

09-19-2025 LETTING ITEM 005

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

PRATT AVENUE
ADT (YEAR) = 8,250 (2022)
POSTED SPEED LIMIT = 30 MPH

DESIGN DESIGNATION:
MAJOR COLLECTOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU ROUTE 1353 (PRATT AVENUE)
LINCOLNWOOD DRIVE TO MCCORMICK BLVD.
LAFO RESURFACING
SECTION NO. 21-00072-00-BT
VILLAGE OF LINCOLNWOOD
COOK COUNTY
C-91-162-24

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 61L68	



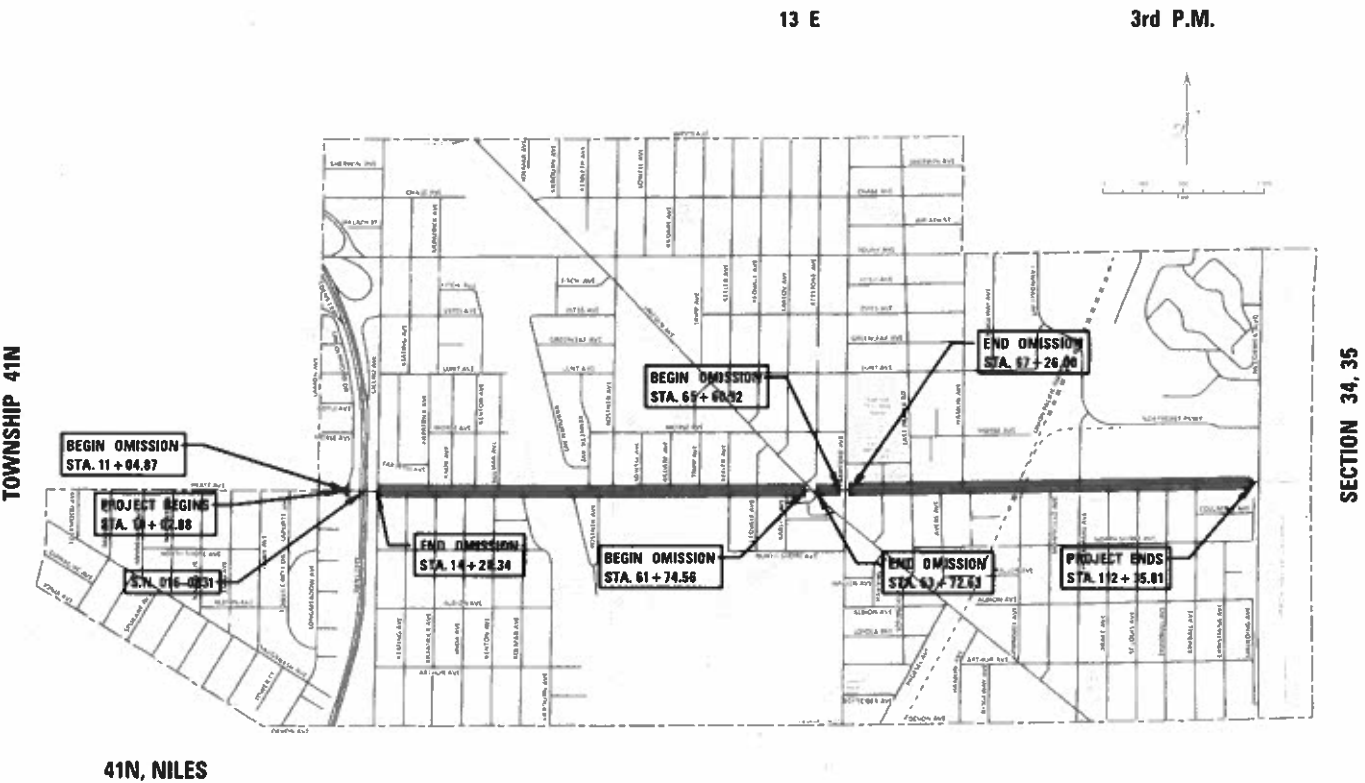
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
8-1-1 OR 1-800-892-0123

CB CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018 (847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/27

CONTRACT NO. 61L68



LOCATION MAP

PRATT AVENUE
GROSS LENGTH OF PROJECT = 10,232.93 LINEAL FEET (1.94 MILES)
NET LENGTH OF PROJECT = 9,546.31 LINEAL FEET (1.81 MILES)

DANIEL J. DEM
062-070564
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS
7/11/2025
DANIEL J. DEM
ILLINOIS REGISTRATION No. 062-070564
EXPIRATION DATE: 11/30/25

CONSTRUCTABILITY REVIEW BY
REVIEWER _____ DATE _____

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OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAMBURG, IL

INDEX OF SHEETS			
SHEET NO.	DESCRIPTION		
1	COVER SHEET		
2	GENERAL NOTES AND HIGHWAY STANDARDS		
3-8	SUMMARY OF QUANTITIES		
9-10	TYPICAL SECTIONS		
11-29	EXISTING CONDITIONS, REMOVAL, AND PROPOSED CONDITIONS		
30-33	STRUCTURE SCHEDULE		
34-36	DETECTOR LOOP REPLACEMENT PLANS		
37-46	PAVEMENT MARKING PLAN		
47-56	PROPOSED SIGNAGE PLAN		
57	SIGN INVENTORY		
58-59	CONSTRUCTION DETAILS		
60	FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)		
61	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)		
62	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)		
63	BUTT JOINT AND HMA TAPER DETAILS (BD-32)		
64	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)		
65	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)		
66	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)		
67	SHORT TERM PAVEMENT MARKINGS AND SYMBOLS (TC-16)		
68	ARTERIAL ROAD INFORMATION SIGN (TC-22)		
69	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)		
HIGHWAY STANDARDS			
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS		
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS		
442101-09	CLASS B PATCHES		
602006-04	CATCH BASIN TYPE B		
602306-03	INLET TYPE B		
604001-05	FRAME AND LIDS TYPE 1		
604016-04	FRAME AND GRATE TYPE 4		
604031-03	GRATE TYPE 7		
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE		
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'-24" FROM PAVEMENT EDGE		
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS		
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY		
701427-05	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 40 MPH OR LESS		
701501-06	URBAN LANE CLOSURE, 2L, 2W, - UNDIVIDED		
701502-09	URBAN LANE CLOSURE, 2L 2W WITH BIDIRECTIONAL LEFT TURN LANE		
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN		
701611-01	URBAN HALF ROAD CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN		
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION		
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE		
701901-10	TRAFFIC CONTROL DEVICES		
720001-01	SIGN PANEL MOUNTING DETAILS		
720006-04	SIGN PANEL ERECTION DETAILS		
728001-01	TELESCOPING STEEL SIGN SUPPORT		
729001-01	APPLICATION OF TYPE A AND B METAL POSTS		
780001-05	TYPICAL PAVEMENT MARKINGS		
DISTRICT ONE DETAILS			
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING		
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT		
BD-32	BUTT JOINT AND HMA TAPER DETAILS		
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS		
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)		
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS		
TC-22	ARTERIAL ROAD INFORMATION SIGN		
TS-07	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING		
GENERAL NOTES			
SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS			
1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2025; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" EIGHTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.			
2. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT HIGHWAY STANDARD.			
3. CODES OF THE IEPA TITLE 35, AND O.S.H.A. SHALL BE ADHERED TO FOR THE CONSTRUCTION OF THIS PROJECT.			
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.			
5. ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE AGENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.			
UTILITIES			
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITY FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.			
7. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.			
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.			
9. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE.			
WATER, STORM SEWER AND SANITARY SEWER			
10. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.			
11. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS. CONTACT THE VILLAGE OF LINCOLNWOOD (TEL. 847-673-1540) FOR THEM TO TURN VALVES OR OPERATE HYDRANTS. ANY UNAUTHORIZED USE OF THIS EQUIPMENT THE OFFENDER WILL BE SUBJECT TO ARREST AND PROSECUTION.			
TRAFFIC CONTROL AND PROTECTION			
12. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING.			
MISCELLANEOUS			
13. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.			
14. ALL SAWCUTTING SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.			
15. THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.			
16. DETECTABLE WARNINGS FOR THE HANDICAPPED SHALL BE INSTALLED AT INTERSECTING STREETS, AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.			
17. ALL DETECTABLE WARNING TACTILES SHALL BE FIELD VERIFIED AND THE SIZE TO BE DETERMINED BY THE CONTRACTOR PRIOR TO ORDERING.			
18. RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH ARTICLE 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE UP AND VISIBLE AT ALL TIMES.			
19. FRESH OIL SIGNS SHALL BE POSTED AT BOTH ENDS OF THE ROADWAY AND ALL SIDE STREETS AS DIRECTED BY THE ENGINEER. CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT ALL SIDE STREETS AND BOTH ENDS OF THE ROADWAY WHILE CONSTRUCTION IS IN PROGRESS.			
20. CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80 OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80 OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACT			

SUMMARY OF QUANTITIES

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
*	20101200	TREE ROOT PRUNING	EACH	35
	20200100	EARTH EXCAVATION	CU YD	43
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	565
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	250
	20800150	TRENCH BACKFILL	CU YD	80
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	728
	25200110	SODDING, SALT TOLERANT	SQ YD	728
	25200200	SUPPLEMENTAL WATERING	UNIT	38
	28000510	INLET FILTERS	EACH	130
	31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	355
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	222
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1197
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	32000
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	275
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	2621

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	4003
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	81
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3964
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	505
	42400800	DETECTABLE WARNINGS	SQ FT	320
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	47652
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	92
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1251
	44000600	SIDEWALK REMOVAL	SQ FT	4469
	44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	900
	44201297	DOWEL BARS, 1"	EACH	85
	44201298	DOWEL BARS, 1 1/4"	EACH	115
	44201681	CLASS D PATCHES, TYPE I, 3 INCH	SQ YD	50
	44201682	CLASS D PATCHES, TYPE II, 3 INCH	SQ YD	50
	44201683	CLASS D PATCHES, TYPE III, 3 INCH	SQ YD	50
	44201684	CLASS D PATCHES, TYPE IV, 3 INCH	SQ YD	50

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
	44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	19
	44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	19
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	60
	55100300	STORM SEWER REMOVAL 8"	FOOT	189
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	12
	60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	4
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	15
	60238800	INLETS, TYPE A	EACH	6
	60240395	INLETS, TYPE B	EACH	8
	60400310	FRAMES TYPE 4	EACH	2
	60401910	GRATES, TYPE 4	EACH	2
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1251
	61140000	STORM SEWERS (SPECIAL), 8"	FOOT	210
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	60
	67100100	MOBILIZATION	LSUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	56500
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	28250
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	8595
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	6385
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	11260
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	11140
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	8425
*	72000100	SIGN PANEL - TYPE 1	SQ FT	229
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	396

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
*	72900100	METAL POST - TYPE A	FOOT	792
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21271
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	43704
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	31172
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2808
*	78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2865
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	164
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	876
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	749
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1076
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	125
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1652
	XX006792	BRICK DRIVEWAY REMOVAL	SQ YD	7
	XX009668	RELOCATE RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	EACH	1
	X0326806	WASHOUT BASIN	LSUM	1
	X0327998	BOLLARD TO BE RELOCATED	EACH	1

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (100% STATE)
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT	EACH	4
	X2600008	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT	EACH	55
	X4060280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	25
	X4202005	DIAMOND GRINDING AND GROOVING (ROADWAY SECTION)	SQ YD	2753
	X4240200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH COLORED	SQ FT	60
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	200
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	120
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	102.8
*	X7290006	TUBULAR TRAFFIC SIGN POST	EACH	25
*	X7800010	METHYL METHACRYLATE PAVEMENT COLORIZATION GREEN	SQ YD	375
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
*	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	600
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	22
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	68
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	43

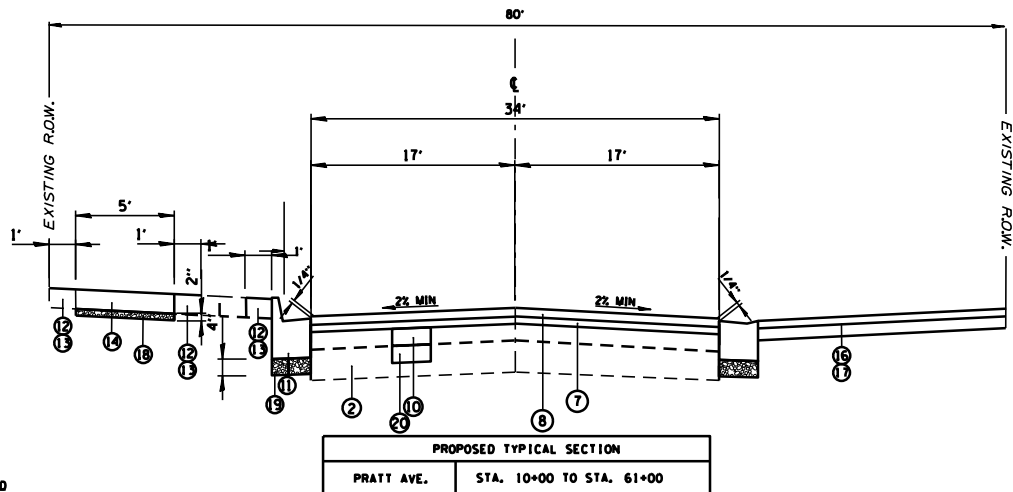
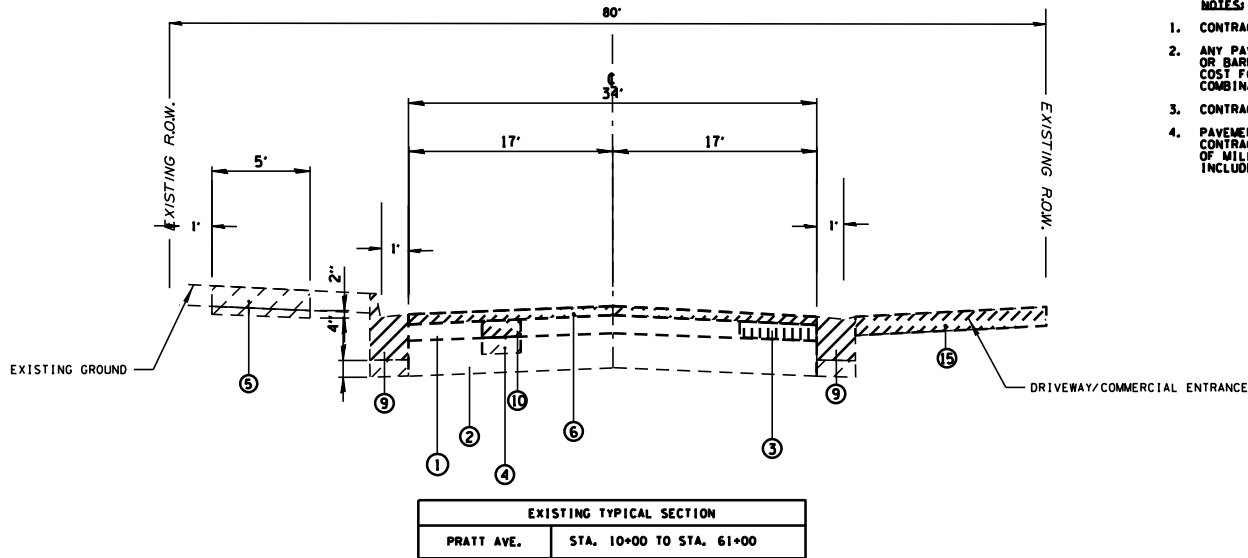
HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
ITEM	MIXTURE	AIR VOIDS @ NDES	OMP
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" (40604060)	4% @ 50 GYR.	LR 1030-2
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1" (40603200)	3.5% @ 50 GYR.	LR 1030-2
HMA DRIVEWAY PAVEMENT 3"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 3" (IN 2 LIFTS)	4% @ 50 GYR.	LR 1030-2
CLASS D PATCHES, TYPE 1-IV	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR.	LR 1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2			

MIXTURE REQUIREMENT NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SY/IN AND 110 LBS/SY/IN FOR POLYMERIZED HMA MIXES. 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 MATERIAL SPECIFICATIONS.

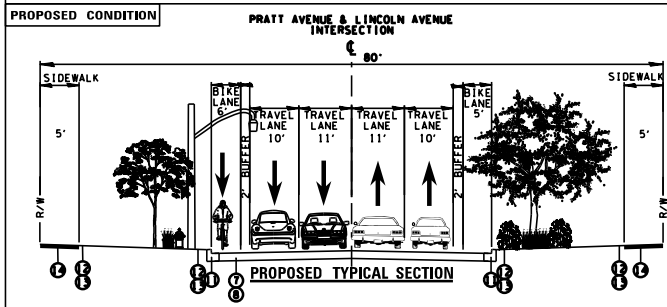
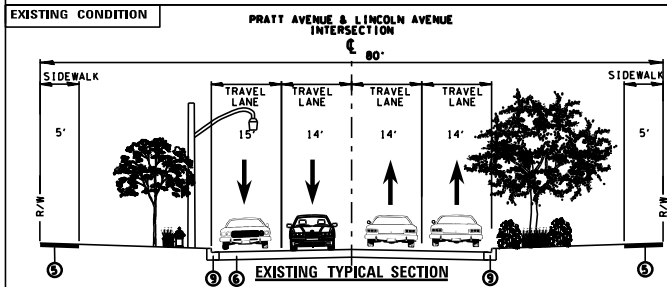
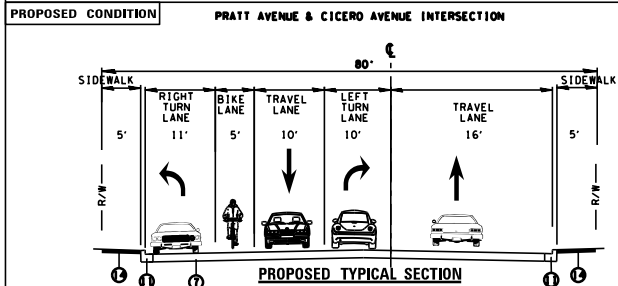
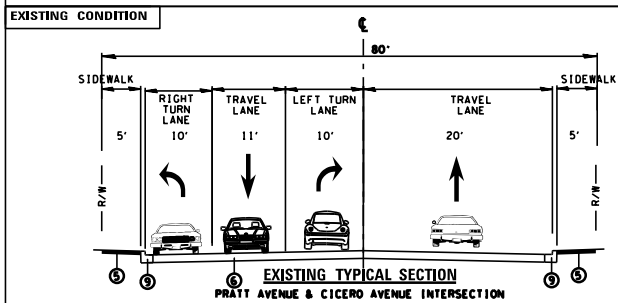
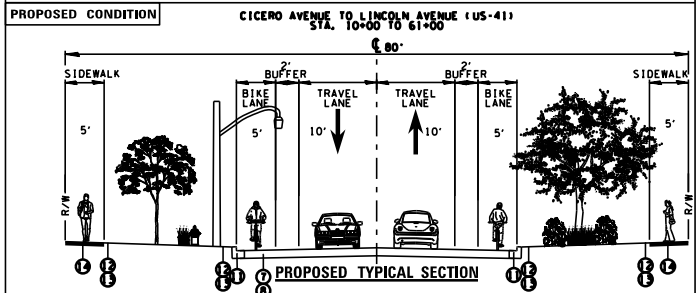
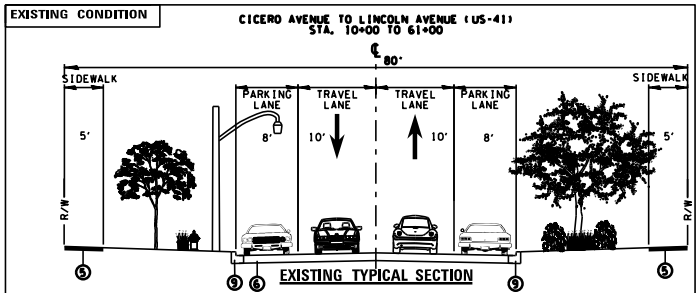
NOTES:

- CONTRACTOR SHALL MILL PAVEMENT BEFORE PATCHING.
- ANY PAVEMENT REMOVAL REQUIRED FOR CONSTRUCTION OF COMBINATION CONCRETE CURB AND GUTTER OR BARRIER CURB SHALL BE REPLACED WITH P.C.C. (CLASS PV) AND SHALL BE VIBRATED IN PLACE. COST FOR PAVEMENT REMOVAL AND P.C.C. (CLASS PV) SHALL BE INCLUDED IN UNIT PRICE FOR COMBINATION CONCRETE CURB, TYPE B-6.12 (60603800).
- CONTRACTOR SHALL MILL PAVEMENT TO ACHIEVE 2% CROSS SLOPE.
- PAVEMENT MILLING MAY VARY +/- 2.5" BASED ON THE EXISTING PAVEMENT SECTION. CONTRACTOR SHALL REFER TO THE PAVEMENT CORE INFORMATION TO DETERMINE DEPTH OF MILLING PER SECTION OF ROADWAY. ALL MILLING DEPTH VARIANCES SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159).

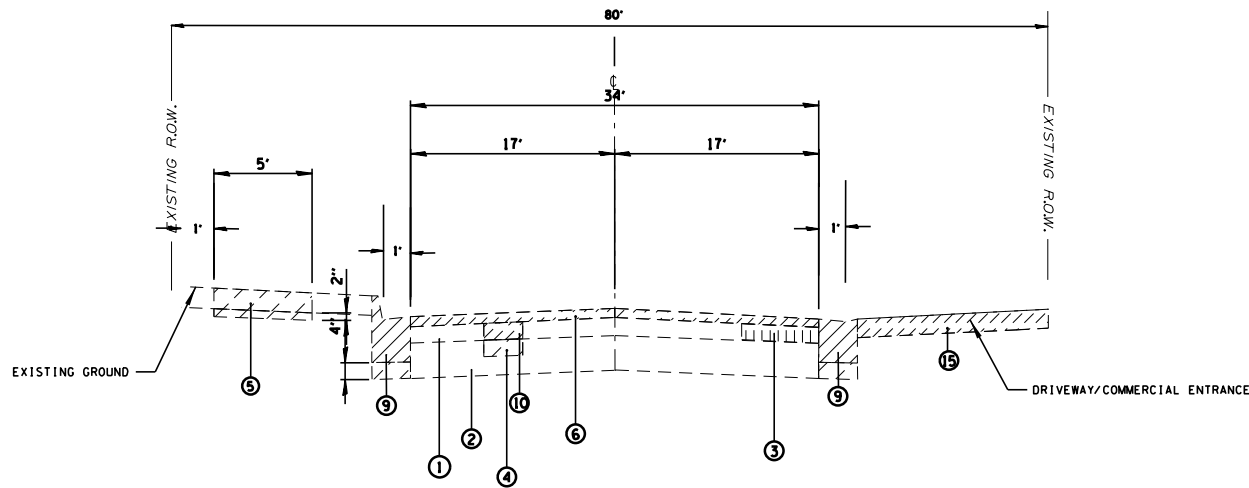


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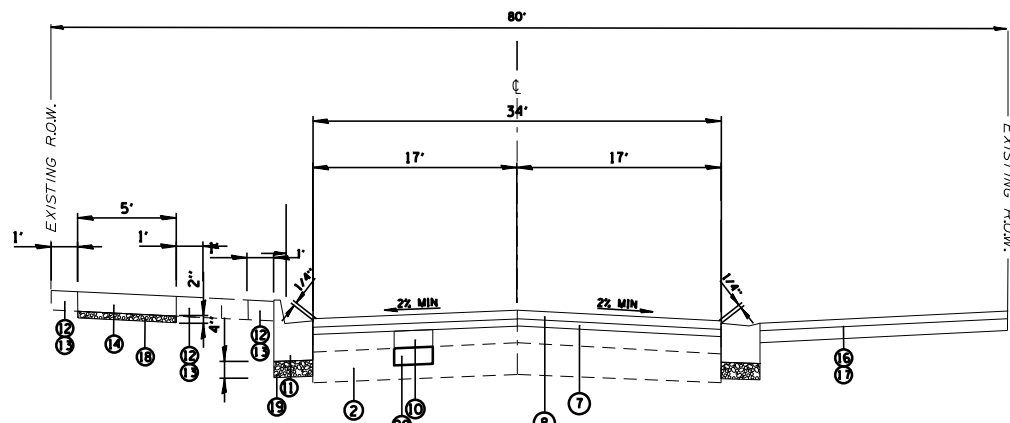
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|---|--|
| 1 EXISTING HOT-MIX ASPHALT PAVEMENT | 12 TOPSOIL FURNISH AND PLACE, 4" (21101615) |
| 2 EXISTING ASPHALT BASE | 13 SODDING, SALT TOLERANT (25200110) |
| 3 DIAMOND GRINDING AND GROOVING (X4202005) | 14 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (AS DIRECTED BY THE ENGINEER) (42400200) |
| 4 EARTH EXCAVATION (20200100) | 15 DRIVEWAY PAVEMENT REMOVAL (44000200) |
| 5 EXISTING PCC SIDEWALK / SIDEWALK REMOVAL / EX. SUBBASE REMOVAL (44000600) | 16 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (42300200) |
| 6 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159) | 17 HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (X4060280) |
| 7 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1" (40603200) | 18 SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180) |
| 8 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" (40604060) | 19 SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) |
| 9 COMBINATION CURB AND GUTTER REMOVAL (44000500) | 20 POROUS GRANULAR EMBANKMENT (20700220) |
| 10 CLASS B (TYPE IV) 8" & CLASS D PATCHES, TYPE 1-IV, 3"/5" | |
| 11 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS DIRECTED BY THE ENGINEER) (60603800) | |



FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (2.5" MILL/RESURFACE)			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLN\WOOD\140090\02402\Civil\TYP 2\BIN E END.140090.02402.sht	PLOT SCALE = 42"	DRAWN -	REVISED -					1353	21-00072-00-BT	COOK	69	9
Default	PLOT DATE = 7/11/2025	CHECKED -	REVISED -		SCALE: SHEET 1 OF 2 SHEETS STA. 10+00 TO STA. 61+00			CONTRACT NO. 61L68				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
PRATT AVE. STA. 61+00 TO STA. 112+35

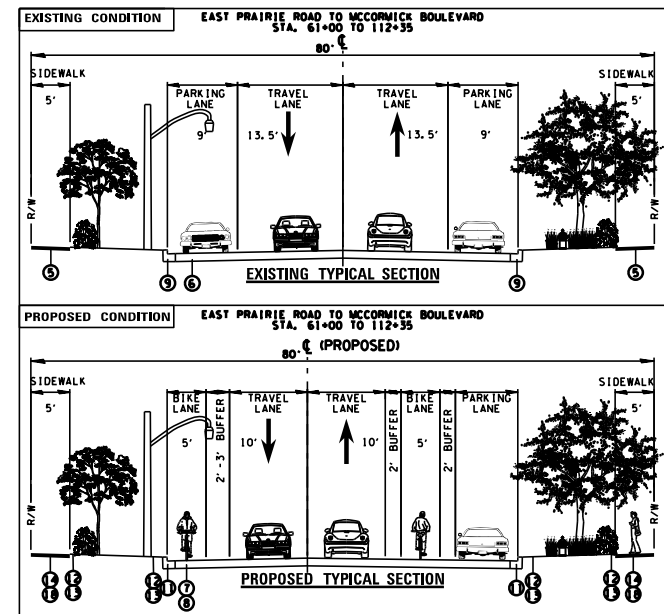


PROPOSED TYPICAL SECTION
PRATT AVE. STA. 61+00 TO STA. 112+35

- LEGEND**
- | | |
|--|---|
| ① EXISTING HOT-MIX ASPHALT PAVEMENT | ⑫ TOPSOIL FURNISH AND PLACE, 4" (21101615) |
| ② EXISTING ASPHALT BASE | ⑬ SODDING, SALT TOLERANT (25200110) |
| ③ DIAMOND GRINDING AND GROOVING (X4202005) | ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (AS DIRECTED BY THE ENGINEER) (42400200) |
| ④ EARTH EXCAVATION (20200100) | ⑮ DRIVEWAY PAVEMENT REMOVAL (44000200) |
| ⑤ EXISTING PCC SIDEWALK / SIDEWALK REMOVAL / EX. SUBBASE REMOVAL (44000600) | ⑯ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (42300200) |
| ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159) | ⑰ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (X4060280) |
| ⑦ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50 - 1" (40603200) | ⑱ SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180) |
| ⑧ HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50 - 1.5" (40604060) | ⑲ SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200) |
| ⑨ COMBINATION CURB AND GUTTER REMOVAL (44000500) | ⑳ POROUS GRANULAR EMBANKMENT (20700220) |
| ⑩ CLASS B (TYPE IV) 8" & CLASS D PATCHES, TYPE I-IV, 3 1/2" | |
| ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS DIRECTED BY THE ENGINEER) (60603800) | |

NOTES:

- CONTRACTOR SHALL MILL PAVEMENT BEFORE PATCHING.
- ANY PAVEMENT REMOVAL REQUIRED FOR CONSTRUCTION OF COMBINATION CONCRETE CURB AND GUTTER OR BARRIER CURB SHALL BE REPLACED WITH P.C.C. (CLASS PV) AND SHALL BE VIBRATED IN PLACE. COST FOR PAVEMENT REMOVAL AND P.C.C. (CLASS PV) SHALL BE INCLUDED IN UNIT PRICE FOR COMBINATION CONCRETE CURB, TYPE B-6.12 (60603800).
- CONTRACTOR SHALL MILL PAVEMENT TO ACHIEVE 2% CROSS SLOPE.
- PAVEMENT MILLING MAY VARY +/- 2.5" BASED ON THE EXISTING PAVEMENT SECTION. CONTRACTOR SHALL REFER TO THE PAVEMENT CORE INFORMATION TO DETERMINE DEPTH OF MILLING PER SECTION OF ROADWAY. ALL MILLING DEPTH VARIANCES SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (44000159).



FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -
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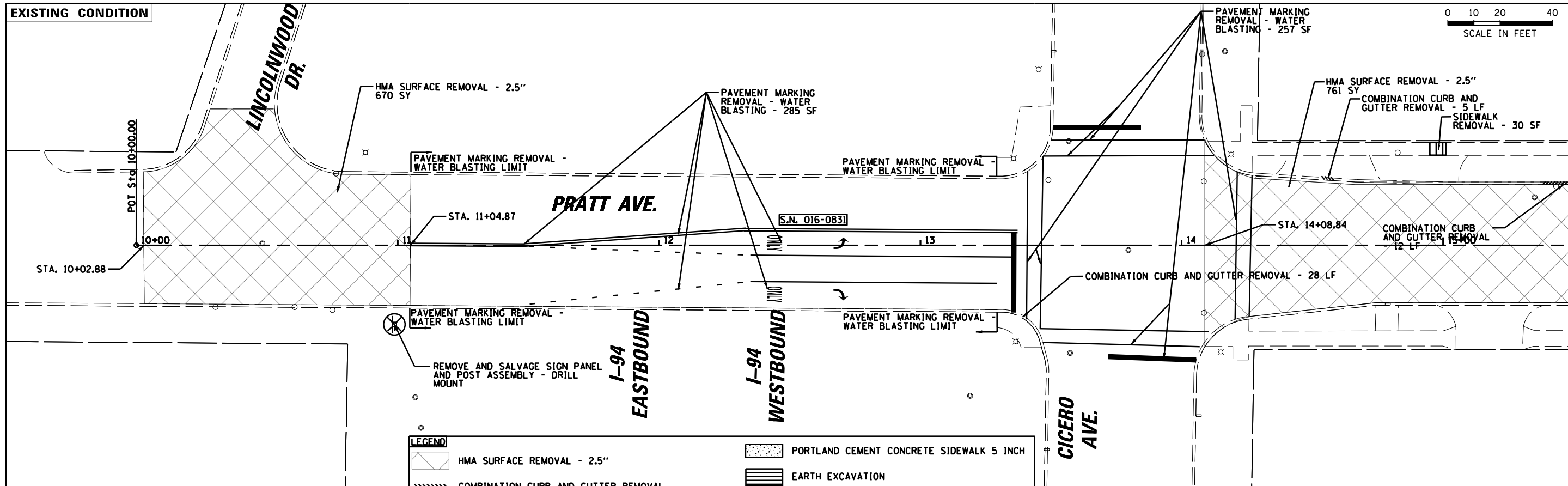
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS (2.5" MILL/RESURFACE)

SCALE: SHEET 2 OF 2 SHEETS STA. 61+00 TO STA. 112+35

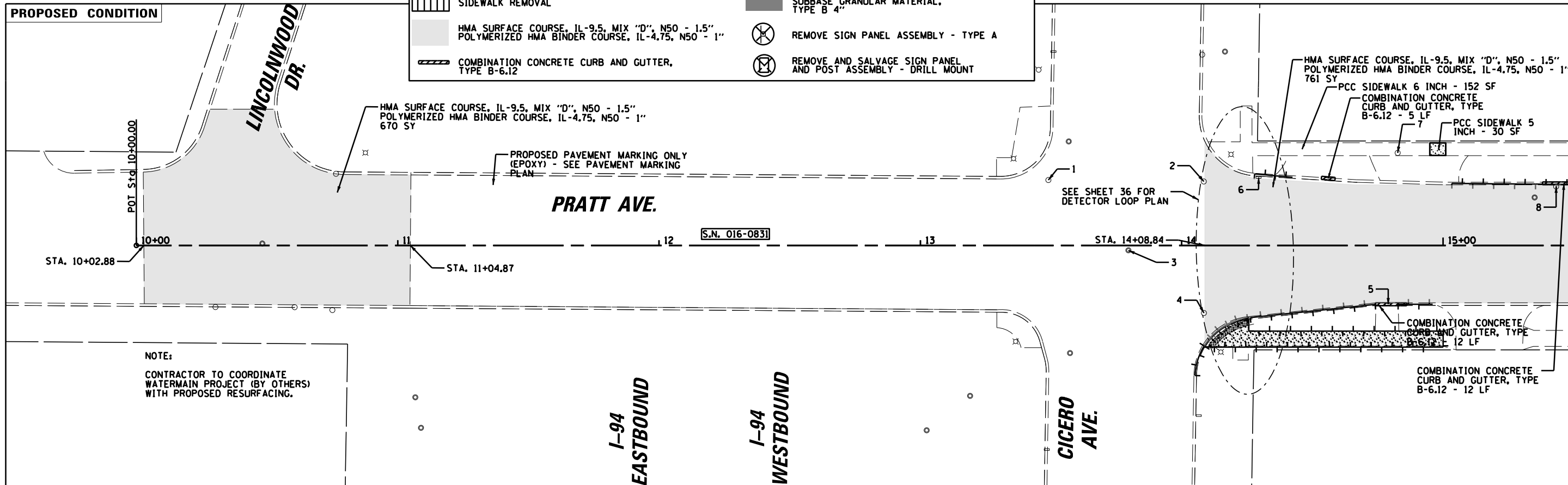
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	10
CONTRACT NO. 61L68				
ILLINOIS FED. AID PROJECT				

EXISTING CONDITION

0 10 20 40
SCALE IN FEET

MATCH LINE STA. 15 + 50

PROPOSED CONDITION

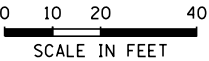
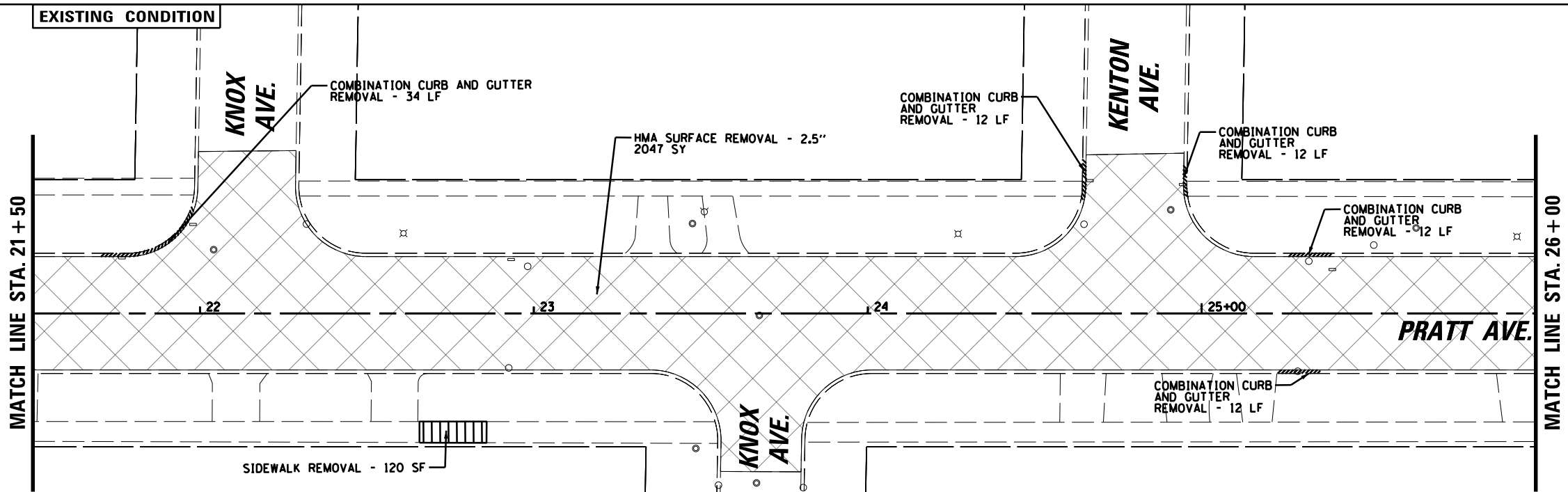


NOTE:

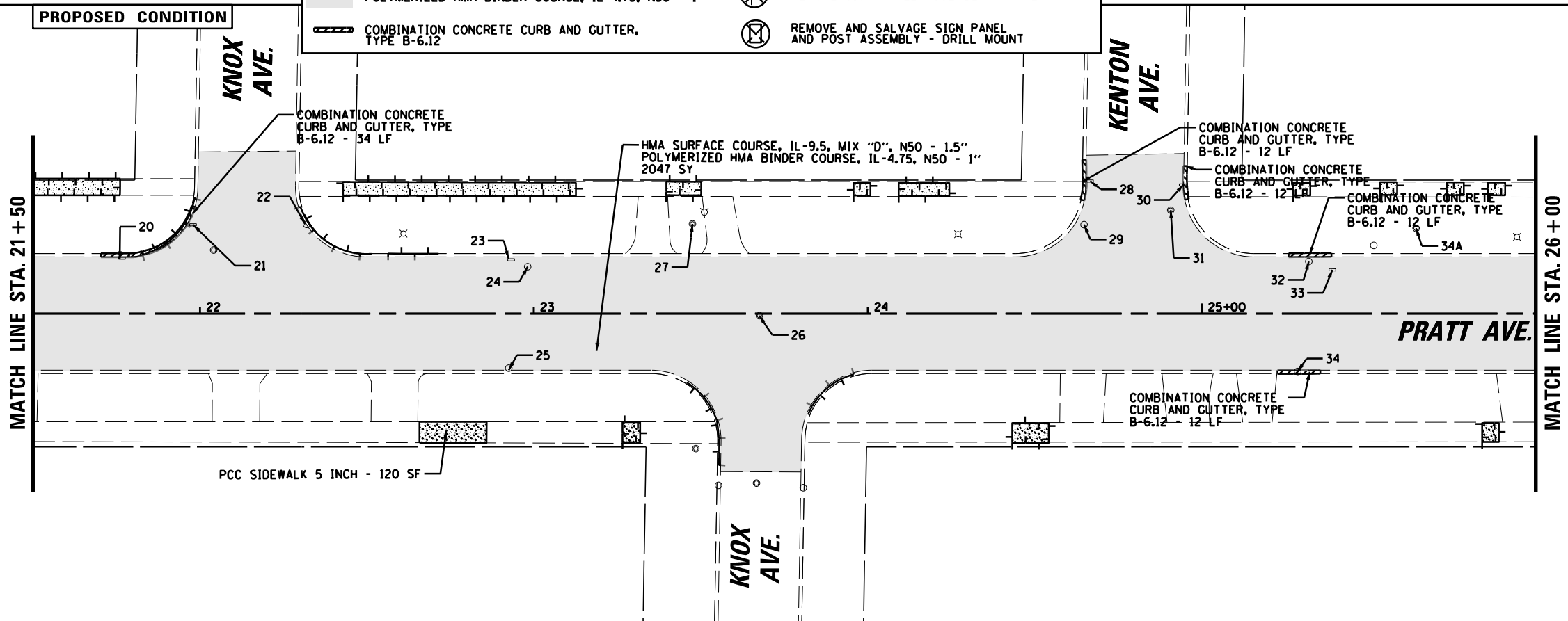
CONTRACTOR TO COORDINATE
WATERMAIN PROJECT (BY OTHERS)
WITH PROPOSED RESURFACING.

MATCH LINE STA. 15 + 50

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN	F.A.U. RTE. 1353	SECTION 21-00072-00-BT	COUNTY COOK	TOTAL SHEETS 69	SHEET NO. 11
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Default	PLOT DATE = 7/29/2025	DATE -	REVISED -							
					SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50
					ILLINOIS FED. AID PROJECT CONTRACT NO. 61L68					



LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT



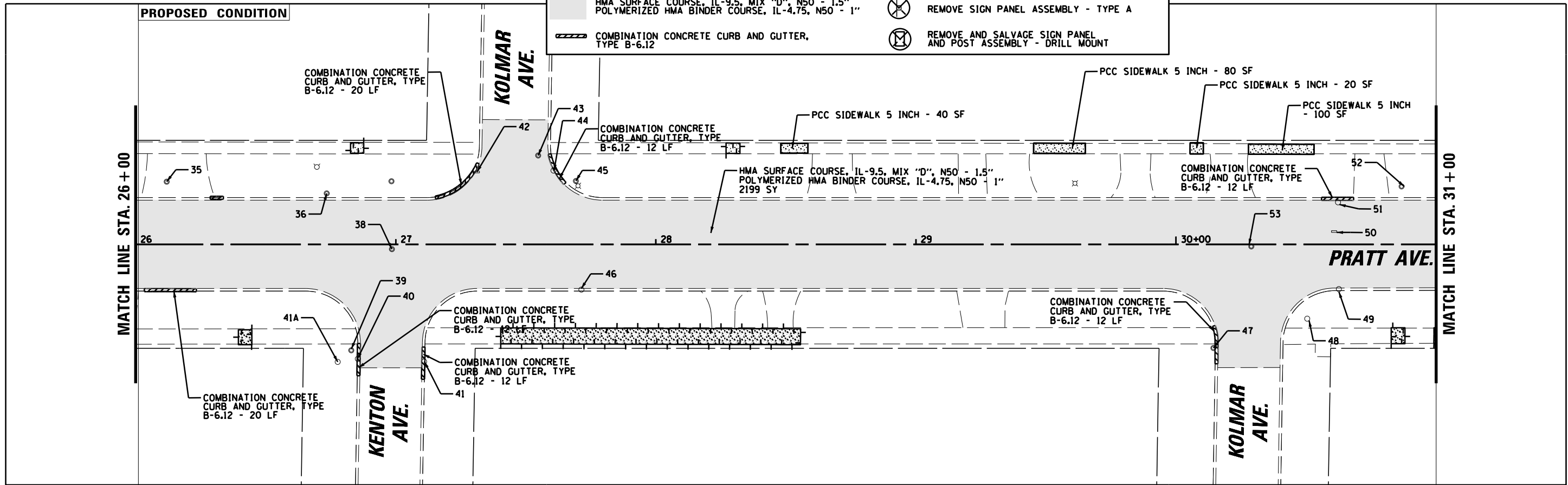
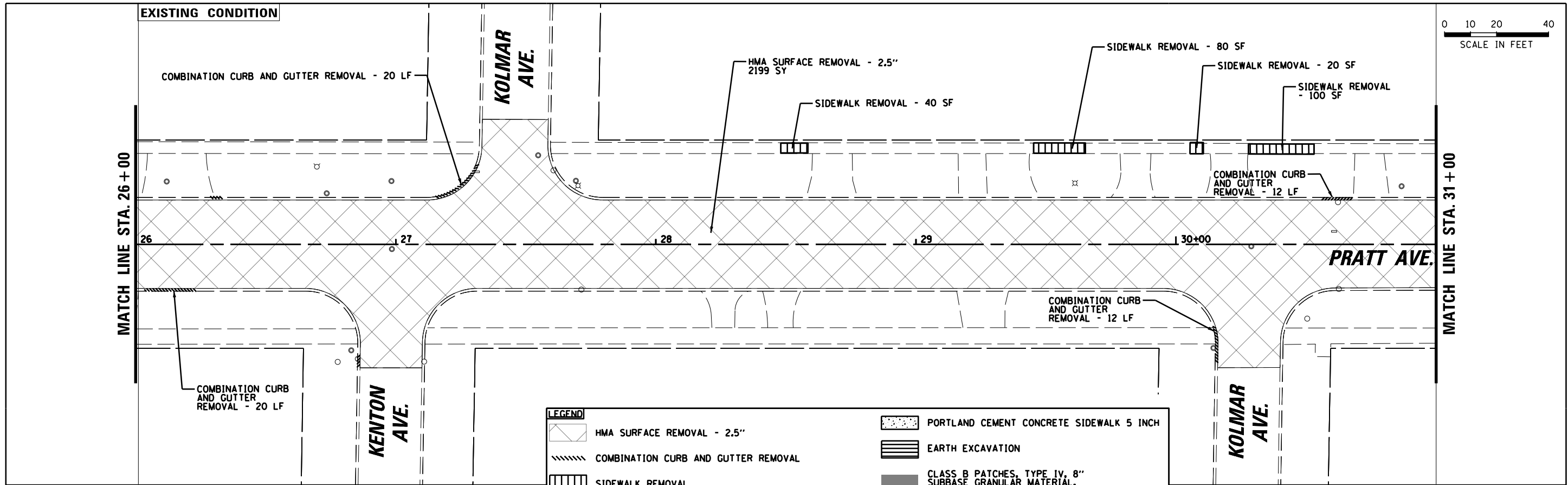
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	PLOT DATE : 7/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

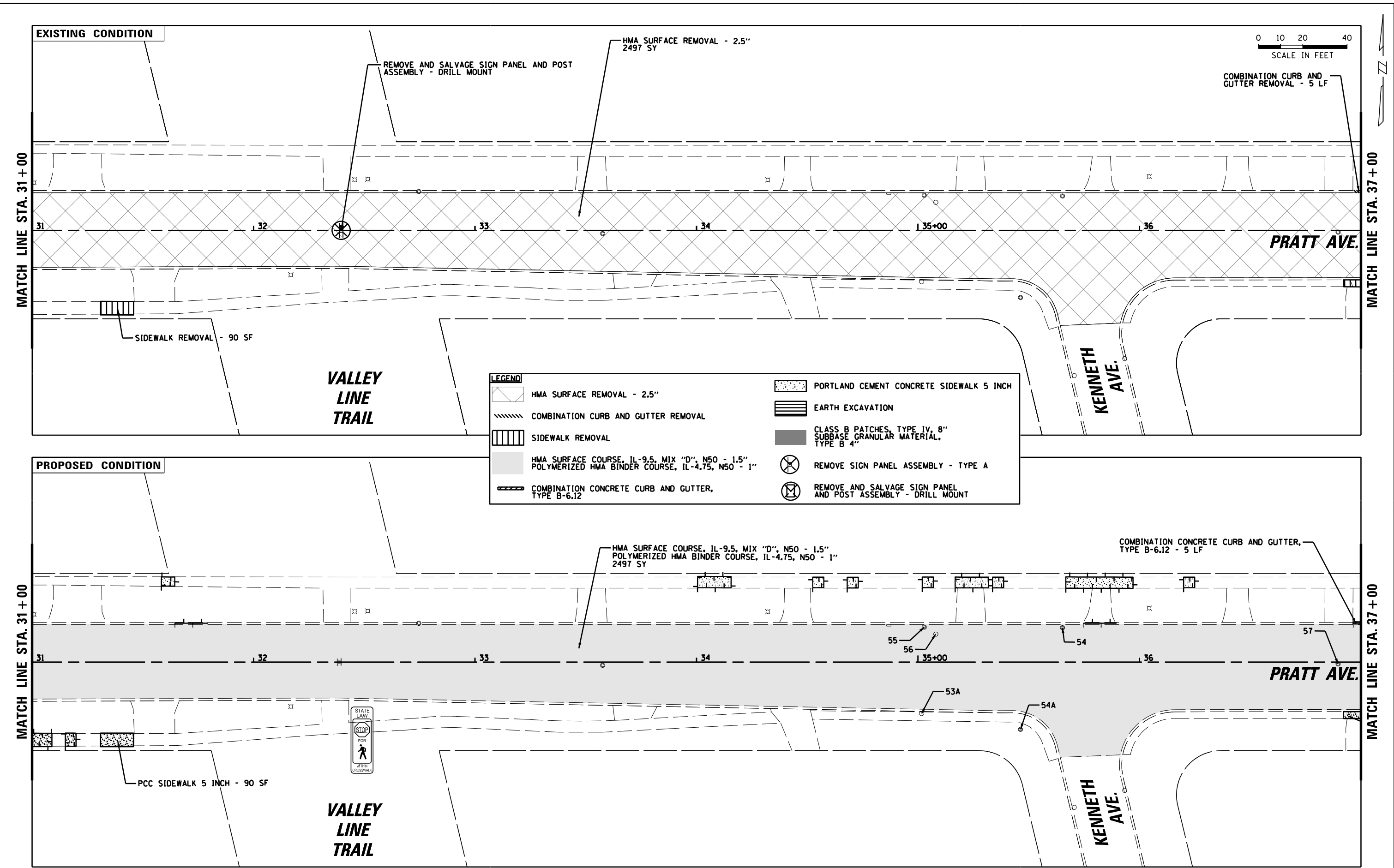
PRATT AVENUE BIKE LANES PROJECT
EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN

SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50

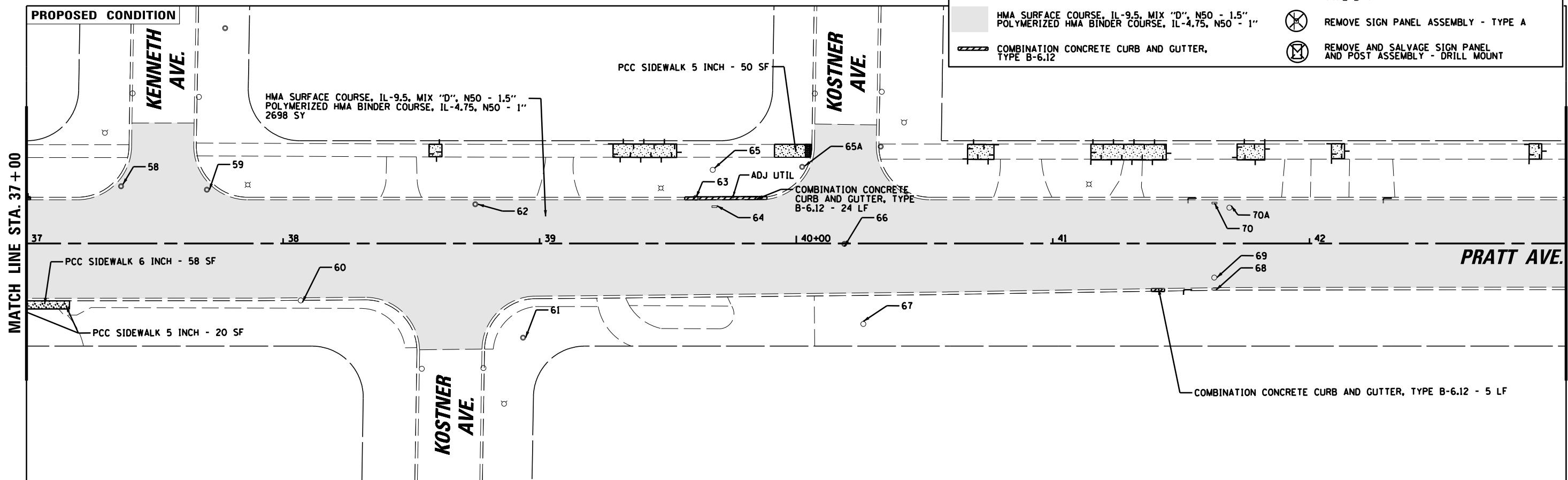
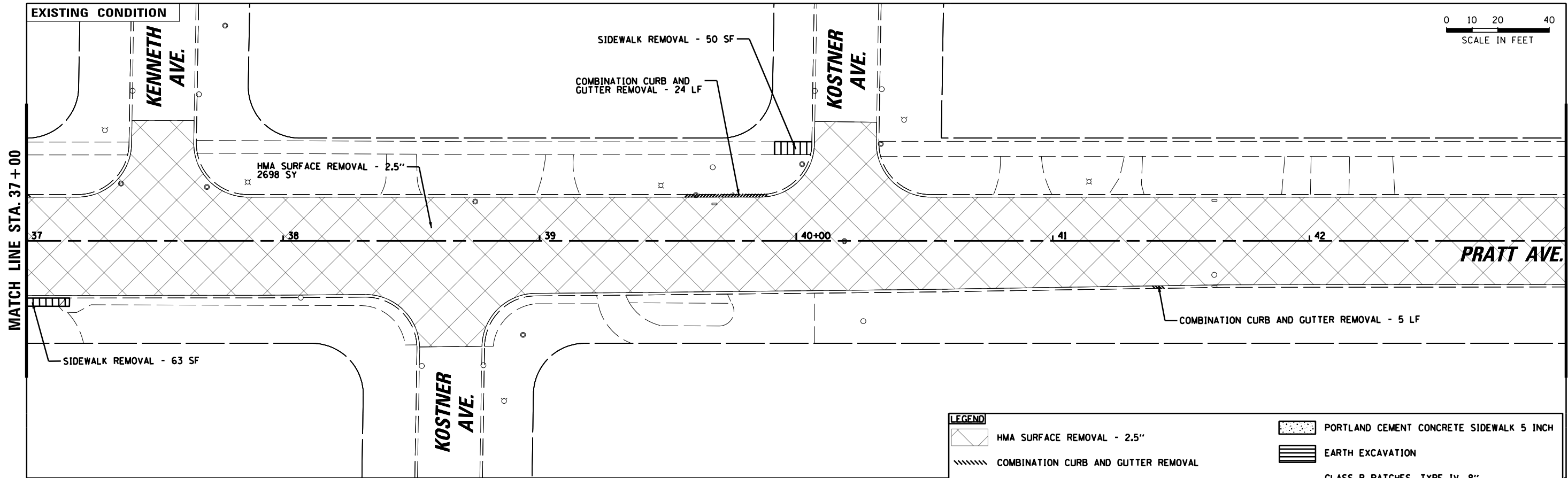
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	13
				CONTRACT NO. 61L68
ILLINOIS FED. AID PROJECT				



FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\INCOL\N000\140090\02402\Civil\PLN\B4\140090_02402.sht		DRAWN -	REVISED -						1353	21-00072-00-BT	COOK	69	14
Default		CHECKED -	REVISED -						CONTRACT NO. 61L68				
	PLOT DATE : 7/29/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50									



FILE NAME : N:\INCOLM\000\140090\02402\Civil\PLN850\140090_02402.sht Default	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	1353						21-00072-00-BT	COOK	69	15	
	PLOT SCALE : 48"	CHECKED -	REVISIED -						CONTRACT NO. 61L68				
	PLOT DATE : 7/29/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
		CHECKED -	REVISIED -	SCALE: *SCALE*		SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50			



LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT

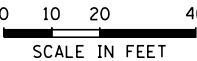
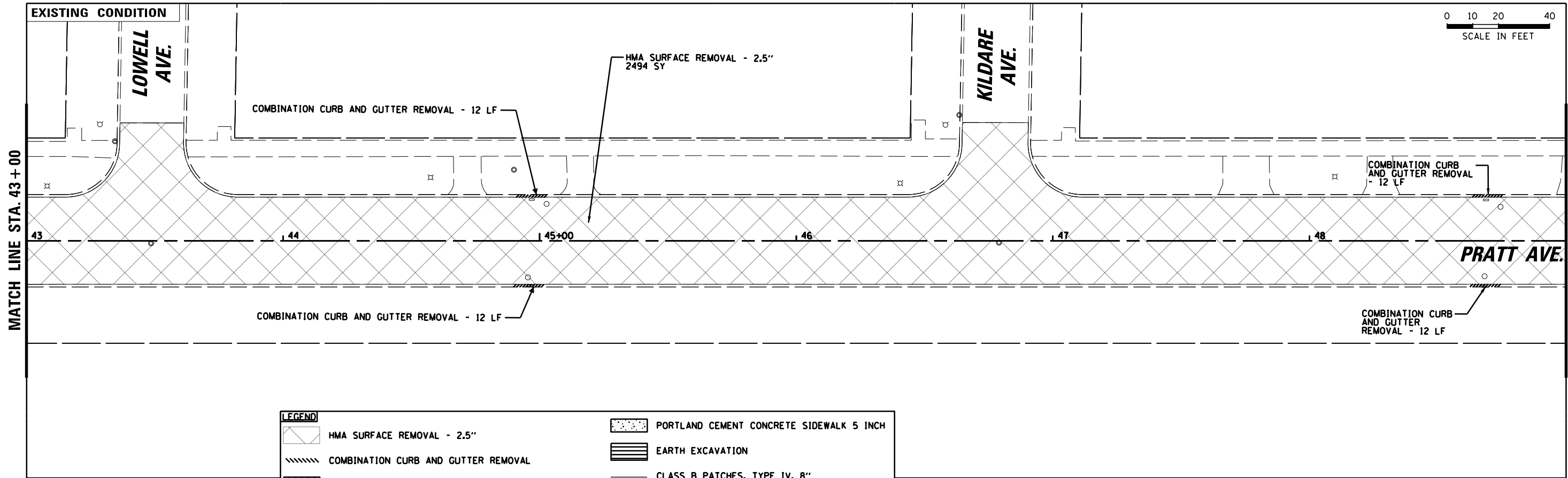
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	PLOT DATE : 7/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

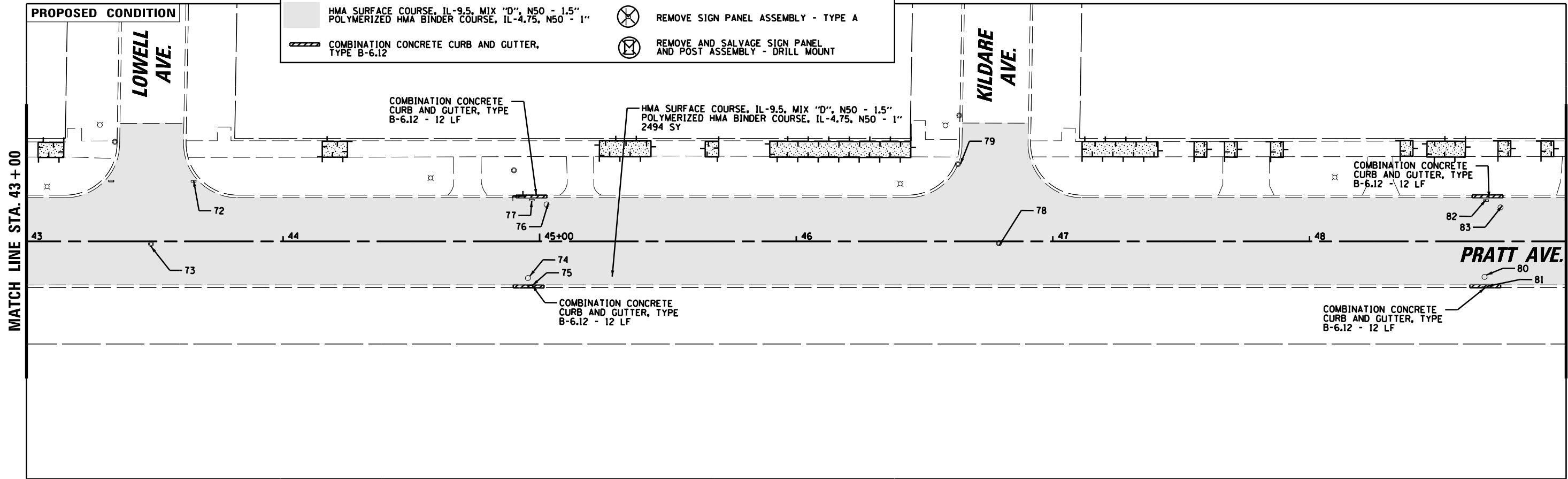
PRATT AVENUE BIKE LANES PROJECT
EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN

SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	16
				CONTRACT NO. 61L68
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT



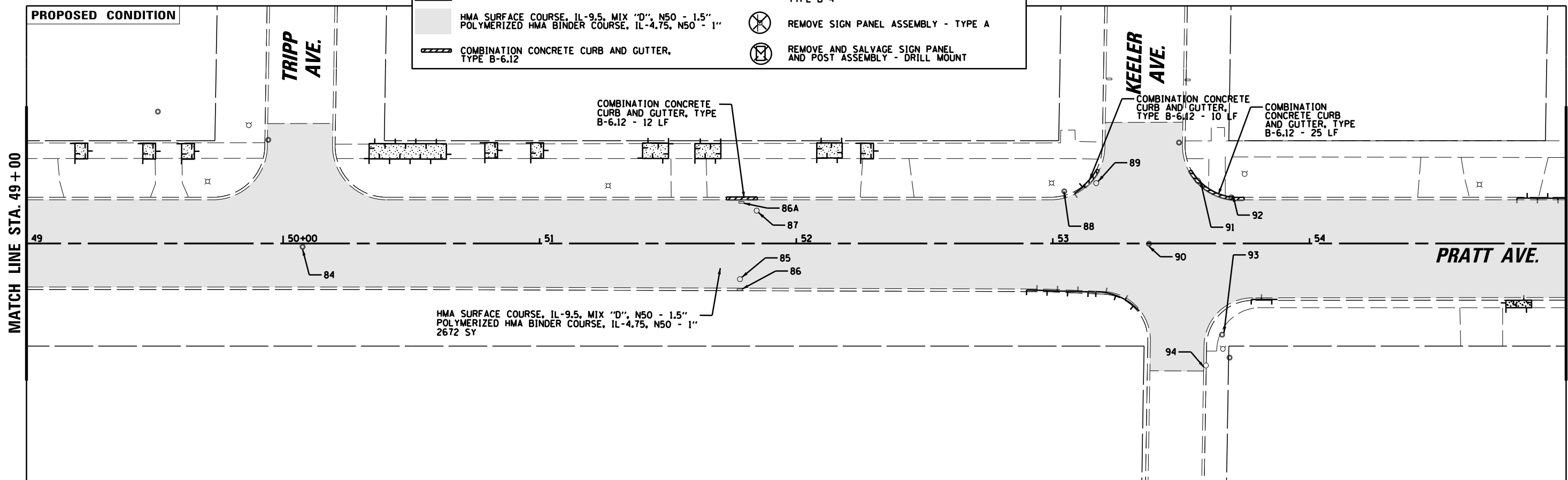
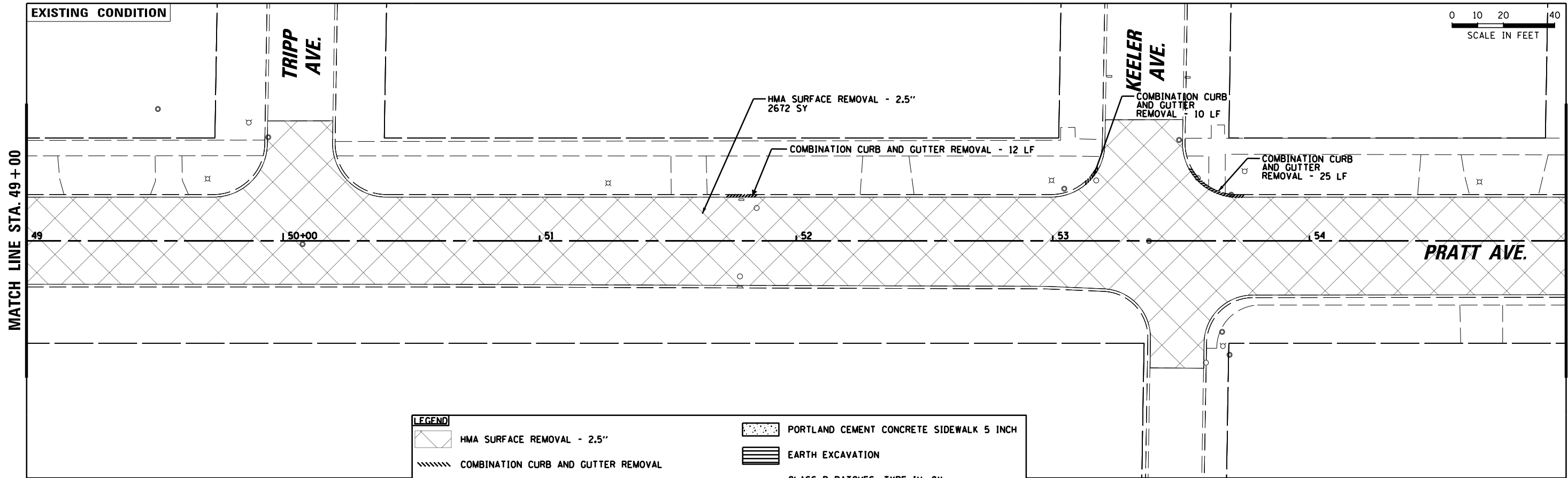
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	PLOT DATE : 7/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

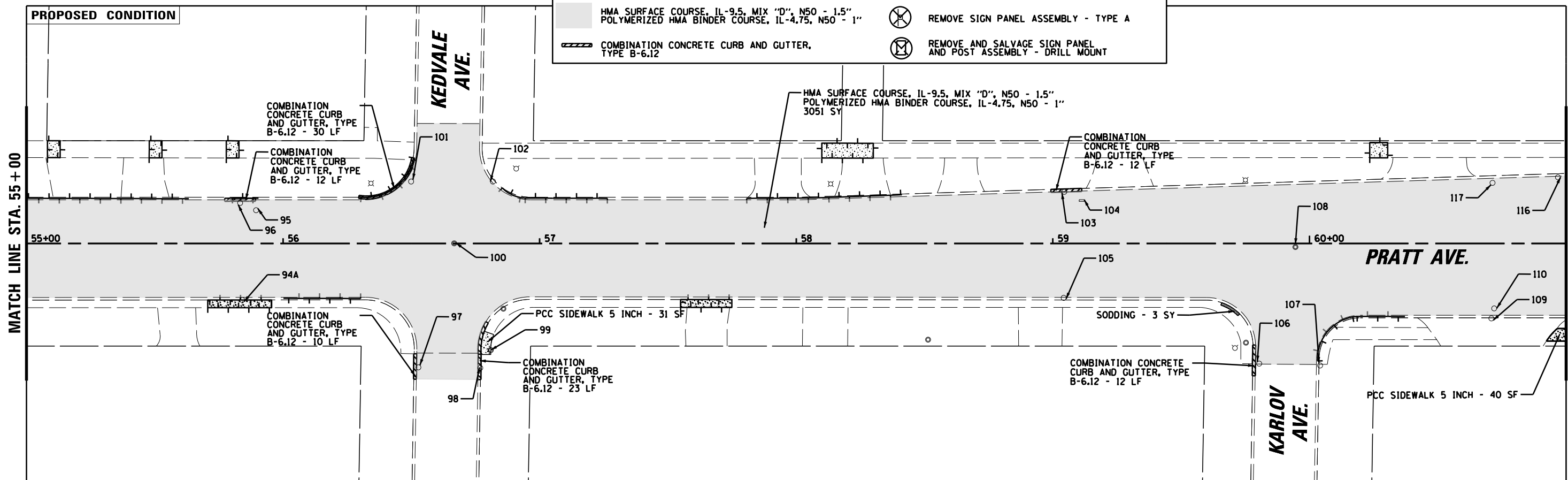
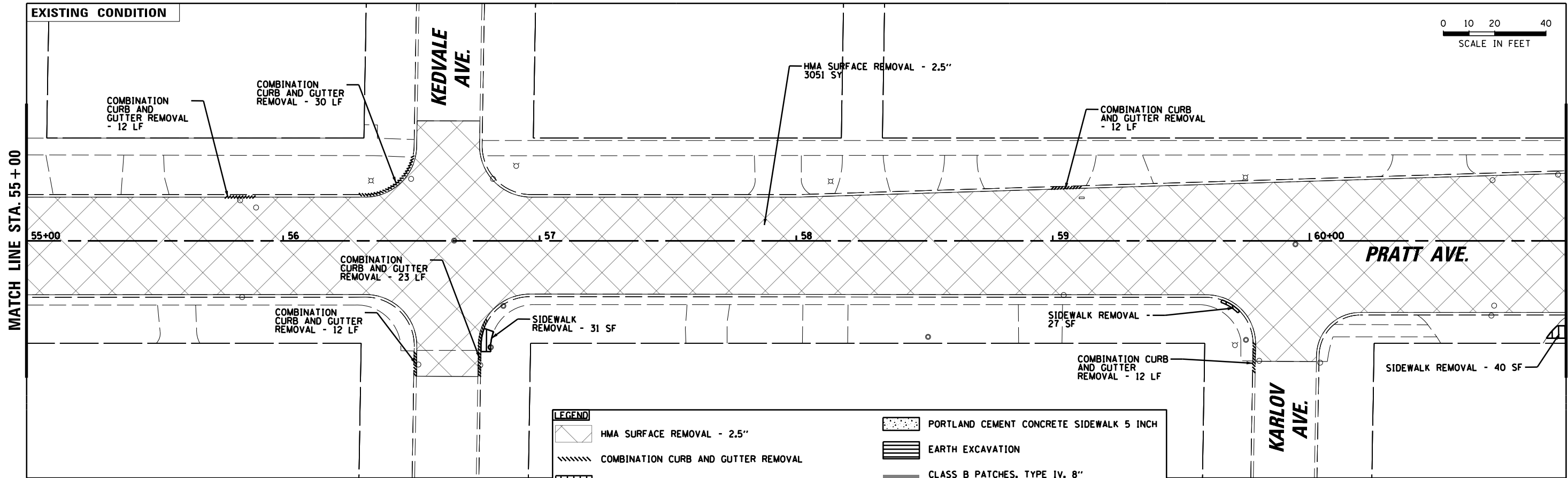
PRATT AVENUE BIKE LANES PROJECT
EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN

SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	17
CONTRACT NO. 61L68				
ILLINOIS FED. AID PROJECT				



FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE : 48'	CHECKED -	REVISED -						CONTRACT NO. 61L68				
	PLOT DATE : 7/29/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50			



LEGEND

	HMA SURFACE REMOVAL - 2.5"		PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	COMBINATION CURB AND GUTTER REMOVAL		EARTH EXCAVATION
	SIDEWALK REMOVAL		CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"		REMOVE SIGN PANEL ASSEMBLY - TYPE A
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12		REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT

FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -
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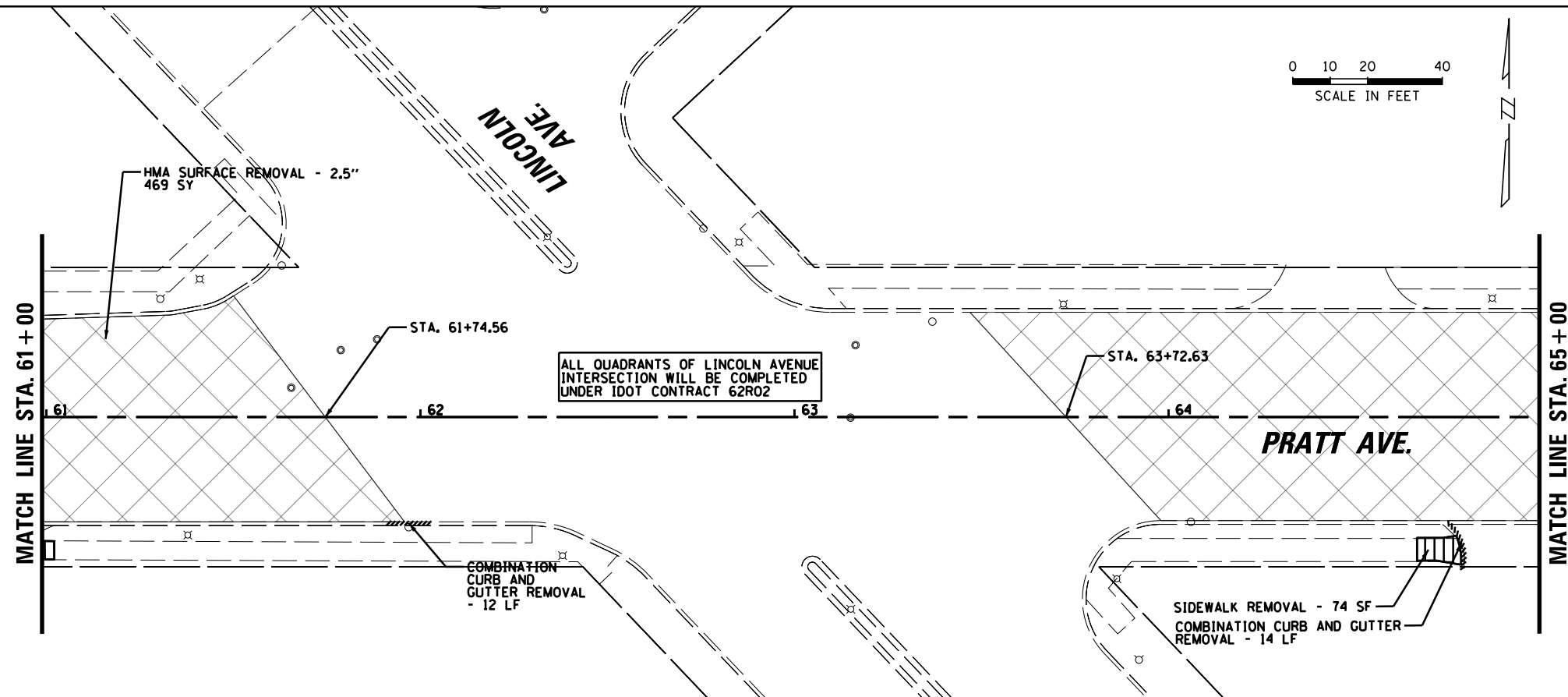
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRATT AVENUE BIKE LANES PROJECT
EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN

SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50

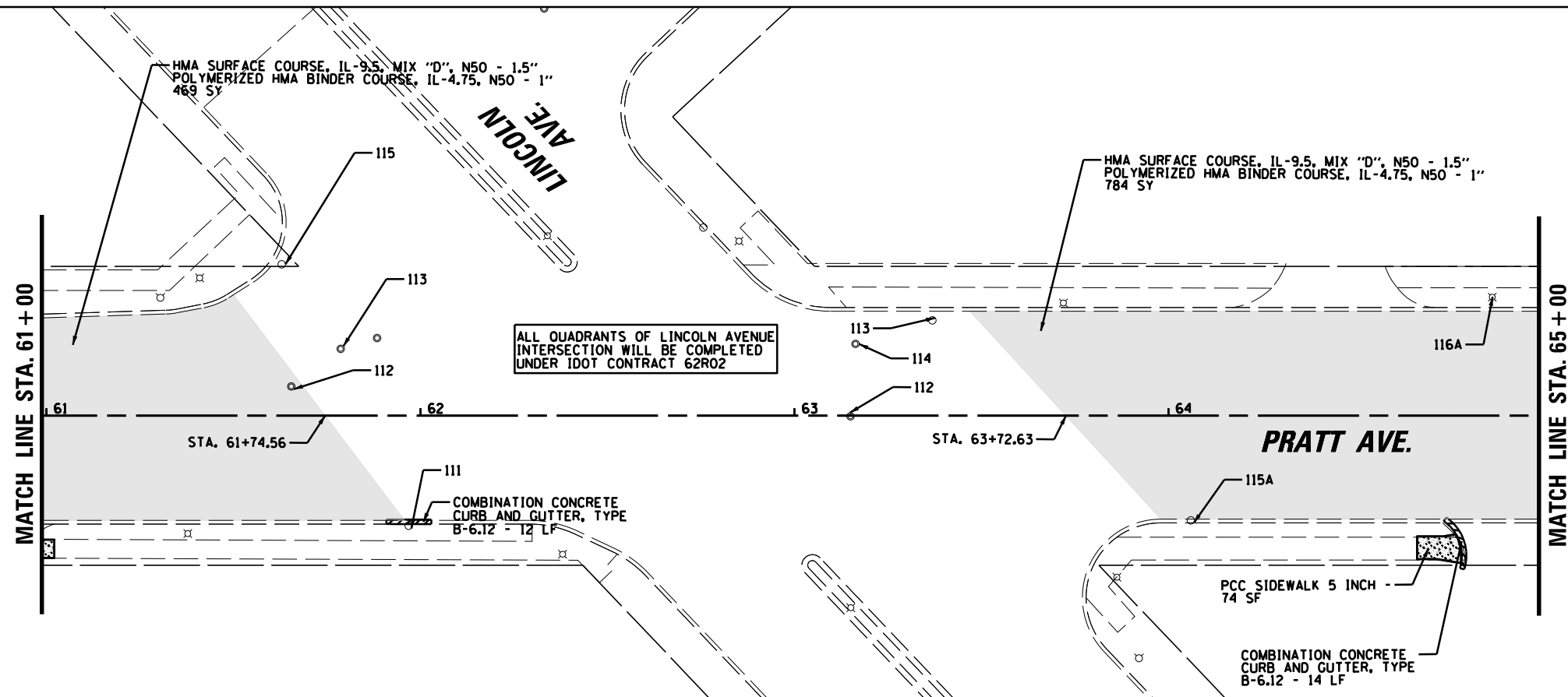
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	19
CONTRACT NO. 61L68				
ILLINOIS FED. AID PROJECT				

EXISTING CONDITION

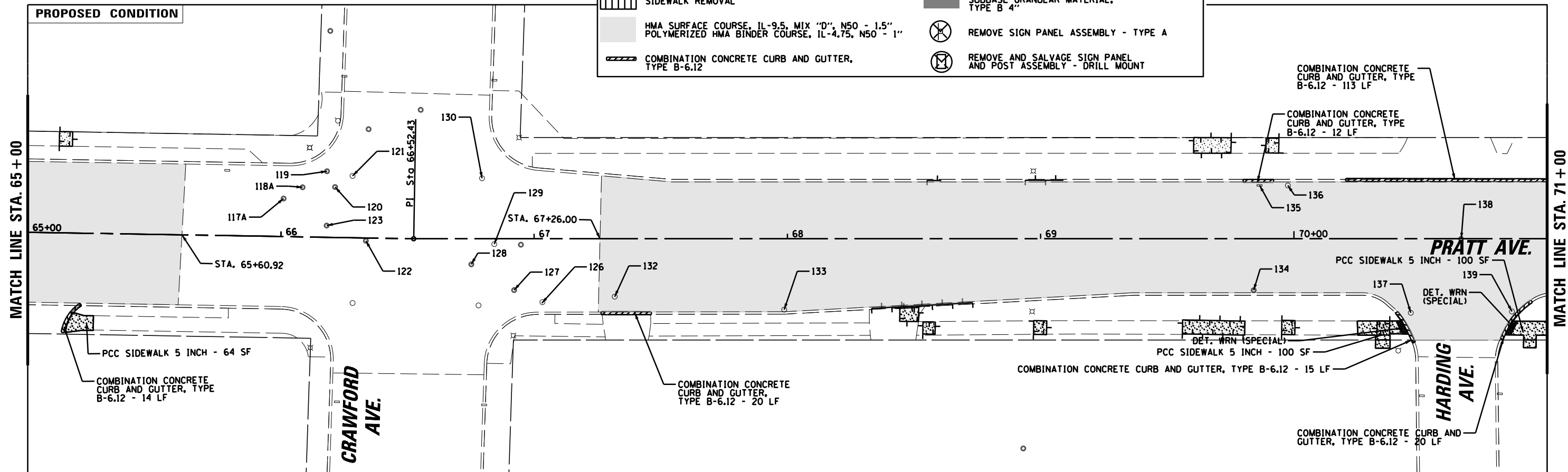
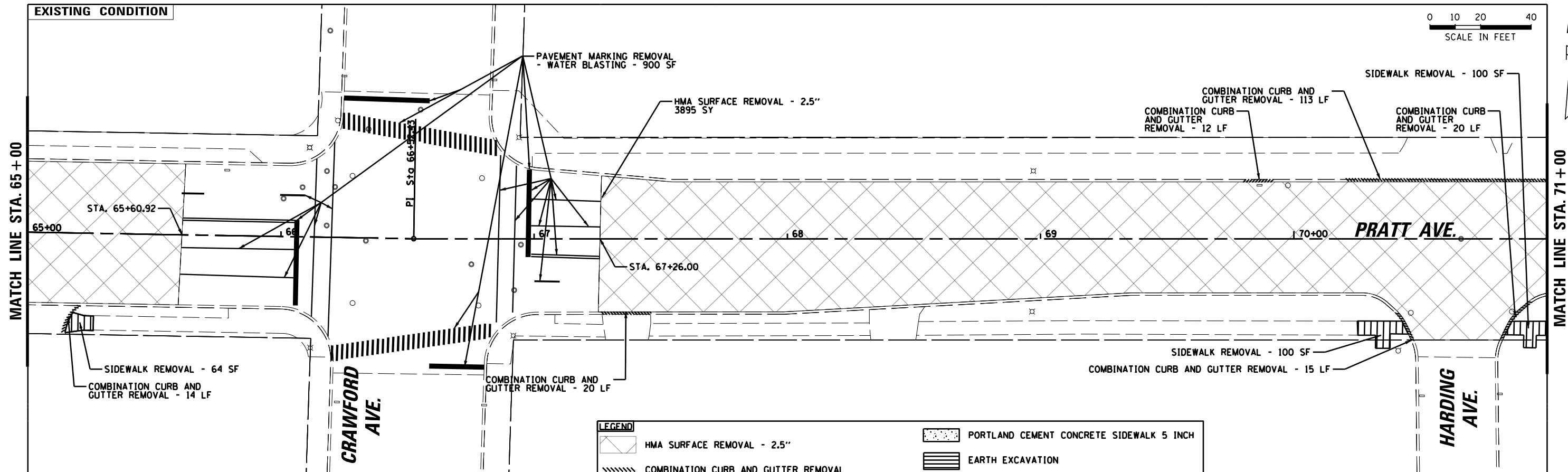


PROPOSED CONDITION

LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT



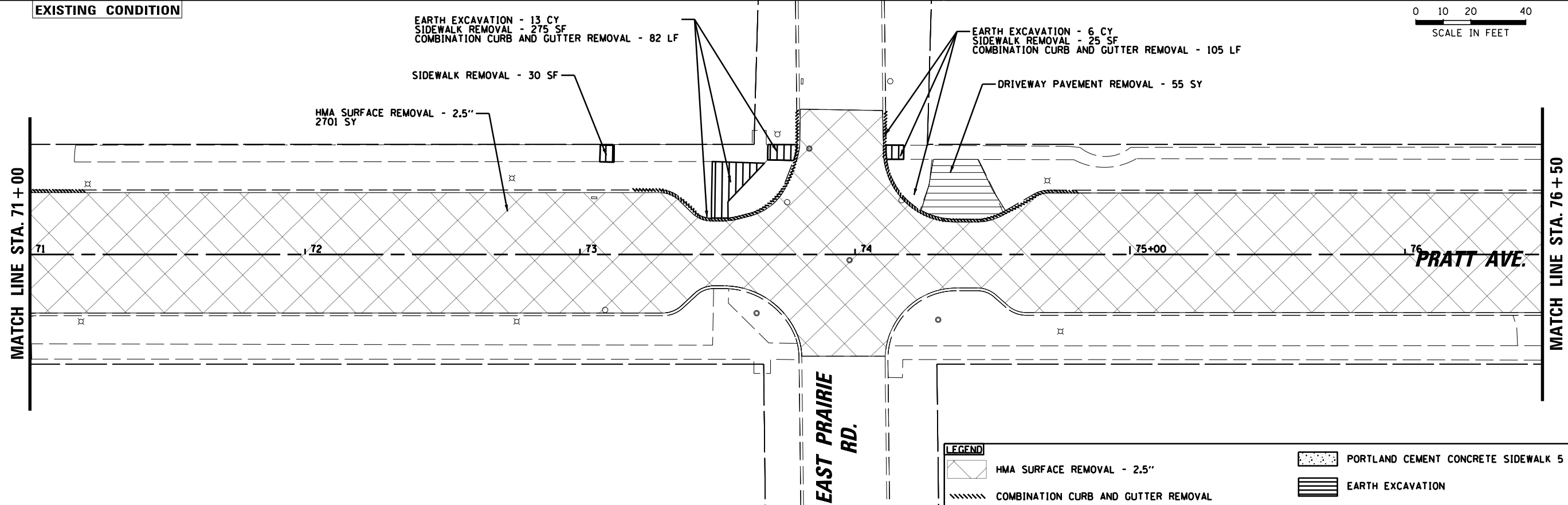
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		DRAWN -	REVISED -					1353	21-00072-00-BT	COOK	69	20
		CHECKED -	REVISED -		SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50			CONTRACT NO. 61L68				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



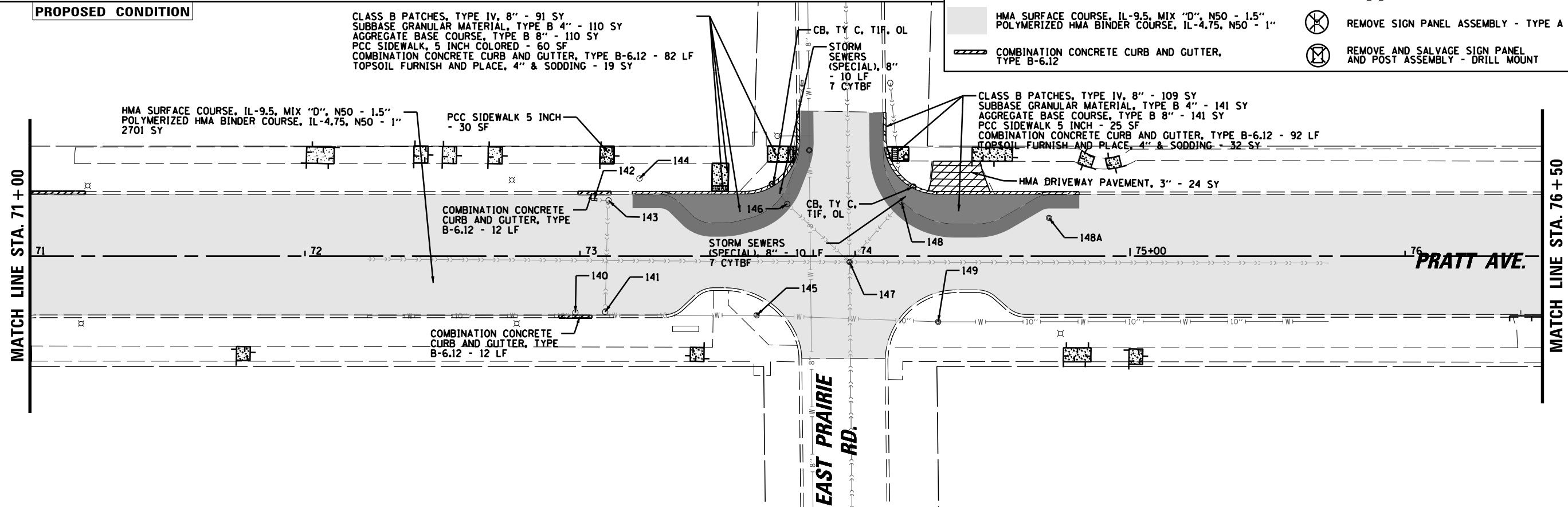
LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT

FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE : 7/29/2025	DATE -	REVISED -		SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50	ILLINOIS FED. AID PROJECT		

EXISTING CONDITION

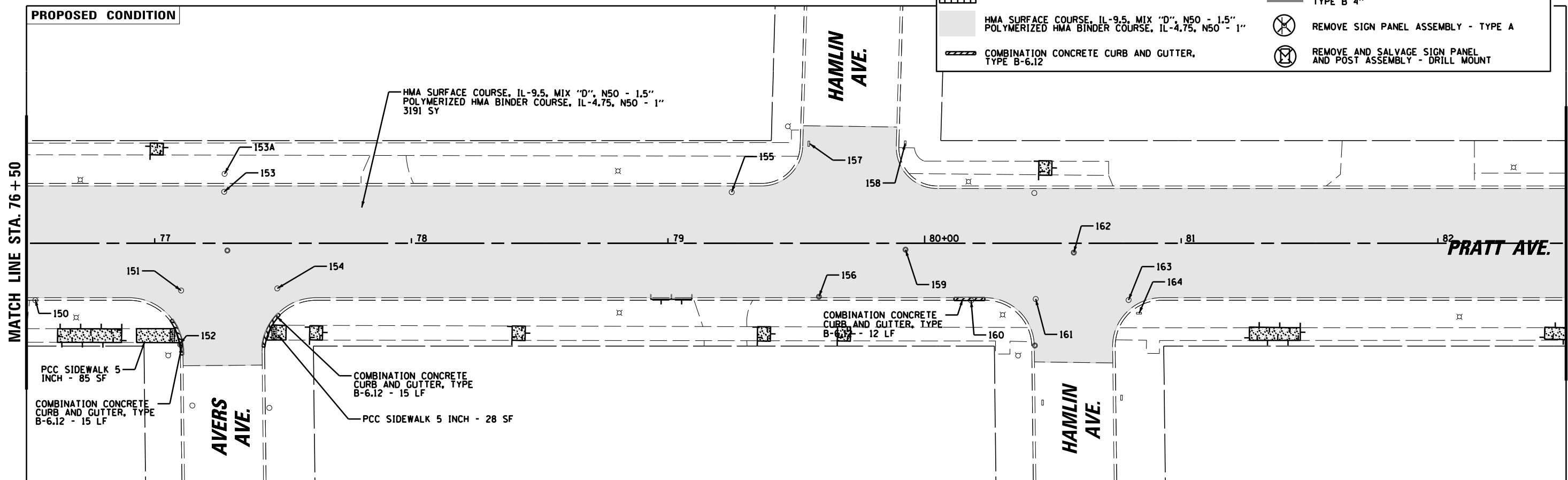
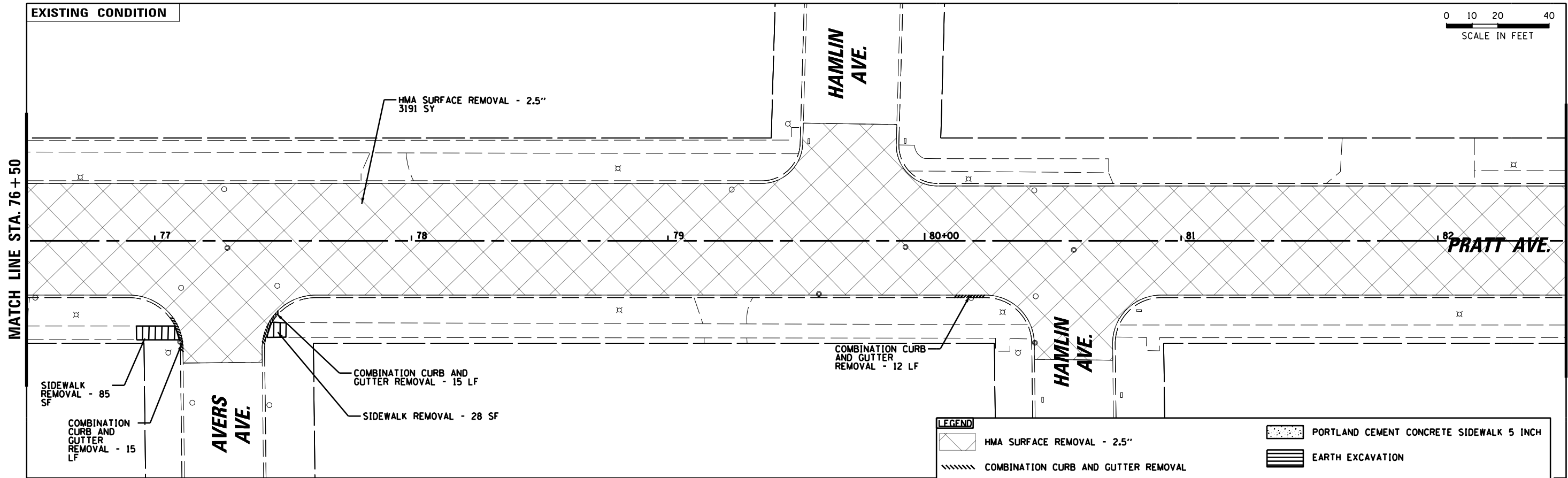


PROPOSED CONDITION



LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\INCOL\MW000\140898\02482\Civil\PLN124_140898_02482.shx		DRAWN -	REVISED -						1353	21-00072-00-BT	COOK	69	22
	PLOT SCALE = 48"	CHECKED -	REVISED -		CONTRACT NO. 61L68								
Default	PLOT DATE = 7/29/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50			



FILE NAME : N:\LINCOLN\000\140090\02402\Civil\PLN\134_140090_02402.shx Default	USER NAME : jhouseh	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE : 48'	CHECKED -	REVISED -
	PLOT DATE : 7/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

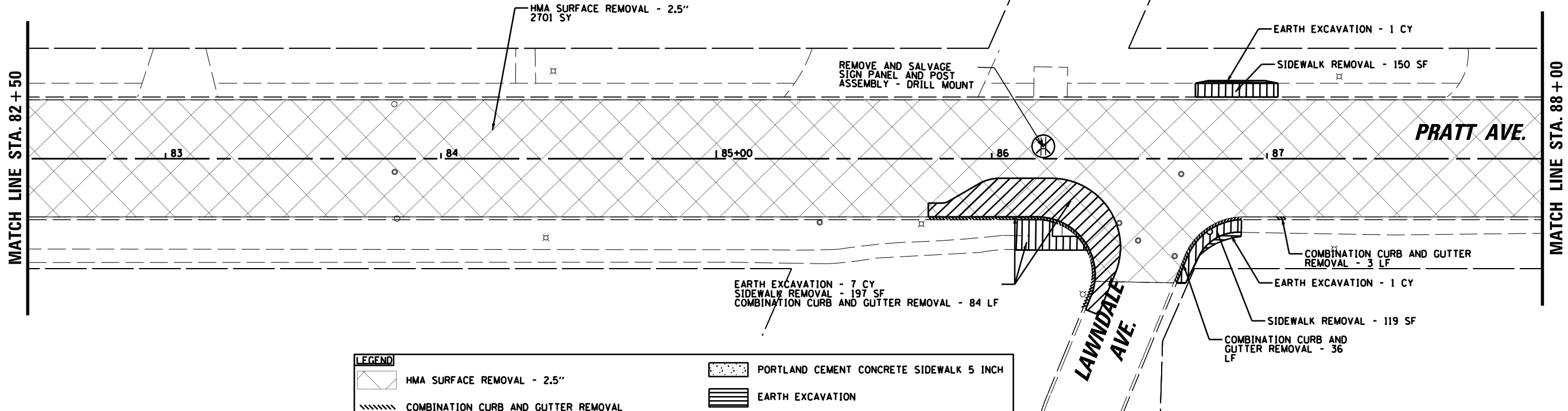
PRATT AVENUE BIKE LANES PROJECT
EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN

SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50

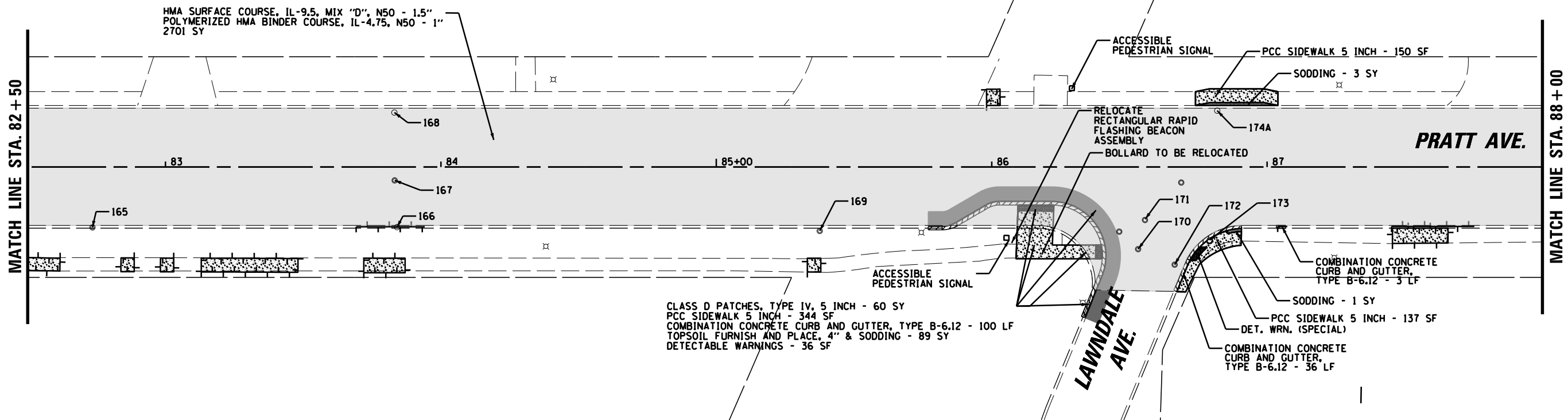
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1353	21-00072-00-BT	COOK	69	23
				CONTRACT NO. 61L68
ILLINOIS FED. AID PROJECT				

EXISTING CONDITION

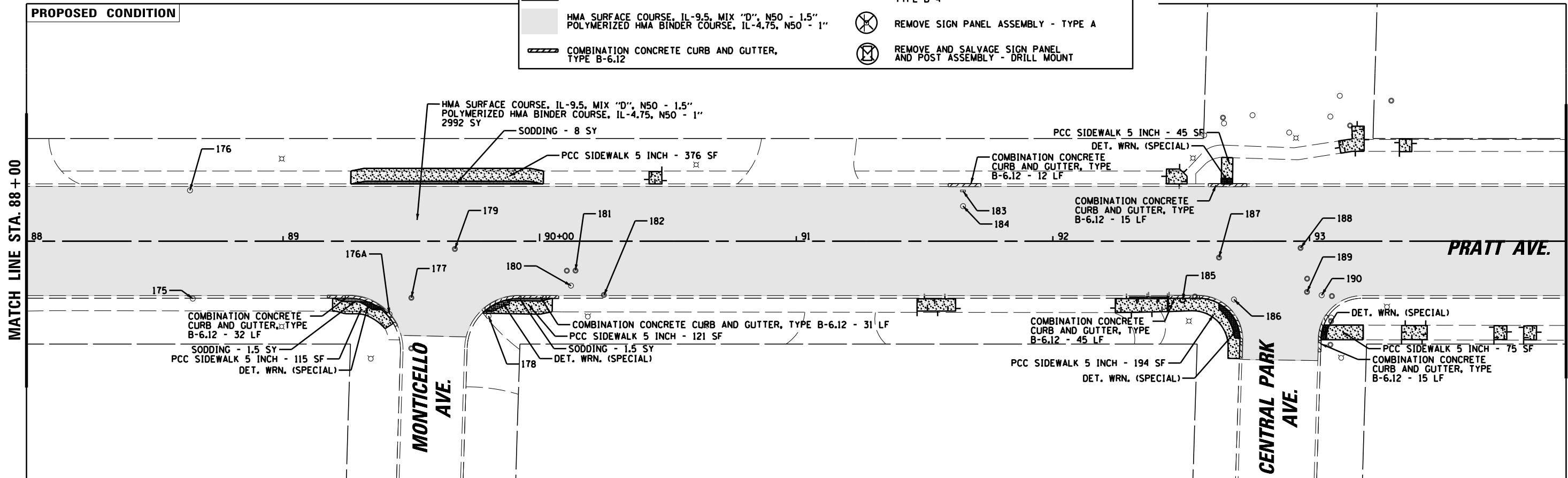
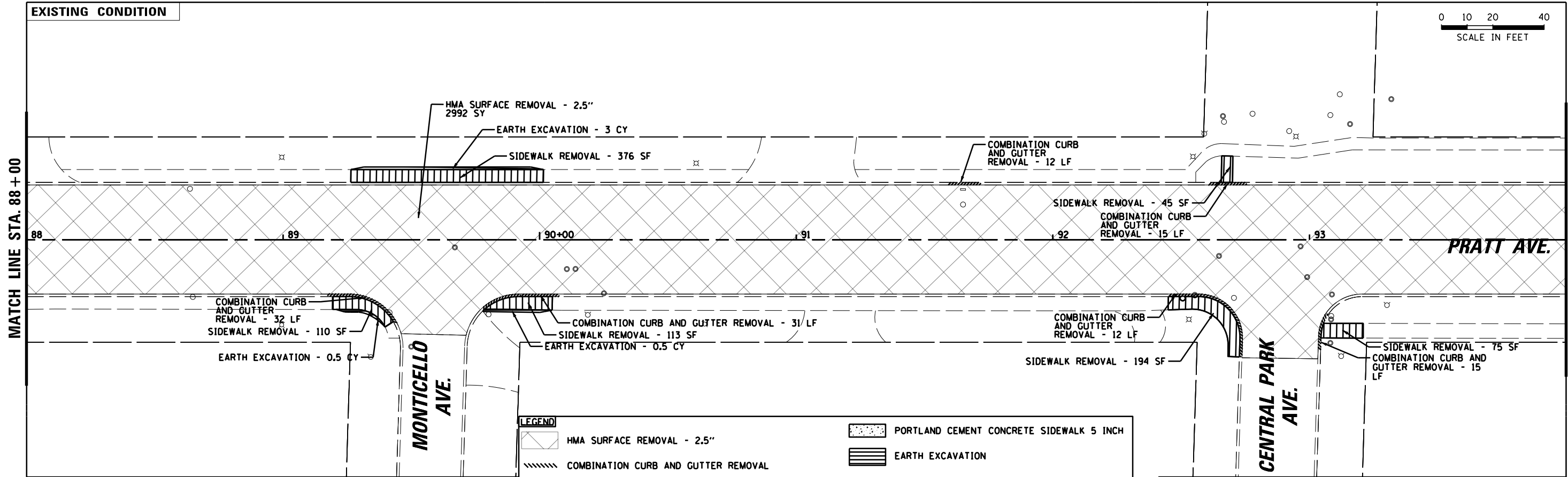
0 10 20 40
SCALE IN FEET



PROPOSED CONDITION



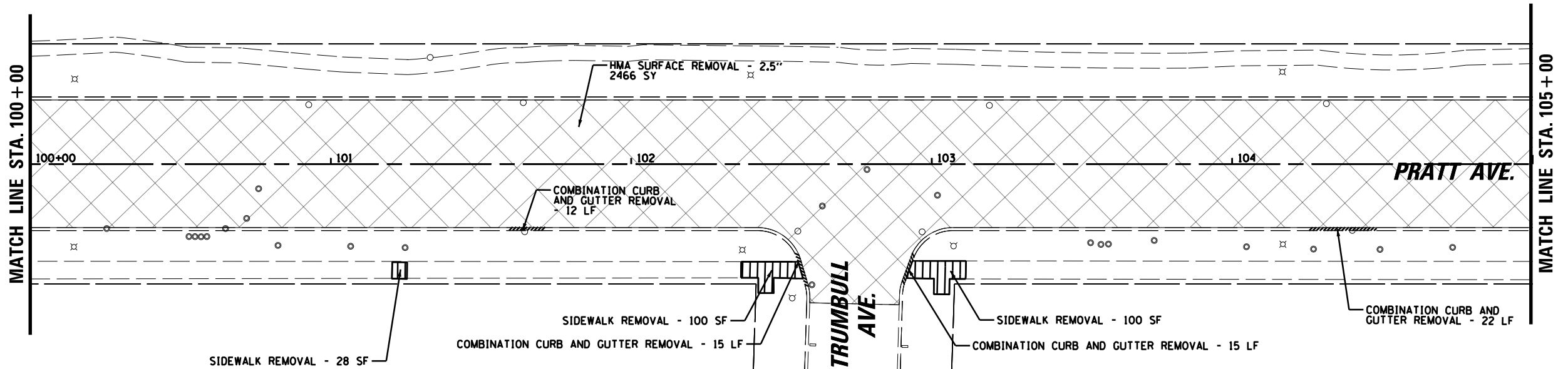
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Default	PLOT SCALE : 48'	DRAWN -	REVISED -					1353	21-00072-00-BT	COOK	69	24
	PLOT DATE : 7/29/2025	CHECKED -	REVISED -		SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50	CONTRACT NO. 61L68	
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT	



FILE NAME : N:\INCOL\N000\140090\02402\Civil\PLN154_140090_02402.dwg	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		DRAWN -	REVISED -					1353	21-00072-00-BT	COOK	69	25
	PLOT SCALE : 48"	CHECKED -	REVISED -									CONTRACT NO. 61L68
	PLOT DATE : 7/29/2025	DATE -	REVISED -									ILLINOIS FED. AID PROJECT
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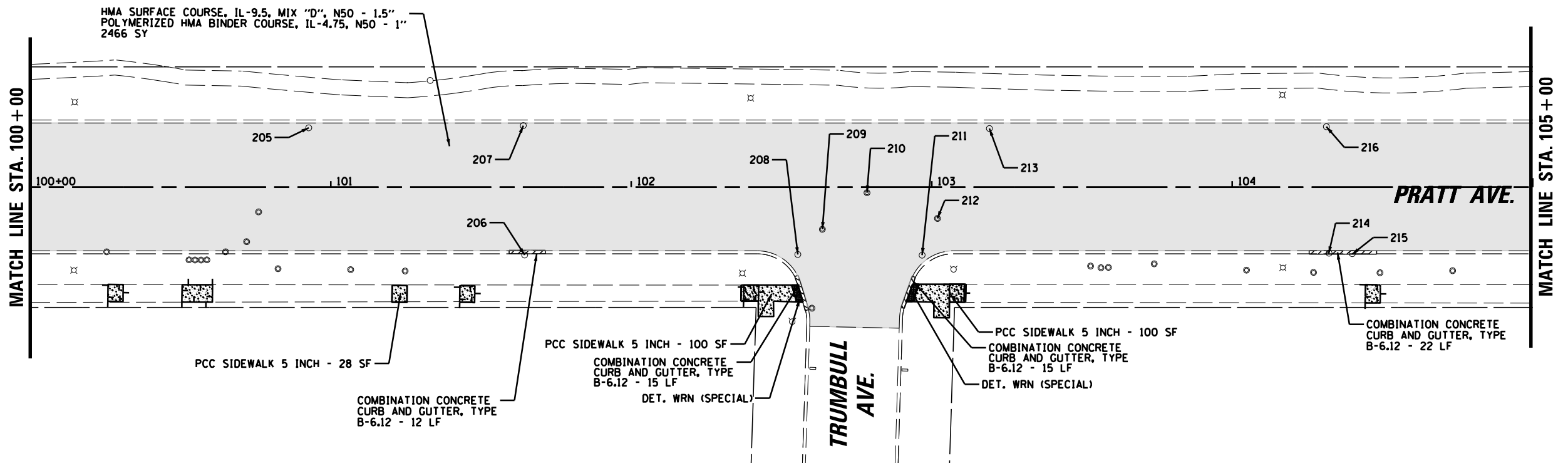
EXISTING CONDITION

0 10 20 40
SCALE IN FEET

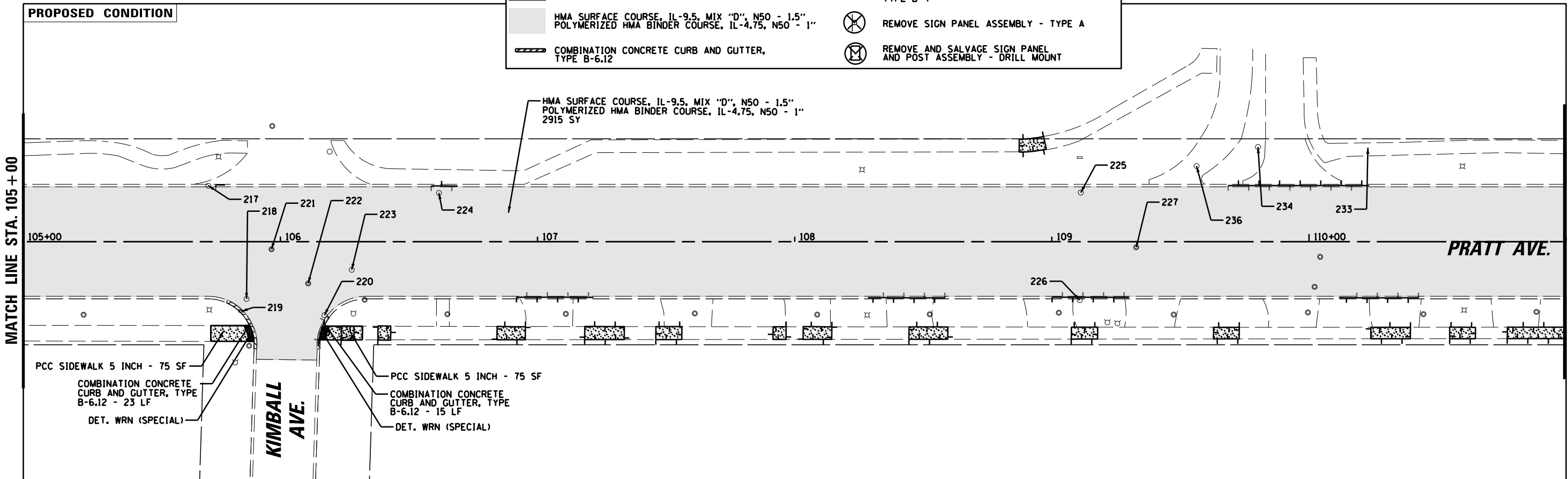
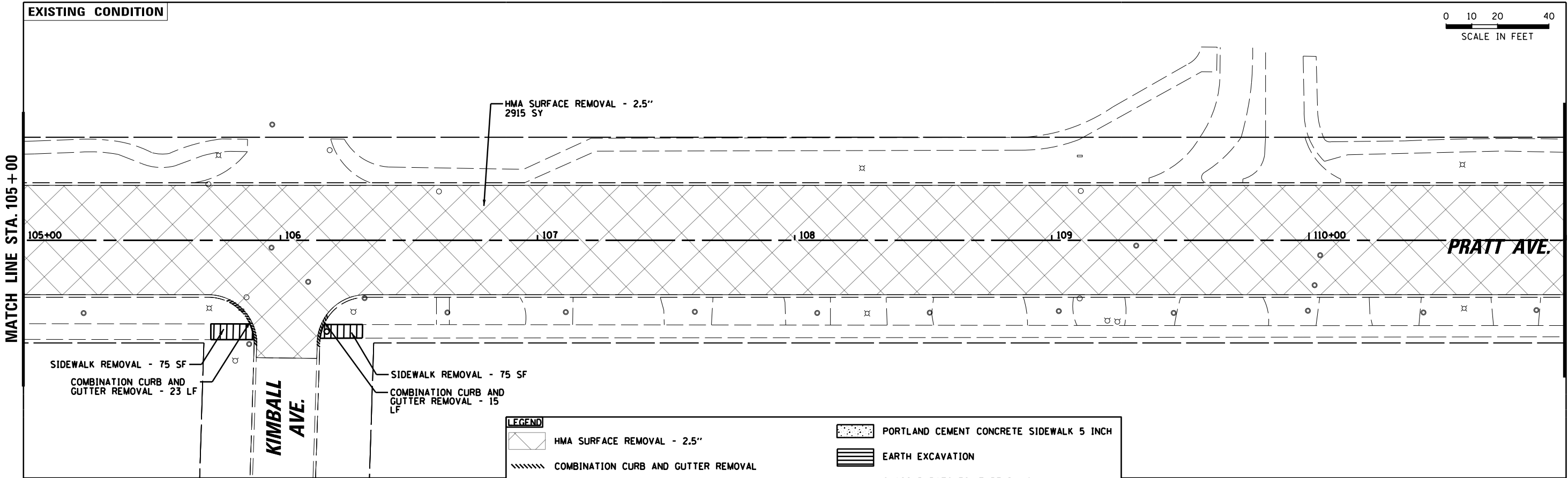


LEGEND	
	HMA SURFACE REMOVAL - 2.5"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 1"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
	EARTH EXCAVATION
	CLASS B PATCHES, TYPE IV, 8" SUBBASE GRANULAR MATERIAL, TYPE B 4"
	REMOVE SIGN PANEL ASSEMBLY - TYPE A
	REMOVE AND SALVAGE SIGN PANEL AND POST ASSEMBLY - DRILL MOUNT

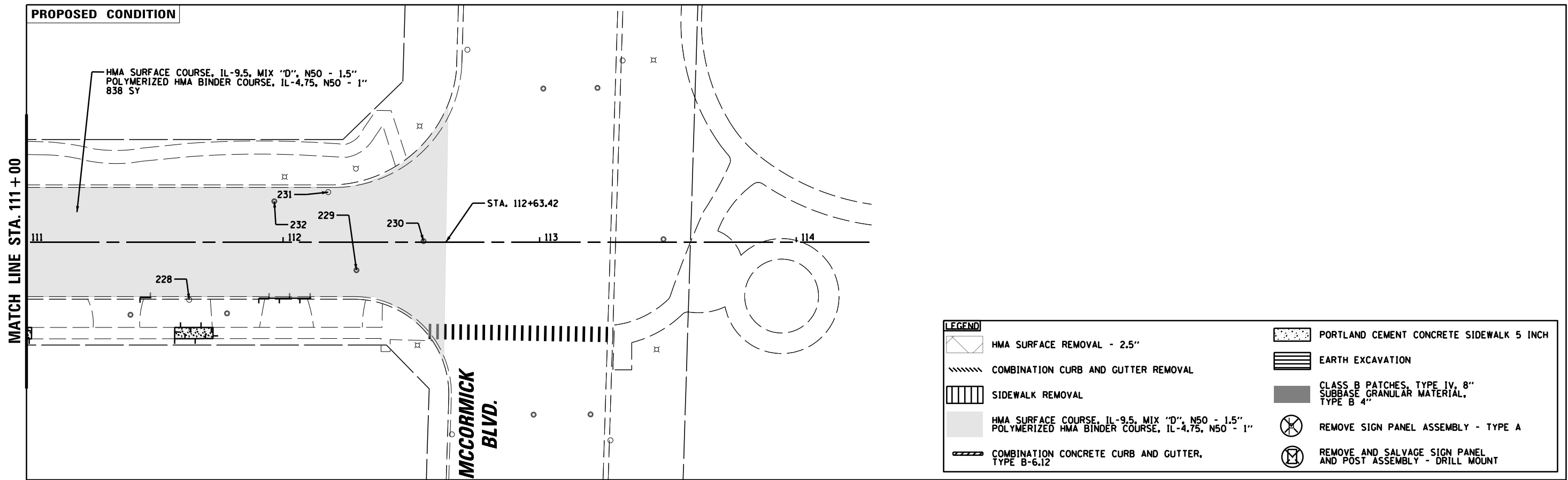
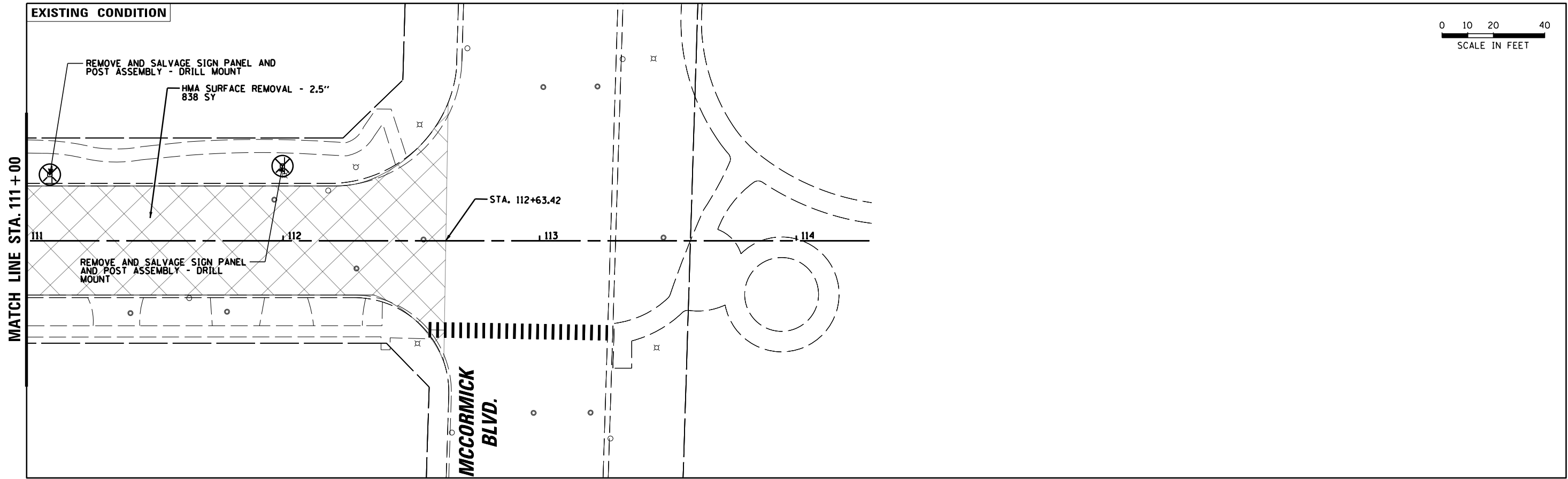
PROPOSED CONDITION



FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\INCOL\N000\140090\02402\Civil\PLN\17_140090_02402.shx		DRAWN -	REVISED -			1353	21-00072-00-BT	COOK	69	27	
Default	PLOT SCALE : 48'	CHECKED -	REVISED -			CONTRACT NO. 61L68					
	PLOT DATE : 7/29/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00 TO STA. 120+50	



FILE NAME : N:\INCOLM\000\140090\02402\Civil\PLN184\140090_02402.dwg Default	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			1353	21-00072-00-BT	COOK	69	28
	PLOT NAME : 40'	CHECKED -	REVISED -			CONTRACT NO. 61L68				
	PLOT DATE : 7/29/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50										



FILE NAME : N:\LINCOLN\N000\140090\02402\Civil\PLN\140090_02402.sht Default	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT EXISTING CONDITIONS, REMOVAL, AND PROPOSED PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			1353	21-00072-00-BT	COOK	69	29	
		PLOT SCALE = 48'	CHECKED -			REVISED -	CONTRACT NO. 61L68				
		PLOT DATE = 7/29/2025	DATE -			REVISED -	SCALE: *SCALE* SHEET OF SHEETS STA. 10+00 TO STA. 120+50				
						ILLINOIS FED. AID PROJECT					

STRUCTURE SCHEDULE

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
CICERO AVE AND PRATT AVE	1	N/A	ADJ. (SP)
CICERO AVE AND PRATT AVE	2	CB	ADJ. (SP)
CICERO AVE AND PRATT AVE	3	N/A	ADJ. (SP)
CICERO AVE AND PRATT AVE	4	CB MORTAR FR	ADJ. (SP)
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	5	INLET	REPLACE W/ INLET, TYPE A
CICERO AVE AND PRATT AVE	6	INLET	REPLACE W/ CB, TYPE C
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	7	CB	RECON.
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	8	INLET	REPLACE W/ CB, TYPE C
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	8A	VV	ADJ. (SP)
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	9	MH	RECON..
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	10	CB	RECON.
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	11	N/A	ADJ. (SP)
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	12	INLET	REPLACE W/ INLET, TYPE B
BETWEEN CICERO AVE AND KNOX AVE ON PRATT AVE	13	CB	ADJ. (SP)
KILPATRICK AVE AND PRATT AVE	14	INLET	REPLACE W/ INLET, TYPE A
KILPATRICK AVE AND PRATT AVE	15	CB	ADJ. (SP)
KILPATRICK AVE AND PRATT AVE	16	N/A	ADJ. (SP)
KILPATRICK AVE AND PRATT AVE	17	N/A	ADJ. (SP)
KILPATRICK AVE AND PRATT AVE	18	N/A	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON	19	MH	RECON.
BETWEEN KILPATRICK AVE. AND KNOX AVE ON	19A	VV	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	20	INLET	REPLACE W/ CB, TYPE C
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	20A	MH	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	21	CB	REPLACE W/ CB, TYPE A
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	22	CB	ADJ.
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	23	N/A	ADJ.
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	24	N/A	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	25	N/A	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	26	N/A	ADJ. (SP)
BETWEEN KILPATRICK AVE. AND KNOX AVE ON PRATT AVE.	27	MH	RECON.S
KENTON AVE. N AND PRATT AVE	28	INLET	RECON.
KENTON AVE.N AND PRATT AVE	29	CB	RECON.
KENTON AVE.N AND PRATT AVE	30	INLET	RECON.
KENTON AVE.N AND PRATT AVE	31	N/A	ADJ. (SP)
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	32	INLET	REPLACE W/ INLET, TYPE A
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	33	CB	ADJ. (SP)
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	34	CB	RECON.+ FRAME

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	34A	CB	RECON.
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	35	MH	RECON.
BETWEEN KENTON AVE. N AND KENTON AVE S ON PRATT AVE	36	V BOX	ADJ. (SP)
KENTON AVE. S AND PRATT AVE	38	N/A	ADJ. (SP)
KENTON AVE. S AND PRATT AVE	39	V.V.	ADJ. (SP)
KENTON AVE. S AND PRATT AVE	40	INLET	REPLACE W/ INLET, TYPE B
KENTON AVE. S AND PRATT AVE	41	CB	ADJ. (SP)
KENTON AVE. S AND PRATT AVE	41A	CB	REPLACE W/ CB, TYPE A
KOLMAR AVE. N AND PRATT AVE	42	INLET	ADJ.
KOLMAR AVE. N AND PRATT AVE	43	N/A	ADJ. (SP)
KOLMAR AVE. N AND PRATT AVE	44	CB	RECON.
KOLMAR AVE. N AND PRATT AVE	45	MH	RECON.
KOLMAR AVE. N AND PRATT AVE	46	N/A	ADJ. (SP)
KOLMAR AVE. N AND PRATT AVE	47	V.V.	RECON..
KOLMAR AVE. N AND PRATT AVE	48	CB	RECON..
KOLMAR AVE. N AND PRATT AVE	49	N/A	ADJ. (SP)
KOLMAR AVE. N AND PRATT AVE	50	N/A	ADJ. (SP)
KOLMAR AVE. N AND PRATT AVE	51	INLET	REPLACE W/ CB, TYPE C
KOLMAR AVE. N AND PRATT AVE	52	MH	RECON.
KOLMAR AVE. N AND PRATT AVE	53	N/A	ADJ. (SP)
BETWEEN VALEY LINE TRAIL AND KENNETH AVE ON PRATT AVE.	53A	CB	ADJ.
BETWEEN VALEY LINE TRAIL AND KENNETH AVE ON PRATT AVE.	54	W	ADJ. (SP)
BETWEEN VALEY LINE TRAIL AND KENNETH AVE ON PRATT AVE.	54A	MH	RECON.
BETWEEN VALEY LINE TRAIL AND KENNETH AVE ON PRATT AVE.	55	N/A	ADJ. (SP)
BETWEEN VALEY LINE TRAIL AND KENNETH AVE ON PRATT AVE.	56	CB	ADJ. (SP)
KENNETH AVE. N AND PRATT AVE	57	N/A	ADJ. (SP)
KENNETH AVE. N AND PRATT AVE	58	W	ADJ. (SP)
KENNETH AVE. N AND PRATT AVE	59	MH	RECON.
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	60	N/A	ADJ. (SP)
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	61	MH	RECON.
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	62	VV	RECON.
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	63	INLET	REPLACE W/ INLET, TYPE B
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	64	CB	ADJ. (SP)
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	65	CB	ADJ. (SP)
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	65A	MH	ADJ. (SP)
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	66	N/A	ADJ. (SP)
BETWEEN KENNETH AVE. N AND KOSTNER AVE N. ON PRATT AVE.	67	CB	REPLACE W/ CB, TYPE A

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
BETWEEN KOSTNER AVE. N AND LOWELL AVE N ON PRATT AVE.	68	N/A	ADJ. (SP)
BETWEEN KOSTNER AVE. N AND LOWELL AVE N ON PRATT AVE.	69	CB	ADJ. (SP)
BETWEEN KOSTNER AVE. N AND LOWELL AVE N ON PRATT AVE.	70	INLET	RECON.
BETWEEN KOSTNER AVE. N AND LOWELL AVE N ON PRATT AVE.	70A	CB	ADJ. (SP)
BETWEEN KOSTNER AVE. N AND LOWELL AVE N ON PRATT AVE.	71	INLET	NEW - NO IMPROVEMENTS NEEDED
LOWELL AVE. N AND PRATT AVE.	72	INLET	NEW - NO IMPROVEMENTS NEEDED
LOWELL AVE. N AND PRATT AVE.	73	N/A	ADJ. (SP)
BETWEEN LOWELL AVE. N AND KILDARE AVE. N ON PRATT AVE.	74	CB	REPLACE W/ CB, TYPE B
BETWEEN LOWELL AVE. N AND KILDARE AVE. N ON PRATT AVE.	75	INLET	REPLACE W/ CB, TYPE C
BETWEEN LOWELL AVE. N AND KILDARE AVE. N ON PRATT AVE.	76	CB	ADJ. (SP)
BETWEEN LOWELL AVE. N AND KILDARE AVE. N ON PRATT AVE.	77	INLET	REPLACE W/ CB, TYPE C
KILDARE AVE. N AND PRATT AVE.	78	N/A	ADJ. (SP)
KILDARE AVE. N AND PRATT AVE.	79	V.V O	ADJ. (SP)
BETWEEN KILDARE AVE. N AND TRIPP AVE. N ON PRATT AVE.	80	CB	ADJ. (SP)
BETWEEN KILDARE AVE. N AND TRIPP AVE. N ON PRATT AVE.	81	INLET	REPLACE W/ INLET, TYPE B
BETWEEN KILDARE AVE. N AND TRIPP AVE. N ON PRATT AVE.	82	INLET	REPLACE W/ INLET, TYPE A
BETWEEN KILDARE AVE. N AND TRIPP AVE. N ON PRATT AVE.	83	CB	ADJ. (SP)
TRIPP AVE. AND PRATT AVE.	84	N/A	ADJ. (SP)
BETWEEN TRIPP AVE. AND KEELER AVE. ON PRATT AVE	85	CB	ADJ. (SP)
BETWEEN TRIPP AVE. AND KEELER AVE. ON PRATT AVE	86	N/A	ADJ. (SP)
BETWEEN TRIPP AVE. AND KEELER AVE. ON PRATT AVE	86A	INLET	REPLACE W/ INLET, TYPE B
BETWEEN TRIPP AVE. AND KEELER AVE. ON PRATT AVE	87	CB	ADJ. (SP)
KEELER AVE. AND PRATT AVE.	88	VV	ADJ. (SP)
KEELER AVE. AND PRATT AVE.	89	CB	RECON..
KEELER AVE. AND PRATT AVE.	90	N/A	ADJ. (SP)
KEELER AVE. AND PRATT AVE.	91	CB	RECON.
KEELER AVE. AND PRATT AVE.	92	N/A	ADJ. (SP)
KEELER AVE. AND PRATT AVE.	93	MH	ADJ. (SP)
KEELER AVE. AND PRATT AVE.	94	CB	REPLACE W/ CB, TYPE C
BETWWEN KEELER AVE. AND KEDVALE AVE. ON PRATT AVE.	94A	CB	RECON.
BETWWEN KEELER AVE. AND KEDVALE AVE. ON PRATT AVE.	95	CB	ADJ. (SP)
BETWWEN KEELER AVE. AND KEDVALE AVE. ON PRATT AVE.	96	INLET	REPLACE W/ INLET, TYPE A
KEDVALE AVE AND PRATT AVE	97	CB	REPLACE W/ CB, TYPE A
KEDVALE AVE AND PRATT AVE	98	CB	REPLACE W/ CB, TYPE B
KEDVALE AVE AND PRATT AVE	99	MH	RECON..
KEDVALE AVE AND PRATT AVE	100	N/A	ADJ. (SP)
KEDVALE AVE AND PRATT AVE	101	CB	ADJ.

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
KEDVALE AVE AND PRATT AVE	102	CB	RECON..
BETWEEN KEDVALE AVE. AND KARLOV AVE. ON PRATT AVE.	103	INLET	REPLACE W/ INLET, TYPE A
BETWEEN KEDVALE AVE. AND KARLOV AVE. ON PRATT AVE.	104	CB	ADJ. (SP)
BETWEEN KEDVALE AVE. AND KARLOV AVE. ON PRATT AVE.	105	CB	RECON.
KARLOV AVE. AND PRATT AVE.	106	CB	REPLACE W/ CB, TYPE A
KARLOV AVE. AND PRATT AVE.	107	CB	RECON.
KARLOV AVE. AND PRATT AVE.	108	N/A	ADJ. (SP)
BETWEEN KARLOV AVE. AND LINCOLN AVE. ON PRATT AVE.	109	INLET	ADJ.
BETWEEN KARLOV AVE. AND LINCOLN AVE. ON PRATT AVE.	110	CB	ADJ. (SP)
BETWEEN KARLOV AVE. AND LINCOLN AVE. ON PRATT AVE.	111	CB	REPLACE W/ CB, TYPE A
ON LINCOLN AVE. AND PRATT AVE.	112	N/A	ADJ. (SP)
ON LINCOLN AVE. AND PRATT AVE.	113	CB	RECON..
ON LINCOLN AVE. AND PRATT AVE.	114	N/A	ADJ. (SP)
ON LINCOLN AVE. AND PRATT AVE.	115	CB	RECON.
BETWEEN KARLOV AVE. AND LINCOLN AVE. ON PRATT AVE.	116	CB	RECON..
BETWEEN KARLOV AVE. AND LINCOLN AVE. ON PRATT AVE.	117	CB	RECON..
BETWEEN LINCOLN AVE AND CRAWFORD AVE. ON PRATT AVE.	115A	CB	RECON..
BETWEEN LINCOLN AVE AND CRAWFORD AVE. ON PRATT AVE.	116A	VV	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	117A	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	118A	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	119	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	120	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	121	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	122	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	123	N/A	ADJ. (SP)
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	126	CB	RECON.
CRAWFORD AVE. AND PRATT AVE.	127	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	128	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	129	N/A	ADJ. (SP)
CRAWFORD AVE. AND PRATT AVE.	130	N/A	ADJ. (SP)
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	131	INLET	RECON. + PIPE
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	132	CB	RECON.
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	133	CB	RECON.
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	134	W?	RECON..
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	135	INLET	REPLACE W/ INLET, TYPE B
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	136	CB	ADJ.
BETWEEN CRAWFORD AVE AND HARDING AVE ON PRATT AVE.	137	CB	ADJ. (SP)

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
HARDING AVE. AND PRATT AVE.	138	N/A	ADJ. (SP)
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	139	CB	RECON. + PIPES
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	140	CB	REPLACE W/ CB, TYPE B
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	141	CB	RECON..
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	142	INLET	REPLACE W/ INLET, TYPE B
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	143	CB	RECON..
BETWWEN HARDING AVE. AND EAST PRAIRIE RD. ON PRATT AVE	144	CB	ADJ. (SP)
EAST PRAIRIE RD. AND PRATT AVE	145	VV	ADJ. (SP)
EAST PRAIRIE RD. AND PRATT AVE	146	CB	RECON.
EAST PRAIRIE RD. AND PRATT AVE	147	N/A	ADJ. (SP)
EAST PRAIRIE RD. AND PRATT AVE	148	CB	RECON.
EAST PRAIRIE RD. AND PRATT AVE	148A	VV	ADJ. (SP)
EAST PRAIRIE RD. AND PRATT AVE	149	VV	ADJ. (SP)
BETWEEN EAST PRAIRIE RD. AND AVERS AVE. ON PRATT AVE.	150	CB	RECON..
AVERS AVE. AND PRATT AVE.	151	CB	RECON..
AVERS AVE. AND PRATT AVE.	152	W	ADJ. (SP)
AVERS AVE. AND PRATT AVE.	153	CB	ADJ.
AVERS AVE. AND PRATT AVE.	153A	CB	ADJ. (SP)
AVERS AVE. AND PRATT AVE.	154	CB	RECON..
HAMLIN AVE. N AND PRATT AVE.	155	CB	RECON..
HAMLIN AVE. N AND PRATT AVE.	156	W	RECON.
HAMLIN AVE. N AND PRATT AVE.	157	CB	RECON.
HAMLIN AVE. N AND PRATT AVE.	158	INLET	RECON.
HAMLIN AVE. N AND PRATT AVE.	159	N/A	ADJ. (SP)
HAMLIN AVE S. AND PRATT AVE.	160	CB	REPLACE W/ CB, TYPE A
HAMLIN AVE S. AND PRATT AVE.	161	CB	RECON.
HAMLIN AVE S. AND PRATT AVE.	162	N/A	ADJ. (SP)
HAMLIN AVE S. AND PRATT AVE.	162A	CB	RECON..
HAMLIN AVE S. AND PRATT AVE.	163	CB	REPLACE W/ CB, TYPE A
HAMLIN AVE S. AND PRATT AVE.	164	CB	ADJ.
BETWEEN HAMLIN AVE. AND LAWNSDALE AVE. ON PRATT AVE.	165	W	RECON.
BETWEEN HAMLIN AVE. AND LAWNSDALE AVE. ON PRATT AVE.	166	CB	ADJ.
BETWEEN HAMLIN AVE. AND LAWNSDALE AVE. ON PRATT AVE.	167	N/A	ADJ. (SP)
BETWEEN HAMLIN AVE. AND LAWNSDALE AVE. ON PRATT AVE.	168	CB	ADJ.
BETWEEN HAMLIN AVE. AND LAWNSDALE AVE. ON PRATT AVE.	169	W	RECON.
LAWNSDALE AVE. AND PRATT AVE.	170	W	ADJ. (SP)
LAWNSDALE AVE. AND PRATT AVE.	171	W	ADJ. (SP)

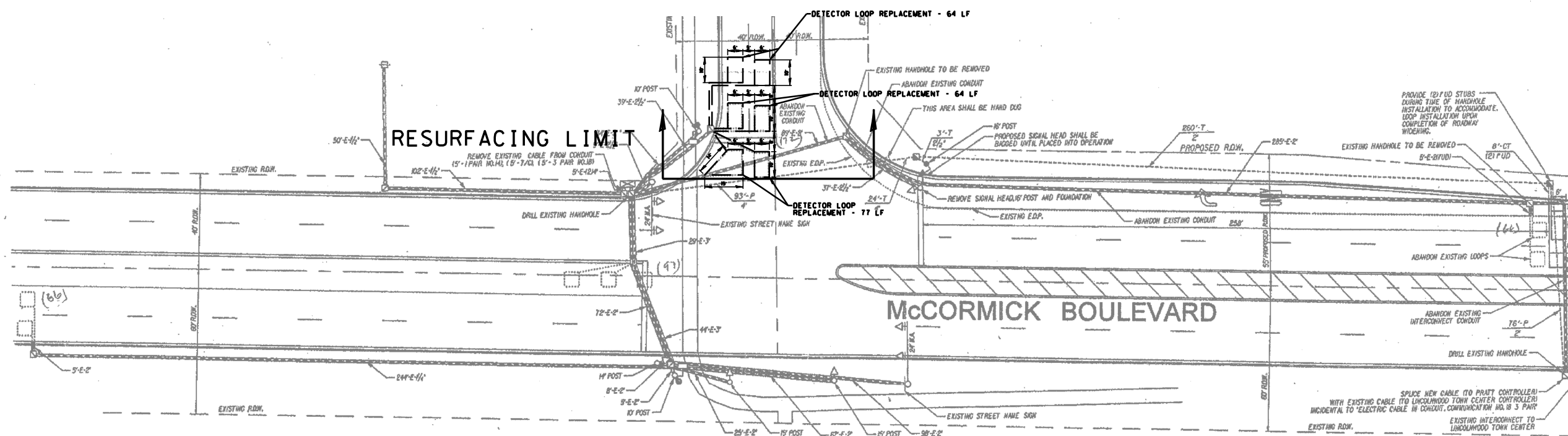
ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
LAWNSDALE AVE. AND PRATT AVE.	172	MH	RECON. + ADJ. (SP)
LAWNSDALE AVE. AND PRATT AVE.	173	CB	RECON.
LAWNSDALE AVE. AND PRATT AVE.	174	N/A	ADJ. (SP)
LAWNSDALE AVE. AND PRATT AVE.	174A	CB	ADJ.
BETWEEN LAWNSDALE AVE. AND MONTICELLO AVE. ON PRATT AVE.	175	CB	ADJ. (SP)
BETWEEN LAWNSDALE AVE. AND MONTICELLO AVE. ON PRATT AVE.	176	CB	ADJ.
MONTICELLO AVE. AND PRATT AVE.	176A	INLET	REPLACE W/ CB, TYPE C
MONTICELLO AVE. AND PRATT AVE.	177	W	ADJ. (SP)
MONTICELLO AVE. AND PRATT AVE.	178	CB	REPLACE W/ CB, TYPE A
MONTICELLO AVE. AND PRATT AVE.	179	N/A	ADJ. (SP)
MONTICELLO AVE. AND PRATT AVE.	180	ABOVE R D. STRUCTURE	REPLACE FRAME
MONTICELLO AVE. AND PRATT AVE.	181	V.V	ADJ. (SP)
MONTICELLO AVE. AND PRATT AVE.	182	CURB OVER LID	ADJ.
BETWEEN MOTICELLO AVE. AND CENTRAL PARK AVE. ON PRATT AVE.	183	INLET	REPLACE W/ CB, TYPE C
BETWEEN MOTICELLO AVE. AND CENTRAL PARK AVE. ON PRATT AVE.	184	CB	ADJ. (SP)
CENTRAL PARK AVE. AND PRATT AVE.	185	CB	REPLACE W/ CB, TYPE C
CENTRAL PARK AVE. AND PRATT AVE.	186	CB	REPLACE W/ CB, TYPE B
CENTRAL PARK AVE. AND PRATT AVE.	187	N/A	ADJ. (SP)
CENTRAL PARK AVE. AND PRATT AVE.	188	N/A	ADJ. (SP)
CENTRAL PARK AVE. AND PRATT AVE.	189	W	ADJ. (SP)
CENTRAL PARK AVE. AND PRATT AVE.	190	CB	RECON..
BETWEEN CENTRAL PARK AVE. AND DRAKE AVE ON PRATT AVE.	191	CB	ADJ.
BETWEEN CENTRAL PARK AVE. AND DRAKE AVE ON PRATT AVE.	192	CB	ADJ.
BETWEEN CENTRAL PARK AVE. AND DRAKE AVE ON PRATT AVE.	193	CB	RECON..
DRAKE AVE. AND PRATT AVE.	194	CB	REPLACE W/ CB, TYPE A
DRAKE AVE. AND PRATT AVE.	195	N/A	ADJ. (SP)
DRAKE AVE. AND PRATT AVE.	196	N/A	ADJ. (SP)
DRAKE AVE. AND PRATT AVE.	197	W	ADJ. (SP)
DRAKE AVE. AND PRATT AVE.	198	CB	RECON..
DRAKE AVE. AND PRATT AVE.	198A	N/A	ADJ. (SP)
DRAKE AVE. AND PRATT AVE.	198B	CB	RECON.
BETWEEN DRAKE AVE. AND ST LOUIS AVE. ON PRATT AVE.	199	CB	ADJ. (SP)
BETWEEN DRAKE AVE. AND ST LOUIS AVE. ON PRATT AVE.	200	CB	RECON.
ST LOUIS AVE. AND PRATT AVE.	201	CB	ADJ. (SP)
ST LOUIS AVE. AND PRATT AVE.	202	W	ADJ. + NEW FRAME AND LID
ST LOUIS AVE. AND PRATT AVE.	203	N/A	ADJ. (SP)
ST LOUIS AVE. AND PRATT AVE.	203A	CB	ADJ. (SP)

ADDRESS/LOCATION	STRUCTURE NO.	TYPE/ DIAMETER	COMMENTS
ST LOUIS AVE. AND PRATT AVE.	204	CB	ADJ. (SP)
BETWEEN ST LOUIS AVE. AND TRUMBULL AVE. ON PRATT AVE.	205	CB	ADJ.
BETWEEN ST LOUIS AVE. AND TRUMBULL AVE. ON PRATT AVE.	206	CB	REPLACE W/ CB, TYPE A
BETWEEN ST LOUIS AVE. AND TRUMBULL AVE. ON PRATT AVE.	207	CB	ADJ.
TRUMBULL AVE AND PRATT AVE.	208	CB	ADJ. (SP)
TRUMBULL AVE AND PRATT AVE.	209	W	ADJ. (SP)
TRUMBULL AVE AND PRATT AVE.	210	N/A	ADJ. (SP)
TRUMBULL AVE AND PRATT AVE.	211	CB	ADJ. (SP)
TRUMBULL AVE AND PRATT AVE.	212	W	ADJ. (SP)
TRUMBULL AVE AND PRATT AVE.	213	CB	ADJ. (SP)
BETWEEN TRUMBULL AVE. AND KIMBALL AVE. ON PRATT AVE.	214	INLET	REPLACE W/ INLET, TYPE B
BETWEEN TRUMBULL AVE. AND KIMBALL AVE. ON PRATT AVE.	215	CB	REPLACE W/ CB, TYPE A
BETWEEN TRUMBULL AVE. AND KIMBALL AVE. ON PRATT AVE.	216	CB	RECON.
KIMBALL AVE. AND PRATT AVE.	217	CB	ADJ.
KIMBALL AVE. AND PRATT AVE.	218	CB	RECON..
KIMBALL AVE. AND PRATT AVE.	219	CB	REPLACE W/ CB, TYPE C
KIMBALL AVE. AND PRATT AVE.	220	CB	RECON..
KIMBALL AVE. AND PRATT AVE.	221	N/A	ADJ. (SP)
KIMBALL AVE. AND PRATT AVE.	222	V.V	ADJ. (SP)
KIMBALL AVE. AND PRATT AVE.	223	V.V	ADJ. (SP)
KIMBALL AVE. AND PRATT AVE.	224	CB	RECON.
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	225	CB	RECON.
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	226	CB	RECON..
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	227	N/A	ADJ. (SP)
MCCORMICK BLVD. AND PRATT AVE.	228	N/A	ADJ. (SP)
MCCORMICK BLVD. AND PRATT AVE.	229	W	ADJ. (SP)
MCCORMICK BLVD. AND PRATT AVE.	230	N/A	ADJ. (SP)
MCCORMICK BLVD. AND PRATT AVE.	231	CB	ADJ.
MCCORMICK BLVD. AND PRATT AVE.	232	W	ADJ. (SP)
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	233	INLET	REPLACE W/ CB, TYPE C
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	234	CB	RECON.
IN FRONT OF PLANET FITNESS ON PRATT AVE. BETWEEN KIMBALL AVE. AND	236	CB	REPLACE W/ CB, TYPE C

1. Work shall meet the requirements of the Special Provision, "Detector Loop Replacement and /or Installation (Roadway Grinding, Resurfacing & Patching Operations).
2. This plan is for the sole purpose of Detector Loop Replacement.

* (3138 & 3839) RS-3

PRATT AVE

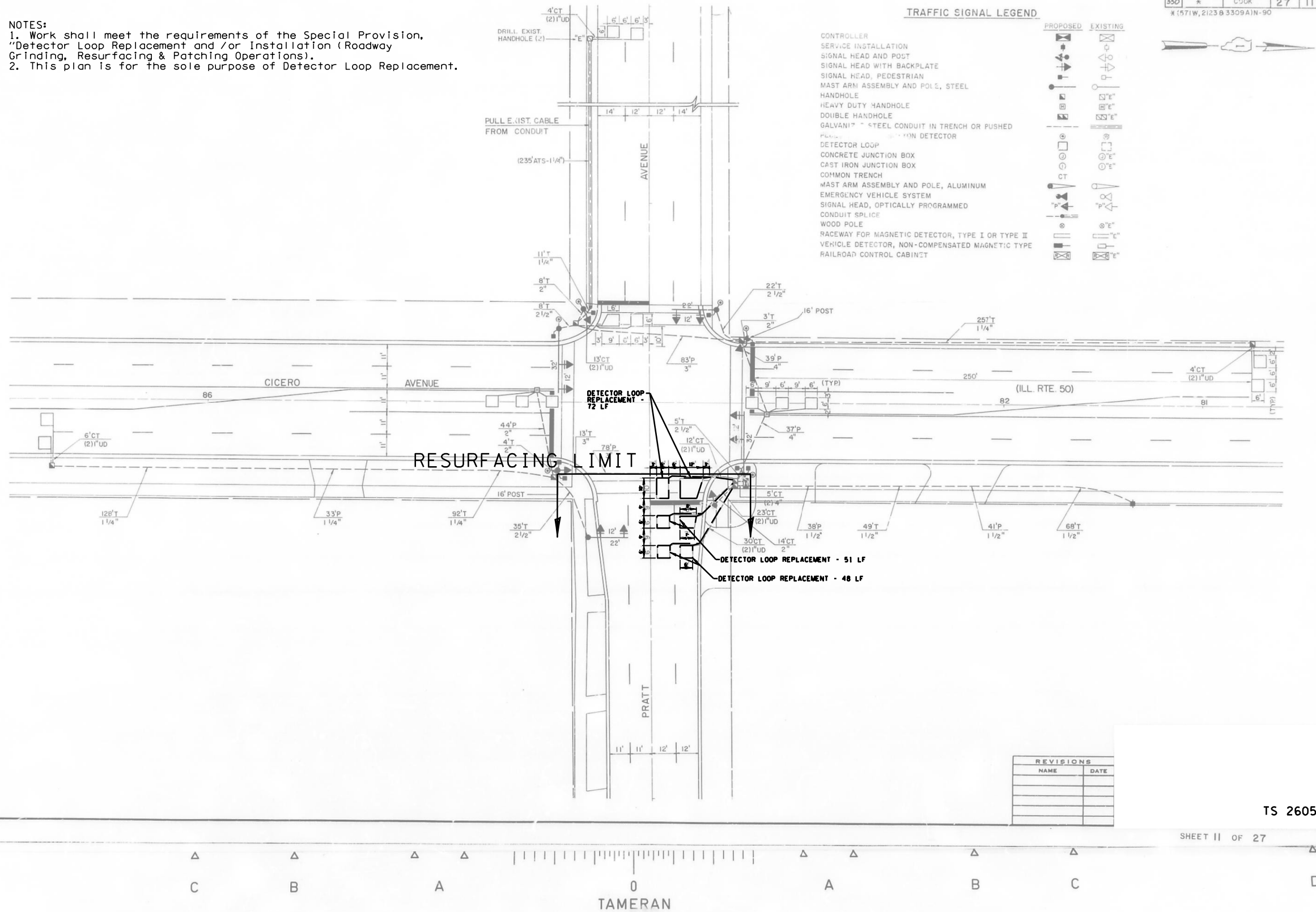


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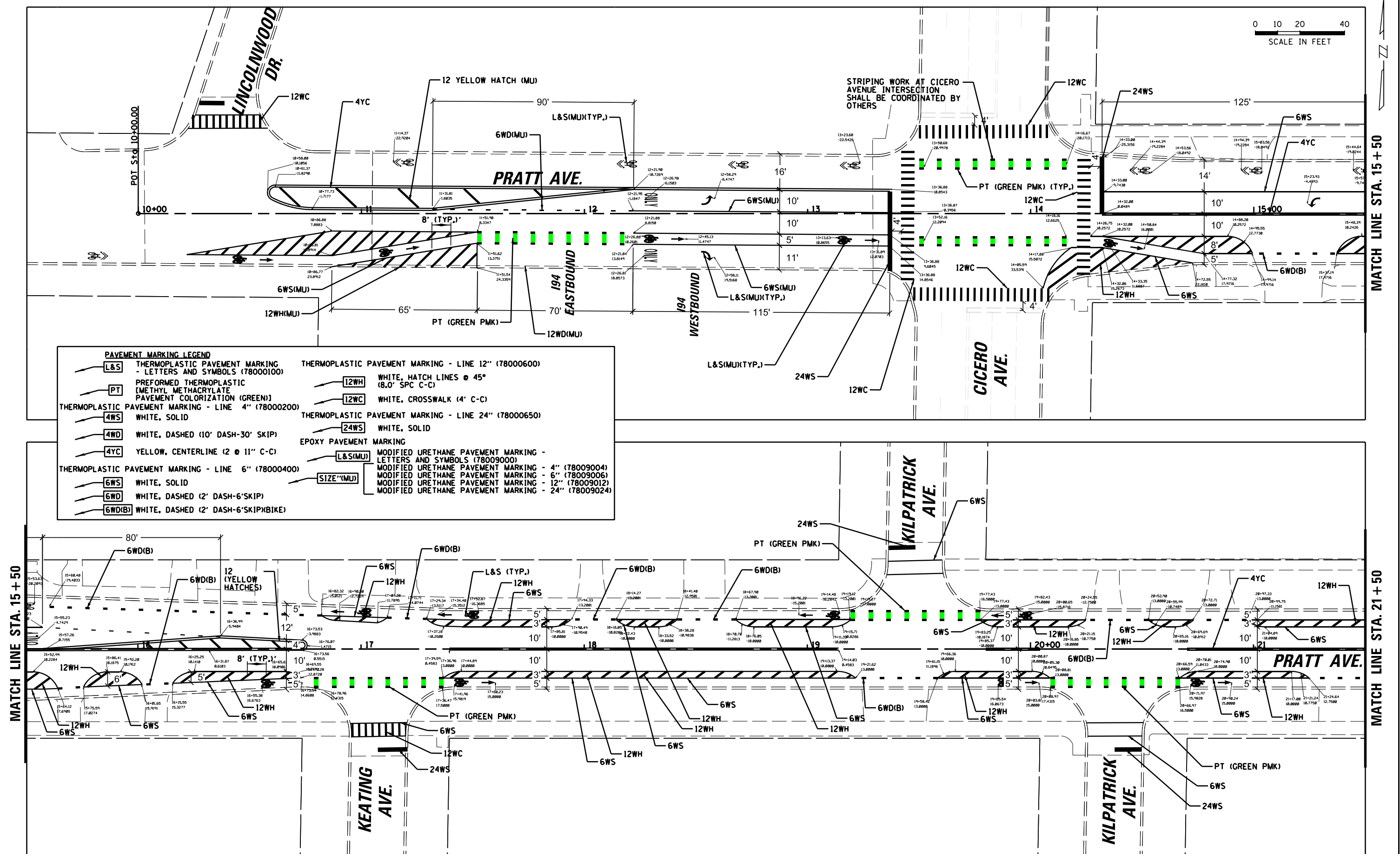
**DETECTOR LOOP REPLACEMENT PLAN
MCCORMICK BLVD. AT PRATT AVE.**

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61L6		
ILLINOIS FED. AID PROJECT				

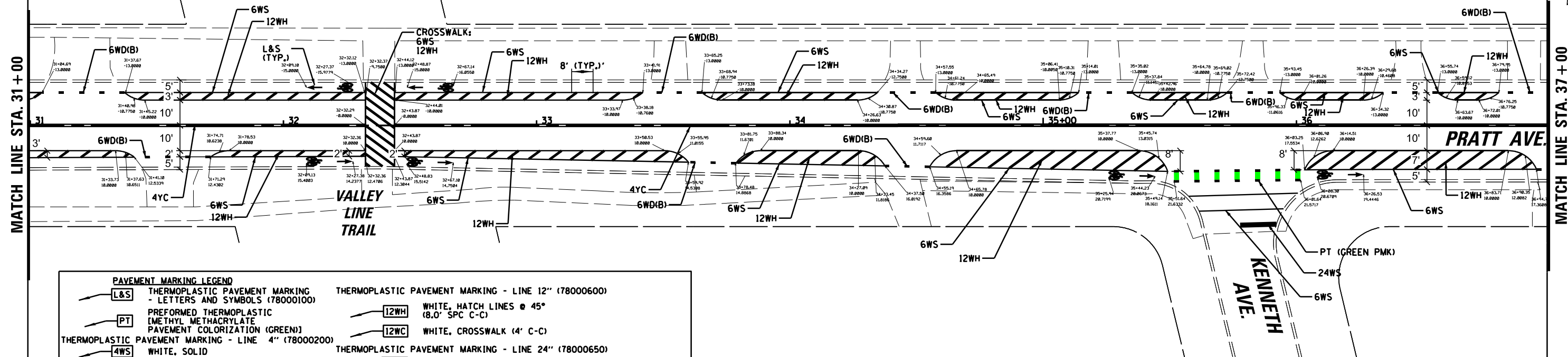
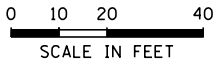
NOTES:
1. Work shall meet the requirements of the Special Provision, "Detector Loop Replacement and/or Installation (Roadway Grinding, Resurfacing & Patching Operations).
2. This plan is for the sole purpose of Detector Loop Replacement.



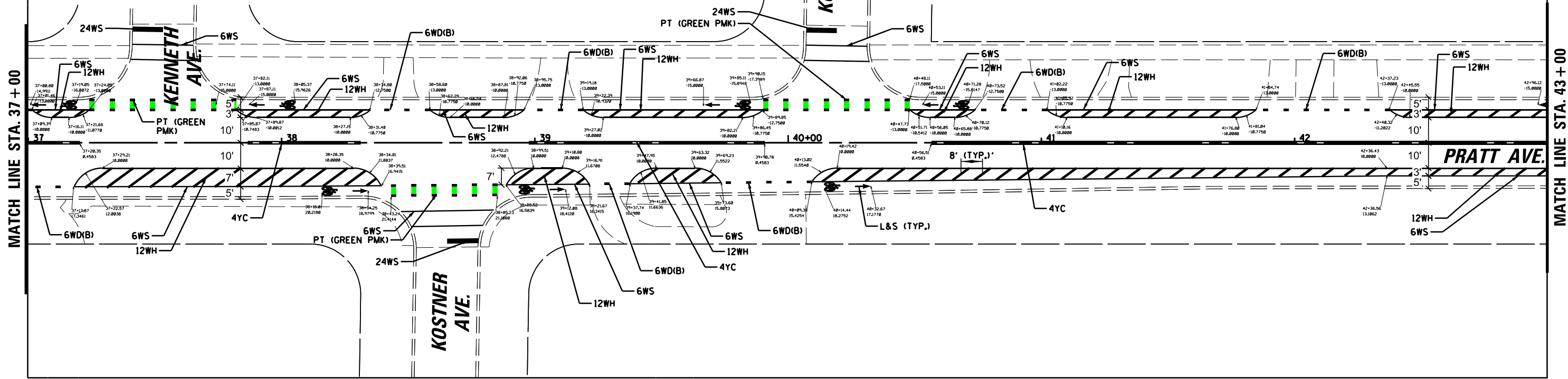
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	PLOT DATE = 7/25/2025	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				



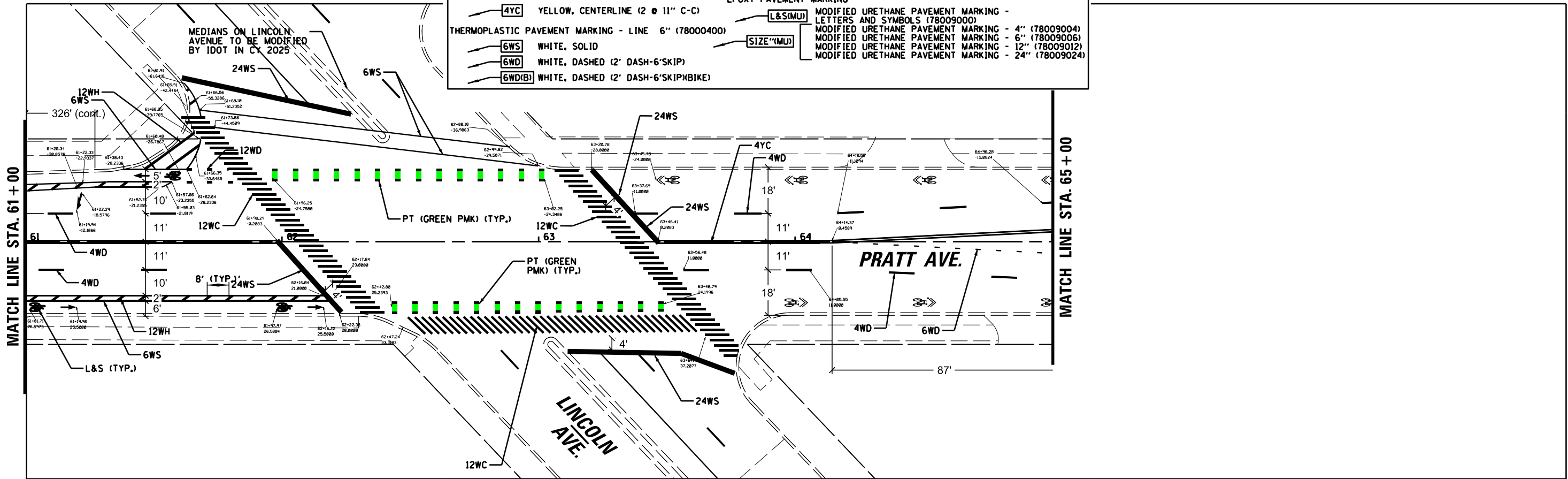
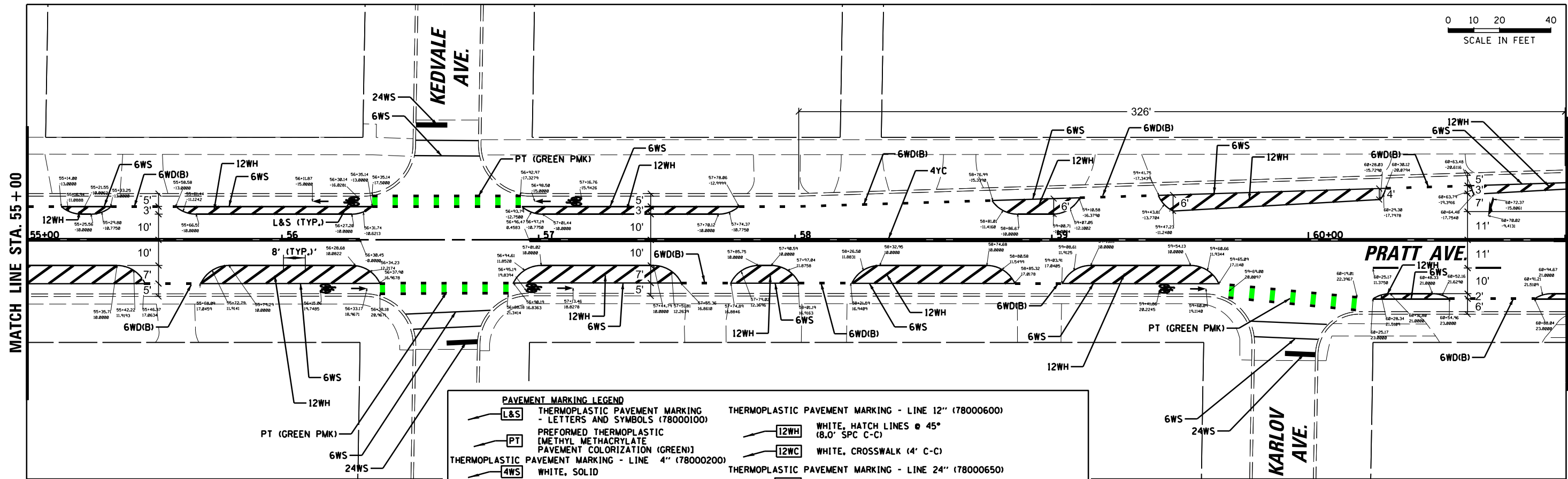
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PAVEMENT MARKING LEGEND	
L&S	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
PT	PREFORMED THERMOPLASTIC (METHYL METHACRYLATE) PAVEMENT COLORIZATION (GREEN)
4WS	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)
4WD	WHITE, SOLID
4YC	WHITE, DASHED (10' DASH-30' SKIP)
6WS	WHITE, SOLID
6WD	WHITE, DASHED (2' DASH-6'SKIP)
6WD(B)	WHITE, DASHED (2' DASH-6'SKIP)BIKE
12WH	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)
12WC	WHITE, HATCH LINES @ 45° (8.0' SPC C-C)
24WS	WHITE, CROSSWALK (4' C-C)
L&S(MU)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)
SIZE	WHITE, SOLID
L&S(MU)	EPOXY PAVEMENT MARKING
SIZE	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
L&S(MU)	MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
SIZE	MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
L&S(MU)	MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
SIZE	MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)

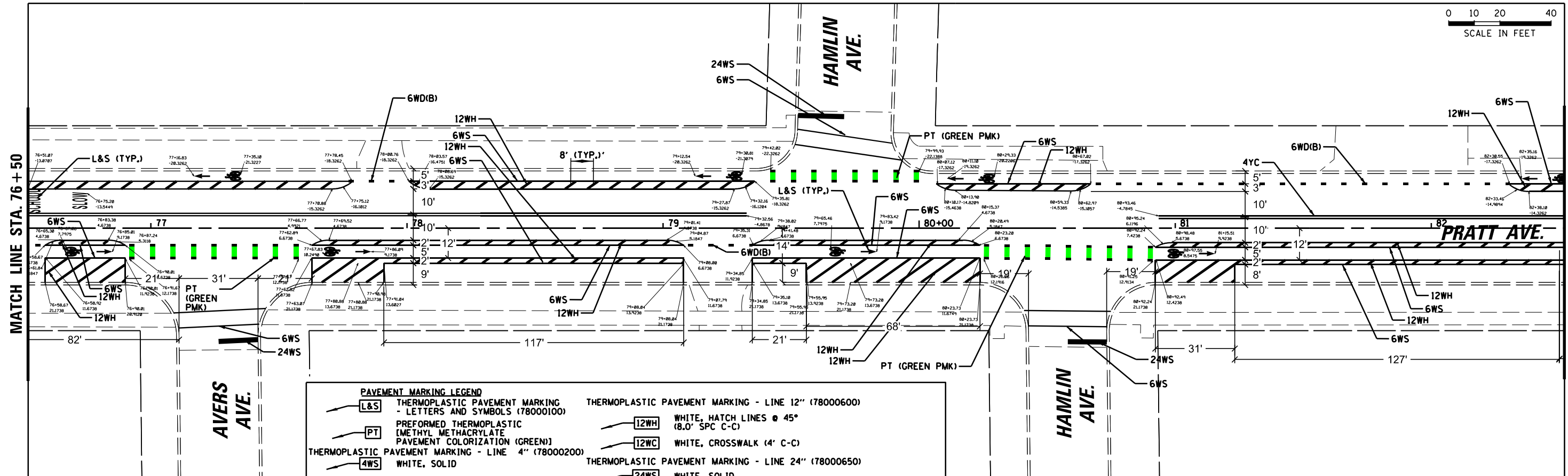


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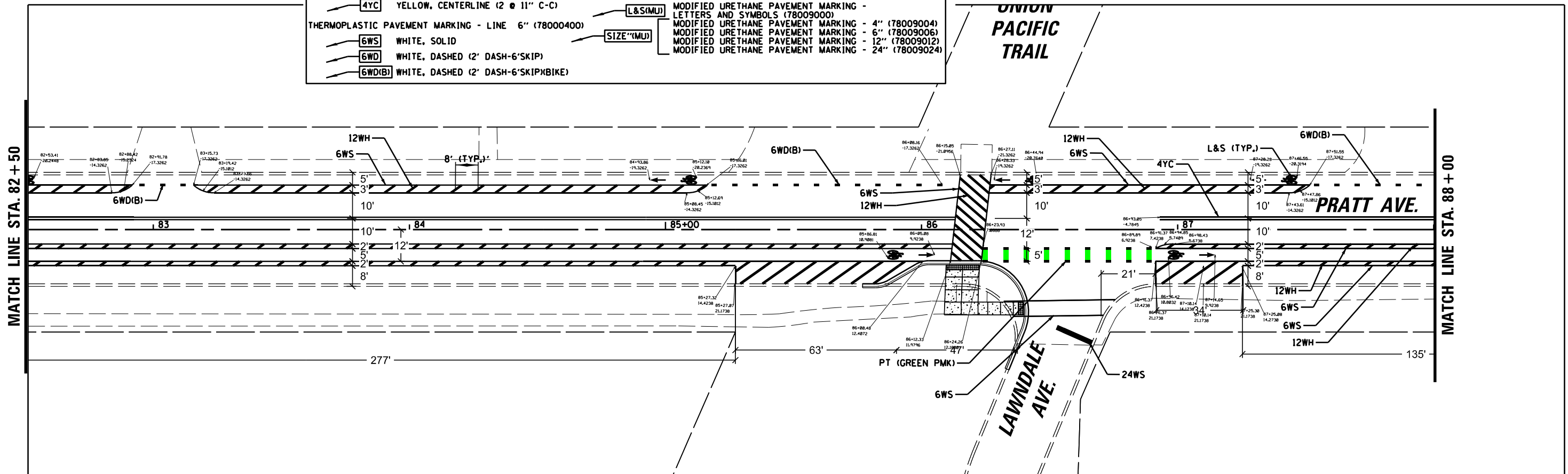
PAVEMENT MARKING LEGEND	
	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
	PREFORMED THERMOPLASTIC [METHYL METHACRYLATE PAVEMENT COLORIZATION (GREEN)]
THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)	
	WHITE, SOLID
	WHITE, DASHED (10' DASH-30' SKIP)
	YELLOW, CENTERLINE (2 @ 11" C-C)
THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400)	
	WHITE, SOLID
	WHITE, DASHED (2' DASH-6'SKIP)
	WHITE, DASHED (2' DASH-6'SKIP)BIKE
THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)	
	WHITE, HATCH LINES @ 45° (8.0' SPC C-C)
	WHITE, CROSSWALK (4' C-C)
THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)	
	WHITE, SOLID
EPOXY PAVEMENT MARKING	
	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
	MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
	MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
	MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
	MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)

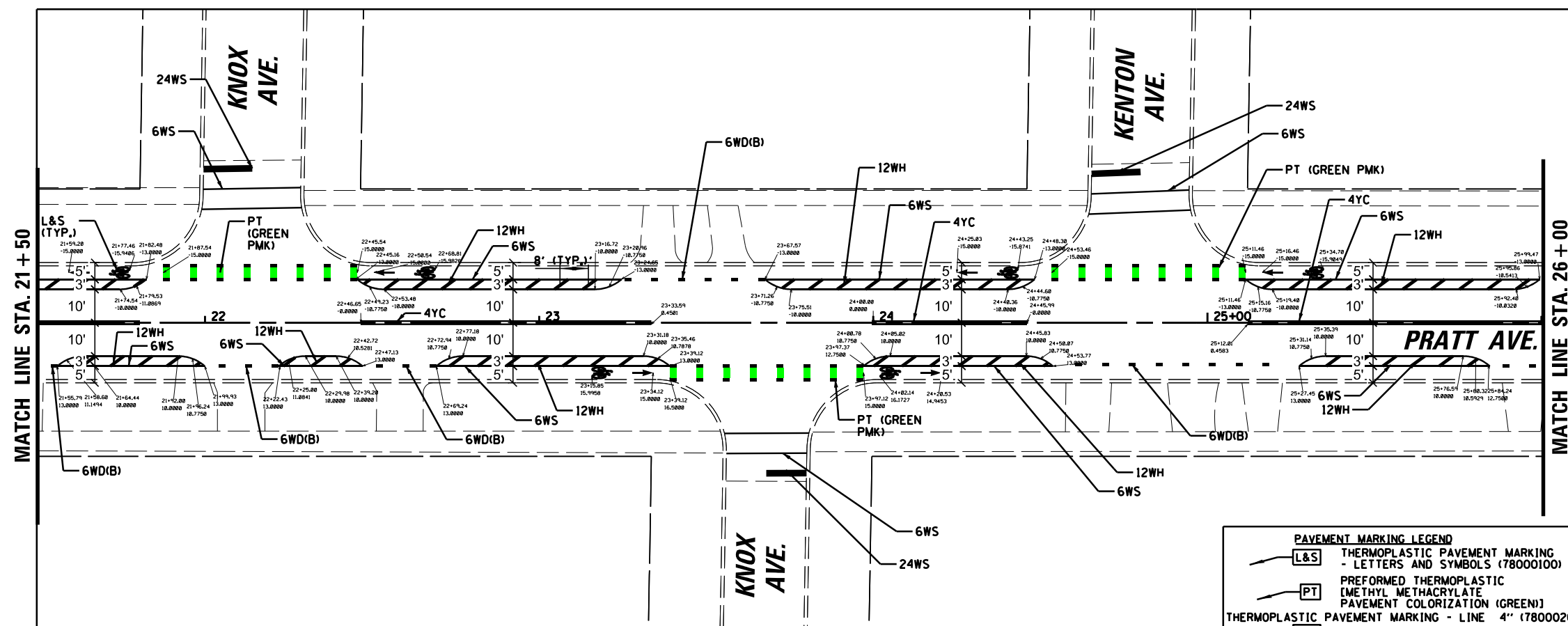
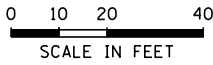
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	PLOT DATE : 7/11/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
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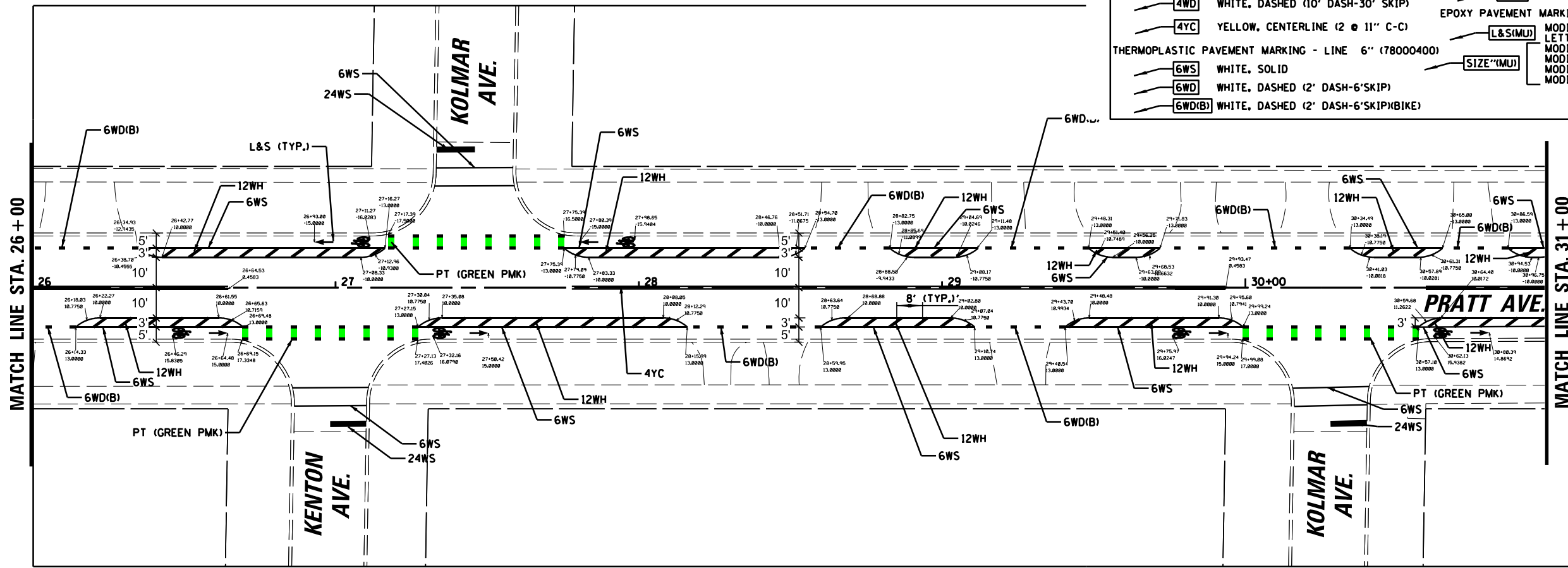
PAVEMENT MARKING LEGEND

L&S THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)	12WH WHITE, HATCH LINES @ 45° (8.0' SPC C-C)
PT PREFORMED THERMOPLASTIC [METHYL METHACRYLATE PAVEMENT COLORIZATION (GREEN)]	12WC WHITE, CROSSWALK (4' C-C)
4WS THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) WHITE, SOLID	24WS THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650) WHITE, SOLID
4WD WHITE, DASHED (10' DASH-30' SKIP)	L&S(MU) EPOXY PAVEMENT MARKING - MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
4YC YELLOW, CENTERLINE (2 @ 11" C-C)	SIZE 1/4 MU MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
6WS THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400) WHITE, SOLID	6WS MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
6WD WHITE, DASHED (2' DASH-6'SKIP)	6WD MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
6WD(B) WHITE, DASHED (2' DASH-6'SKIP)(BIKE)	6WD(B) MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)

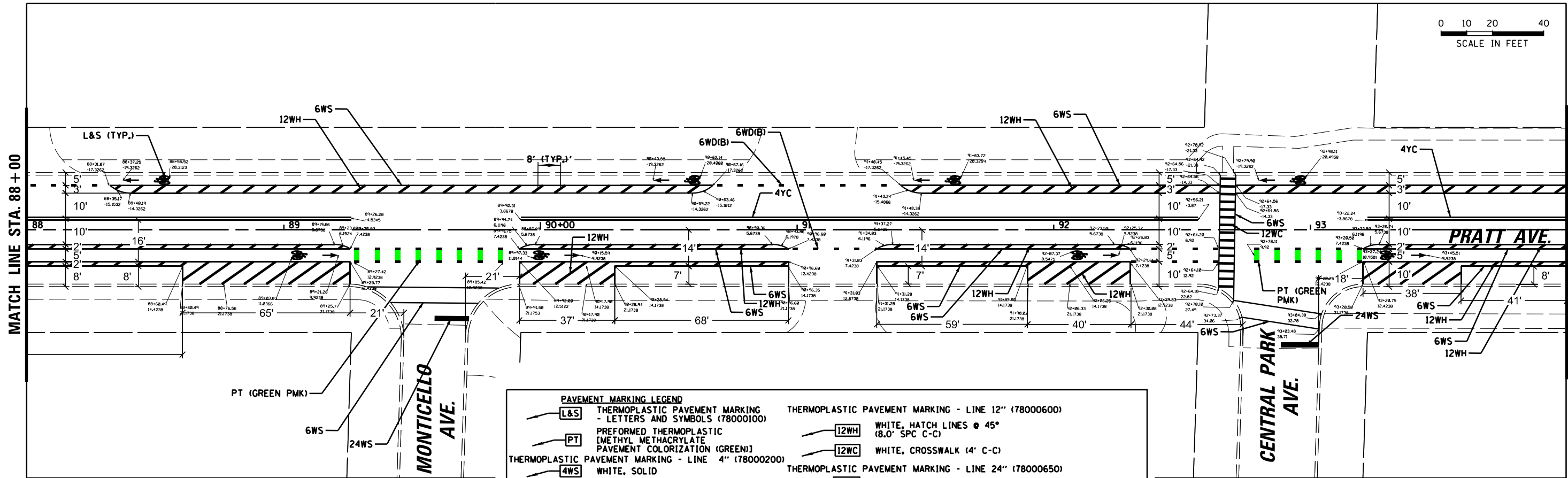




PAVEMENT MARKING LEGEND	
L&S (TYP.)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
PT	PREFORMED THERMOPLASTIC (METHYL METHACRYLATE PAVEMENT COLORIZATION (GREEN))
4WS	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) WHITE, SOLID
4WD	WHITE, DASHED (10' DASH-30' SKIP)
4YC	YELLOW, CENTERLINE (2 @ 11" C-C)
6WS	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400) WHITE, SOLID
6WD	WHITE, DASHED (2' DASH-6'SKIP)
6WD(B)	WHITE, DASHED (2' DASH-6'SKIP)(BIKE)
12WH	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) WHITE, HATCH LINES @ 45° (8.0' SPC C-C)
12WC	WHITE, CROSSWALK (4' C-C)
24WS	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650) WHITE, SOLID
L&S(MU)	EPOXY PAVEMENT MARKING MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
SIZE"MU	MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
	MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
	MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
	MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)

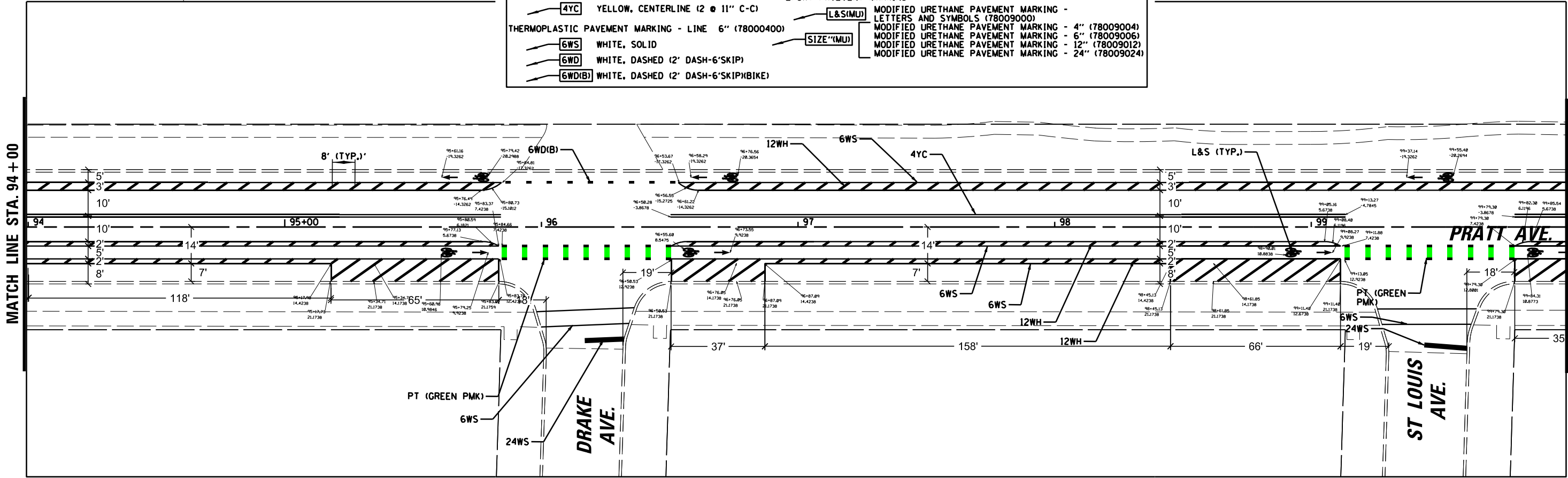


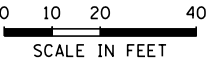
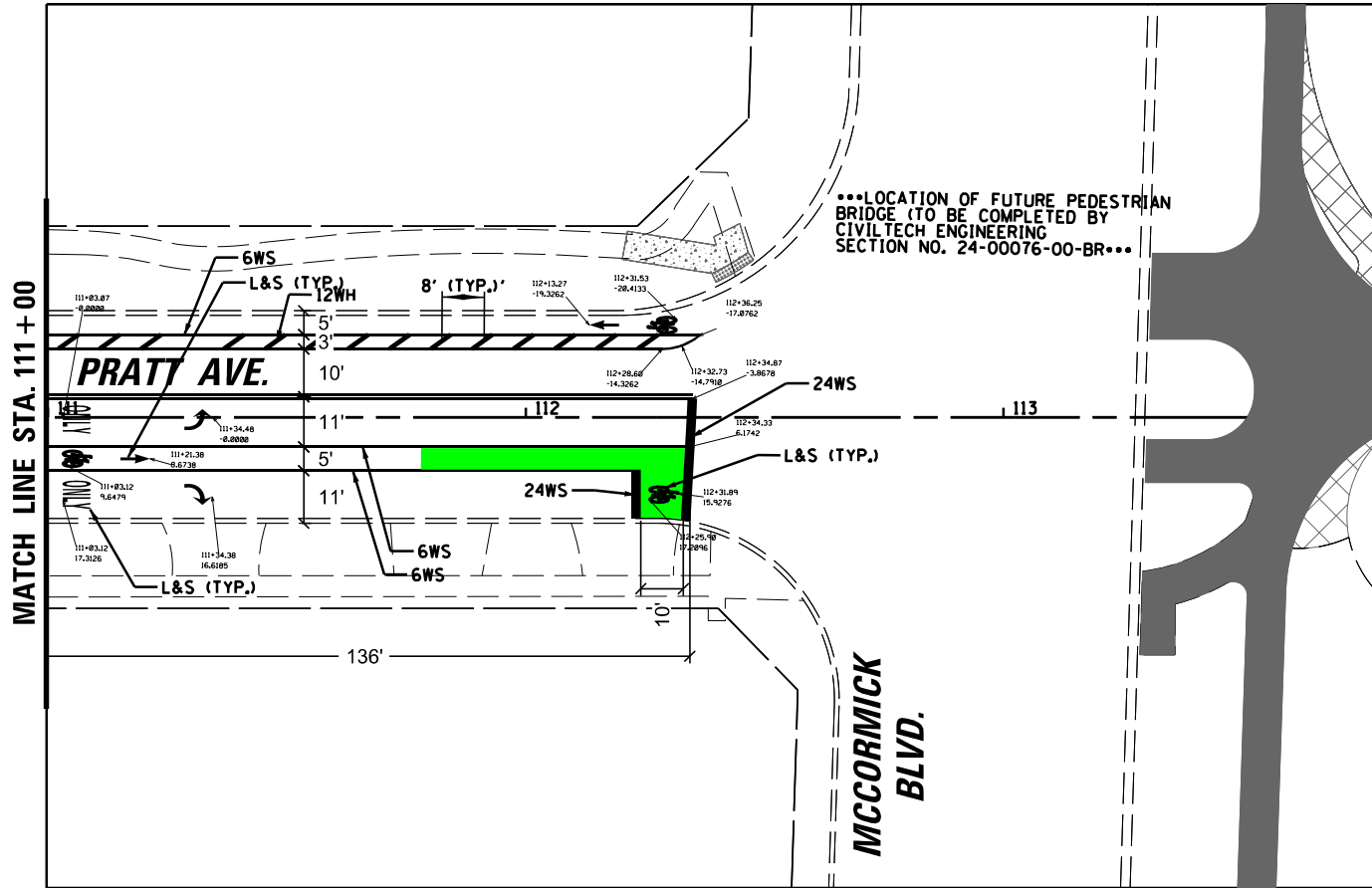
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		DRAWN -	REVISED -						1353	21-00072-00-BT	COOK	69	38
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	PLOT DATE : 7/11/2025	DATE -	REVISED -		SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50	ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

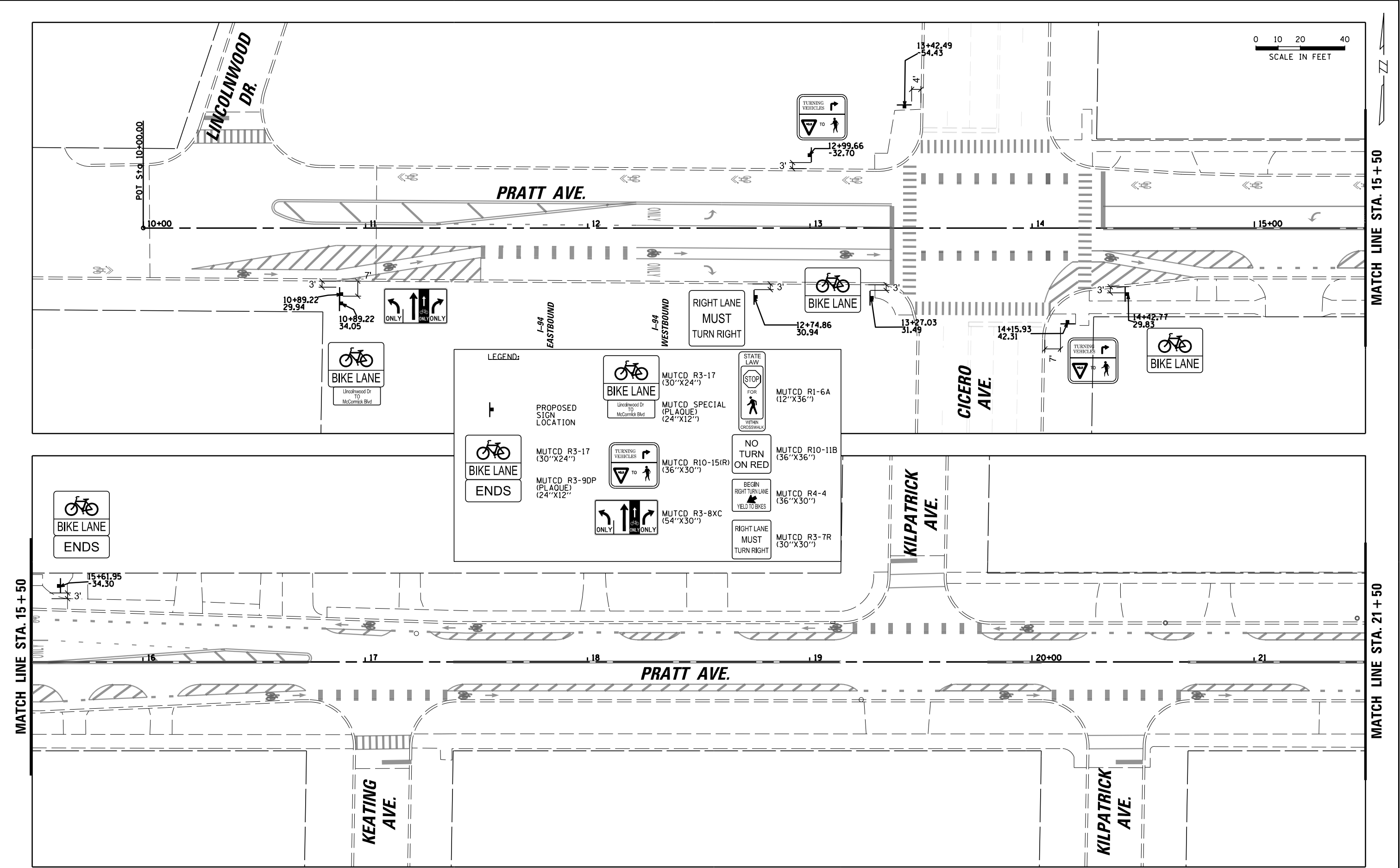
L&S	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)	12WH	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)
PT	PREFORMED THERMOPLASTIC (METHYL METHACRYLATE) PAVEMENT COLORIZATION (GREEN)	12WC	WHITE, CROSSWALK (4' C-C)
4WS	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)	24WS	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)
4WD	WHITE, SOLID	L&S(MU)	EPOXY PAVEMENT MARKING
4YC	WHITE, DASHED (10' DASH-30' SKIP)	SIZE(MU)	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
6WS	YELLOW, CENTERLINE (2 @ 11" C-C)		MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
6WD	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400)		MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
6WD(B)	WHITE, SOLID		MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
	WHITE, DASHED (2' DASH-6' SKIP)		MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)
	WHITE, DASHED (2' DASH-6' SKIP)(BIKE)		



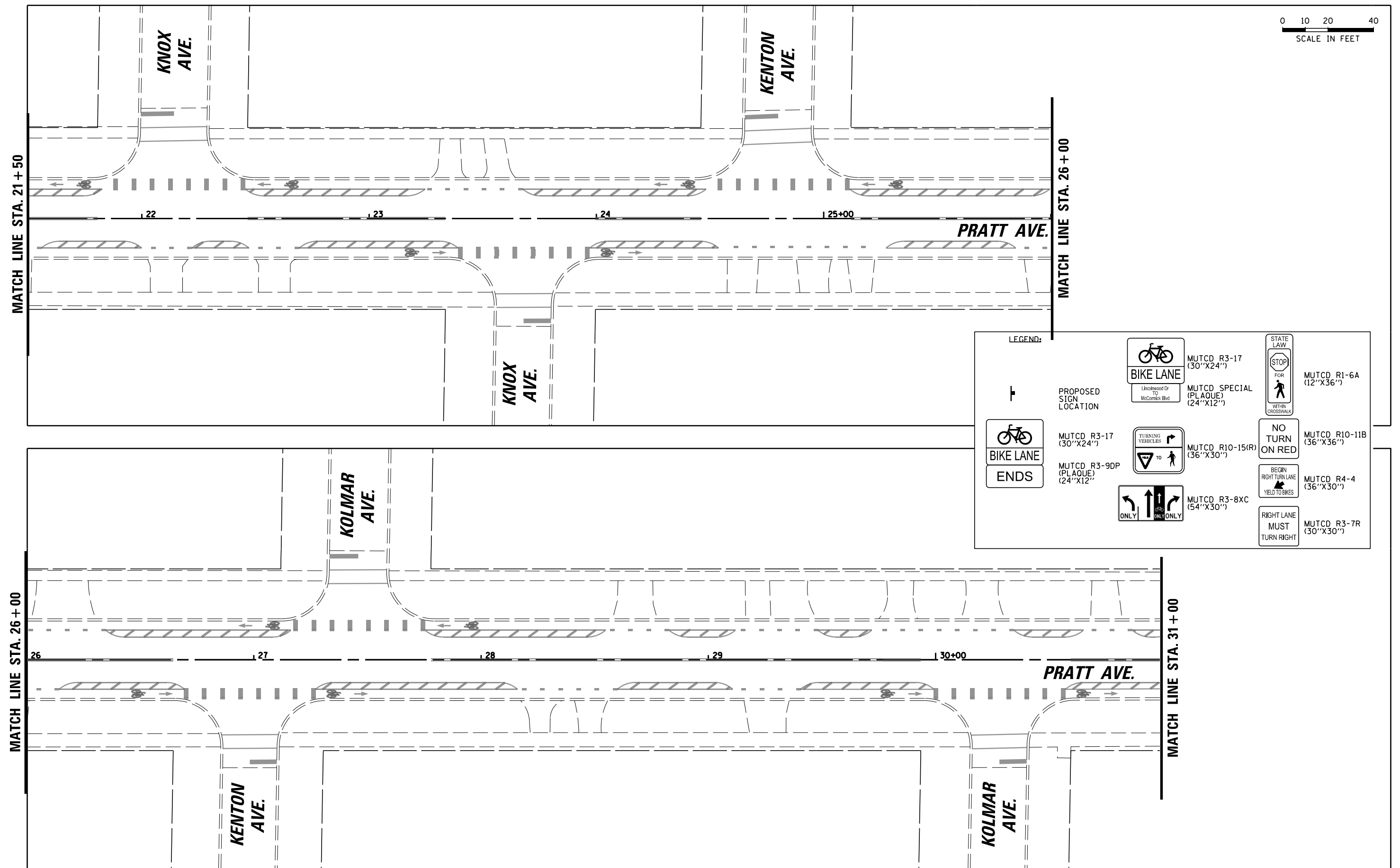


PAVEMENT MARKING LEGEND	
L&S	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)
PT	PREFORMED THERMOPLASTIC (METHYL METHACRYLATE PAVEMENT COLORIZATION (GREEN))
4WS	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200)
4WD	WHITE, SOLID
4YC	WHITE, DASHED (10' DASH-30' SKIP)
4YC	YELLOW, CENTERLINE (2 @ 11" C-C)
6WS	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (78000400)
6WD	WHITE, SOLID
6WD(B)	WHITE, DASHED (2' DASH-6'SKIP)
6WD(B)	WHITE, DASHED (2' DASH-6'SKIP)(BIKE)
12WH	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600)
12WC	WHITE, HATCH LINES @ 45° (8.0' SPC C-C)
12WC	WHITE, CROSSWALK (4' C-C)
24WS	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (78000650)
24WS	WHITE, SOLID
EPOXY PAVEMENT MARKING	
L&S(MU)	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (78009000)
SIZE(MU)	MODIFIED URETHANE PAVEMENT MARKING - 4" (78009004)
SIZE(MU)	MODIFIED URETHANE PAVEMENT MARKING - 6" (78009006)
SIZE(MU)	MODIFIED URETHANE PAVEMENT MARKING - 12" (78009012)
SIZE(MU)	MODIFIED URETHANE PAVEMENT MARKING - 24" (78009024)

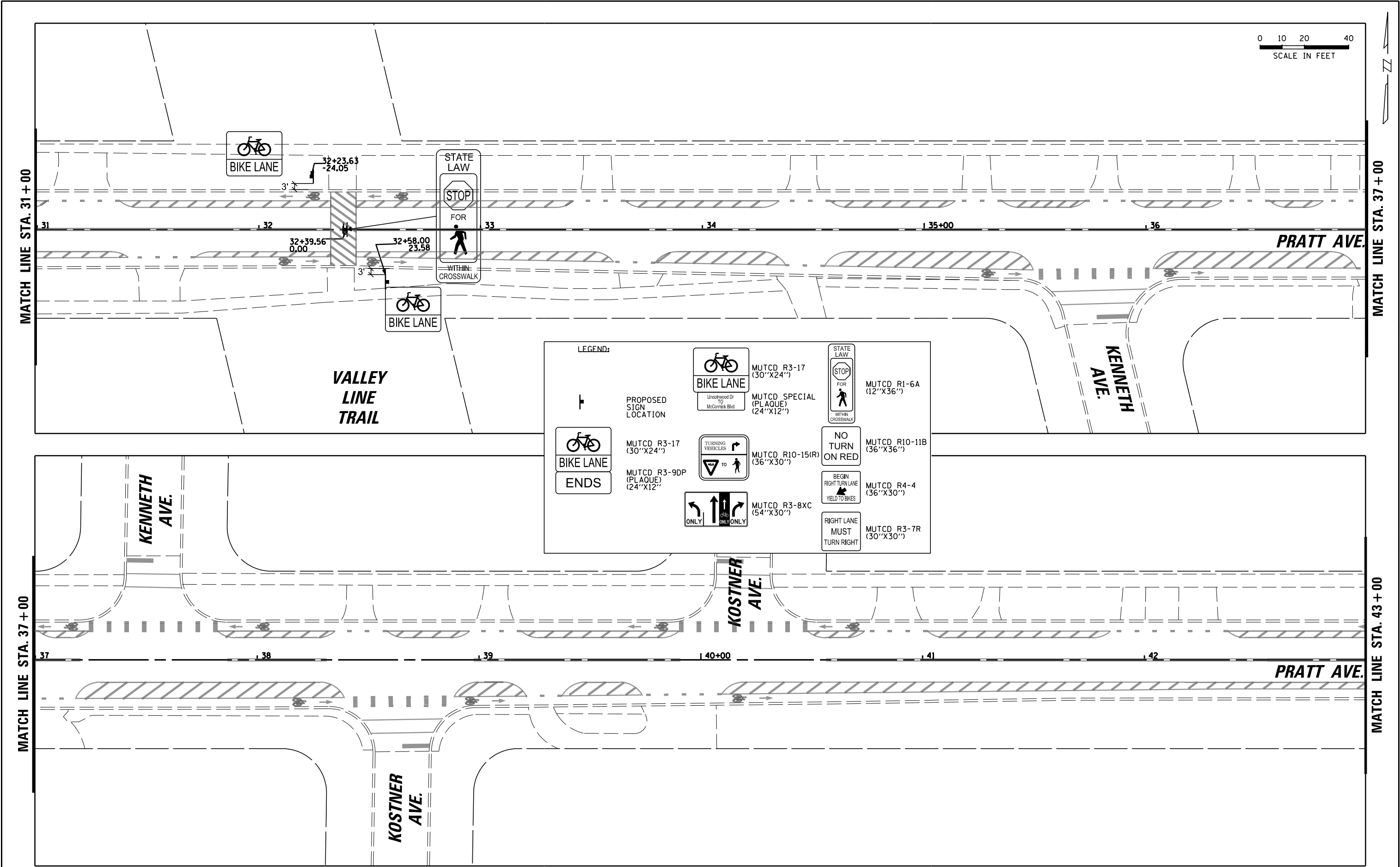
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N:\INCOL\N000\140898\02482\Civil\PMK184\140898_02482.sht		DRAWN -	REVISED -				1353	21-00072-00-BT	COOK	69	46
Default		PLOT SCALE : 48"	CHECKED -				CONTRACT NO. 61L68				
		PLOT DATE : 7/11/2025	DATE -		SCALE: *SCALE*	SHEET OF SHEETS	STA. 10+00	TO STA. 120+50	ILLINOIS FED. AID PROJECT		



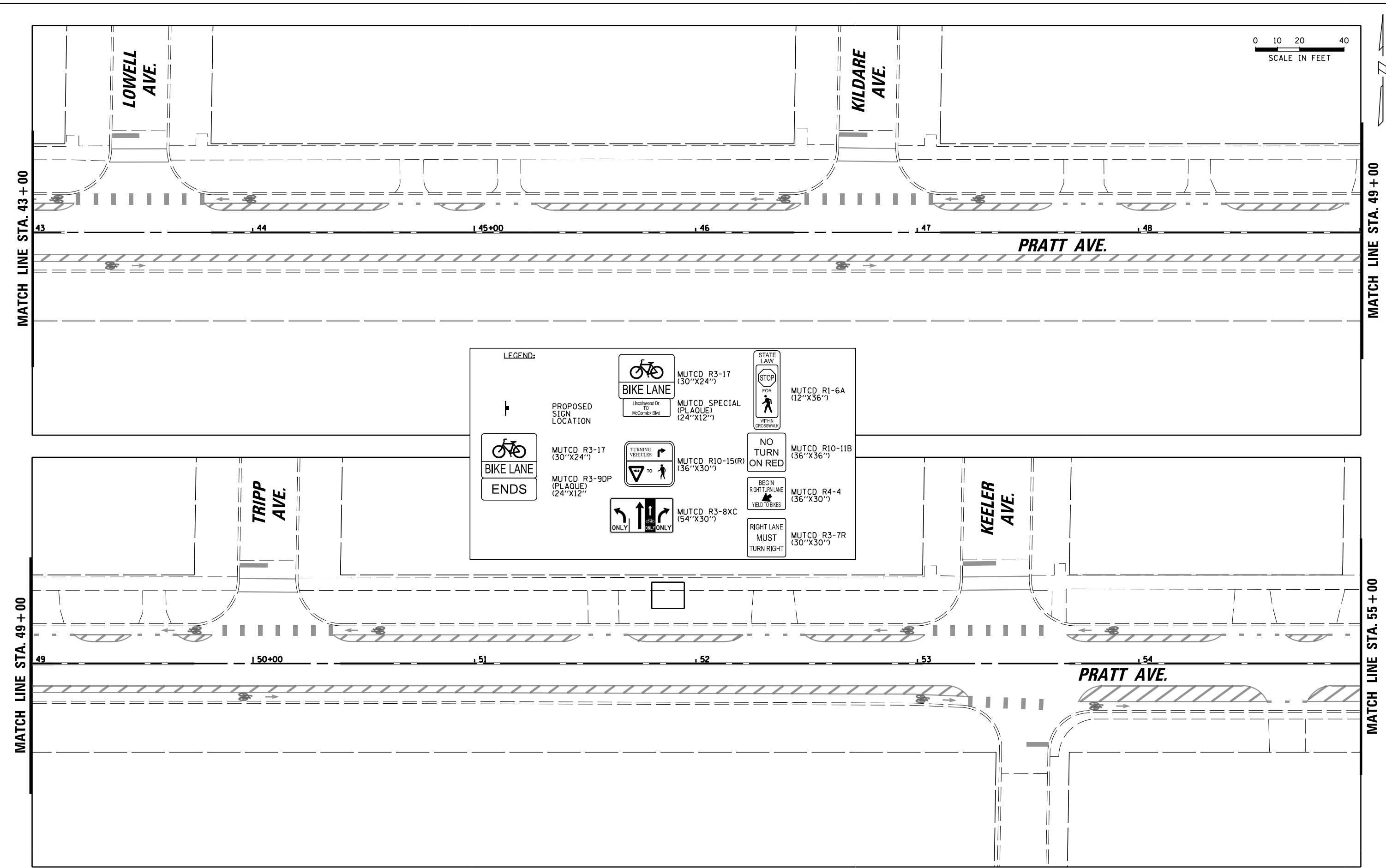
FILE NAME : N:\LINCOLNWOOD\140898\02482\Civil\SGN014_140898_02482.sht Default	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -	1353						21-00072-00-BT	COOK	69	47		
	PLOT SCALE = 48"	CHECKED -	REVISED -		CONTRACT NO. 61L68									
	PLOT DATE = 7/29/2025	DATE -	REVISED -						SCALE: *SCALE*		SHEET	OF	SHEETS	STA. 10+00

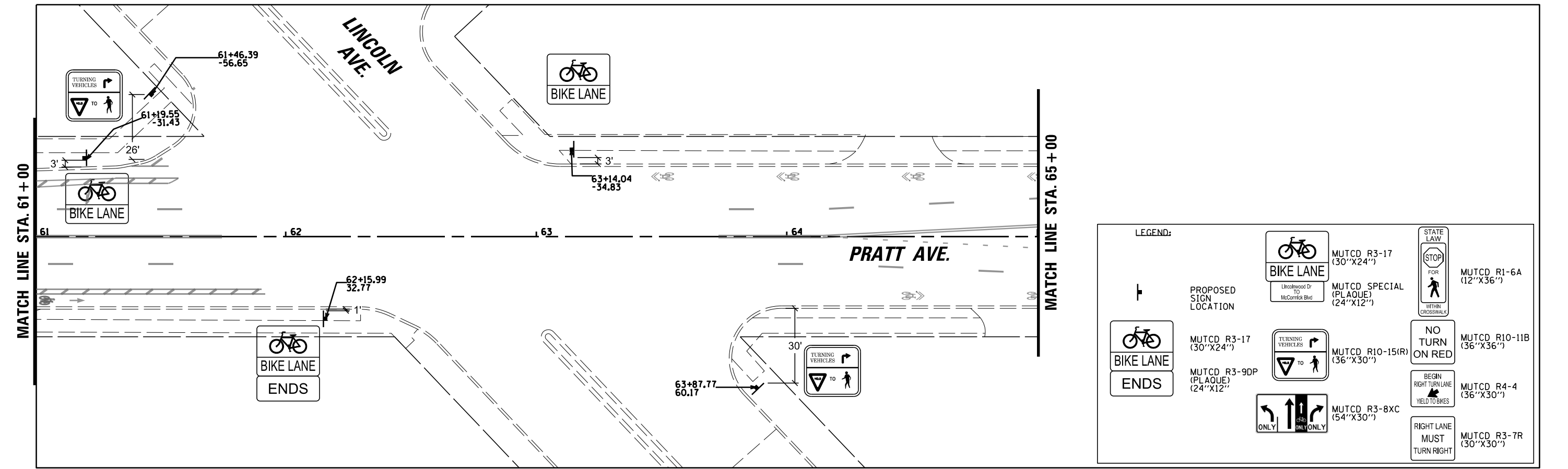
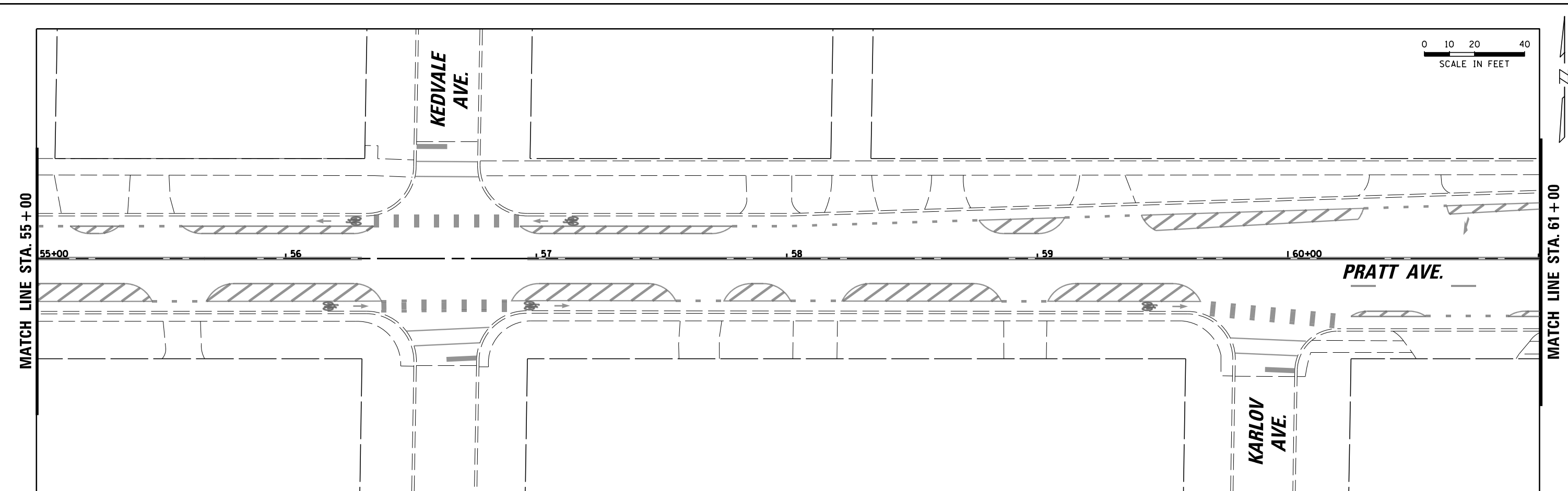


FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\IL\COLWOOD\140098\02402\Civil\SGN02h_140098_02402.sht		DRAWN -	REVISED -			1353	21-00072-00-BT	COOK	69	48	
	PLOT SCALE : 40'	CHECKED -	REVISED -			CONTRACT NO. 61L68					
Default	PLOT DATE : 7/29/2025	DATE -	REVISED -			SCALE: *SCALE*	SHEET OF SHEETS	STA. 10+00 TO STA. 120+50	ILLINOIS FED. AID PROJECT		



FILE NAME :	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\IN\COLNW000\140090\02402\Civil\SIGN\30_140090_02402.sht	DRAWN -	REVISED -	1353			21-00072-00-BT	COOK	69	49		
PLOT SCALE = 48"	CHECKED -	REVISED -	CONTRACT NO. 61L68								
Default	PLOT DATE = 7/29/2025	DATE -	REVISED -			SCALE: *SCALE*		SHEET OF SHEETS	STA. 10+00 TO STA. 120+50	ILLINOIS FED. AID PROJECT	





LEGEND:

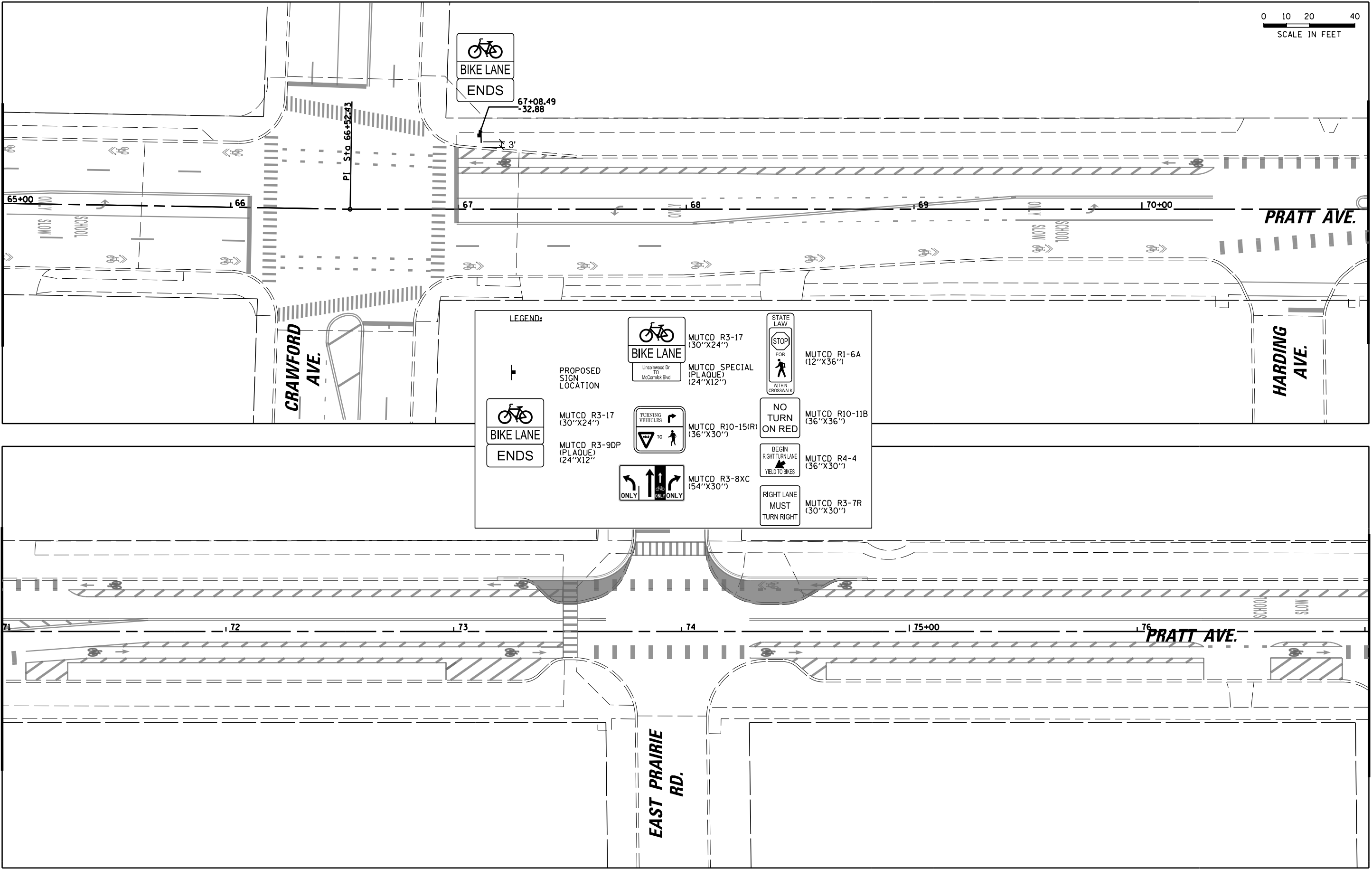
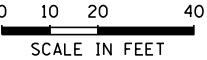
	MUTCD R3-17 (30"X24")		MUTCD R1-6A (12"X36")
	MUTCD R3-9DP (PLAQUE) (24"X12")		MUTCD R10-11B (36"X36")
	MUTCD R10-15(R) (36"X30")		MUTCD R4-4 (36"X30")
	MUTCD R3-8XC (54"X30")		MUTCD R3-7R (30"X30")

MATCH LINE STA. 65 + 00

MATCH LINE STA. 71 + 00

MATCH LINE STA. 71 + 00

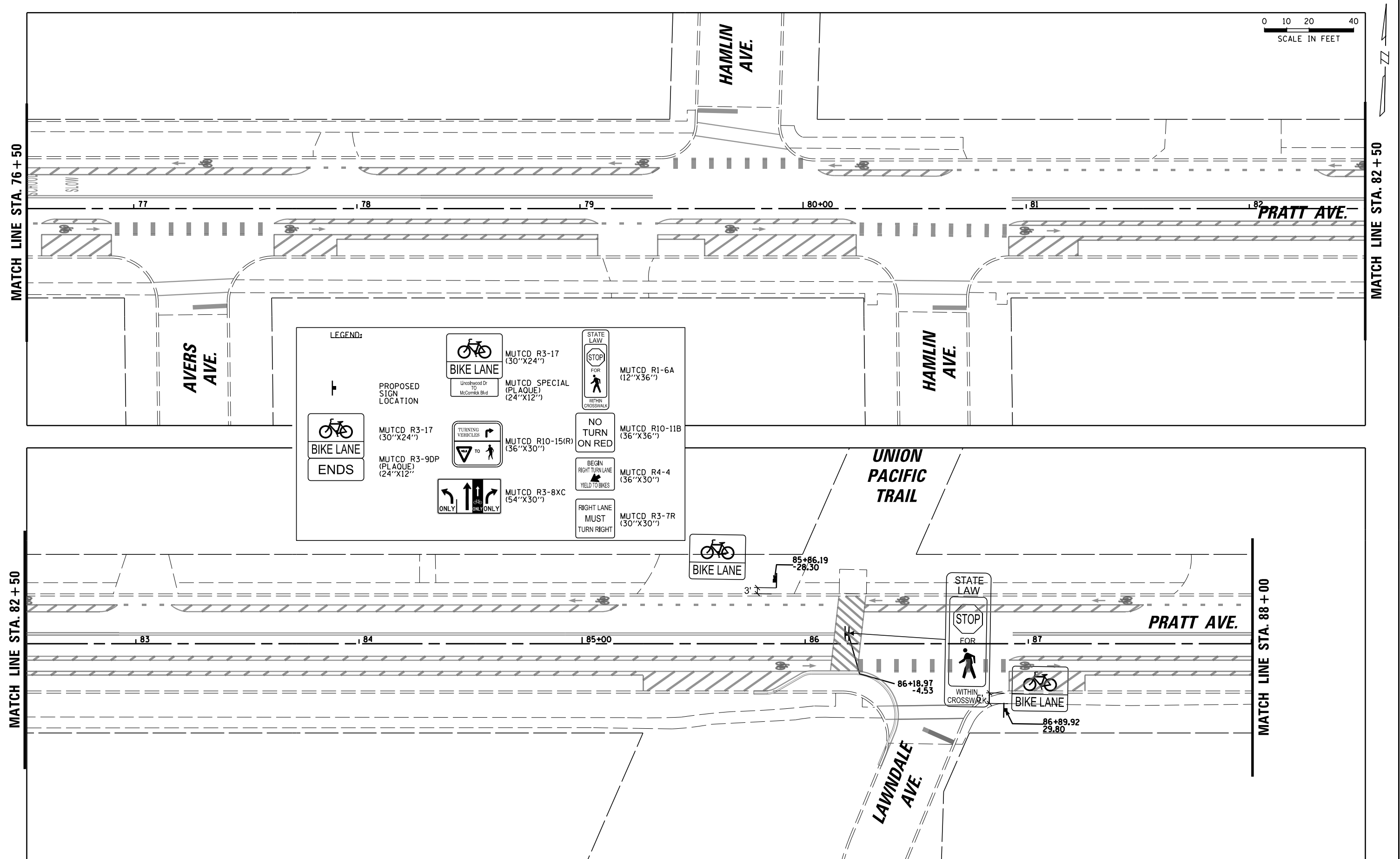
MATCH LINE STA. 76 + 50



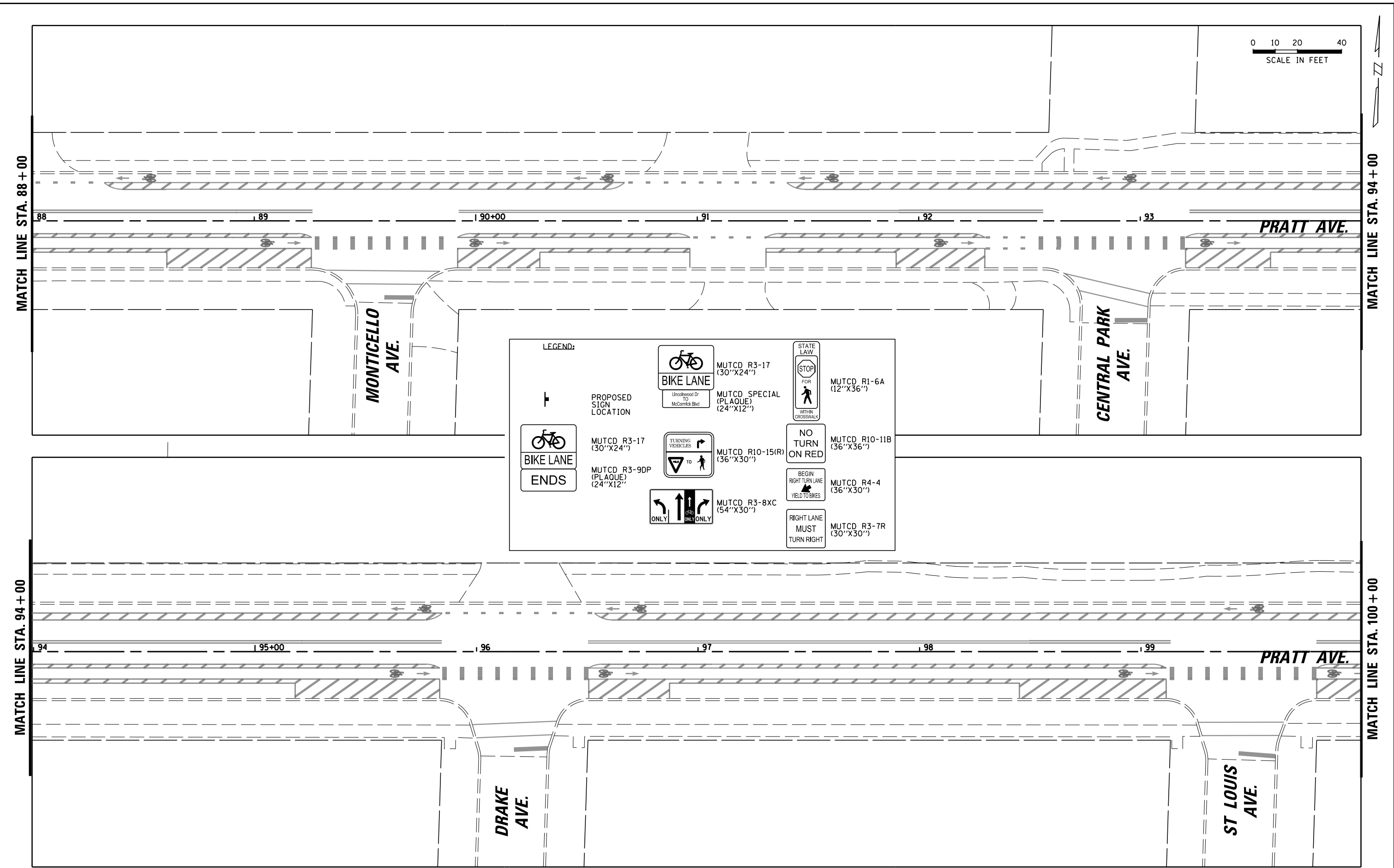
LEGEND:

	PROPOSED SIGN LOCATION		MUTCD R3-17 (30"x24")		MUTCD R1-6A (12"x36")
			MUTCD SPECIAL (PLAQUE) (24"x12")		
			MUTCD R10-15(R) (36"x30")		MUTCD R10-11B (36"x36")
			MUTCD R3-8XC (54"x30")		MUTCD R4-4 (36"x30")
					MUTCD R3-7R (30"x30")

FILE NAME : N:\INCOL\W000\140898\02482\Civil\SIGN\66\140898_02482.sht Default	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					1353	21-00072-00-BT	COOK	69	52
		PLOT SCALE : 48"	REVISED -					CONTRACT NO. 61L68				
	PLOT DATE : 7/29/2025	DATE -	REVISED -		SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50	ILLINOIS FED. AID PROJECT	

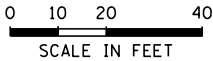
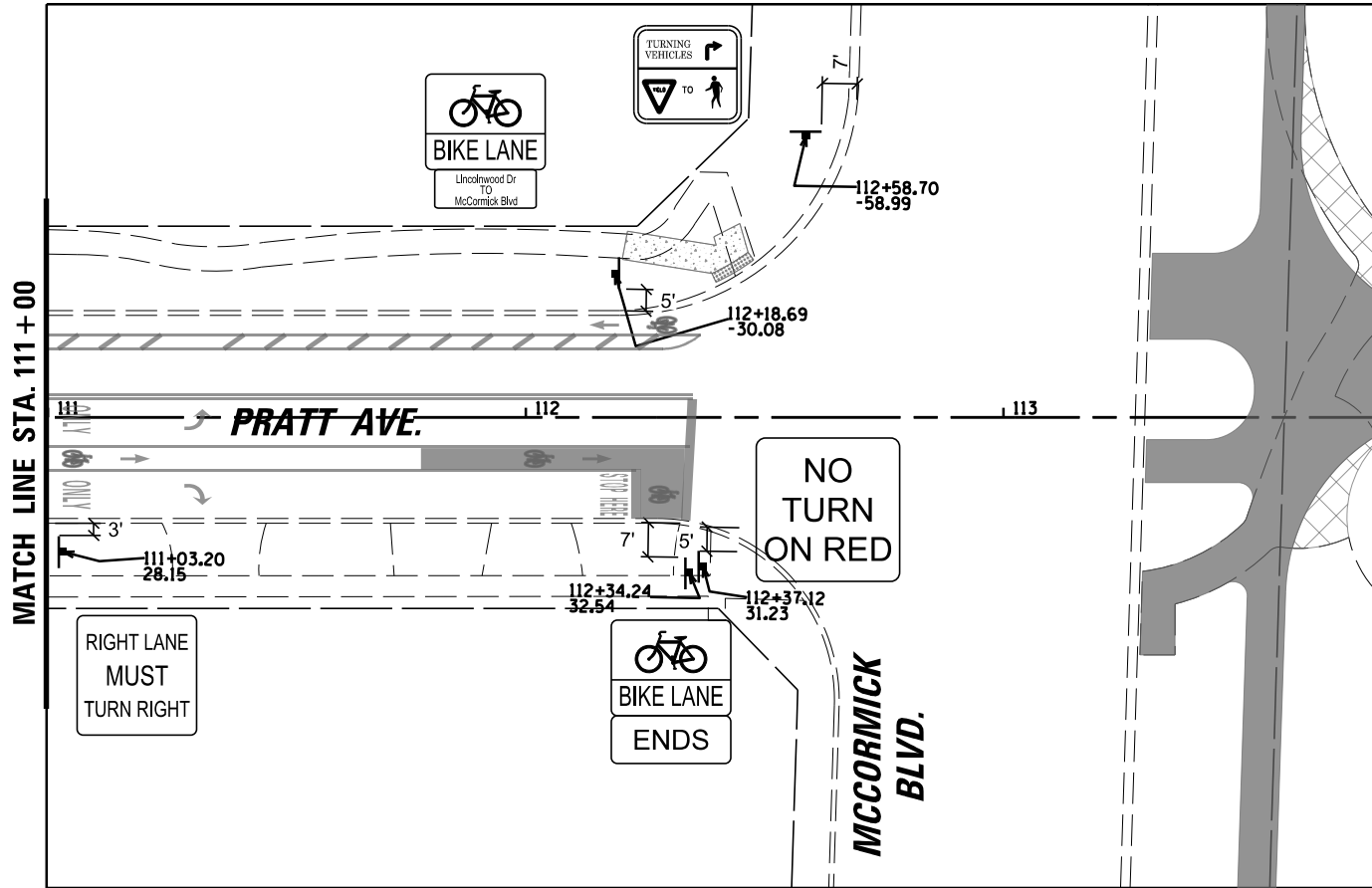


FILE NAME :	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\02402\Civil\SGN07A_140090_02402.sht		DRAWN -	REVISED -		1353	21-00072-00-BT		COOK	69	53				
PLOT SCALE : 48"		CHECKED -	REVISED -							CONTRACT NO. 61L68				
Default	PLOT DATE : 7/29/2025	DATE -	REVISED -		SCALE: *SCALE*	SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50	ILLINOIS FED. AID PROJECT			





FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\N\INCOLN\WOOD\140898\024022\Civil\SC0898_140898_024022.sht		DRAWN -	REVISED -		1353	21-00072-00-BT	COOK	69	55				
	PLOT SCALE = 48"	CHECKED -	REVISED -		CONTRACT NO. 61L68								
Default	PLOT DATE = 7/29/2025	DATE -	REVISED -		SCALE: *SCALE*	SHEET OF	SHEETS	STA. 10+00 TO STA. 120+50	ILLINOIS FED. AID PROJECT				



LEGEND:

	PROPOSED SIGN LOCATION		MUTCD R3-17 (30"x24")		MUTCD R1-6A (12"x36")
	MUTCD R3-17 (30"x24") MUTCD R3-9DP (PLAQUE) (24"x12")		MUTCD SPECIAL (PLAQUE) (24"x12")		MUTCD R10-11B (36"x36")
	MUTCD R10-15(R) (36"x30")		MUTCD R10-15(R) (36"x30")		MUTCD R4-4 (36"x30")
	MUTCD R3-8XC (54"x30")		MUTCD R3-8XC (54"x30")		MUTCD R3-7R (30"x30")

FILE NAME : N:\INCOL\WOOD\140090\02402\Civil\SGN10\140090_02402.sht Default	USER NAME : jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRATT AVENUE BIKE LANES PROJECT PROPOSED SIGNAGE PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						1353	21-00072-00-BT	COOK	69	56
	PLOT SCALE : 48"	CHECKED -	REVISED -		CONTRACT NO. 61L68								
	PLOT DATE : 7/29/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE: *SCALE*		SHEET	OF	SHEETS	STA. 10+00	TO STA. 120+50			

VILLAGE OF LINCOLNWOOD PRATT AVENUE - SIGN INVENTORY								SIGN PANEL, TYPE 1	TELESCOPING STEEL SIGN SUPPORT	METAL POST - TYPE A
Calced By: JEH										
Checked by: DJD										
SIGN TYPE	MUTCD #	DIMENSIONS	AREA (SF)	SIGN COLOR	LOCATION (STATION)	LOCATION (OFFSET [+/-])	CONTRACT PAY ITEMS			
BIKE LANE	R3-17	30"X24"	5.00	Black on White	15+61.95	-34.3	X	X	X	
ENDS	R3-9dP	24"X12"	2.00	Black on White			X			
BIKE LANE	R3-17	30"X24"	5.00	Black on White	10+89.22	29.94	X	X	X	
LINCOLNWOOD DR. TO MCCORMICK BLVD.	SPECIAL	24"X12"	1.00	Black on White			X			
ADVANCE INTERSECTION LANE CONTROL WITH BIKE LANE	R3-8XC	54"X30"	11.25	Black & White on White & Black	10+89.28	34.05	X	X	X	
RIGHT LANE MUST TURN RIGHT	R3-7R	30"X30"	6.25	Black on White	12+74.86	30.94	X	X	X	
RIGHT-TURNING VEHICLES YIELD TO BICYCLISTS AND PEDESTRIANS	R10-15 (R)	36"X36"	9.00	Red & Black on Yellow & White	13+31.41	-32.75	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	13+27.03	31.49	X	X	X	
RIGHT-TURNING VEHICLES YIELD TO BICYCLISTS AND PEDESTRIANS	R10-15 (R)	36"X36"	9.00	Red & Black on Yellow & White	14+15.93	42.31	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	14+42.77	29.83	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	32+23.63	-24.05	X	X	X	
STATE LAW - STOP FOR PEDESTRIANS WITHIN CROSSWALK	R1-6A	12"X36"	3.00	Red & Black on Yellow & White	32+39.56	0.00	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	32+58.00	23.58	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	61+19.55	-31.43	X	X	X	
RIGHT-TURNING VEHICLES YIELD TO BICYCLISTS AND PEDESTRIANS	R10-15 (R)	36"X36"	9.00	Red & Black on Yellow & White	61+46.39	-56.65	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	62+15.99	32.77	X	X	X	
ENDS	R3-9dP	24"X12"	2.00	Black on White			X			
BIKE LANE	R3-17	30"X24"	5.00	Black on White	63+14.04	-34.83	X	X	X	
RIGHT-TURNING VEHICLES YIELD TO BICYCLISTS AND PEDESTRIANS	R10-15 (R)	36"X36"	9.00	Red & Black on Yellow & White	63+87.77	60.17	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	67+08.49	-32.88	X	X	X	
ENDS	R3-9dP	24"X12"	2.00	Black on White			X			
BIKE LANE	R3-17	30"X24"	5.00	Black on White	85+86.19	-28.3	X	X	X	
STATE LAW - STOP FOR PEDESTRIANS WITHIN CROSSWALK	R1-6A	12"X36"	3.00	Red & Black on Yellow & White	86+18.97	-4.53	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	86+89.92	29.8	X	X	X	
BEGIN BIKE TURN LANE - YIELD TO BIKES	R4-4	36"X30"	7.50	Black on White	110+97.39	28.15	X	X	X	
RIGHT LANE MUST TURN RIGHT	R3-7R	30"X30"	6.25	Black on White	111+03.20	28.15	X	X	X	
BIKE LANE	R3-17	30"X24"	5.00	Black on White	112+18.69	-30.08	X	X	X	
LINCOLNWOOD DR. TO MCCORMICK BLVD.	SPECIAL	24"X12"	1.00	Black on White			X			
BIKE LANE	R3-17	30"X24"	5.00	Black on White	112+34.24	32.54	X	X	X	
ENDS	R3-9dP	24"X12"	2.00	Black on White			X			
NO TURN ON RED	R10-11B	36"X36"	9.00	Black on White	112+37.12	31.23	X	X	X	
RIGHT-TURNING VEHICLES YIELD TO BICYCLISTS AND PEDESTRIANS	R10-15 (R)	36"X36"	9.00	Red & Black on Yellow & White	112+58.70	-58.99	X	X	X	

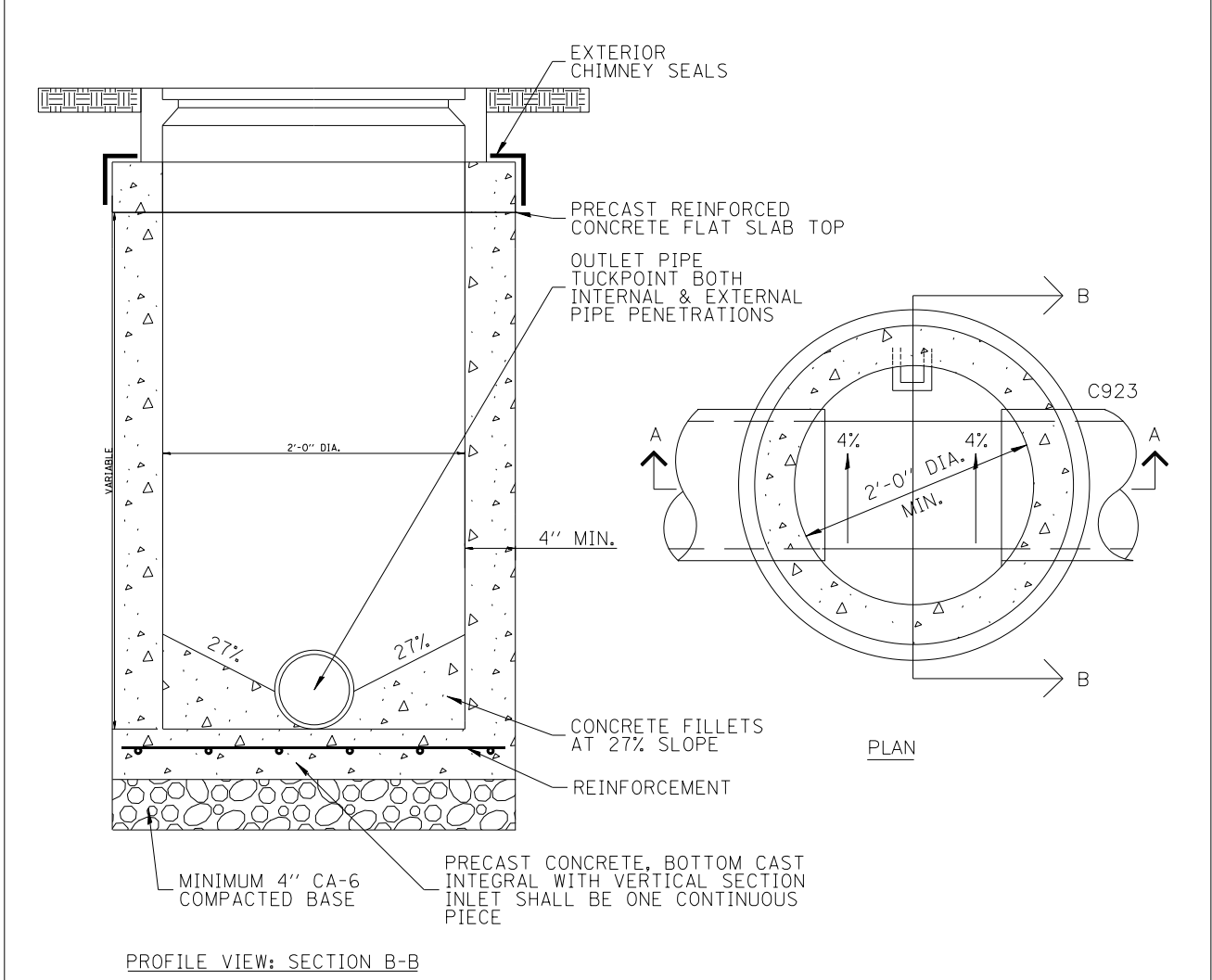
TOTAL SQUARE FEET =

171.25

171.25 SF

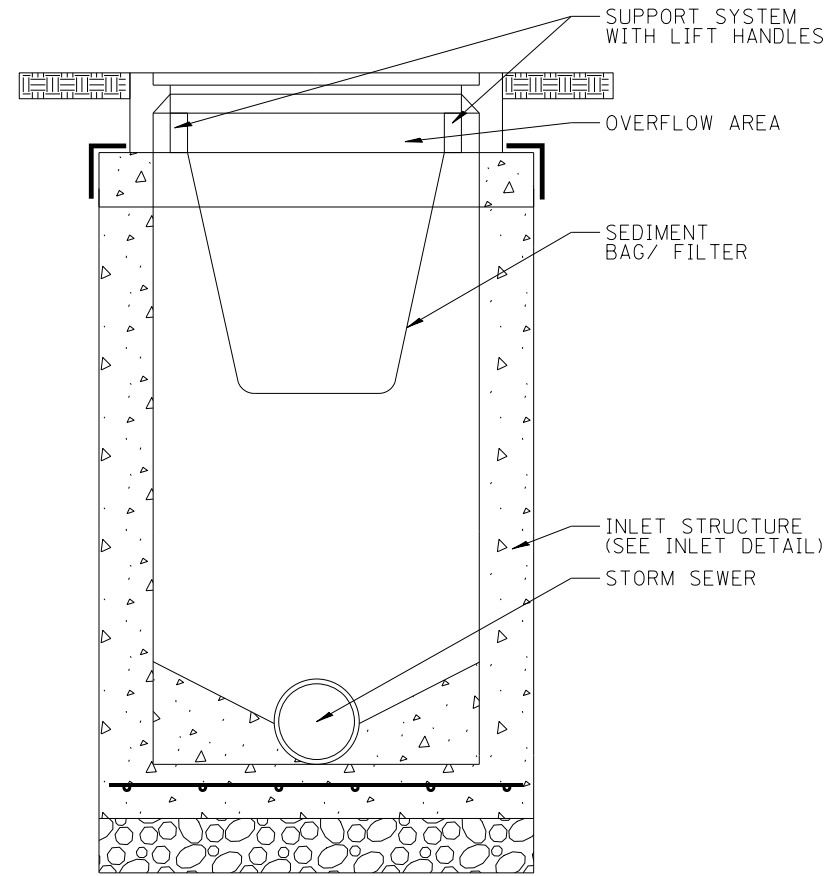
156 FT

312 FT



- NOTES:
- STRUCTURE SHALL BE PRECAST REINFORCED CONCRETE WITH MINIMUM WALL THICKNESS OF 4".
 - STRUCTURE BOTTOMS SHALL BE PRECAST REINFORCED CONCRETE WITH FIRST VERTICAL SECTION PRECAST INTEGRALLY WITH IT.
 - ALL JOINTS BETWEEN PRECAST ELEMENTS, ADJUSTING RINGS, AND MANHOLE FRAMES SHALL BE SET IN PLACE WITH A BUTYL RUBBER JOINT SEALANT. BARREL SECTIONS SHALL BE SEALED USING EITHER A BUTYL RUBBER JOINT SEALANT OR A RUBBER GASKET. A 9" WIDE POLYETHYLENE EXTERNAL SEAL SHALL BE APPLIED TO ALL STRUCTURE JOINTS.
 - A MAXIMUM OF TWO (2) ADJUSTMENT RINGS FOR A MAXIMUM ADJUSTMENT OF 8" IS ALLOWED. THE TOP ADJUSTMENT RING SHALL BE MADE OF RECYCLED RUBBER WHEN THE STRUCTURE IS INSTALLED IN A PAVED TRAFFIC AREA.
 - EXTERNAL CHIMNEY SEALS SHALL BE INSTALLED WHICH SHALL CAPTURE AT LEAST 4" OF THE STRUCTURE FRAME, ALL OF THE ADJUSTING RINGS, AND 4" OF THE UPPER CONE SECTION EXCEPT FOR INLETS IN YARD AREAS USING TYPE 8 FRAMES.
 - MANUFACTURER AND MODEL NUMBER FOR FRAMES AND GRATES SHALL BE AS SPECIFIED IN THE VILLAGE OF LINCOLNWOOD APPROVED PRODUCTS LIST.
 - PIPE CONNECTIONS SHALL BE MADE WITH THE USE OF PRECAST OPENINGS. CONNECTIONS TO EXISTING STRUCTURES SHALL BE MADE WITH THE USE OF MACHINE-CORED OPENINGS. THE INTERNAL AND EXTERNAL PIPE PENETRATIONS SHALL BE TUCKPOINTED.
 - INCLUDE 4% CONCRETE SLOPE ALONG SECTION A-A

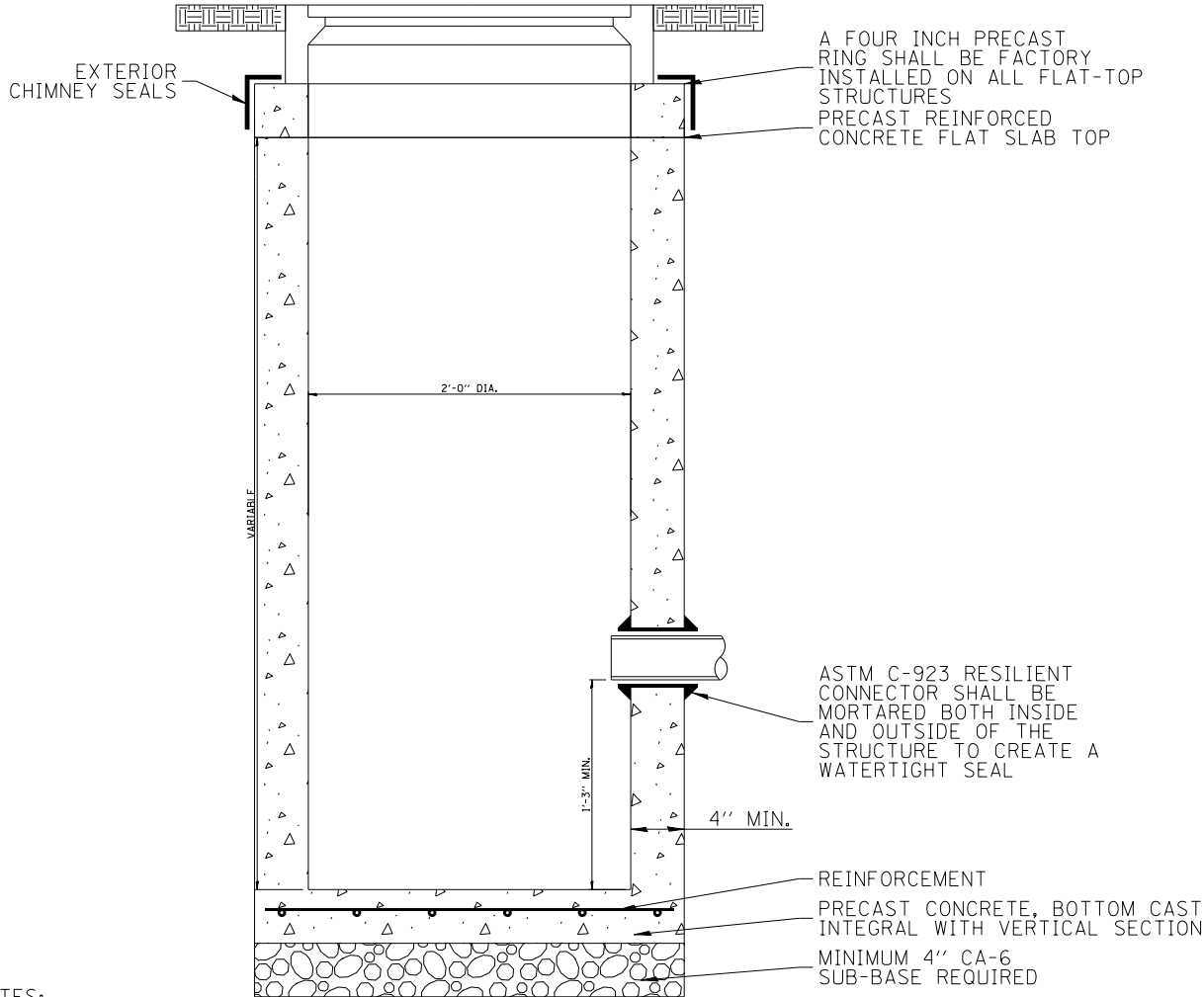
CLIENT:	 Village of Lincolnwood 6900 N. Lincoln Ave. Lincolnwood, IL 60712	TITLE:	PRECAST INLET TYPE A	PROJ. NO. 140090.GEN				SHEET DET OF DET	DRAWING NO.
				DATE: 2025					
 CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500				DSGN.	DJD	SCALE:	N.T.S.	DET	
				DWN.	REM	MODEL:	Default		
				CHKD.	JFA	PLOT DATE:	7/9/2025		
				FILE:	DET_D2402				



- NOTES:
- SEE VILLAGE OF LINCOLNWOOD APPROVED PRODUCTS LIST FOR MANUFACTURER AND MODEL NUMBERS.

CLIENT:	 Village of Lincolnwood 6900 N. Lincoln Ave. Lincolnwood, IL 60712	TITLE:	INLET FILTER PROTECTION				PROJ. NO. 140090.GEN
							DATE: 2025
						SHEET DET OF DET	
						DRAWING NO.	
	CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500	DSGN.	DJD	SCALE:	N.T.S.	DET	
		DWN.	REM	MODEL:	Default		
		CHKD.	JFA	PLOT DATE:	7/9/2025		
		FILE:	DET_D2402				

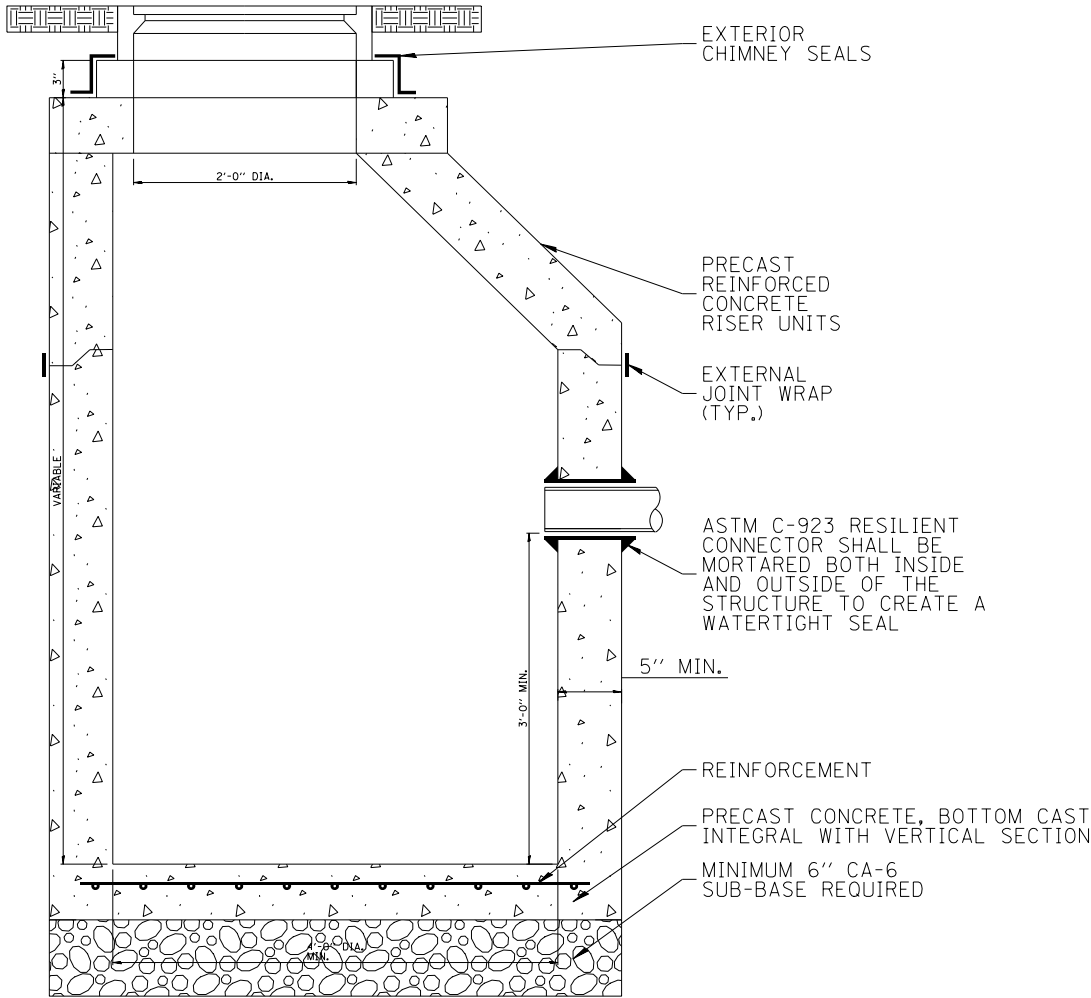
FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\LINCOLNWOOD\140090\02402\Civil\DET_D2402.sht		DRAWN -	REVISED -						1353	21-00072-00-BT	COOK	69	58
Default	PLOT SCALE = 8"	CHECKED -	REVISED -		SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.				CONTRACT NO. 61L68				
	PLOT DATE = 7/9/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



NOTES:

- STRUCTURE SHALL BE PRECAST REINFORCED CONCRETE WITH MINIMUM WALL THICKNESS OF 4".
- STRUCTURE BOTTOMS SHALL BE PRECAST REINFORCED CONCRETE WITH FIRST VERTICAL SECTION PRECAST INTEGRALLY WITH IT.
- ALL JOINTS BETWEEN PRECAST ELEMENTS, ADJUSTING RINGS, AND MANHOLE FRAMES SHALL BE SET IN PLACE WITH A BUTYL RUBBER JOINT SEALANT. BARREL SECTIONS SHALL BE SEALED USING EITHER A BUTYL RUBBER JOINT SEALANT OR A RUBBER GASKET. A 9" WIDE POLYETHYLENE EXTERNAL SEAL SHALL BE APPLIED TO ALL STRUCTURE JOINTS.
- A MAXIMUM OF TWO (2) ADJUSTMENT RINGS FOR A MAXIMUM ADJUSTMENT OF 8" IS ALLOWED. THE TOP ADJUSTMENT RING SHALL BE MADE OF RECYCLED RUBBER WHEN THE STRUCTURE IS INSTALLED IN A PAVED TRAFFIC AREA.
- EXTERNAL CHIMNEY SEALS SHALL BE INSTALLED WHICH SHALL CAPTURE AT LEAST 4" OF THE STRUCTURE FRAME, ALL OF THE ADJUSTING RINGS, AND 4" OF THE UPPER CONE SECTION EXCEPT FOR CATCH BASINS IN YARD AREAS USING TYPE 8 FRAMES.
- MANUFACTURER AND MODEL NUMBER FOR FRAMES AND GRATES SHALL BE AS SPECIFIED IN THE VILLAGE OF LINCOLNWOOD APPROVED PRODUCTS LIST.
- PIPE CONNECTIONS SHALL BE MADE WITH THE USE OF PRECAST OPENINGS. CONNECTIONS TO EXISTING STRUCTURES SHALL BE MADE WITH THE USE OF MACHINE-CORED OPENINGS. THE INTERNAL AND EXTERNAL PIPE PENETRATIONS SHALL BE TUCKPOINTED.
- MANHOLE TO HAVE PRECAST "RUBBER BOOTS" CONFORMING TO ASTM C-923 AT ALL PIPE CONNECTIONS.

CLIENT:	 Village of Lincolnwood 6900 N. Lincoln Ave. Lincolnwood, IL 60712	TITLE:	PRECAST CATCH BASIN TYPE C				PROJ. NO.
							DATE: 2025
							SHEET DET OF DET
							DRAWING NO.
							DET
 CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 • Rosemont, Illinois 60018 • (847) 823-0500			DSGN.	DJD	SCALE:	N.T.S.	
			DWN.	REM	MODEL:	Default	
			CHKD.	JFA	PLOT DATE:	7/9/2025	
			FILE:	DET_D2402			

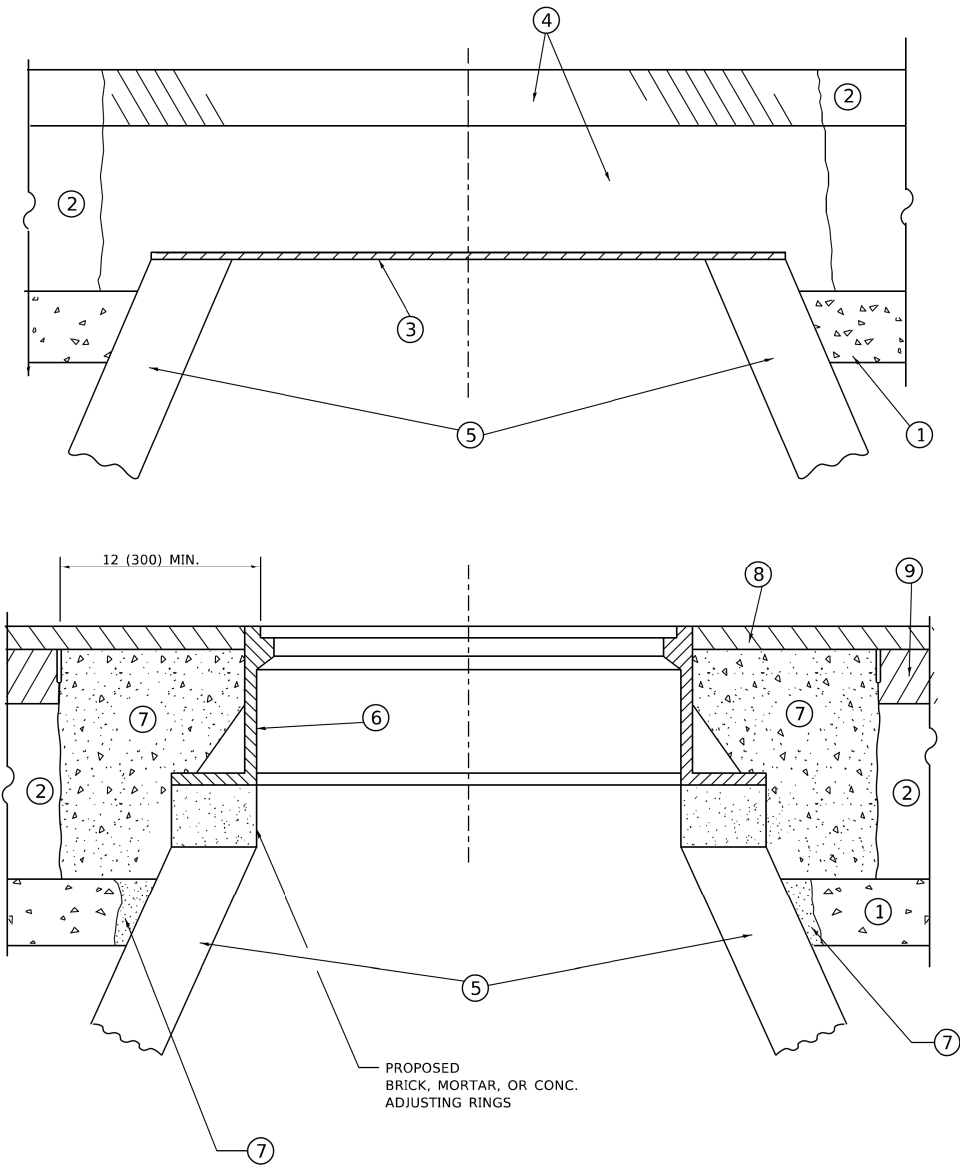


NOTES:

- STRUCTURE SHALL BE PRECAST REINFORCED CONCRETE WITH MINIMUM WALL THICKNESS OF 4".
- STRUCTURE BOTTOMS SHALL BE PRECAST REINFORCED CONCRETE WITH FIRST VERTICAL SECTION PRECAST INTEGRALLY WITH IT.
- ALL JOINTS BETWEEN PRECAST ELEMENTS, ADJUSTING RINGS, AND MANHOLE FRAMES SHALL BE SET IN PLACE WITH A BUTYL RUBBER JOINT SEALANT. BARREL SECTIONS SHALL BE SEALED USING EITHER A BUTYL RUBBER JOINT SEALANT OR A RUBBER GASKET. A 9" WIDE POLYETHYLENE EXTERNAL SEAL SHALL BE APPLIED TO ALL STRUCTURE JOINTS.
- A MAXIMUM OF TWO (2) ADJUSTMENT RINGS FOR A MAXIMUM ADJUSTMENT OF 8" IS ALLOWED. THE TOP ADJUSTMENT RING SHALL BE MADE OF RECYCLED RUBBER WHEN THE STRUCTURE IS INSTALLED IN A PAVED TRAFFIC AREA.
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- MANUFACTURER AND MODEL NUMBER FOR FRAMES AND GRATES SHALL BE AS SPECIFIED IN THE VILLAGE OF LINCOLNWOOD APPROVED PRODUCTS LIST.
- PIPE CONNECTIONS SHALL BE MADE WITH THE USE OF PRECAST OPENINGS. CONNECTIONS TO EXISTING STRUCTURES SHALL BE MADE WITH THE USE OF MACHINE-CORED OPENINGS. THE INTERNAL AND EXTERNAL PIPE PENETRATIONS SHALL BE TUCKPOINTED.

CLIENT:	 Village of Lincolnwood 6900 N. Lincoln Ave. Lincolnwood, IL 60712	TITLE:	PRECAST CATCH BASIN TYPE A				PROJ. NO. 140090.GEN			
							DATE: 2025			
							SHEET DET OF DET			
							DRAWING NO.			
							DET			
 CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 • Rosemont, Illinois 60018 • (847) 823-0500				DSGN.	DJD	SCALE:	N.T.S.			
				DWN.	REM	MODEL:	Default			
				CHKD.	JFA	PLOT DATE:	7/9/2025			
				FILE:	DET_D2402					

FILE NAME =	USER NAME = jhouseh	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\LINCOLNWOOD\140090\02402\Civil\DET.D	402.sht	DRAWN -	REVISED -			1353	21-00072-00-BT	COOK	69	59	
Default	PLOT SCALE = 89'	CHECKED -	REVISED -			CONTRACT NO. 61L68					
	PLOT DATE = 7/9/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.				



DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING

NOTES

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

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
FILE NAME: W:\154540\22-23\10b08.dgn

USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	60
BD600-03 (BD-08)		CONTRACT NO. 61L68		
ILLINOIS		FED. AID PROJECT		

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME: D:\PROJECTS\2024\11182022\11182022.DWG	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-04-07			1353	21-00072-00-BT	COOK	69	61
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08			BD400-04 (BD-22)		CONTRACT NO. 61L68		
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT

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(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

**** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.**

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
 - *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 - 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER)
FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR
FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED
IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

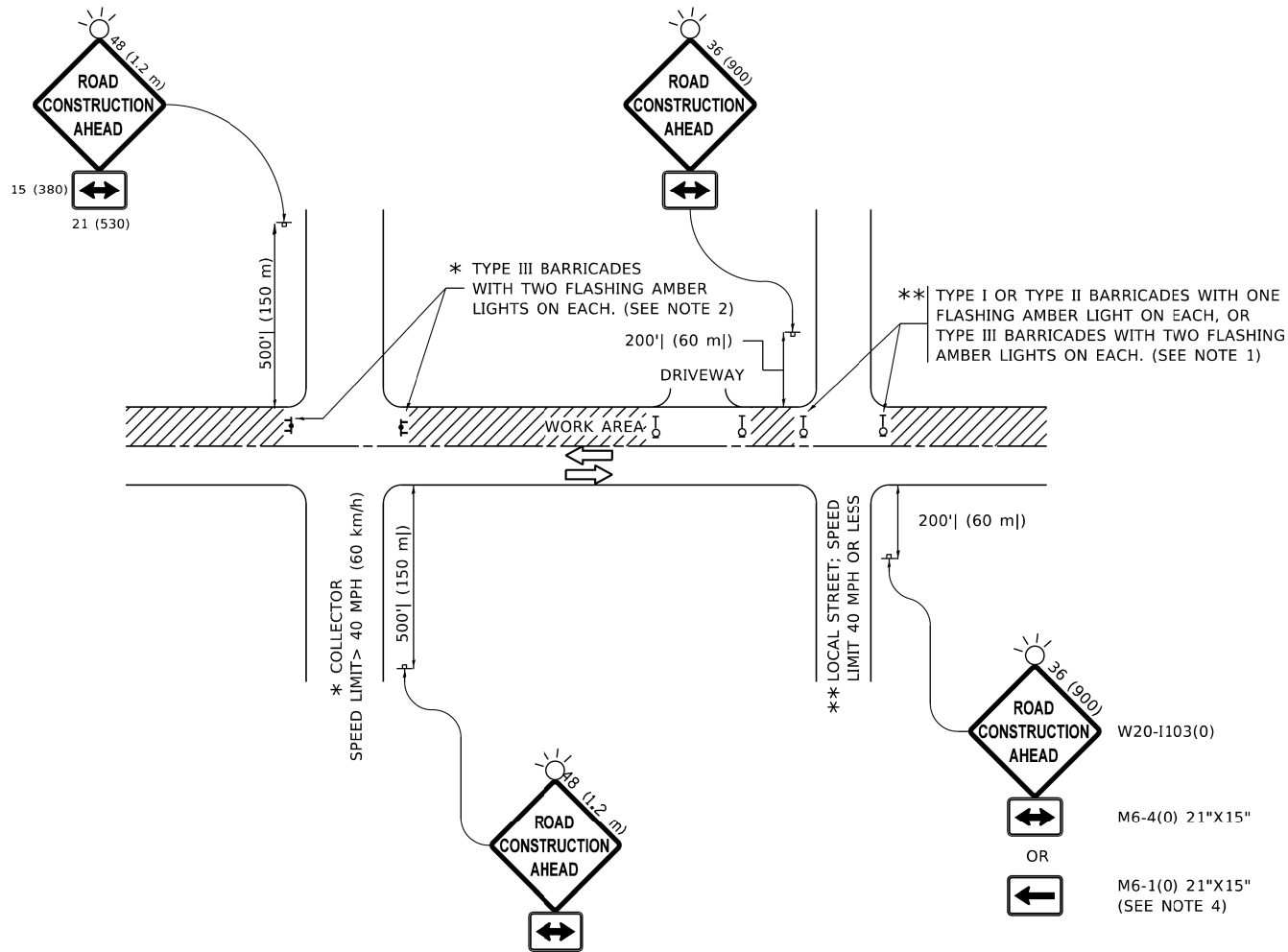
BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	63
BD400-05 BD-32		CONTRACT NO. 61L68		
ILLINOIS		FED. AID PROJECT		

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NOTES:

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

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

USER NAME = Lawrence,DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

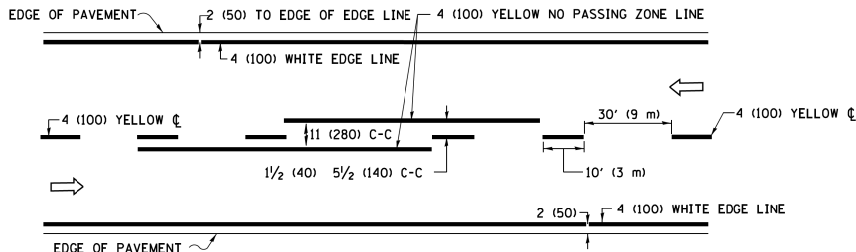
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

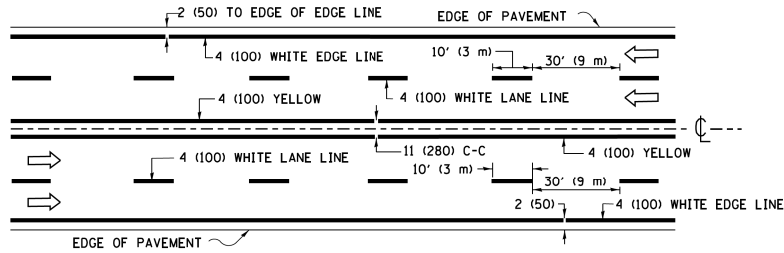
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	64
TC-10		CONTRACT NO. 61L68		
ILLINOIS		FED. AID PROJECT		

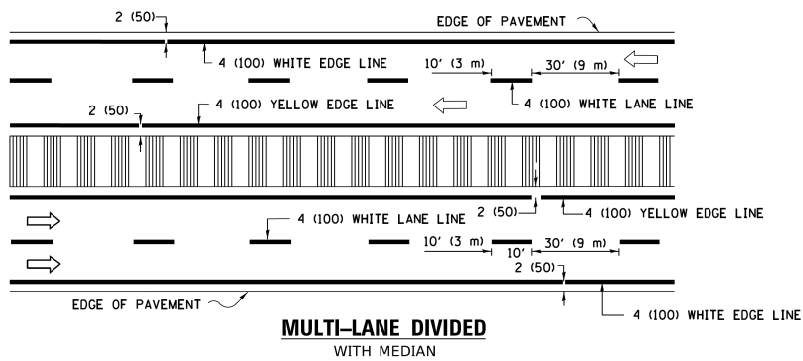
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2-LANE ROADWAY

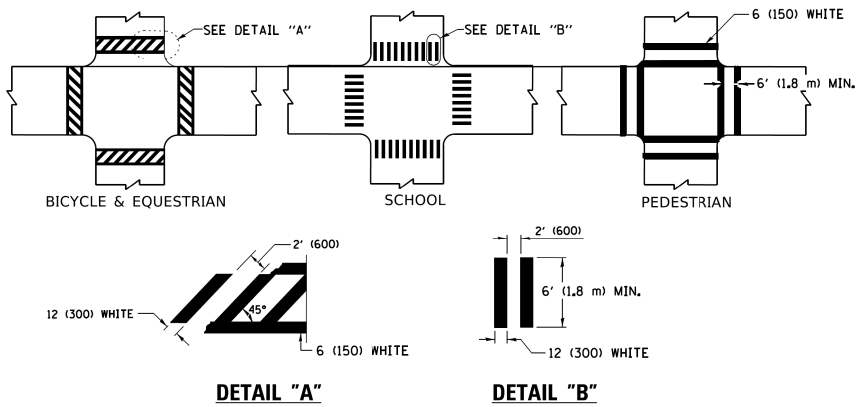


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

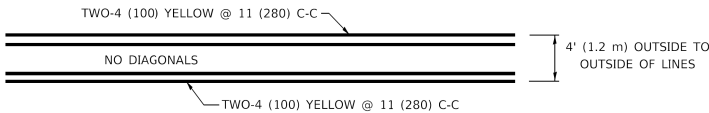


DETAIL "A"

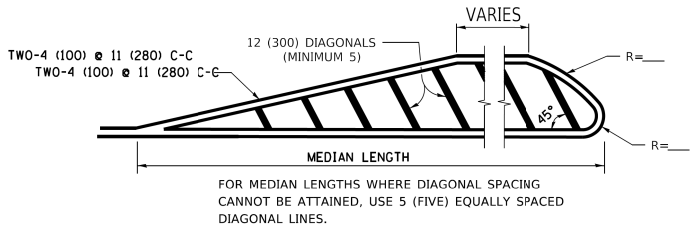
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

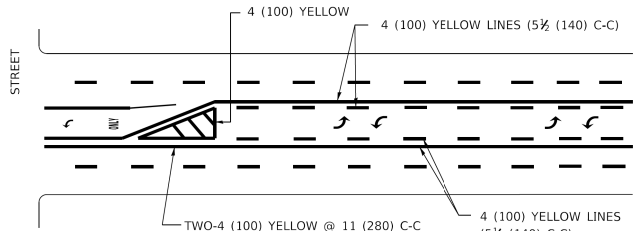


4' (1.2 m) WIDE MEDIANS ONLY

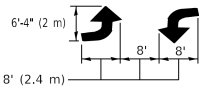


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

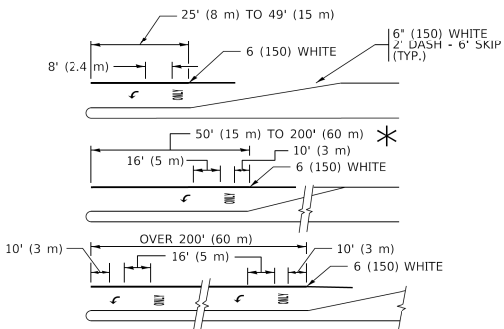


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

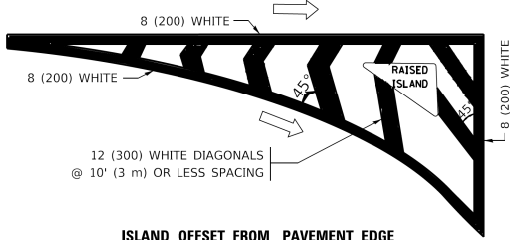
TYPICAL PAINTED MEDIAN MARKING



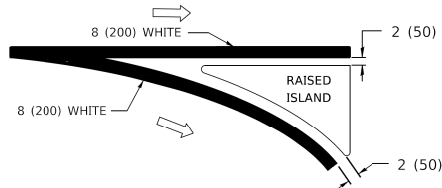
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

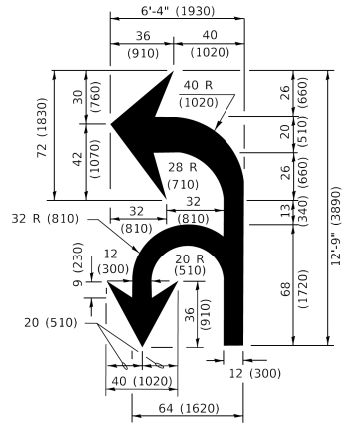


ISLAND OFFSET FROM PAVEMENT EDGE

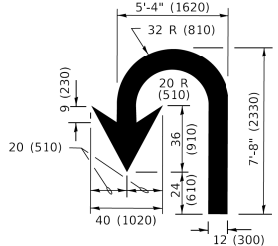


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION
LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	65
TC-13		CONTRACT NO. 61L68		
		ILLINOIS / FED. AID PROJECT		

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

R4-7a
"X30"

KEEP
→
RIGHT

4" YELLOW REFLECTIVE PAVEMENT MARKING TAPE (REMOVE CONFLICTING WHITE SKIP-DASH LINES FIRST.)

ARROW BOARD

L
(SEE NOTE 1)

ONLY

MEDIAN

SEE DETAIL "A"

NO

1. A) W
(A)
2. CON
SPAC
28 (
3. LIGH
OPER
4. REFL
THRO
WHE
5. THIS
THE
THIS
AND
6. THES
FOR

FIGURE 1

	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

1. 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-I100R 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.

Diagram illustrating the removal of conflicting pavement markings and the application of reflective tape on a road median.

The diagram shows a cross-section of a road with a median. The median is labeled "MEDIAN". The road surface is divided into two lanes by a dashed line. The area to be removed is labeled "CONFLICTING PAVEMENT MARKING REMOVAL (TYP.)". The remaining markings are labeled "ONLY".

The diagram shows the application of reflective tape to the median. The tape is labeled "6\" WHITE REFLECTIVE PAVEMENT MARKING TAPE" and "4\" YELLOW REFLECTIVE PAVEMENT MARKING TAPE (REMOVE CONFLICTING WHITE SKIP-DASH LINES FIRST.)".

The diagram also shows the removal of conflicting markings. The text "REMOVE CONFLICTING WHITE SKIP-DASH LINES FIRST." is present.

Dimensions shown include a 20' MIN. length for the white tape and a 6' MIN. length for the yellow tape.

Arrows indicate the direction of traffic flow.

FIGURE 2

5' (1.5 m) MIN.
(SEE NOTE 7)

**LEFT
TURN
LANE**

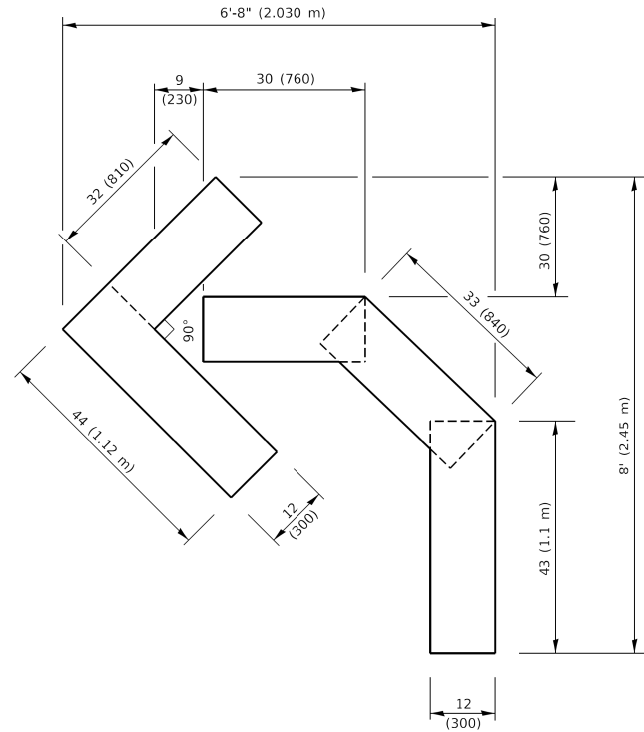
R3-1100L
24 x 24 (600 x 600)

M6-2L
21 x 15 (530 x 380)

STABILIZE SIGN
SUPPORT WITH
SANDBAGS AS
NECESSARY

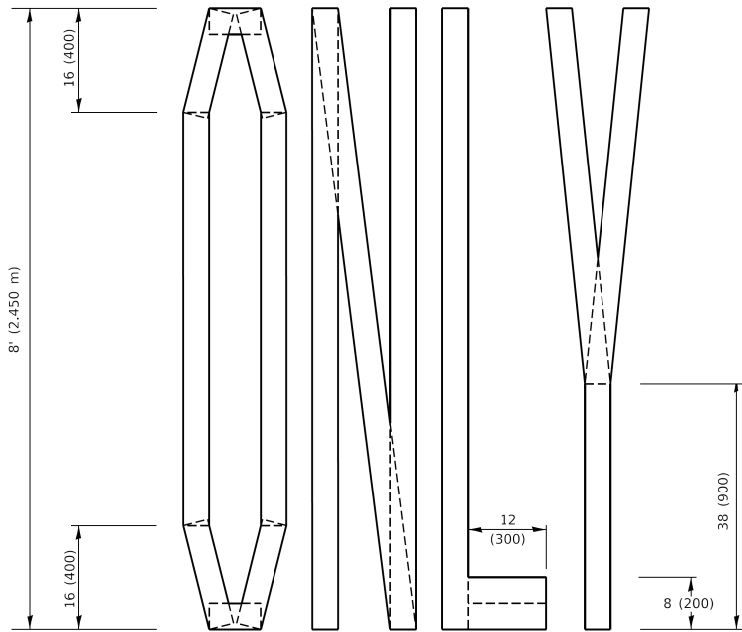
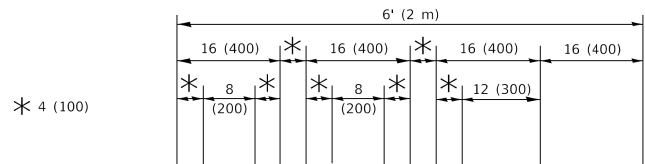
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13		1353	21-00072-00-BT	COOK	69	66					
PLOT SCALE = 50.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14					CONTRACT NO. 61L68				
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		



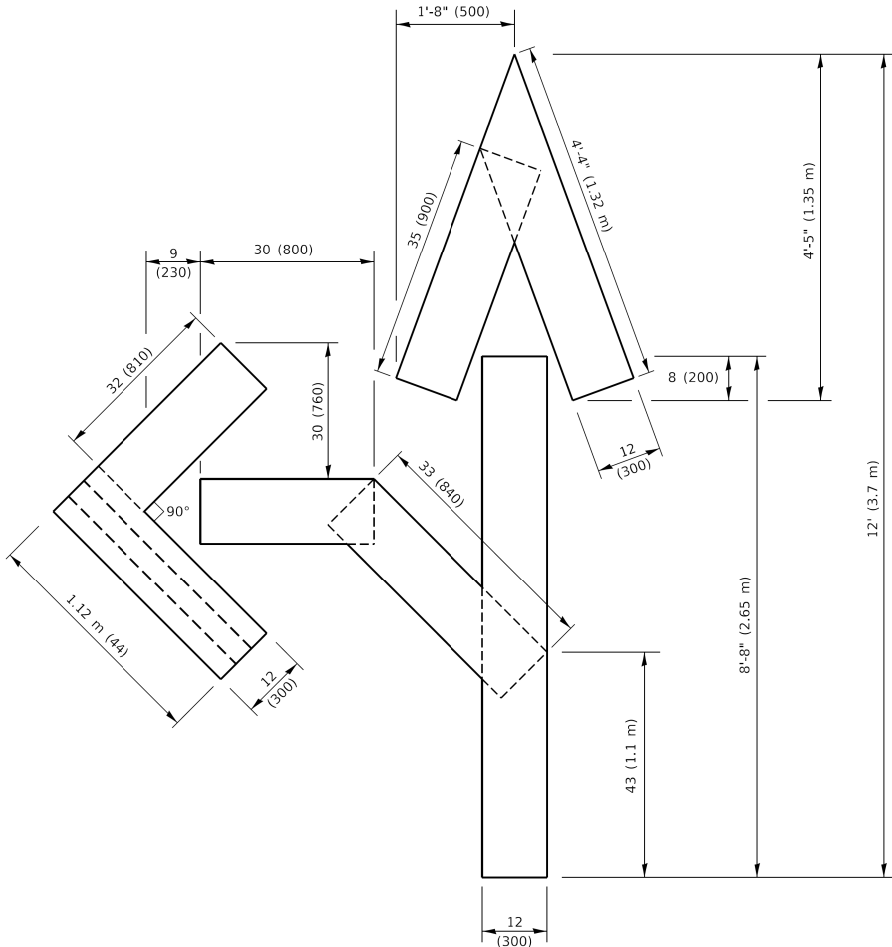
QUANTITY

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



QUANTITY

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

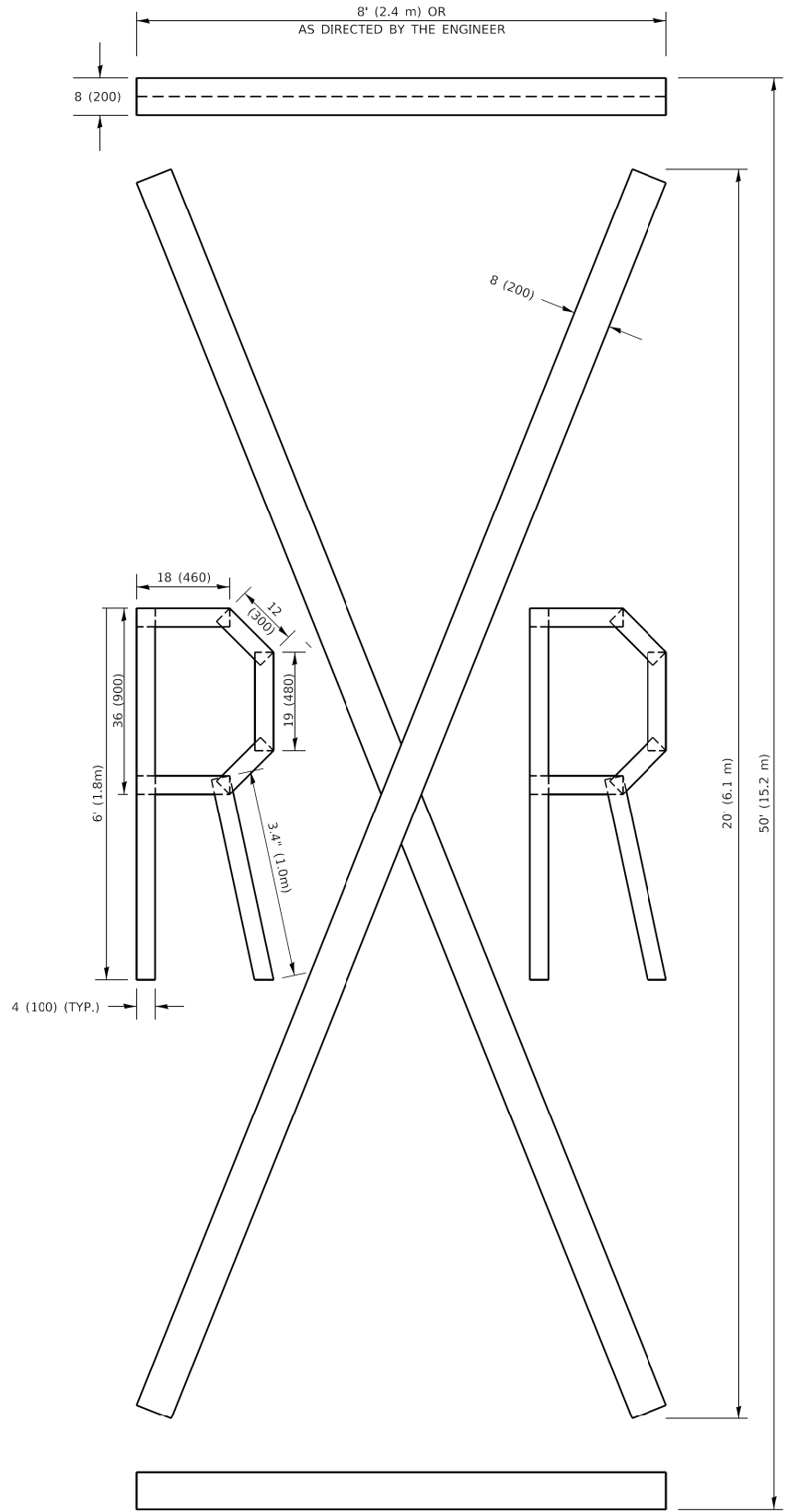


QUANTITY

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

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
IN LINEAR FEET OF 4" LINES TO MATCH THE
4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

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

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

MODEL: Default
FILE NAME: tw\1084EB\DOT\Illinois.gov\PI\DOT\Documents\DOT Office\District 1\Projects\Dis422\41CADData\CADsheets\416.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	67
TC-16		CONTRACT NO. 61L68		
		ILLINOIS	FED. AID PROJECT	

MODEL Default
FILE Name: p:\u00484EBID\NTEC\Illinois.gov-PWIDOT\Documents\DOT_Offices\District_1\Projects\DU45422\24\CADData\CADsheets\tc22.dgn

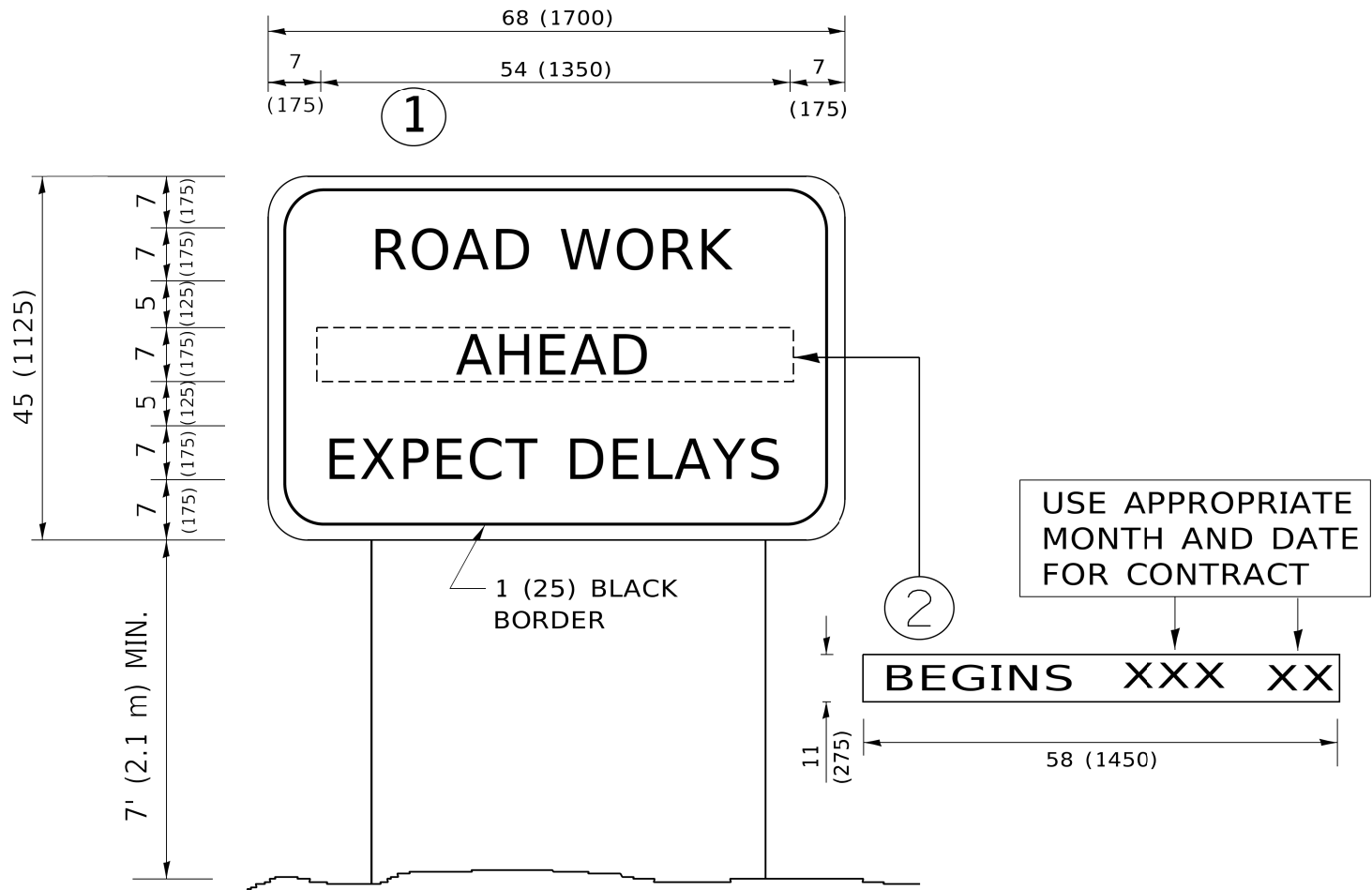
	USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	68
TC-22		CONTRACT NO. 61L68		
ILLINOIS		FED. AID PROJECT		



NOTES:

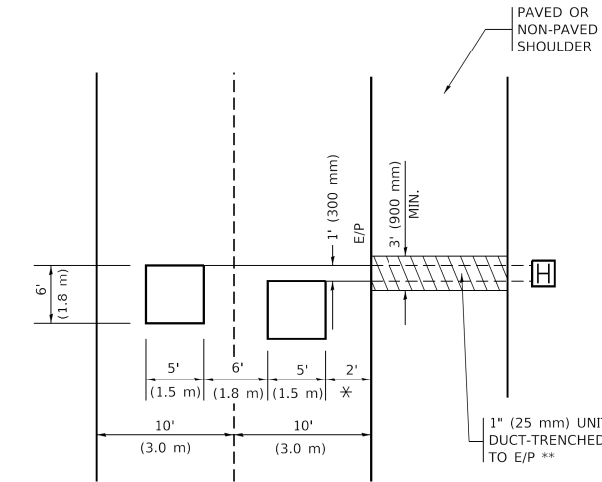
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
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.

MODEL: Default
FILE: \\ntwrk-prv\ILL084E\BID\NTEC\Illinois.gov-PWD\DOT\Documents\DOT_Offices\District_1\Projects\DUHS422\23\CADData\CADsheets\ts01.dgn

LOOPS NEXT TO SHOULDERS

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

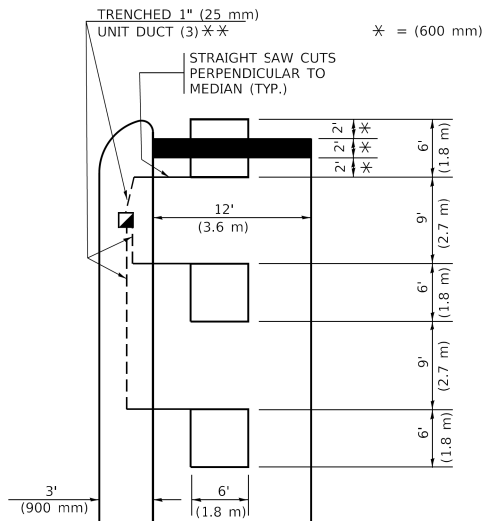


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

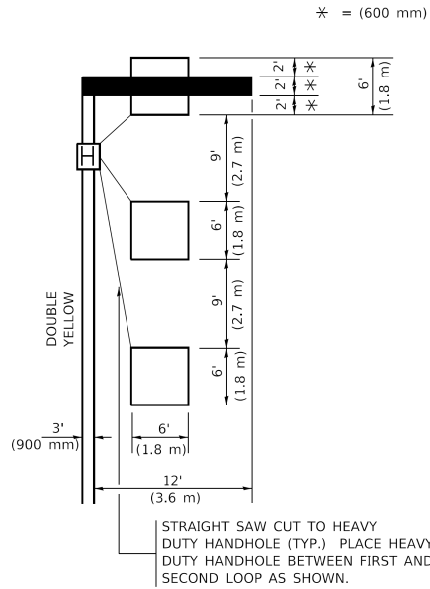
HANDHOLE LOCATION MAY
VARY DEPENDING ON GEOMETRICS
AND DESIGN OF TRAFFIC SIGNALS.
HEAVY-DUTY HANDHOLES TO BE
USED WHEN THE MEDIAN IS
MOUNTABLE. REFER TO STANDARD
814001 TO ENSURE THAT HANDHOLE
FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

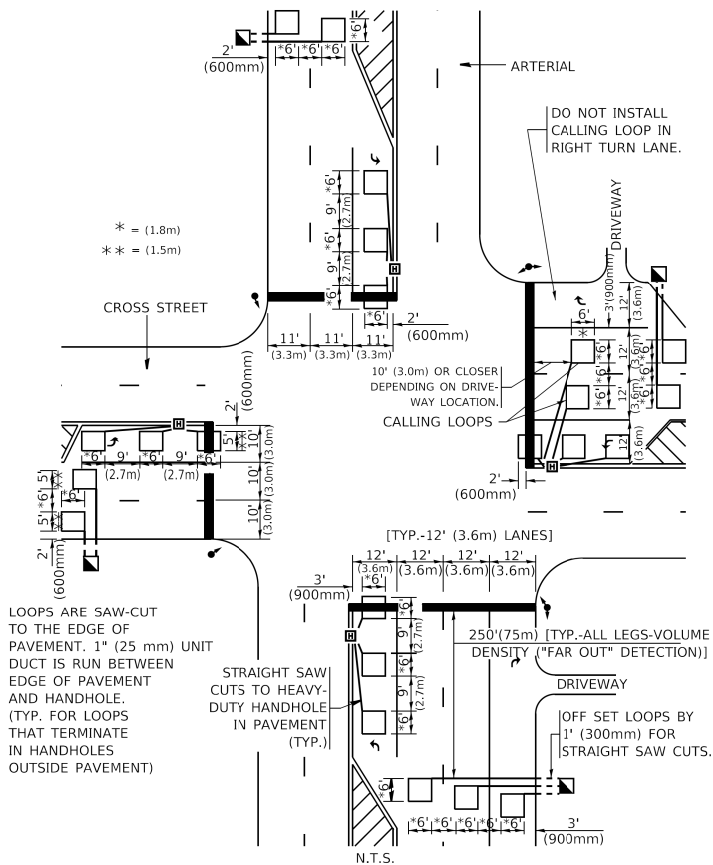
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



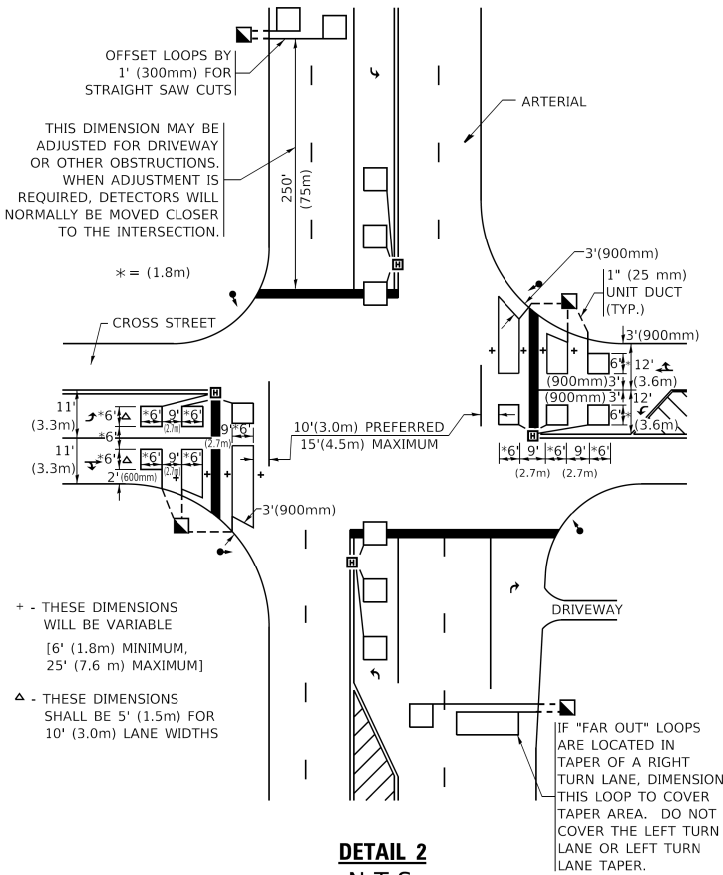
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED,
SHIELDED.

* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE
LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE
PAVEMENT.

* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT
DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST
HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE
SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID
FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM
FOR DETECTOR LOOPS.

* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET
(1.8 m)

* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH
LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE
INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.

* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE
THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR
(i.e. 1-1/2, 1-3/4, 2).

* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN
INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND
INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM
DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A
SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE
AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW
CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE
TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM)
DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN
AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS
UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE
LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR
LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR
SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED
ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE
DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT
TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN
ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO
NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND
10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF
PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1
TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER
FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE
DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS
FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

USER NAME = footemj	DESIGNED -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - R.K.F.	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1353	21-00072-00-BT	COOK	69	69
TS-07		CONTRACT NO. 61L68		
ILLINOIS		FED. AID PROJECT		