

MODEL: - s001 [Sheet]
FILE NAME: - c:\p\w\o\k\w\k\dot\com\or\mullane@illinois.gov\d1119874D116425-sh1-SQ.Q.dgn

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					
	63200310	GUARDRAIL REMOVAL	FOOT	10	10					
*	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

REVISED SHEET 4/14/2026

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							
X1004505	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							

USER NAME = connor.mullane

DESIGNED -

DRAWN -

CHECKED -

PLOT DATE = 1/28/2026

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STATE OF
DEPARTMENT OF T

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, EQUIPMENT 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 EQUIPMENT	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 FOUNDATION TYPE A 12 -INCH DIAMETER	FOOT	40	40						
Z0033044	RE -OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	3	3						
X2100002	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	UNIT	24	24						

1

REVISED SHEET 4/14/2026

ILLINOIS
TRANSPORTATION

SUMMARY OF QUANTITIES

ILL 7 (US 30 TO IL 53)

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	4

SCALE:

SHEET 2 OF 2 SHEETS

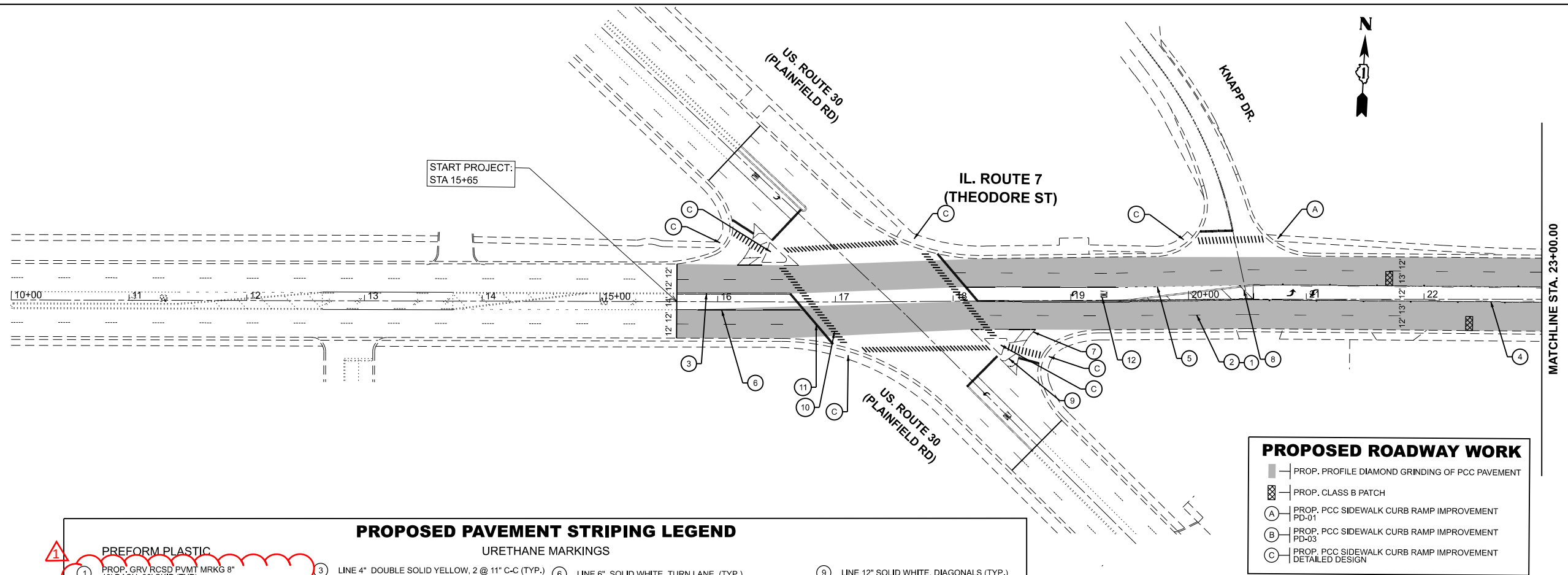
STA. TO STA.

CONTRACT NO. 80B05

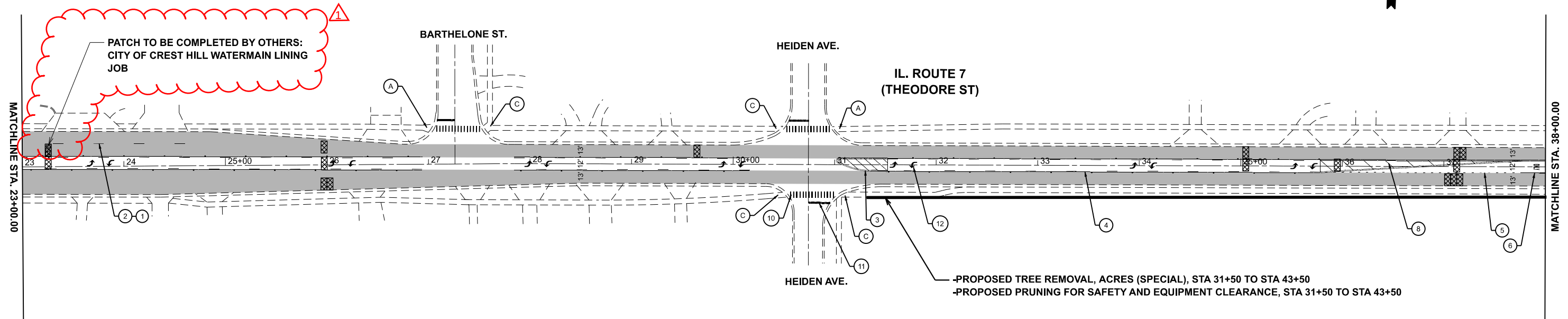
ILLINOIS | FED. AID PROJECT

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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.)
2	TYPE D, 10' - 30' SKIP, WHITE LINE 7" (4" WHITE CONTRAST PAVEMENT MARKINGS) (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 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

1 REVISED SHEET 4/14/2026

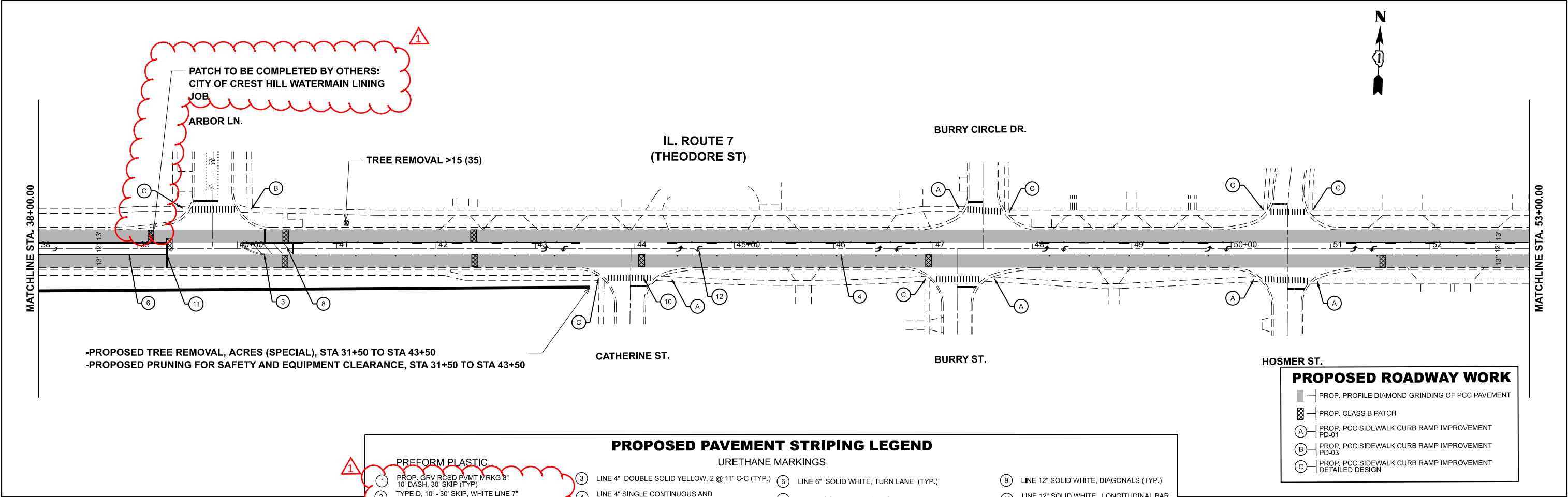
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CHECKED	-	REVIS	-	REVISED	-
DATE	-	REVIS	-	REVISED	-
PLOT DATE	= 4/8/2026	DATE	-	REVISED	-

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				



1

PREFORM PLASTIC

1 PROP. GRV. RCSD P/MT MRKG 8" 10' DASH, 30' SKIP (TYP.)

2 TYPE D, 10' - 30' SKIP, WHITE LINE 7" (4" WHITE CONTRAST PAVEMENT MARKINGS) (TYP.)

3

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

URETHANE MARKINGS

6 LINE 6" SOLID WHITE, TURN LANE (TYP.)

7 LINE 8" SOLID WHITE (TYP.)

8 LINE 12", YELLOW PAINTED MEDIAN DIAGONAL, 45°, (TYP.)

9

URETHANE MARKINGS

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

█

PROP. PROFILE DIAMOND GRINDING OF PCC PAVEMENT

▣

PROP. CLASS B PATCH

A

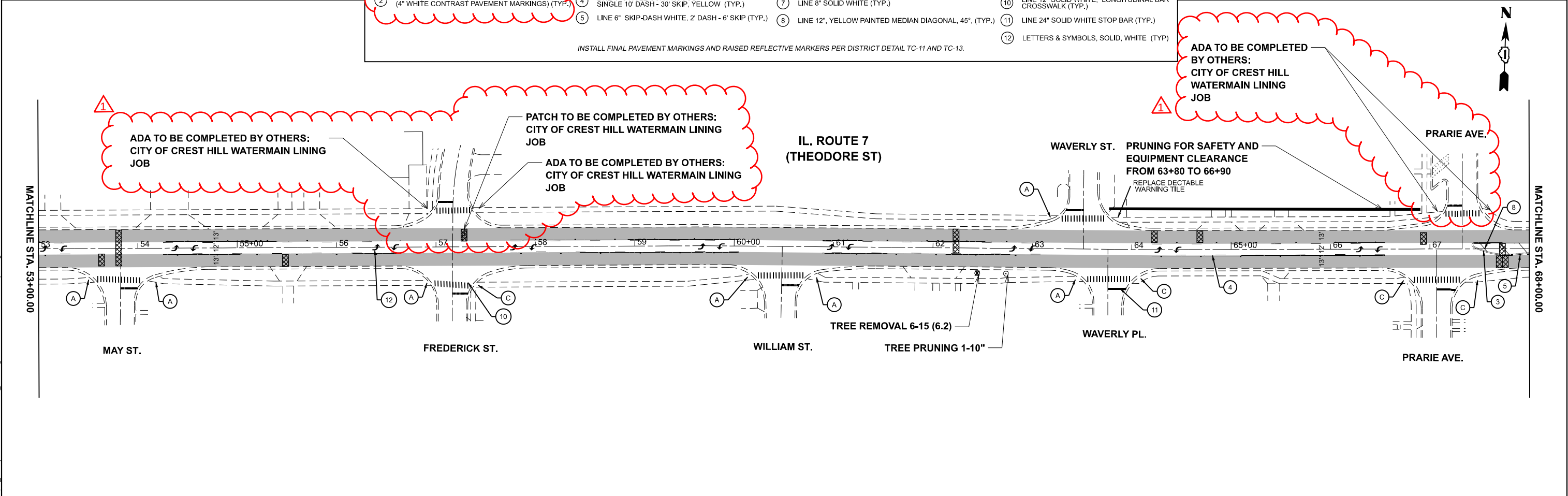
PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-01

B

PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT PD-03

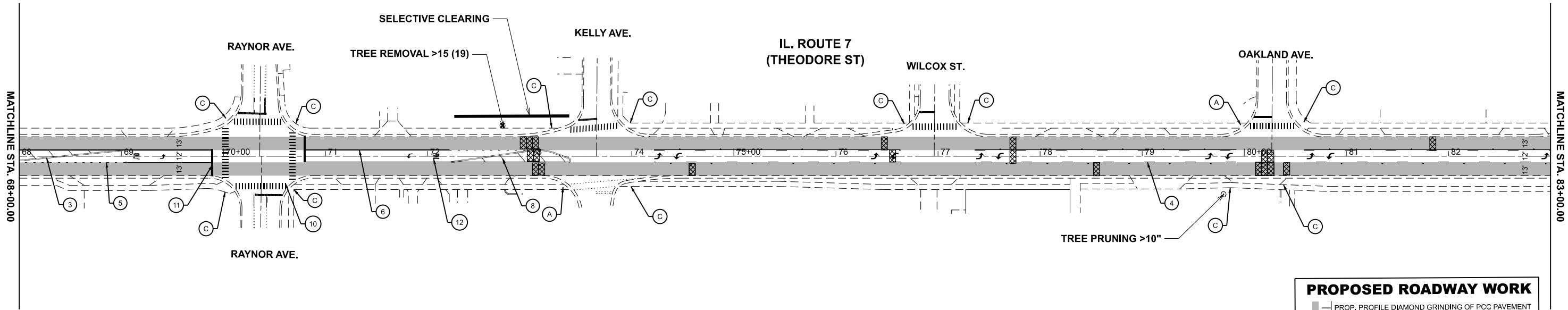
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PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT DETAILED DESIGN



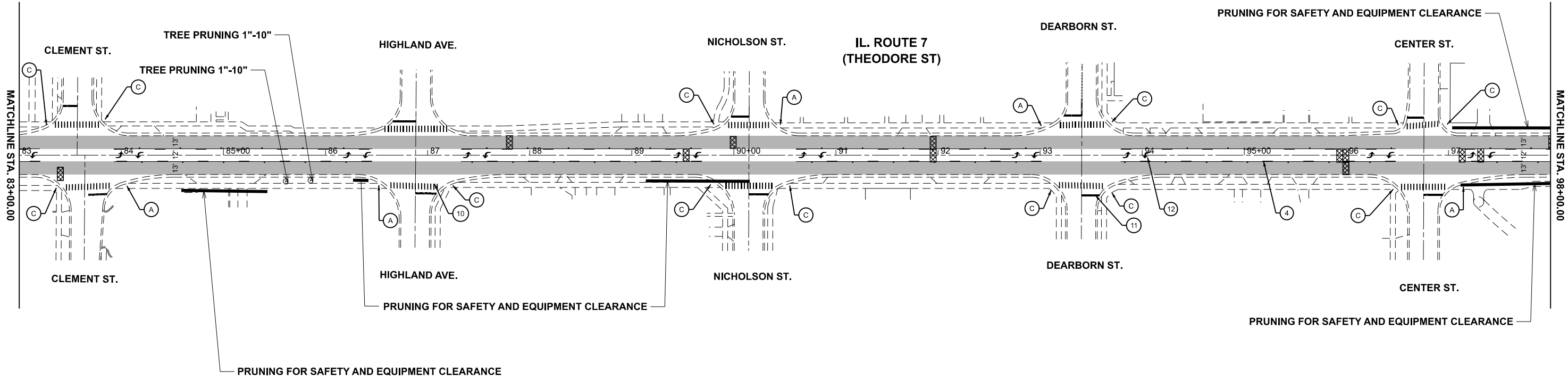
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		DRAWN -	REVISED -						0871	2025-2018-RS,SW	WILL	83	7	
		CHECKED -	REVISED -						CONTRACT NO. 80B05					
	PLOT DATE = 4/8/2026	DATE -	REVISED -		SCALE: 1"=50'	SHEET 2	OF 4	SHEETS	STA. 38+00.00	TO STA. 68+00.00	ILLINOIS FED. AID PROJECT			

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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, 10' - 30' SKIP, WHITE LINE 7" (4" WHITE CONTRAST PAVEMENT MARKINGS) (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



REVISED SHEET 4/14/2026

USER NAME = connor.mullane	DESIGNED -	REVISED - CM 4/8/2026
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT DATE = 4/8/2026		

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				

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PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

CORA ST.

IL. ROUTE 7
(THEODORE ST)

HICKORY ST.

END PROJECT:
STA 107+25

IL. ROUTE 7/53
(BROADWAY ST)

GENSTAR LN

MATCHLINE STA. 98+00.00

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

IL. ROUTE 53
(BROADWAY ST)



PROPOSED PAVEMENT STRIPING LEGEND

PREFORM PLASTIC

- ① PROP. GRV. RCSD PVMT MRKG 6" 10' DASH, 30' SKIP (TYP.)
- ② TYPE D, 10' - 30' SKIP, WHITE LINE 7" (4" WHITE CONTRAST PAVEMENT MARKINGS) (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.

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

1 REVISED SHEET 4/14/2026

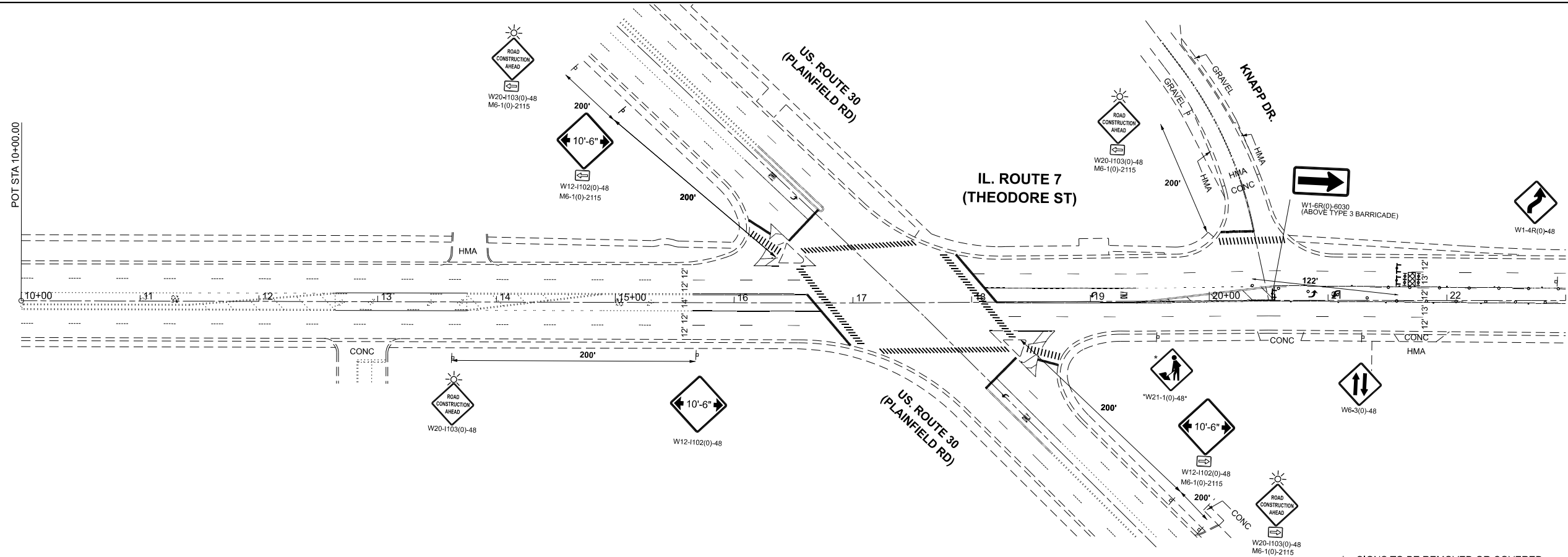
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DRAWN	-	REVIS	-	REVISED	-
CHECKED	-	REVIS	-	REVISED	-
DATE	-	REVIS	-	REVISED	-
PLOT DATE	= 4/8/2026	DATE	-	REVISED	-

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

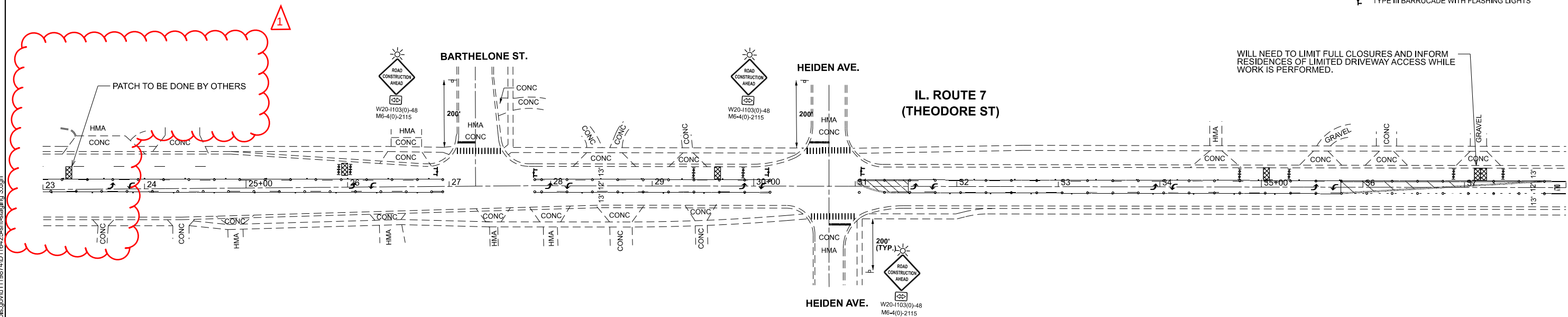
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0871	2025-2018-RS,SW	WILL	83	9
CONTRACT NO. 80B05				
ILLINOIS FED. AID PROJECT				



* = 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



1 REVISED SHEET 4/14/2026

PLOT DATE = 4/8/2026	USER NAME = connor.mullane	DESIGNED -	REVISED - CM 4/8/2026
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

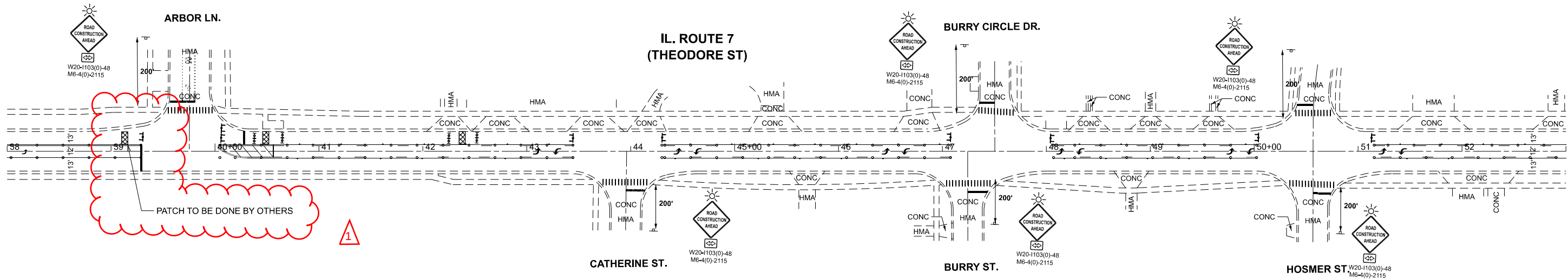
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

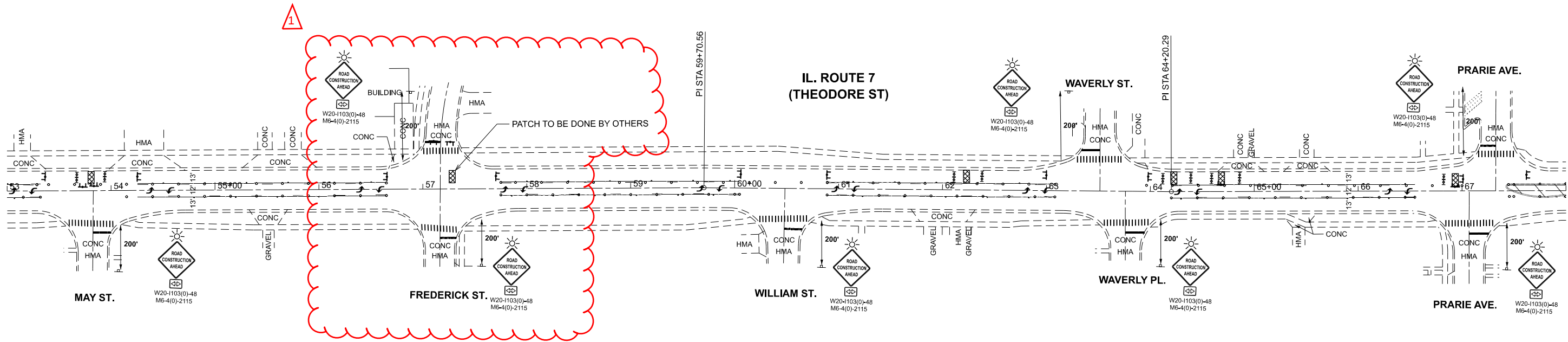
SCALE: 1"=50' SHEET 10 OF 13 SHEETS STA. 10+00.00 TO STA. 40+00.00

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				

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- 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

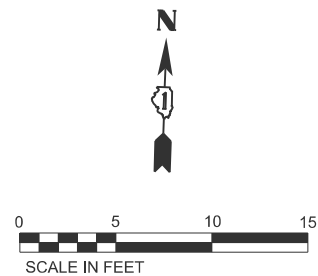
1 REVISED SHEET 4/14/2026

USER NAME = connor.mullane	DESIGNED -	REVISED - CM 4/8/2026
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	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				



CLEMENT ST

IL 7 (THEODORE 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 | | 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 | | |

GUARDRAIL TO BE REMOVED(ONLY THE SECTION IN THE WAY OF THE ADA RAMP)

REVISED SHEET 4/14/2026



USER NAME = TylerD	DESIGNED - BB	REVISED - CM 4/8/2026
	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 NW & NE

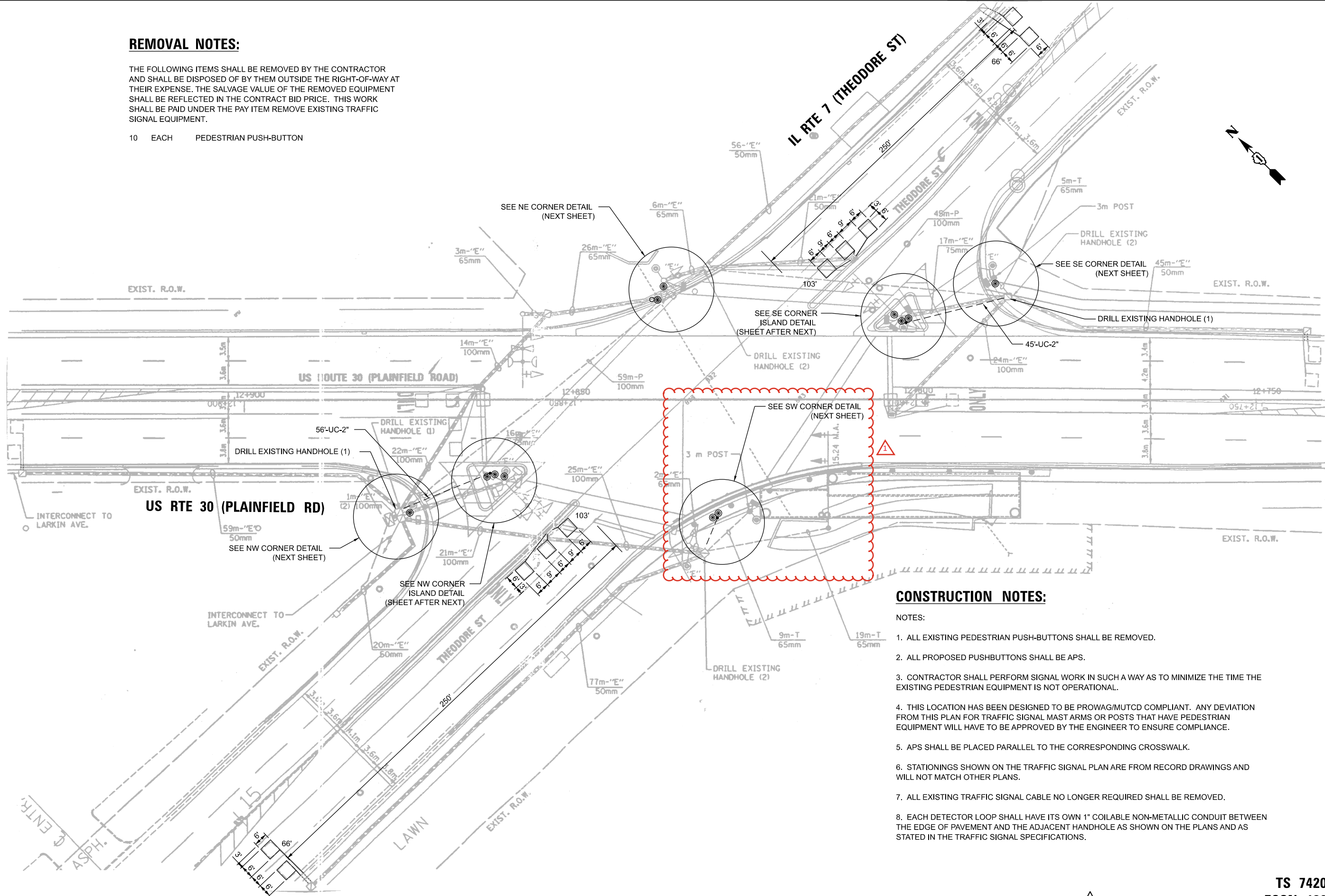
SCALE: SHEET 21 OF 31 SHEETS STA. TO STA.

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

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

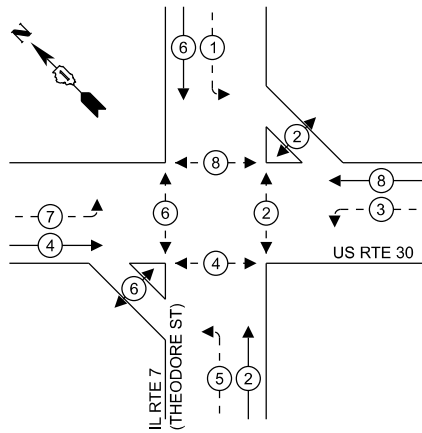


CONSTRUCTION NOTES:

- NOTES:
- ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
 - ALL PROPOSED PUSHBUTTONS SHALL BE APS.
 - CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
 - 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.
 - APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
 - STATIONINGS SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.
 - ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
 - 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.

FILE NAME: F:\Projects\1078 - VV Phase II - Items\VO 25\Design\Sheet\1080\5-shh-TS11-CAB US 30.dgn

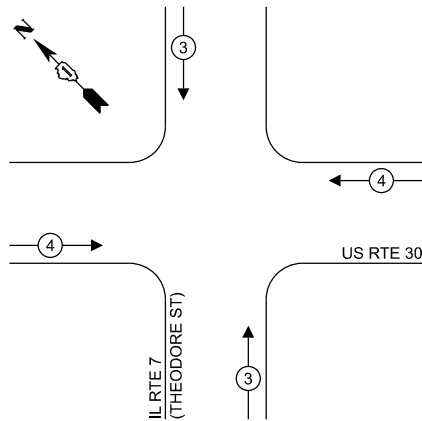
EXISTING AND PROPOSED CONTROLLER SEQUENCE



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	12	15	180
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	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			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: 866-669-3532

COMPANY: COMED

ACCOUNT NUMBER: 22018-22000

METER NUMBER: -

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

USER NAME = tmckey

DESIGNED - TM

DRAWN - TM

PLOT SCALE = 2,000' / 1"

PLOT DATE = 3/9/2026

REVISD - 1 3/25/26

REVISD -

CHECKED - AS

REVISD -

DATE - 03-25-2026

REVISD -

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

EXIST. INTERCONNECT TO LARKIN AVE

EXIST. TRACER CABLE

EXIST. INTERCONNECT TO ARBOR LANE

EXIST. TRACER CABLE

S

C

EXIST. TRACER CABLE

EXIST. INTERCONNECT TO LARKIN AVE

CABLE PLAN
(NOT TO SCALE)

1 REVISED SHEET 4/14/2026

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	1507
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	1507
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 7420
ECON 138

FILE NAME: F:\Projects\1078 - VV Phase II - Iterd\WO 25\Design\Sheet\180B05-sh12-MOD1 Arbor Ln.dgn

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

USER NAME	= tmickey
DESIGNED	- TM
DRAWN	- TM
PLOT SCALE	= 2,000' / in.
PLOT DATE	= 3/9/2026

DESIGNED	- TM
DRAWN	- TM
CHECKED	- AS
DATE	- 03-25-2026

REVISED	- 1 3/25/26
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

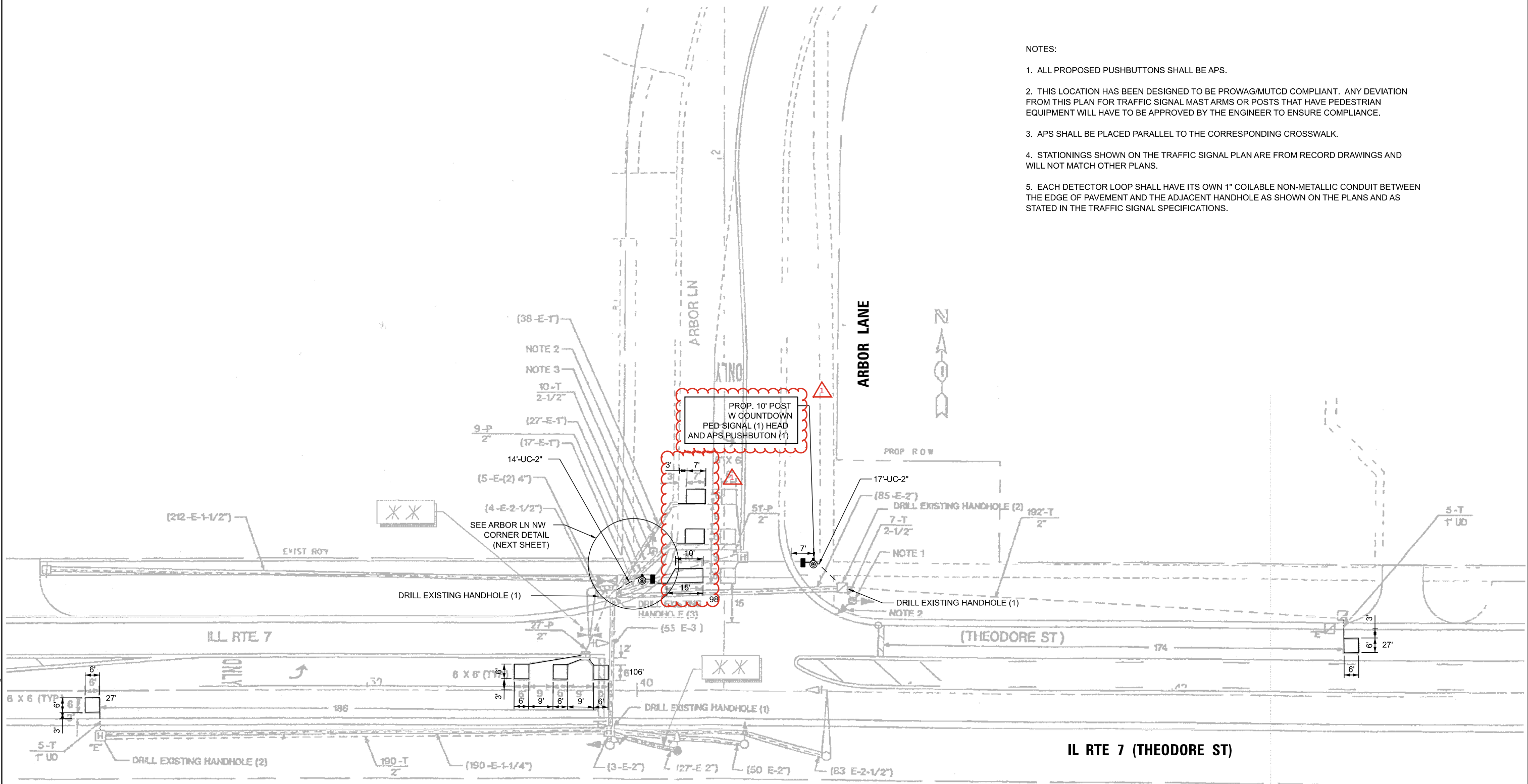
TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)
IL RTE 7 (THEODORE ST) AND ARBOR LANE

SCALE: SHEET OF SHEETS STA. TO STA.

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

NOTES:

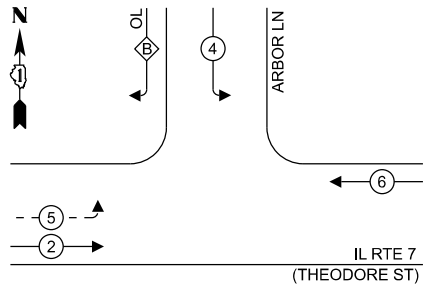
1. ALL PROPOSED PUSHBUTTONS SHALL BE APS.
2. THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR TRAFFIC SIGNAL MAST ARMS OR POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.
3. APS SHALL BE PLACED PARALLEL TO 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.



1 REVISED SHEET 4/14/2026

TS 7535
ECON 138

EXISTING CONTROLLER SEQUENCE



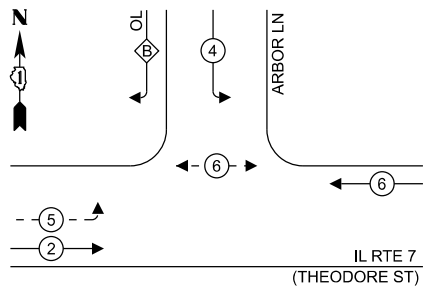
LEGEND:

- ← (⊙) ← 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



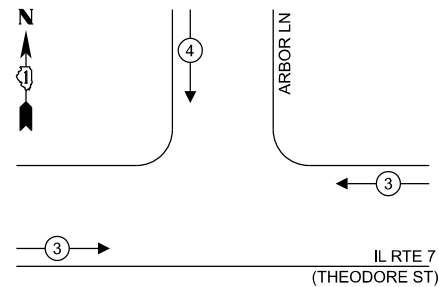
LEGEND:

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

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	4	5

EXISTING 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: -

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	2	15	30
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			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

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

USER NAME = tmckey	DESIGNED - TM	REVISED - 1 3/25/26
PLOT SCALE = 2,000' / in.	DRAWN - TM	REVISED -
PLOT DATE = 3/9/2026	CHECKED - AS	REVISED -
	DATE - 03-25-2026	REVISED -

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

SCALE: SHEET OF SHEETS STA. TO STA.

SCHEDULE OF QUANTITIES

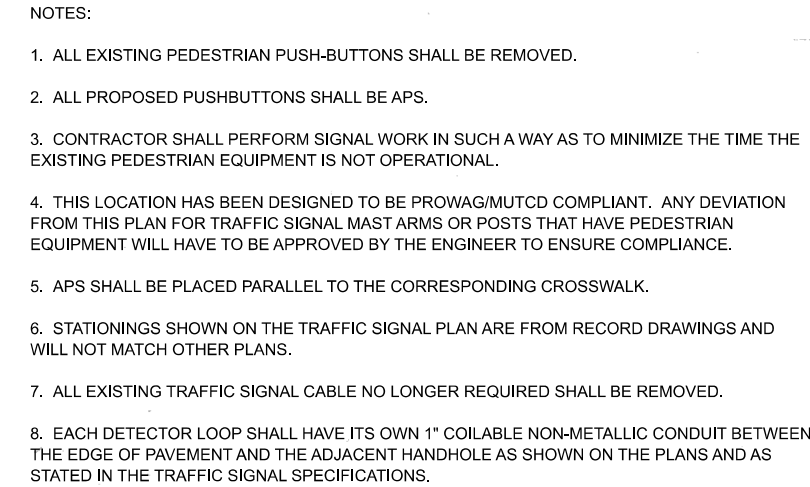
ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	31
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	214
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	218
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING 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	258
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

REVISED SHEET 4/14/2026

TS 7535
ECON 138

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

FILE NAME: F:\Projects\1078 - VV Phase II - Iteris\WO 25\Design\Sht\180B05-sht-TS15-MOD1 Raynor Av.dgn



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.

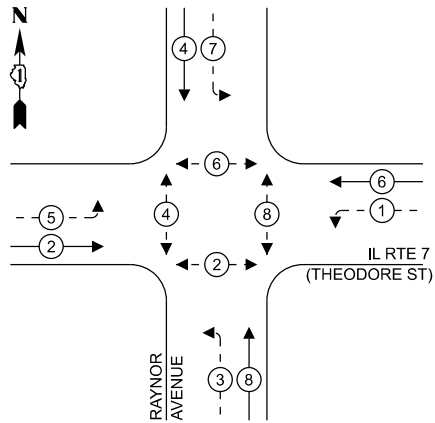
1 REVISED SHEET 4/14/2026

TS 7508

AMES Engineering, Inc. CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60516	USER NAME = tmcicky	DESIGNED - TM	REVISED - 1 3/25/26	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODIFICATION PLAN (SHEET 1 OF 2)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TM	REVISED -		IL RTE 7 (THEODORE ST) AND RAYNOR AVE				0871	2025-2018-RS	WILL	82	66B
	PLOT SCALE = 2,000' / in.	CHECKED - AS	REVISED -						CONTRACT NO. 80B05				
	PLOT DATE = 3/9/2026	DATE - 03-25-2026	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.
									ILLINOIS	FED. AID PROJECT			

FILE NAME: F:\Projects\1078 - VV Phase II - Items\WIO 25\Design\Sht\17-08\TS-SHT-17-CAB Raynor Ave.dgn

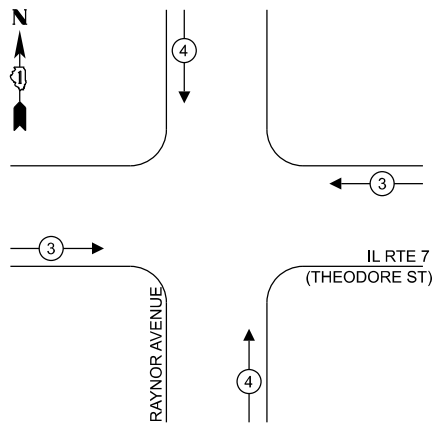
EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- 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	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
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: 54108-32222
METER NUMBER:

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

USER NAME = tmckey
PLOT SCALE = 2,000' / in.
PLOT DATE = 3/9/2026

DESIGNED - TM
DRAWN - TM
CHECKED - AS
DATE - 03-25-2026

REVISED - 1 3/25/26
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

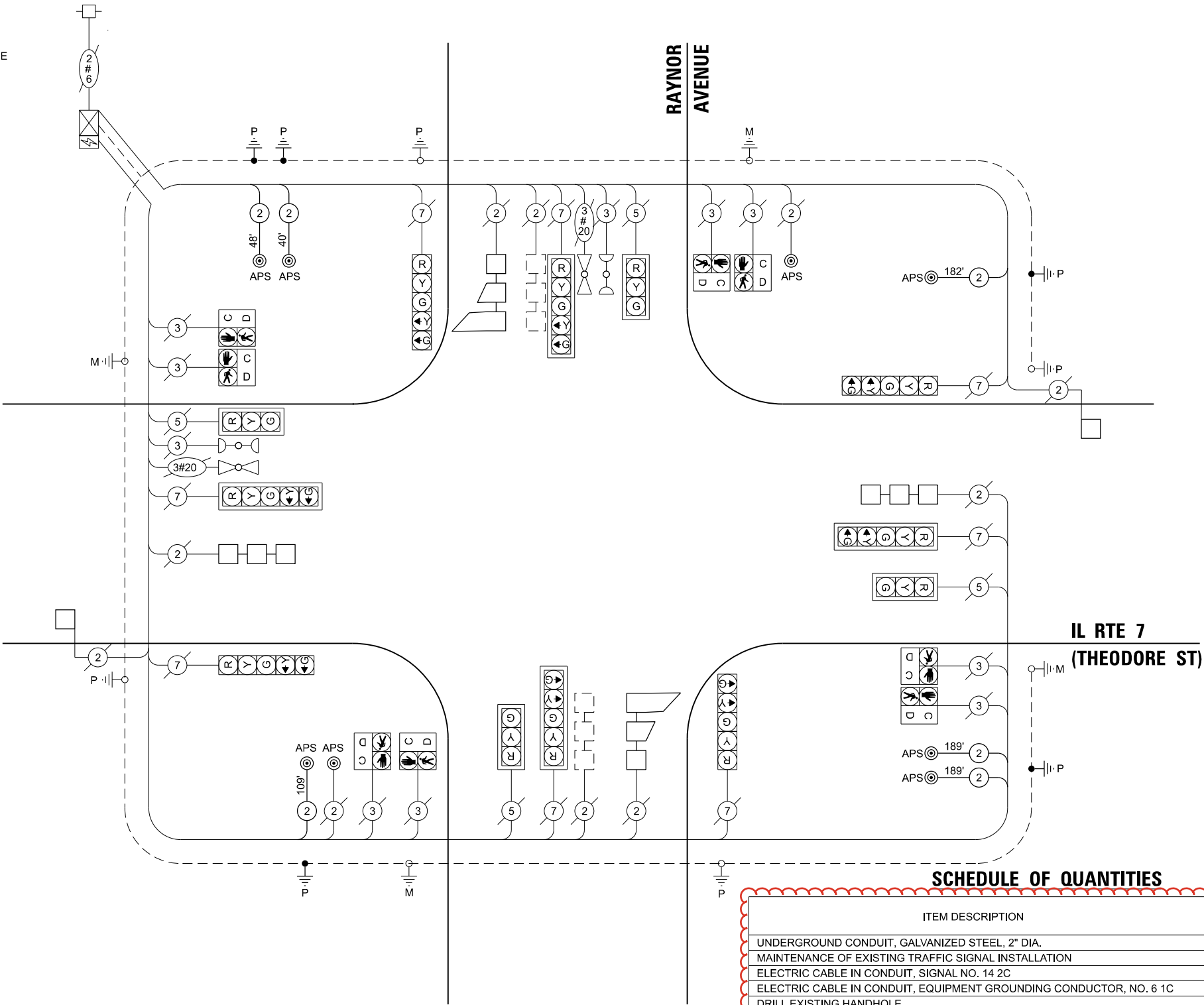
CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY
VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
IL ROUTE 7 (THEODORE ST) AND RAYNOR AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

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

1 REVISED SHEET 4/14/2026

TS 7508



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	784
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	465
DRILL EXISTING HANDHOLE	EACH	5
DETECTOR LOOP, TYPE I	FOOT	461
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