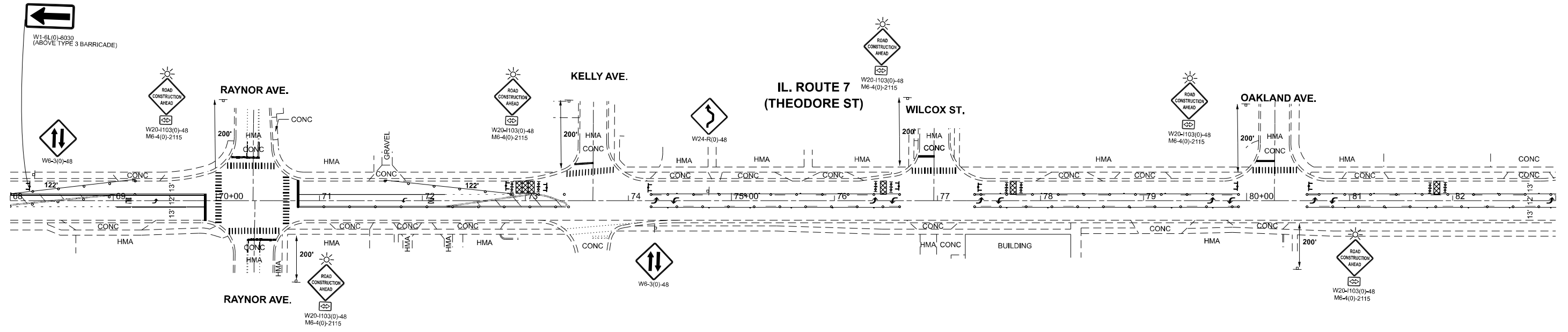
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PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

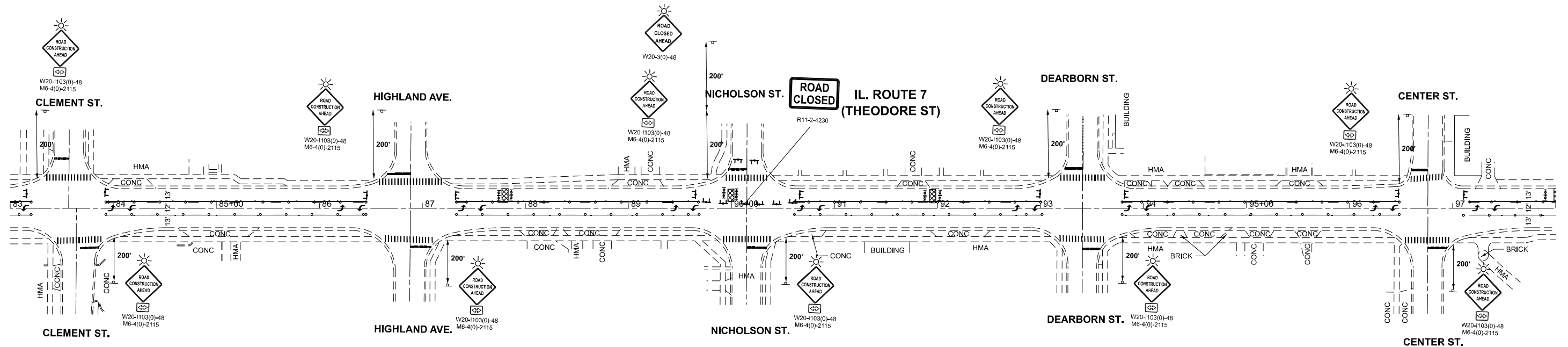
**SUGGESTED STAGING PLAN (STAGE 3)
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 11 OF 13 SHEETS STA. 40+00.00 TO STA. 70+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	20
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ⊥ BARRICADE OR DRUM WITH FLASHING LIGHT
 - BARRICADE, CONE OR DRUM
 - ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
 - ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS



NOTE:
SIDEROAD CLOSURES TO BE ENACTED
ONLY WHEN ROADWAY OBSTRUCTIONS
WILL REMAIN OVERNIGHT

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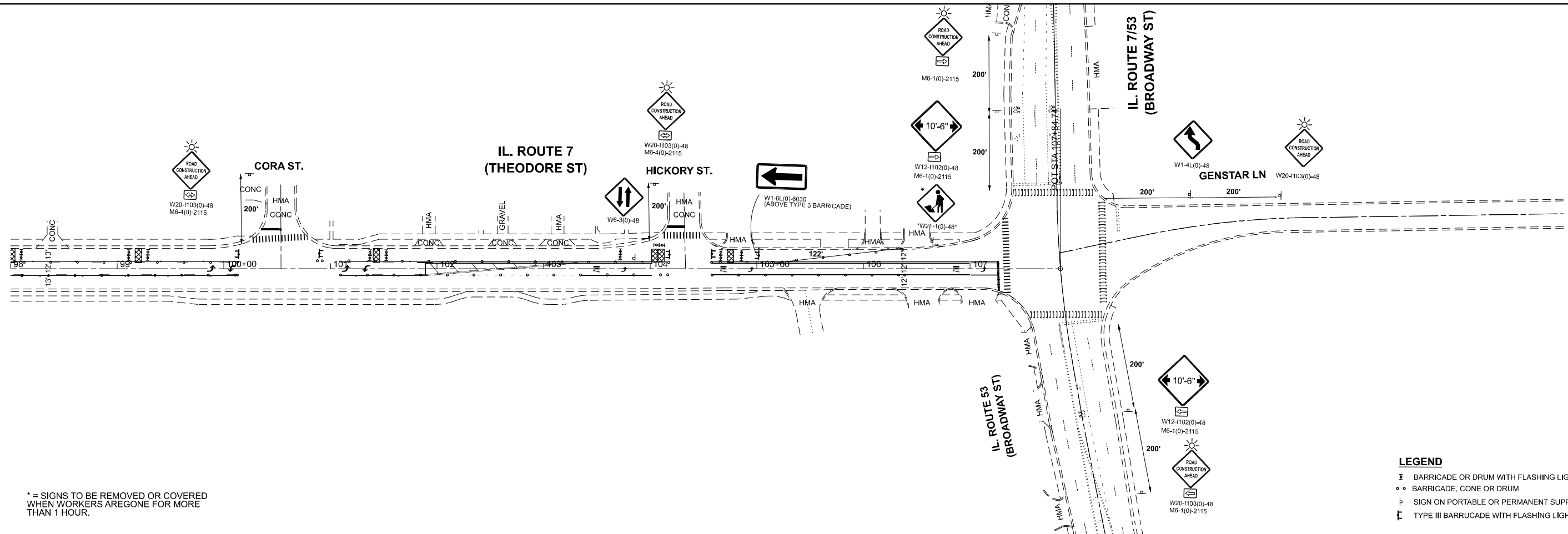
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	CHECKED -	REVISED -
PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 3)
ILL 7 (US 30 TO ILL 53)**

SCALE: 1"=50' SHEET 12 OF 13 SHEETS STA. 70+00.00 TO STA. 100+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	21
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



* = SIGNS TO BE REMOVED OR COVERED WHEN WORKERS ARE GONE FOR MORE THAN 1 HOUR.

LEGEND

- ▬ BARRICADE OR DRUM WITH FLASHING LIGHT
- BARRICADE, CONE OR DRUM
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS

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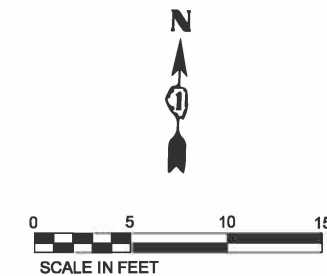
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN (STAGE 3)
ILL 7 (US 30 TO ILL 53)**

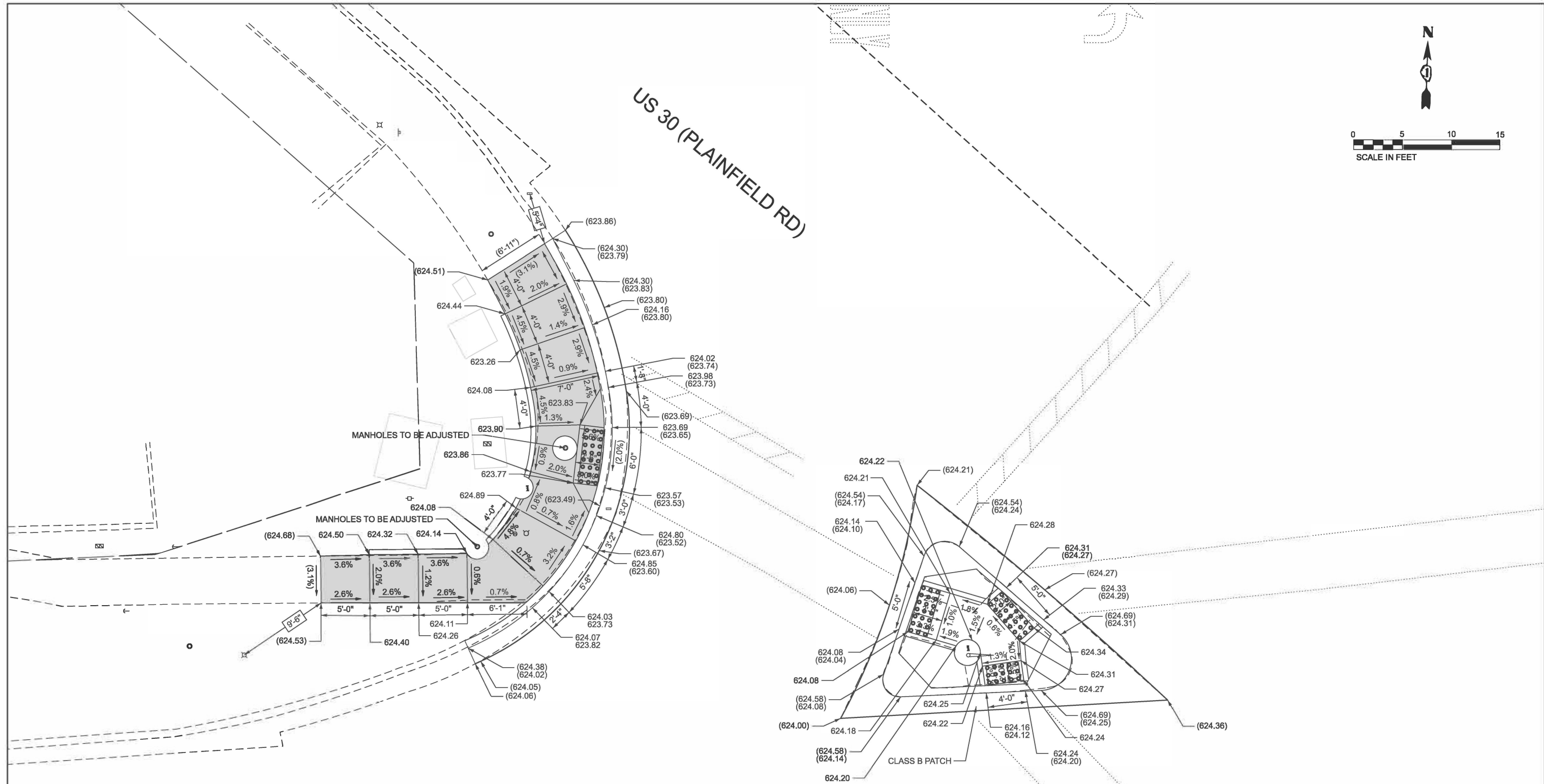
SCALE: 1"=50' SHEET 13 OF 13 SHEETS STA. 100+00.00 TO STA. 115+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	22
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



US 30 (PLAINFIELD RD)

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 625.20
 BENCHMARK: SQUARE CUT @ TRAFFIC SIGNAL BOX
 LOCATION: NW INTXN - SOUTHERNLY CONCRETE SLAB
 N: 1779389.767
 E: 1042186.463'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Stippled Box]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Box]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Cross-hatched Box]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatched Box]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Stippled Box]	CLASS B PATCH	[Dotted Box]	PCC DRIVEWAY
[Dotted Box]	CLASS D PATCH		

MODEL: NW (Sheet)
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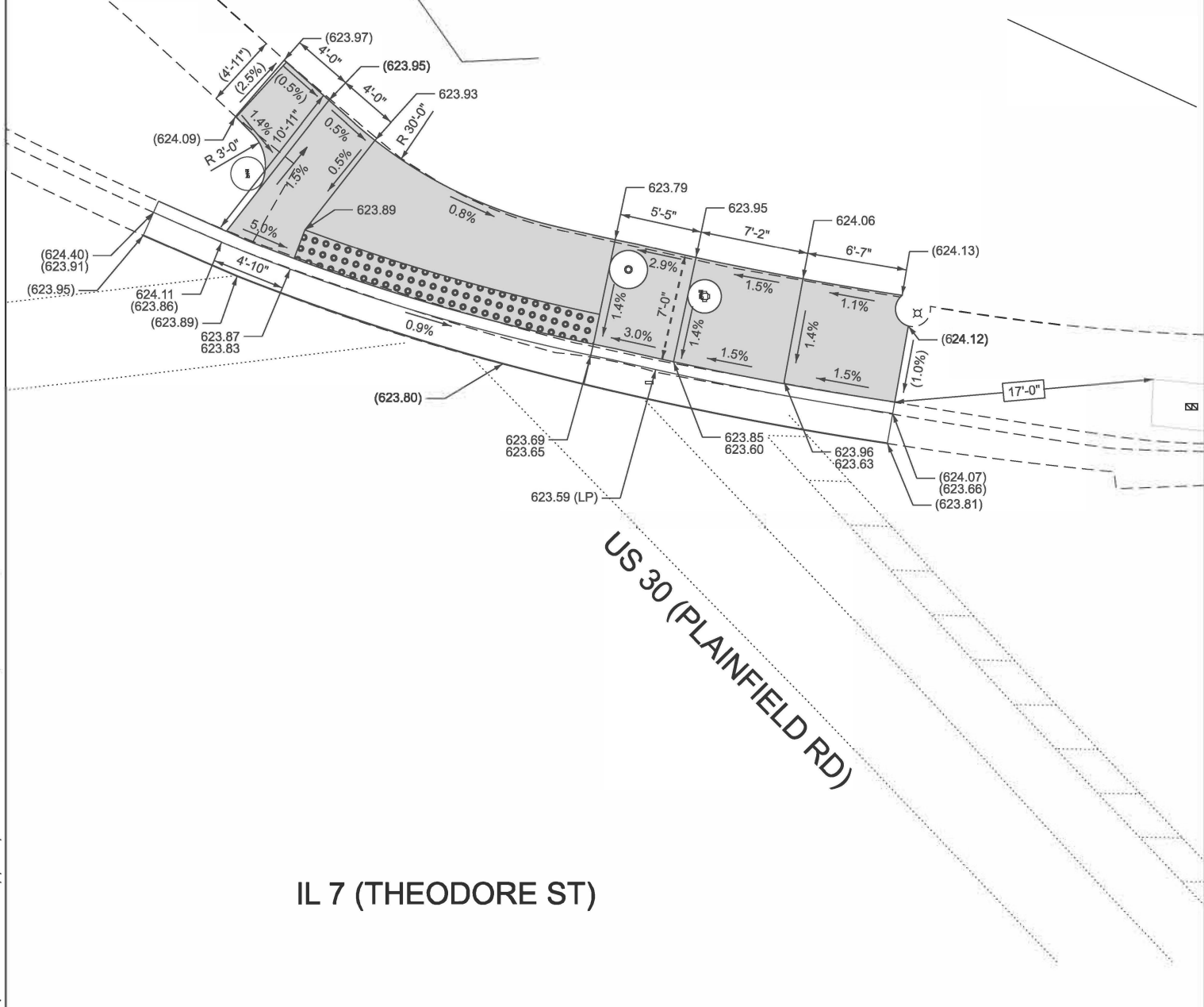
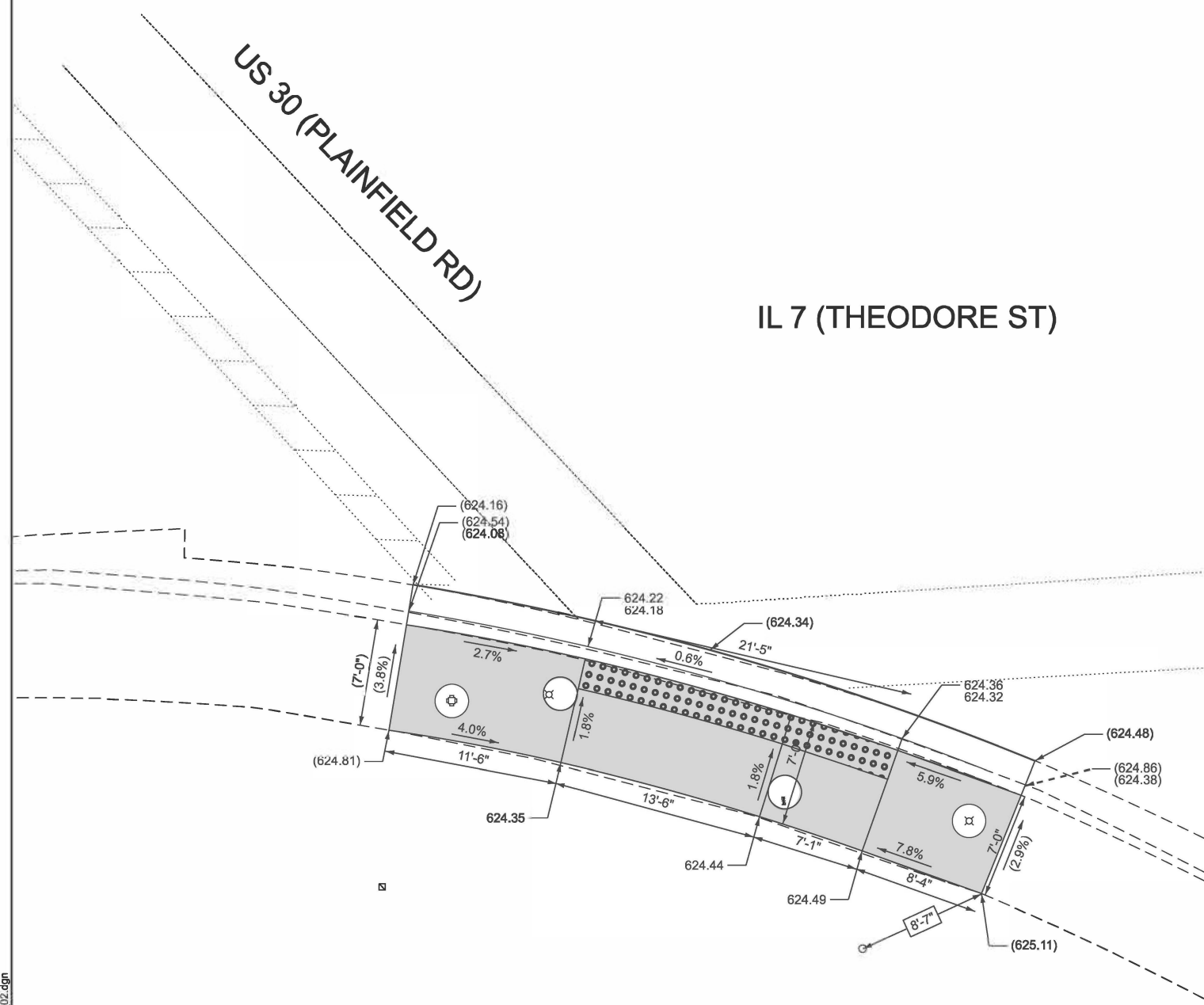
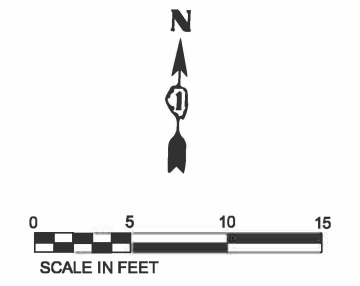
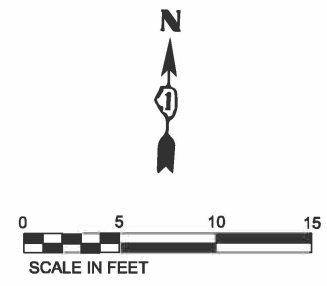
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	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
US30 NW RAMP & ISLAND

SCALE: SHEET 1 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	23
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK: 625.480
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SOUTHWEST INTERSECTION SOUTH OF MANHOLE
 N: 1779265.039'
 E: 1042365.757'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Light Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Dotted Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Pattern]	CLASS B PATCH	[Stippled Pattern]	PCC DRIVEWAY
[Stippled Pattern]	CLASS D PATCH		

MODEL: SW, NE
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USER NAME = TylerD	DESIGNED - BB	REVISED -
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PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

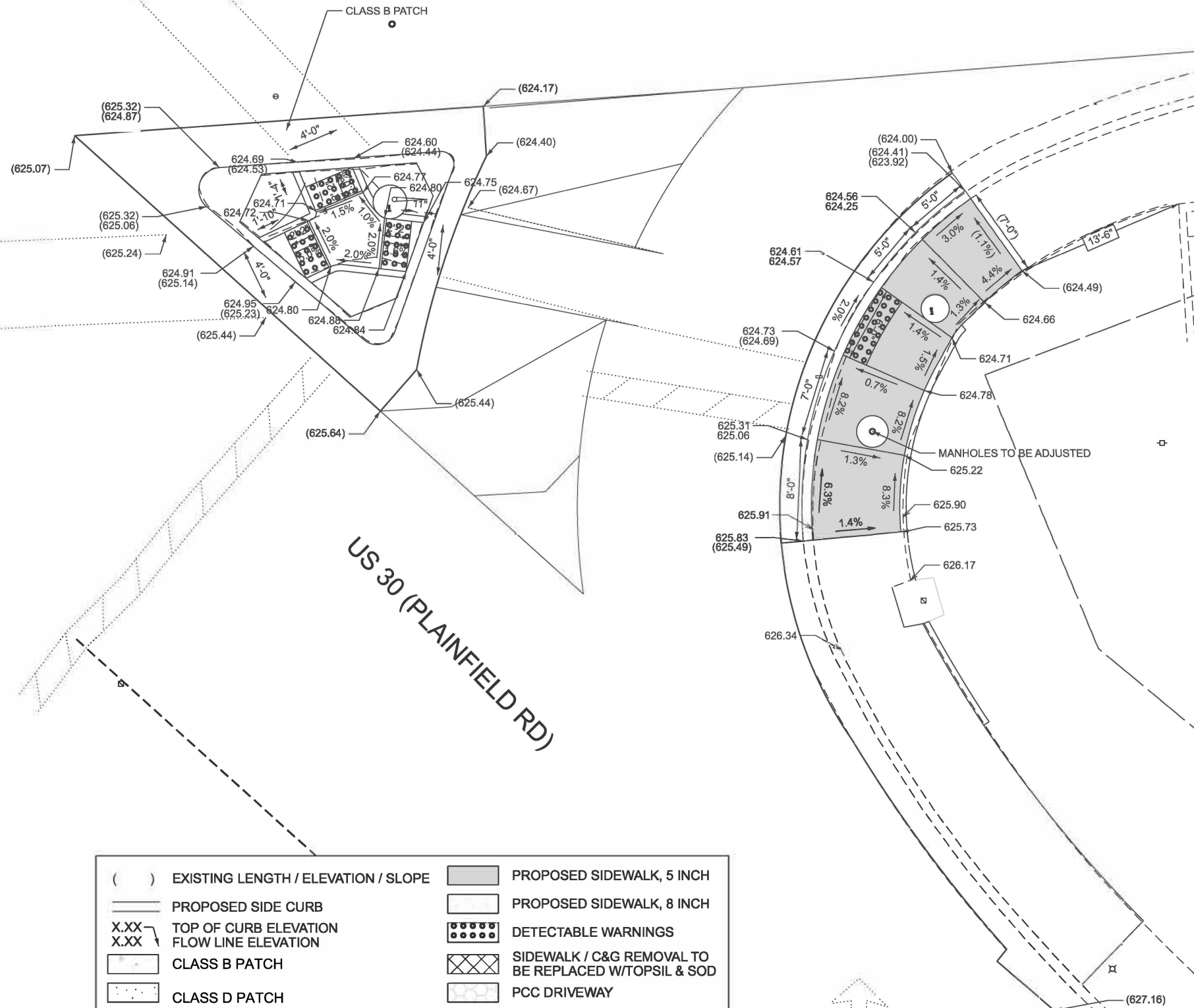
**IL-7 ADA DETAILS
 US30 NE & SW**

SCALE: SHEET 2 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	24
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



IL 7 (THEODORE ST)



()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey Box]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey Box]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Dotted Pattern Box]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch Pattern Box]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Stippled Box]	CLASS B PATCH	[Dotted Pattern Box]	PCC DRIVEWAY
[Dotted Box]	CLASS D PATCH		

REFERENCE BENCHMARK: 625.20
 BENCHMARK: SQUARE CUT @ TRAFFIC SIGNAL BOX
 LOCATION: NW INTXN - SOUTHERNLY CONCRETE SLAB
 N: 1779389.767'
 E: 1042186.463'

REFERENCE BENCHMARK: 625.480
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SW INTXN - SOUTH OF MANHOLE
 N: 1779265.039'
 E: 1042365.757'

MODEL: SE (Sheet)
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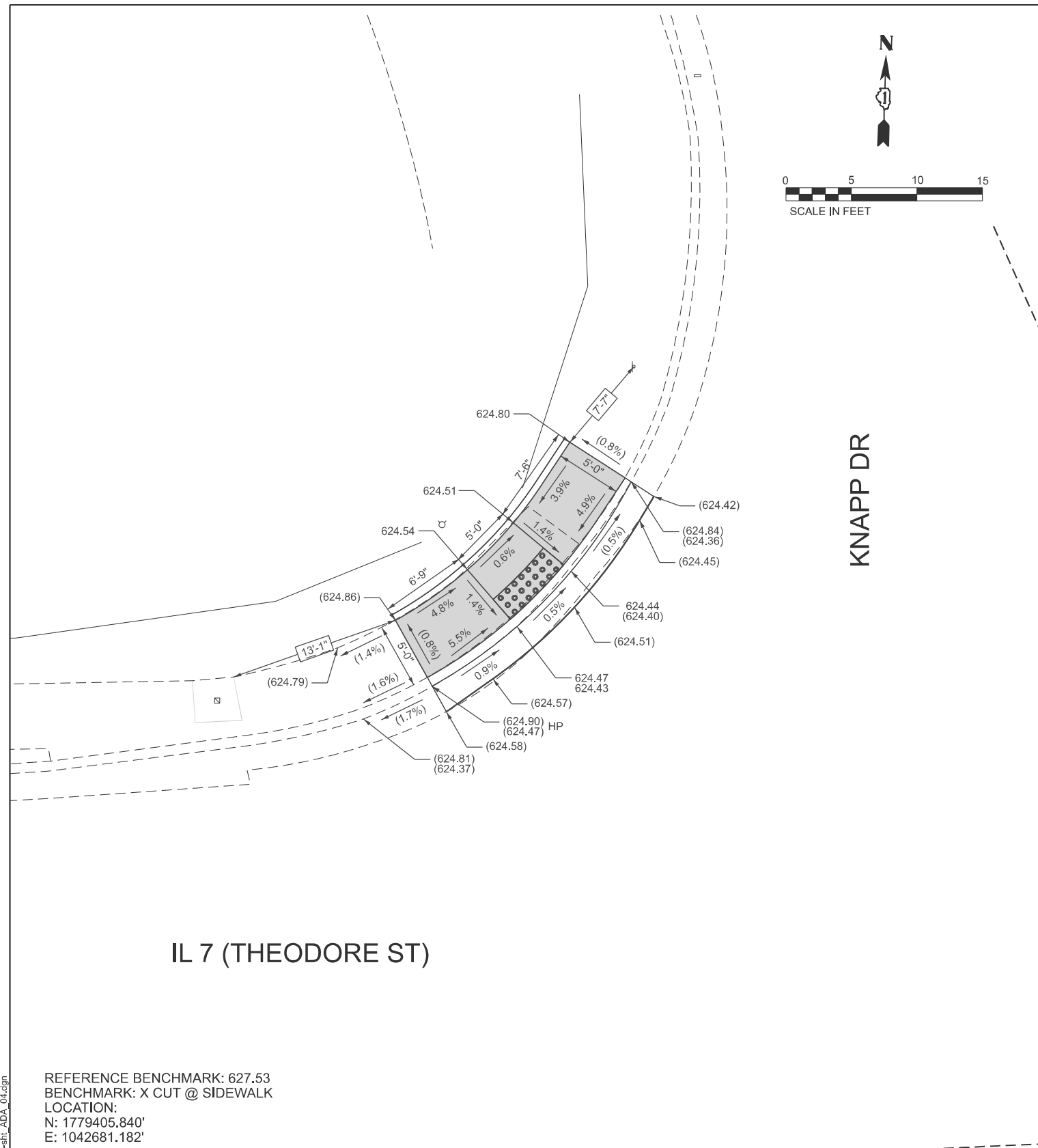
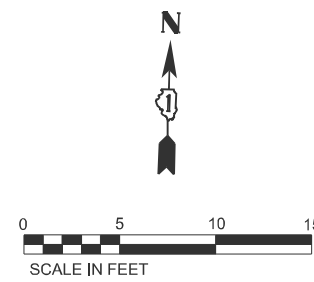
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PLOT DATE =	02/27/2026	DATE -	2024/07/01	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 US30 SE RAMP & MEDIAN

SCALE: SHEET 3 OF 31 SHEETS STA. TO STA.

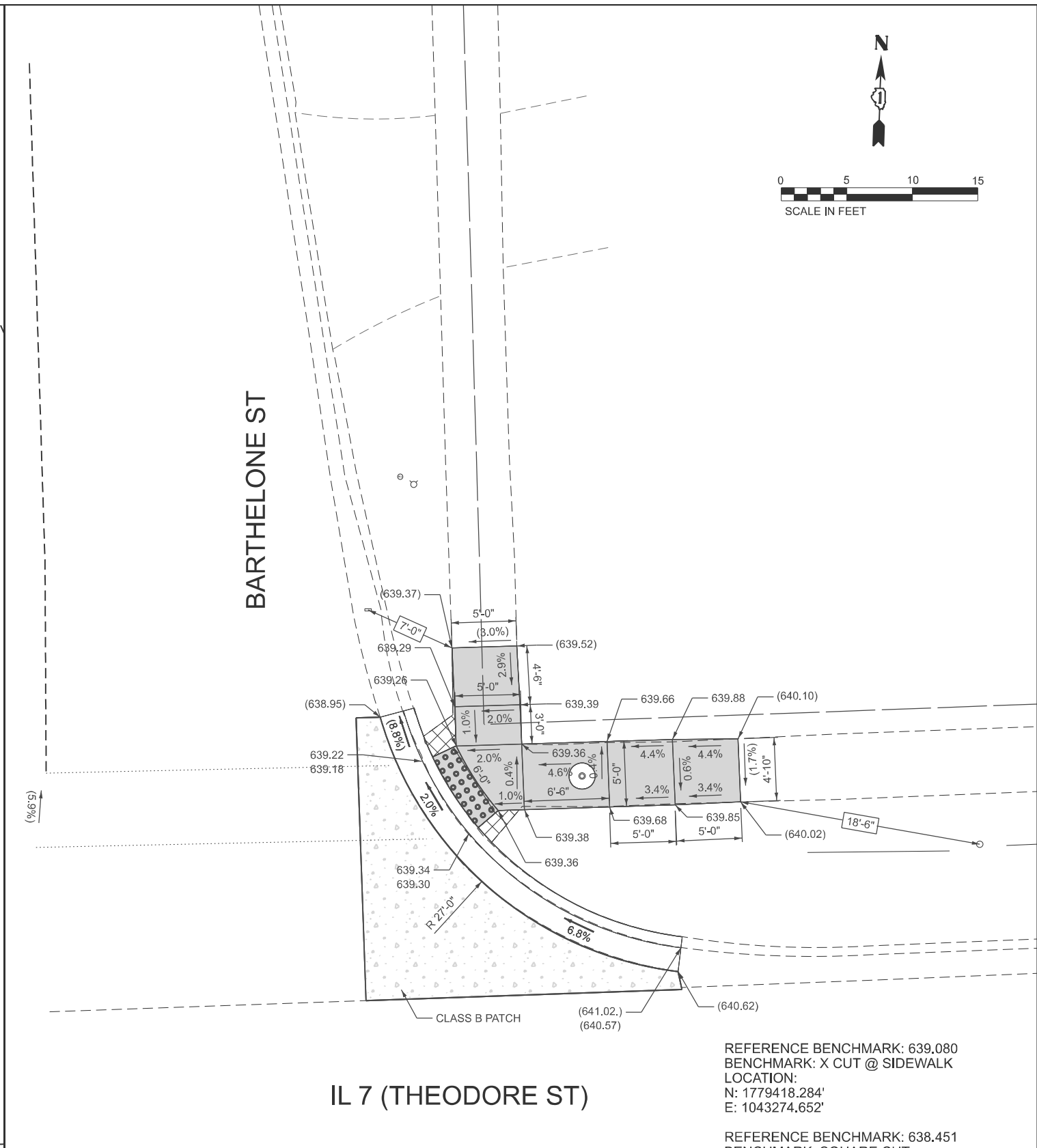
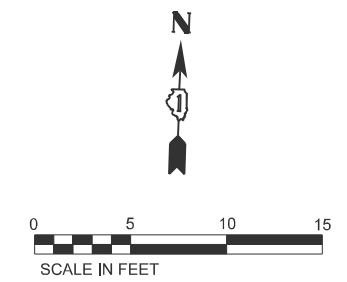
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	25
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 627.53
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION:
 N: 1779405.840'
 E: 1042681.182'

KNAPP DR



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 639.080
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION:
 N: 1779418.284'
 E: 1043274.652'

REFERENCE BENCHMARK: 638.451
 BENCHMARK: SQUARE CUT
 LOCATION: NW INTXN JUST SOUTH OF INLET
 N: 1779432.991'
 E: 1043299.595'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

MODEL: NE-1 (Sheet)
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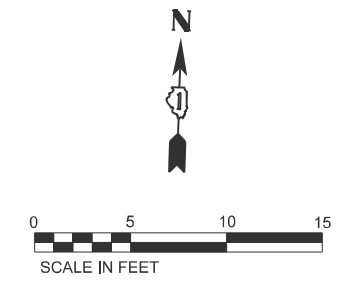
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PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 KNAPP NW & BARTHELONE NE

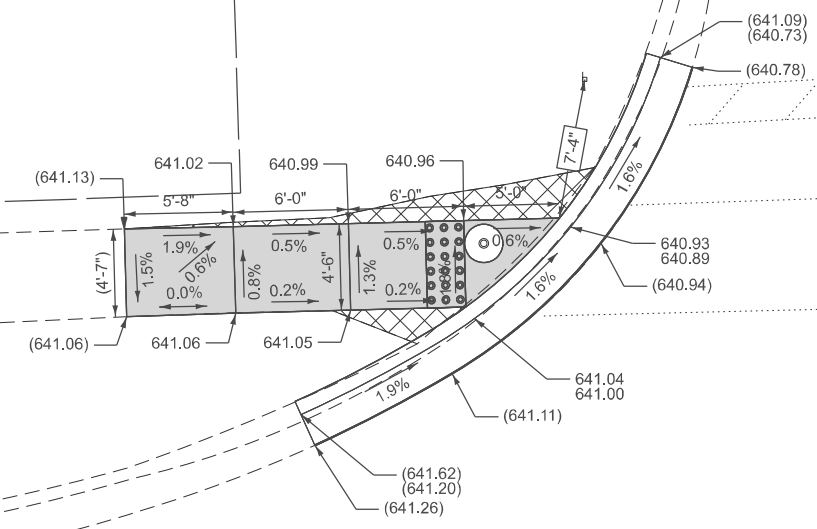
SCALE: SHEET 4 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	26
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



HEIDEN AVE

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 641.059
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN
 N: 1779434.822'
 E: 1043711.477'

REFERENCE BENCHMARK:
 BENCHMARK: ON SOUTH ARROW BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779478.754'
 E: 1043689.610'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

MODEL: NW-3 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
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PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

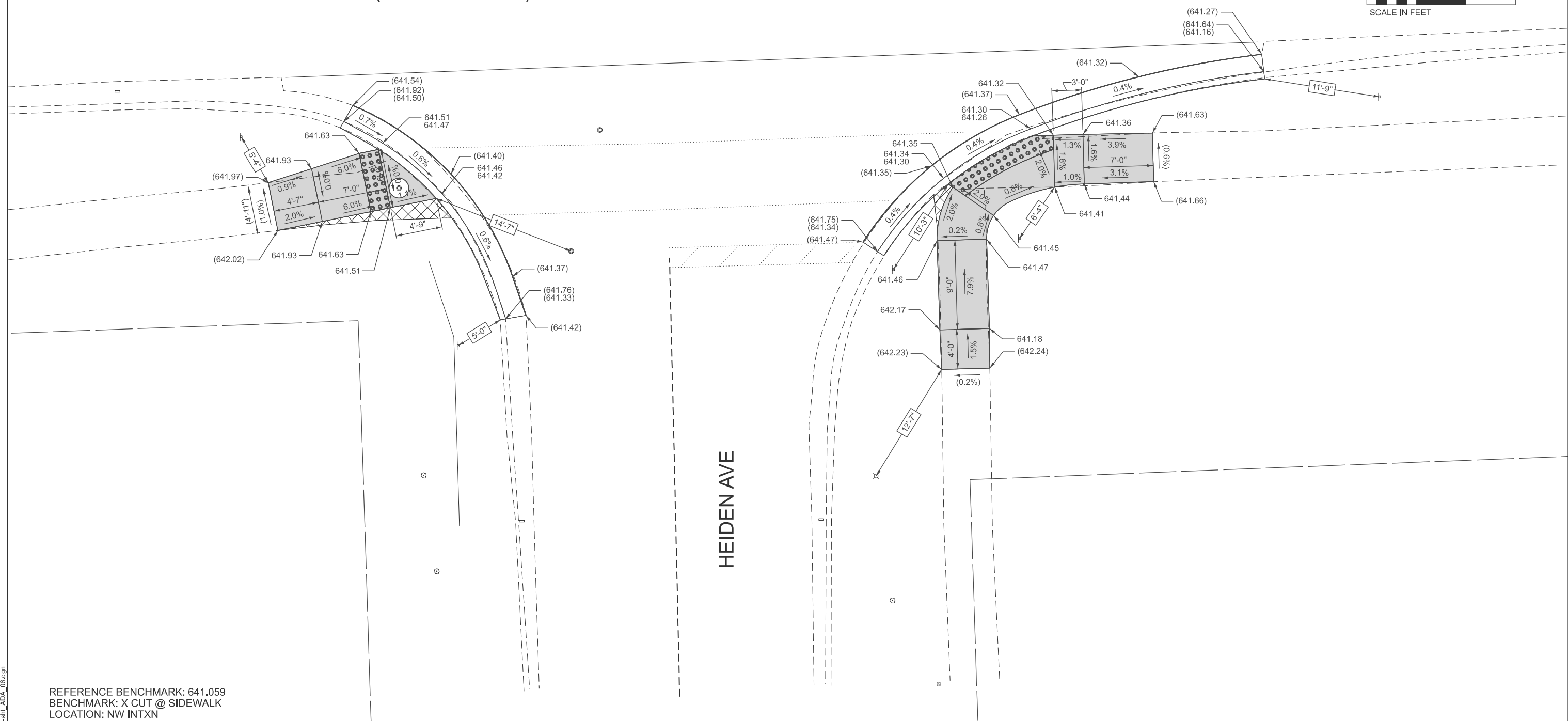
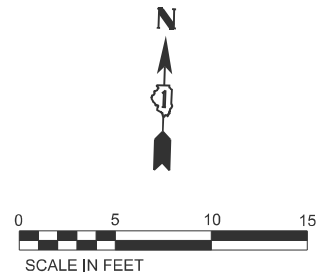
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
HEIDEN NW

SCALE: SHEET 5 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 641.059
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN
 N: 1779434.822'
 E: 1043711.477'

REFERENCE BENCHMARK:
 BENCHMARK: ON SOUTH ARROW BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779478.754'
 E: 1043689.610'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Dotted with Circles]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatched]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted with Circles]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted]	CLASS D PATCH		

MODEL: S-6 (Sheet)
 FILE NAME: c:\p\work\pw_maint\lms53466\116425-shr_ADA_06.dgn



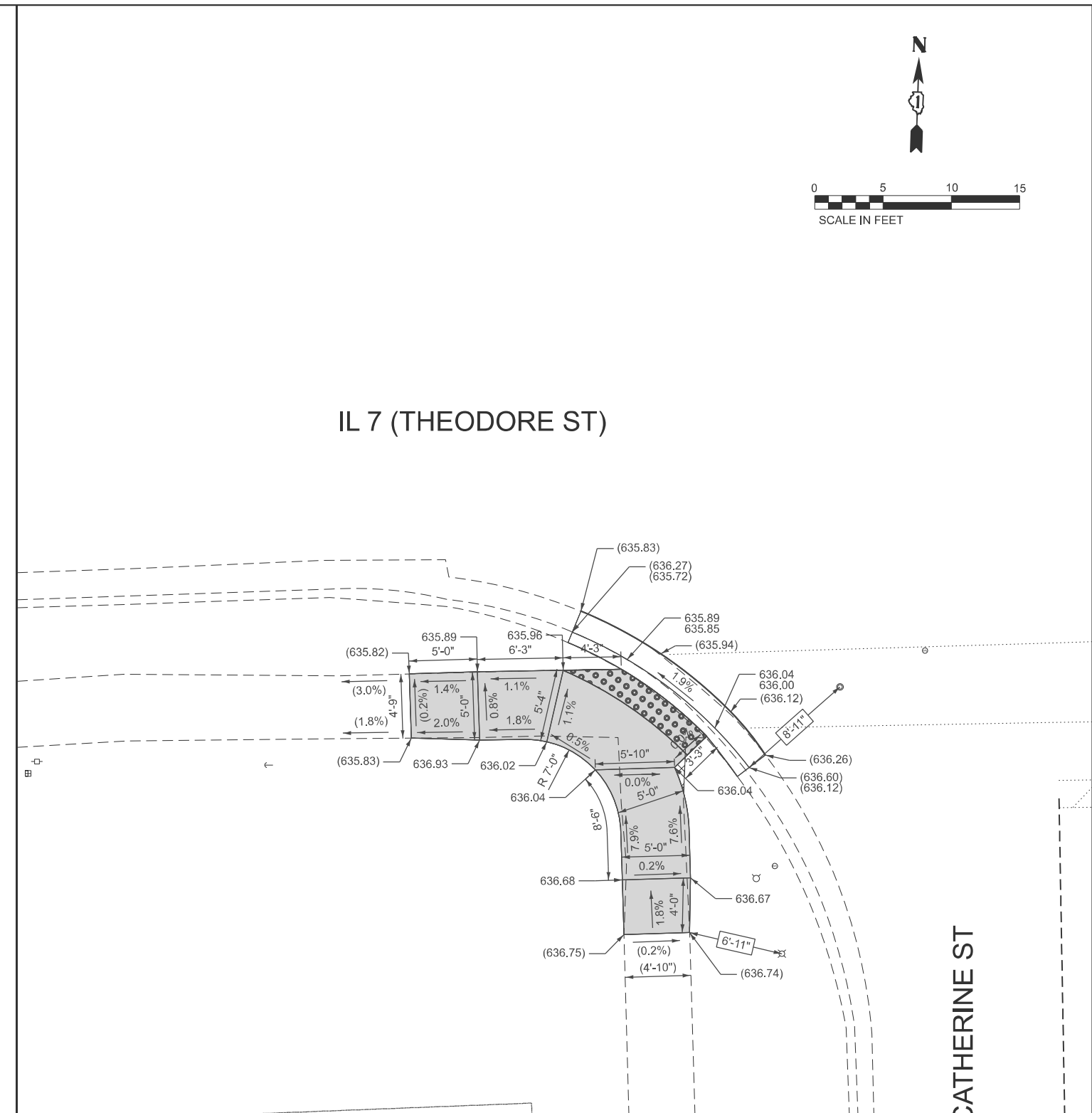
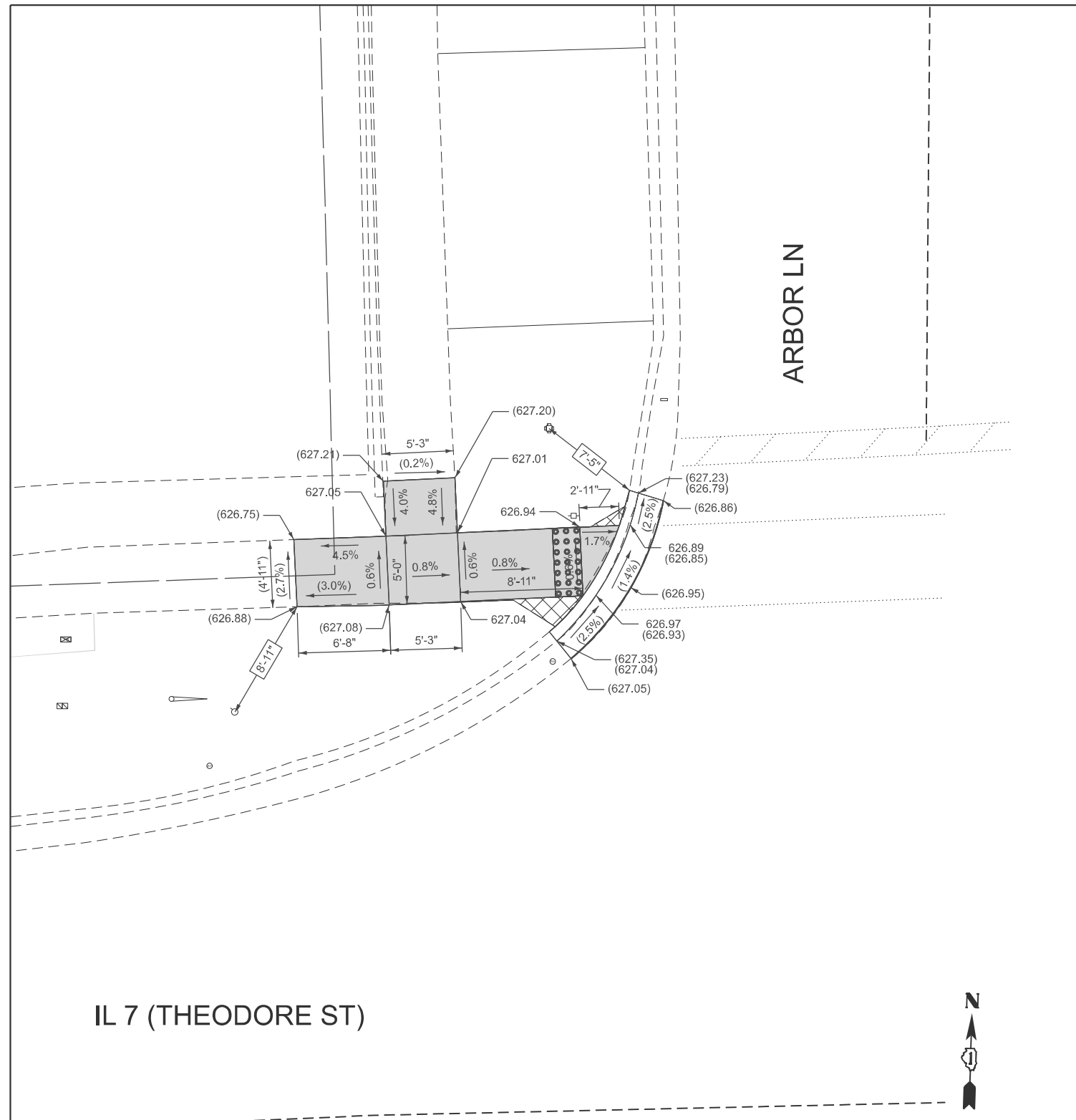
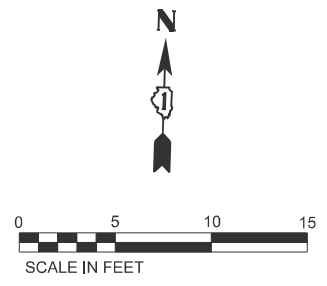
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PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 HEIDEN SW & SE

SCALE: SHEET 6 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

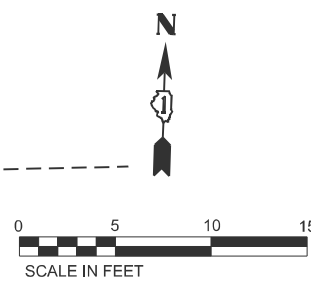


IL 7 (THEODORE ST)

IL 7 (THEODORE ST)

CATHERINE ST

ARBOR LN



REFERENCE BENCHMARK: 626.981
 BENCHMARK: X CUT @ CONCRETE SLAB
 LOCATION: NW INTXN
 N: 1779494.675'
 E: 1044540.362'

REFERENCE BENCHMARK: 627.991
 BENCHMARK: CUT SQUARE S FACE
 LOCATION:
 N: 1779459.629'
 E: 1044511.792'

REFERENCE BENCHMARK: 630.051
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION:
 N: 1779475.122'
 E: 1044774.835'

REFERENCE BENCHMARK: 639.106
 BENCHMARK: ARROW BOLT
 LOCATION: SW INTXN FIRE HYDRANT
 N: 1779403.431'
 E: 1044968.853'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
---	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: NW-4 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

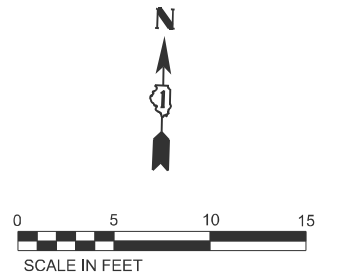
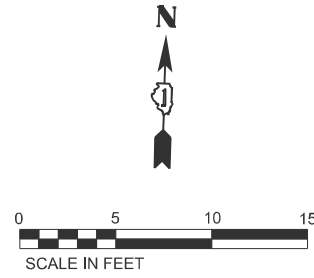
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 ARBOR NW & CATHERINE SW

SCALE: SHEET 7 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	29
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

IL 7 (THEODORE ST)



BURRY CT DR

BURRY ST

IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 644.995
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION:
 N: 1779428.368'
 E: 1045367.031

REFERENCE BENCHMARK: 647.267
 BENCHMARK: ARROW BOLT
 LOCATION: SE INTXN FIRE HYDRANT
 N: 1779401.180'
 E: 1045341.024'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: SW-1
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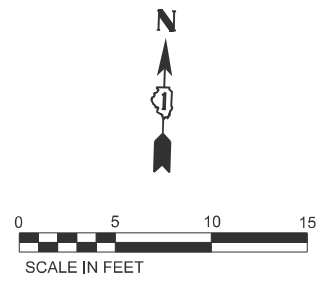
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 BURRY ST SW & BURRY CT DR NE

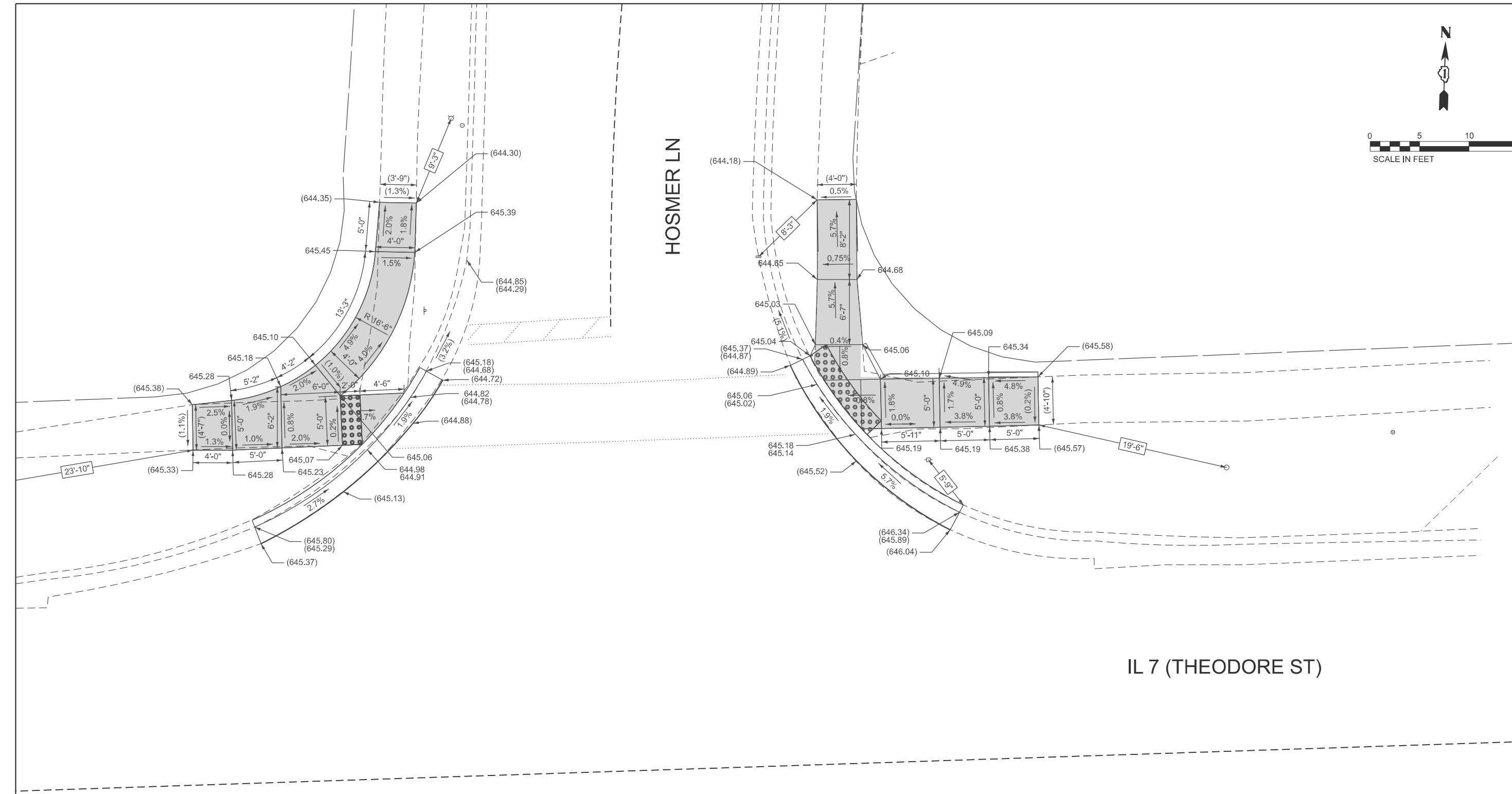
SCALE: SHEET 8 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	30
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



HOSMER LN

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 645.547
 BENCHMARK: WEST BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779536.256'
 E: 1045632.312'

REFERENCE BENCHMARK: 646.529
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SE INTXN
 N: 1779440.915'
 E: 1045689.575'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: N (Sheet)
FILE NAME: c:\pwworking\main\mms53466\116425-shi_ADA_09.dgn



USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

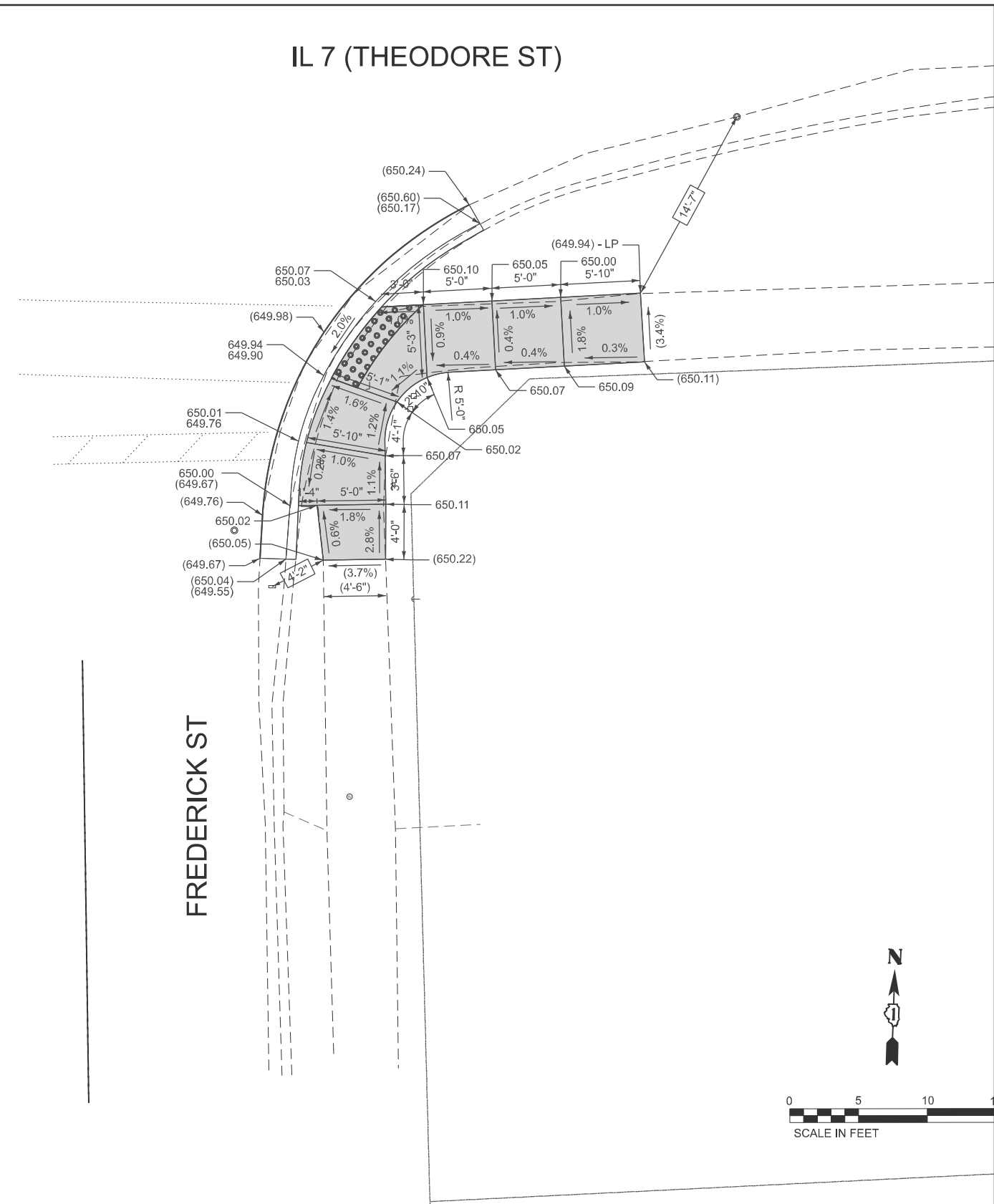
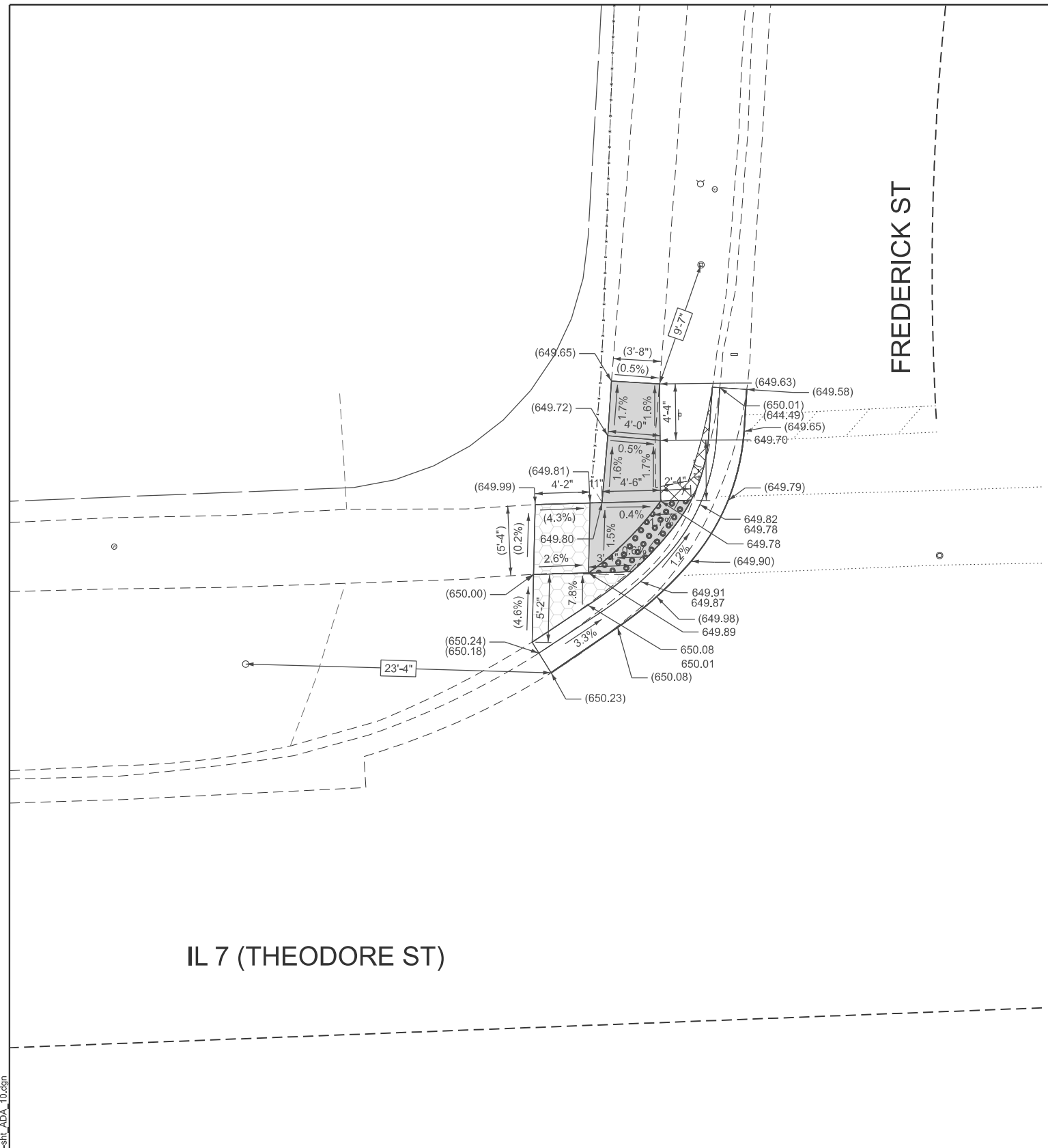
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
HOSMER NW & NEW

SCALE: SHEET 9 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	31
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

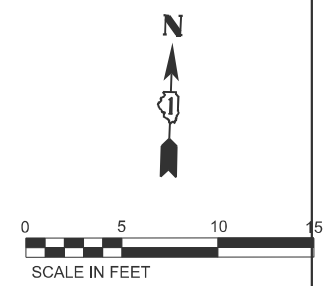
IL 7 (THEODORE ST)



IL 7 (THEODORE ST)

FREDERICK ST

FREDERICK ST



REFERENCE BENCHMARK: 653.357
 BENCHMARK: NW BOLT
 LOCATION: SW INTXN FIRE HYDRANT
 N: 1779453.600'
 E: 1046278.990'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: NW-5
FILE NAME: c:\p\work\p\main\oms53466\116425-sit_ADA_10.dgn



USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

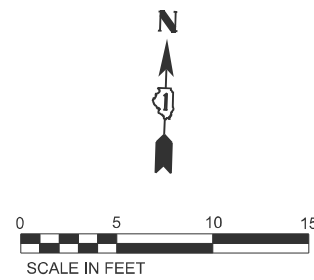
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
FREDERICK NW

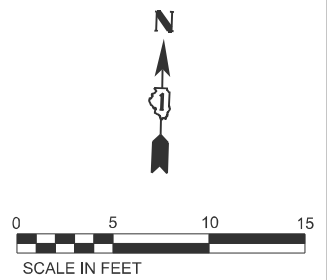
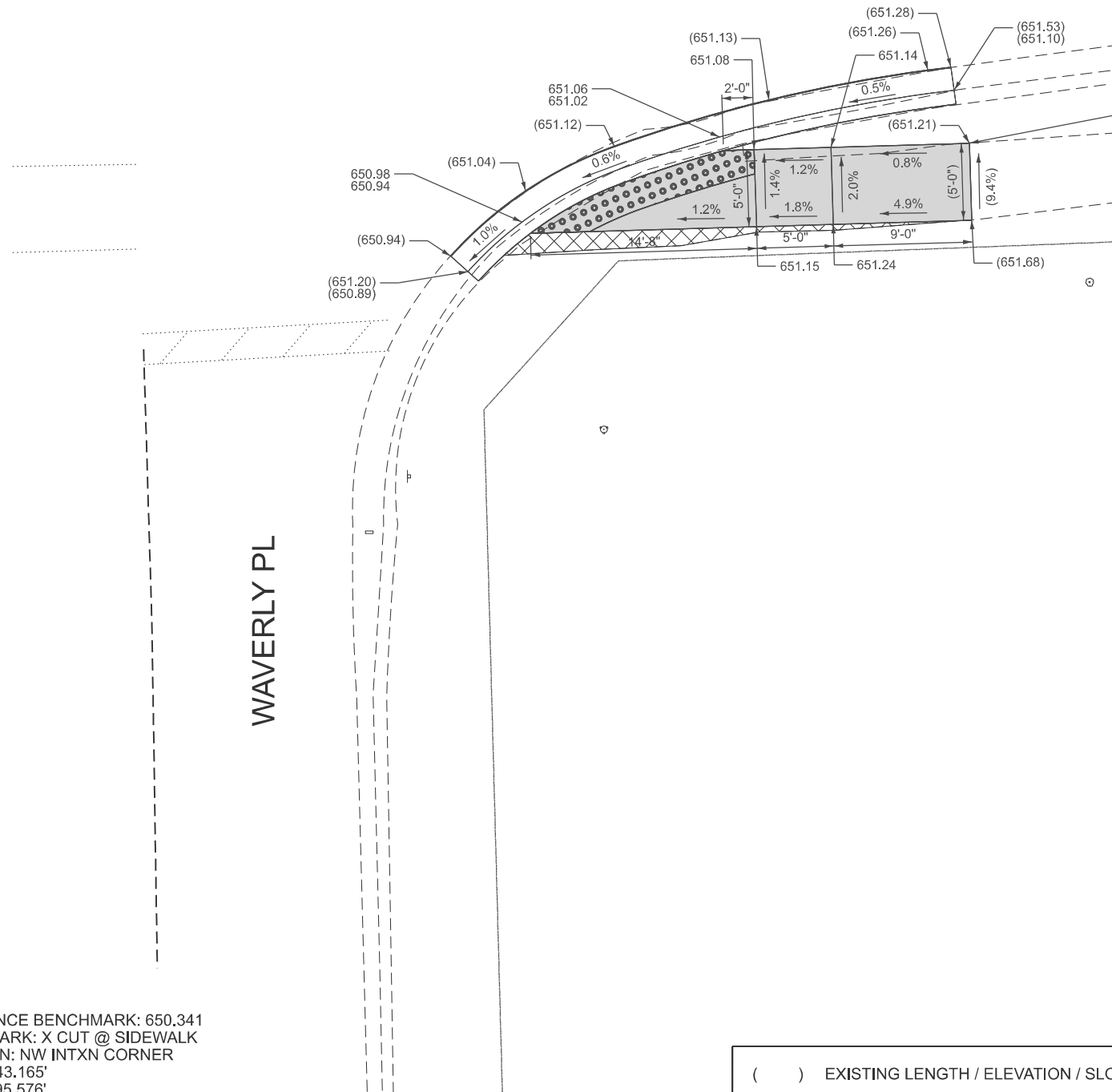
SCALE: SHEET 10 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	32
CONTRACT NO. 80B05				

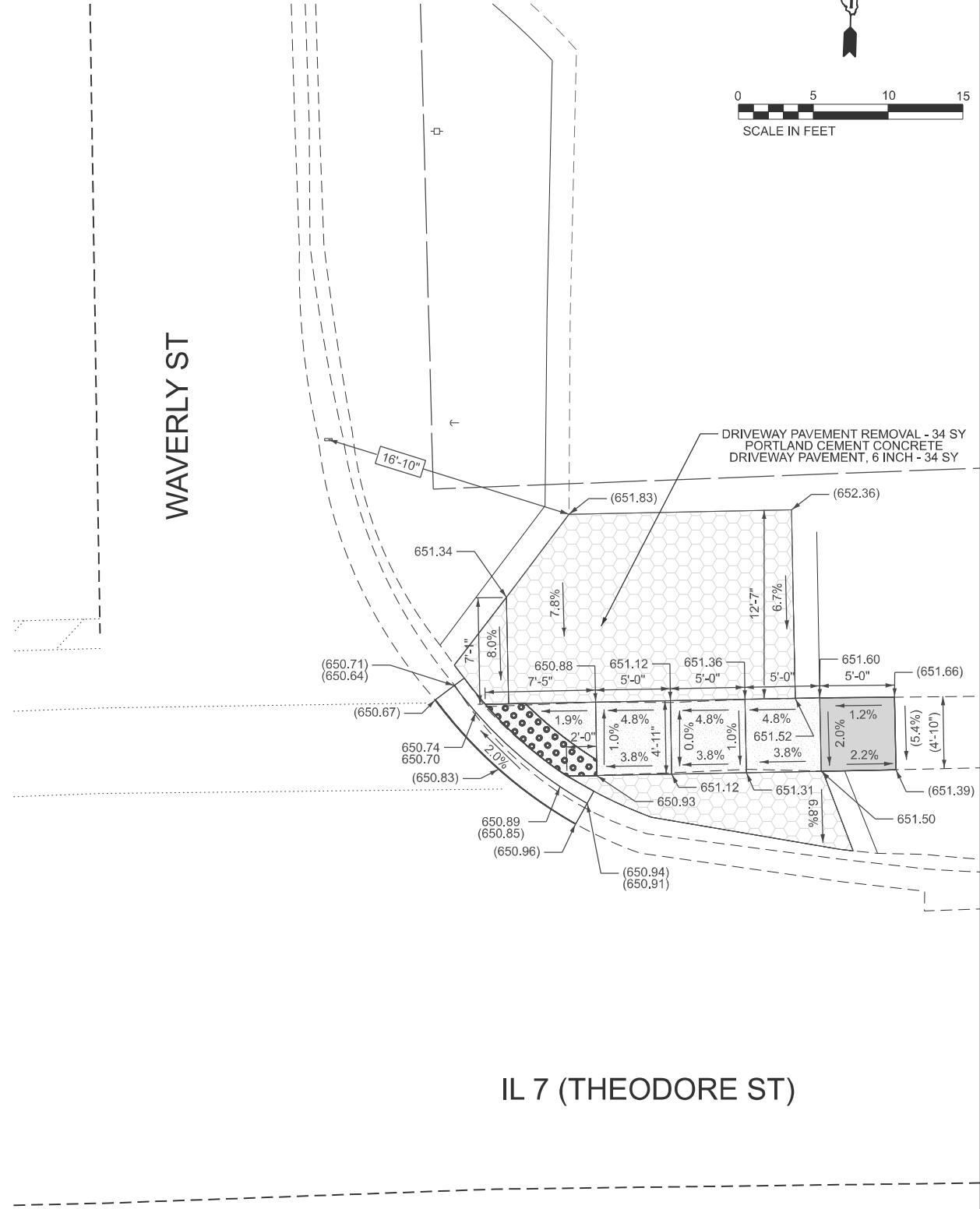
ILLINOIS FED. AID PROJECT



IL 7 (THEODORE ST)



WAVERLY ST



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 650.341
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN CORNER
 N: 1779543.165'
 E: 1046895.576'

REFERENCE BENCHMARK: 653.704
 BENCHMARK: NW BOLT
 LOCATION: SW INTXN FIRE HYDRANT
 N: 1779476.028'
 E: 1046941.813'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Stippled]	CLASS B PATCH	[Hexagonal]	PCC DRIVEWAY
[Dotted]	CLASS D PATCH		

MODEL: NE-2
FILE NAME: c:\pwwork\pwwork\main\oms53466\116425-sit_ADA_11.dgn



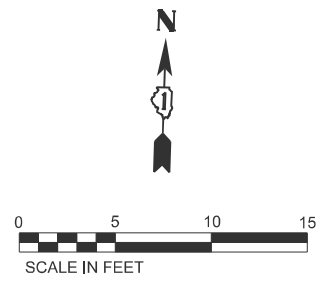
USER NAME	= BernardB	DESIGNED	- BB	REVISED	-
		DRAWN	- BB	REVISED	-
		CHECKED	- TDP	REVISED	-
PLOT DATE	= 02/27/2026	DATE	- 2024/07/01	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

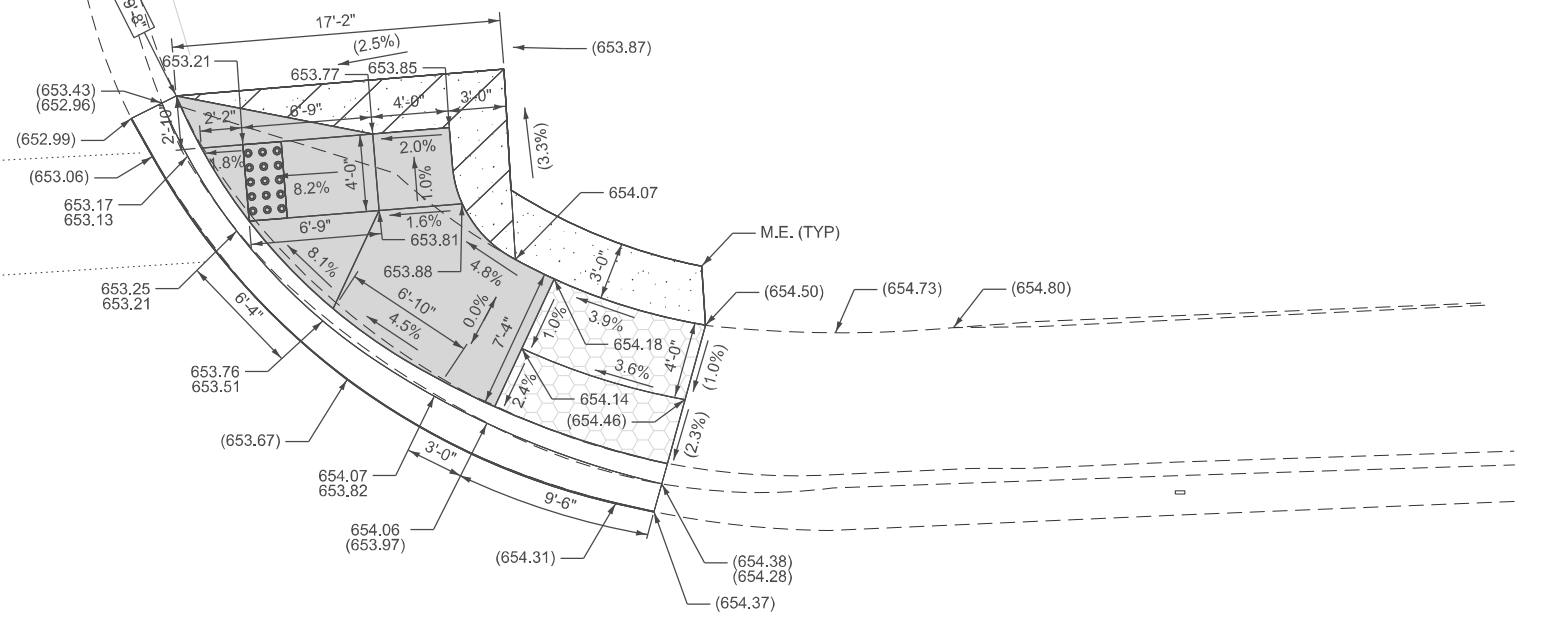
IL-7 ADA DETAILS
WAVERLY NE & SE

SCALE: SHEET 11 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	33
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



PRAIRIE AVE



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 652.946
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN
 N: 1779557.715'
 E: 1047285.806'

REFERENCE BENCHMARK: 654.583
 BENCHMARK: NE BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779577.828'
 E: 1047290.196'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

MODEL: NE-4 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

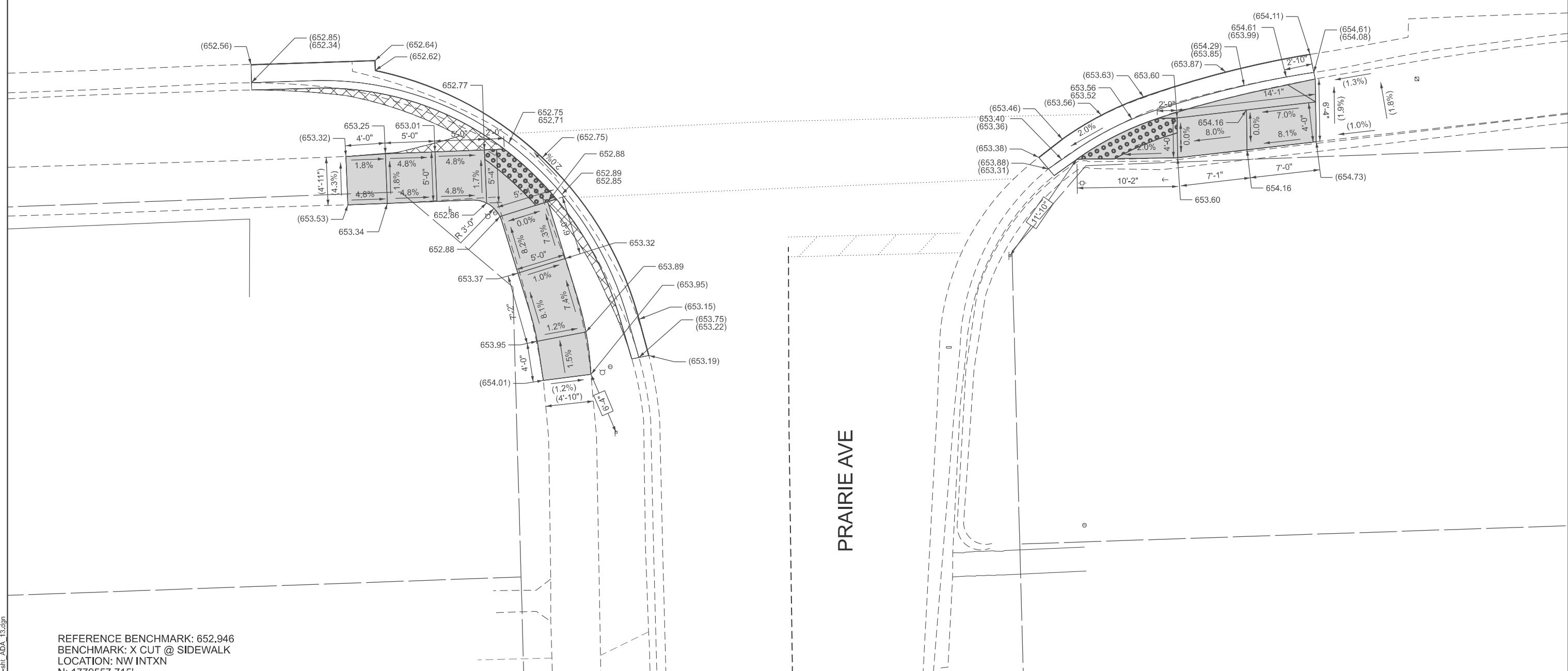
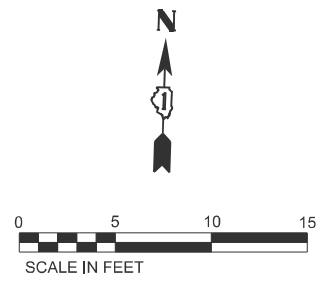
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 PRAIRIE N

SCALE: SHEET 12 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	34
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 652.946
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN
 N: 1779557.715'
 E: 1047285.806'

REFERENCE BENCHMARK: 654.583
 BENCHMARK: NE BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779577.828'
 E: 1047290.196'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

MODEL: S-1 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

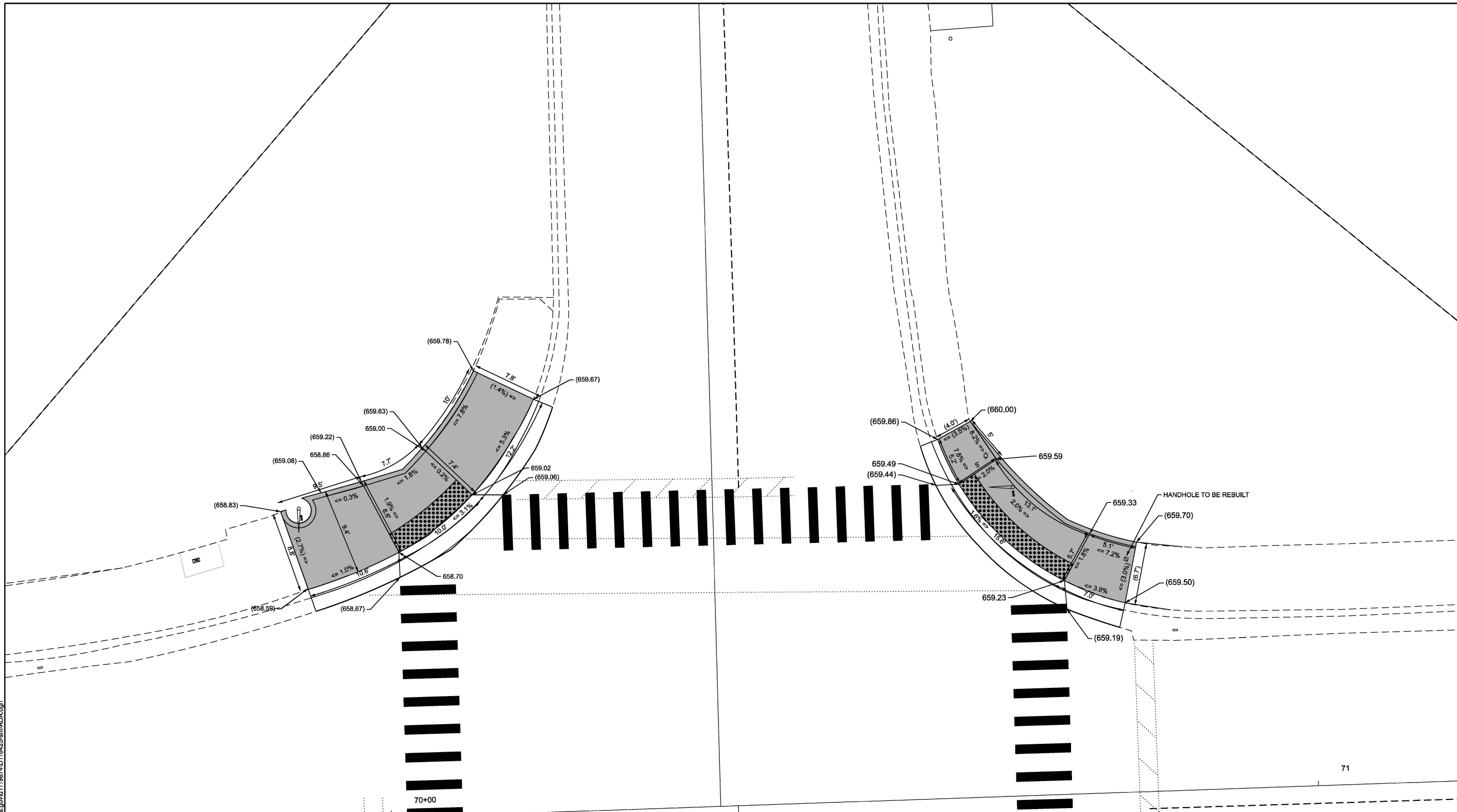
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 PRAIRIE SW & SE

SCALE: SHEET 13 OF 31 SHEETS STA. TO STA.

F.A. RTE. 871	SECTION 2025-2018-RS,SW	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 35
			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

MODEL: Raynor NW NE (Sheet)
 FILE NAME: c:\p\work\pwr\concor.mullane@illinois.gov\119874\16425-shr-ADA.dgn



REFERENCE BENCHMARK: 658.945
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SW INTXN ON ADA RAMP
 N: 1779508.647'
 E: 1047593.833'

REFERENCE BENCHMARK: 659.003
 BENCHMARK: SQUARE CUT @ TRAFFIC SIGNAL BOX
 LOCATION: SE CORNER CONCRETE SLAB
 N: 1779564.698'
 E: 1047571.615'

LEGEND

XX.XX'

EXISTING LENGTH

PROPOSED SIDE CURB

() EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

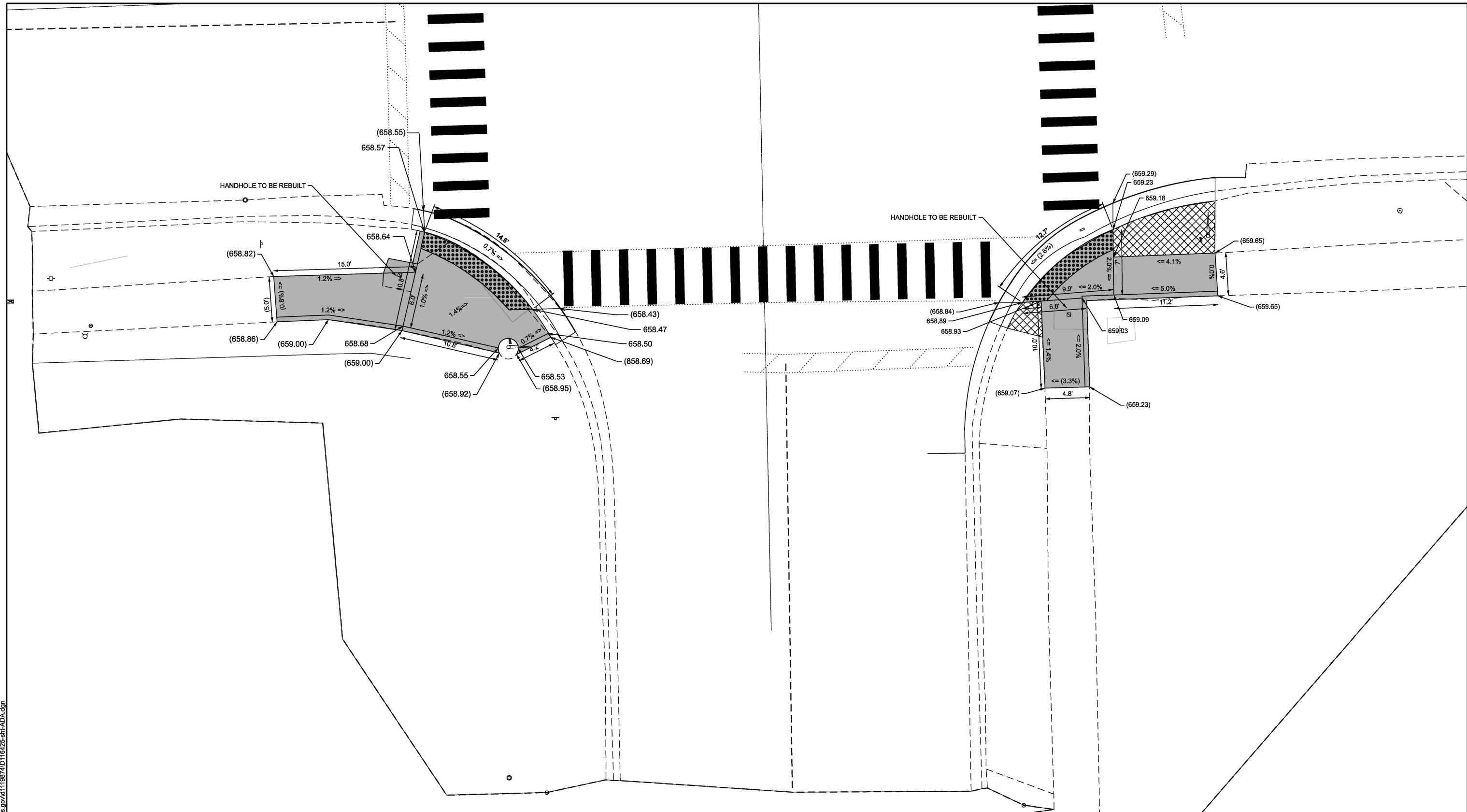
IL 7 ADA DETAILS
 RAYNOR AVE NW & NE

USER NAME = Connor.mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/5/2026	DATE -	REVISED -

SCALE: SHEET 14 OF 31 SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	36
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

MODEL: Raynor SW SE IDOT Design (Sheet)
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REFERENCE BENCHMARK: 658.945
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SW INTXN ON ADA RAMP
 N: 1779508.647'
 E: 1047593.833'

REFERENCE BENCHMARK: 659.003
 BENCHMARK: SQUARE CUT @ TRAFFIC SIGNAL BOX
 LOCATION: SE CORNER CONCRETE SLAB
 N: 1779564.698'
 E: 1047571.615'

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

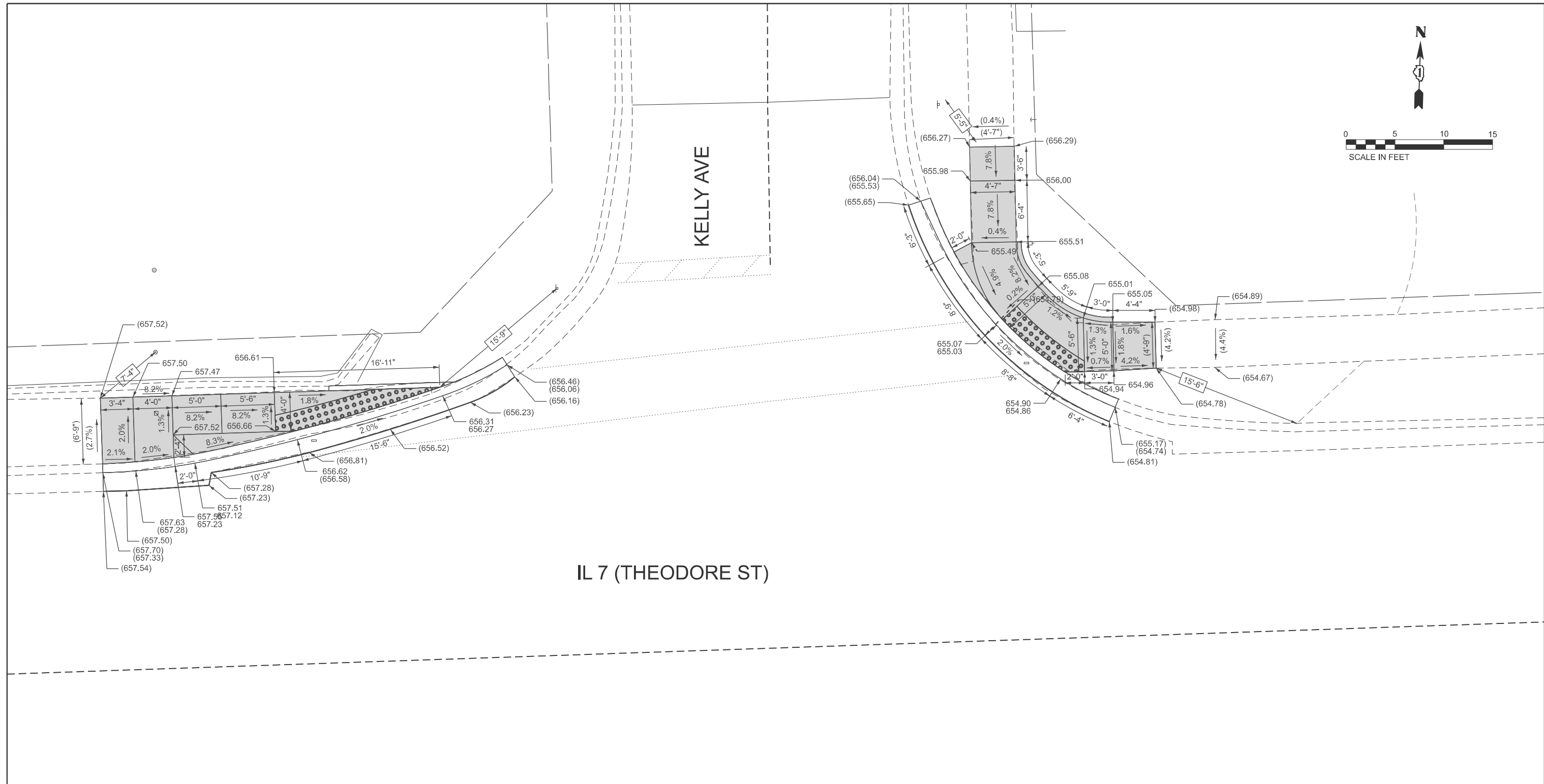
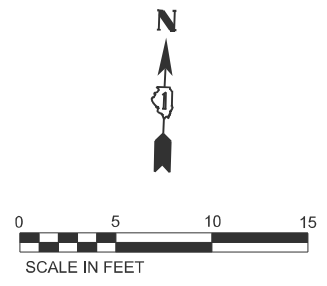
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/5/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 7 ADA DETAILS
 RAYNOR AVE SW & SE**

SCALE: SHEET 15 OF 31 SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	37
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 659.003
 BENCHMARK: SQUARE CUT @ TRAFFIC SIGNAL BOX
 LOCATION: SE CORNER CONCRETE SLAB
 N: 1779564.698'
 E: 1047571.615'

REFERENCE BENCHMARK: 657.409
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SW INTXN
 N: 1779515.405'
 E: 1047917.395'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

MODEL: N-2 (Sheet)
FILE NAME: c:\p\work\pwr_main\oms53466\ID116425-sht_ADA_16.dgn



USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
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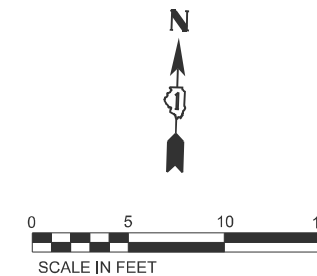
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
KELLY NW & NE

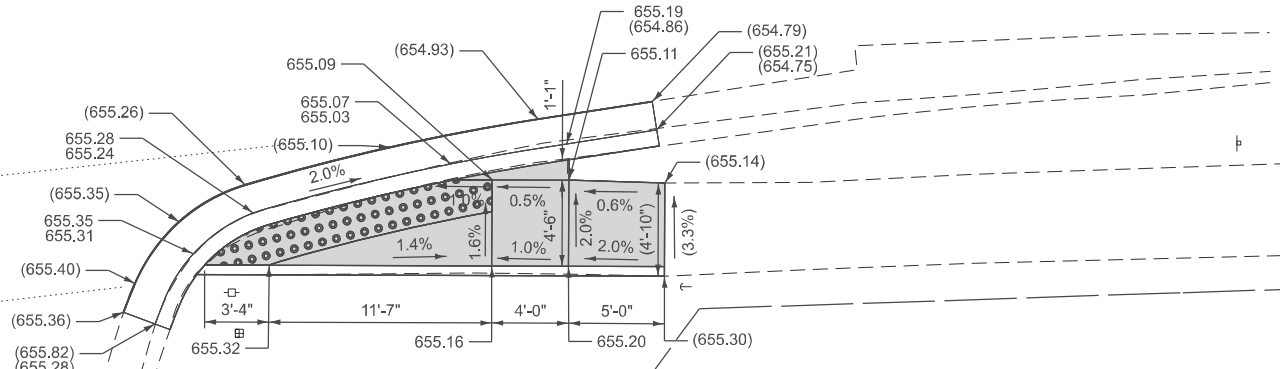
SCALE: SHEET 16 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	38
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

IL 7 (THEODORE ST)



KELLY AVE



REFERENCE BENCHMARK: 657.409
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: SW INTXN
 N: 1779515.405'
 E: 1047917.395'

REFERENCE BENCHMARK: 659.263
 BENCHMARK: SW BOLT
 LOCATION: NW INTXN FIRE HYDRANT
 N: 1779615.280'
 E: 1047936.225'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

MODEL: SE-1 (Sheet)
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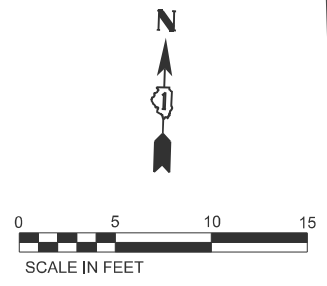
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 KELLY SE

SCALE: SHEET 17 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	



WILCOX ST

IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 648.269
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779590.304'
 E: 1048331.922'

REFERENCE BENCHMARK: 650.069
 BENCHMARK: SE BOLT
 LOCATION: NW INTXN
 N: 1779652.602'
 E: 1048266.484'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

MODEL: N-3 (Sheet)
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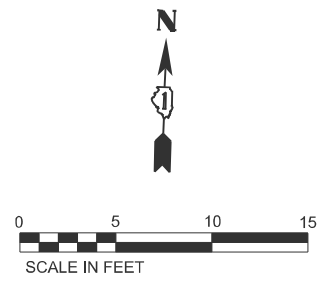
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

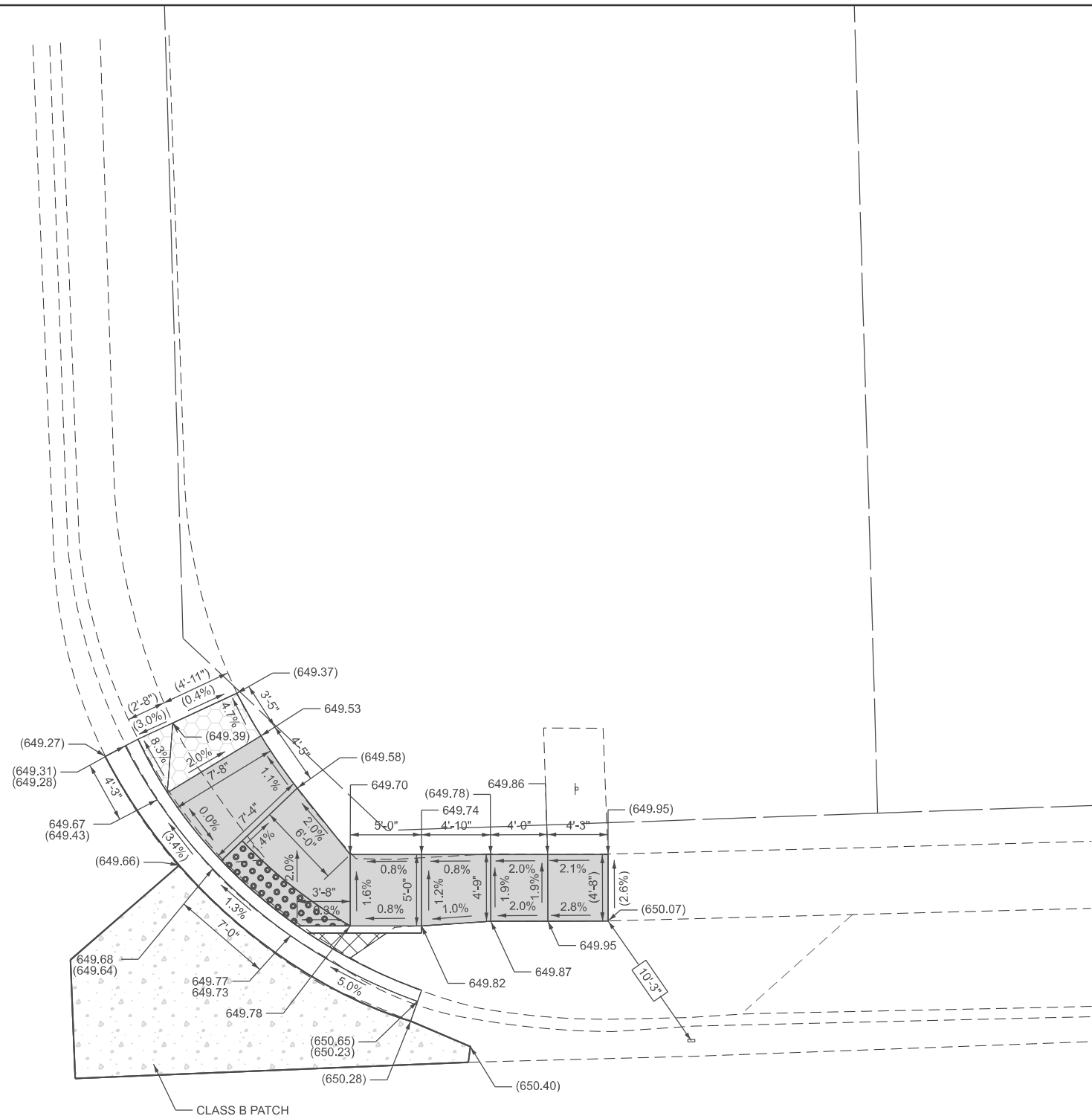
IL-7 ADA DETAILS
 WILCOX NW & NE

SCALE: SHEET 18 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	40
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



OAKLAND AVE



IL 7 (THEODORE ST)

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

REFERENCE BENCHMARK: 652.297
 BENCHMARK: CUT SQUARE
 LOCATION: NE INTXN ON NE OF CON SIGN BASE
 N: 1779612.957'
 E: 1048666.557'

REFERENCE BENCHMARK: 649.310
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779614.582'
 E: 1048642.547'

MODEL: NE-5 (Sheet)
 FILE NAME: c:\p\work\p\main\oms53466\116425-sit_ADA_19.dgn



USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 02/27/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

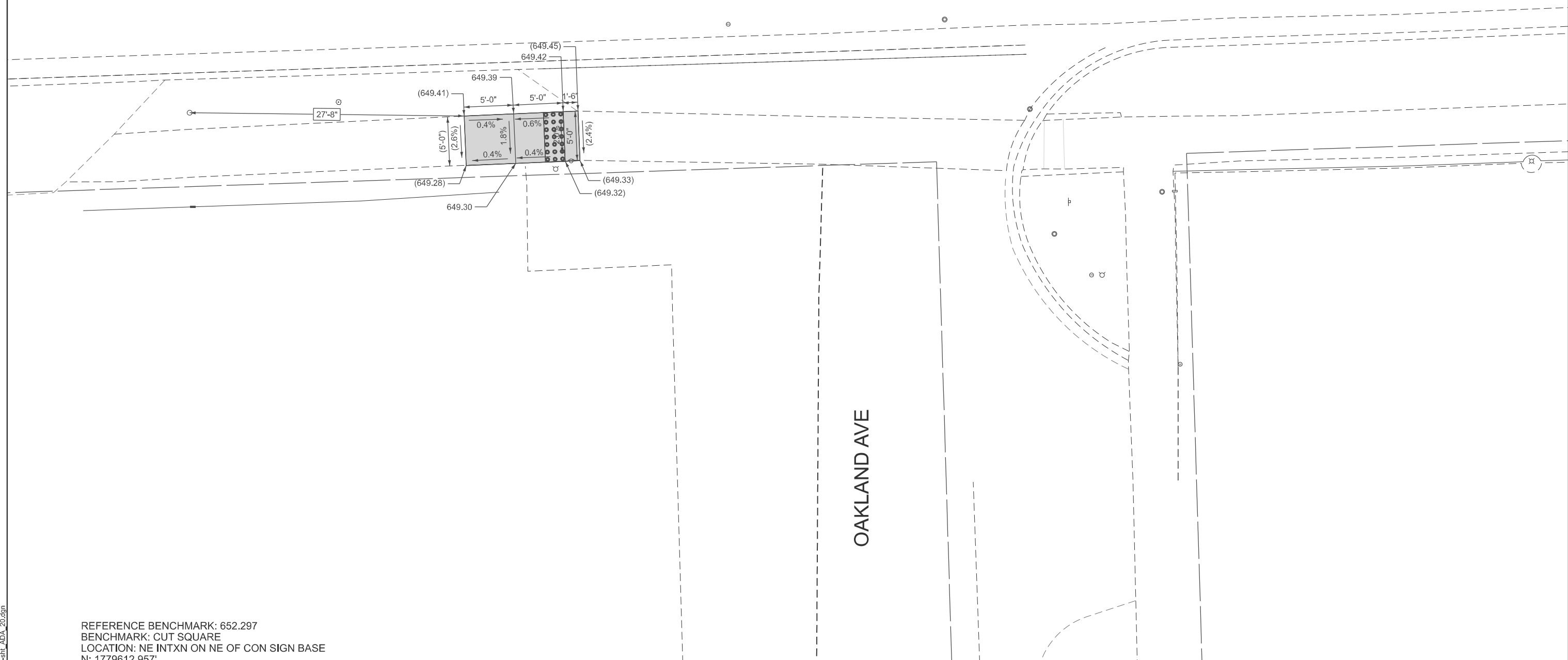
IL-7 ADA DETAILS
 OAKLAND NE

SCALE: SHEET 19 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	41
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 652.297
 BENCHMARK: CUT SQUARE
 LOCATION: NE INTXN ON NE OF CON SIGN BASE
 N: 1779612.957'
 E: 1048666.557'

REFERENCE BENCHMARK: 649.310
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779614.582'
 E: 1048642.547'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

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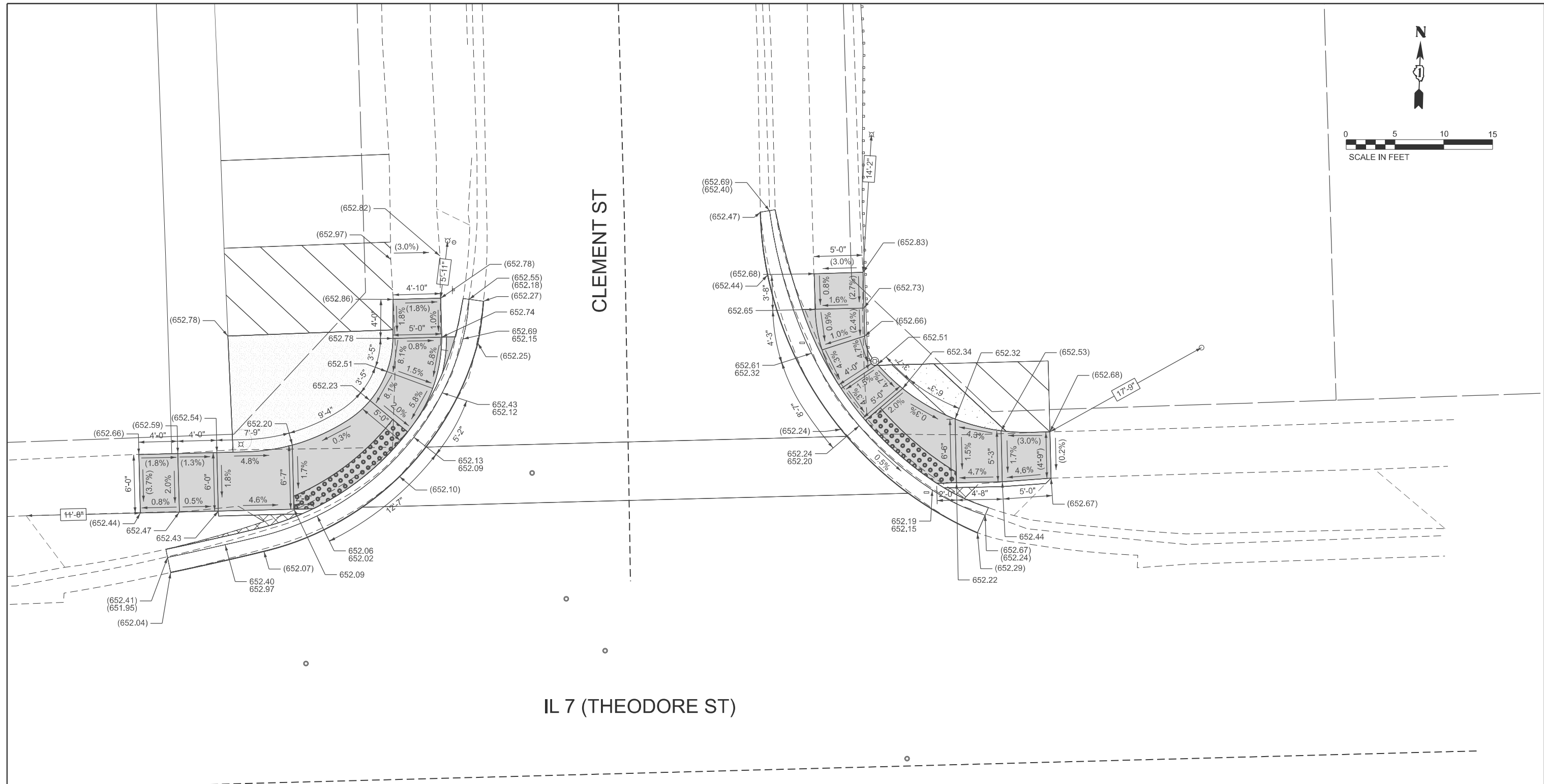
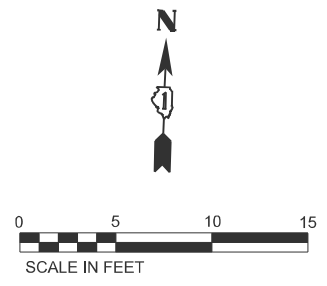
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PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL-7 ADA DETAILS
 OAKLAND SW & SE**

SCALE: SHEET 20 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	42
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



IL 7 (THEODORE ST)

CLEMENT ST

REFERENCE BENCHMARK: 652.713
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779621.652'
 E: 1048913.127'

REFERENCE BENCHMARK: 655.392
 BENCHMARK: CUT SQUARE E FACE
 LOCATION: ON PARKING LOT LIGHT POLE FOUNDATION
 N: 1779614.482'
 E: 1048907.960'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

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PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

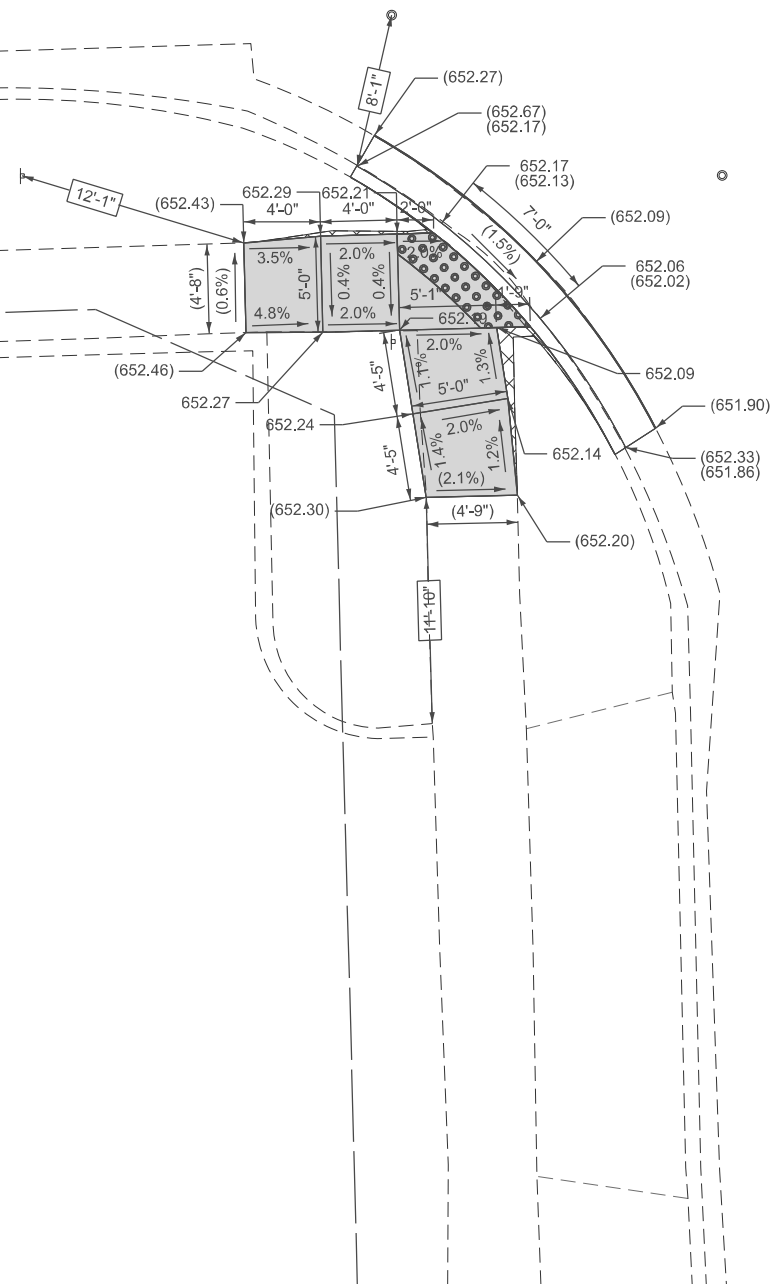
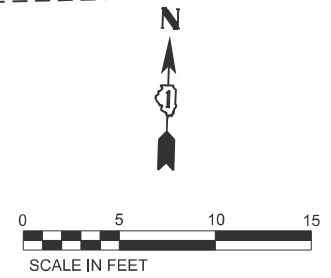
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL-7 ADA DETAILS
 CLEMENT NW & NE**

SCALE: SHEET 21 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	43
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

IL 7 (THEODORE ST)



CLEMENT ST

REFERENCE BENCHMARK: 652.713
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779621.652'
 E: 1048913.127'

REFERENCE BENCHMARK: 655.392
 BENCHMARK: CUT SQUARE E FACE
 LOCATION: ON PARKING LOT LIGHT POLE FOUNDATION
 N: 1779614.482'
 E: 1048907.960'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey Box]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Box]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern Box]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch Box]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Box]	CLASS B PATCH	[Hexagonal Pattern Box]	PCC DRIVEWAY
[Dotted Box]	CLASS D PATCH		

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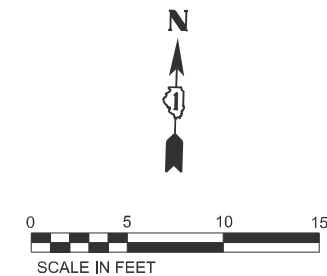
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 CLEMENT SW

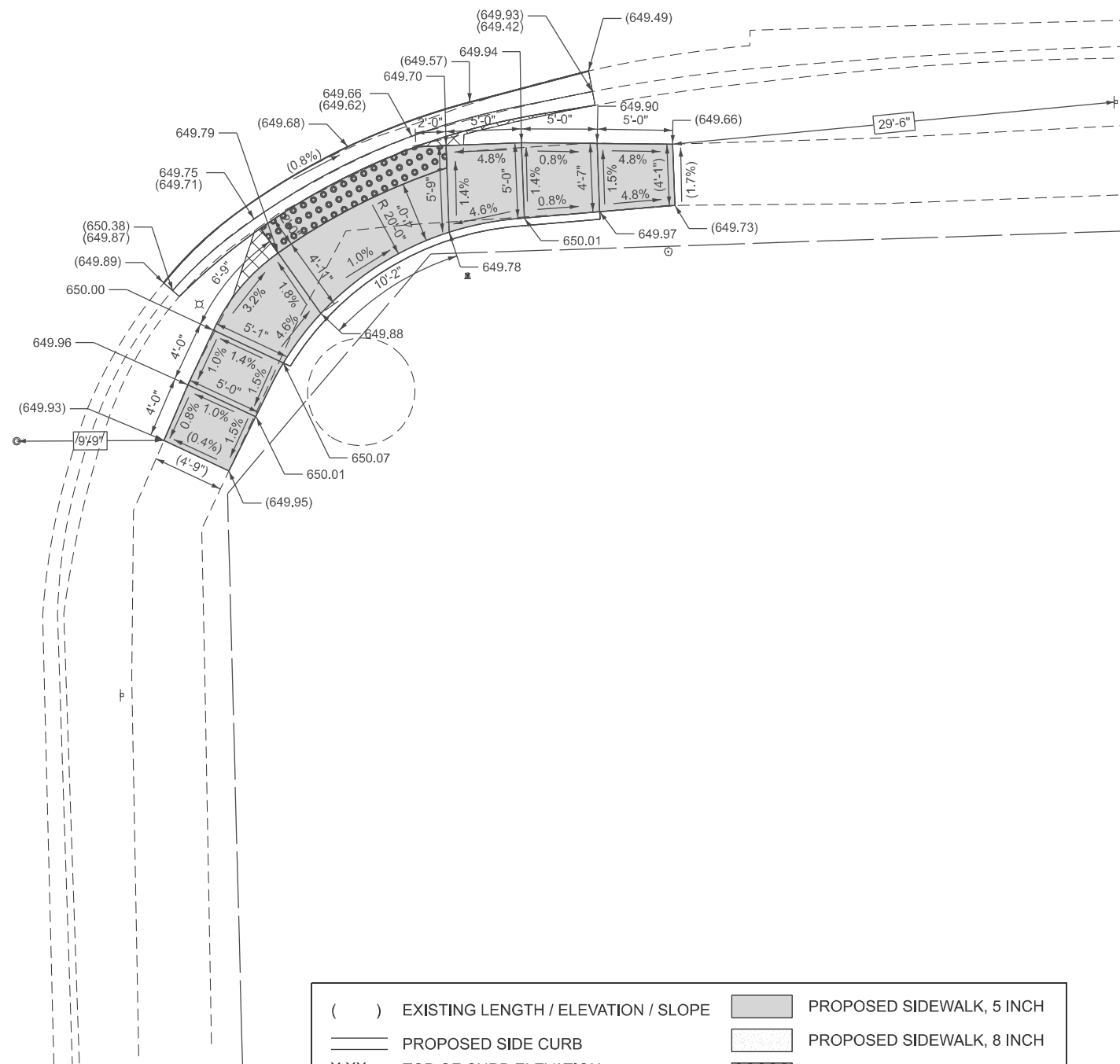
SCALE: SHEET 22 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	44
CONTRACT NO. 80B05				
ILLINOIS		FED. AID PROJECT		



IL 7 (THEODORE ST)

HIGHLAND AVE



REFERENCE BENCHMARK: 651.036
 BENCHMARK: X IN CURB
 LOCATION: NW INTXN
 N: 1779631.271'
 E: 1049259.389'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

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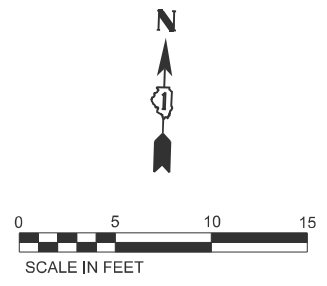
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 HIGHLAND SE

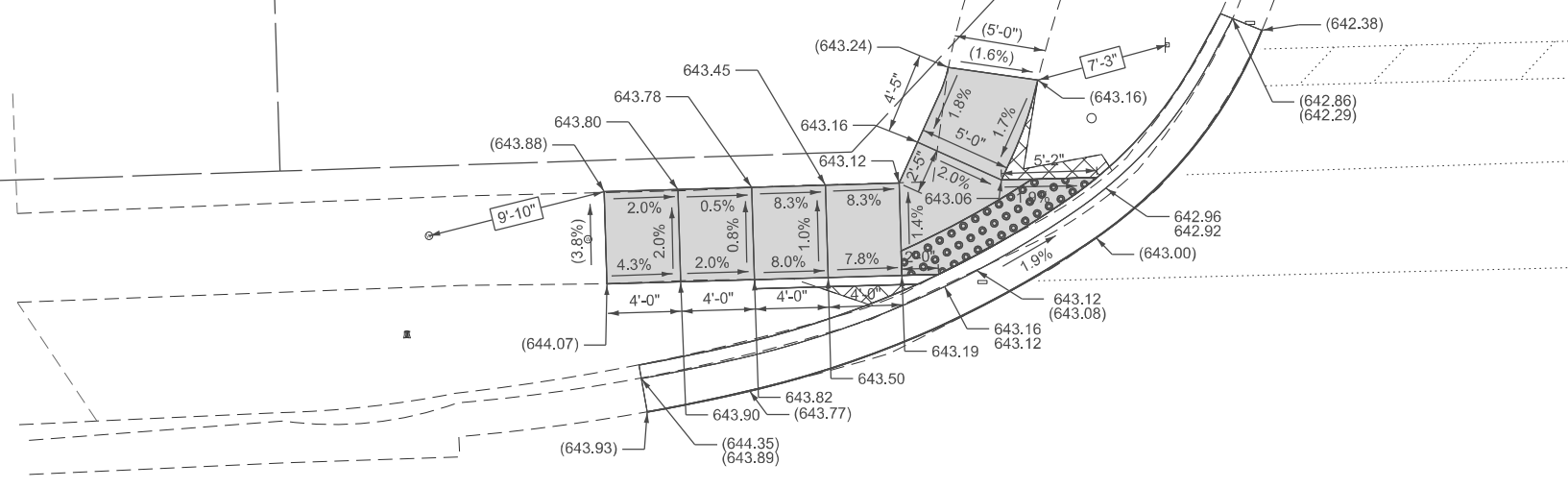
SCALE: SHEET 23 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	45
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



NICHOLSON ST.

IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 644.130
 BENCHMARK: CUT SQUARE
 LOCATION: NORTH SIDE OF SIGN CONCRETE BASE
 N: 1779573.439'
 E: 1049681.748'

REFERENCE BENCHMARK: 642.645
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779635.101'
 E: 1049641.698'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

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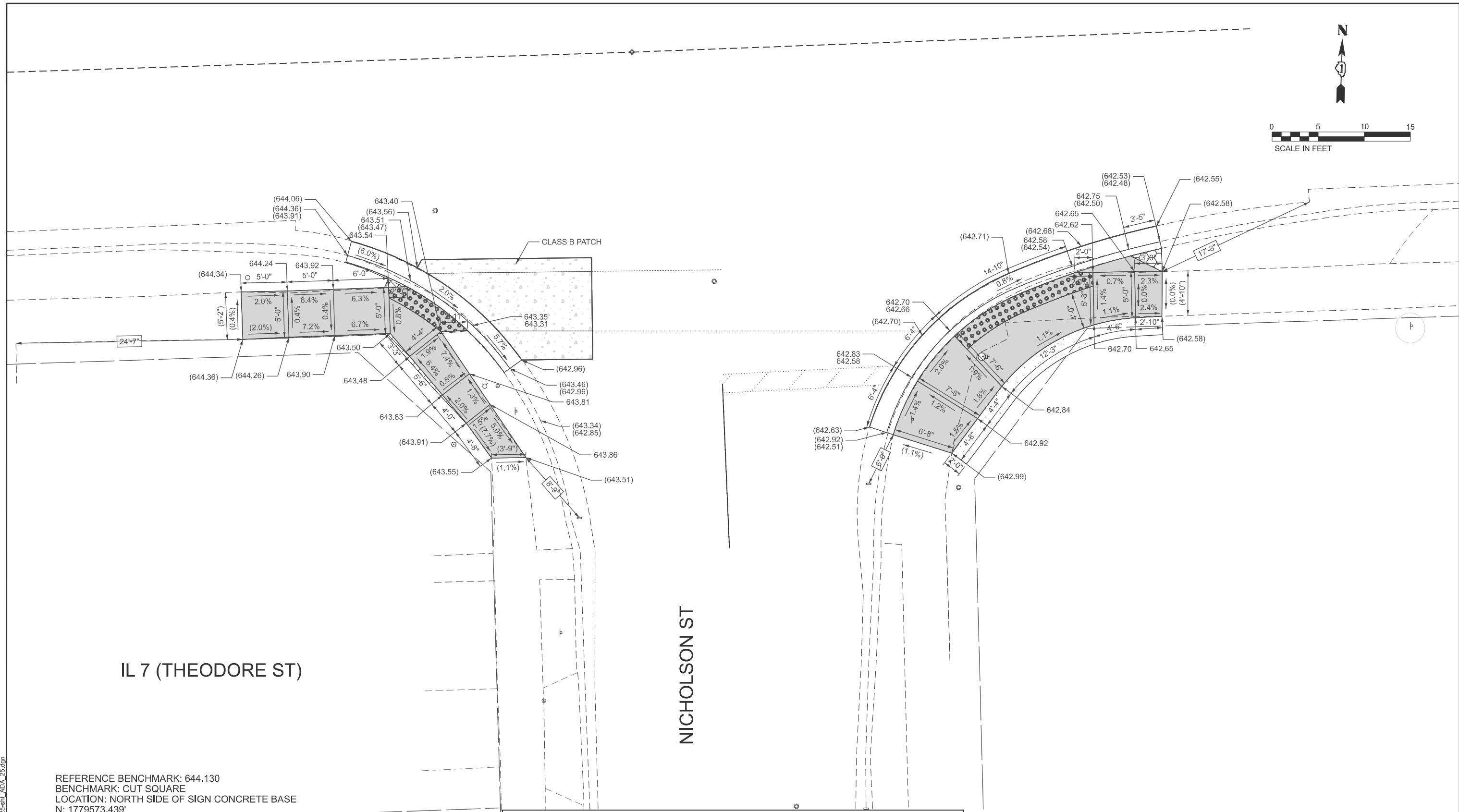
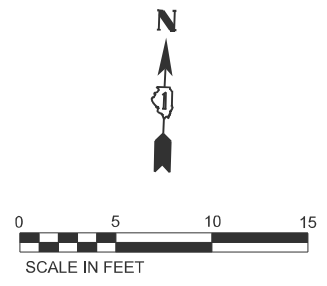
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	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL-7 ADA DETAILS
 NICHOLSON NW**

SCALE: SHEET 24 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	46
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK: 644.130
 BENCHMARK: CUT SQUARE
 LOCATION: NORTH SIDE OF SIGN CONCRETE BASE
 N: 1779573.439'
 E: 1049681.748'

REFERENCE BENCHMARK: 642.645
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779635.101'
 E: 1049641.698'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Pattern]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Pattern]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Pattern]	CLASS B PATCH	[Pattern]	PCC DRIVEWAY
[Pattern]	CLASS D PATCH		

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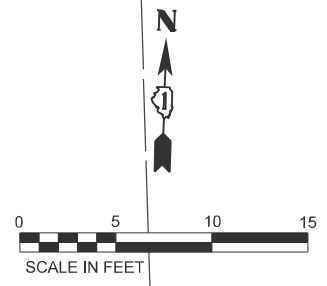
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PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

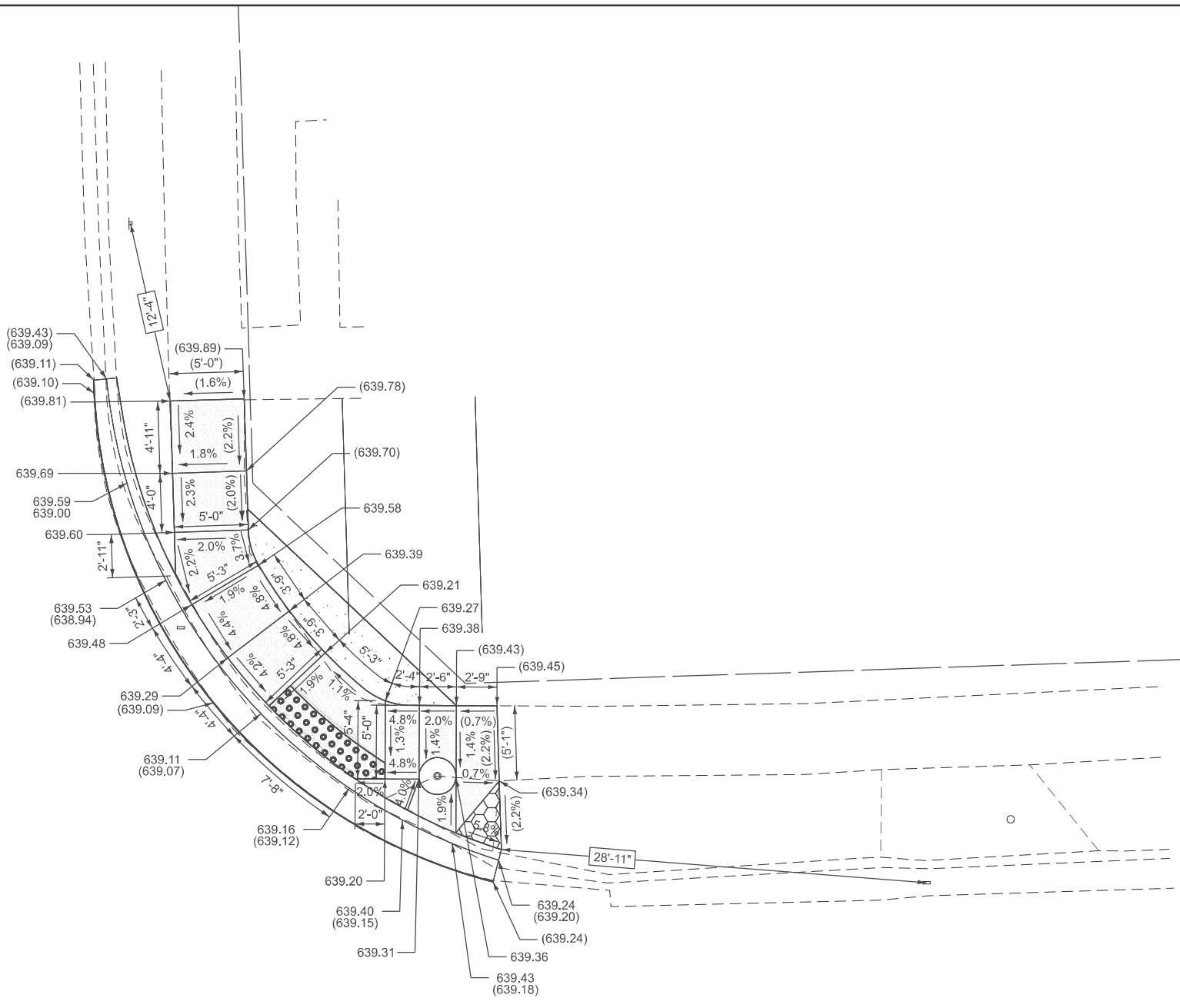
IL-7 ADA DETAILS
 NICHOLSON SW & SE

SCALE: SHEET 25 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	47
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



DEARBORN ST



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 641.172
 BENCHMARK: NW BOLT
 LOCATION: SE INTXN FIRE HYDRANT
 N: 1779574.790'
 E: 1049959.937'

REFERENCE BENCHMARK: 639.516
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779655.237'
 E: 1049955.437'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

MODEL: NE-6 (Sheet)
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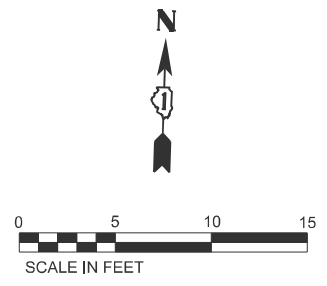
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

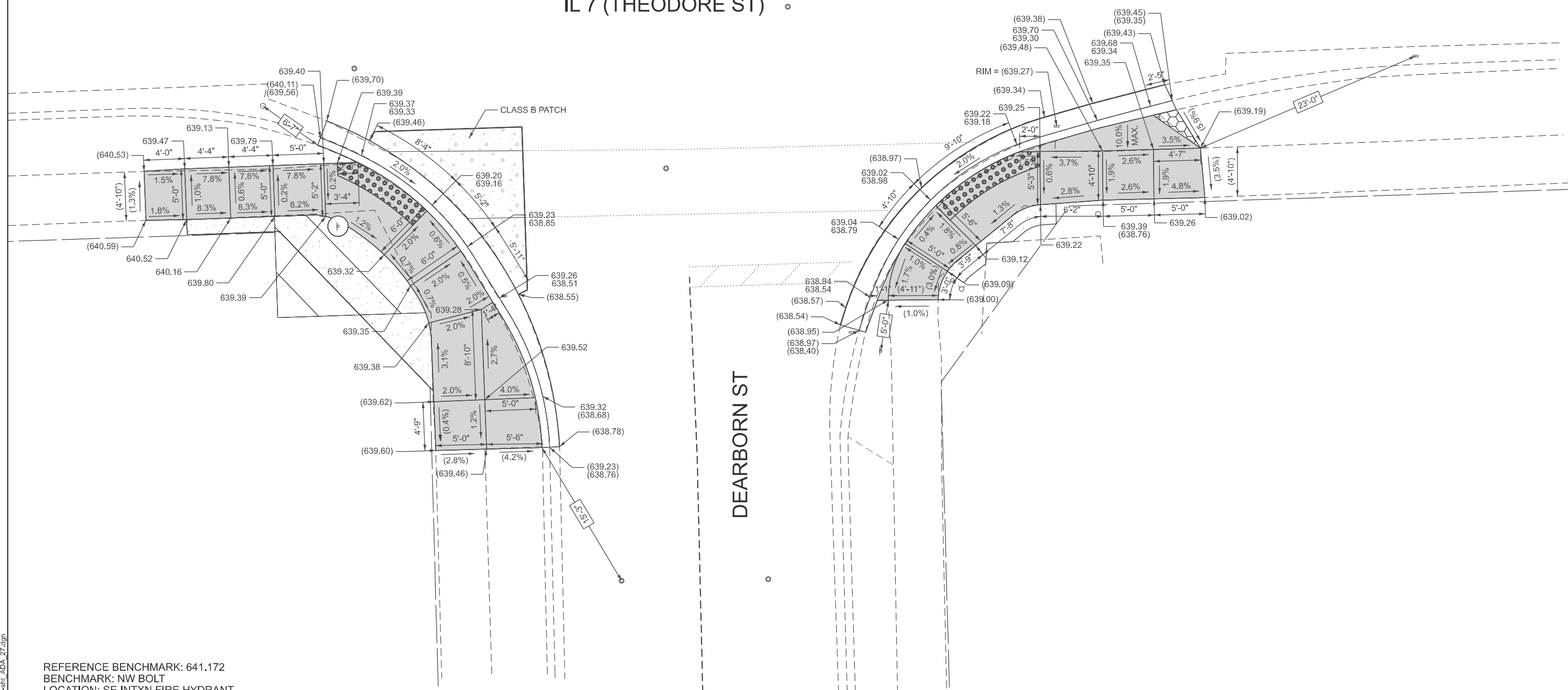
**IL-7 ADA DETAILS
 DEARBORN NE**

SCALE: SHEET 26 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	48
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



IL 7 (THEODORE ST)



REFERENCE BENCHMARK: 641.172
 BENCHMARK: NW BOLT
 LOCATION: SE INTXN FIRE HYDRANT
 N: 1779574.790'
 E: 1049959.937'

REFERENCE BENCHMARK: 639.516
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NE INTXN
 N: 1779655.237'
 E: 1049955.437'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

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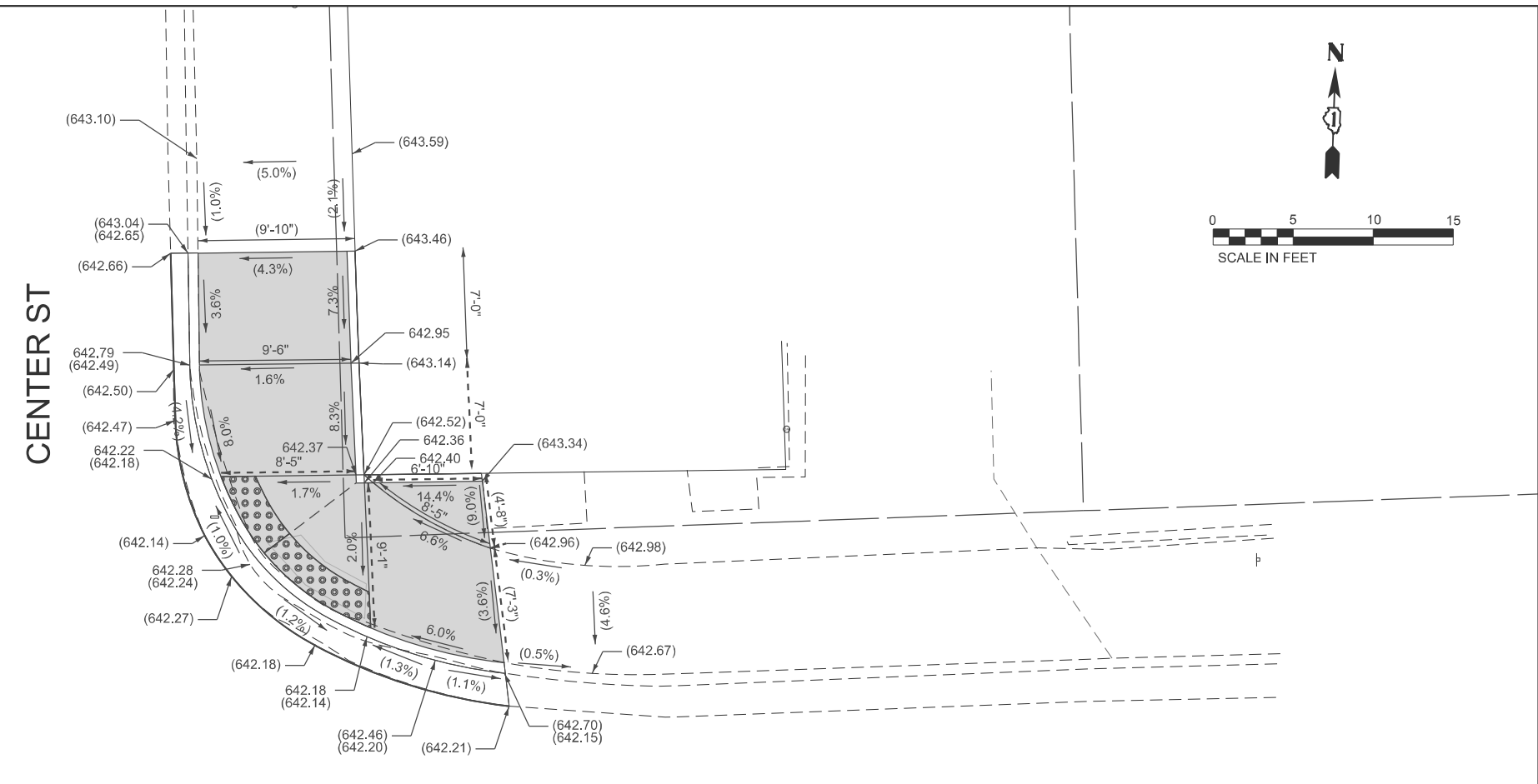
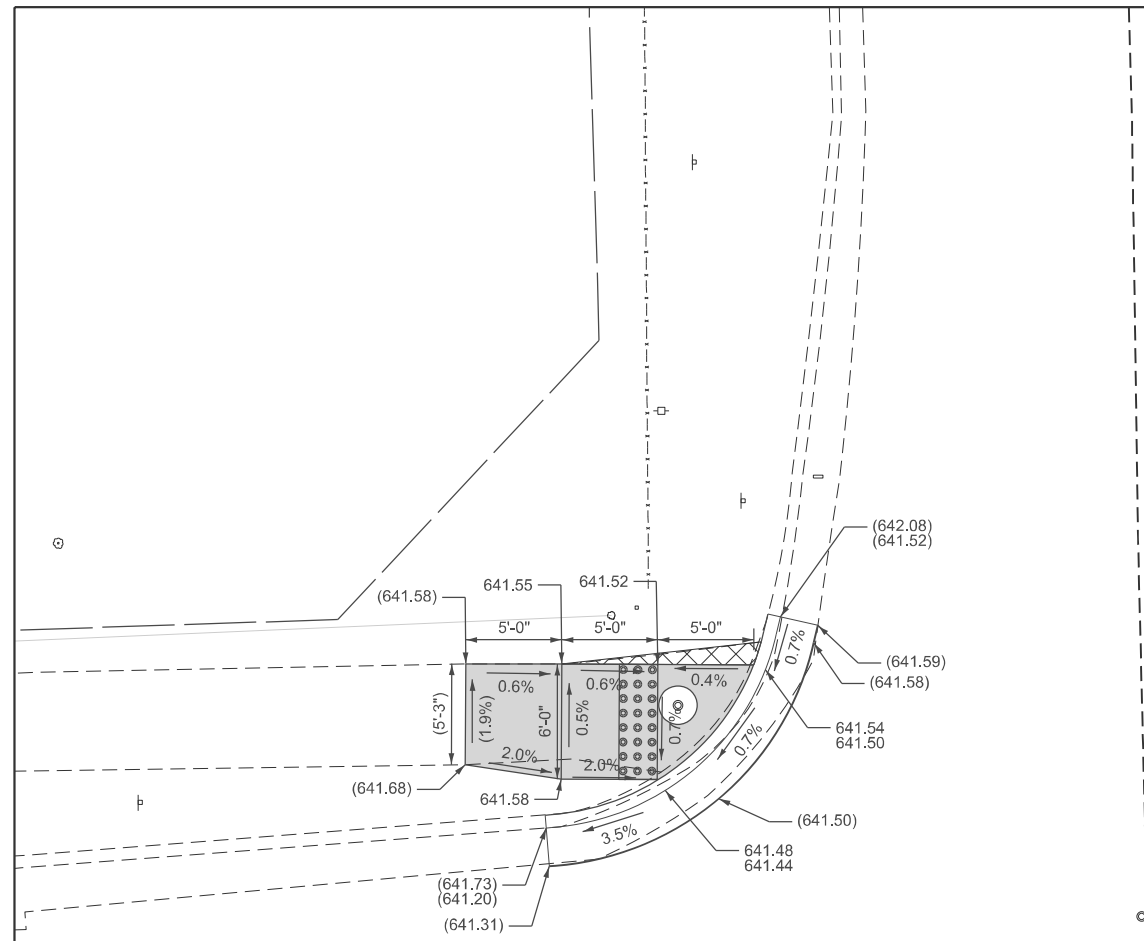
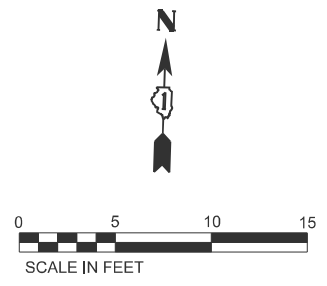
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PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL-7 ADA DETAILS
 DEARBORN SW & SE**

SCALE: SHEET 27 OF 31 SHEETS STA. TO STA.

F.A. RTE. 871	SECTION 2025-2018-RS,SW	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 49
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	



IL 7 (THEODORE ST)

REFERENCE BENCHMARK: 641.869
 BENCHMARK: ARROW BOLT
 LOCATION: SW INTXN FIRE HYDRANT
 N: 1779567.415'
 E: 1050248.559'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
—	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Stippled]	CLASS B PATCH	[Hexagonal]	PCC DRIVEWAY
[Dotted]	CLASS D PATCH		

MODEL: N-5 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
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PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

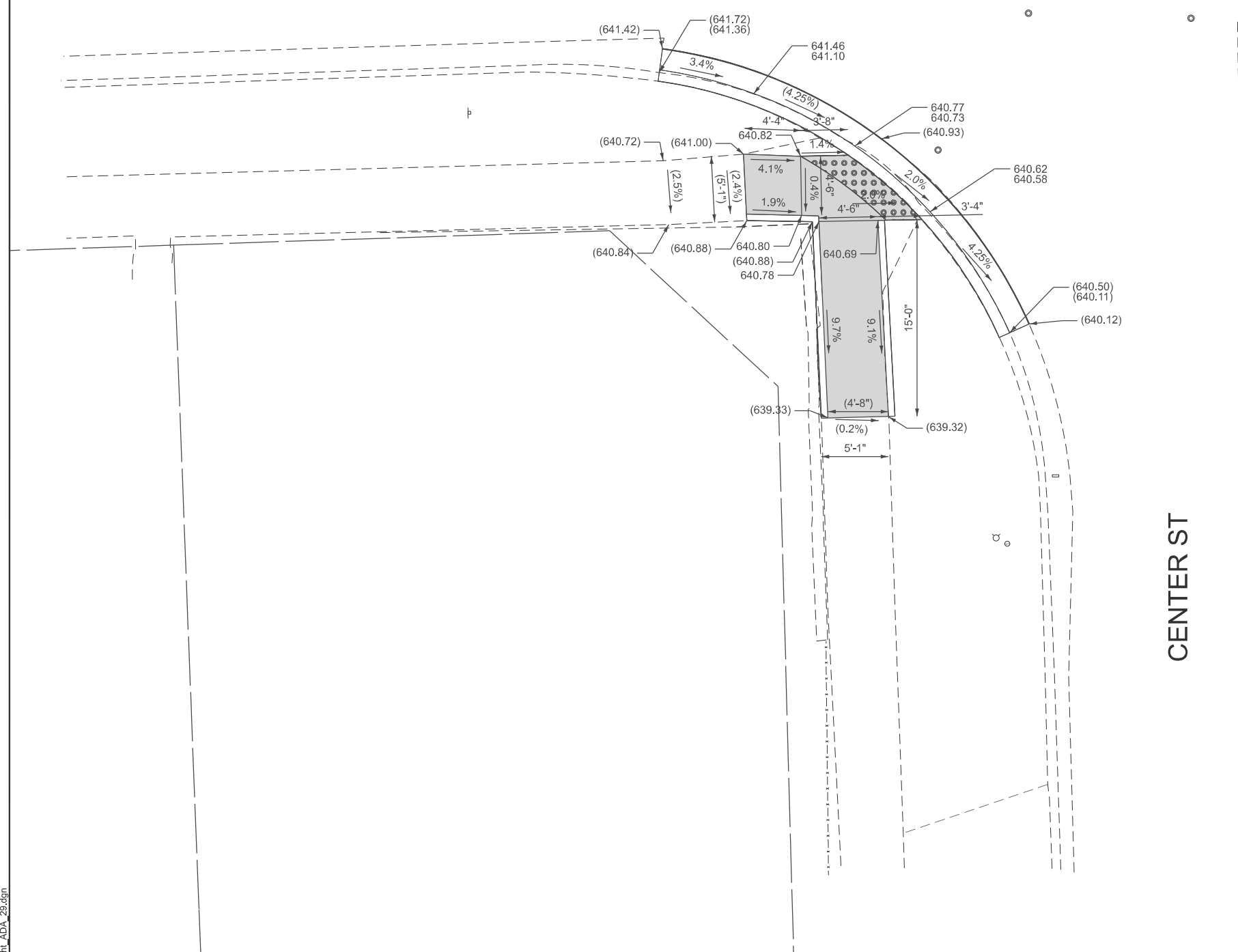
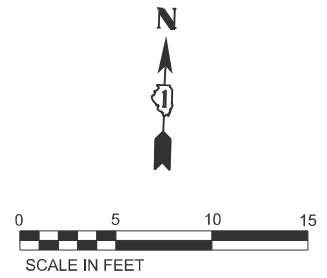
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 CENTER NW & NE

SCALE: SHEET 28 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	50
CONTRACT NO. 80B05			ILLINOIS FED. AID PROJECT	

IL 7 (THEODORE ST)



CENTER ST

REFERENCE BENCHMARK: 641.869
 BENCHMARK: ARROW BOLT
 LOCATION: SW INTXN FIRE HYDRANT
 N: 1779567.415'
 E: 1050248.559'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
---	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: SW-4 (Sheet)
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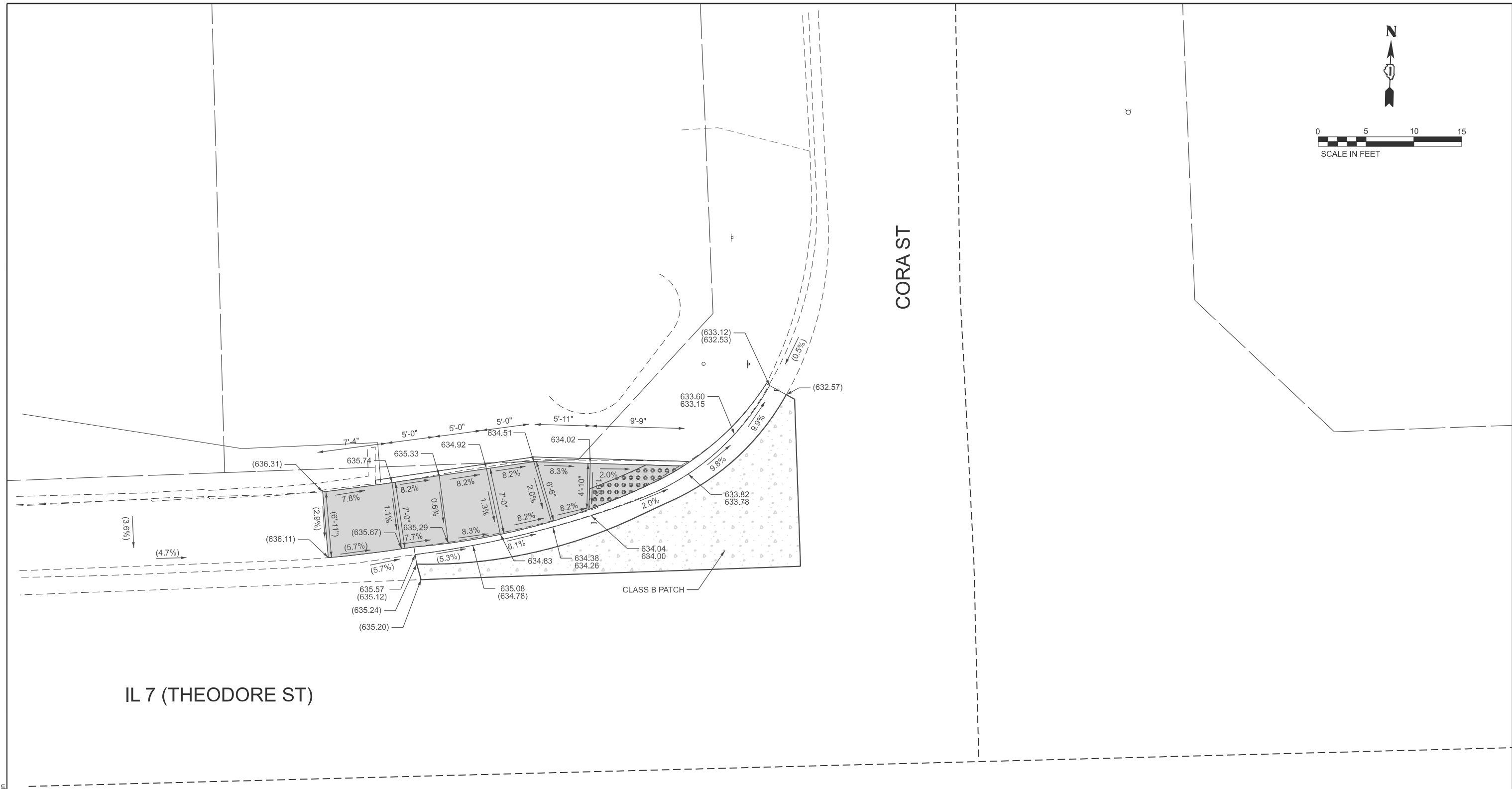
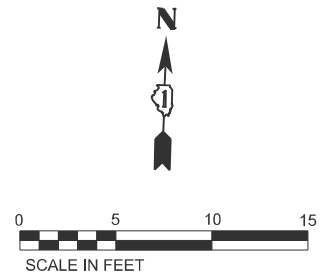
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	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
CENTER SW

SCALE: SHEET 29 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	51
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



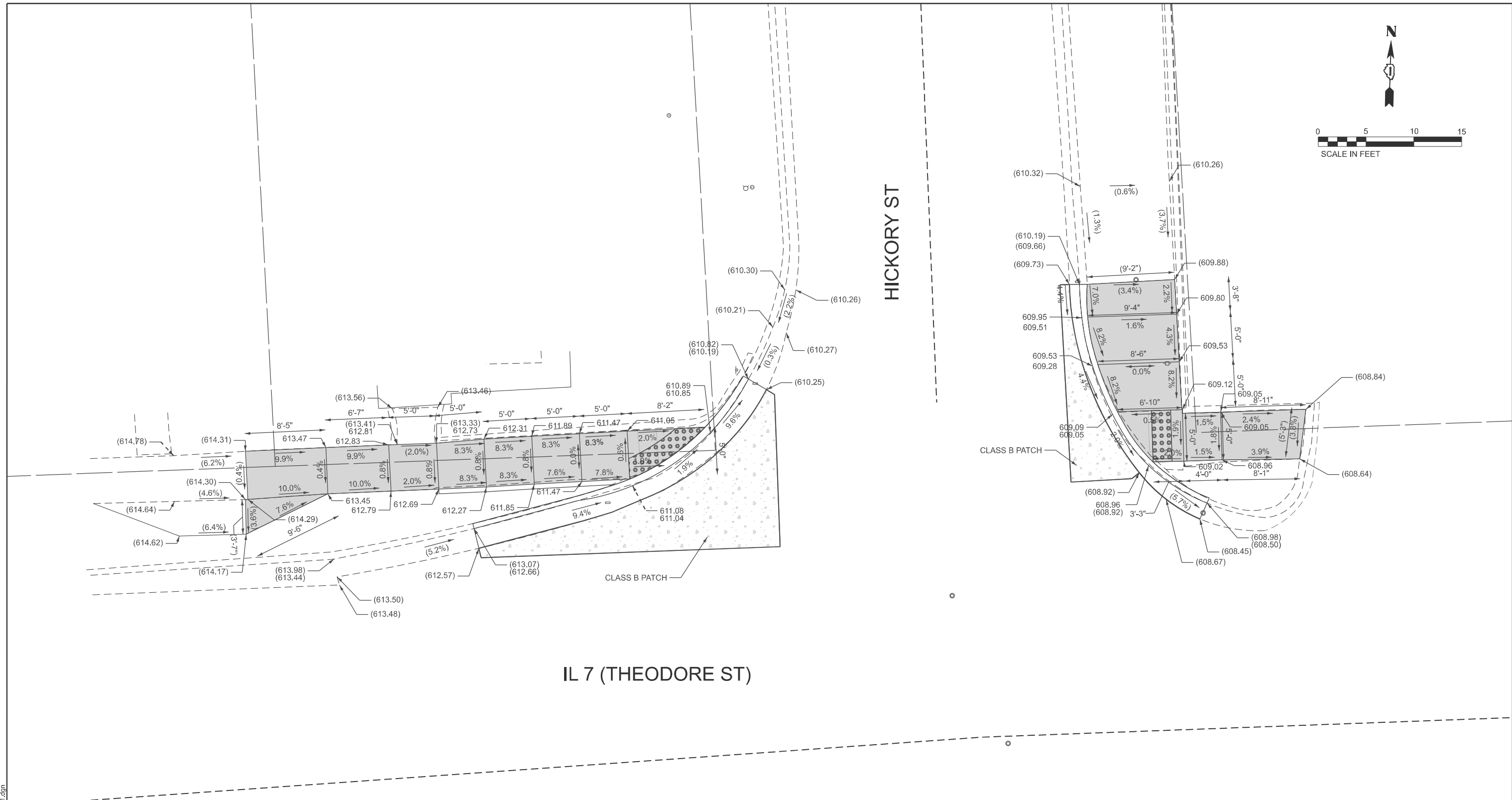
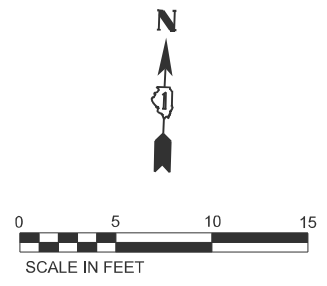
REFERENCE BENCHMARK: 635.057
 BENCHMARK: X CUT @ SIDEWALK
 LOCATION: NW INTXN
 N: 1779664.885'
 E: 1050594.124'

REFERENCE BENCHMARK: 651.036
 BENCHMARK: NE BOLT
 LOCATION: NE INTXN FIRE HYDRANT
 N: 1779705.472'
 E: 1050661.251'

()	EXISTING LENGTH / ELEVATION / SLOPE		PROPOSED SIDEWALK, 5 INCH
---	PROPOSED SIDE CURB		PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION		DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION		SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
	CLASS B PATCH		PCC DRIVEWAY
	CLASS D PATCH		

MODEL: NW-4 (Sheet)
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	PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISIED -			871	2025-2018-RS,SW	WILL	82	52
SCALE: SHEET 30 OF 31 SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK: 614.039
 BENCHMARK: CUT SQUARE
 LOCATION: 1050965.043'
 N: 1779684.309'
 E: 1050965.043'

()	EXISTING LENGTH / ELEVATION / SLOPE	[Solid Grey]	PROPOSED SIDEWALK, 5 INCH
---	PROPOSED SIDE CURB	[Dotted Grey]	PROPOSED SIDEWALK, 8 INCH
X.XX	TOP OF CURB ELEVATION	[Grid Pattern]	DETECTABLE WARNINGS
X.XX	FLOW LINE ELEVATION	[Cross-hatch]	SIDEWALK / C&G REMOVAL TO BE REPLACED W/TOPSIL & SOD
[Dotted Grey]	CLASS B PATCH	[Hexagonal Pattern]	PCC DRIVEWAY
[Dotted Grey]	CLASS D PATCH		

MODEL: N-6 (Sheet)
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USER NAME = TylerD	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - TDP	REVISED -
PLOT DATE = 02/27/2026	DATE - 2024/07/01	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL-7 ADA DETAILS
 HICKORY NW

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
871	2025-2018-RS,SW	WILL	82	53
CONTRACT NO. 80B05				
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	RAILROAD NO. 14 3/C		
ALUMINUM MAST ARM ASSEMBLY AND POLE			INTERSECTION ITEM	I	IP	ELECTRIC CABLE, RAILROAD, NO. 14, 3/C		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			REMOVAL ITEM		R	ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			RELOCATE ITEM		RL	VENDOR CABLE		
WOOD POLE			ABANDON ITEM		A	EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C		
GUY WIRE			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	OUTDOOR RATED NETWORK CABLE		
SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	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 WITH BACKPLATE			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF	GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
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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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

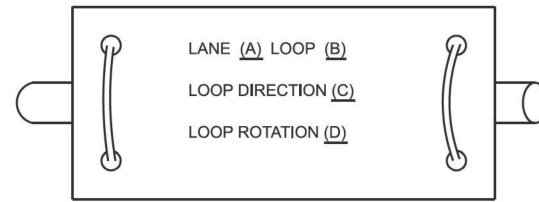
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 54
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				

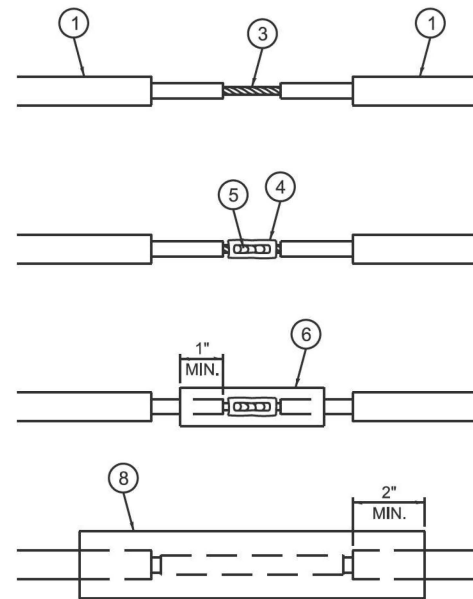
DETECTOR LOOP NOTES:

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.



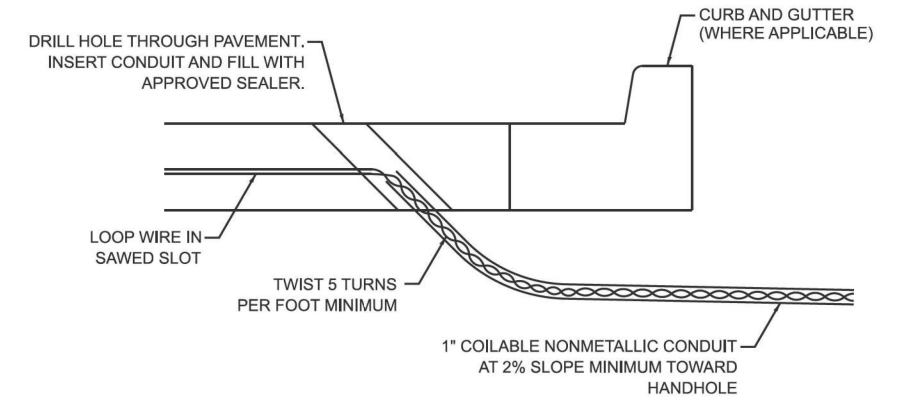
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

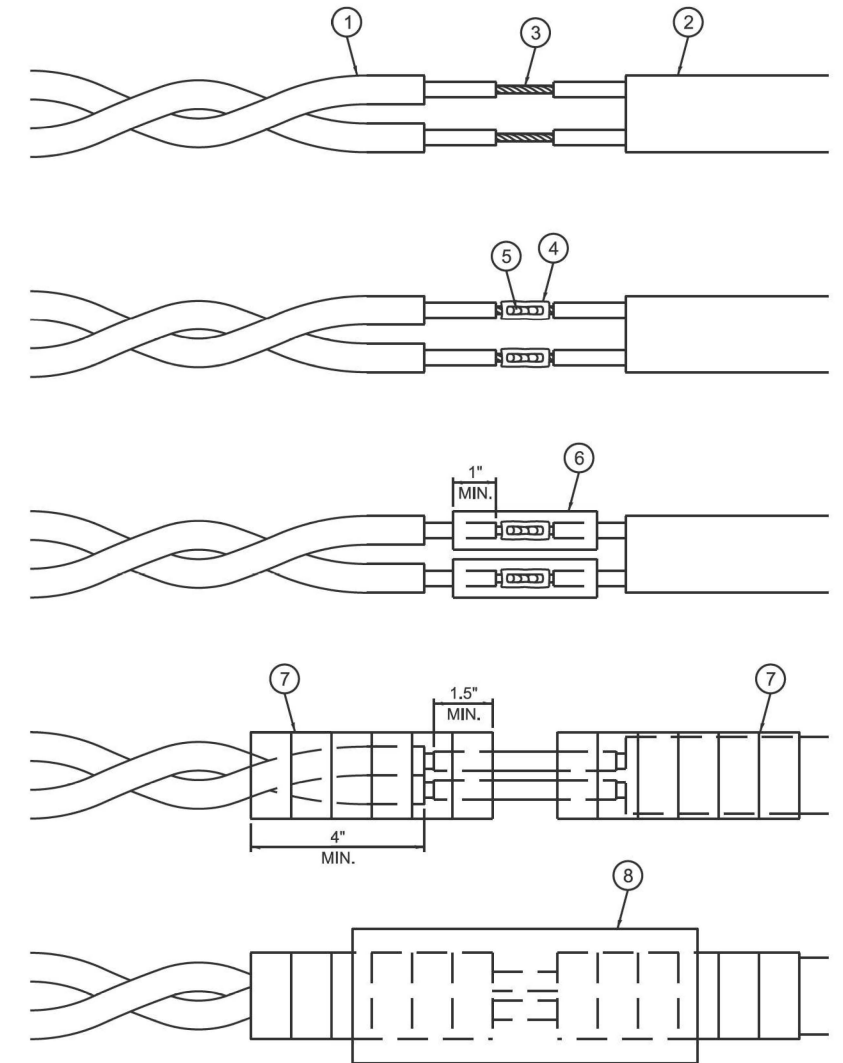


LOOP-TO-LOOP SPLICE DETAIL

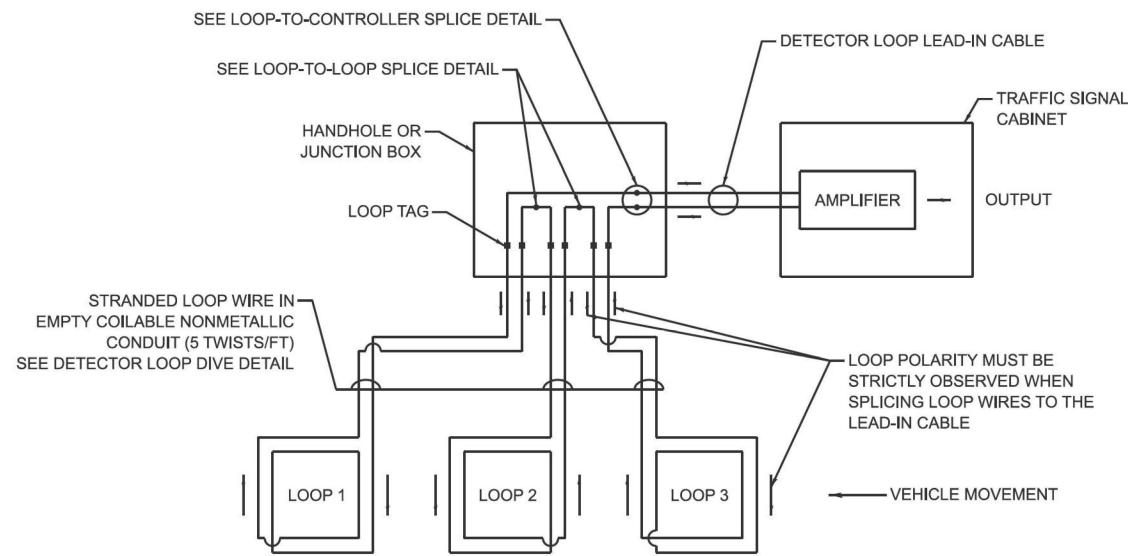
- 1 DETECTOR LOOP CABLE.
- 2 DETECTOR LOOP LEAD-IN CABLE
- 3 BARE CONDUCTORS TWISTED TOGETHER.
- 4 BUTT SPLICE CRIMP CONNECTOR.
- 5 SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
- 6 WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, 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



DETECTOR LOOP WIRING SCHEMATIC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

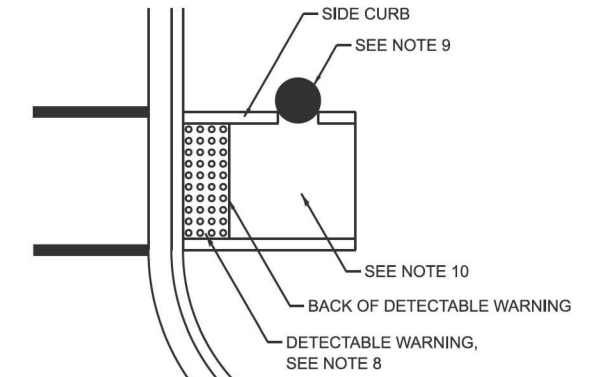
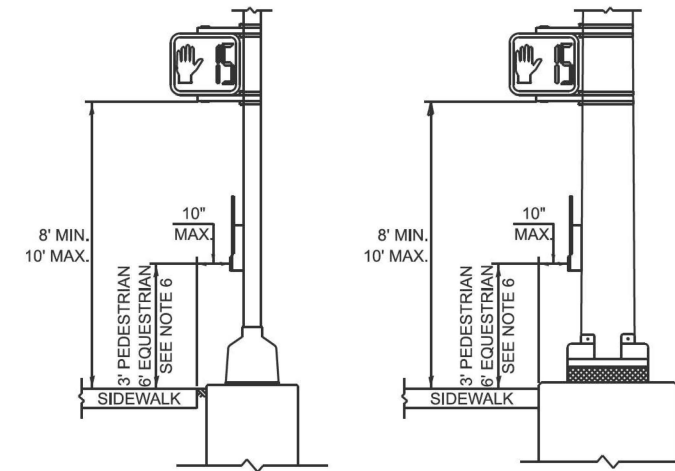
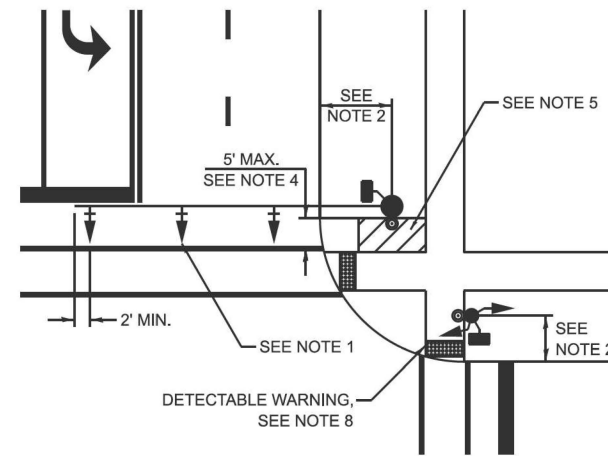
SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 55
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				

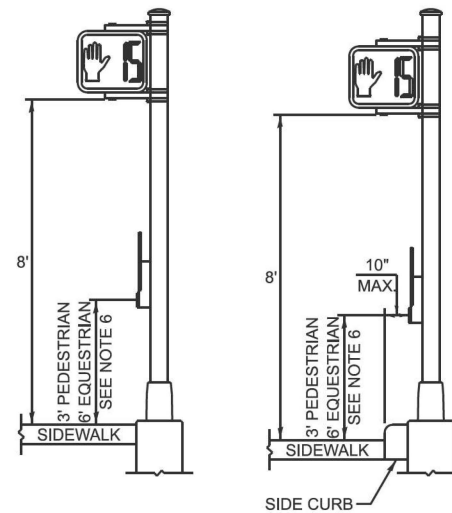
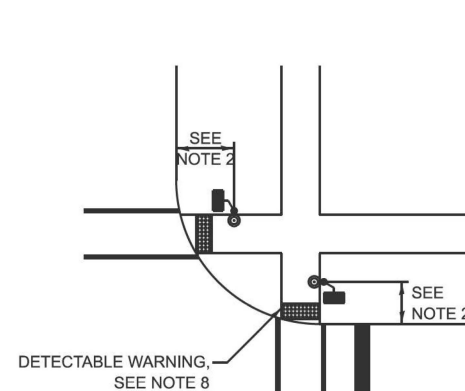
NOTES:

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.

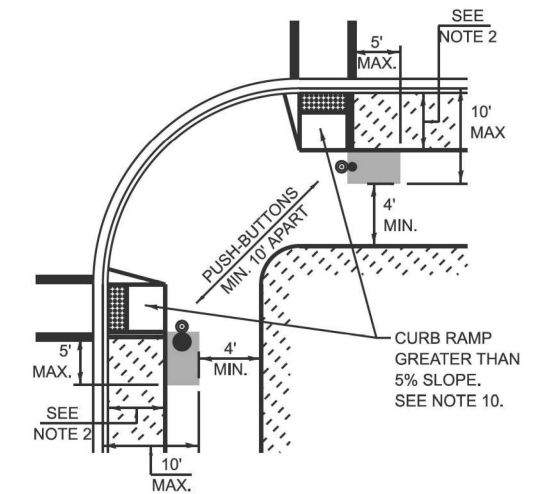
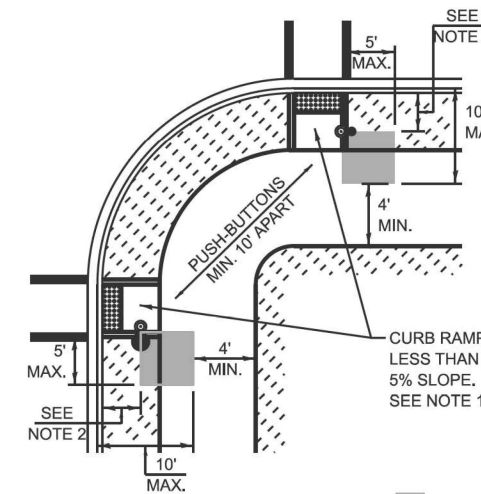
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



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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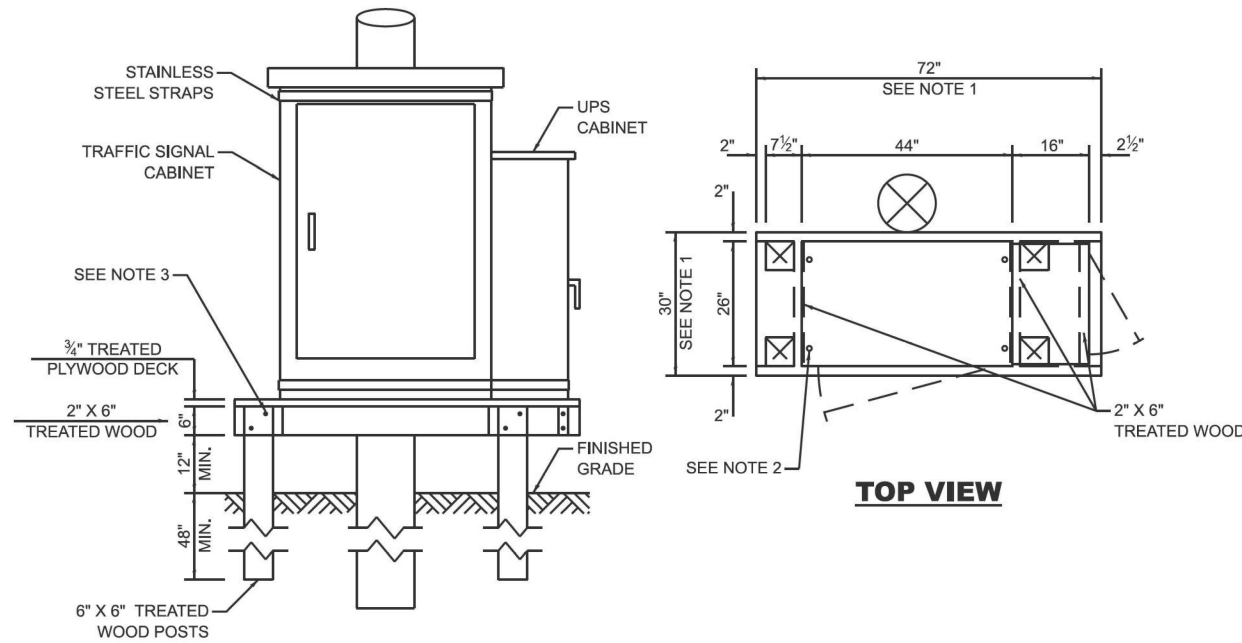
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 56
TS-01			CONTRACT NO. 80B05	
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.

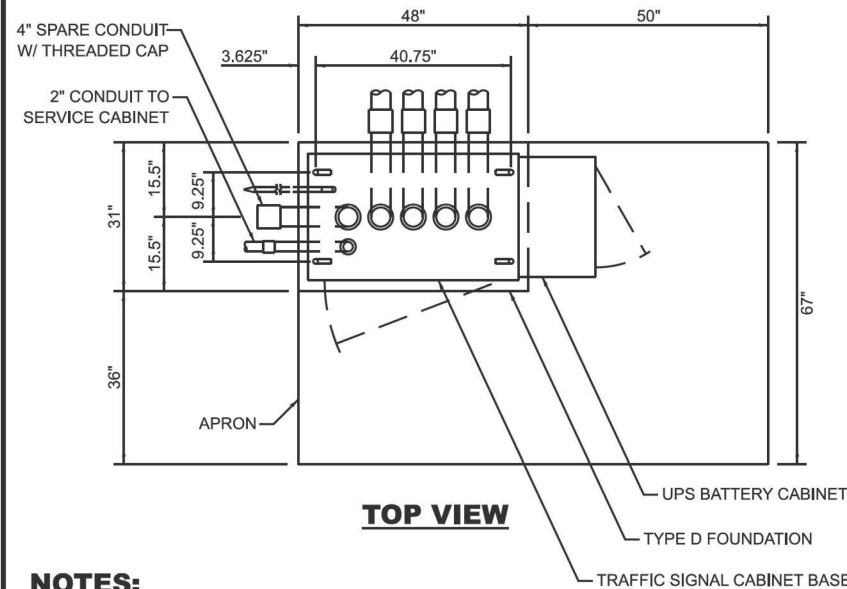
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

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

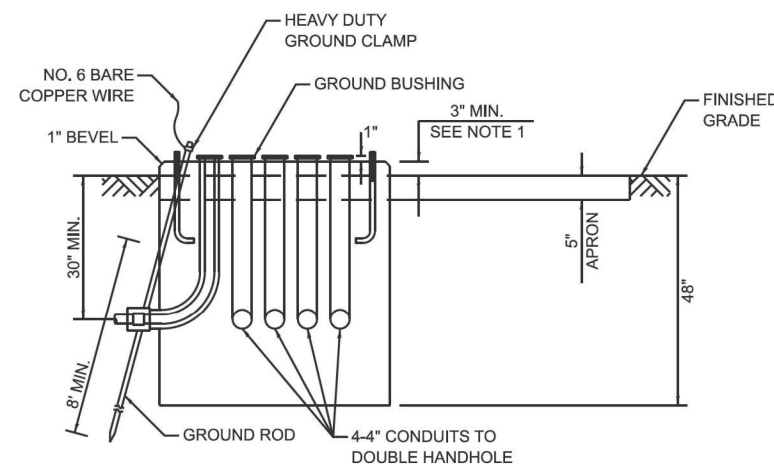
TYPE E FOUNDATION NOTES:

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.

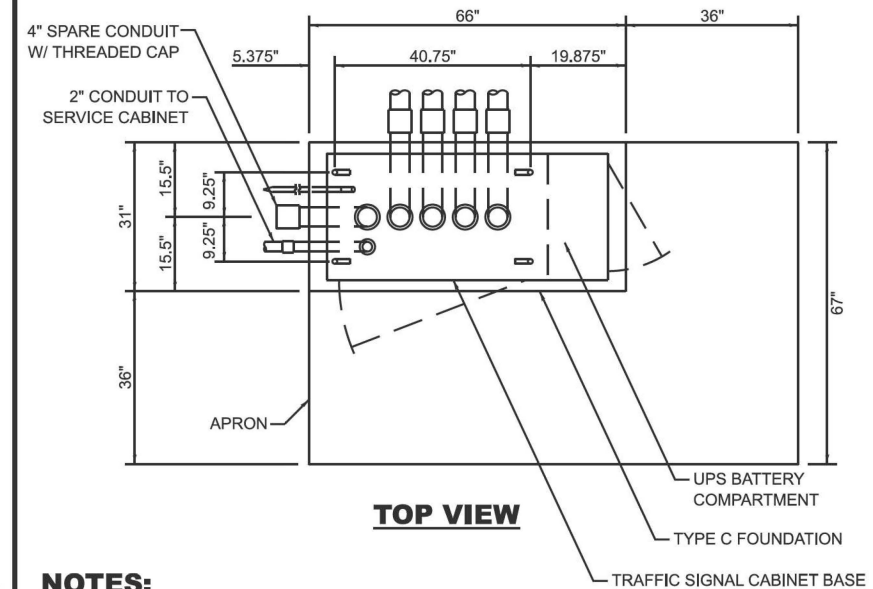


NOTES:

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

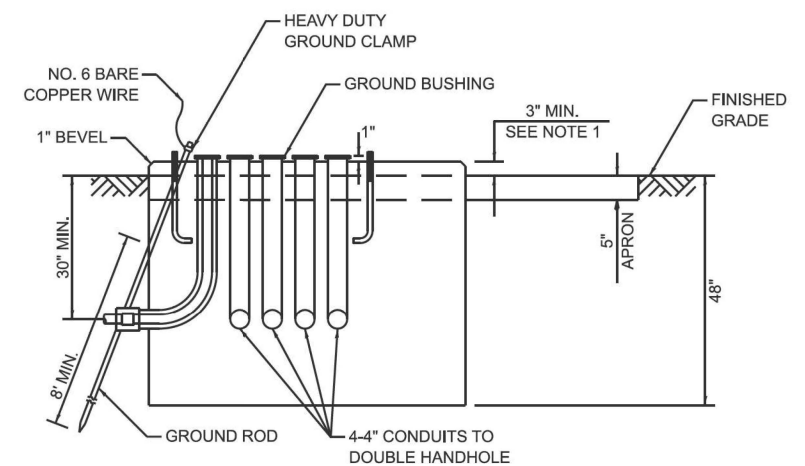


TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



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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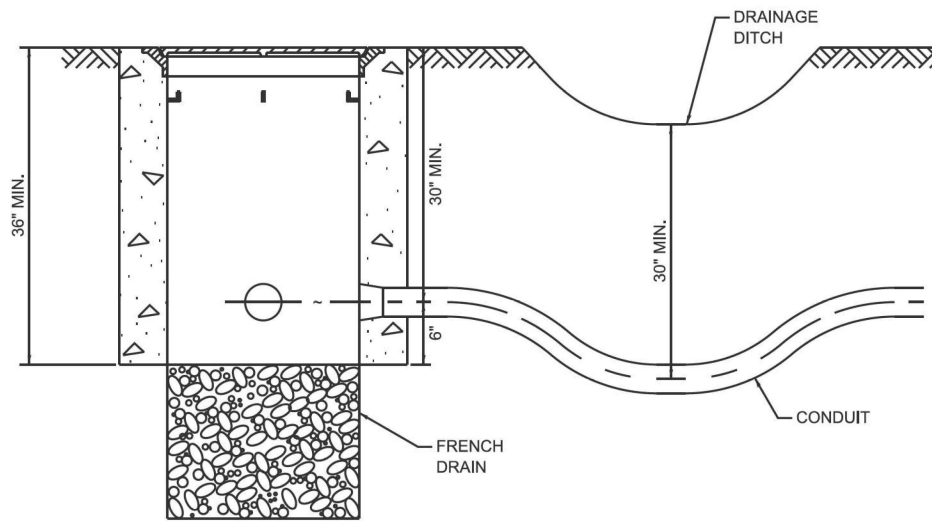
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

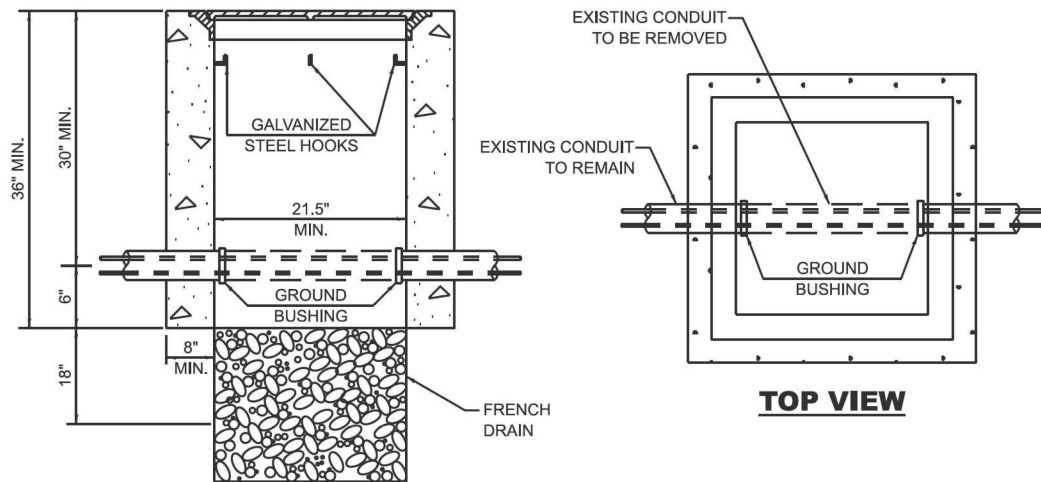
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TS-01			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				



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.

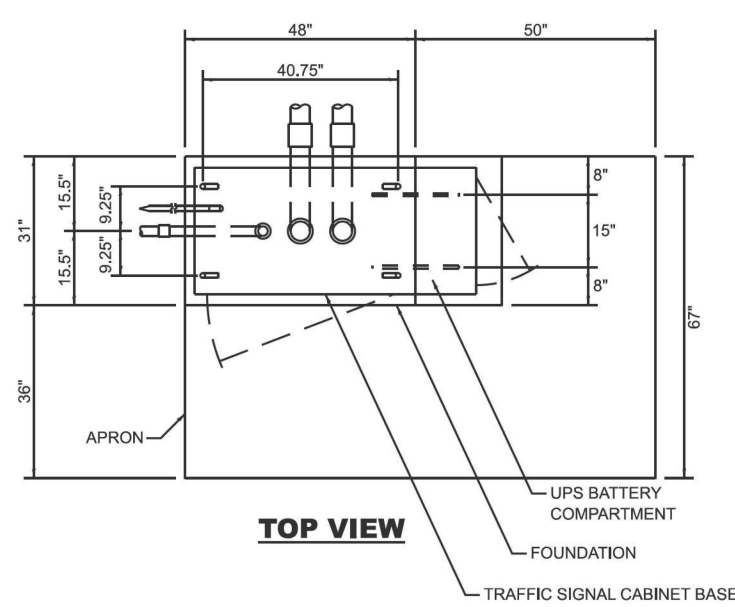
HANDHOLE WITH MINIMUM CONDUIT DEPTH



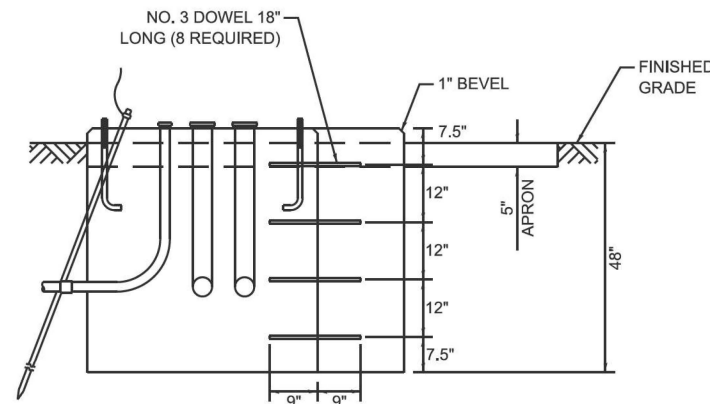
NOTES:

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.

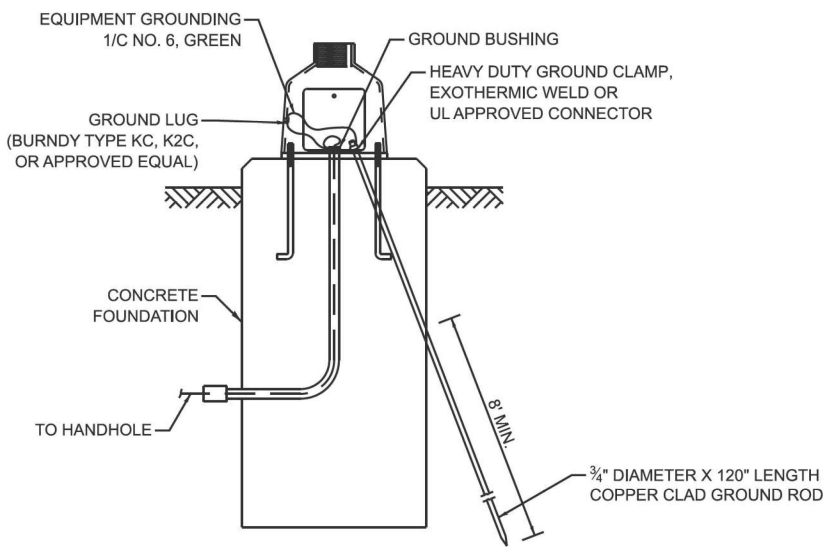
HANDHOLE TO INTERCEPT EXISTING CONDUIT



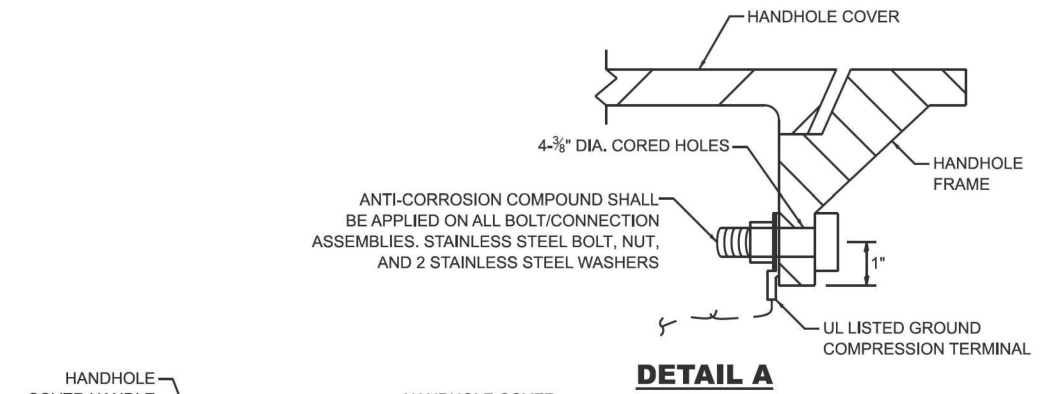
TOP VIEW



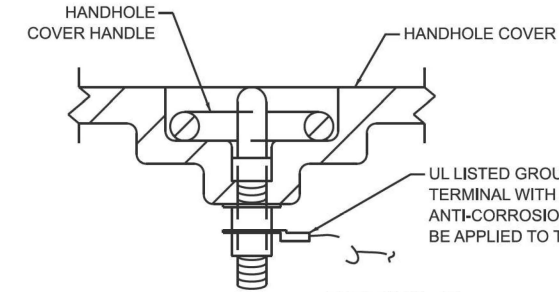
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



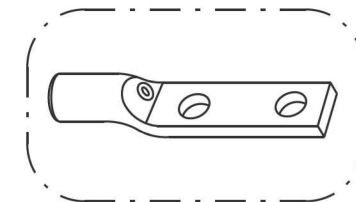
MAST ARM / POST GROUNDING DETAIL



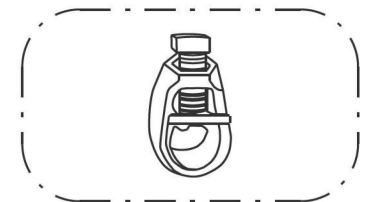
DETAIL A



DETAIL B



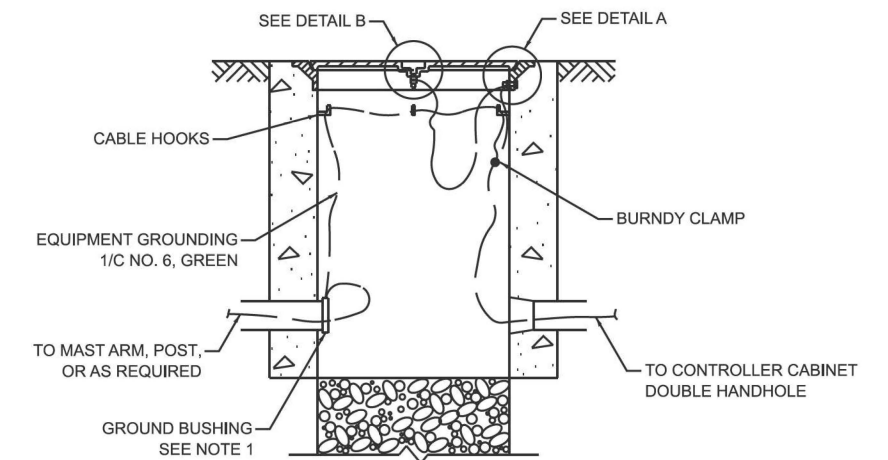
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



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

MODEL: TS-SHT NO. 6
FILE NAME: c:\p\work\ts\ts-sht\lance.demanche\ts-sht.dgn

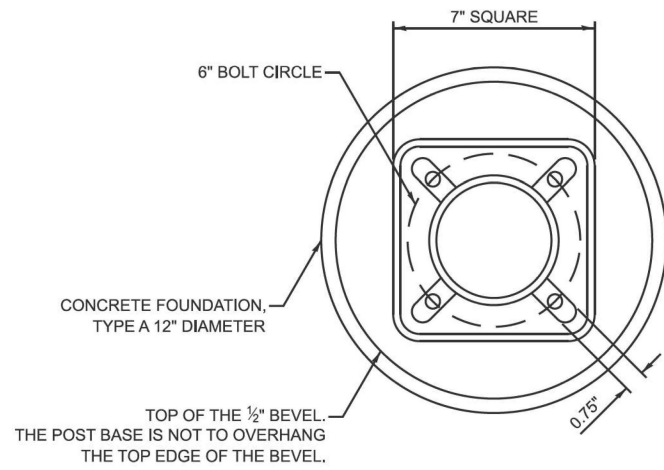
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	DRAWN - IP	REVISED -
PLOT SCALE = \$\$CALES	CHECKED - NB/KK	REVISED -
PLOT DATE = 12/16/2025	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

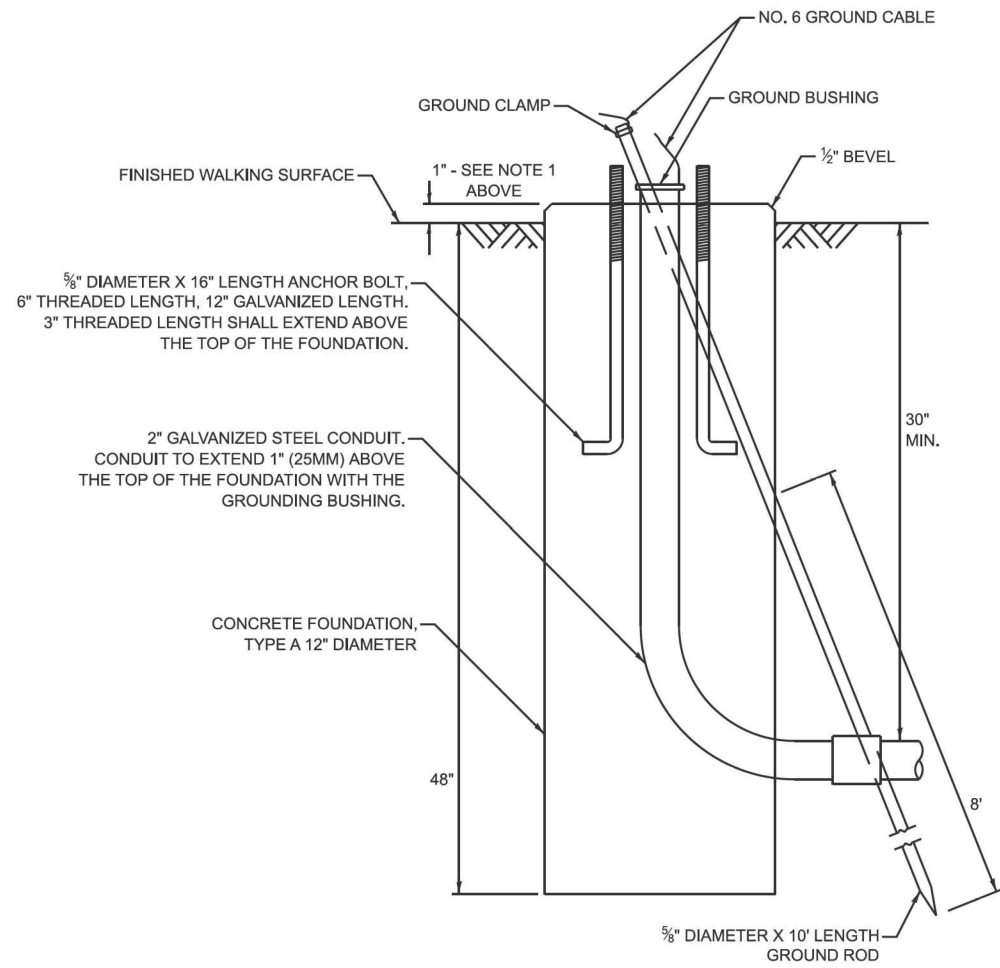
F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 59
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



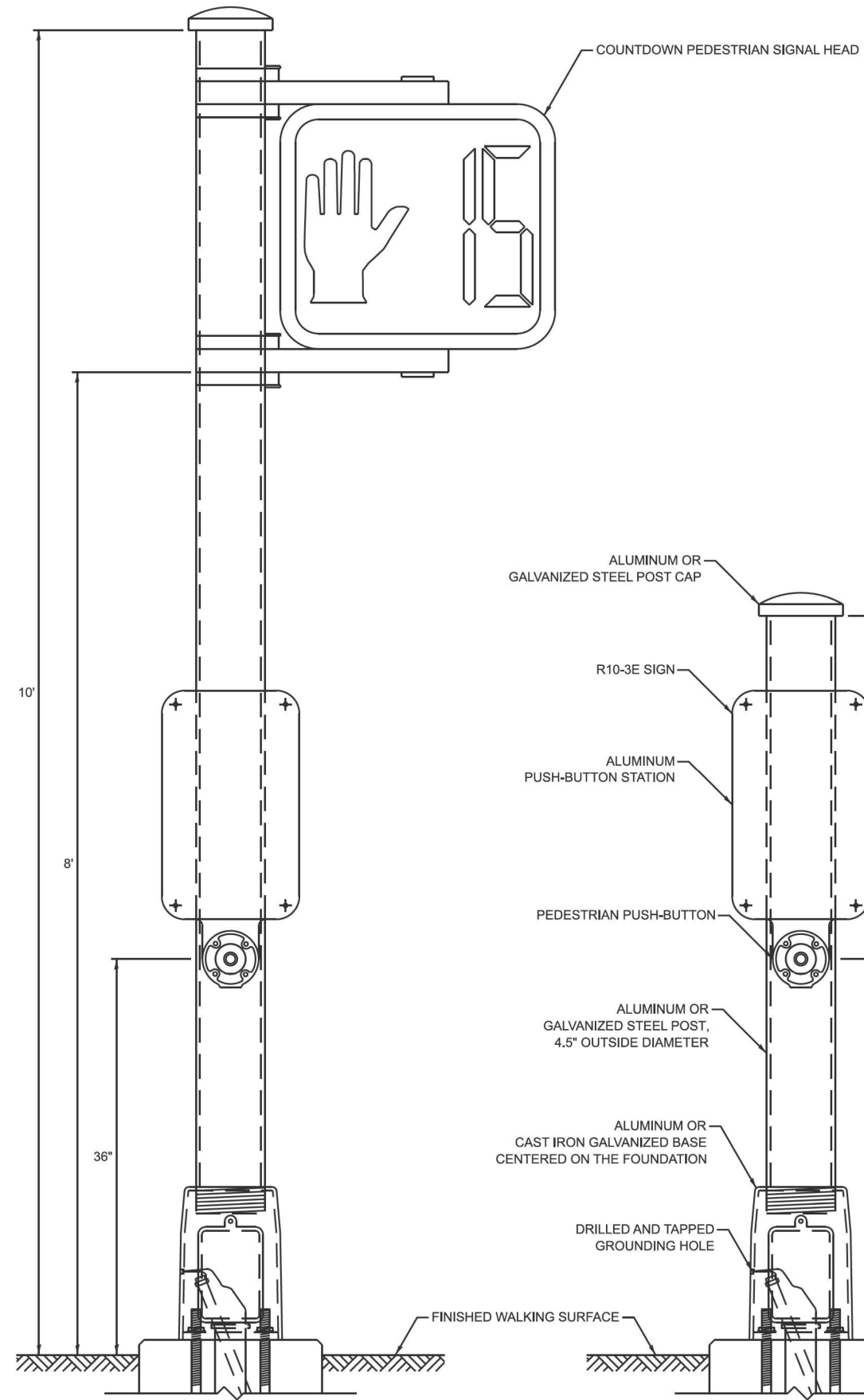
BOLT PATTERN

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.

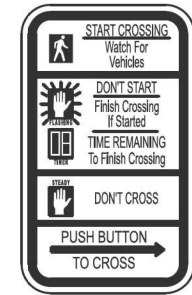


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-101
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 W10-101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

MODEL: TS-SHT NO. 7
 FILE NAME: c:\p\work\ts\ts\lawrence.demanche\illinois.gov\0951416\TS-01.dgn

USER NAME = lawrence.demanche	DESIGNED - IP	REVISED -
	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

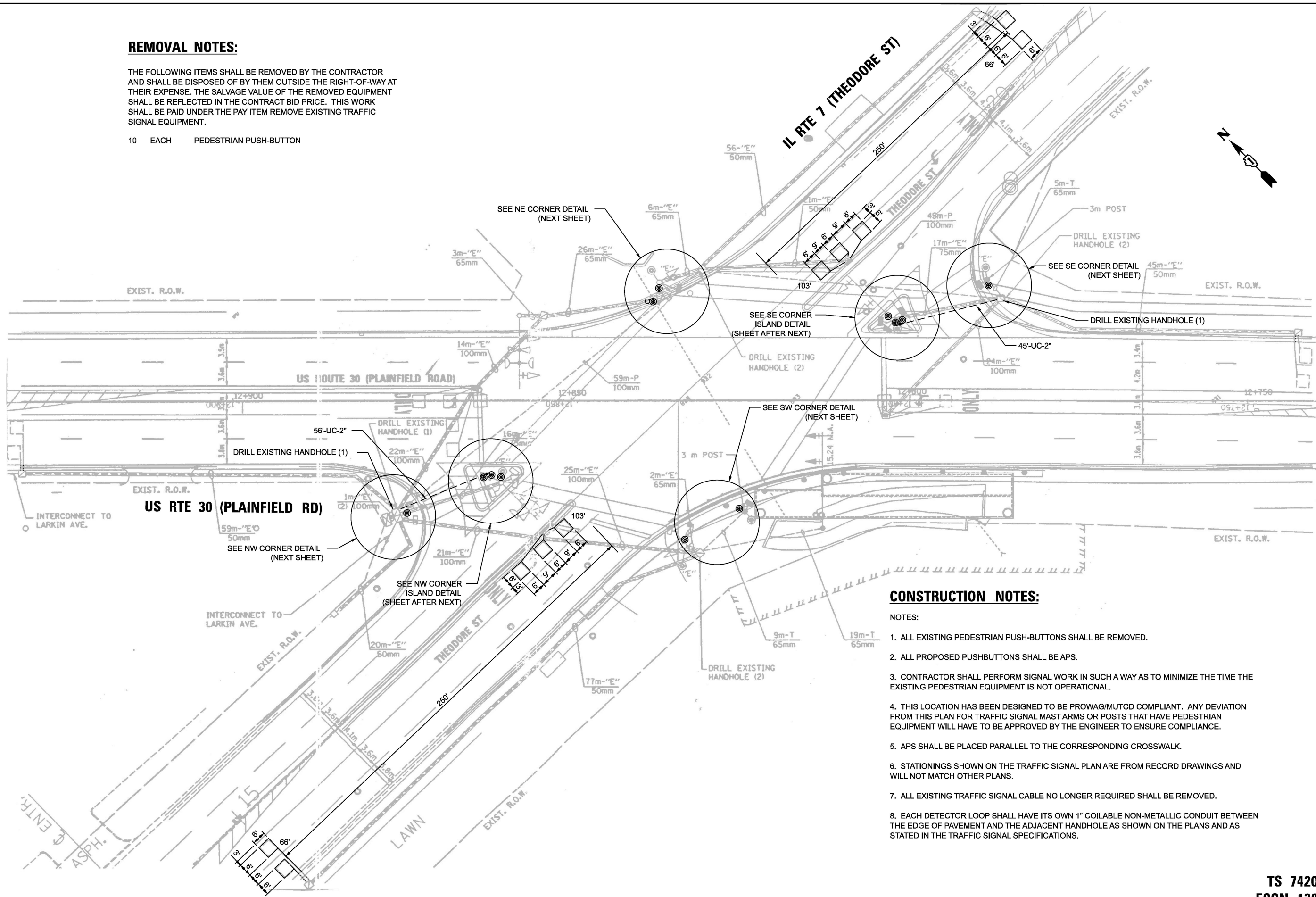
SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS	WILL	82	60
TS-01			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE. THIS WORK SHALL BE PAID UNDER THE PAY ITEM REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

10 EACH PEDESTRIAN PUSH-BUTTON



CONSTRUCTION NOTES:

NOTES:

1. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
4. THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR TRAFFIC SIGNAL MAST ARMS OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. 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.

TS SHT NO. 08

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AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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DRAWN - TM	REVISED -	
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PLOT DATE = 2/10/2026	DATE - 03-13-2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 3)
US RTE 30 (PLAINFIELD RD) AND IL RTE 7 (THEODORE ST)

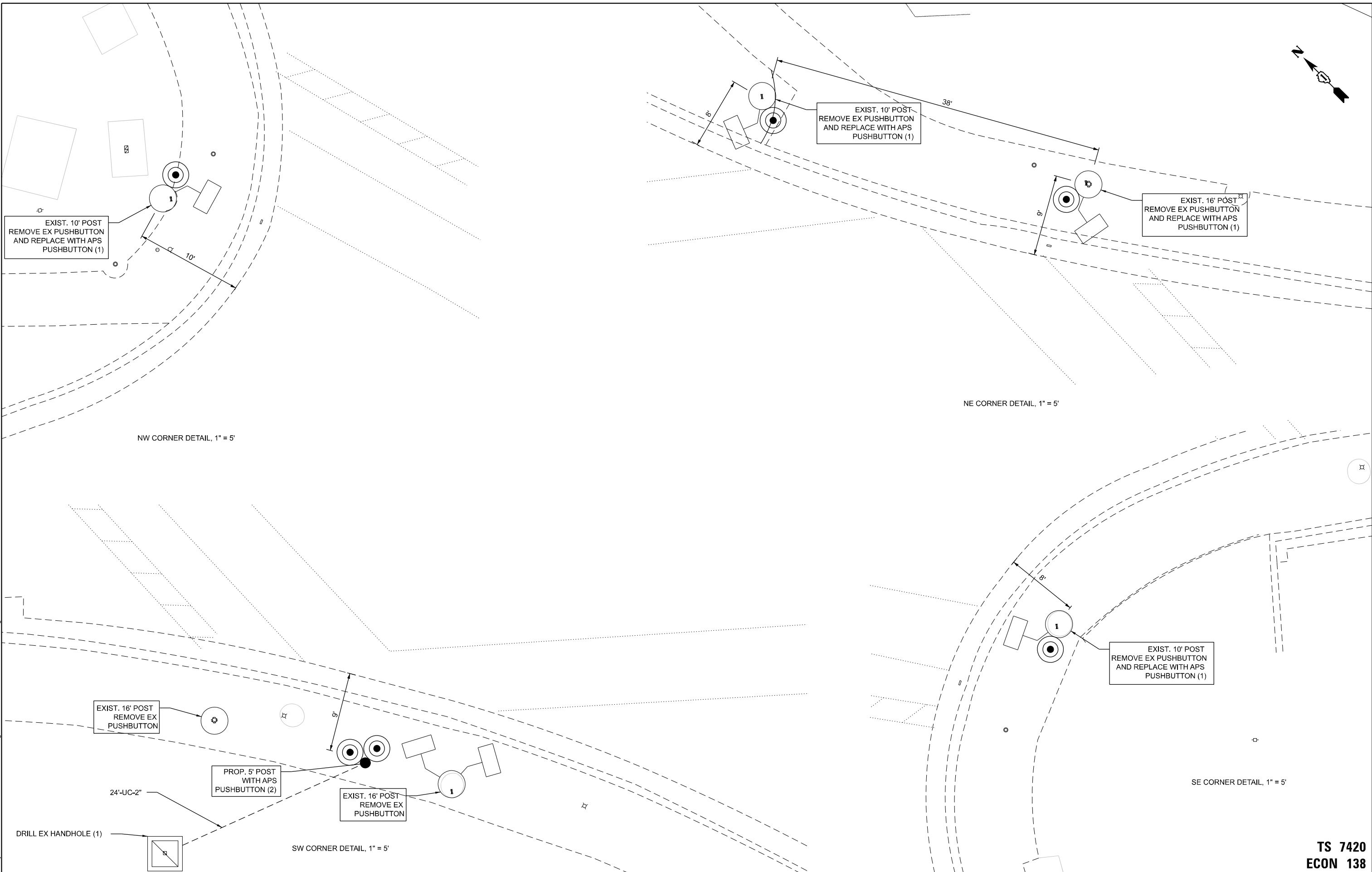
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 61
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

TS 7420
ECON 138

TS SHT NO. 09

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AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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	DATE - 03-13-2026	REVISED -

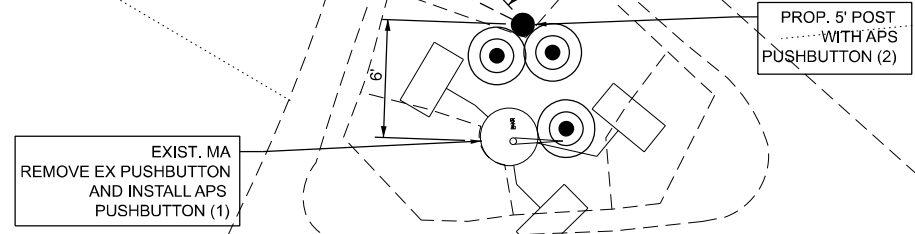
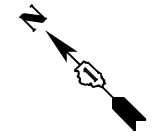
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 3)
US RTE 30 (PLAINFIELD RD) AND IL RTE 7 (THEODORE ST)**

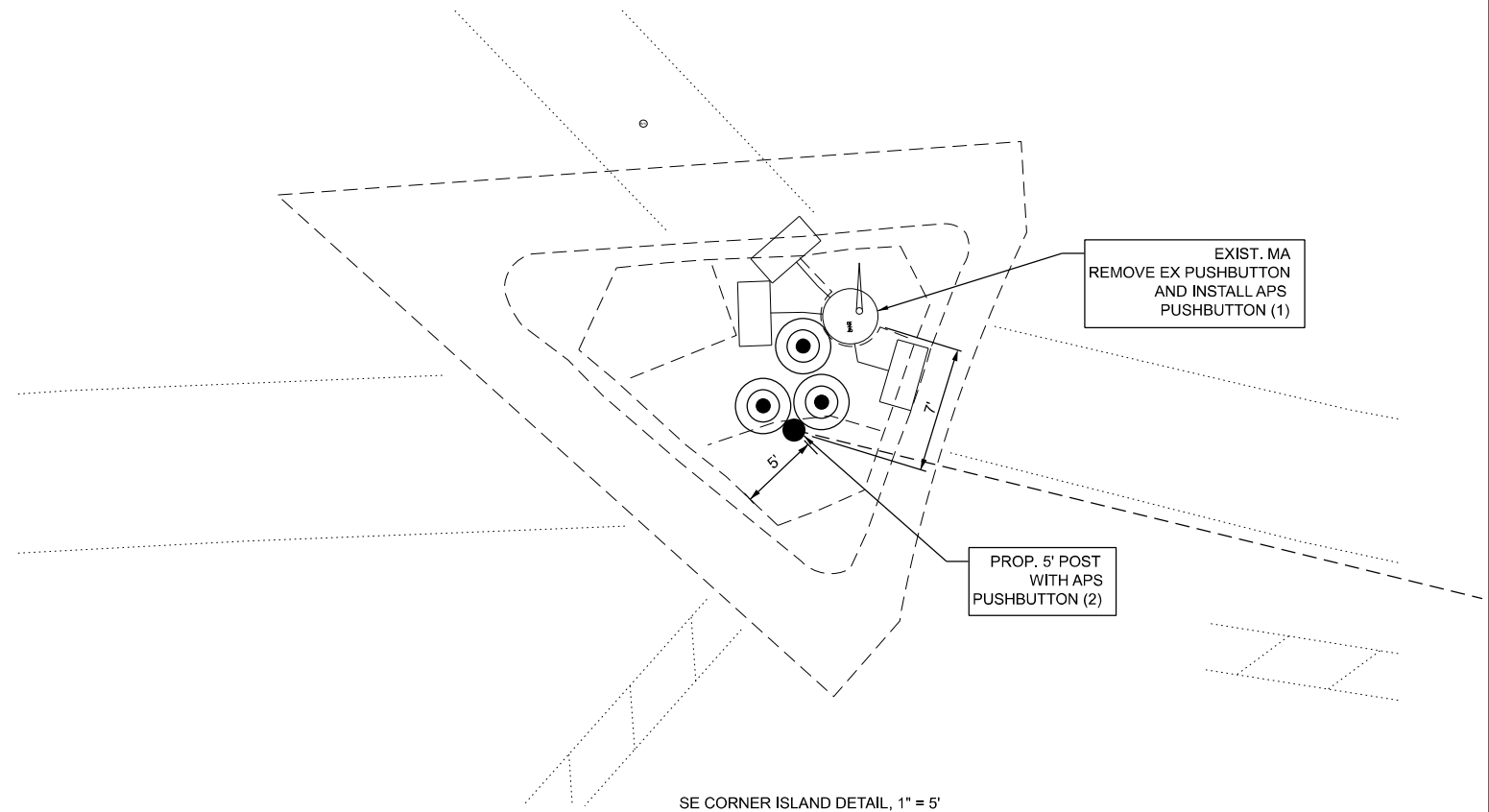
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

**TS 7420
ECON 138**



NW CORNER ISLAND DETAIL, 1" = 5'



SE CORNER ISLAND DETAIL, 1" = 5'

TS SHT NO. 10

FILE NAME: F:\Projects\1078 - VV Phase II - Items\WO 25\Design\Sheet\80B05-sht-TS10-MOD3 US 30.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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DRAWN - TM	CHECKED - AS	REVISED -
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PLOT DATE = 2/10/2026		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

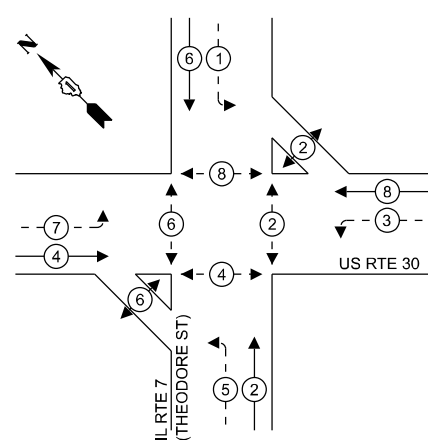
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 3 OF 3)
US RTE 30 (PLAINFIELD RD) AND IL RTE 7 (THEODORE ST)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 63
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

TS 7420
ECON 138

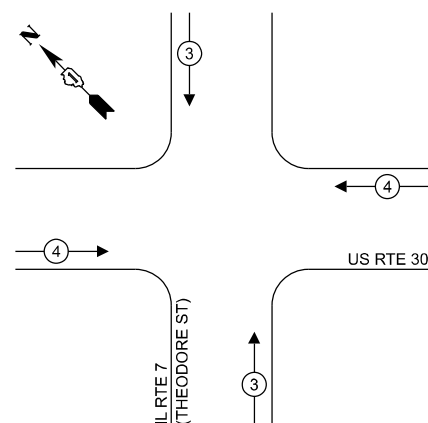
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

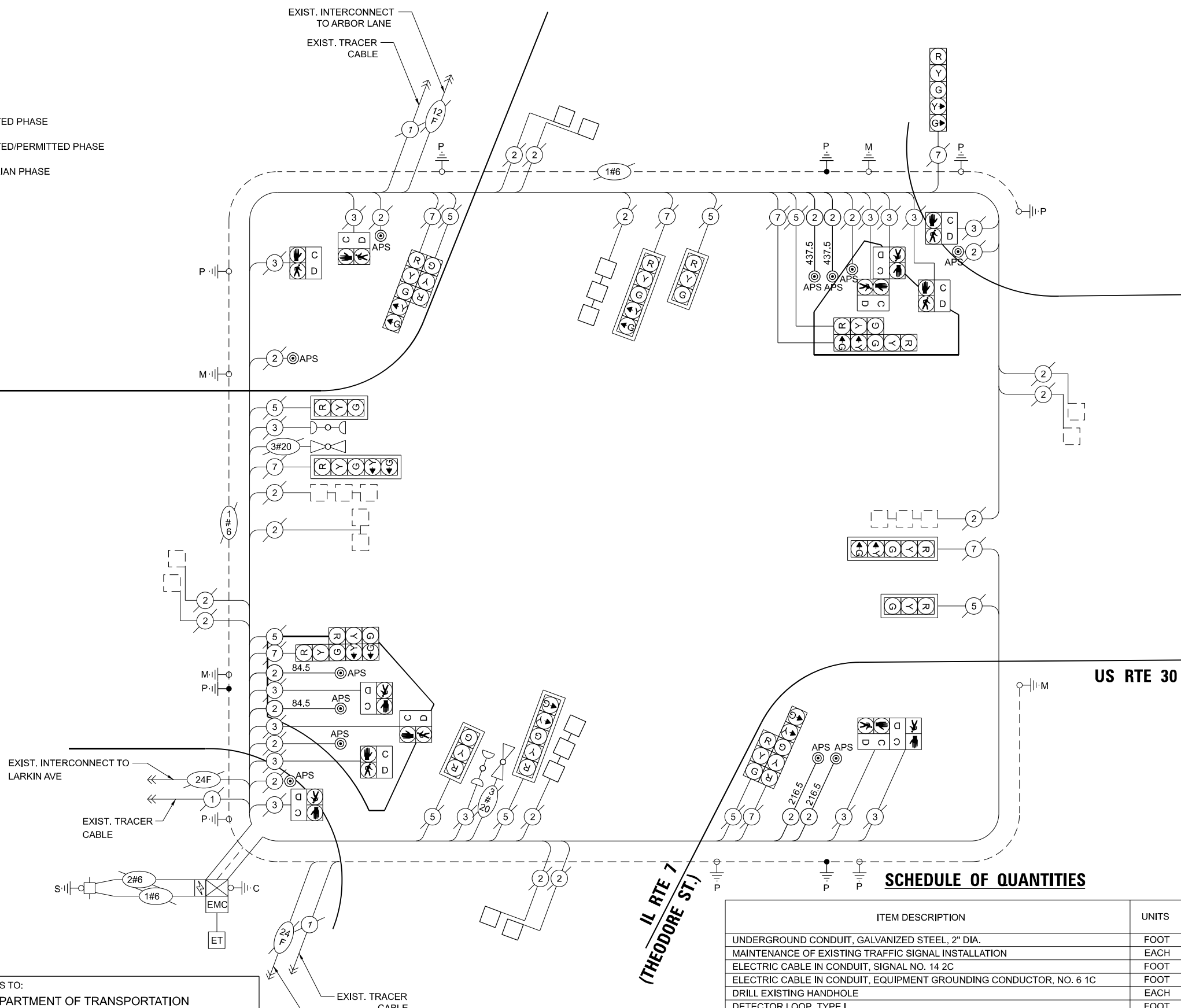


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	12	15	180
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			647
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			1252

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: 866-689-3532
COMPANY: COMED
ACCOUNT NUMBER: 22018-22000
METER NUMBER: -



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	125
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1477
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	681
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	338
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1477
PEDESTRIAN SIGNAL POST, 5'	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1

TS SHT NO. 11

FILE NAME: F:\Projects\1078 - LVV Phase II - Interiors\WO 250 Design\Sheet\TS11-CAB.US 30.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = mdelitche
DESIGNED - TM
DRAWN - TM
PLOT SCALE = 2,000 1/In.
PLOT DATE = 2/10/2026

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

DATE - 03-13-2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

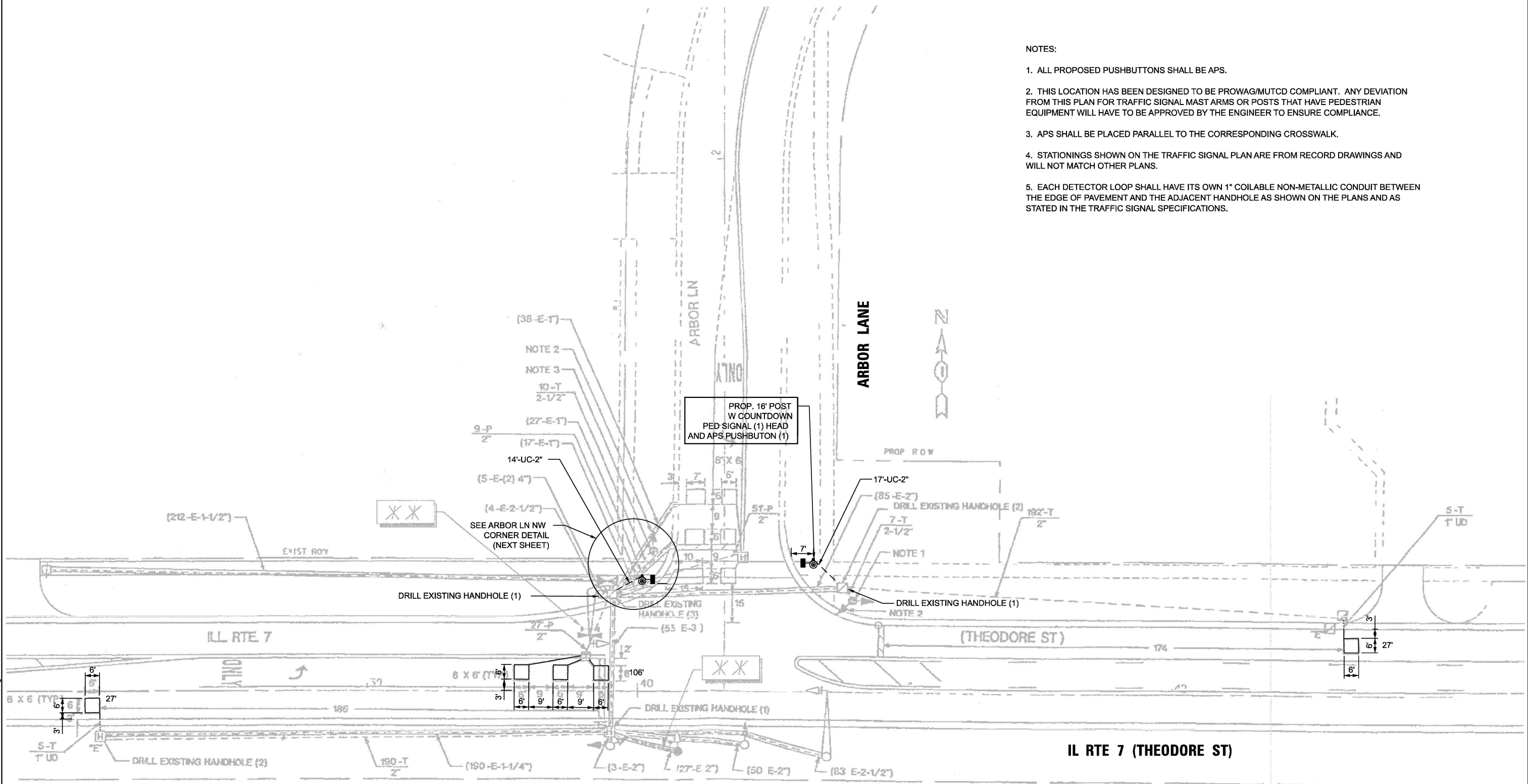
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
US RTE 30 (PLAINFIELD RD) AND IL RTE 7 (THEODORE ST.)
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 64
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

TS 7420
ECON 138

NOTES:

1. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
2. THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR TRAFFIC SIGNAL MAST ARMS OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.
3. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
5. 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.



TS SHT NO. 12

FILE NAME: F:\Projects\1078 - VV Phase II - Items\W0 25\Design\Sheet\12-MOD1 Arbor Ln.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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	DATE - 03-13-2026	REVISED -

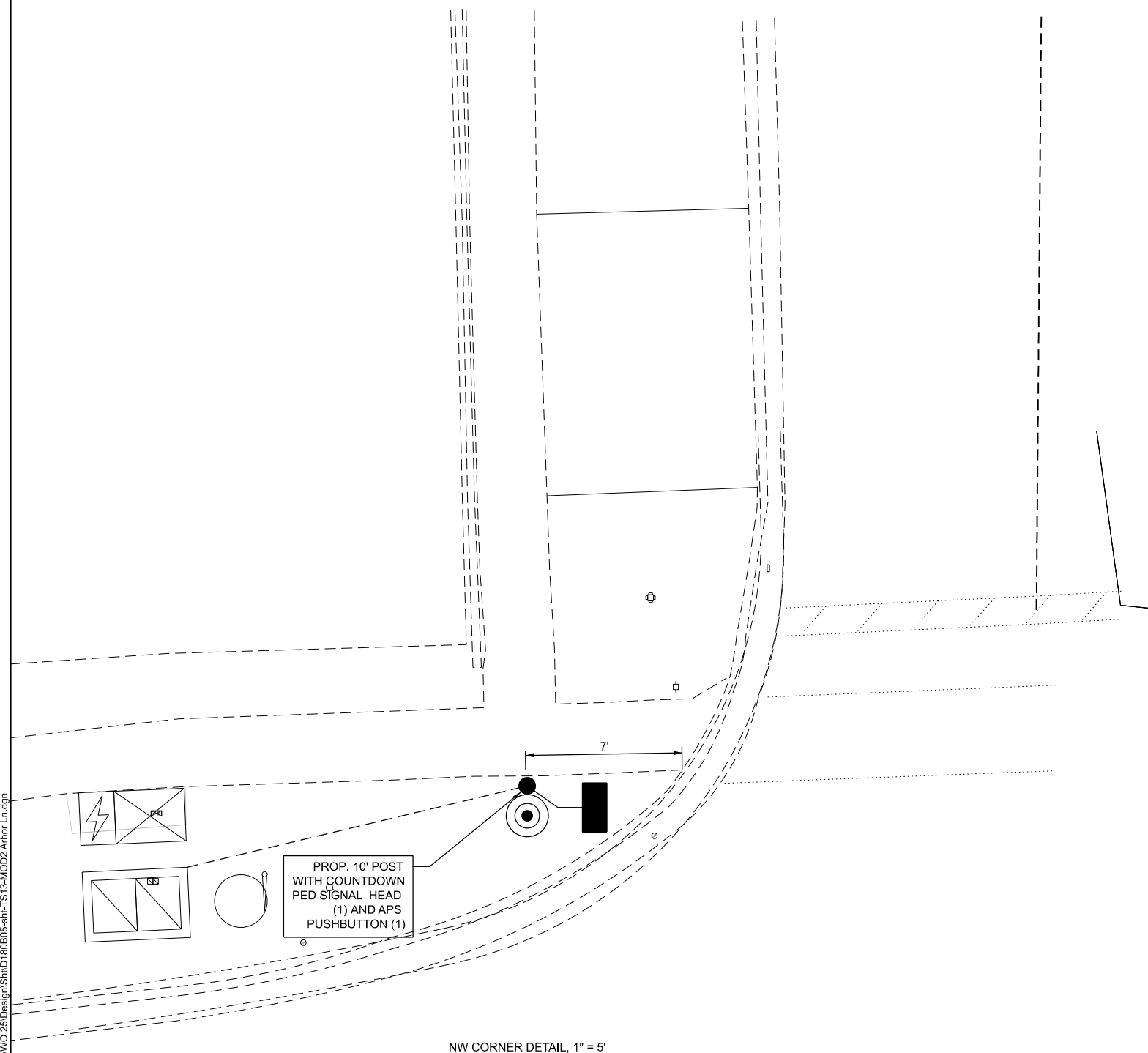
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
IL RTE 7 (THEODORE ST) AND ARBOR LANE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

**TS 7535
ECON 138**



NW CORNER DETAIL, 1" = 5'

TS SHT NO. 13

FILE NAME: F:\Projects\1078 - VV Phase II - Items\WO 25\Design\ShtID:80B05-sht-TS13-MOD2 Arbor Ln.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = mdeitche	DESIGNED - TM	REVISED -
	DRAWN - TM	REVISED -
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PLOT DATE = 2/10/2026	DATE - 03-13-2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

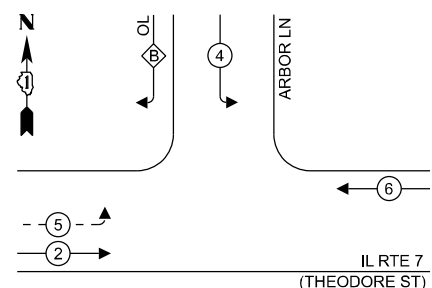
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 2 OF 2)
IL RTE 7 (THEODORE ST) AND ARBOR LANE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS	WILL	82	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

TS 7535

EXISTING CONTROLLER SEQUENCE



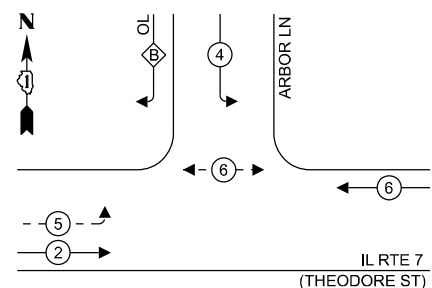
LEGEND:

- ← (⊙) ← PROTECTED PHASE
- ← - (⊙) ← PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) ← OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	4	5

PROPOSED CONTROLLER SEQUENCE



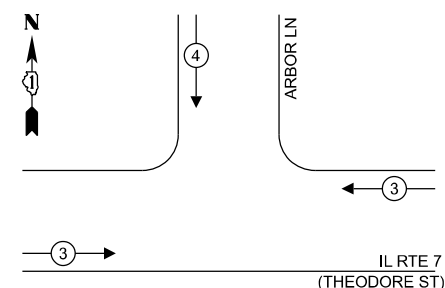
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- ← - (⊙) ← PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) ← OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	4	5

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



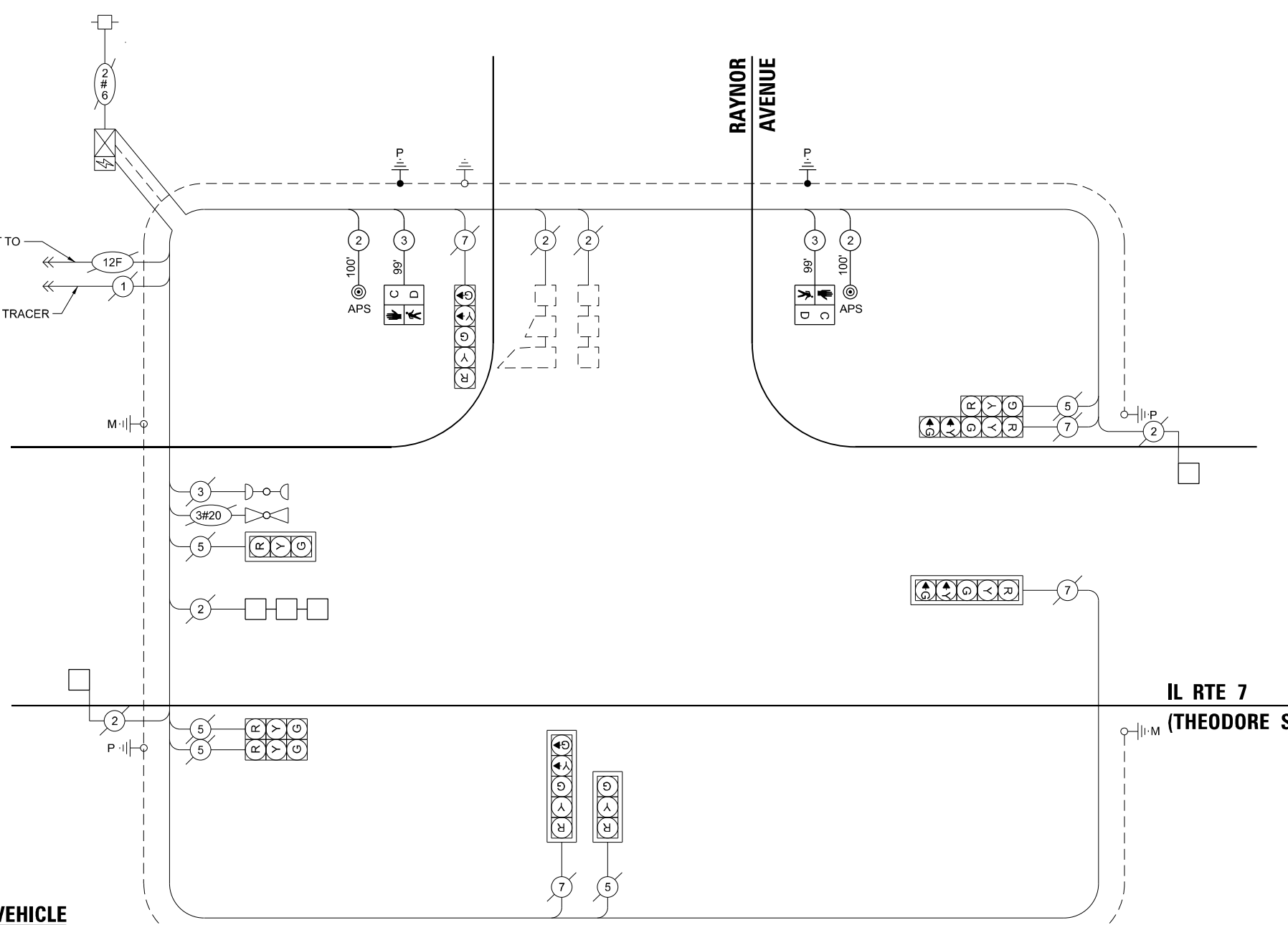
ENERGY COSTS TO:

CITY OF CREST HILL
20600 CITY CENTER BOULEVARD
CREST HILL, IL 60403

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: 50915-47000
METER NUMBER: -

EXIST. INTERCONNECT TO US RTE 30

EXIST. TRACER CABLE



CABLE PLAN (NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	31
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	200
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	198
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	148
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	160
MODIFY EXISTING CONTROLLER	EACH	1
PEDESTRIAN SIGNAL POST, 10'	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	5	11	55
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	2	15	30
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		312	
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		917	

TS SHT NO. 14

FILE NAME: F:\Projects\1078 - VV Phase II - Interconnect 250 Design\Sheet\TS14-CAB Arbor Ln.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = mdelitche
DESIGNED - TM
DRAWN - TM
CHECKED - AS
PLOT DATE = 2/10/2026

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

DATE - 03-13-2026

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
IL ROUTE 7 (THEODORE ST.) AND ARBOR LANE**

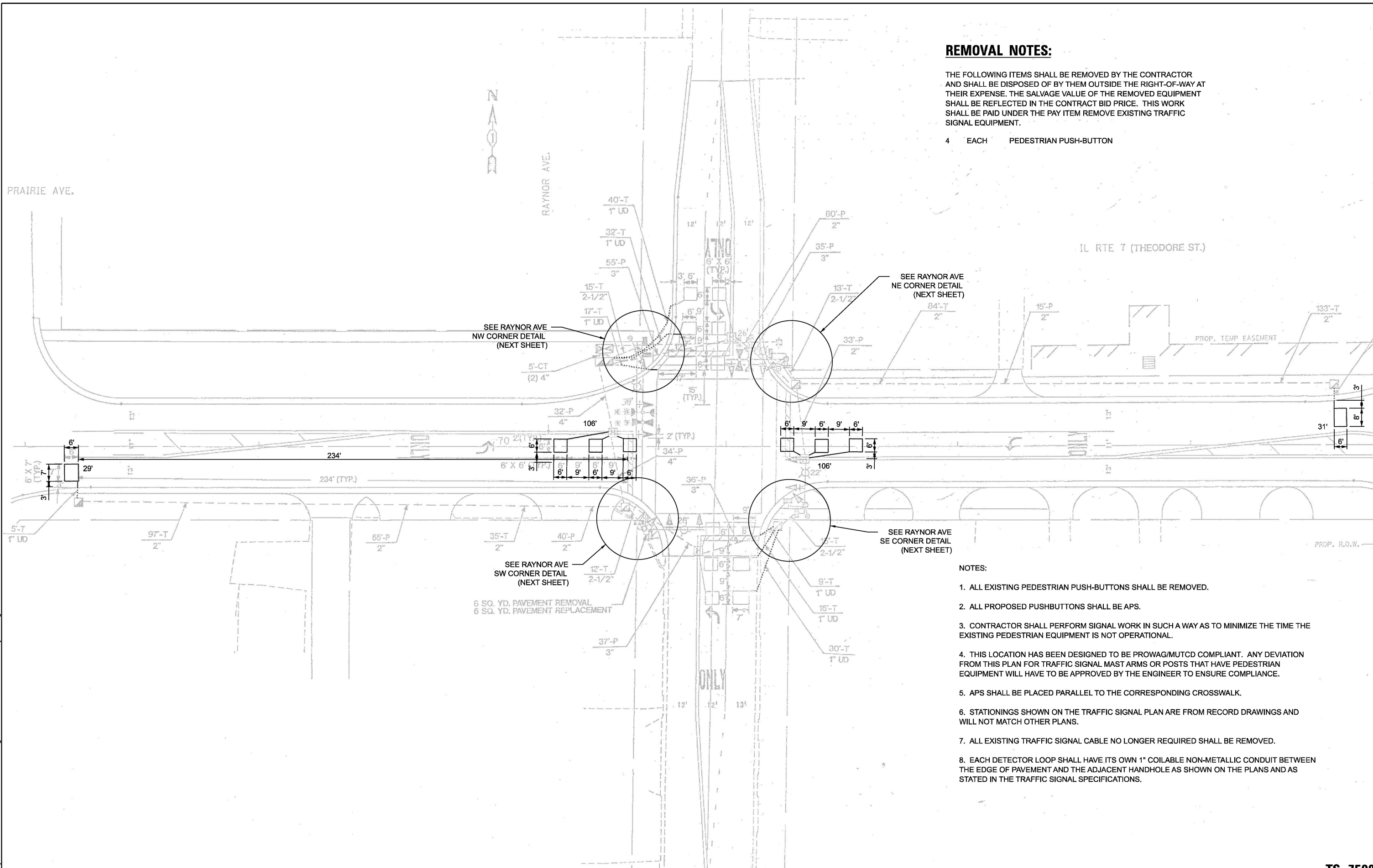
F.A.P. RTE. 0871 SECTION 2025-2018-RS COUNTY WILL TOTAL SHEETS 82 SHEET NO. 66A CONTRACT NO. 80B05 ILLINOIS FED. AID PROJECT

**TS 7535
ECON 138**

REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE. THIS WORK SHALL BE PAID UNDER THE PAY ITEM REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

4 EACH PEDESTRIAN PUSH-BUTTON



NOTES:

1. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
2. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
4. THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR TRAFFIC SIGNAL MAST ARMS OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.
5. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
6. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
7. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
8. 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.

TS SHT NO. 15

FILE NAME: F:\Projects\1078 - VV Phase II - Items\W0 25\Design\Sheet\15-MOD1 Raynor Av.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

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DRAWN - TM	REVISOR -	
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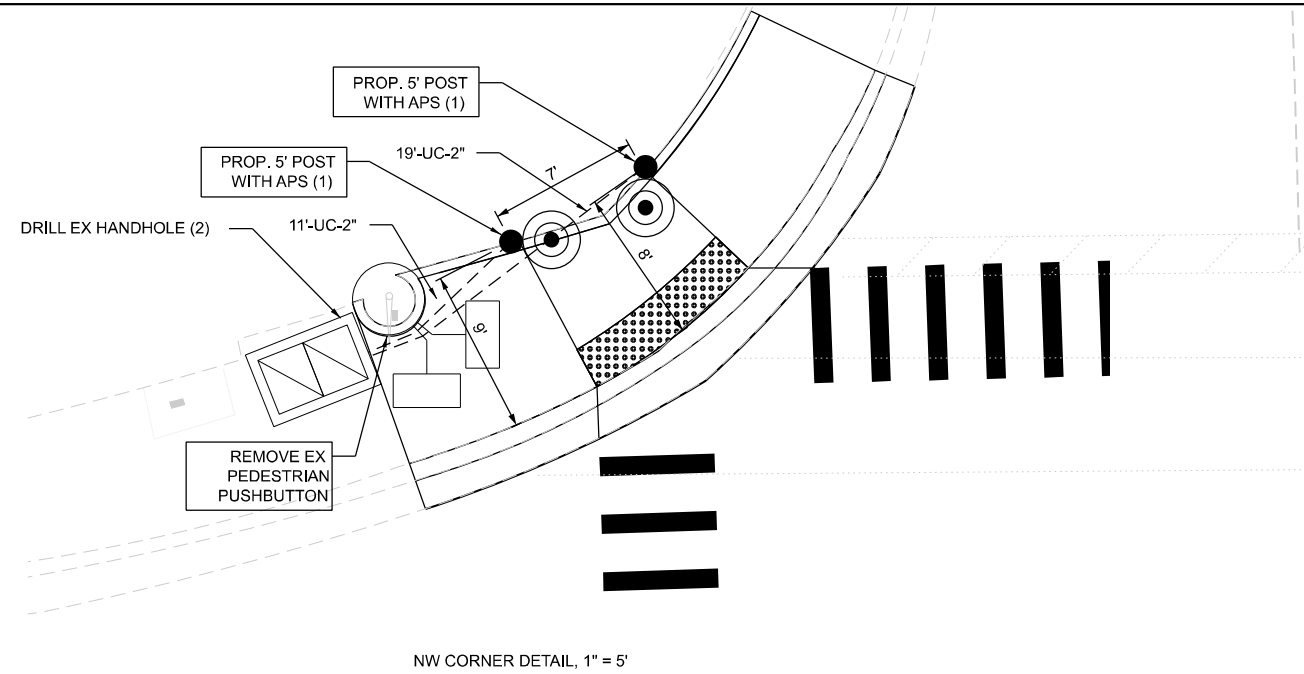
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
IL RTE 7 (THEODORE ST) AND RAYNOR AVE**

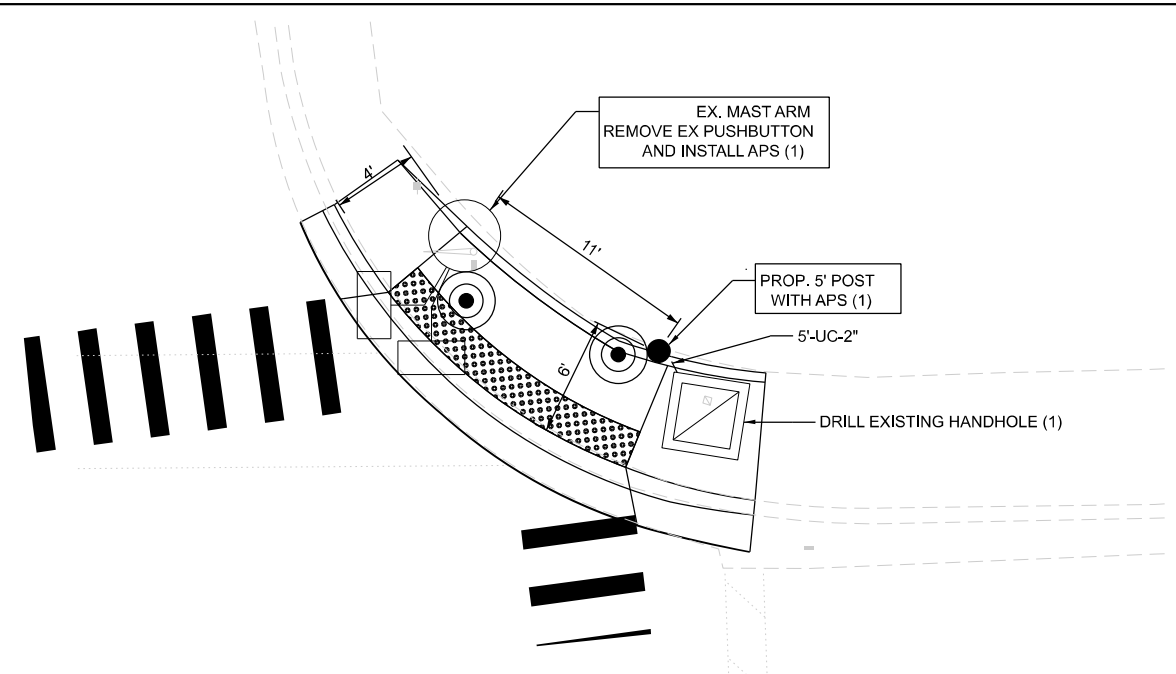
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F.A.P RTE 0871	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

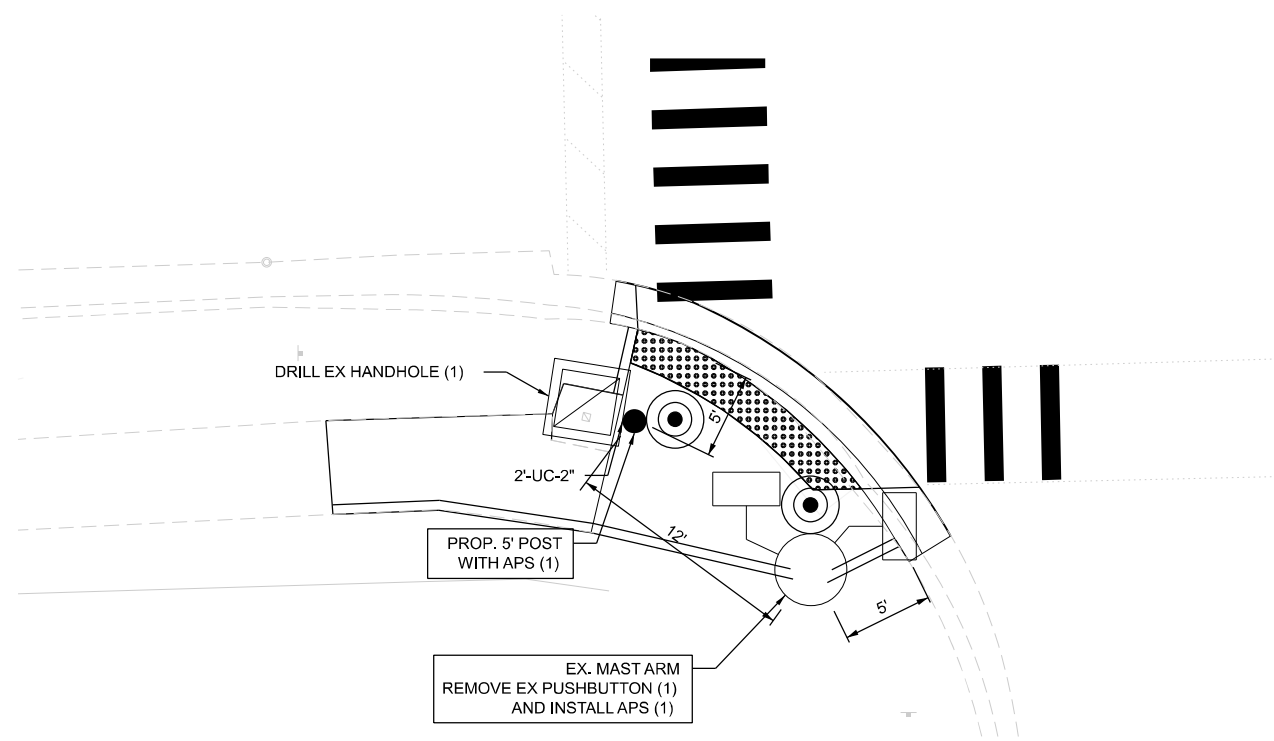
TS 7508



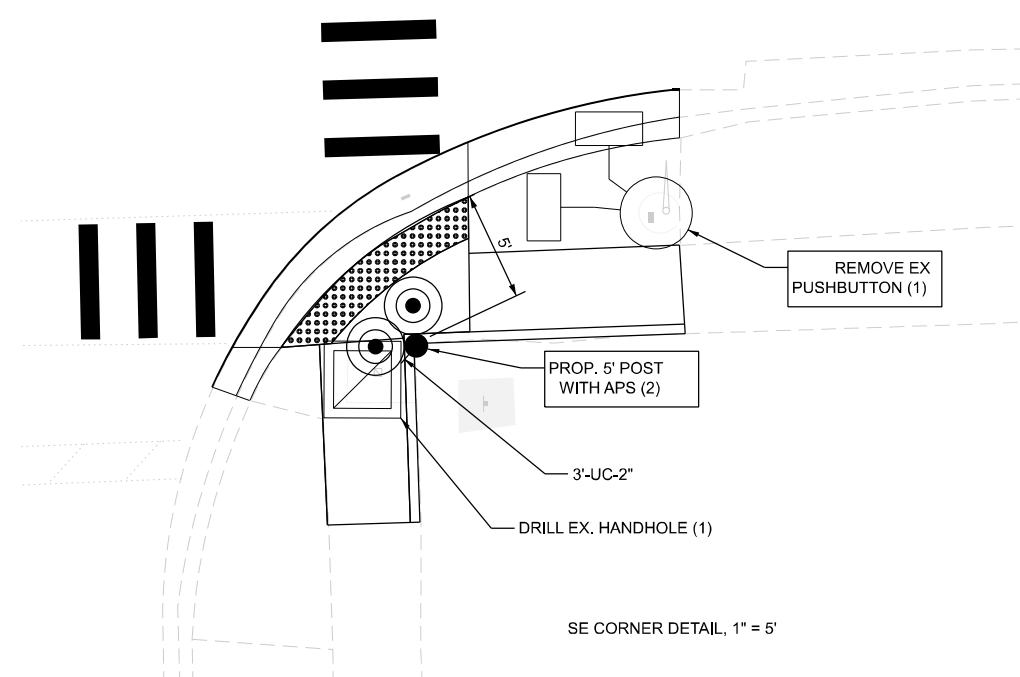
NW CORNER DETAIL, 1" = 5'



NE CORNER DETAIL, 1" = 5'



SW CORNER DETAIL, 1" = 5'



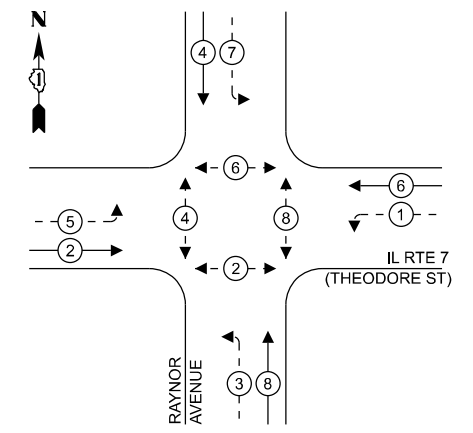
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DRAWN - TM	REVISIONS -	
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PLOT DATE = 2/10/2026	DATE - 03-13-2026	REVISED -

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 66C
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

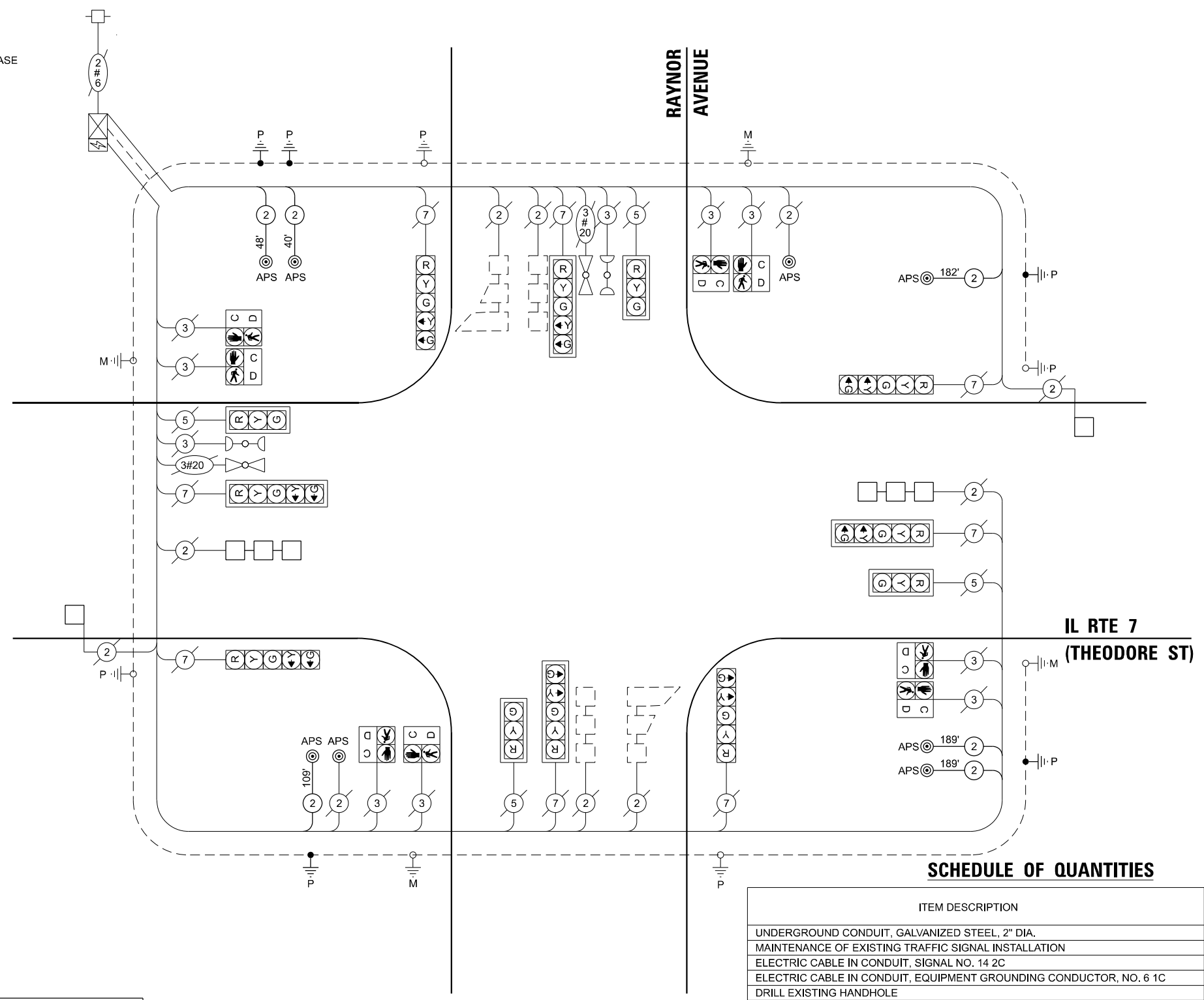
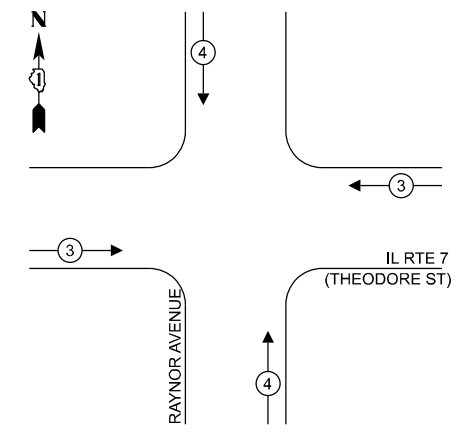


EXISTING AND PROPOSED CONTROLLER SEQUENCE



- LEGEND:**
- ← (⊙) → PROTECTED PHASE
 - ← (⊙) - - PROTECTED/PERMITTED PHASE
 - ← (⊙) → PEDESTRIAN PHASE
 - ← (⊙) OL → OVERLAP

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	40
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	754
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	465
DRILL EXISTING HANDHOLE	EACH	5
DETECTOR LOOP, TYPE I	FOOT	272
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	232
PEDESTRIAN SIGNAL POST, 5'	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A, 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL I	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING		443	
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		1048	

ENERGY COSTS TO:
CITY OF JOLIET
 150 W JEFFERSON ST
 JOLIET, IL 60432

ENERGY SUPPLY: CONTACT: NEW BUSINESS
 PHONE: 866-639-3532
 COMPANY: COMED
 ACCOUNT NUMBER: -
 METER NUMBER: -

TS SHT NO.17

FILE NAME: F:\Projects\1078 - VV Phase II - Intersections Design\80B05-sht-TS17-CAB Raynor Ave.dgn

AMES Engineering, Inc.
 CONSULTING ENGINEERS
 6330 Belmont Road, Suite 4B
 Downers Grove, IL 60516

USER NAME = mdelitche
 DESIGNED - TM
 DRAWN - TM
 PLOT SCALE = 2,000' / in.
 PLOT DATE = 2/10/2026

REVISIONS:
 REVISED -
 REVISED -
 REVISED -
 REVISED -

DATE - 03-13-2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

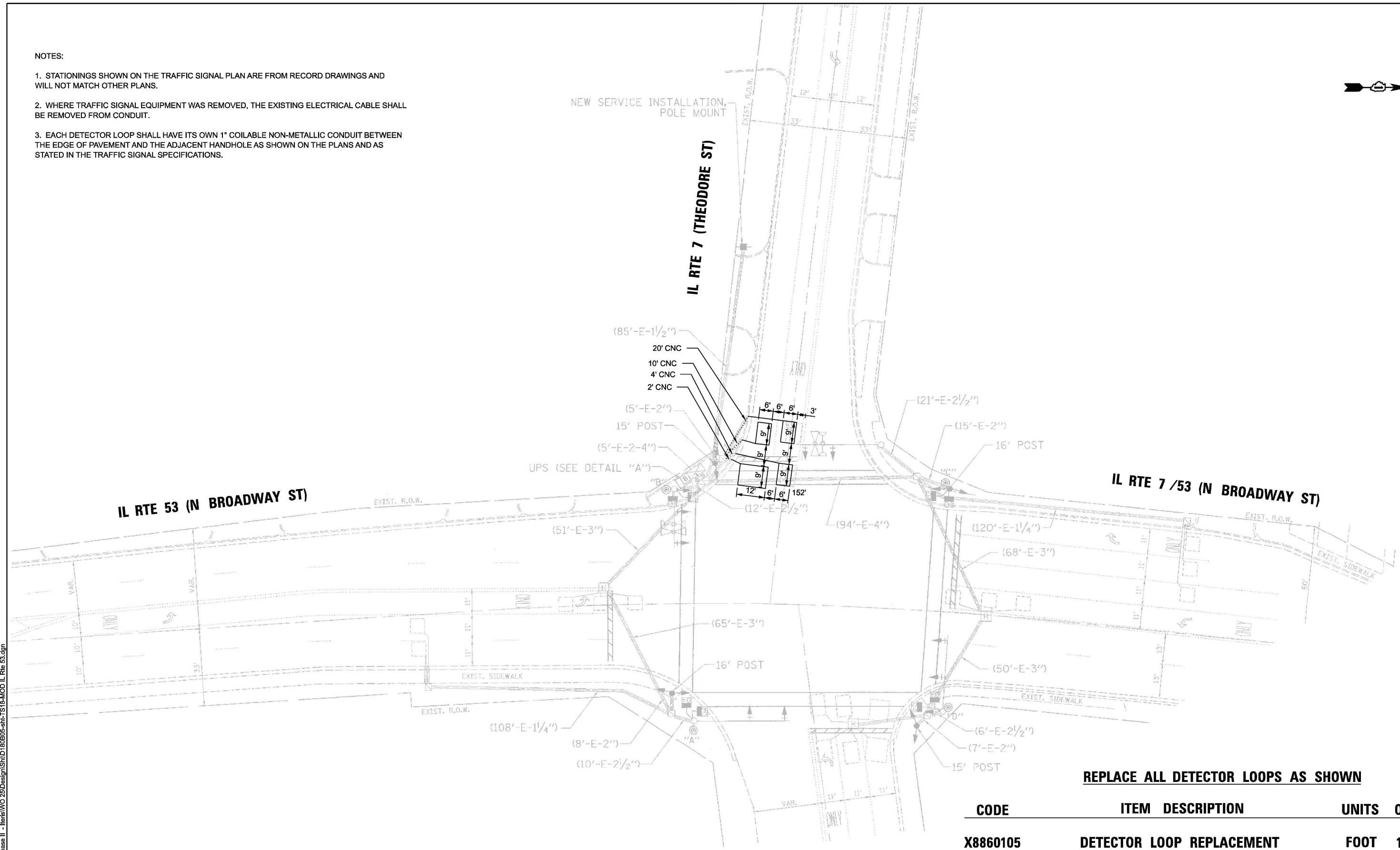
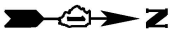
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
IL ROUTE 7 (THEODORE ST) AND RAYNOR AVENUE

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 66D
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				

TS 7508

NOTES:

1. STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
2. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
3. 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.



REPLACE ALL DETECTOR LOOPS AS SHOWN

CODE	ITEM DESCRIPTION	UNITS	QTY.
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	152

TS SHT NO. 18

FILE NAME: F:\Projects\1078 - VV Phase II - Items\W0 25\Design\Sheet\ID180B05-shc-TS18-MOD IL Rte 53.dgn

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

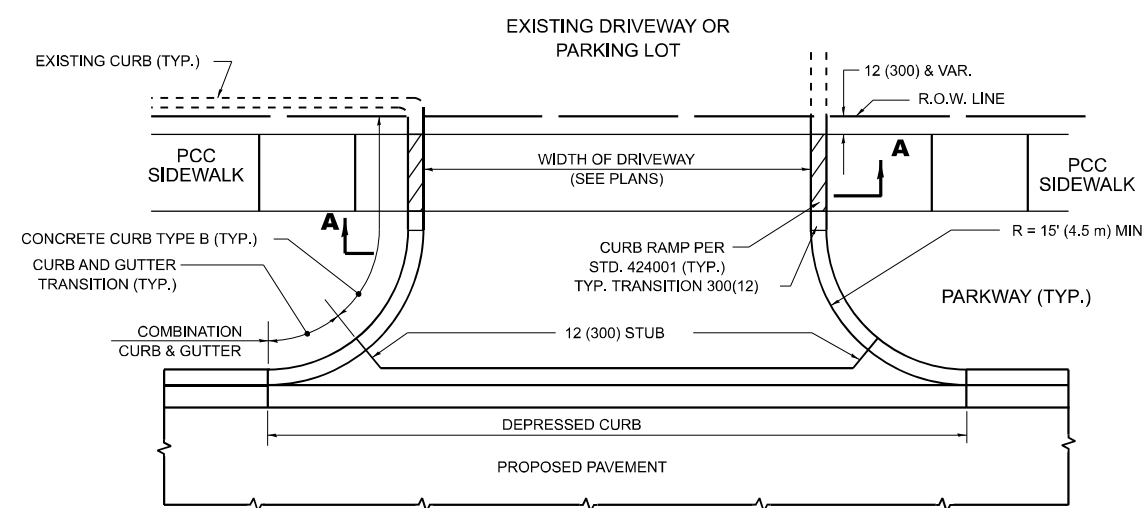
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

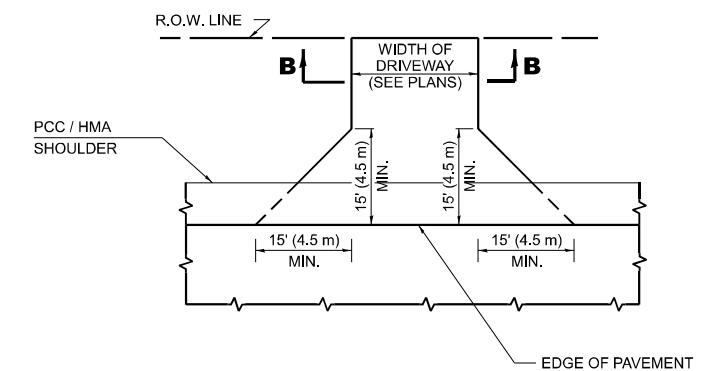
**DETECTOR LOOP REPLACEMENT PLAN
IL RTE 7 (THEODORE ST) AND IL RTE 53 (BROADWAY ST)**

F.A.P. RTE. 0871	SECTION 2025-2018-RS	COUNTY WILL	TOTAL SHEETS 82	SHEET NO. 66E
ILLINOIS FED. AID PROJECT			CONTRACT NO. 80B05	

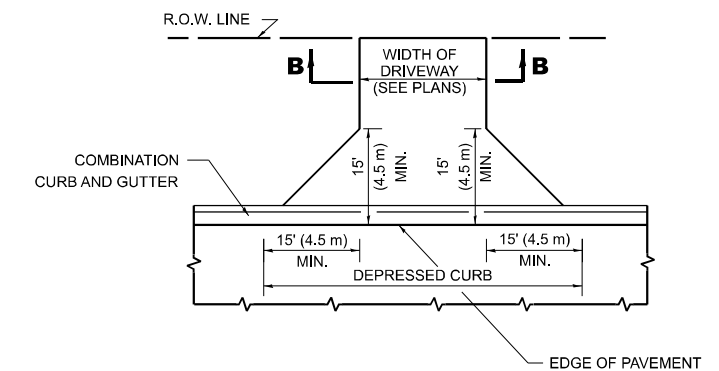
TS 7515



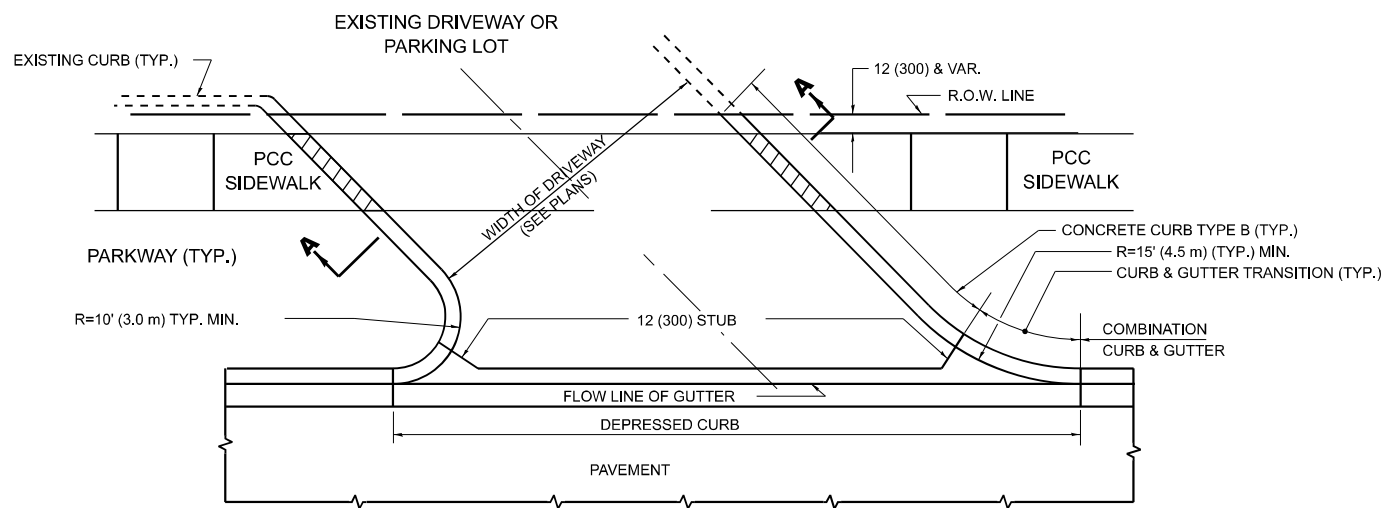
WITH CONCRETE CURB, TYPE B



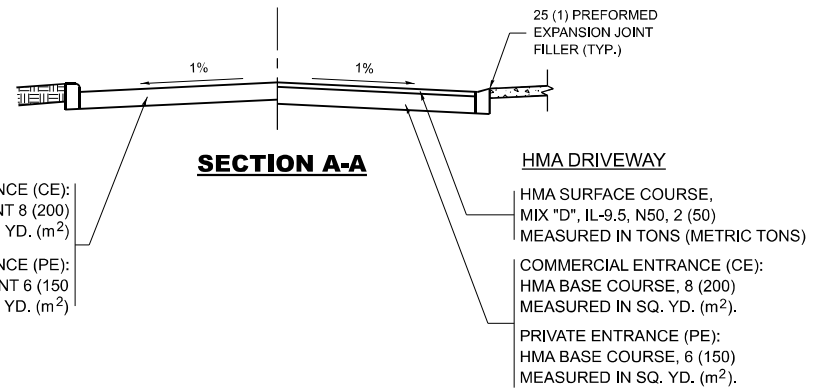
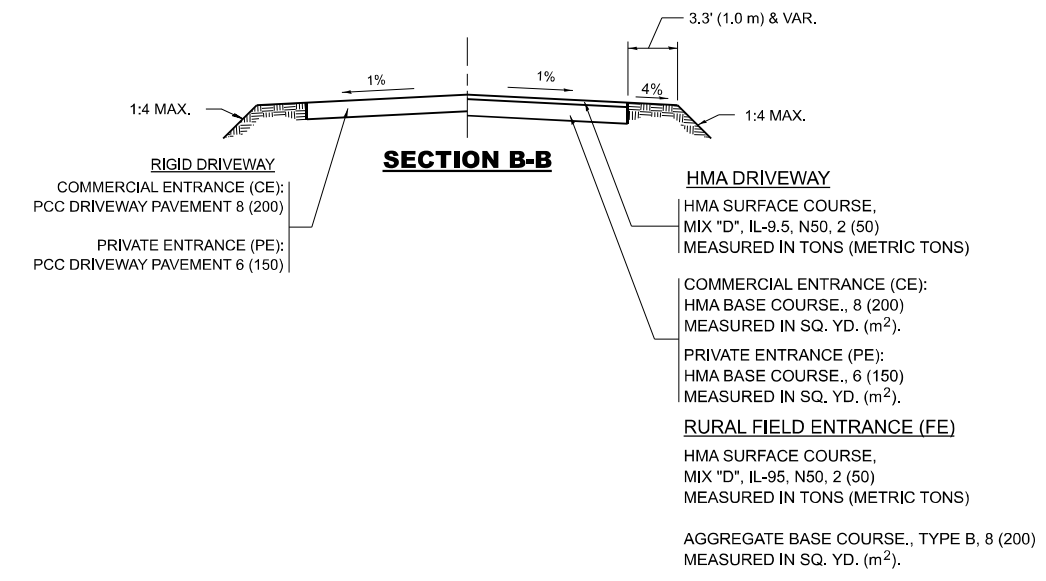
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

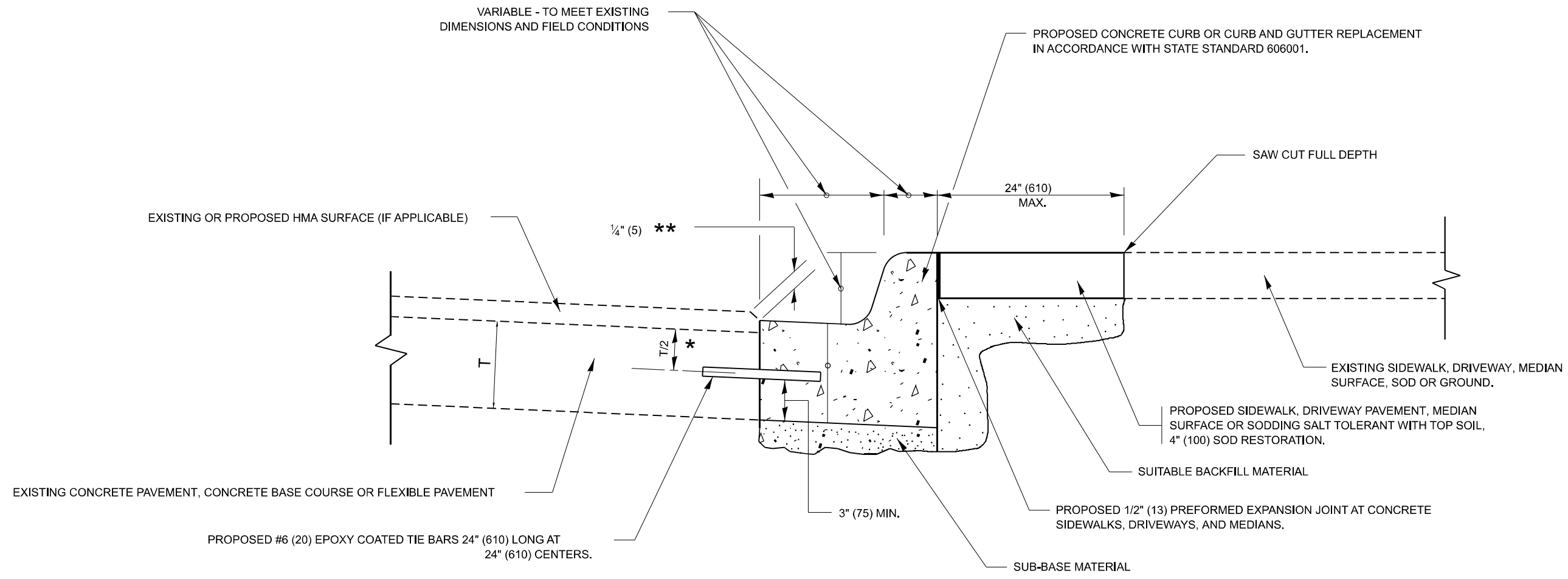
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	DRAWN - R. BORO 09-06-11	REVISED - K. SMITH 08-28-19
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 1/28/2026	DATE - 11-04-95	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS_SW	WILL	83	67
BD400-01 (BD-01)			CONTRACT NO. 80B05	
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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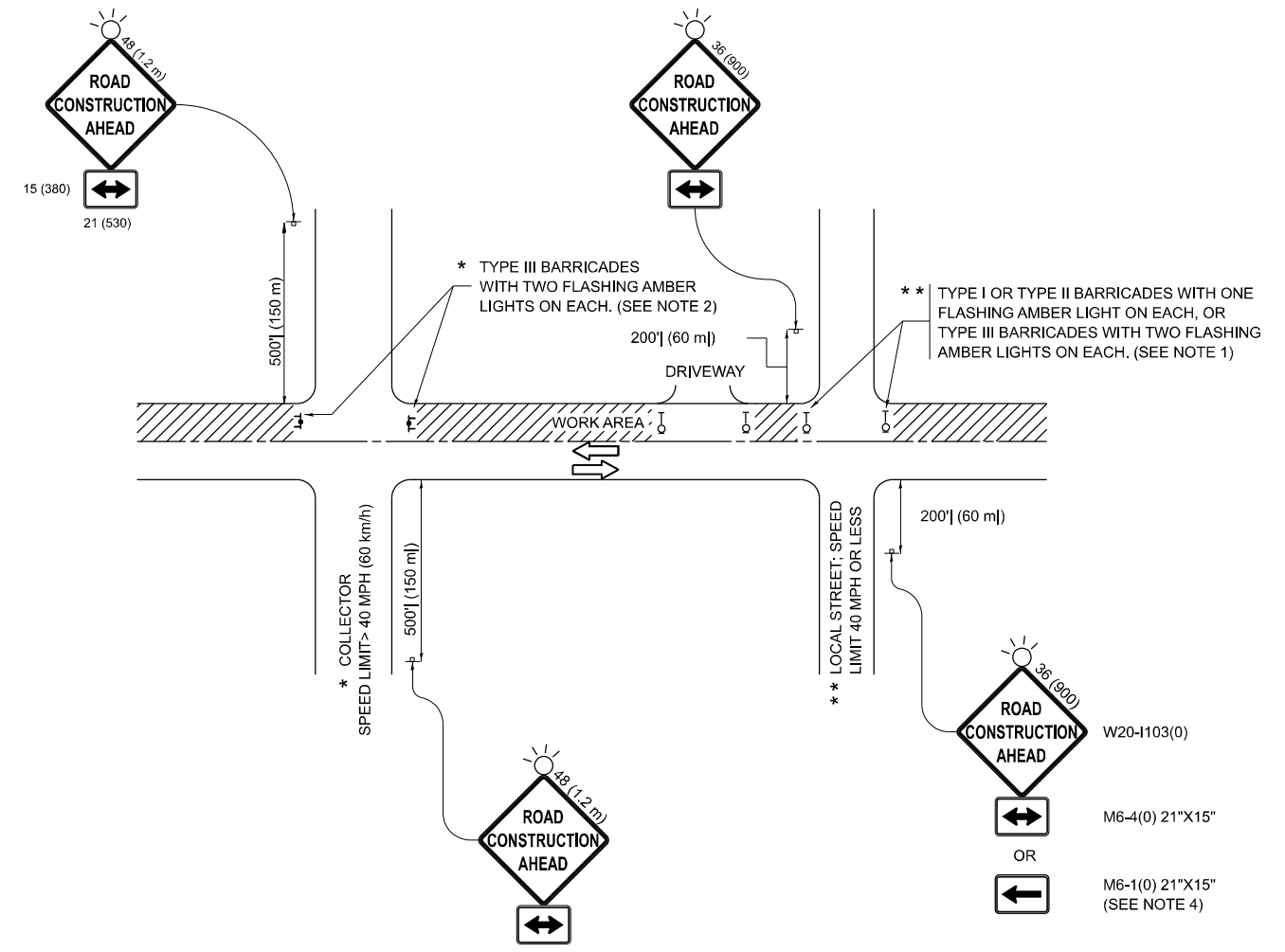
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PLOT DATE = 1/28/2026	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	68
BD600-06 (BD-24)		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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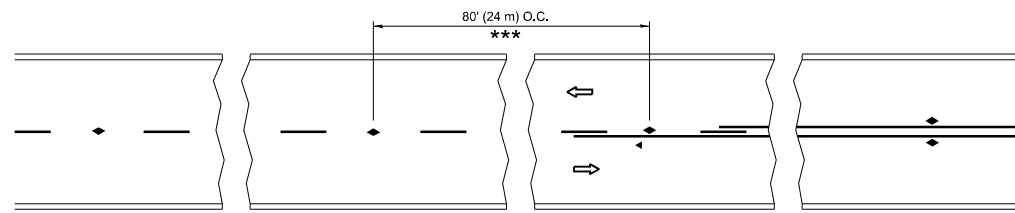
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PLOT DATE = 1/28/2026	DATE - 06-89	REVISED - D. SENDERAK 05-03-25

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

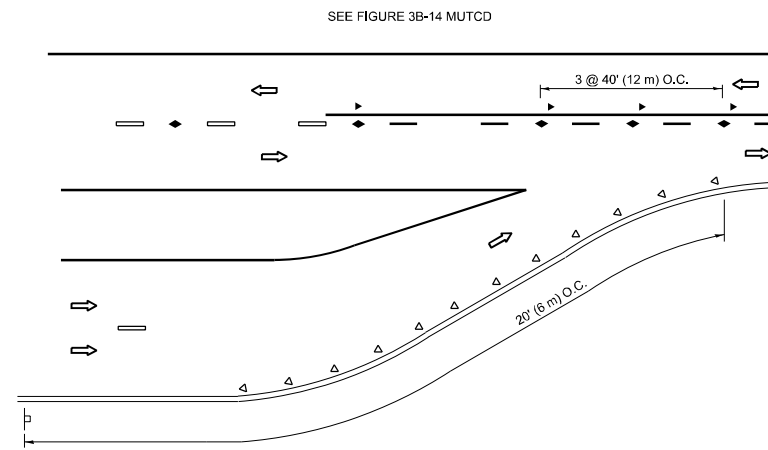
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TC-10			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

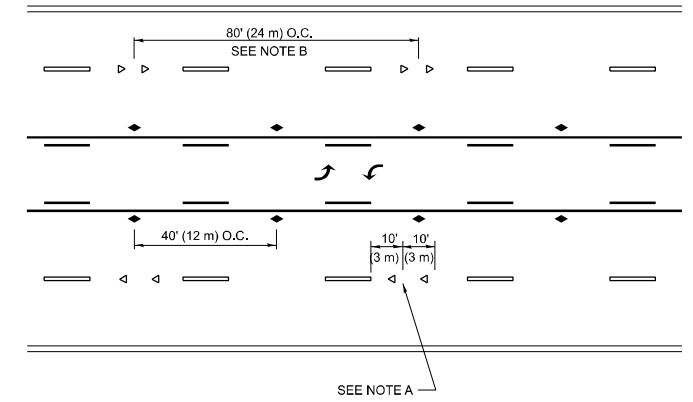


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

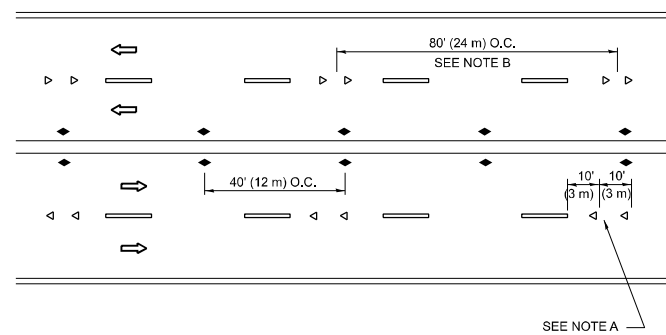
TWO-LANE/TWO-WAY



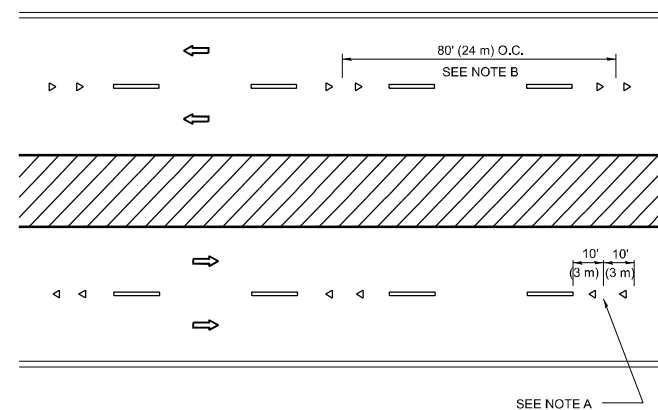
LANE REDUCTION TRANSITION



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

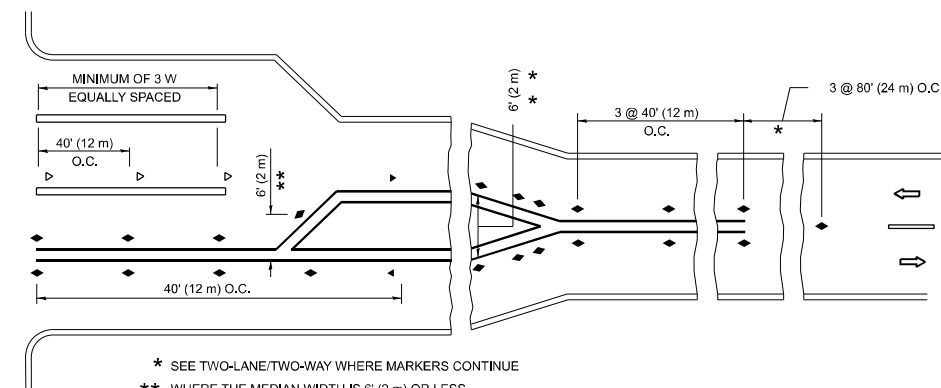
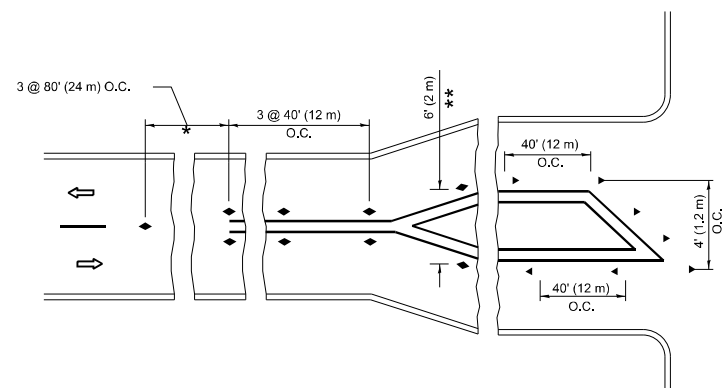
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



TURN LANES

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

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

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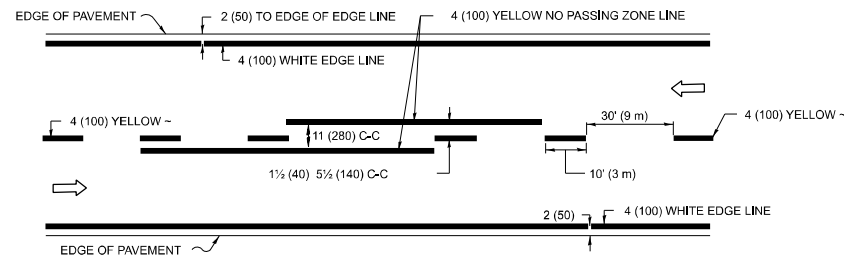
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PLOT DATE = 1/28/2026	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

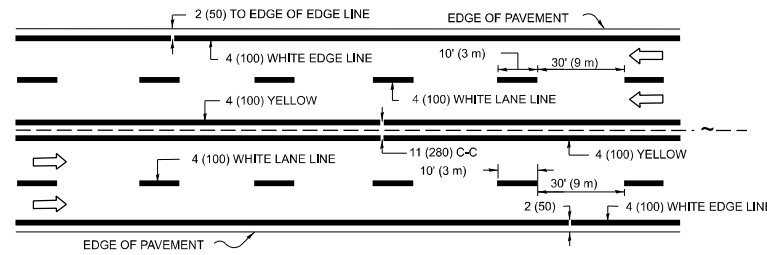
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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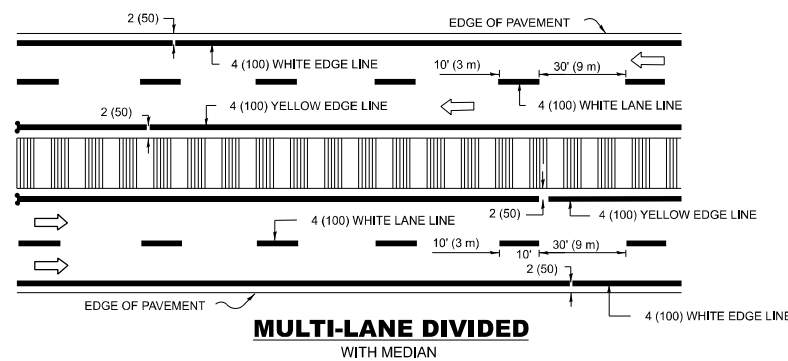
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0871	2025-2018-RS,SW	WILL	83	70
TC-11		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

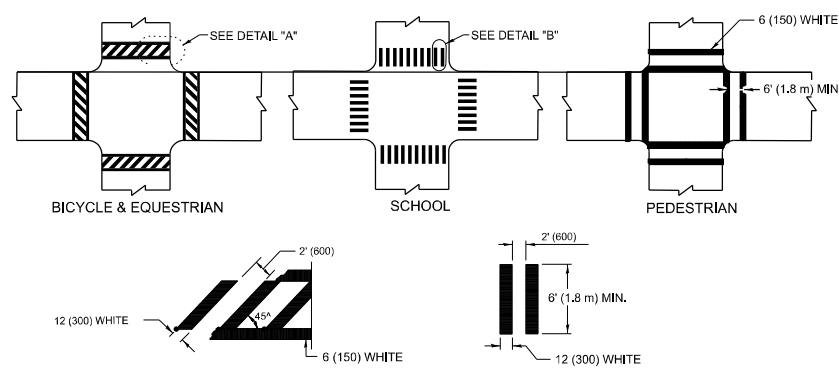


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

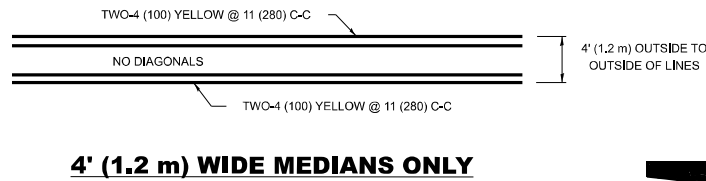


DETAIL "A"

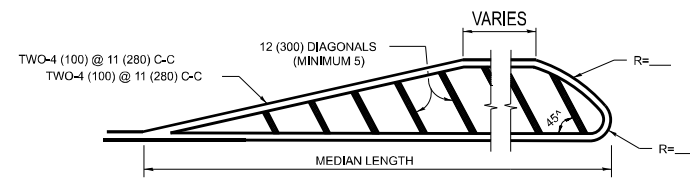
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

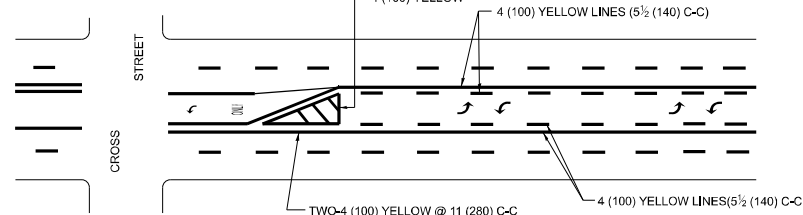


4' (1.2 m) WIDE MEDIANS ONLY



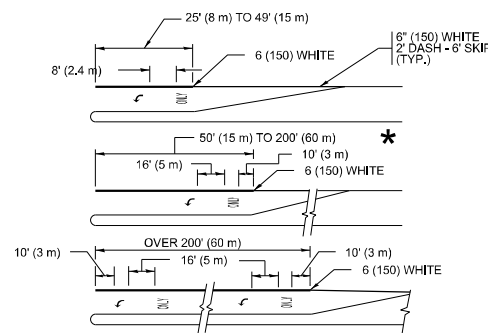
MEDIANS OVER 4' (1.2 m) WIDE

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



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

MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

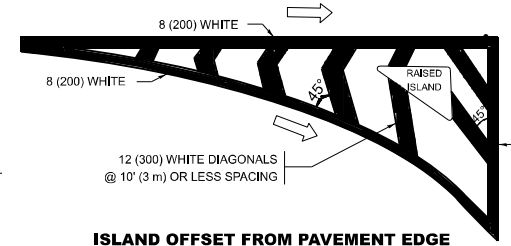


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

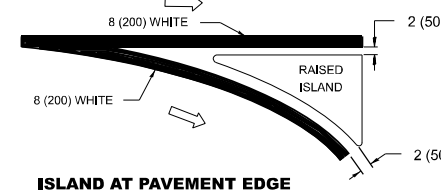
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

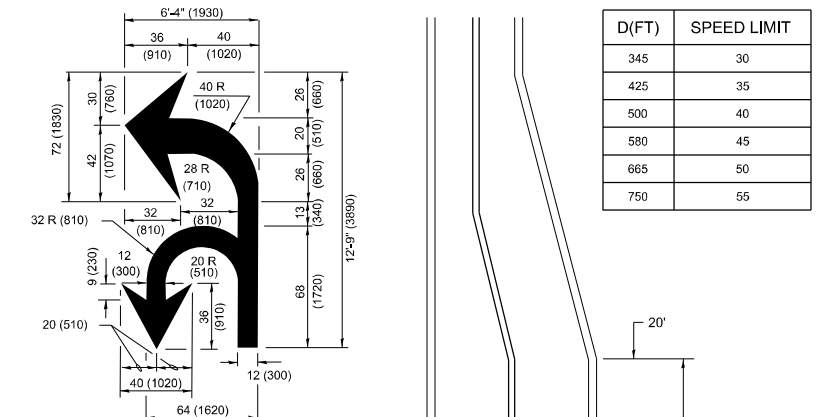


ISLAND OFFSET FROM PAVEMENT EDGE

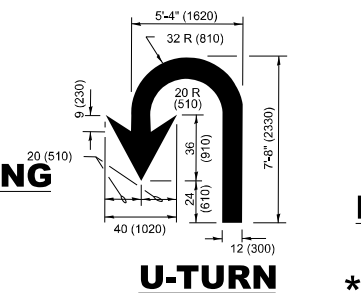


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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		DRAWN -		REVISED -	C. JUCIUS 07-01-13
		CHECKED -		REVISED -	C. JUCIUS 12-21-15
PLOT DATE =	1/28/2026	DATE -	03-19-90	REVISED -	C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	71
TC-13		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

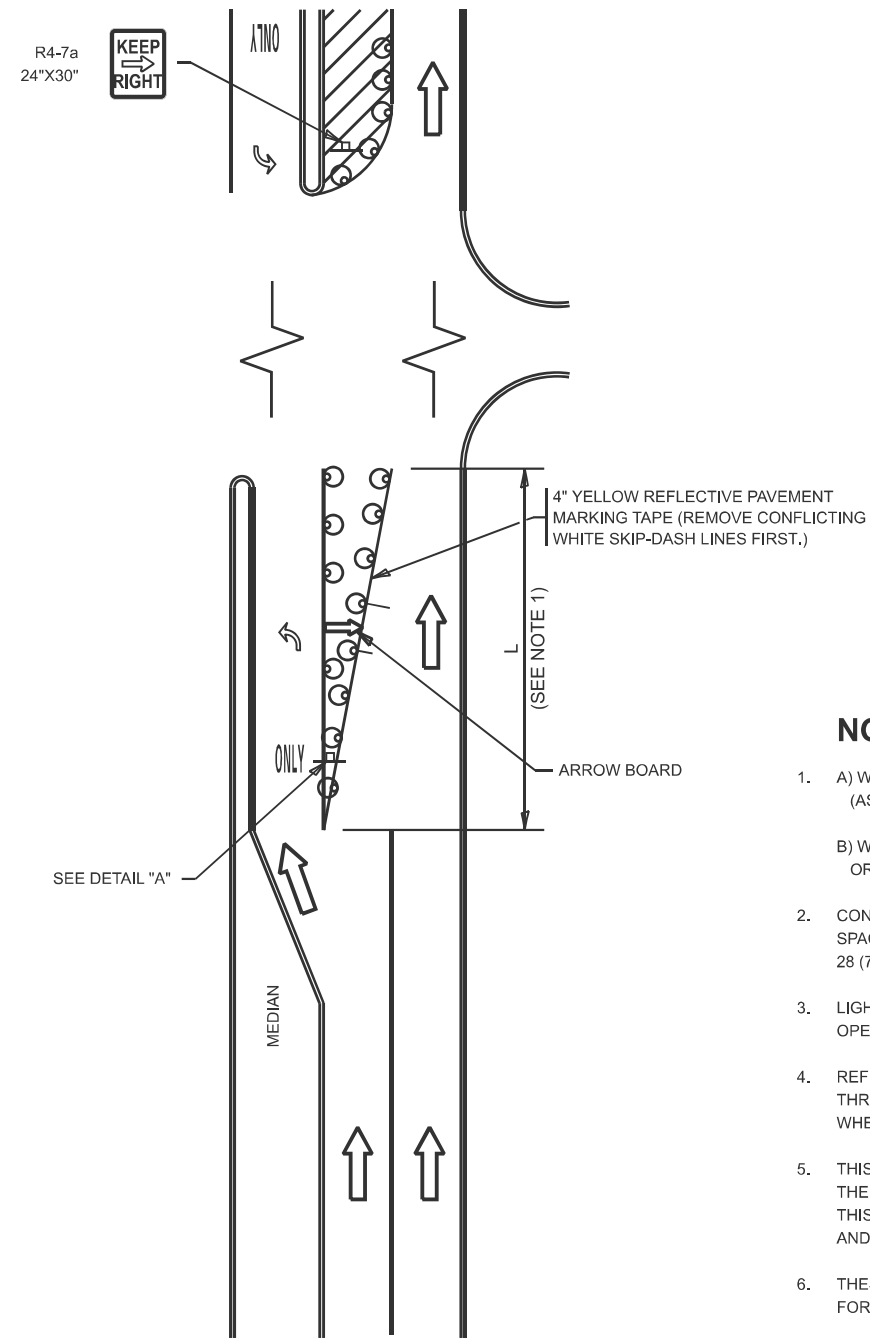


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

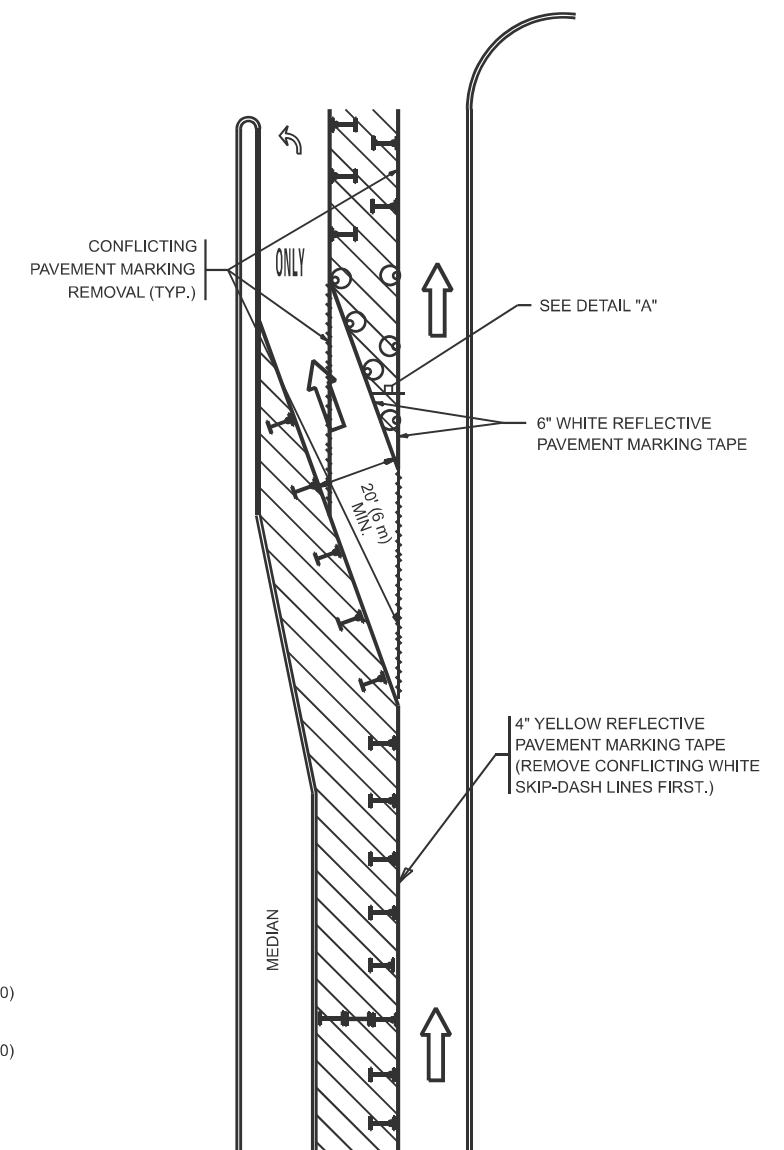


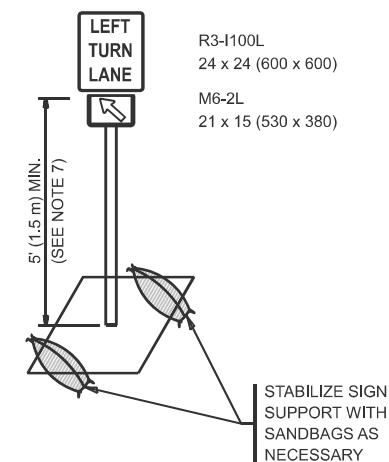
FIGURE 2

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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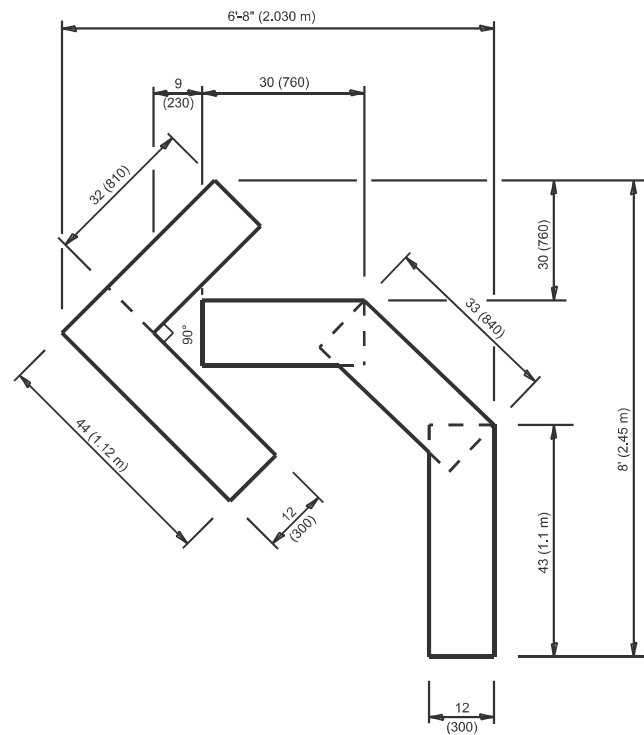
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 1/28/2026	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

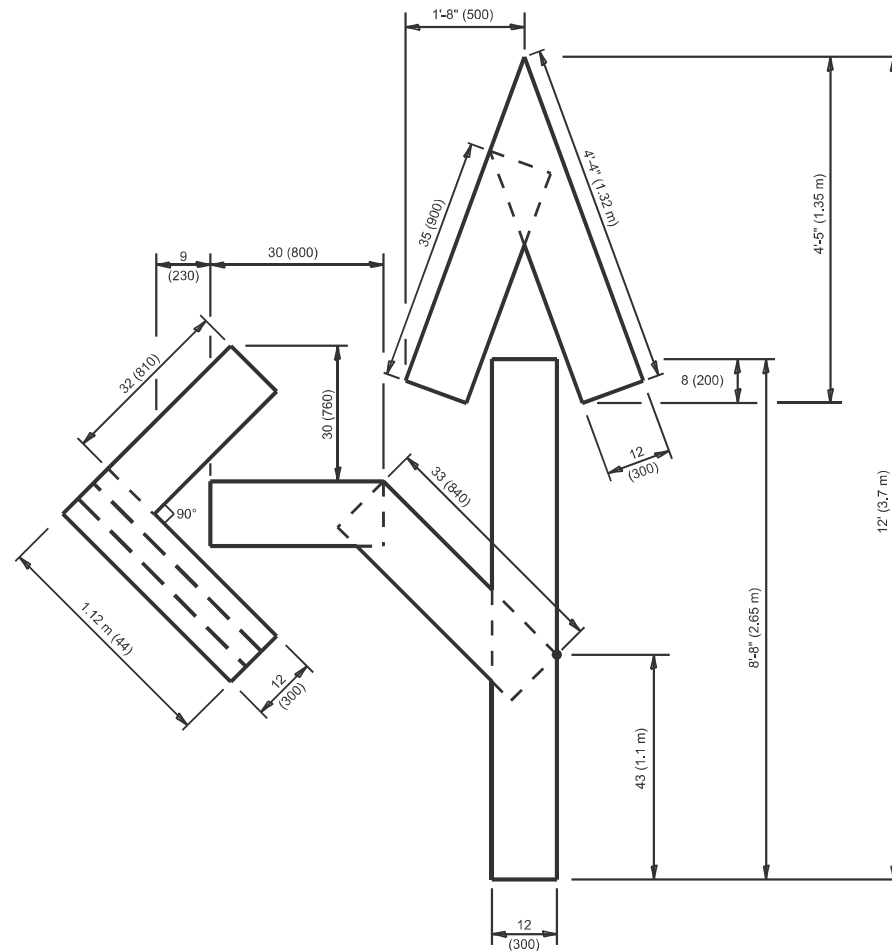
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				



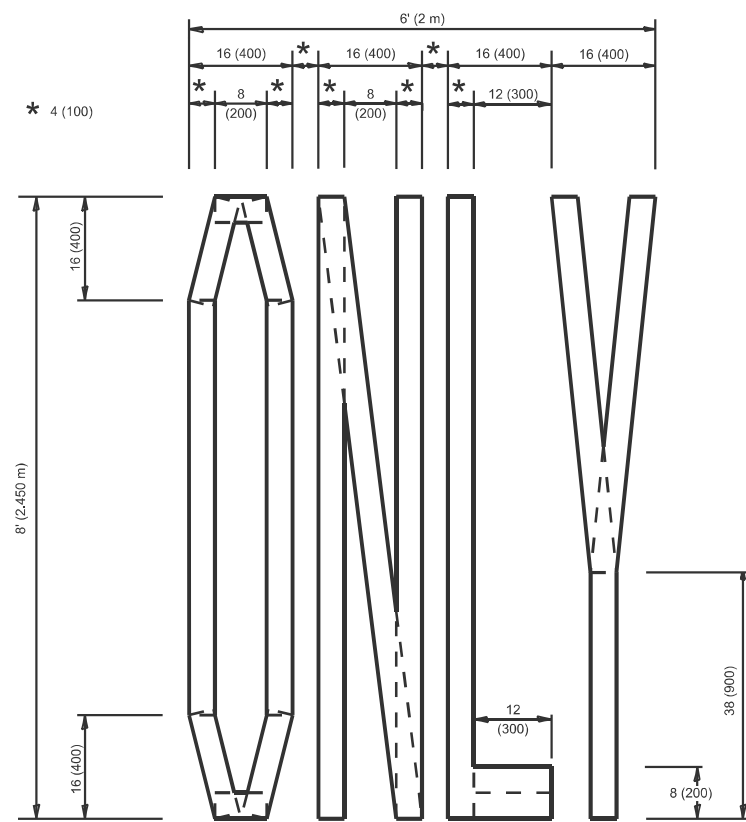
QUANTITY

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



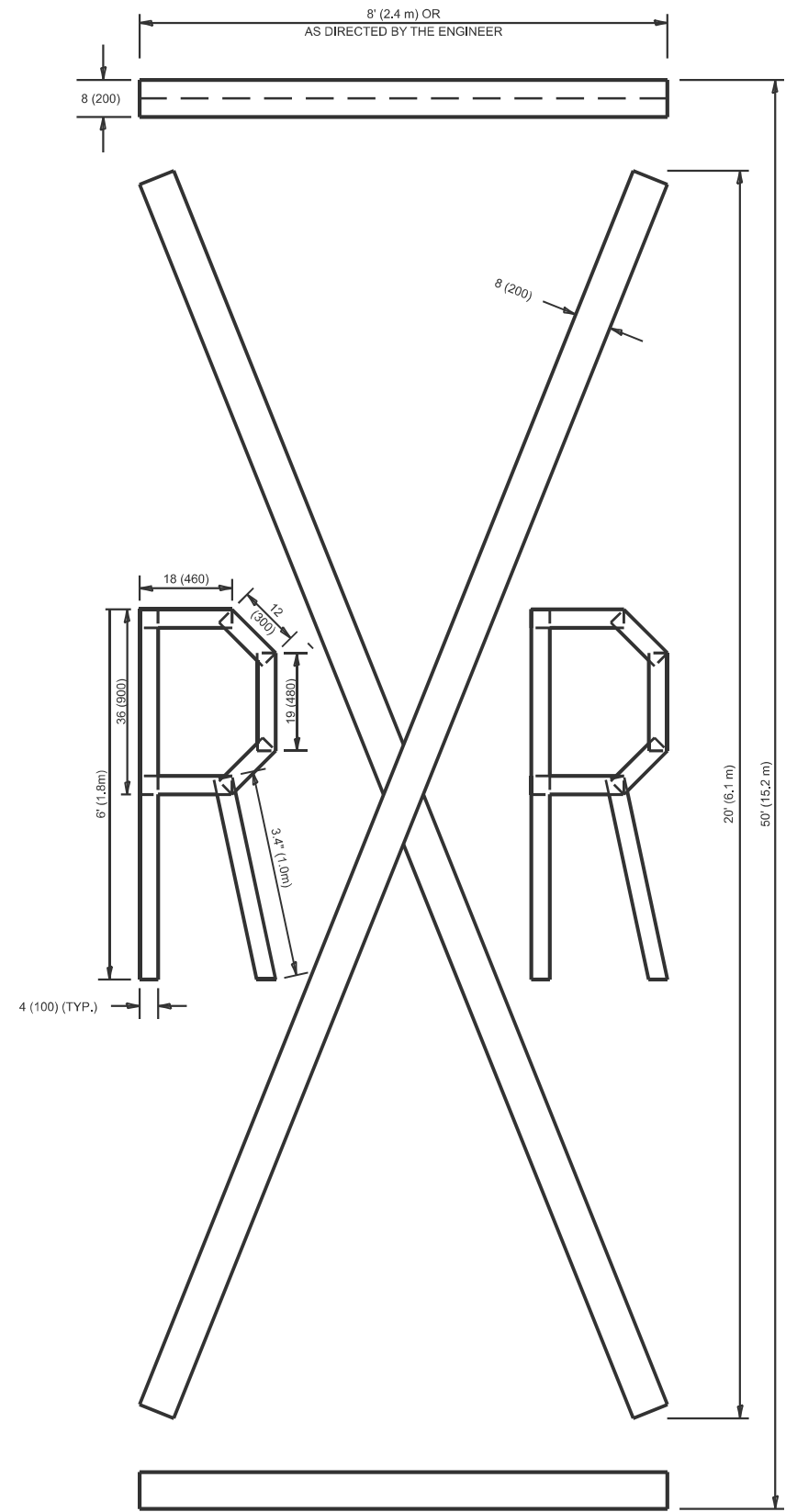
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

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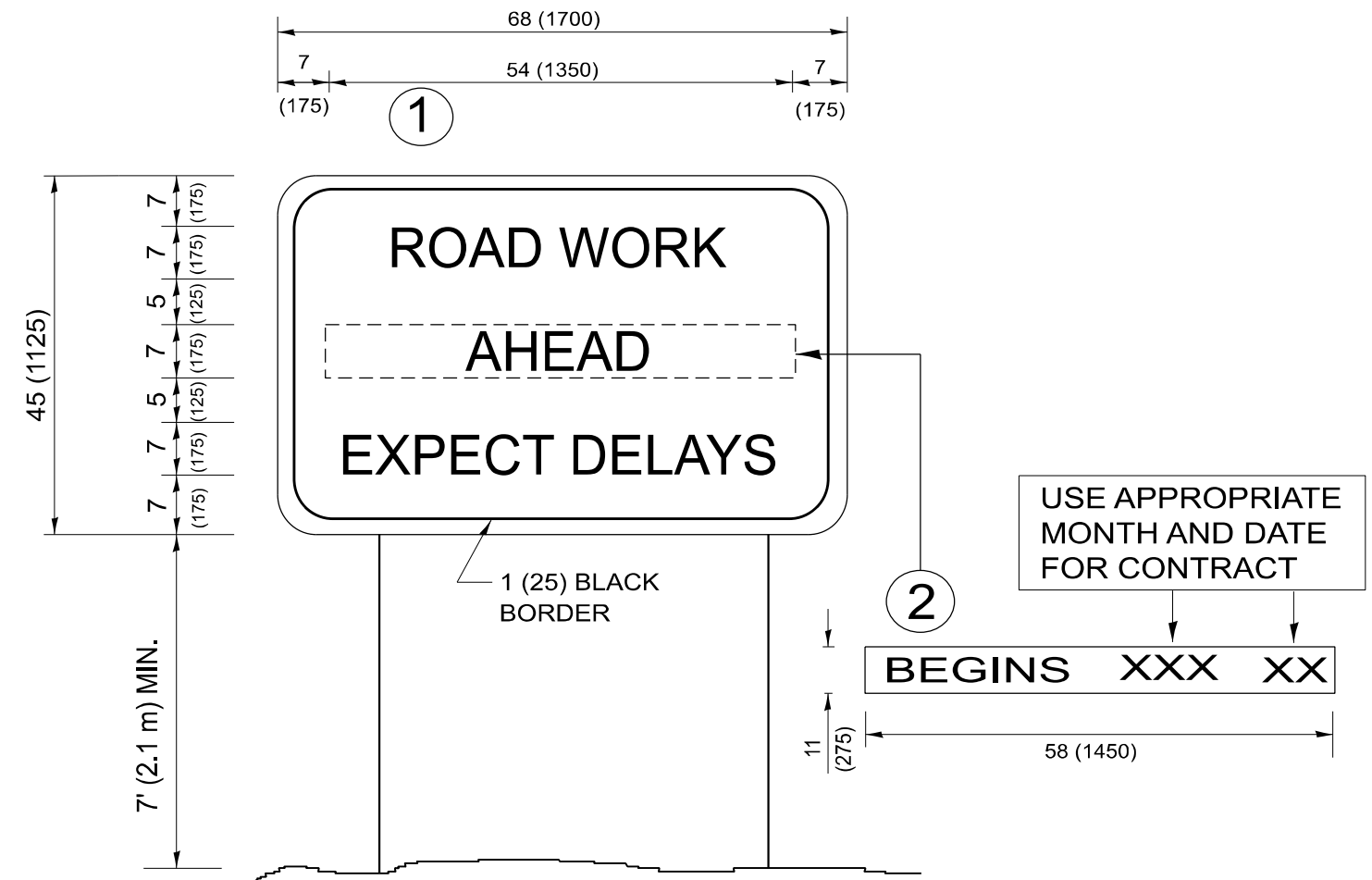
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	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 10/28/2025	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	71B
TC-16			CONTRACT NO. 80B05	
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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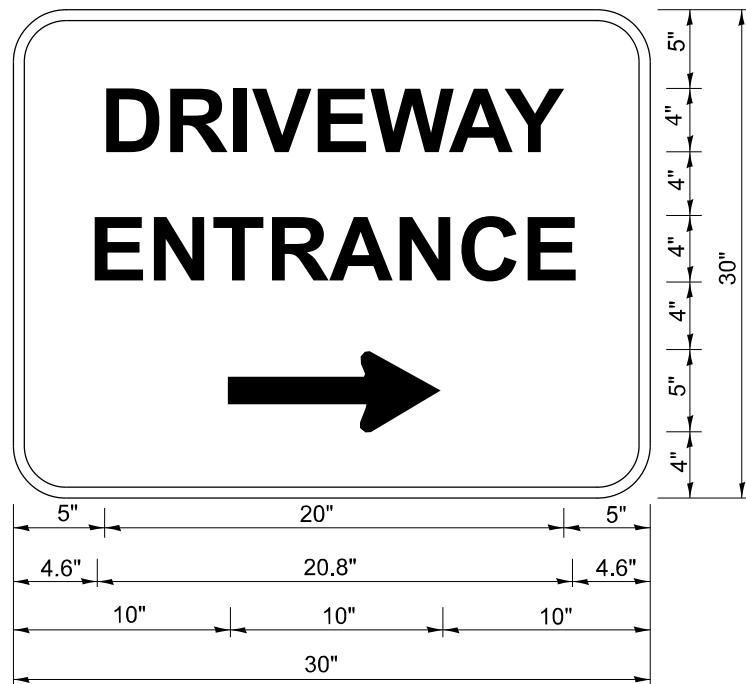
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PLOT DATE = 1/28/2026	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	72
TC-22			CONTRACT NO. 80B05	
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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	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0671	2025-2018-RS,SW	WILL	83	73
TC-26			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

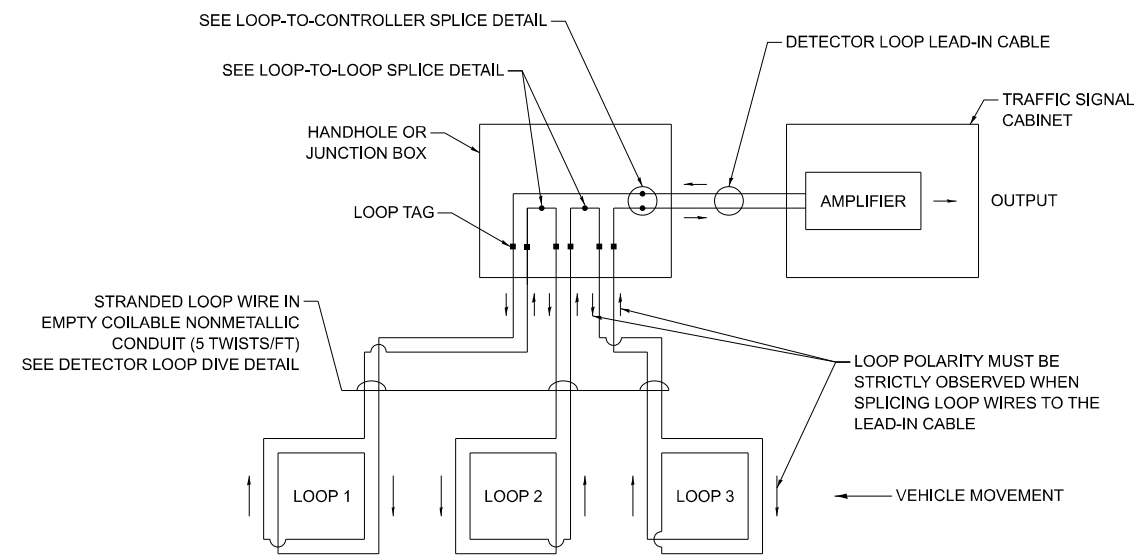
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

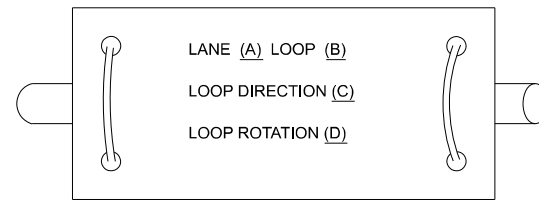
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	74
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				

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.

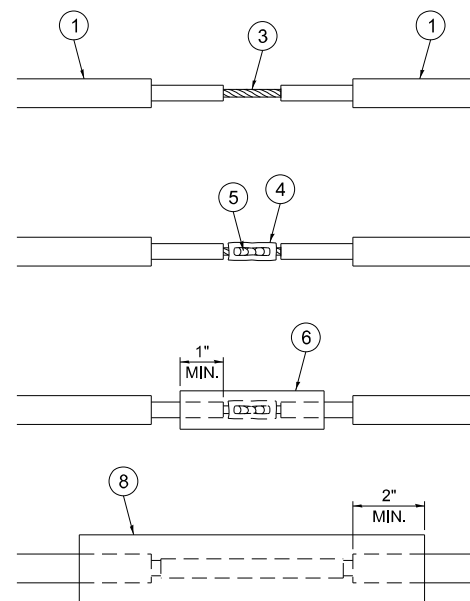


DETECTOR LOOP WIRING SCHEMATIC



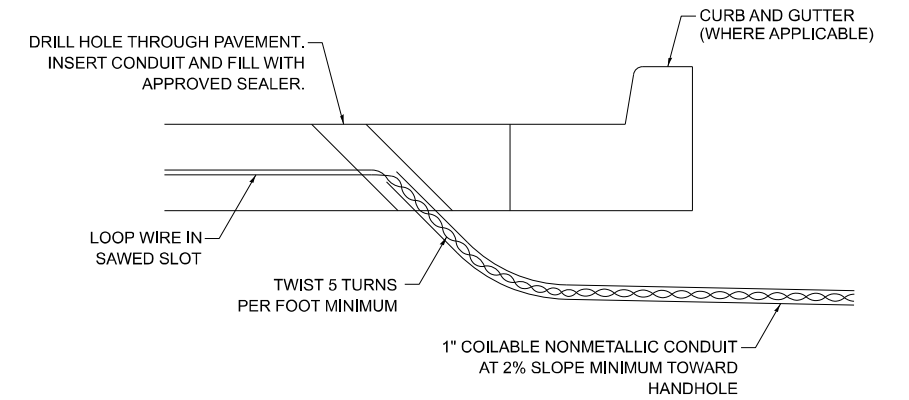
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

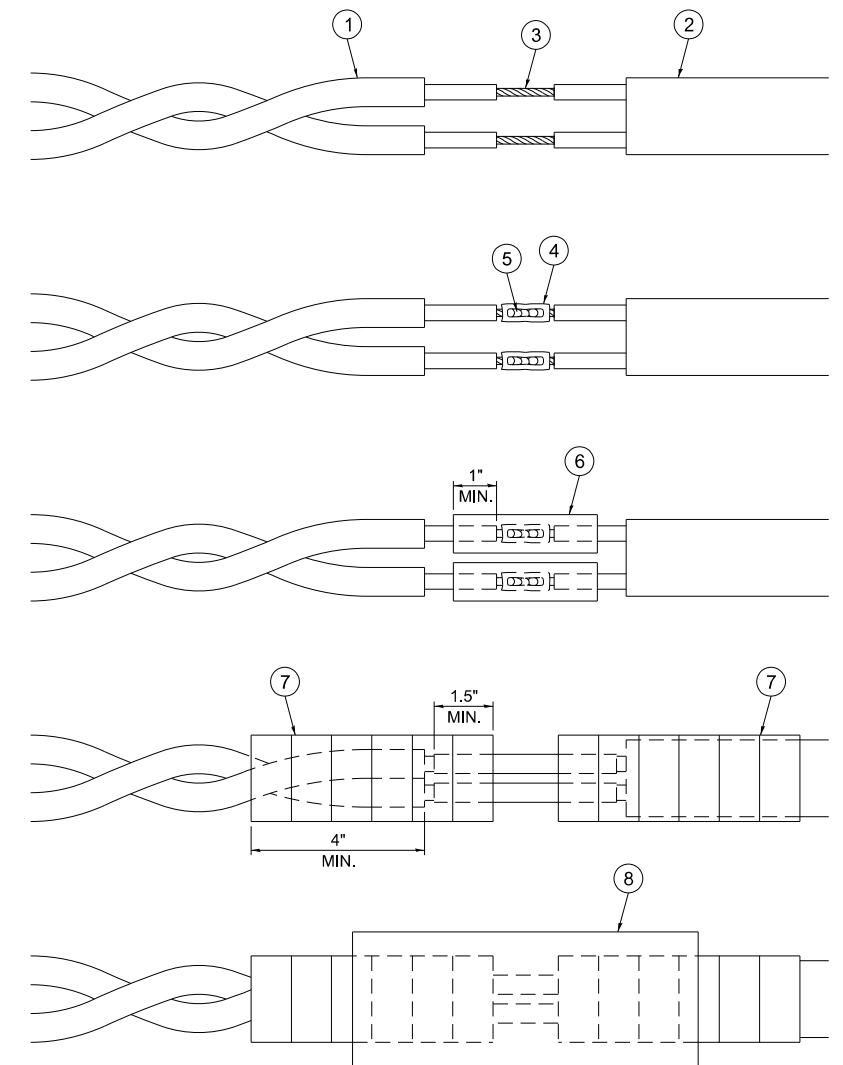


LOOP-TO-LOOP SPLICE DETAIL

- 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

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PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

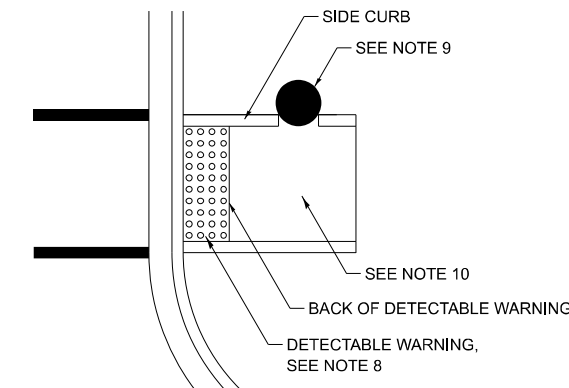
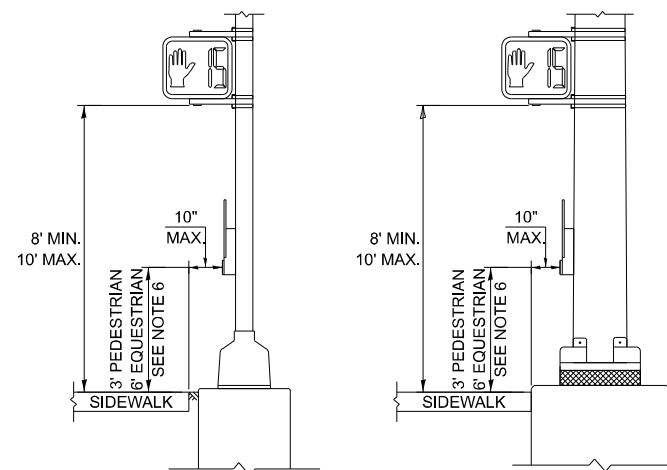
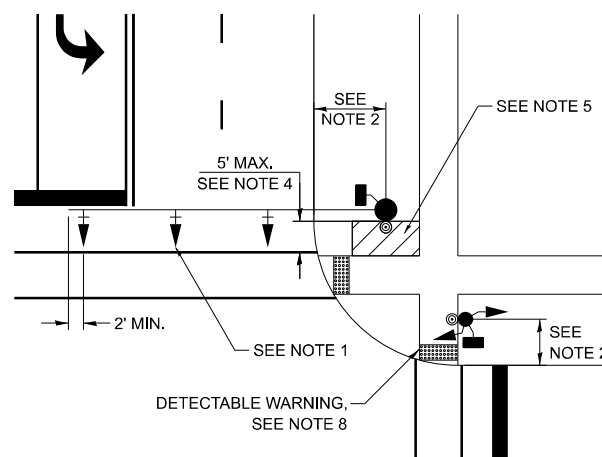
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				

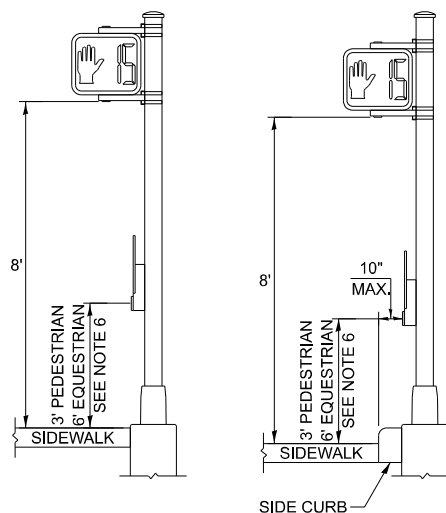
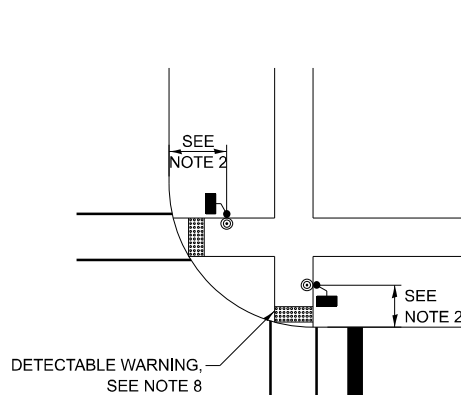
NOTES:

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.

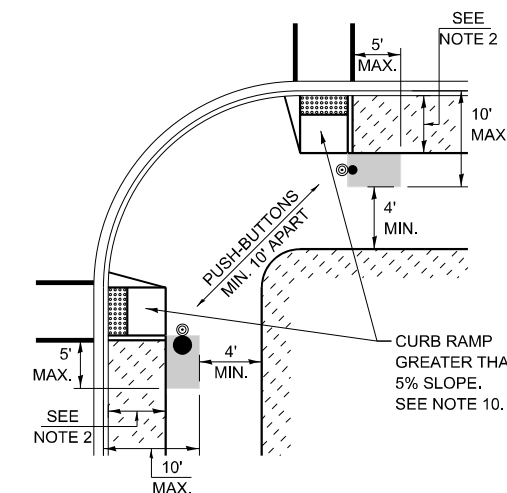
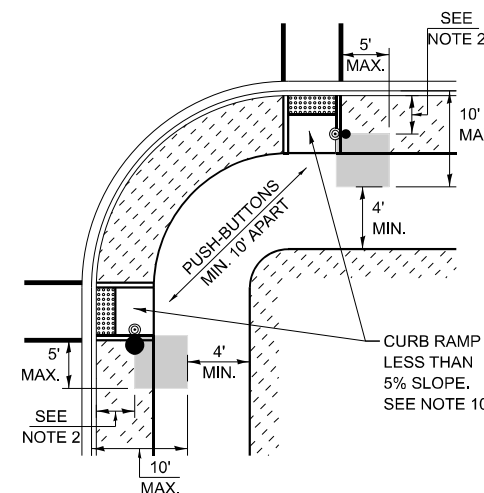
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



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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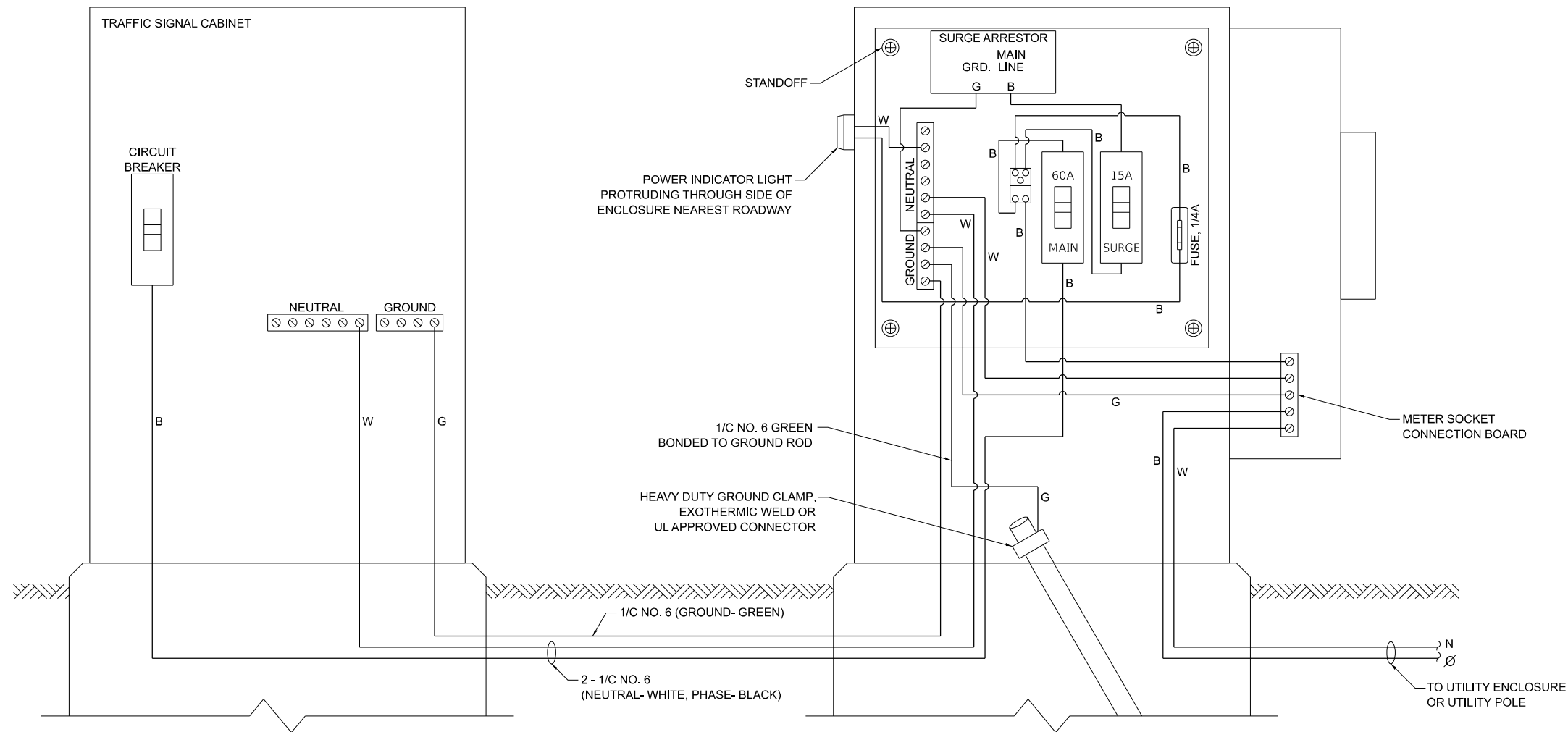
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PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

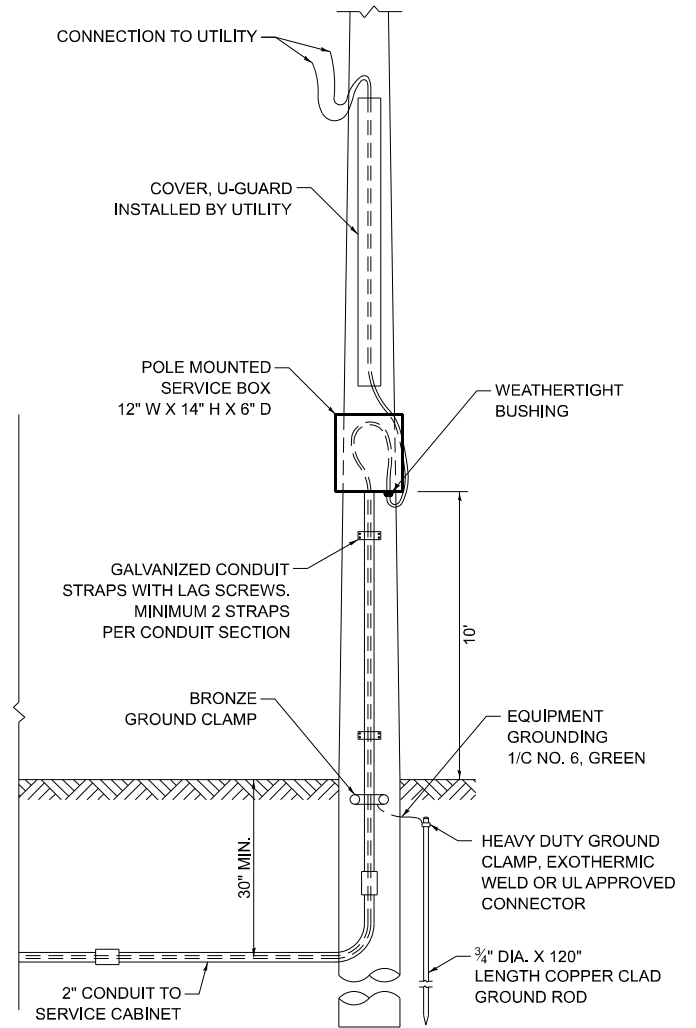
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	76
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



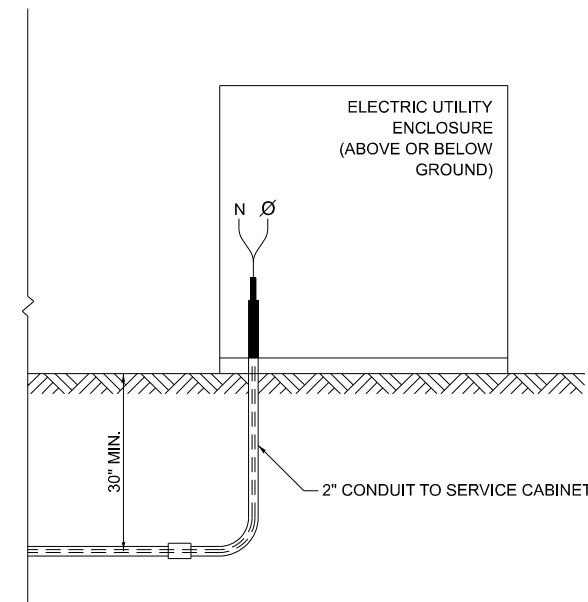
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

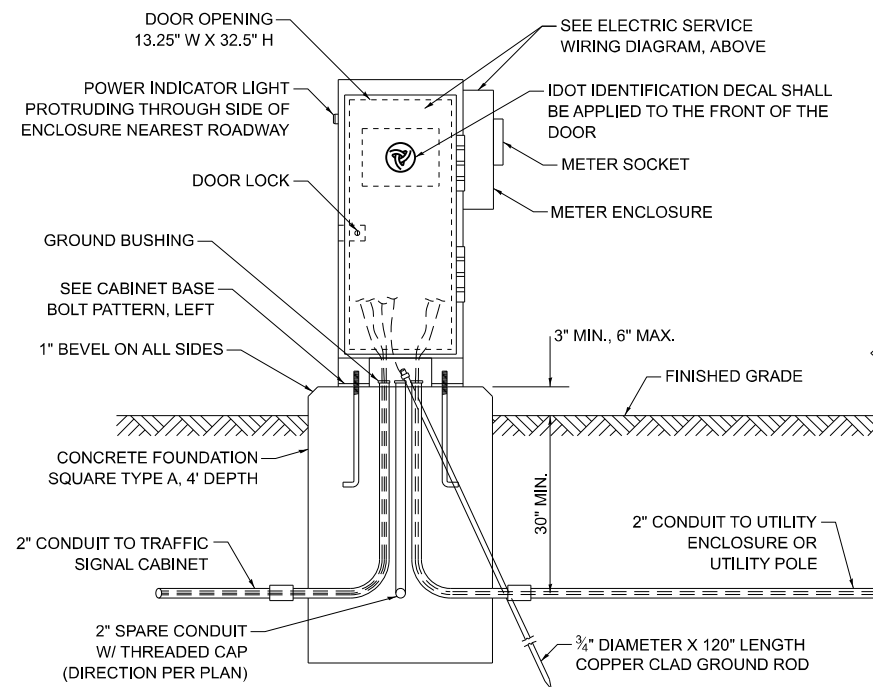
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. 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.



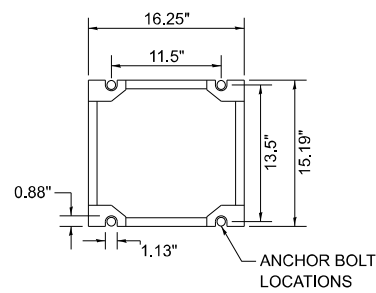
CONNECTION TO UTILITY POLE



CONNECTION TO UTILITY ENCLOSURE



SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CABINET BASE BOLT PATTERN

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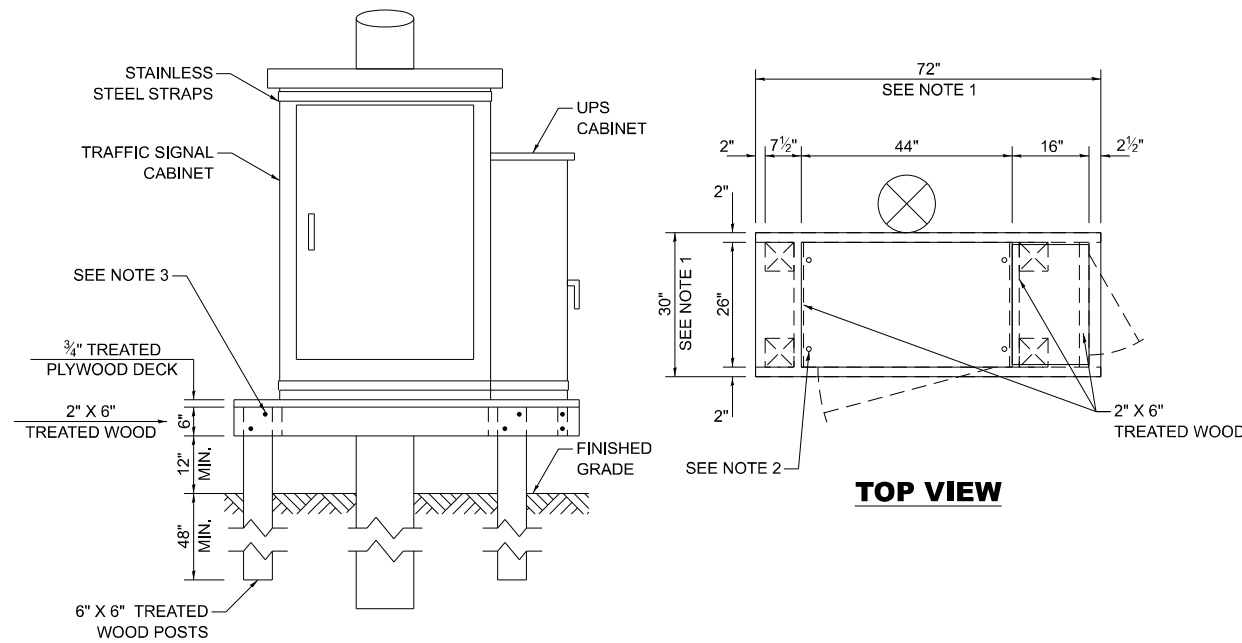
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PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

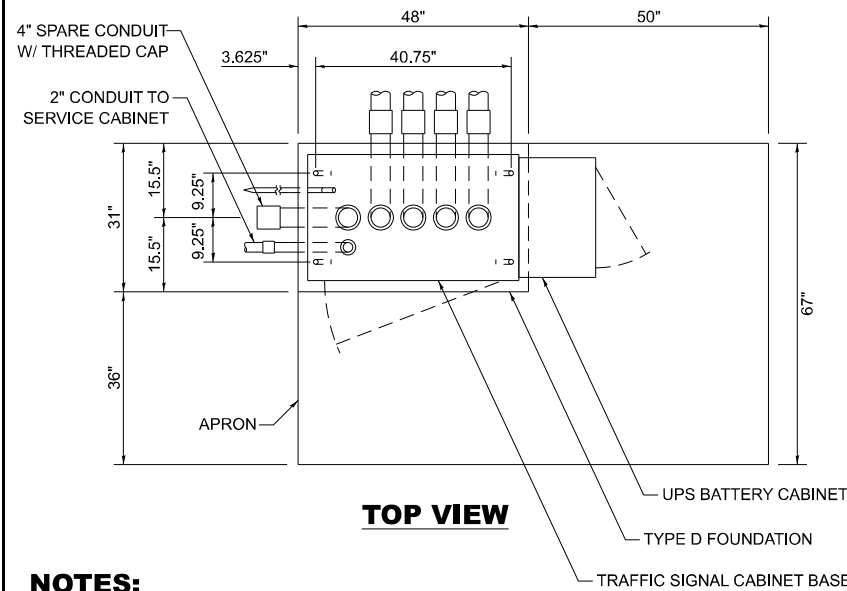
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	77
TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



NOTES:

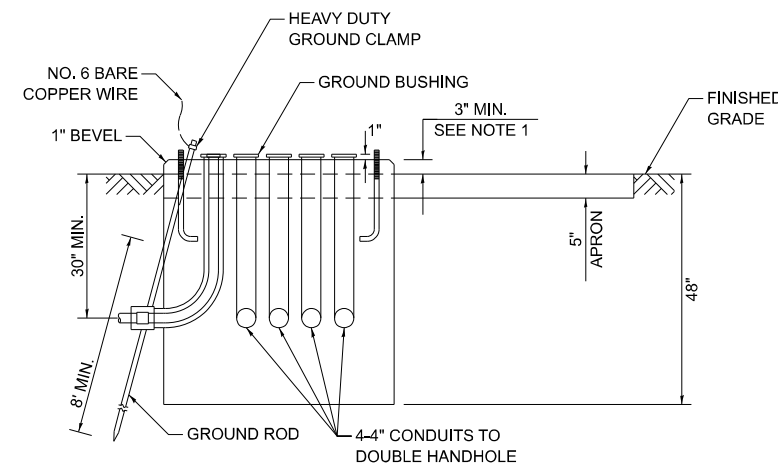
1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH 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

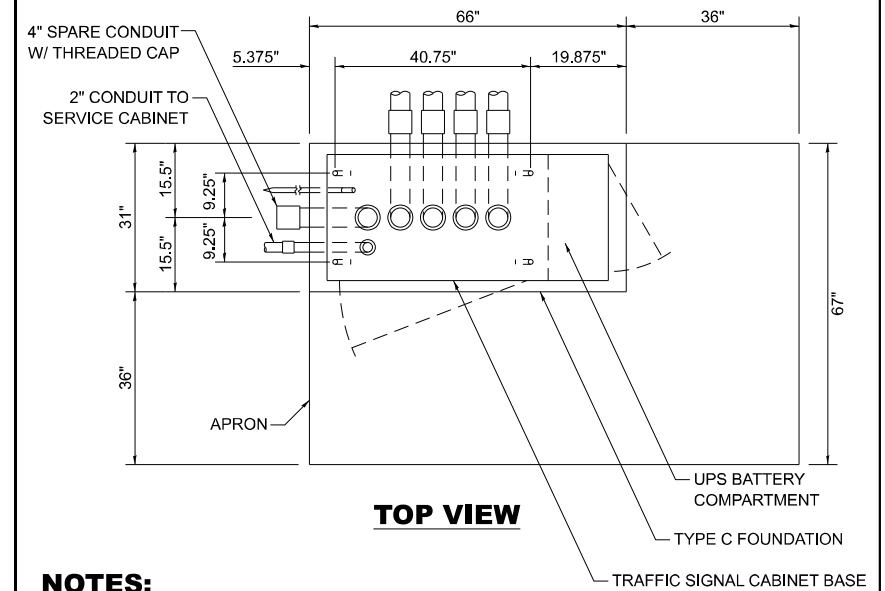


NOTES:

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

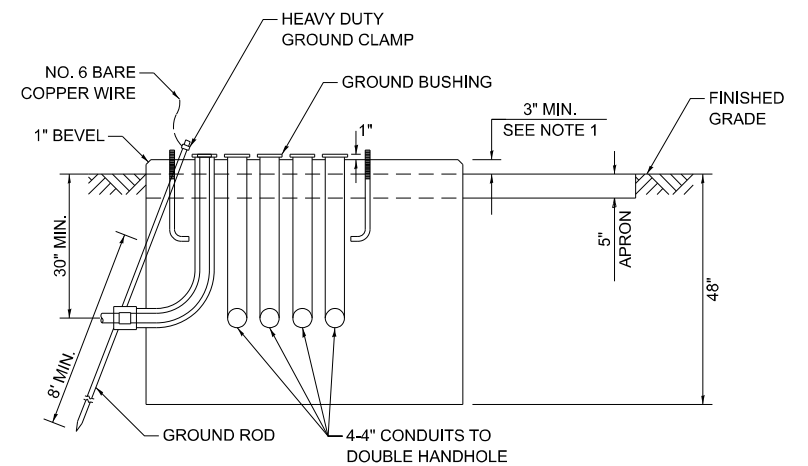


**TYPE D FOUNDATION
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET
AND UPS BATTERY CABINET**



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**

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

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

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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

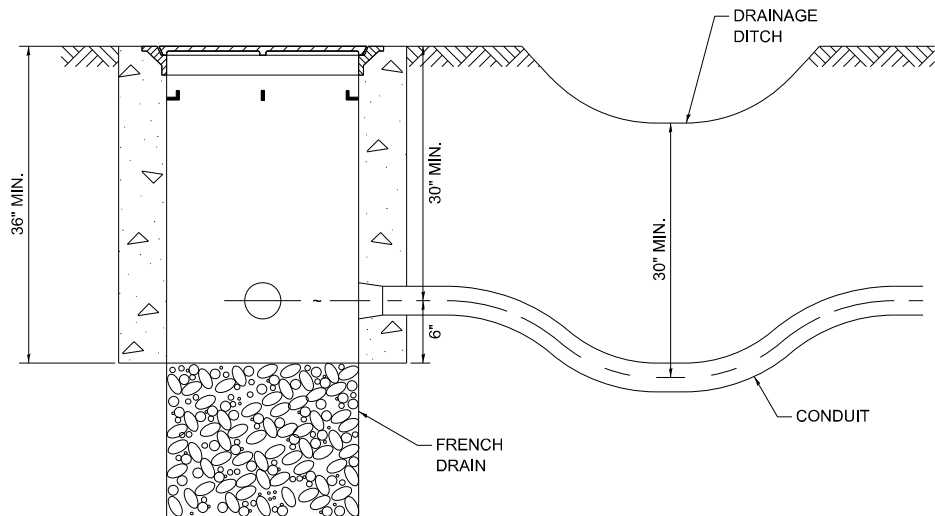
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	78
TS-01			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

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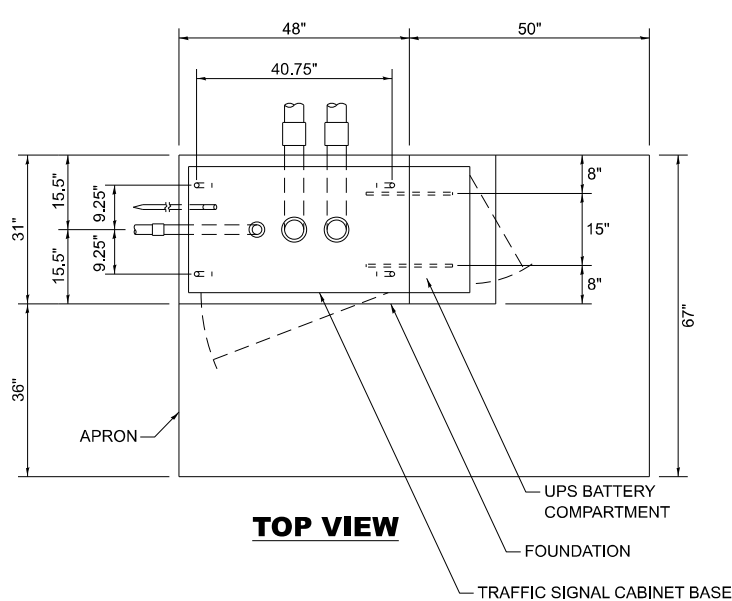
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PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -



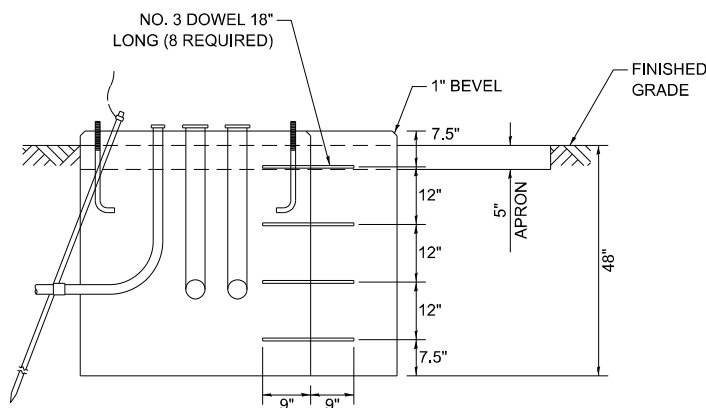
NOTES:

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.

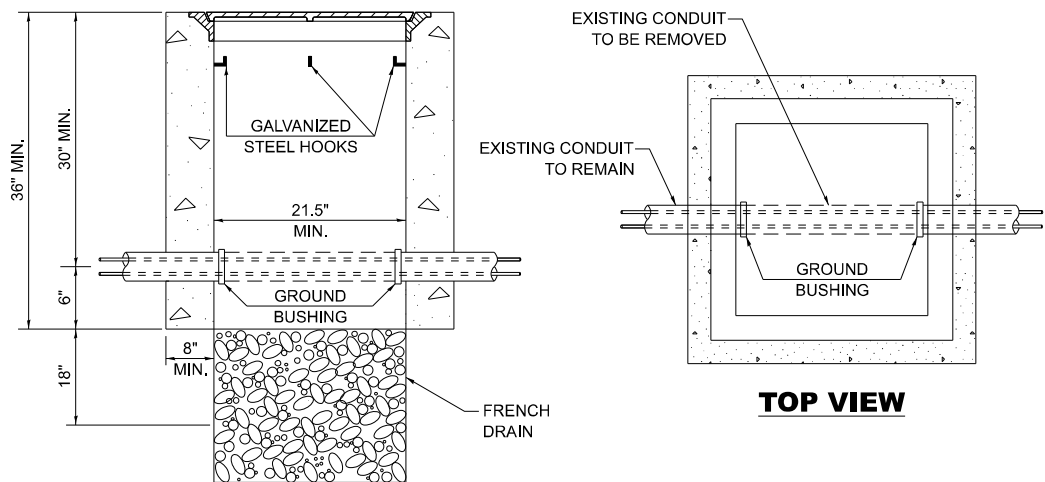
HANDHOLE WITH MINIMUM CONDUIT DEPTH



TOP VIEW



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

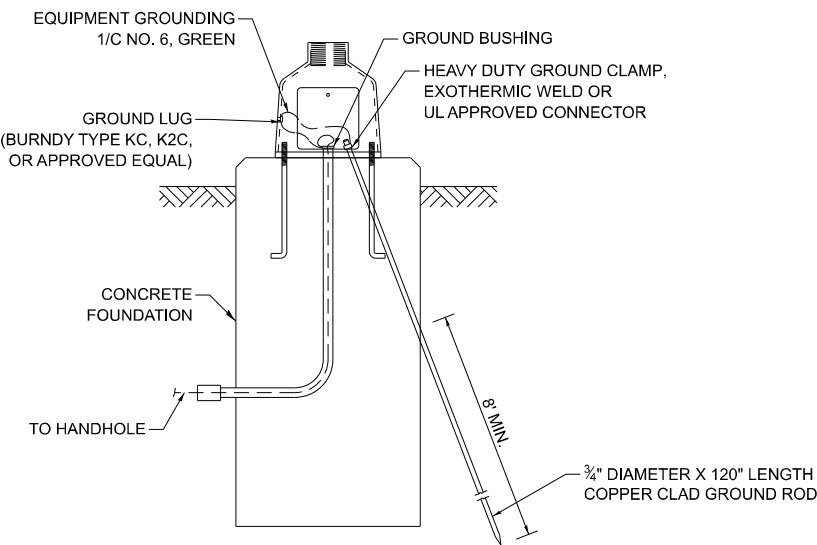


TOP VIEW

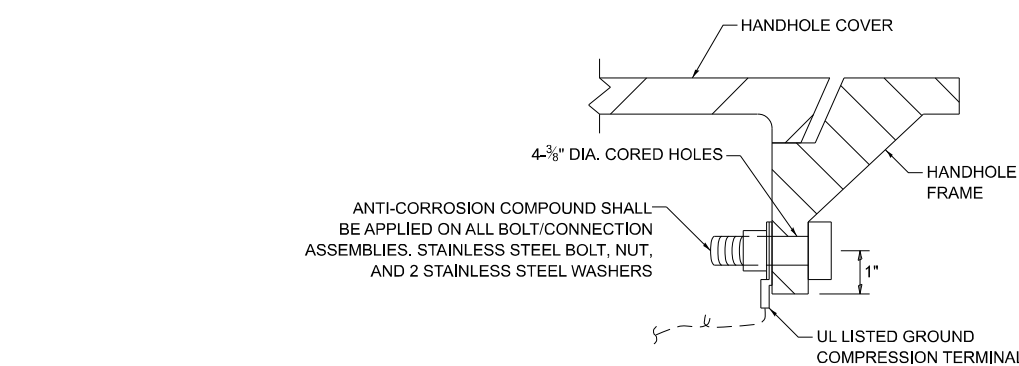
NOTES:

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.

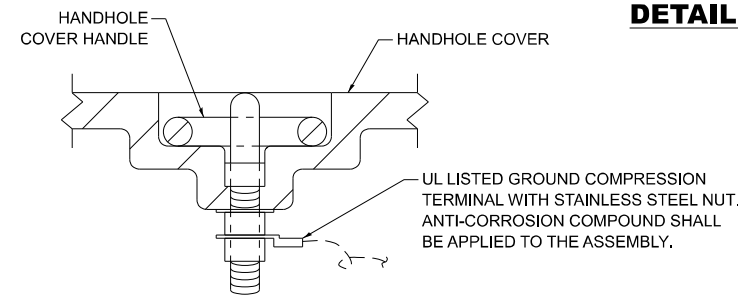
HANDHOLE TO INTERCEPT EXISTING CONDUIT



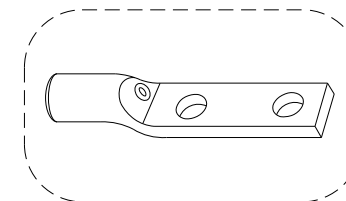
MAST ARM / POST GROUNDING DETAIL



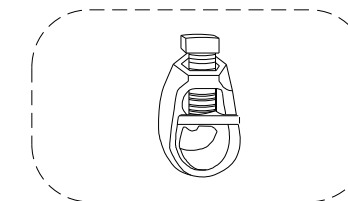
DETAIL A



DETAIL B



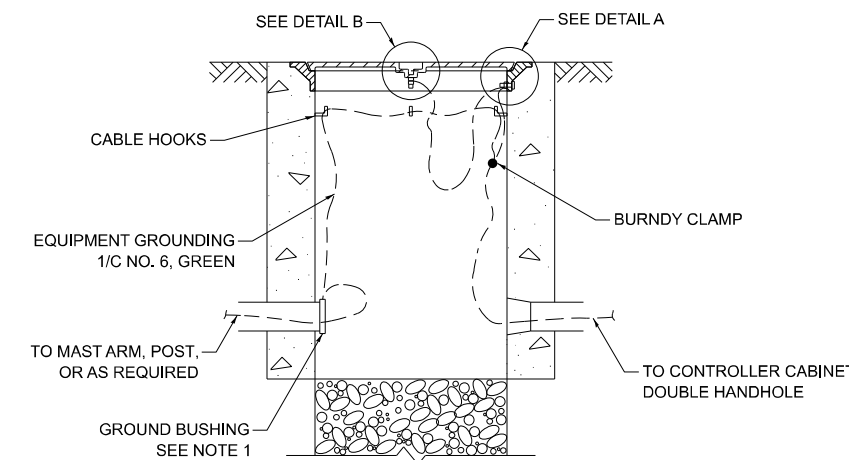
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



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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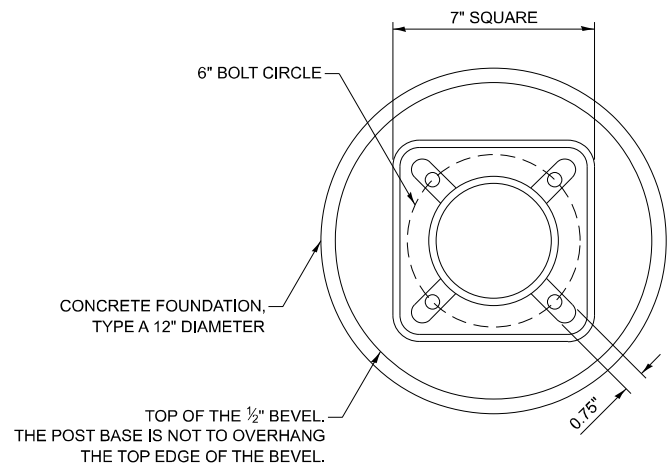
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PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

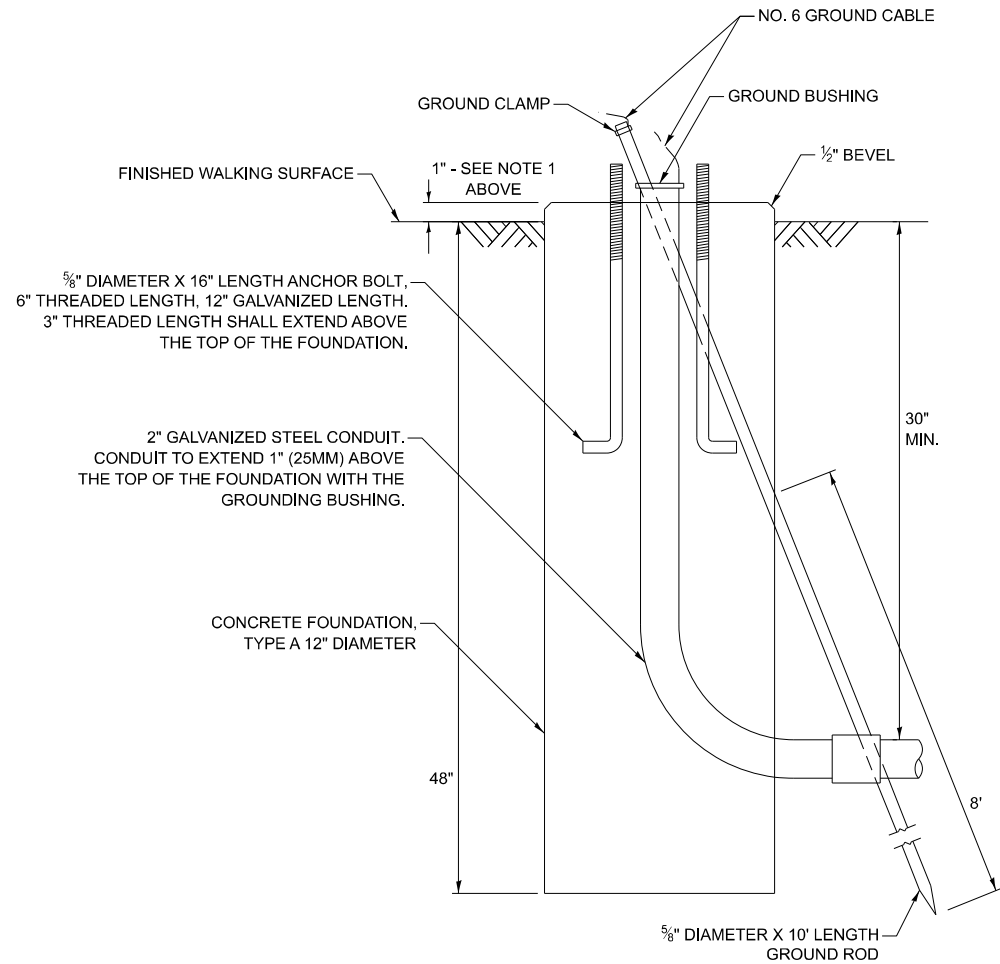
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-01		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



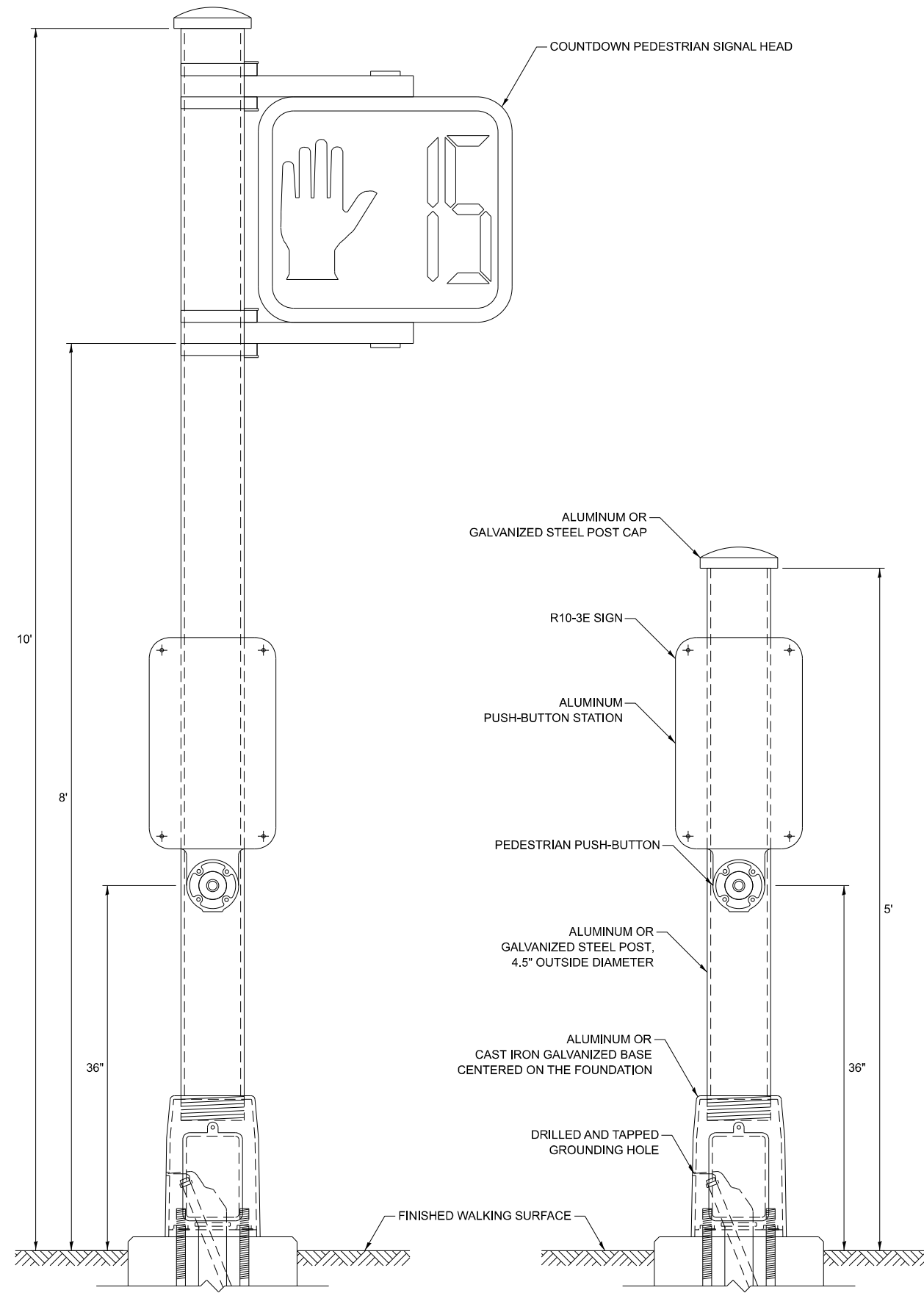
BOLT PATTERN

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.

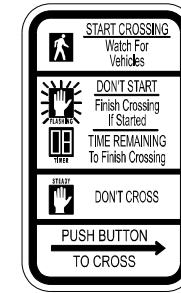


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**

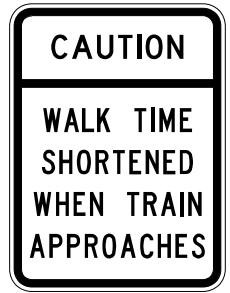


PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-101
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 W10-101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

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USER NAME = connor,mullane	DESIGNED - IP	REVISED -
	DRAWN - IP	REVISED -
	CHECKED - NB/KK	REVISED -
PLOT DATE = 1/28/2026	DATE - 10/15/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

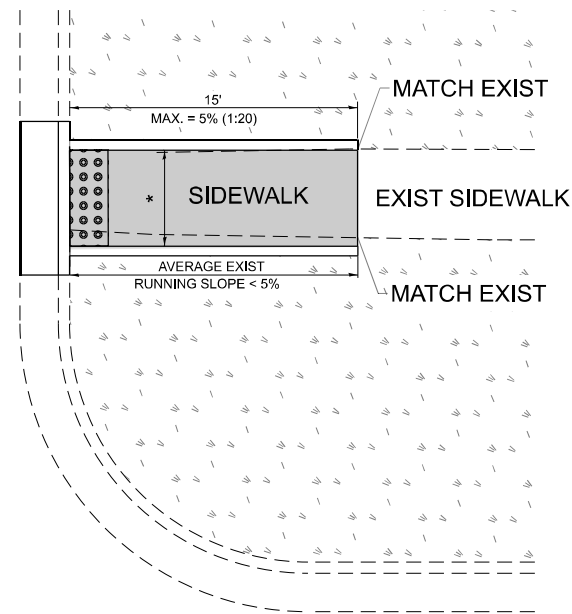
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

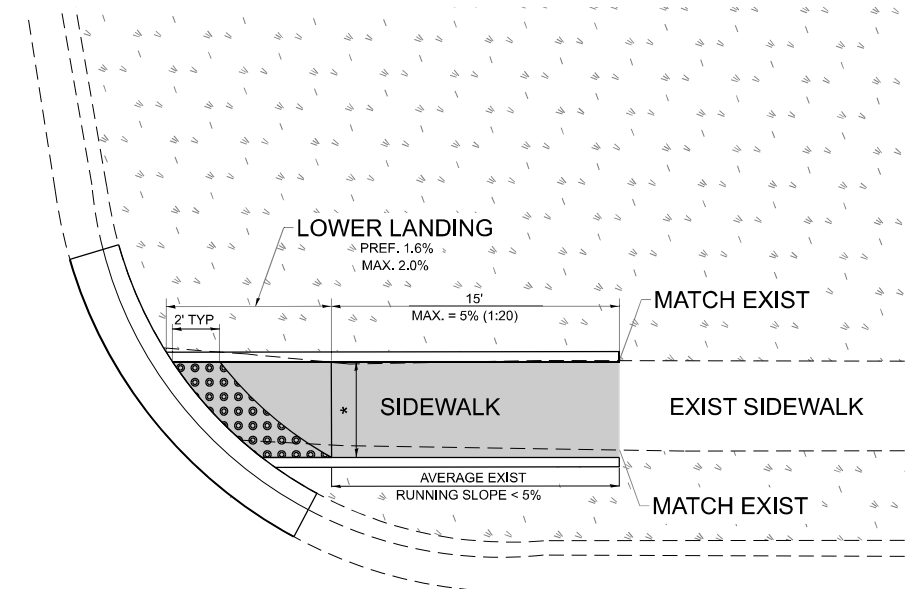
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	80
TS-01			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

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





PD-01A



PD-01B



LEGEND

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

CONSTRUCTION NOTES:

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

MODEL: pd-01 (Sheet)
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USER NAME = connor.mullane	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE - 12/03/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

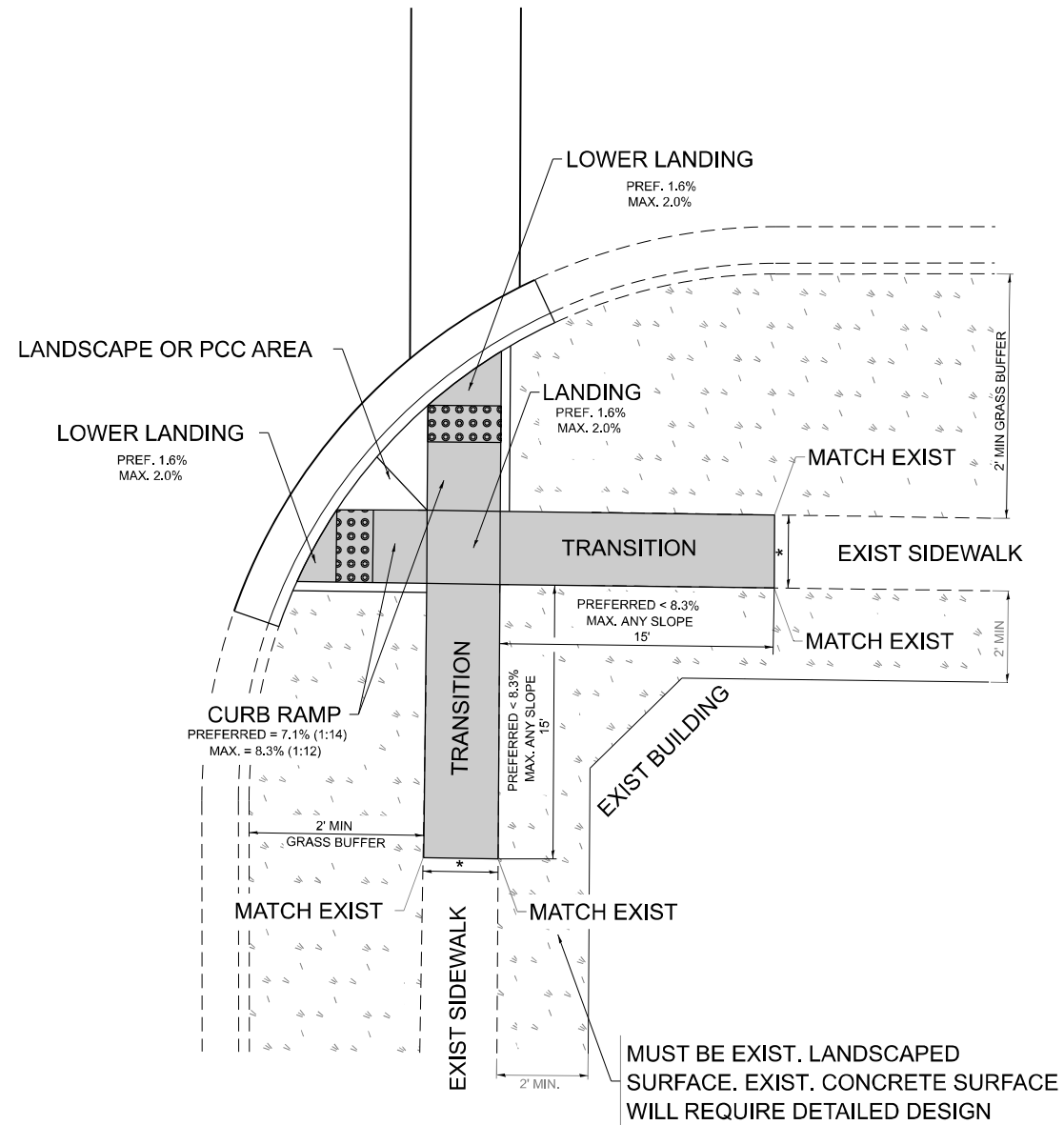
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

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

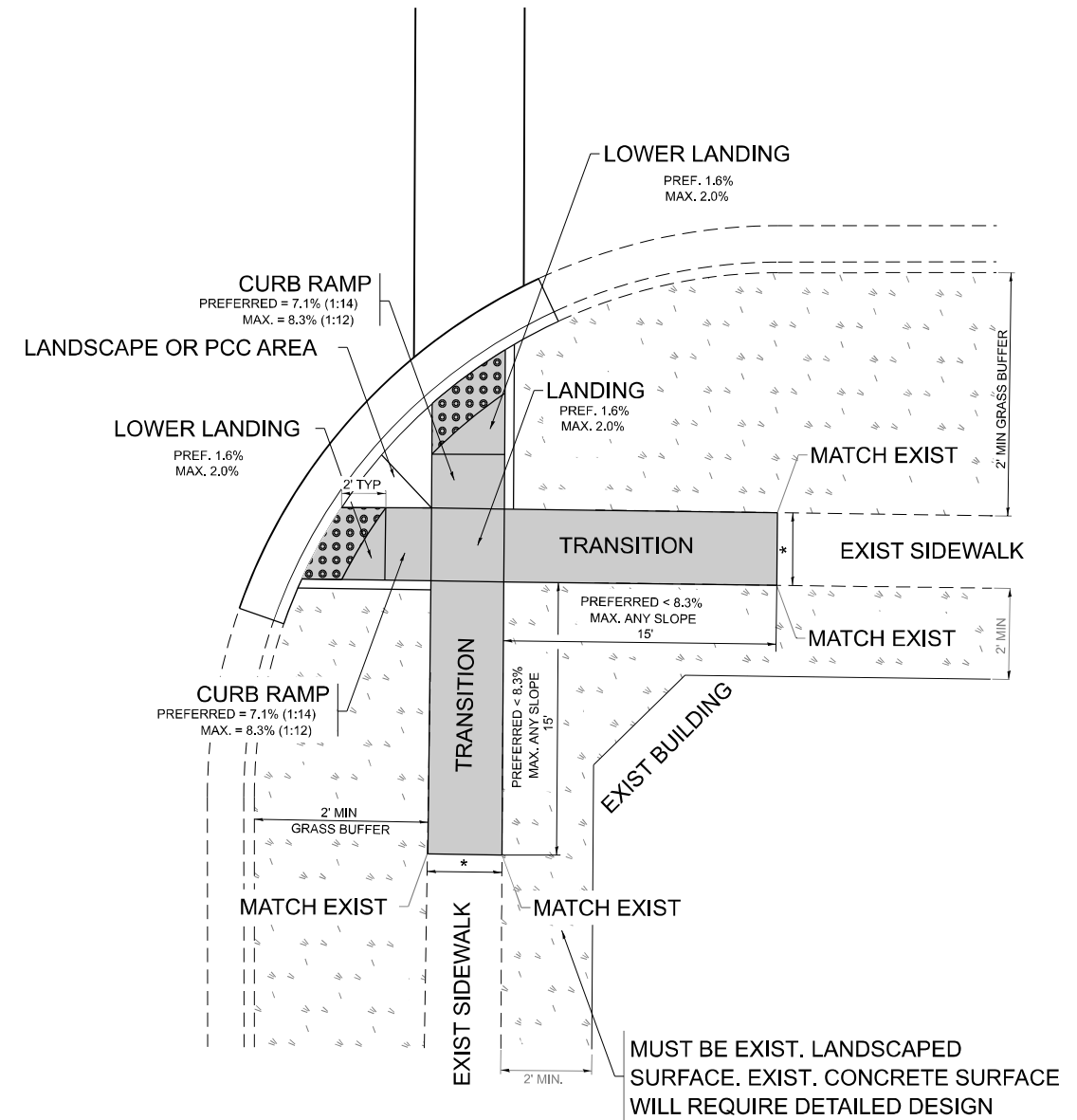
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0671	2025-2018-RS,SW	WILL	83	81
PD-01			CONTRACT NO. 80B05	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

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

CONSTRUCTION NOTES:

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

MODEL: pd-03 (Sheet)
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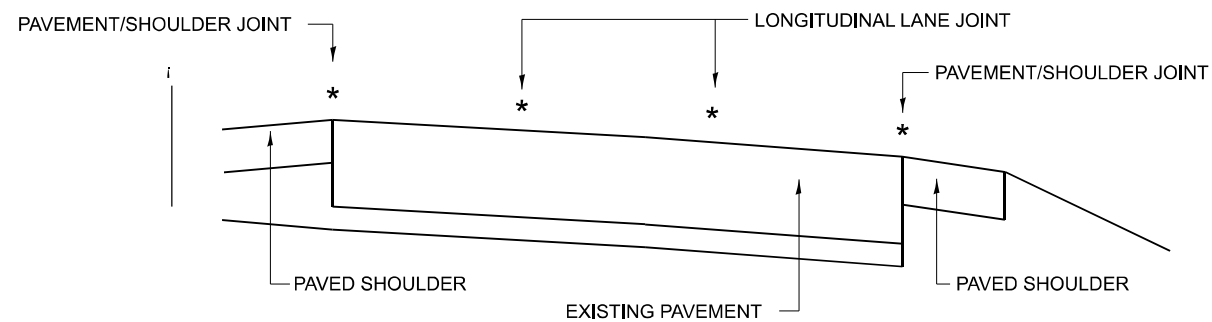
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	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/28/2026	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

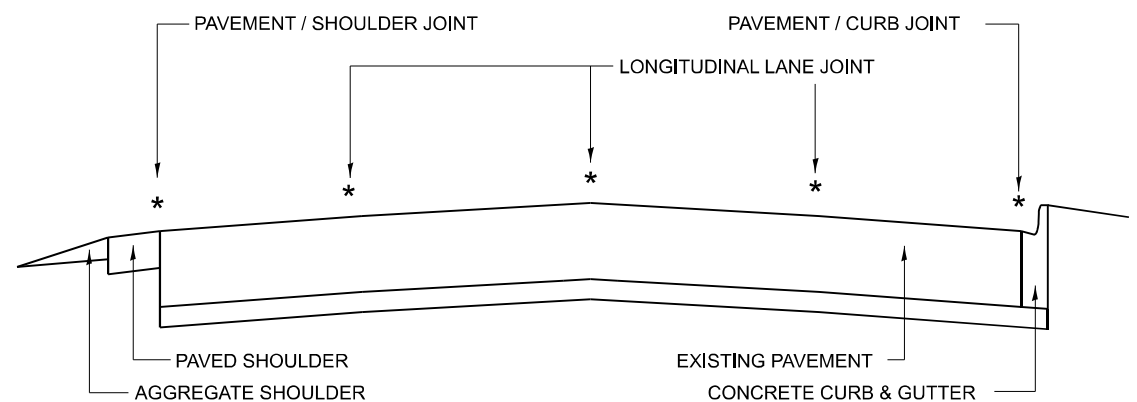
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

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

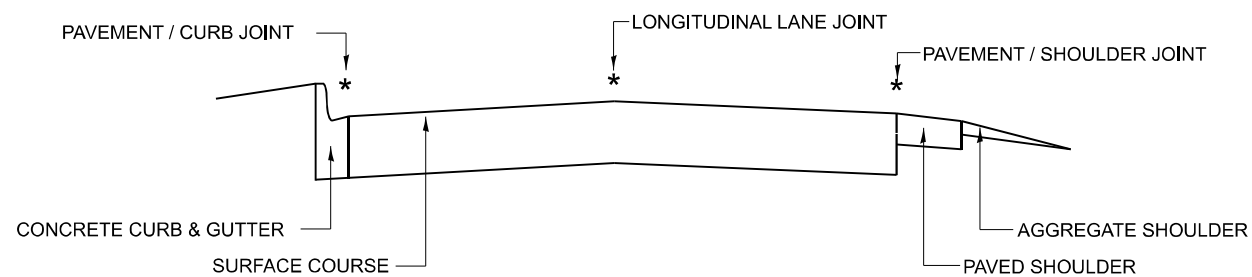
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	82
PD-03		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				



MULTI-LANE DIVIDED PAVEMENT



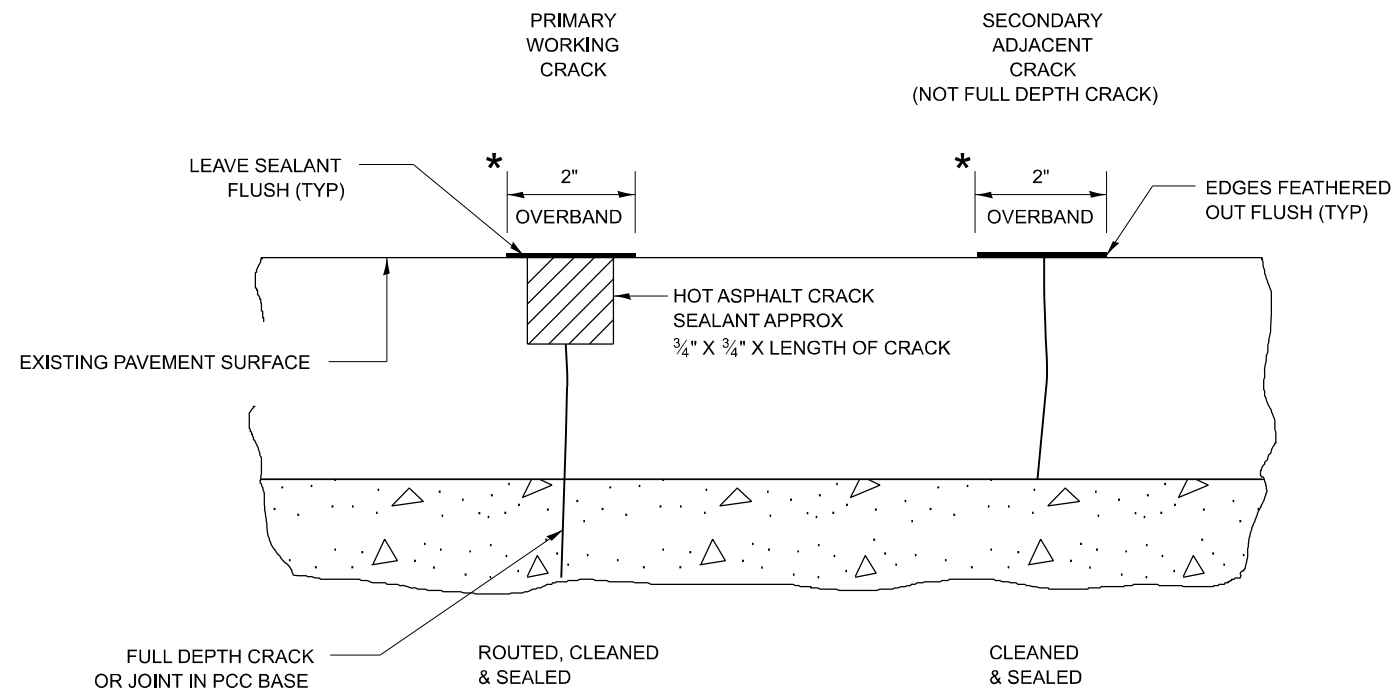
MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

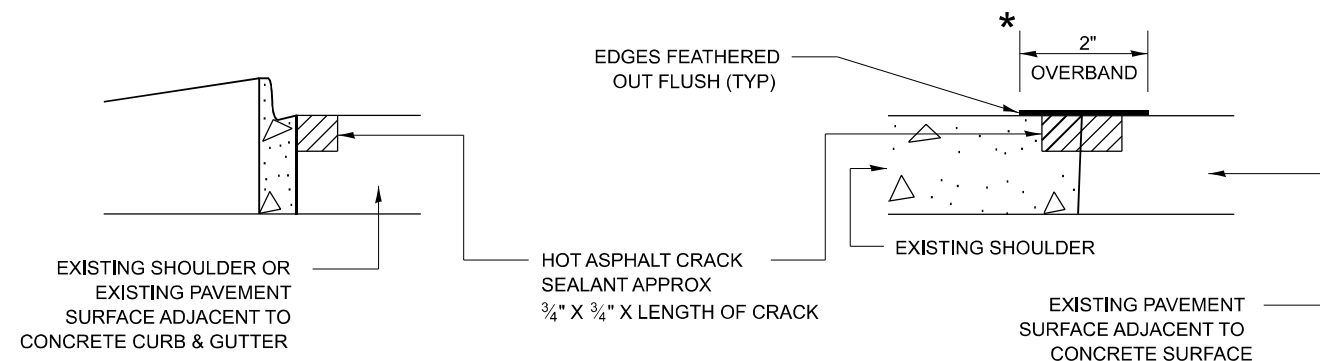
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**GENERAL EXISTING TYPICAL SECTIONS
(APPLIES TO HMA AND PCC PAVEMENTS)**



* IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH MODIFIED URETHANE PAVEMENT MARKINGS.

LONGITUDINAL JOINT



CRACK & JOINT SEALING DETAIL

MODEL: pd-11 (Sheet)
FILE NAME: c:\p\work\pavement\concor.mullane@illinois.gov\119874\16425-sh-h-DistStatus.dgn

USER NAME =	connor,mullane	DESIGNED -	F. Aqueel / A. Midy	REVISED -	
		DRAWN -		REVISED -	
		CHECKED -		REVISED -	
PLOT DATE =	1/28/2026	DATE -	10/08/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CRACK & JOINT SEALING DETAIL
(PD-11)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	83
PD-11		CONTRACT NO. 80B05		
ILLINOIS FED. AID PROJECT				