

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAUMBURG, IL

FOR INDEX OF SHEETS, SEE SHEET NO. 2

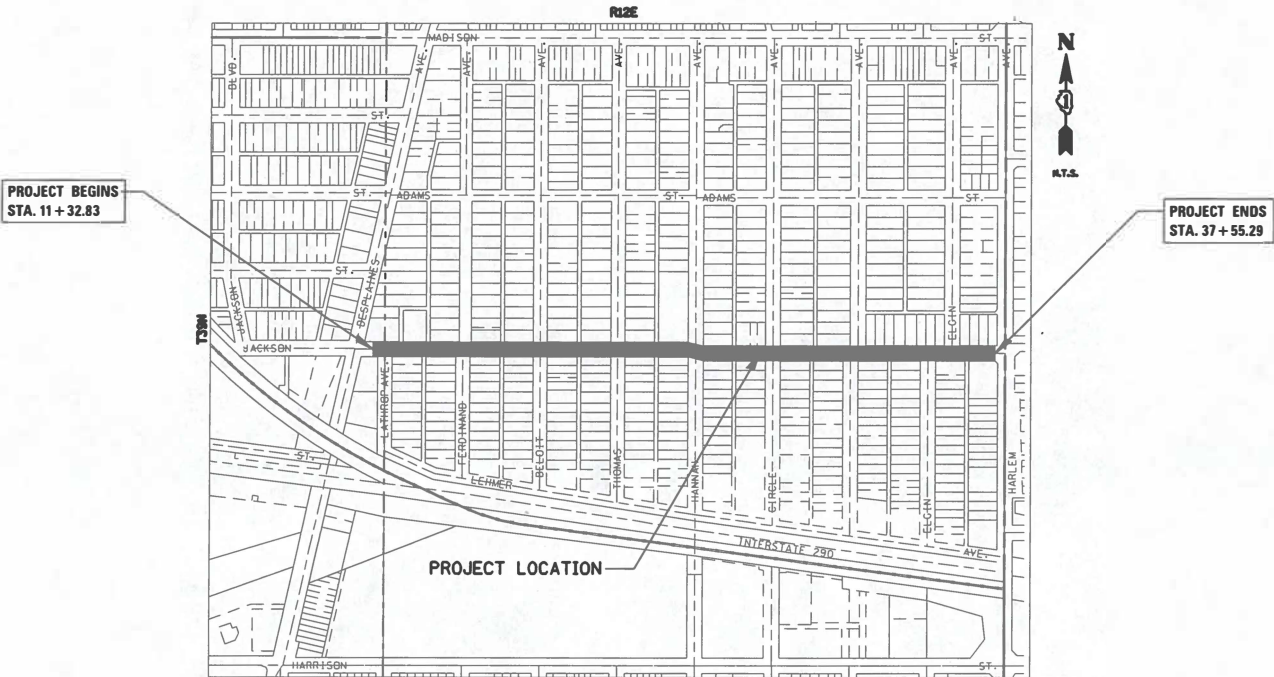
01-16-2026 LETTING ITEM 011

TRAFFIC DATA
JACKSON BLVD,
ADT = 5600 (2022)
POSTED SPEED LIMIT = 25 MPH

JACKSON BLVD. DESIGN DESIGNATION:
MAJOR COLLECTOR

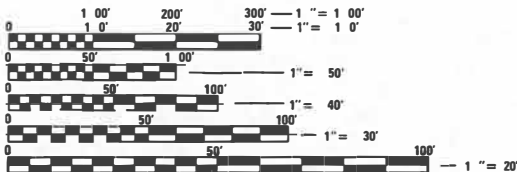
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU ROUTE 1462 (JACKSON BOULEVARD)
DES PLAINES AVE. TO HARLEM AVE.
WATERMAIN AND RESURFACING
SECTION NO.: 25-00121-00-RS
PROJECT NO.: ELK2(266)
VILLAGE OF FOREST PARK
COOK COUNTY
C-91-193-25



LOCATION OF SECTION INDICATED THUS: -

JAMES F. AMELIO
JULY 28, 2025
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS
ILLINOIS REGISTRATION NO. 062-060779
EXPIRATION DATE: 11/30/25



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. 61L90

LOCATION MAP

JACKSON BLVD.
GROSS LENGTH OF PROJECT = 2,622.4520 FEET (0.497 MILES)
NET LENGTH OF PROJECT = 2,622.4520 FEET (0.497 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

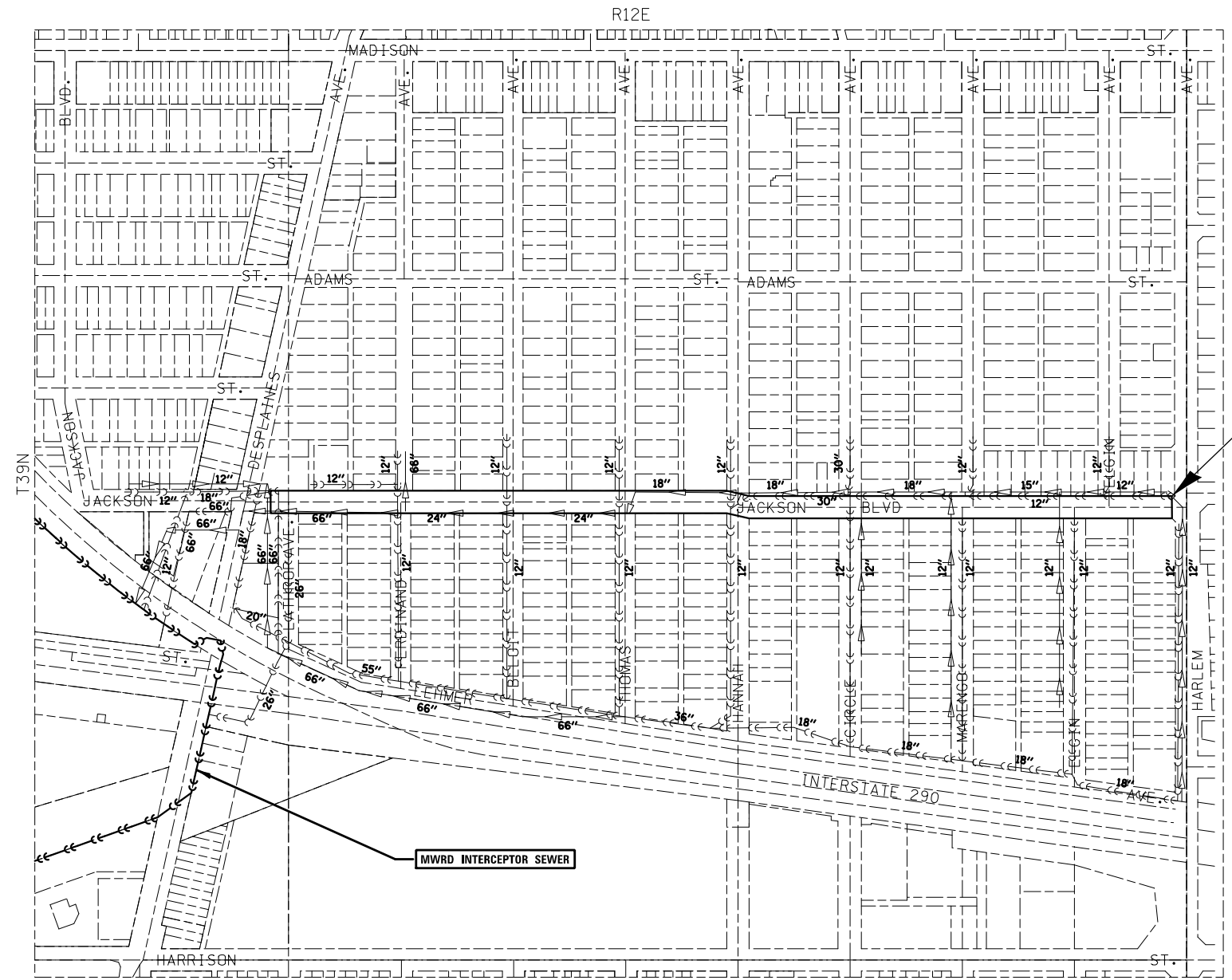
APPROVED July 11, 2025
[Signature]
MAYOR, VILLAGE OF FOREST PARK

PASSED Sept 3, 2025
[Signature]
ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW Sept 3, 2025
[Signature]
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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SHEET NO.	DESCRIPTION														
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4	MWRD SEWER ROUTING EXHIBIT														
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FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MWRD SEWER ROUTING EXHIBIT				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil1\MWRD.RTE	0023.BG130.sht	DRAWN - RMW	REVISED -						1462	25-00121-00-RS	COOK	49	4
	PLOT SCALE = 1512'	CHECKED - JFA	REVISED -		CONTRACT NO. 61L90								
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
*	20101100	TREE TRUNK PROTECTION	EACH	48		
*	20101200	TREE ROOT PRUNING	EACH	48		
	20200100	EARTH EXCAVATION	CU YD	25		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	859		
	21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	40		
*	21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	40		
*	25200110	SODDING, SALT TOLERANT	SQ YD	859		
*	25200200	SUPPLEMENTAL WATERING	UNIT	84		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,410		
	35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	45		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,565		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1.25		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	240		
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	495		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	990		

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	45		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	29,641		
	42400800	DETECTABLE WARNINGS	SQ FT	500		
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	11,790		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	45		
	44000300	CURB REMOVAL	FOOT	115		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,340		
	44000600	SIDEWALK REMOVAL	SQ FT	27,598		
	44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	55		
	44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	325		
	44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	325		
	44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	325		
	44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	325		
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	11		
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	117		
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	16		

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\00130\Civil\50002.00	336130.shx	DRAWN - JEH	REVISED -					1462	25-00121-00-R5	COOK	49	6
Default	PLOT SCALE = 80'	CHECKED - JFA	REVISED -		SCALE: N.T.S. SHEET 2 OF 9 SHEETS STA. TO STA.			CONTRACT NO. 61L90				
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -					ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1,785		
	44213200	SAW CUTS	FOOT	80		
	44213204	TIE BARS 3/4"	EACH	80		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	600		
	55100300	STORM SEWER REMOVAL 8"	FOOT			45
	55100400	STORM SEWER REMOVAL 10"	FOOT			145
	55100500	STORM SEWER REMOVAL 12"	FOOT			325
	55100700	STORM SEWER REMOVAL 15"	FOOT			60
	55100900	STORM SEWER REMOVAL 18"	FOOT			105
*	56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH			10
*	56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH			15
*	56101148	DUCTILE IRON WATER MAIN REDUCER, 8" X 4"	EACH			4
*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT			140
*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT			3,175
*	56105000	WATER VALVES 8"	EACH			24
*	56109408	DUCTILE IRON WATER MAIN FITTINGS 8" 22.50 DEGREE BEND	EACH			1

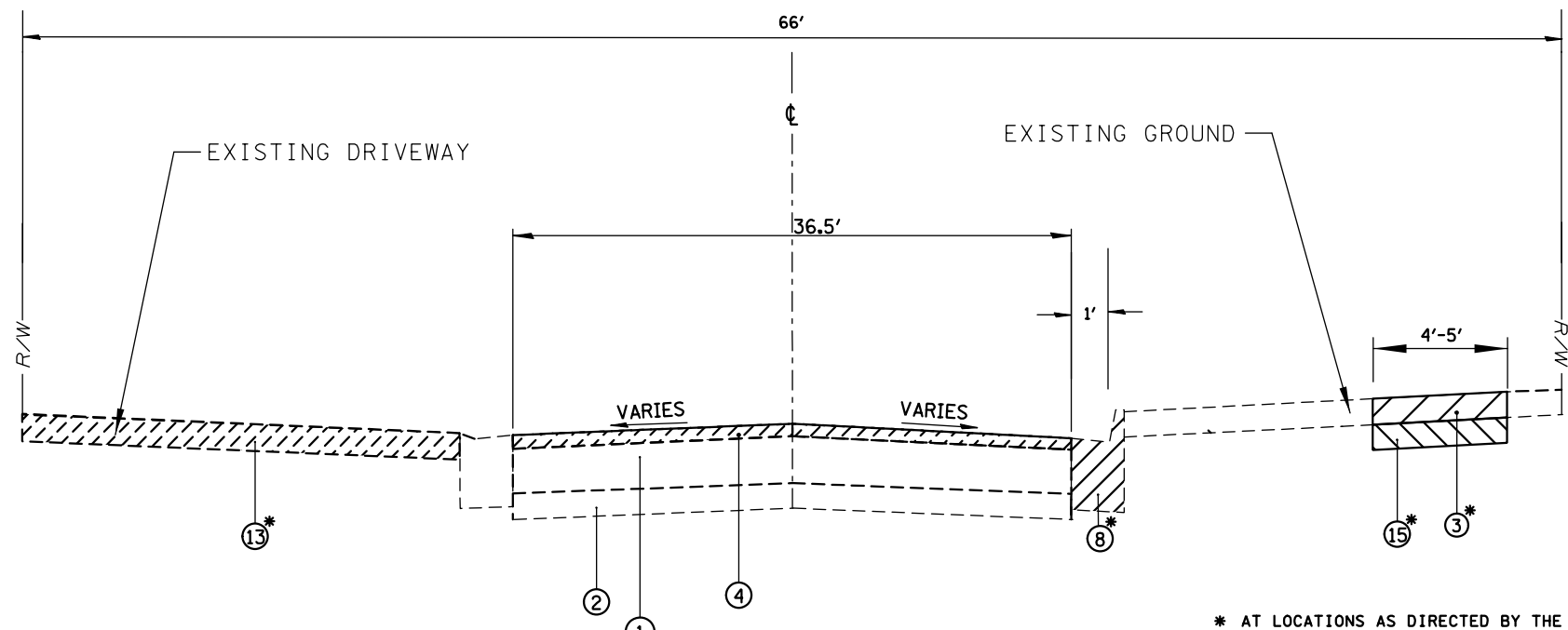
SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	105		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,085		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	365		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	167		
*	72000200	SIGN PANEL - TYPE 2	SQ FT	10		
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	12		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4		
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	53		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	70		
*	72900100	METAL POST - TYPE A	FOOT	147		
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	14		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	149		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7503		

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2088		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	396		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	266		
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	120		
*	88600100	DETECTOR LOOP, TYPE 1	FOOT	100		
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	120		
*	K0036117	MULCH PLACEMENT 2"	SQ YD	50		
*	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1		
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.91		
*	XX002136	PRESSURE CONNECTION	EACH			1
*	XX006243	WATER SERVICE INSTALL, 1" COMPLETE	EACH			13
*	XX006244	WATER SERVICE INSTALL, 2" COMPLETE	EACH			1
*	XX007762	SHUT DOWN CONNECTION	EACH			14
*	XX008945	WATER VALVES TO BE REMOVED	EACH			19
	X0326862	STRUCTURES TO BE ADJUSTED	EACH	23		
*	X0326859	PAVEMENT IMPRINTING	SQ YD	545		

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	X0328034	AS-BUILT DRAWINGS	L. SUM			1
	X2080250	TRENCH BACKFILL (SPECIAL)	CU YD	5,350		
*	X2600020	DELINEATOR SYSTEM	EACH	14		
	X4406816	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2"	SQ YD	50		
	X4420486	CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL)	SQ YD	55		
*	X5430218	CURED-IN-PLACE PIPE LINER, 18"	FOOT			200
*	X5510208	COMBINED SEWER REMOVAL 8"	FOOT			35
*	X5510212	COMBINED SEWER REMOVAL 12"	FOOT			290
*	X5510215	COMBINED SEWER REMOVAL 15"	FOOT			45
*	X5510218	COMBINED SEWER REMOVAL 18"	FOOT			30
*	X5510224	COMBINED SEWER REMOVAL 24"	FOOT			220
*	X5510230	COMBINED SEWER REMOVAL 30"	FOOT			20
*	X5510242	COMBINED SEWER REMOVAL 42"	FOOT			14
*	X5620120	INSTALL WATER SERVICE COMPLETE	EACH			1
*	X5610644	PLUG WATER MAIN 4"	EACH			4
*	X5610647	PLUG WATER MAIN 8"	EACH			10

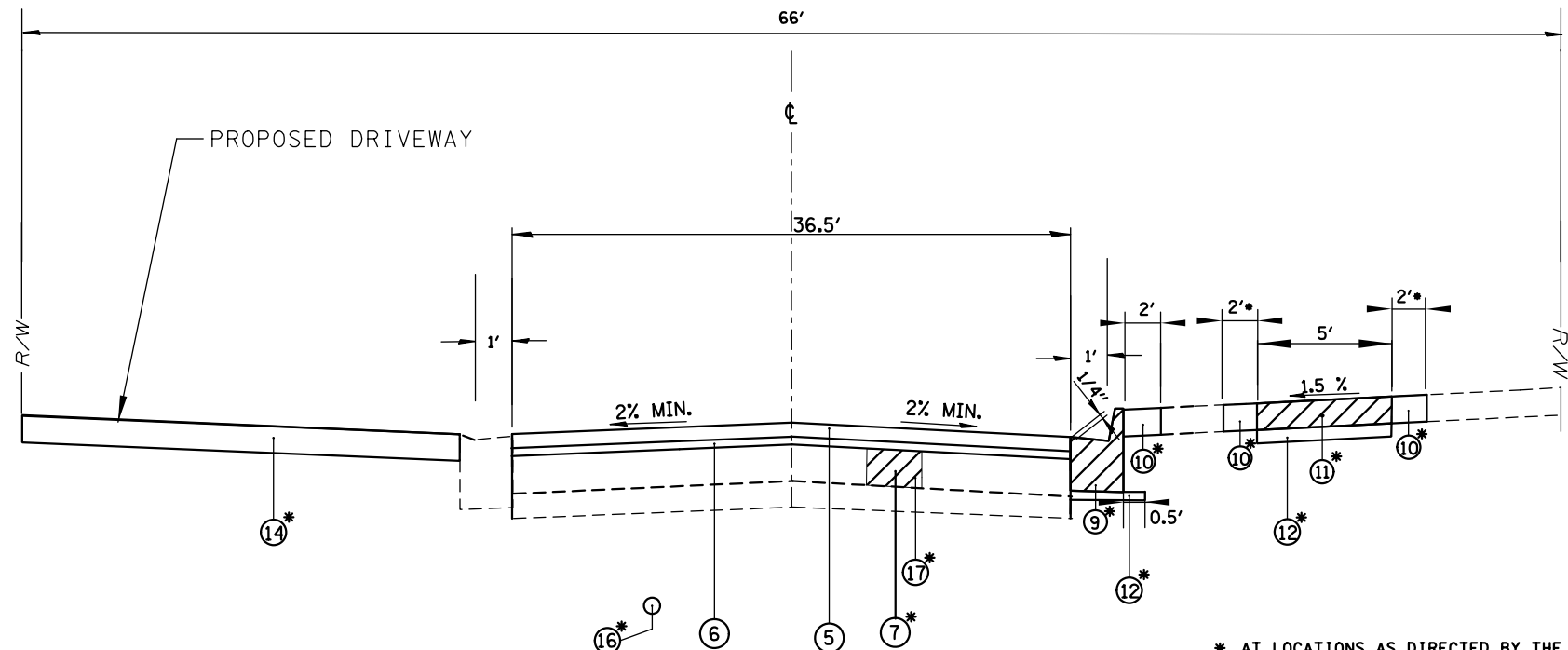
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PLOT SCALE = 80'		CHECKED - JFA	REVISED -					CONTRACT NO. 61L90				
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: N.T.S.	SHEET 7	OF 9	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	Z0076600	TRAINEES	HOURL		500	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL		500	
*	XX009735	PIPE (SPECIAL), 12"	FOOT			290
*	XX009736	PIPE (SPECIAL), 15"	FOOT			45
*	XX009737	PIPE (SPECIAL), 18"	FOOT			30
*	XX009738	PIPE (SPECIAL), 24"	FOOT			220
*	XX009739	PIPE (SPECIAL), 30"	FOOT			20
*	XX009740	PIPE (SPECIAL), 42"	FOOT			14



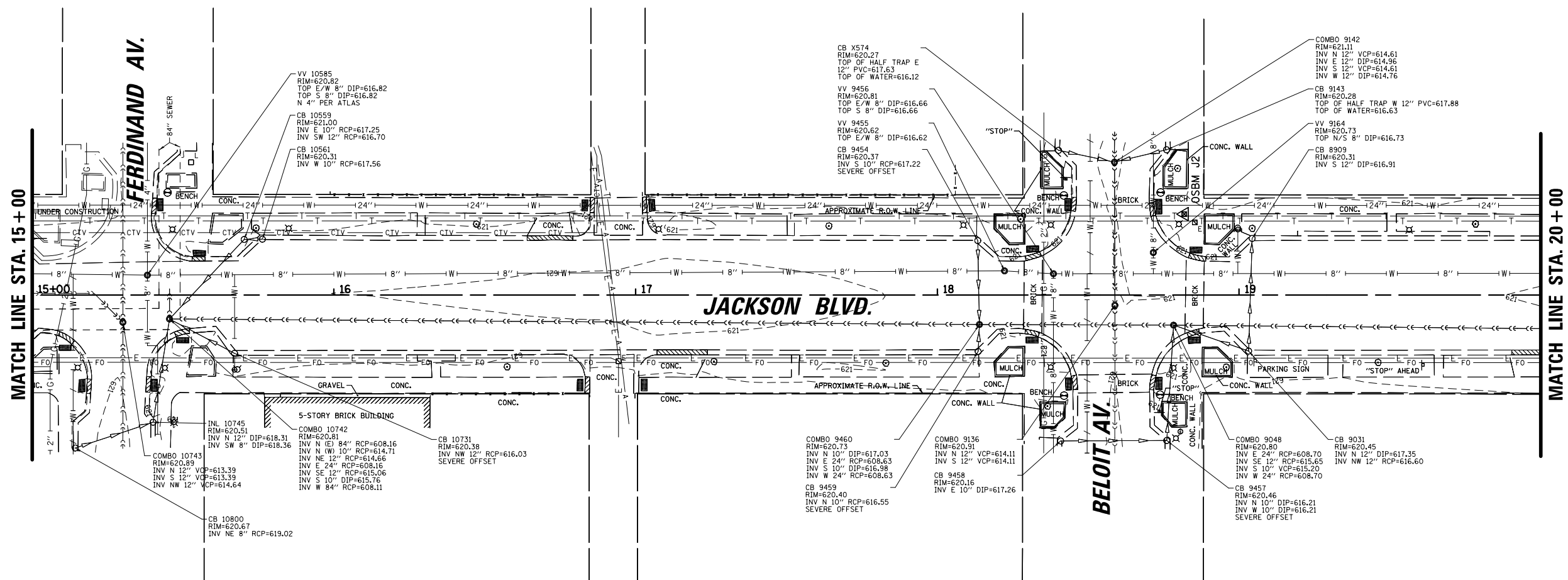
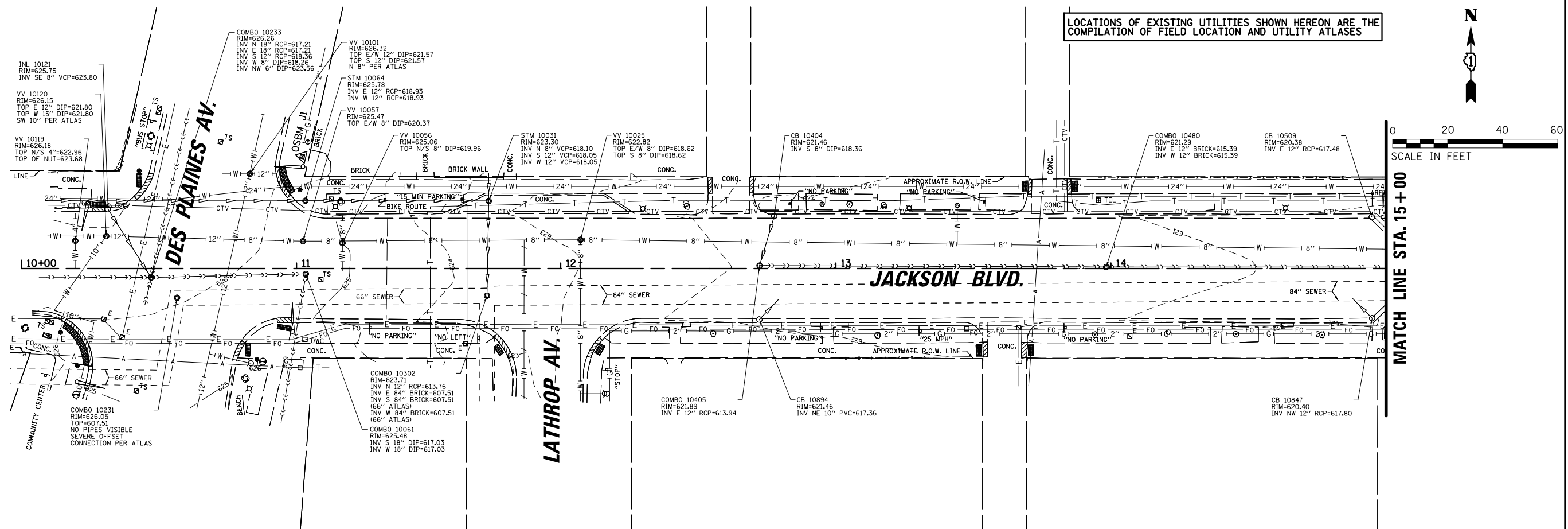
RESURFACING ITEM	AIR Voids @ Ndes	QMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"	4% @ 50 GYR. 3.5% @ 50 GYR.	LR 1030-2 LR 1030-2
PATCHING ITEMS		
CLASS D PATCHES, TYPE I-IV (HMA BINDER IL-19.0)	4% @ 70 GYR.	LR 1030-2
CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL): HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0 - 4"	4% @ 70 GYR.	LR 1030-2
QMP 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. 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 RECLAIMED MATERIAL SPECIFICATIONS.
- NOTES:
- PAVING OF THE FULL ROADWAY WIDTH SHALL BE COMPLETED AT THE END OF EACH DAY OF PAVING TO PREVENT A LONGITUDINAL COLD JOINT FROM APPEARING WHEN OPPOSITE SIDES OF THE ROAD ARE PAVED ON DIFFERENT DAYS. THE CONTRACTOR SHALL ALSO ENSURE THAT AT THE END OF EACH DAY EACH PASS ENDS AT APPROXIMATELY THE SAME STATION TO PREVENT A COLD JOINT.
 - PAVEMENT PATCHING SHALL BE DONE AFTER ROADWAY MILLING AS PER BD-22 DETAIL.

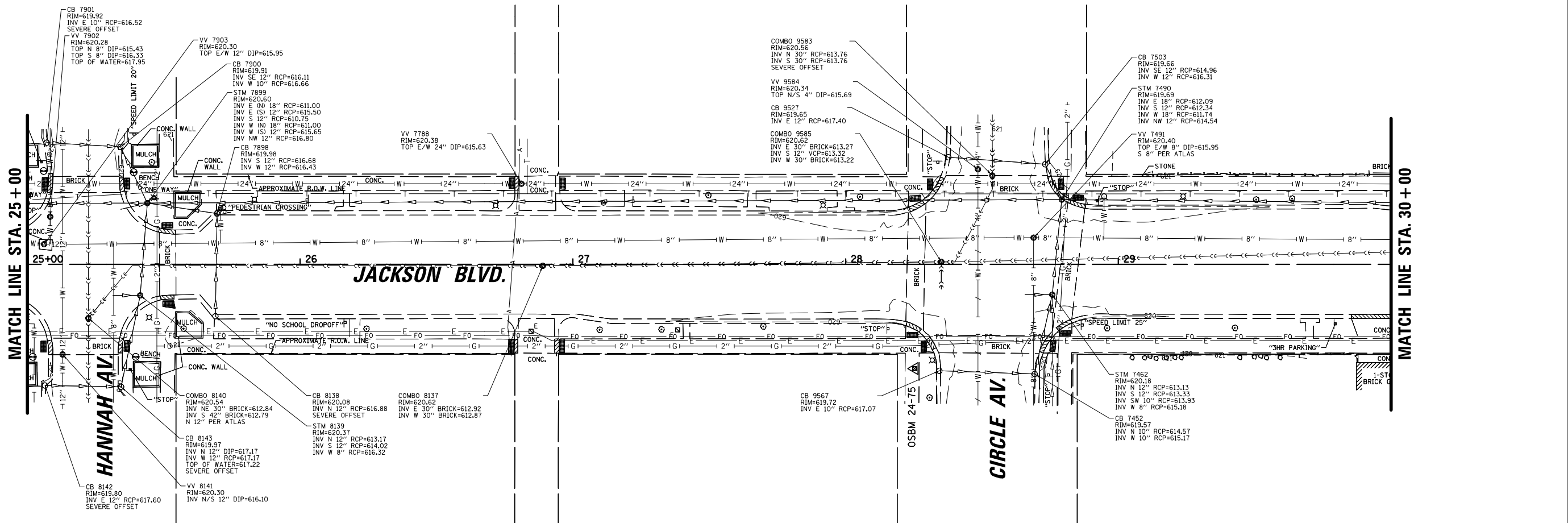
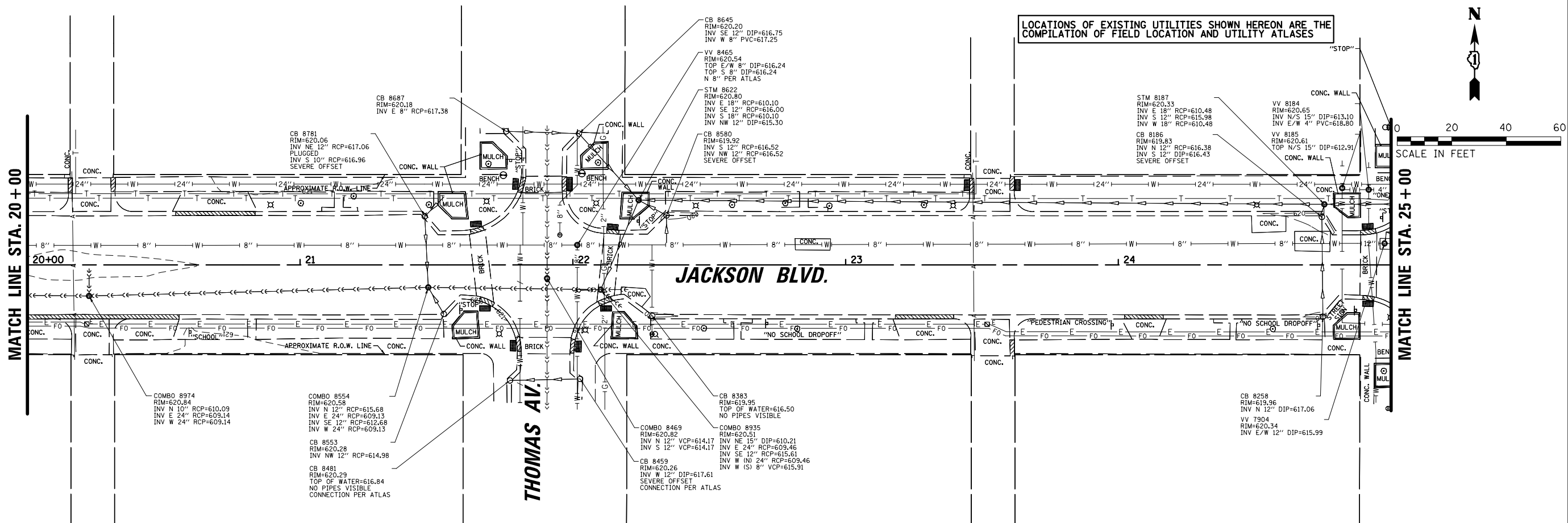


- LEGEND:
- 1 EXISTING HOT-MIX ASPHALT PAVEMENT (2.5"-8.5")
 - 2 EXISTING AGGREGATE SUBBASE
 - 3 EXISTING PCC SIDEWALK/SIDEWALK REMOVAL
 - 4 HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - 5 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
 - 6 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"
 - 7 CLASS D PATCHES, TYPE I-IV, 4 INCH
 - 8 COMBINATION CURB AND GUTTER REMOVAL
 - 9 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 10 TOPSOIL FURNISH AND PLACE, 4" & SODDING, SALT TOLERANT
 - 11 PCC SIDEWALK 5 INCH (AS DETERMINED BY ENGINEER IN FIELD)
 - 12 SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - 13 DRIVEWAY PAVEMENT REMOVAL
 - 14 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH
 - 15 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 - 16 DUCTILE IRON WATER MAIN 8"
 - 17 CLASS D PATCHES, TYPE IV, 6 INCH/CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL)

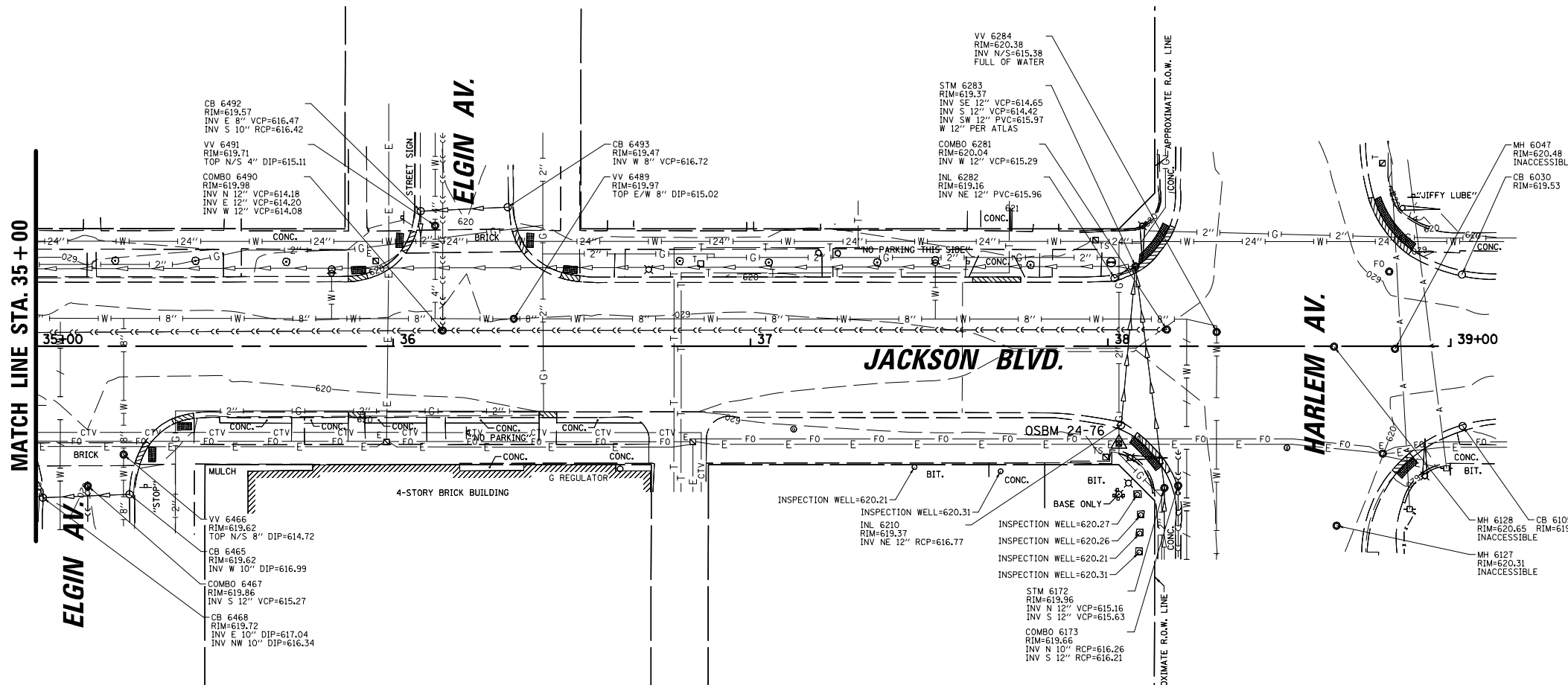
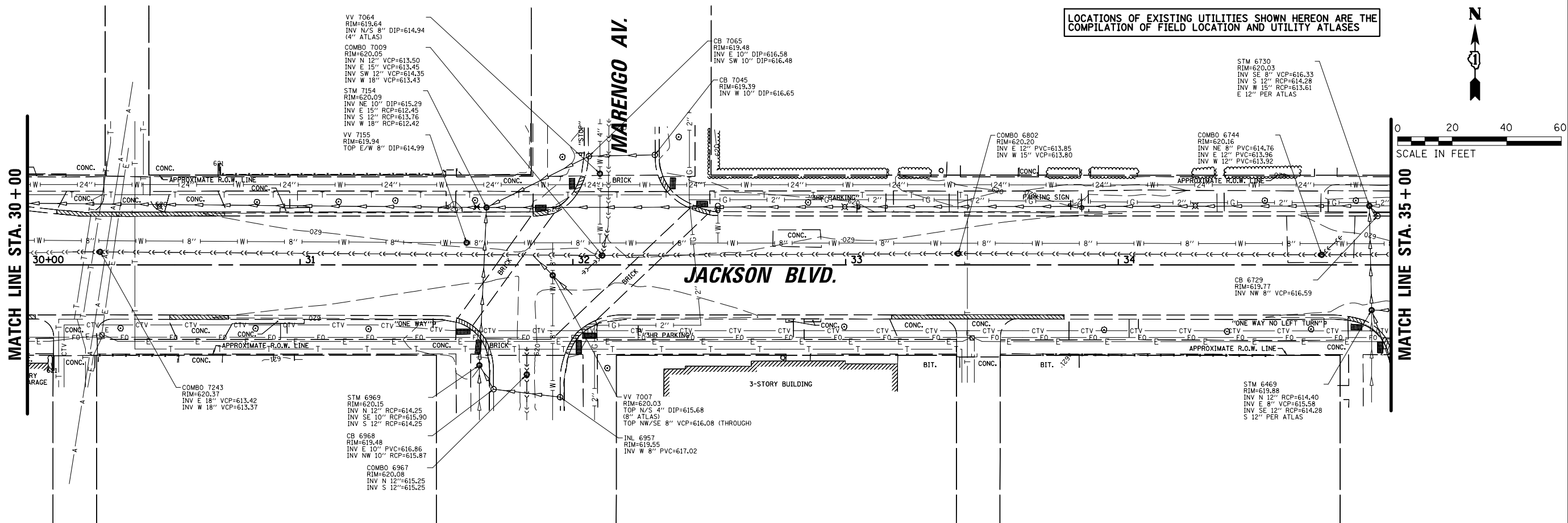
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Default	PLOT SCALE = 80'	CHECKED - JFA	REVISED -		SCALE: N.T.S.			CONTRACT NO. 61L90				
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SHEET OF 10 SHEETS			ILLINOIS FED. AID PROJECT				



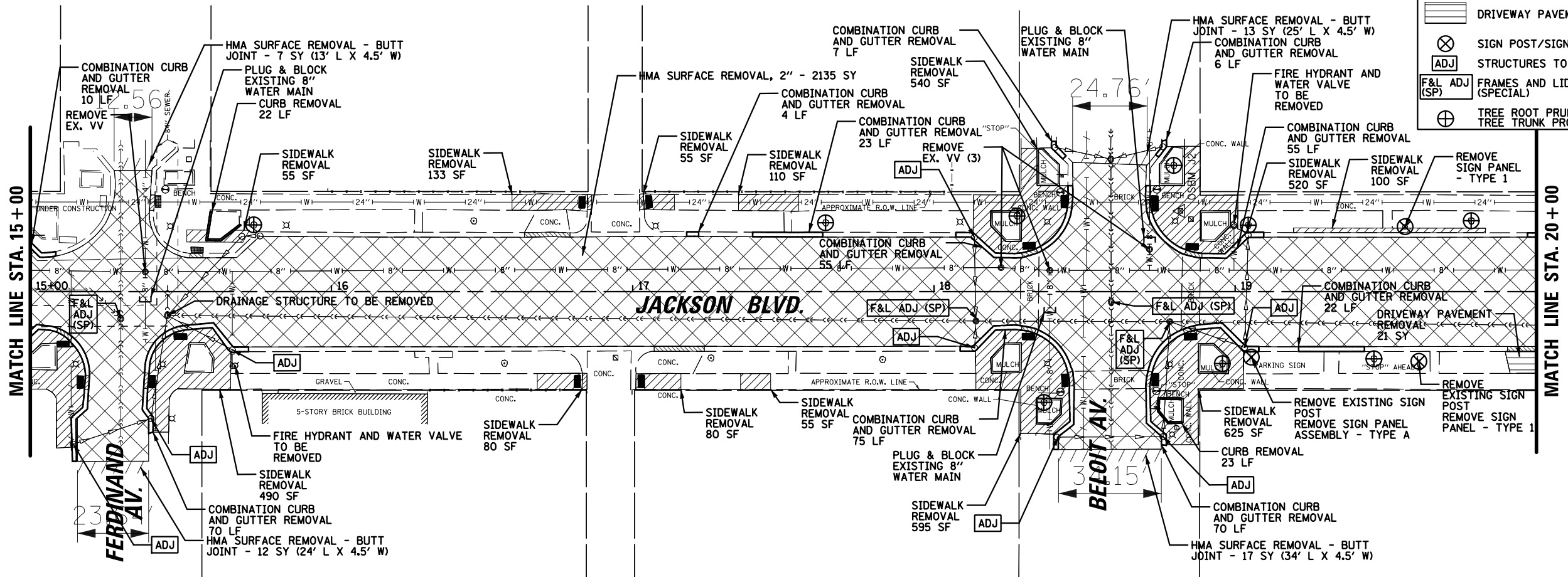
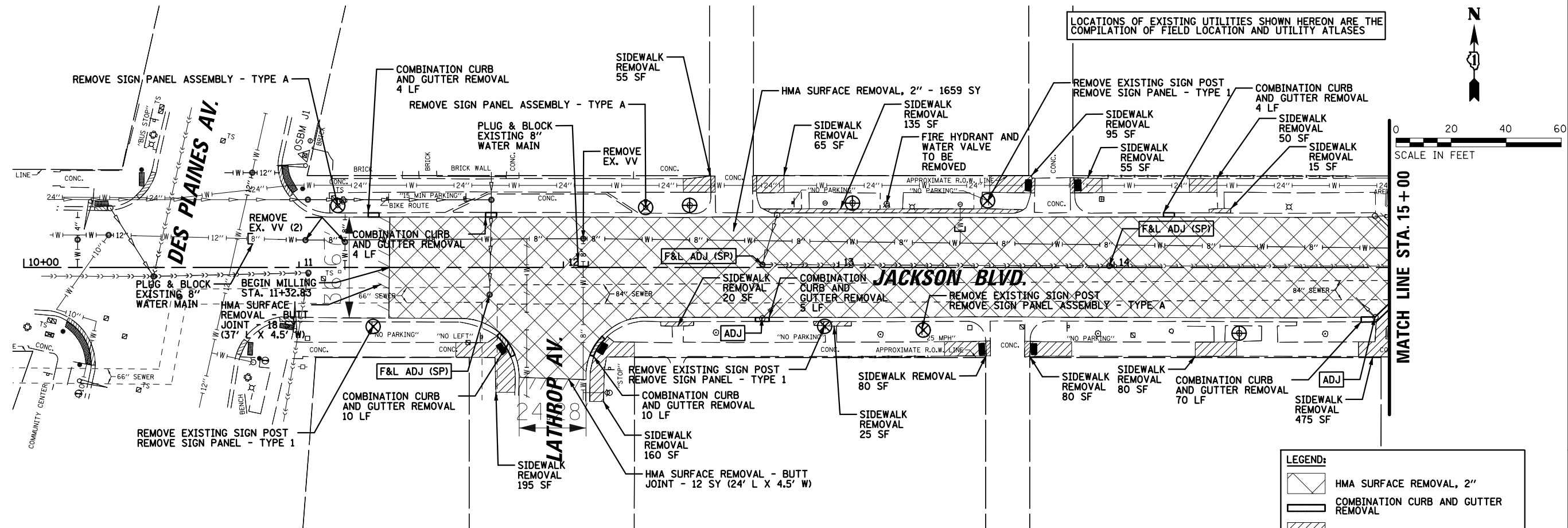
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N:\FORESTPARK\0023\BG130\Civil\EX01_0023.BG130.sht		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	15
PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____			<div>CONTRACT NO. 61L90</div>									
Default PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____								SCALE: 20'	SHEET	OF	SHEETS	STA. 10+00.00



FILE NAME = N:\FORESTPARK\0023\BG130\Civil1\EX002.BG130.sht	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RMW	REVISED - _____					1462	25-00121-00-RS	COOK	49	16
PLOT SCALE = 48"		CHECKED - JFA	REVISED - _____					CONTRACT NO. 61L90				
PLOT DATE = 9/9/2025		DATE - 9/9/2025	REVISED - _____		SCALE: 20'	SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 30+00.00	ILLINOIS FED. AID PROJECT	

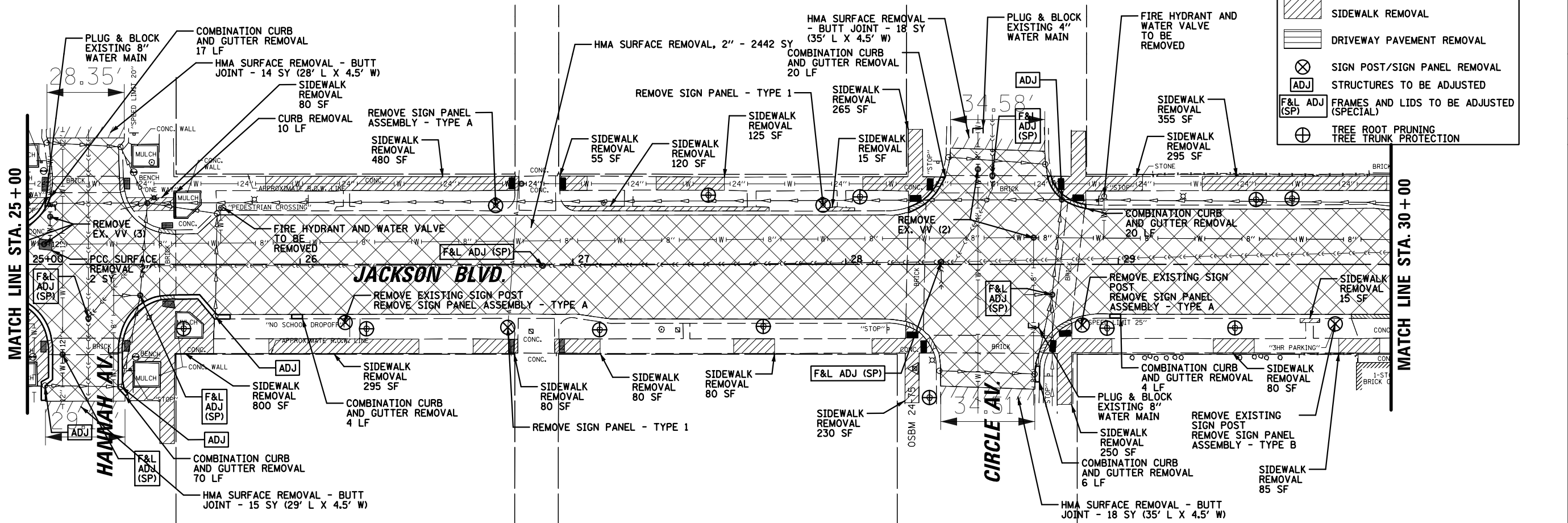
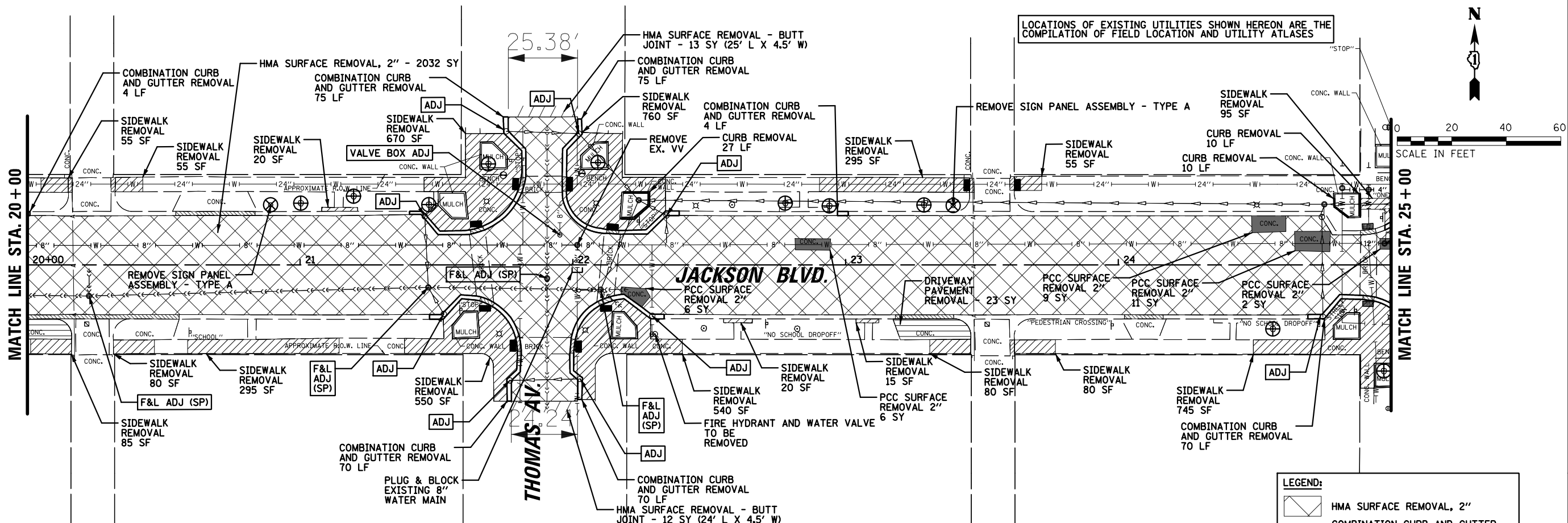


FILE NAME = N:\FORESTPARK\0023\BG130\Civil1\EX03.0023.BG130.sht Default	USER NAME = rwilliams BG130.sht PLOT SCALE = 48" PLOT DATE = 9/9/2025	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RMW	REVISED - _____					1462	25-00121-00-RS	COOK	49	17
		CHECKED - JFA	REVISED - _____		SCALE: 20' SHEET OF SHEETS STA. 30+00.00 TO STA. 39+00.00			CONTRACT NO. 61L90				
		DATE - 9/9/2025	REVISED - _____					ILLINOIS FED. AID PROJECT				

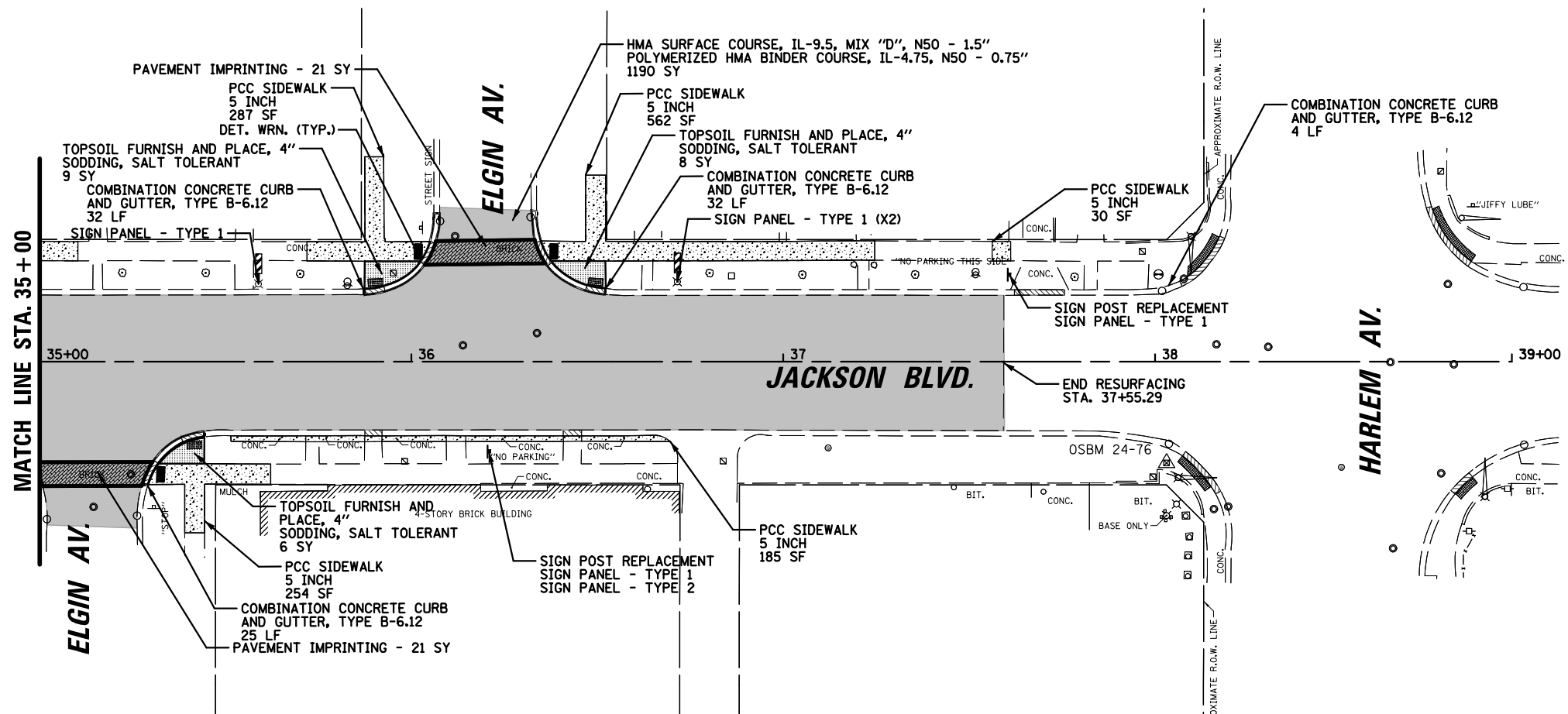
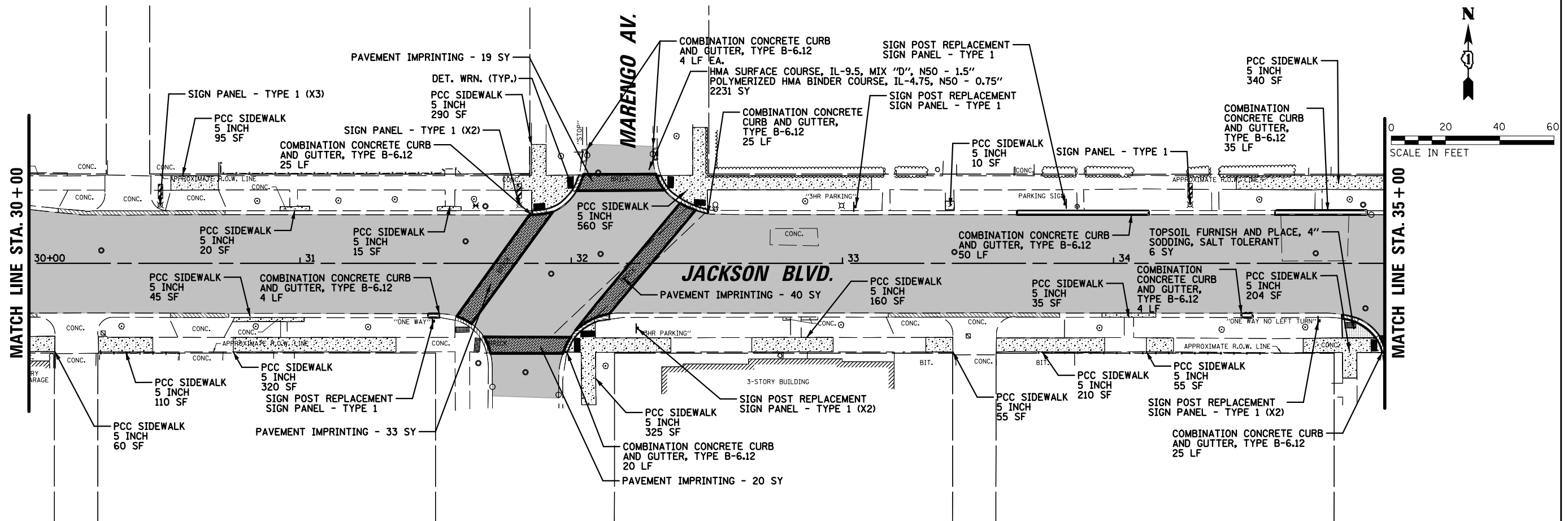


LEGEND:	
	HMA SURFACE REMOVAL, 2"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIGN POST/SIGN PANEL REMOVAL
	STRUCTURES TO BE ADJUSTED
	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	TREE ROOT PRUNING TREE TRUNK PROTECTION

FILE NAME = N:\FORESTPARK\0023\BG130\Civil\REM01.0023.BG130.sht Default	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	18
	PLOT SCALE = 48"	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		ILLINOIS FED. AID PROJECT									
				SCALE: 20'		SHEET	OF	SHEETS	STA. 10+00.00	TO STA. 20+00.00				

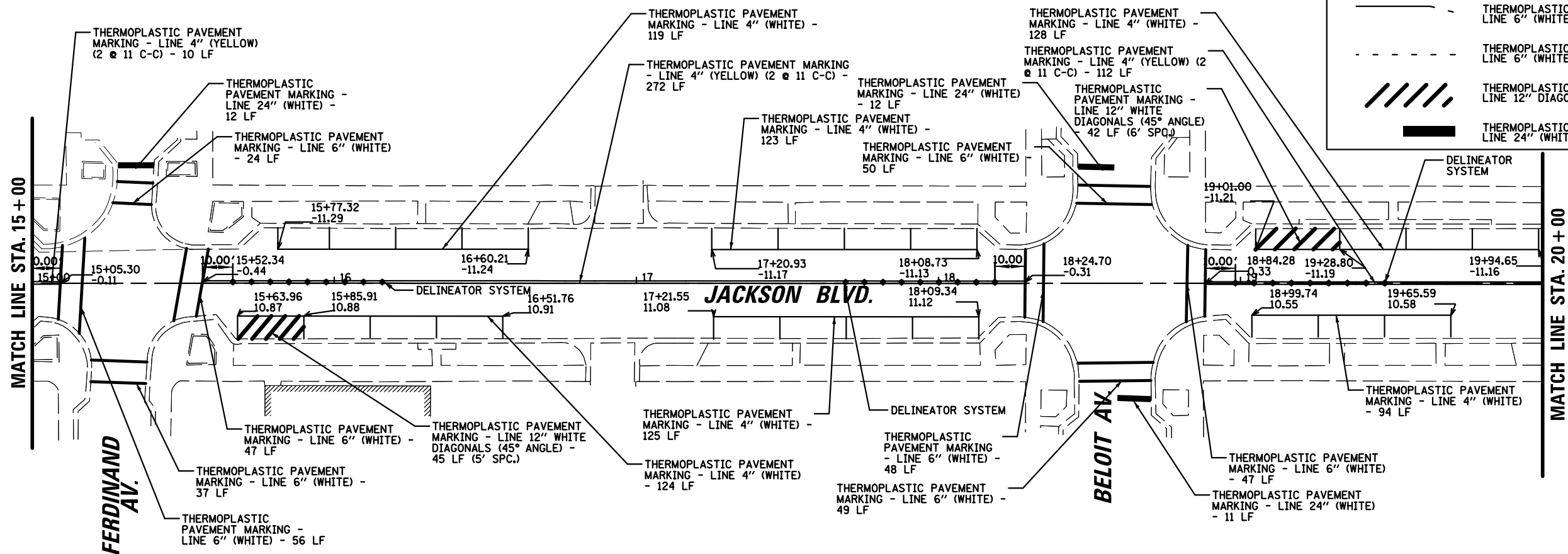
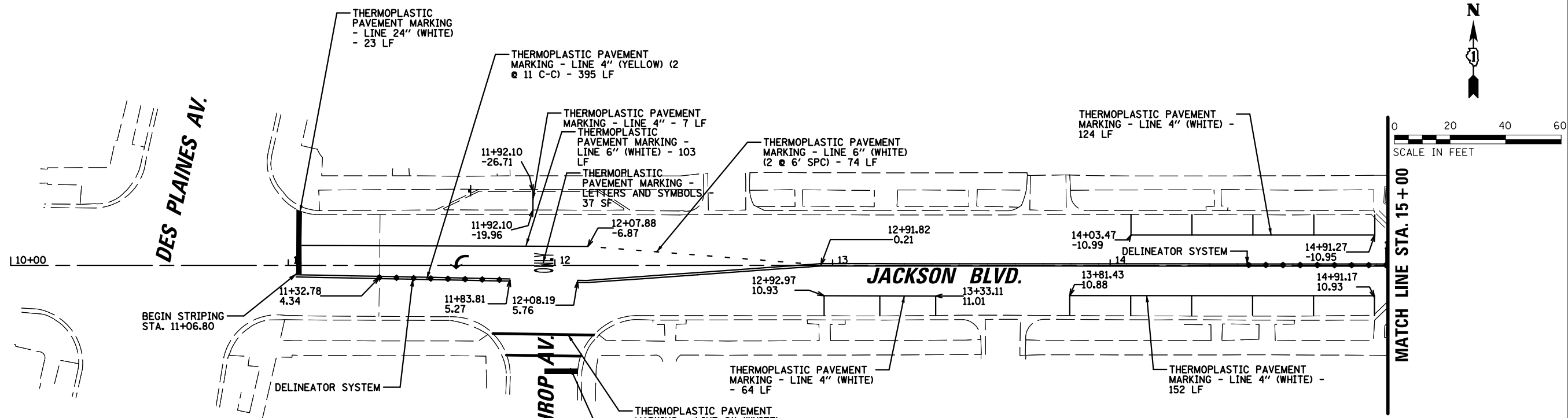


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	PLOT SCALE = 40'	DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	19
	PLOT DATE = 9/9/2025	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
	DATE - 9/9/2025	REVISED - _____	SCALE: 20'		SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 30+00.00	ILLINOIS FED. AID PROJECT				

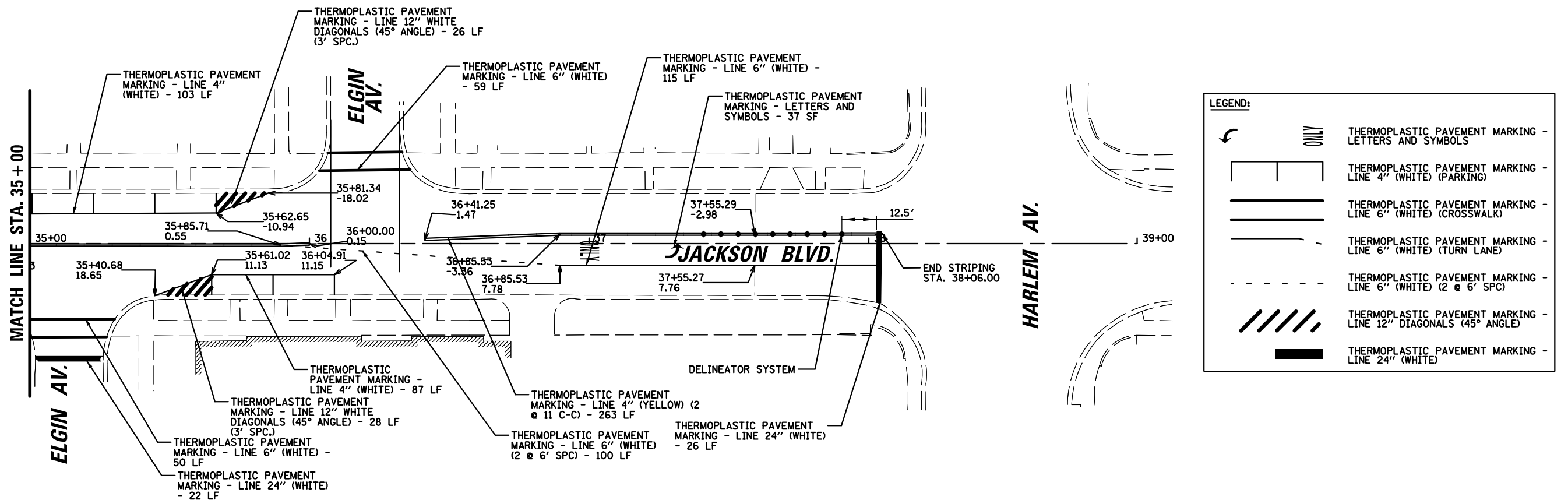
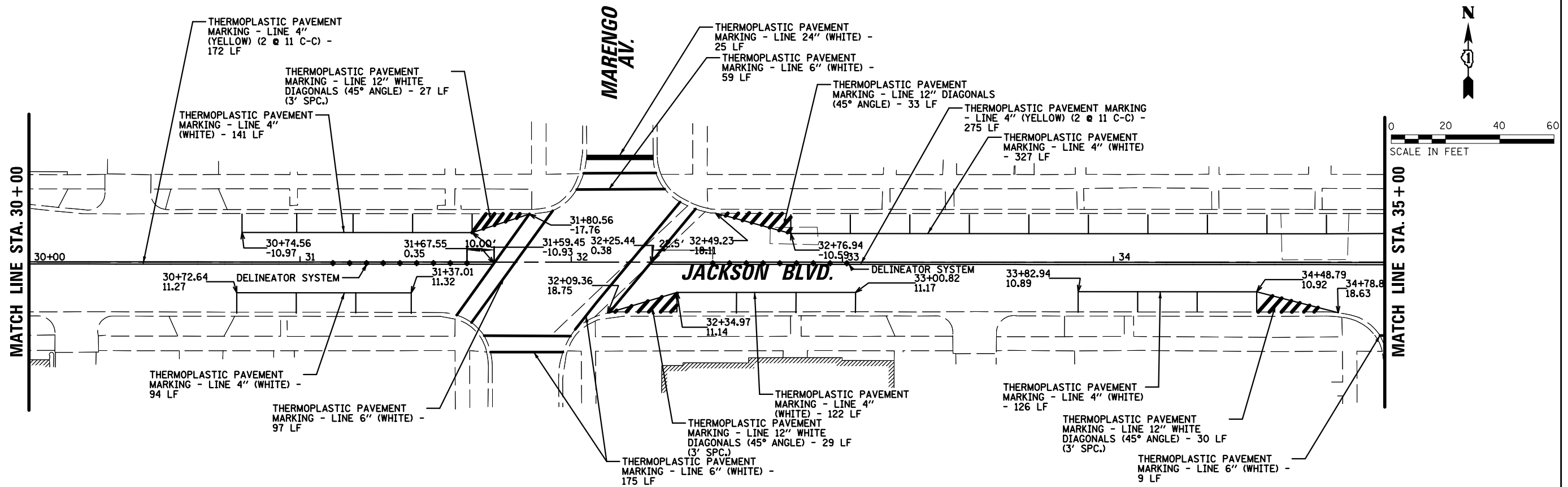


LEGEND:	
	HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 - 0.75"
	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
	PCC SIDEWALK, 5 INCH
	PAVEMENT IMPRINTING
	PCC DRIVEWAY PAVEMENT, 7 INCH
	DETECTABLE WARNINGS
	SIGN POST & PANEL REPLACEMENT
	SIGN PANEL REPLACEMENT

FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RESURFACING PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\PRO03_0023.BG130.sht		DRAWN - RMW	REVISED -				1462	25-00121-00-RS	COOK	49	23
PLOT SCALE = 48"		CHECKED - JFA	REVISED -		CONTRACT NO. 61L90						
DATE = 9/9/2025		DATE = 9/9/2025	REVISED -		SCALE: 20'	SHEET OF SHEETS	STA. 30+00.00	TO STA. 37+55.29	ILLINOIS FED. AID PROJECT		



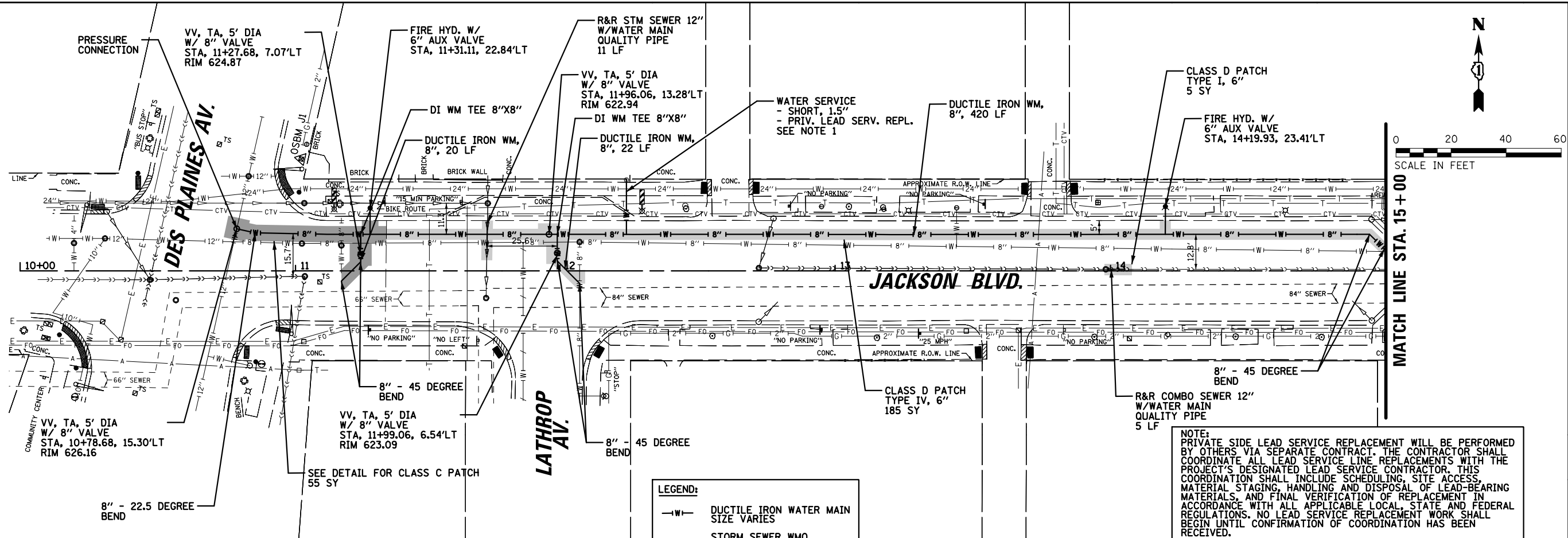
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		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	24
	PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____							ILLINOIS FED. AID PROJECT				
				SCALE: 20'	SHEET	OF	SHEETS	STA. 10+00.00	TO STA. 20+00.00					



FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\PMK03.0023.BG130.sht		DRAWN - RMW	REVISED -				1462	25-00121-00-RS	COOK	49	26
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	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: 20'	SHEET OF SHEETS	STA. 30+00.00 TO STA. 39+00.00	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CHECKED			
FILE NAME			

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE
COMPILATION OF FIELD LOCATION AND UTILITY ATLASES



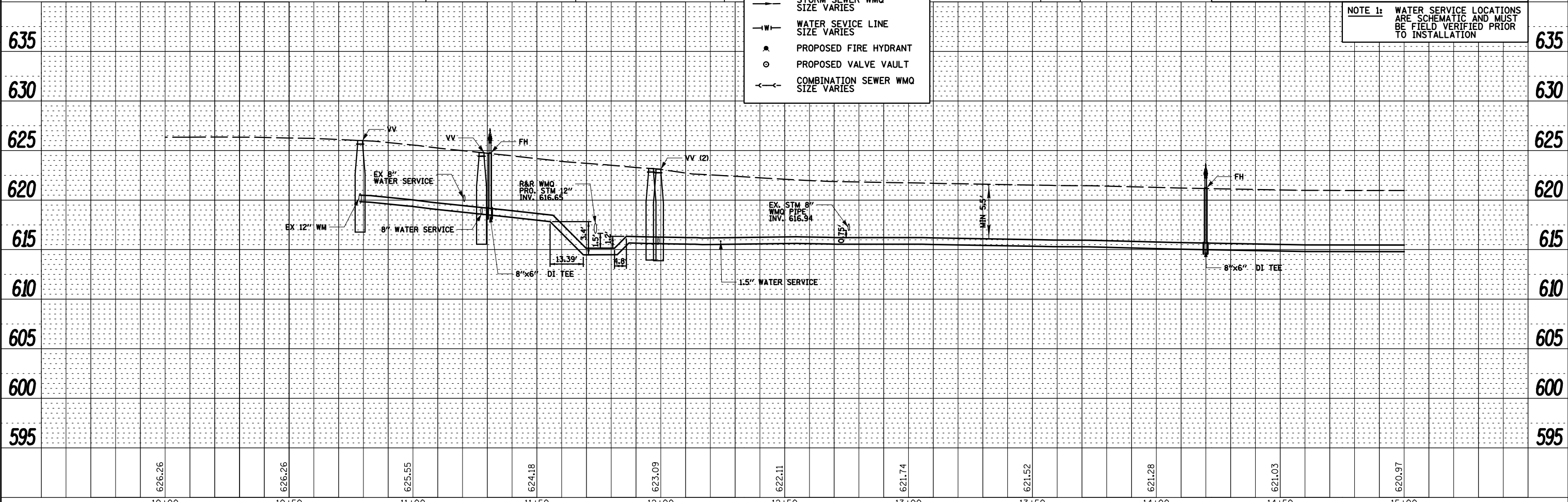
LEGEND:

- W— DUCTILE IRON WATER MAIN
SIZE VARIES
- S— STORM SEWER WMQ
SIZE VARIES
- W— WATER SERVICE LINE
SIZE VARIES
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE VAULT
- C— COMBINATION SEWER WMQ
SIZE VARIES

NOTE:
PRIVATE SIDE LEAD SERVICE REPLACEMENT WILL BE PERFORMED
BY OTHERS VIA SEPARATE CONTRACT. THE CONTRACTOR SHALL
COORDINATE ALL LEAD SERVICE LINE REPLACEMENTS WITH THE
PROJECT'S DESIGNATED LEAD SERVICE CONTRACTOR. THIS
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NOTE 1: WATER SERVICE LOCATIONS
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TO INSTALLATION

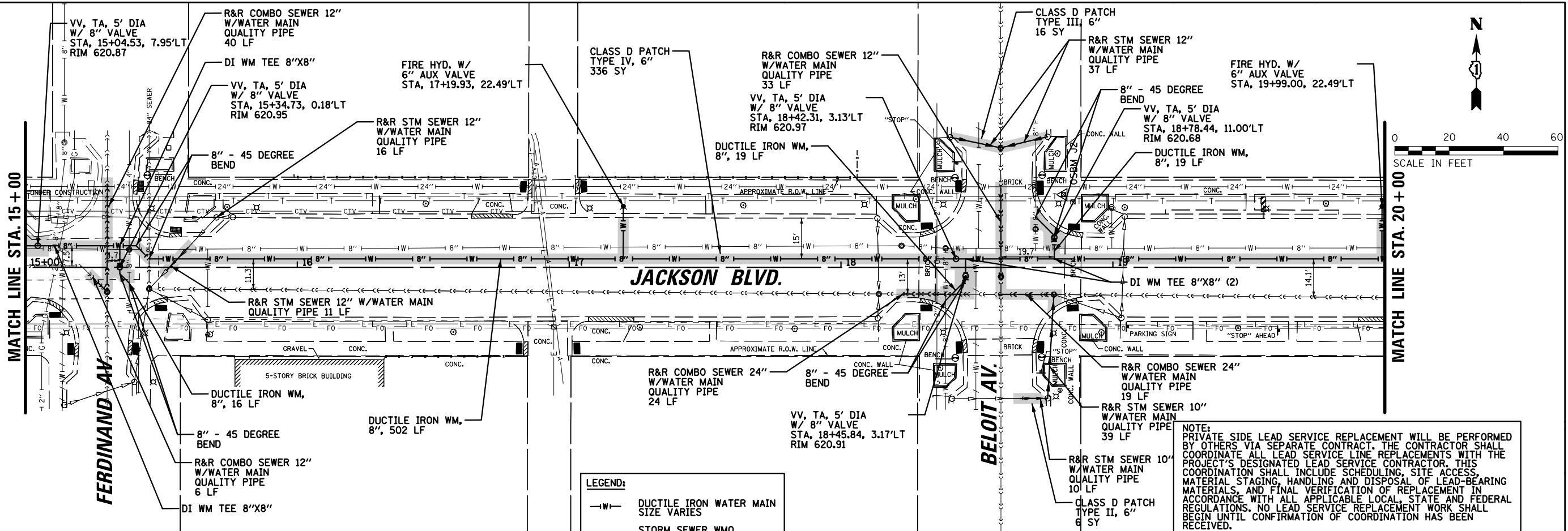
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CHECKED			
STRUCTURE NOTATION CHKD			



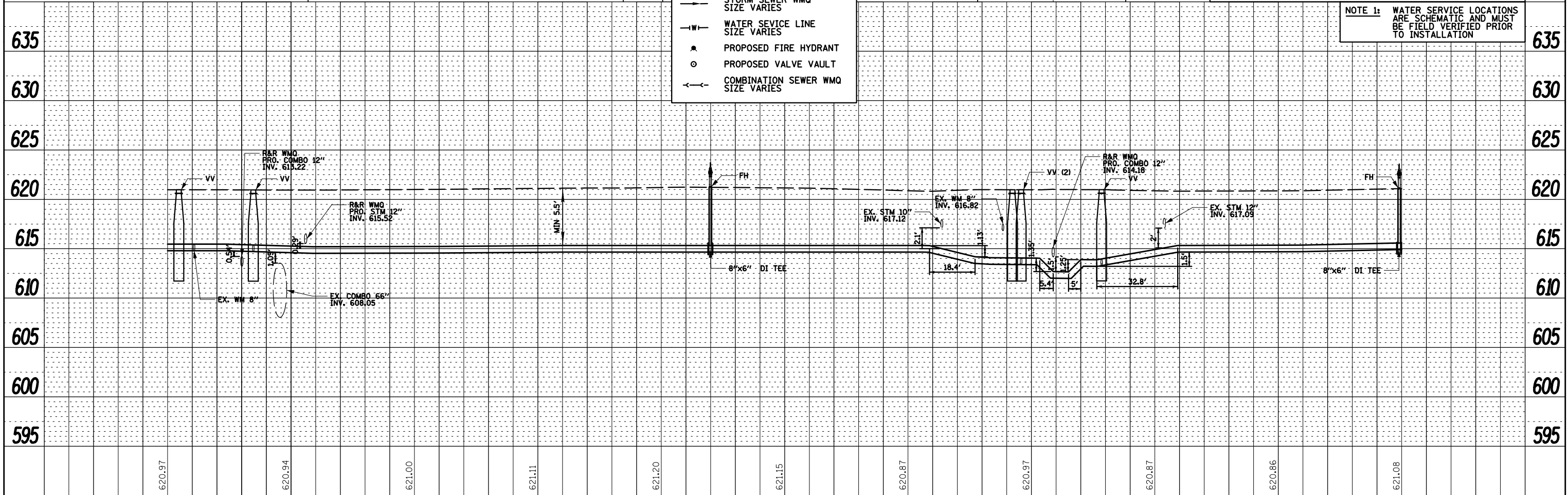
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		DRAWN - RMW		REVISED - _____		1462	25-00121-00-RS													COOK	49	27			
		PLOT SCALE = 40"		CHECKED - JFA		REVISED - _____																CONTRACT NO. 61L90			
		PLOT DATE = 9/9/2025		DATE - 9/9/2025		REVISED - _____														SCALE: 20'		SHEET	OF	SHEETS	STA. 10+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	NO.		

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE
COMPILATION OF FIELD LOCATION AND UTILITY ATLASES



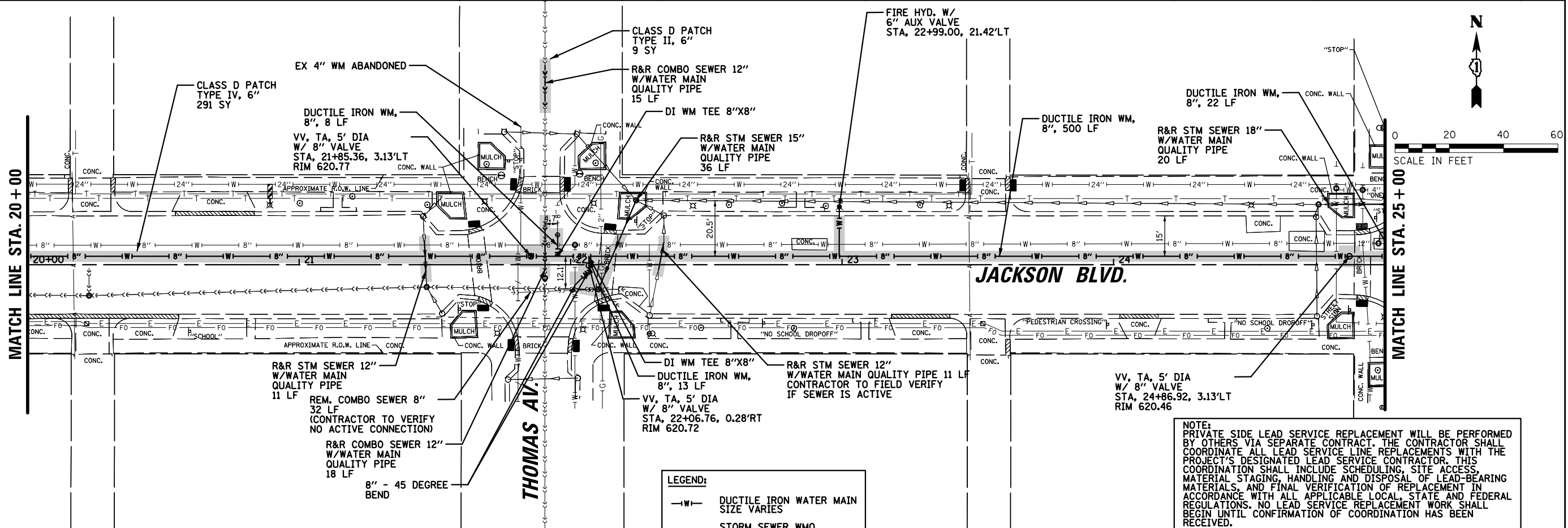
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	PLOTTED		
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	FILE NAME		
	NO.		



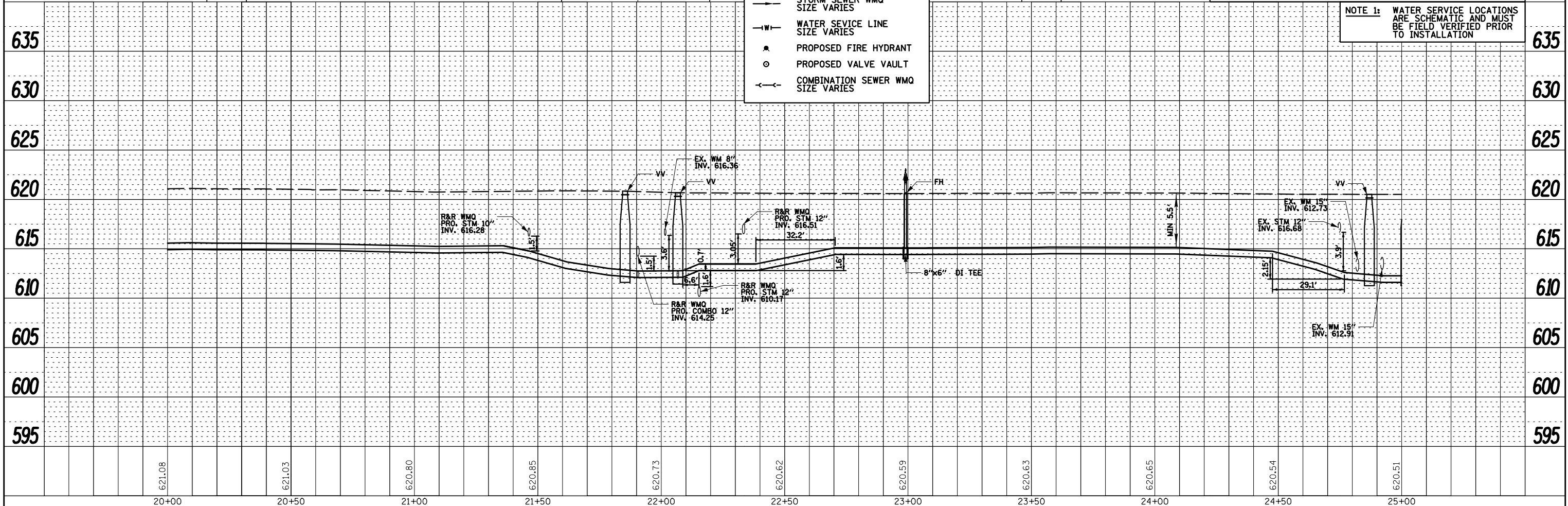
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FILE NAME =		USER NAME = rwilliams		DESIGNED - RMW		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						PROPOSED WATERMAIN PLAN & PROFILE						F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.						
N:\FORESTPARK\0023\BG130\Civil\RP02.0023		BG130 -WM.sht		DRAWN - RMW		REVISED -														1462	25-00121-00-RS		COOK	49	28						
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		PLOT DATE = 9/9/2025		DATE - 9/9/2025		REVISED -																	ILLINOIS	FED. AID	PROJECT						

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
NOTE BOOK			
NO.			

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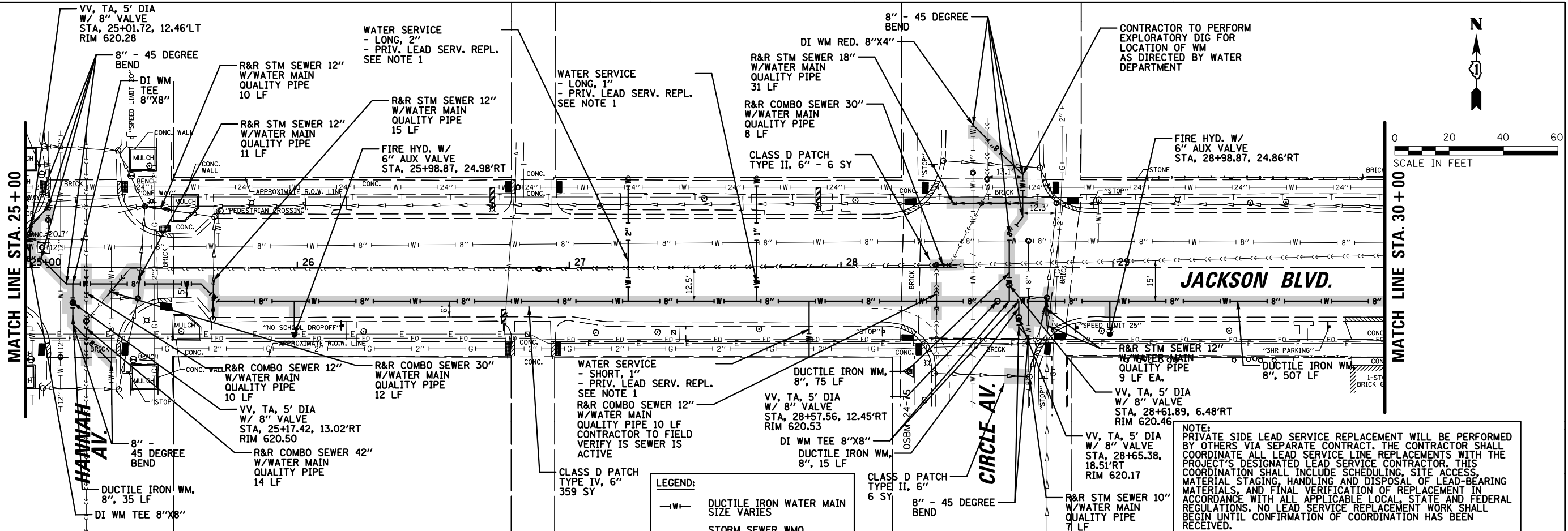
PROFILE	SURVEYED	BY	DATE
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	NOTATIS CHKO		
NOTE BOOK			
NO.			



FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED WATERMAIN PLAN & PROFILE					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\RPP03.0023	BG130 -WM.sht	DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	29
Default	PLOT SCALE = 48'	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		SCALE: 20'	SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 25+00.00	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE
COMPILATION OF FIELD LOCATION AND UTILITY ATLASES

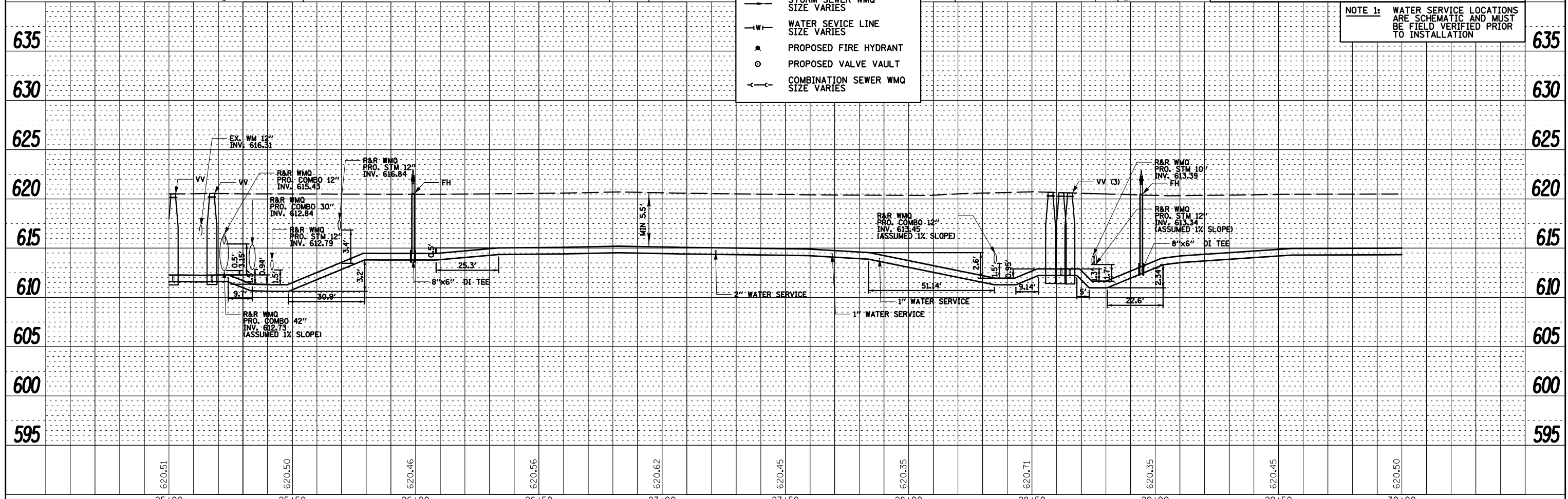


- LEGEND:
- W— DUCTILE IRON WATER MAIN
SIZE VARIES
 - S— STORM SEWER WMQ
SIZE VARIES
 - W— WATER SERVICE LINE
SIZE VARIES
 - ▲ PROPOSED FIRE HYDRANT
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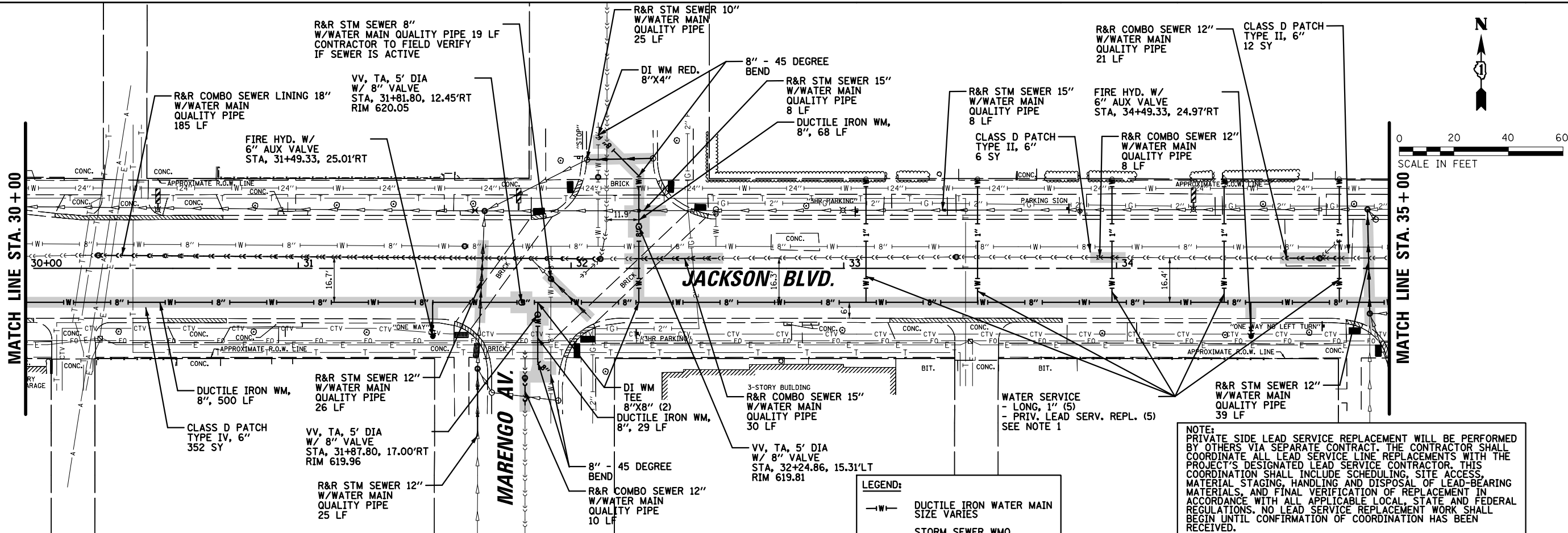
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	STRUCTURE NOTATION CHKO		



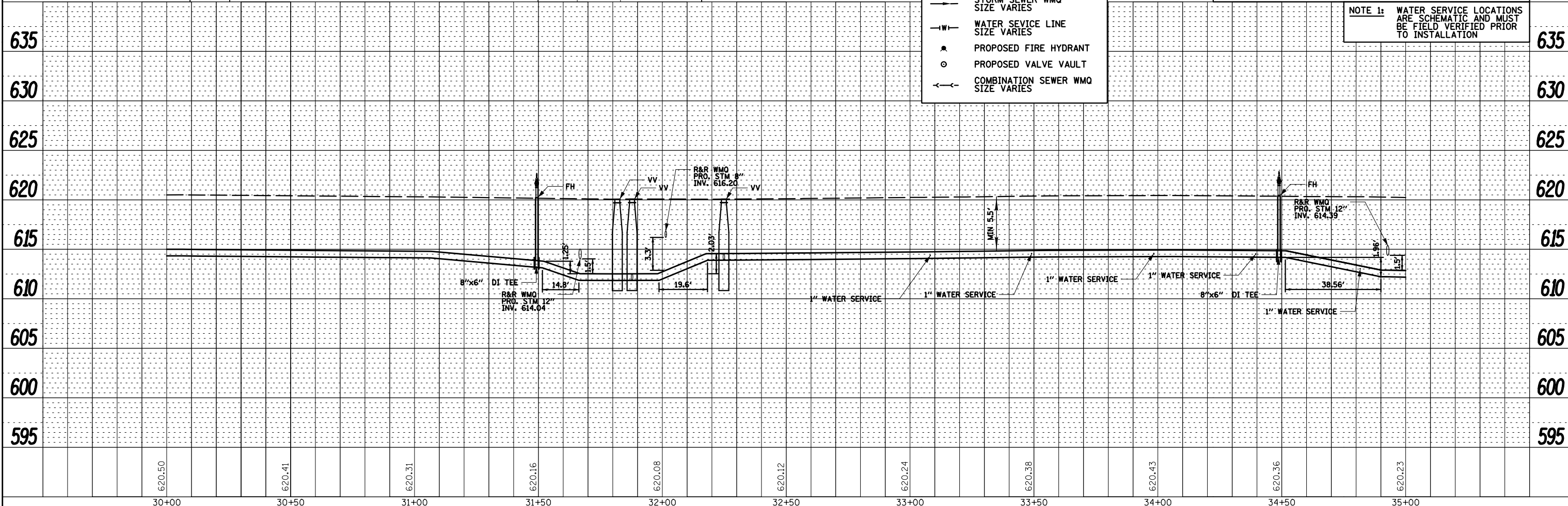
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	PLOT DATE = 11/6/2025	DATE - 11/6/2025	REVISED -			ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CHECKED	ALIGNED		
NO.	CADD FILE NAME		

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE
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PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CHECKED	GRADES		
NO.	STRUCTURE	NOTATION	CHKD

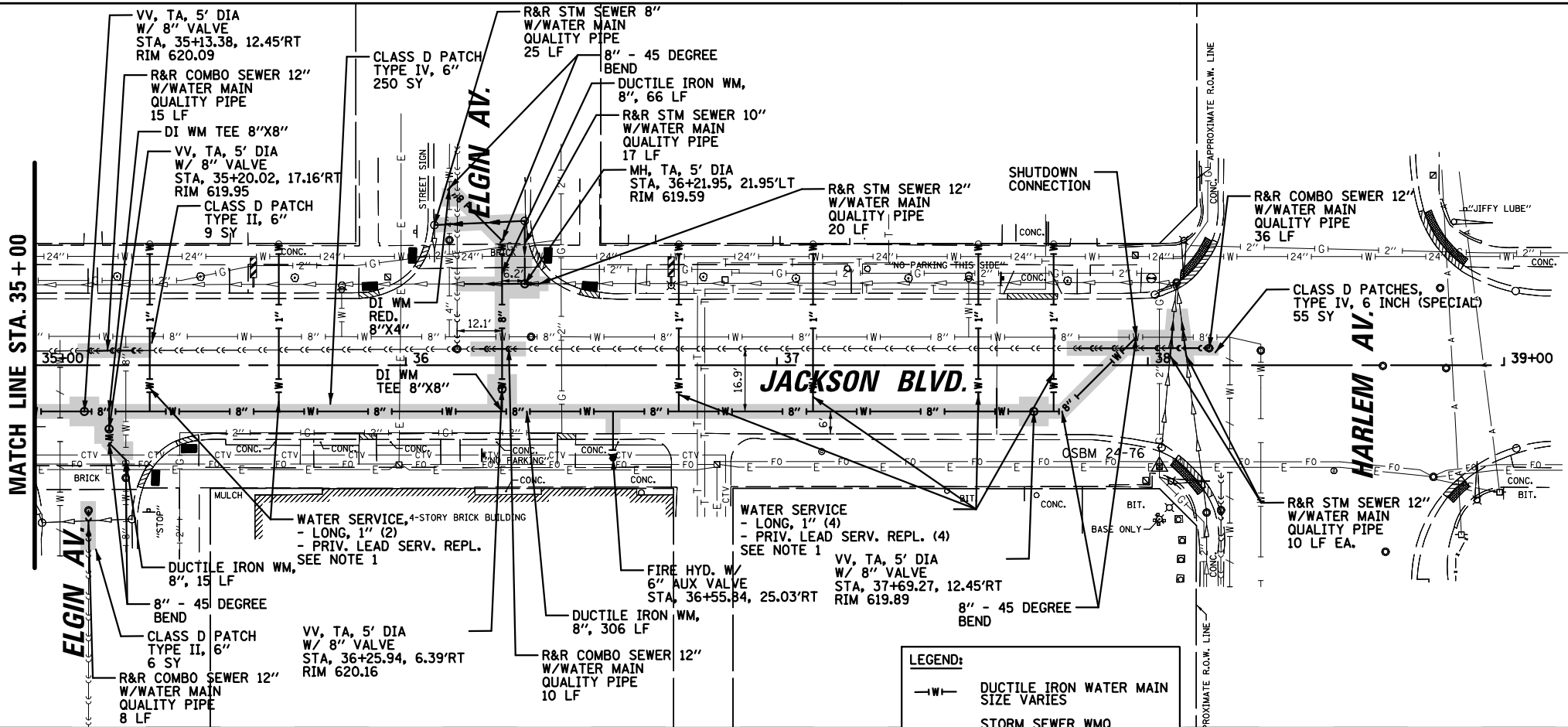


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	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		SCALE: 20'	SHEET	OF	SHEETS	STA. 30+00.00	TO STA. 35+00.00	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		

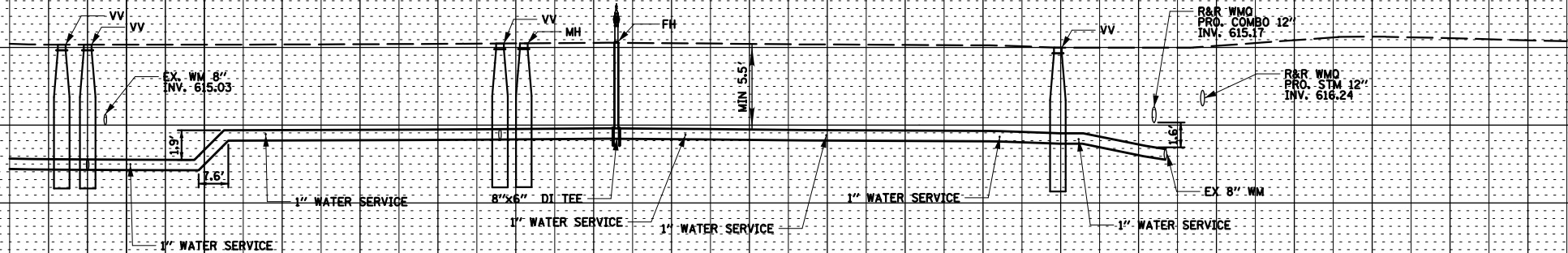
LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE
COMPILATION OF FIELD LOCATION AND UTILITY ATLASES



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SIZE VARIES
 - S— STORM SEWER WMQ
SIZE VARIES
 - W— WATER SERVICE LINE
SIZE VARIES
 - PROPOSED FIRE HYDRANT
 - PROPOSED VALVE VAULT
 - C— COMBINATION SEWER WMQ
SIZE VARIES



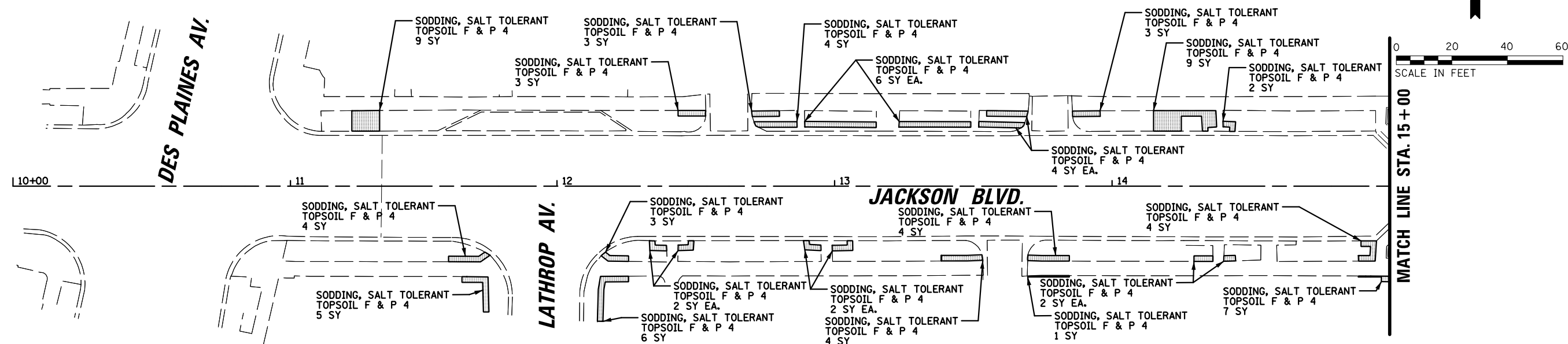
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Default	PLOT SCALE = 48"	CHECKED - JFA	REVISED -
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






PROPOSED WATERMAIN
PLAN & PROFILE

SCALE: 20' SHEET OF SHEETS STA. 35+00.00 TO STA. 39+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	32
CONTRACT NO. 61L90				
ILLINOIS FED. AID PROJECT				



LEGEND:

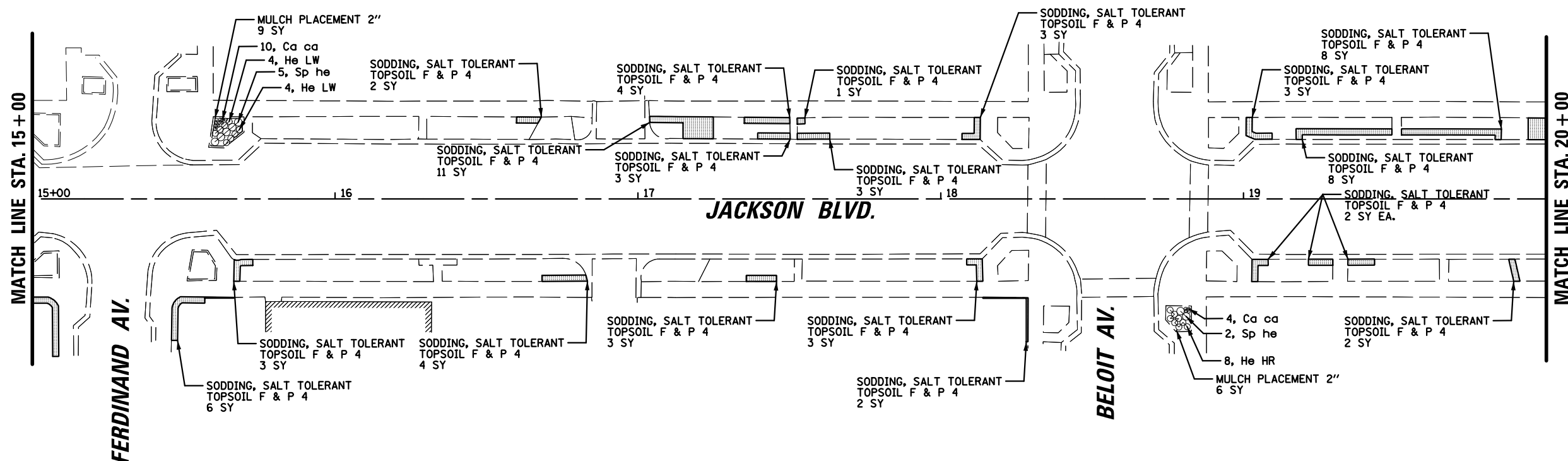
	SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE 4"
	Ca ca
	He LW
	Sp he
	He HR

GENERAL CONSTRUCTION NOTES:

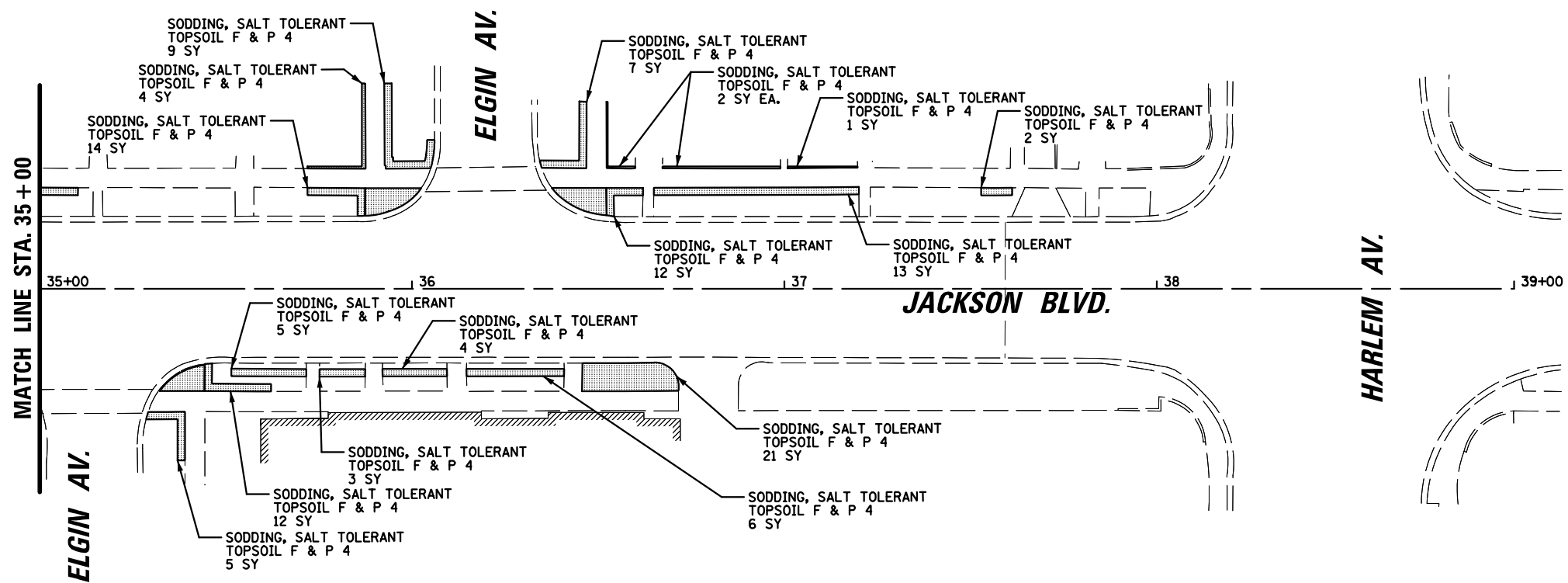
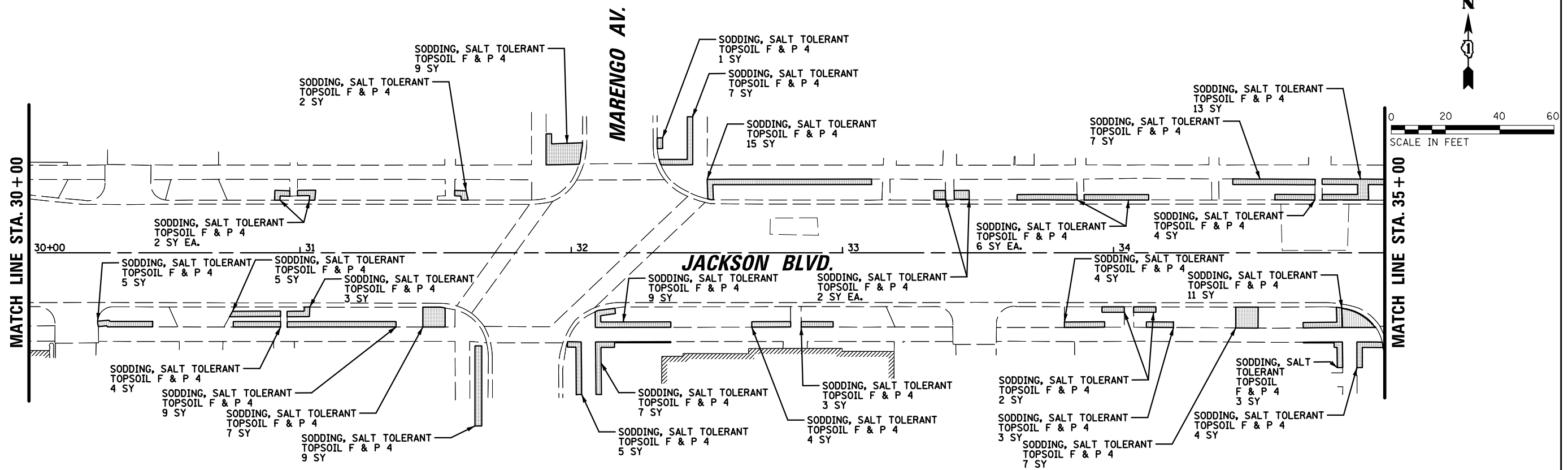
1. ALL ALTERATIONS AND SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
2. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
5. ALL TREE PROTECTION, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
6. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

PLANT LIST

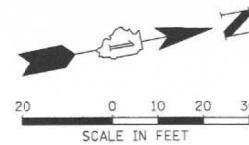
Perennials / Groundcovers / Grasses						
Sym.	Botanical Name	Common Name	QTY.	Size	Cond.	Spacing
Ca ca	Campanula carpatica 'Blue Clips'	Blue Clips Harebell	24	*1	Cont.	1' O.C.
He HR	Hemerocallis 'Happy Returns'	Happy Returns Daylily	39	*1	Cont.	2' O.C.
He LW	Hemerocallis 'Little Wine Cup'	Little Wine Cup Daylily	18	*1	Cont.	2' O.C.
Sp he	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	11	*1	Cont.	2.5' O.C.



FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	<div>STATE OF ILLINOIS</div> <div>DEPARTMENT OF TRANSPORTATION</div>	<div>LANDSCAPING RESTORATION PLAN</div>					F.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\LAND01.0023.BG130.sht	DRAWN - RMW	REVISED - _____	1462							25-00121-00-RS	COOK	49	33	
PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____	<div>CONTRACT NO. 61L90</div>											
PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____												
Default				SCALE: 20'	SHEET	OF	SHEETS	STA. 10+00.00	TO	STA. 20+00.00	ILLINOIS FED. AID PROJECT			



FILE NAME = N:\FORESTPARK\0023\BG130\Civil\LAND03_0023.BG130.sht Default	USER NAME = rwilliams 23.BG130.sht PLOT SCALE = 48" PLOT DATE = 9/9/2025	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING RESTORATION PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RMW	REVISED - _____					1462	25-00121-00-RS	COOK	49	35
		CHECKED - JFA	REVISED - _____		SCALE: 20' SHEET OF SHEETS STA. 30+00.00 TO STA. 39+00.00			CONTRACT NO. 61L90				
		DATE - 9/9/2025	REVISED - _____					ILLINOIS FED. AID PROJECT				



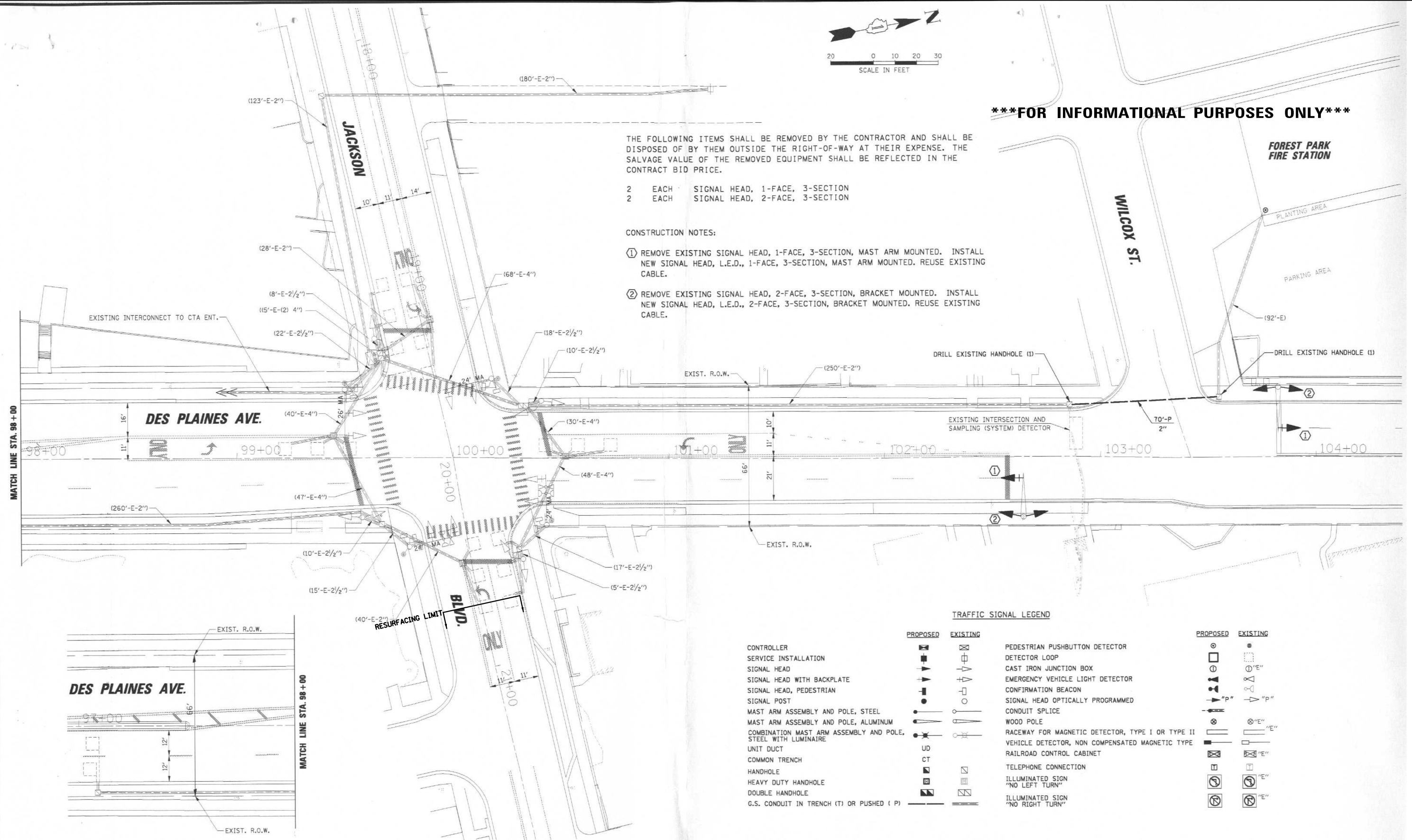
FOR INFORMATIONAL PURPOSES ONLY

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

- 2 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 3-SECTION

CONSTRUCTION NOTES:

- 1 REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED. INSTALL NEW SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED. REUSE EXISTING CABLE.
- 2 REMOVE EXISTING SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED. REUSE EXISTING CABLE.



TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
CONTROLLER	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]
SERVICE INSTALLATION	[Symbol]	DETECTOR LOOP	[Symbol]
SIGNAL HEAD	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	CONFIRMATION BEACON	[Symbol]
SIGNAL POST	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	CONDUIT SPLICE	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	WOOD POLE	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]
UNIT DUCT	[Symbol]	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]
COMMON TRENCH	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]
HANDHOLE	[Symbol]	TELEPHONE CONNECTION	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO LEFT TURN"	[Symbol]
DOUBLE HANDHOLE	[Symbol]	ILLUMINATED SIGN "NO RIGHT TURN"	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]		



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

CLIENT:



VILLAGE OF FOREST PARK
517 DES PLAINES AVENUE
FOREST PARK, IL 60130-1801

DSGN.	ABR	
DWN.	FPB	
CHKD.	GMZ	
SCALE:	1" = 20'	
DATE:	4/23/2007	

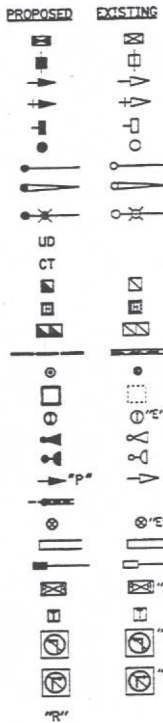
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TRAFFIC SIGNAL MODIFICATION PLAN
DES PLAINES AVENUE AT JACKSON BOULEVARD
FOREST PARK, ILLINOIS

PROJECT NO.
03590
SHEET 2 OF 7
DRAWING NO.
MOD-1

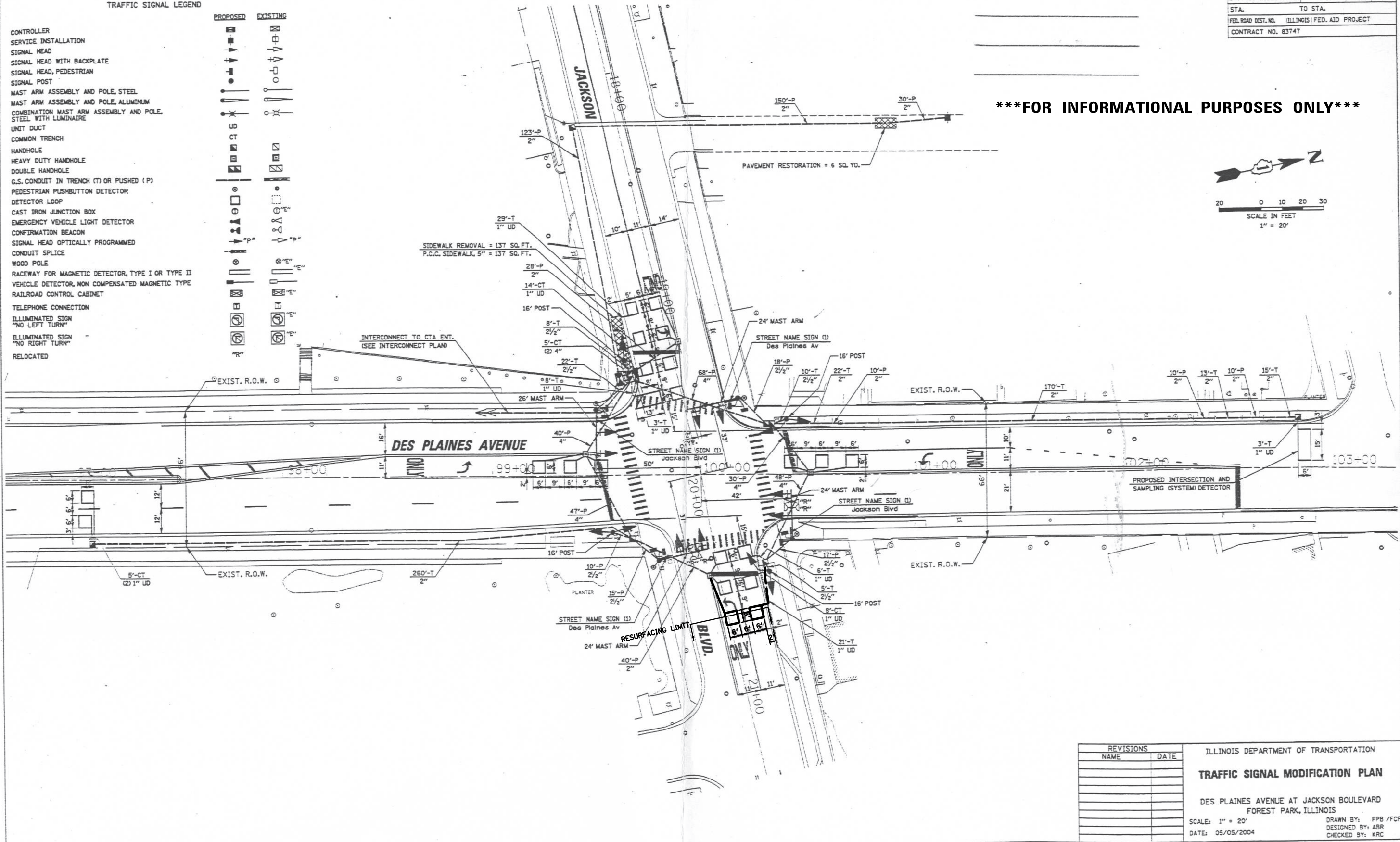
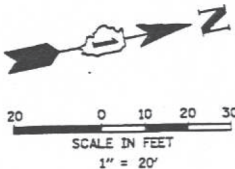
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PLOT SCALE = 80'		CHECKED - JFA	REVISED -						CONTRACT NO. 61L90				
PLOT DATE = 9/9/2025		DATE - 9/9/2025	REVISED -						ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

CONTROLLER
SERVICE INSTALLATION
SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE
SIGNAL HEAD, PEDESTRIAN
SIGNAL POST
MAST ARM ASSEMBLY AND POLE, STEEL
MAST ARM ASSEMBLY AND POLE, ALUMINUM
COMBINATION MAST ARM ASSEMBLY AND POLE,
STEEL WITH LUMINAIRE
UNIT DUCT
COMMON TRENCH
HANDHOLE
HEAVY DUTY HANDHOLE
DOUBLE HANDHOLE
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
PEDESTRIAN PUSHBUTTON DETECTOR
DETECTOR LOOP
CAST IRON JUNCTION BOX
EMERGENCY VEHICLE LIGHT DETECTOR
CONFIRMATION BEACON
SIGNAL HEAD OPTICALLY PROGRAMMED
CONDUIT SPLICE
WOOD POLE
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
RAILROAD CONTROL CABINET
TELEPHONE CONNECTION
ILLUMINATED SIGN
"NO LEFT TURN"
ILLUMINATED SIGN
"NO RIGHT TURN"
RELOCATED



FOR INFORMATIONAL PURPOSES ONLY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL MODIFICATION PLAN

DES PLAINES AVENUE AT JACKSON BOULEVARD
FOREST PARK, ILLINOIS
SCALE: 1" = 20'
DATE: 05/05/2004
DRAWN BY: FPB /FCP
DESIGNED BY: ABR
CHECKED BY: KRC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES AVENUE INTERSECTION
TRAFFIC SIGNAL PLANS

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

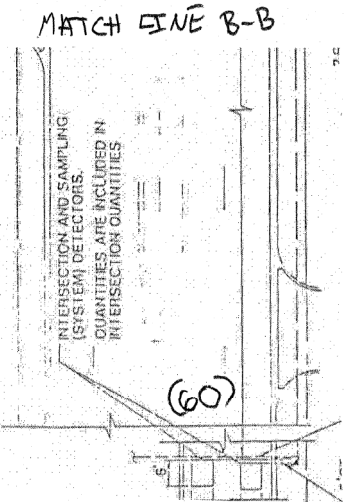
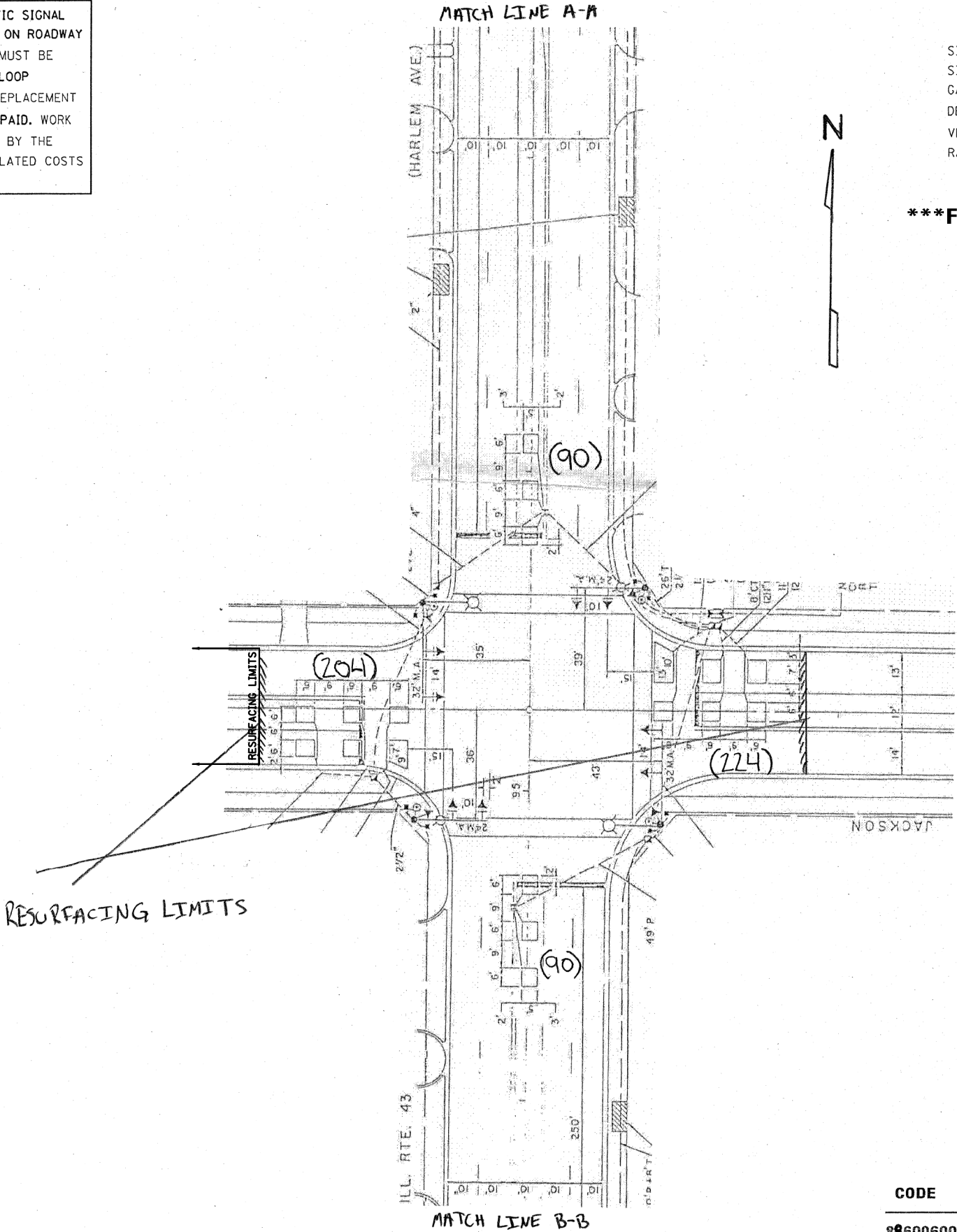
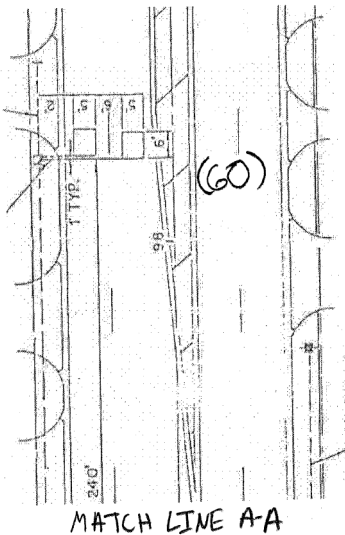
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	37
CONTRACT NO. 61L90				
ILLINOIS FED. AID PROJECT				

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"

FOR INFORMATIONAL PURPOSES ONLY

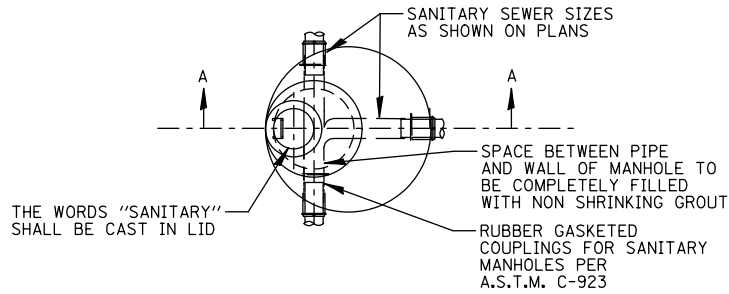


REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

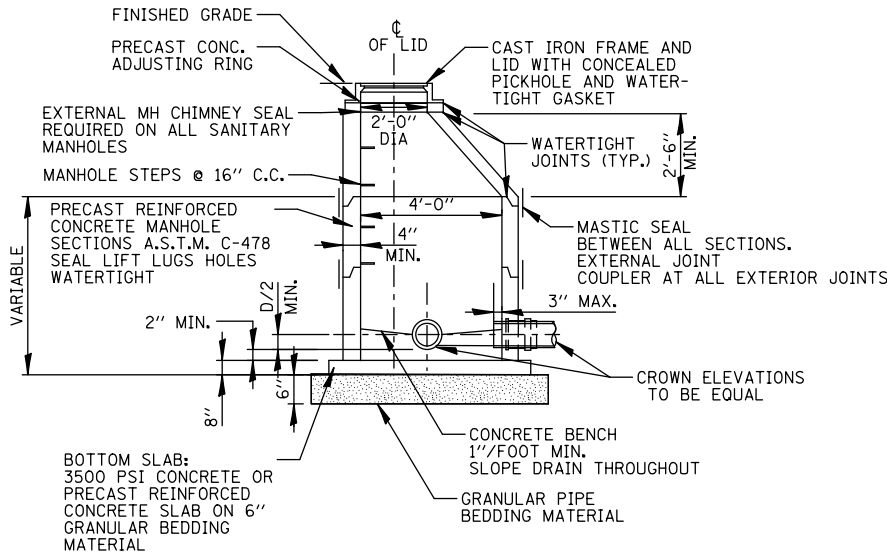
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88600600	728	FOOT	DETECTOR LOOP, REPLACEMENT

THIS PLAN IS FOR THE SOLE PURPOSE OF
DETECTOR LOOP REPLACEMENTS ONLY

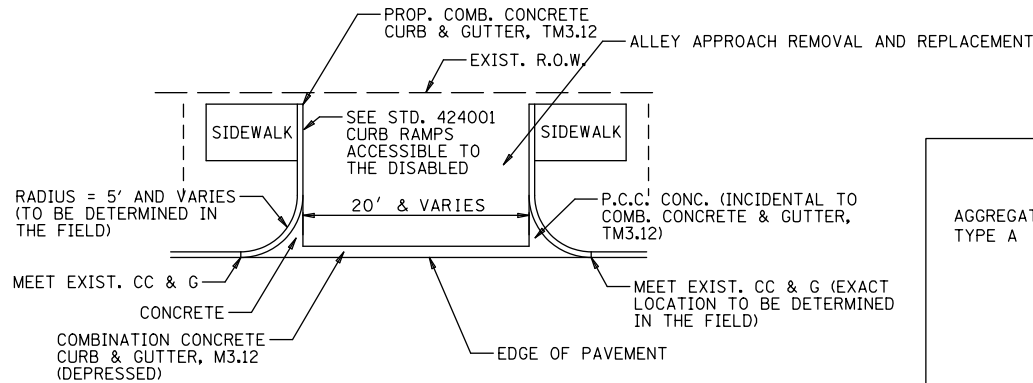
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		DATE -	REVISED -									
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		DATE - 9/9/2025	REVISED -									



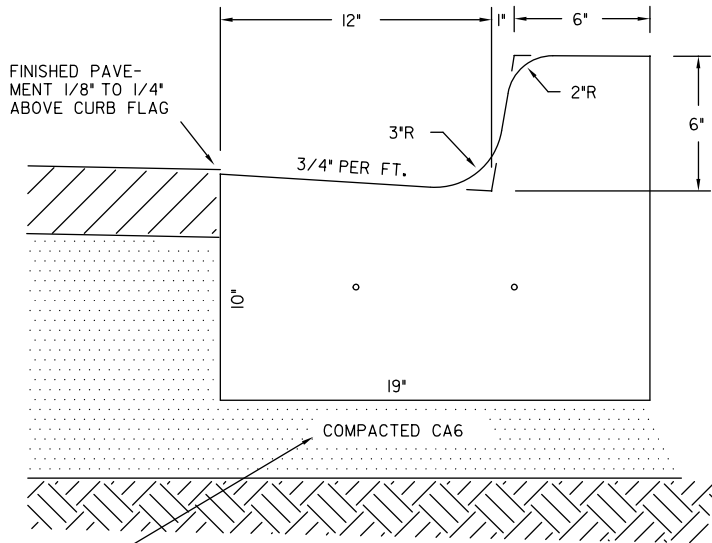
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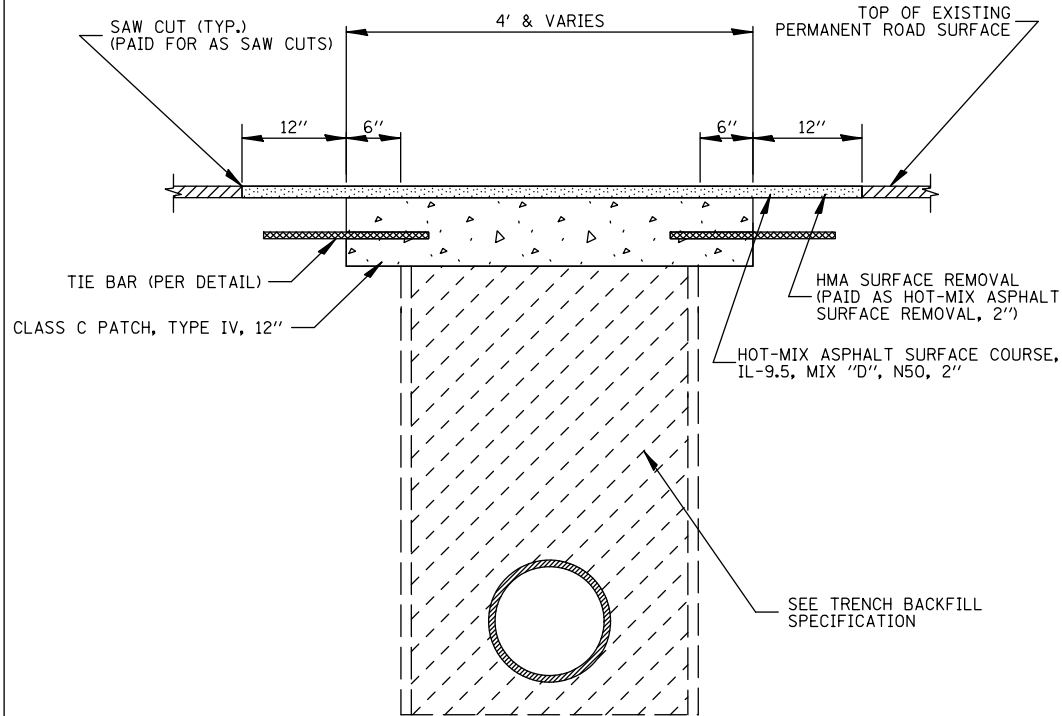
STANDARD MANHOLE



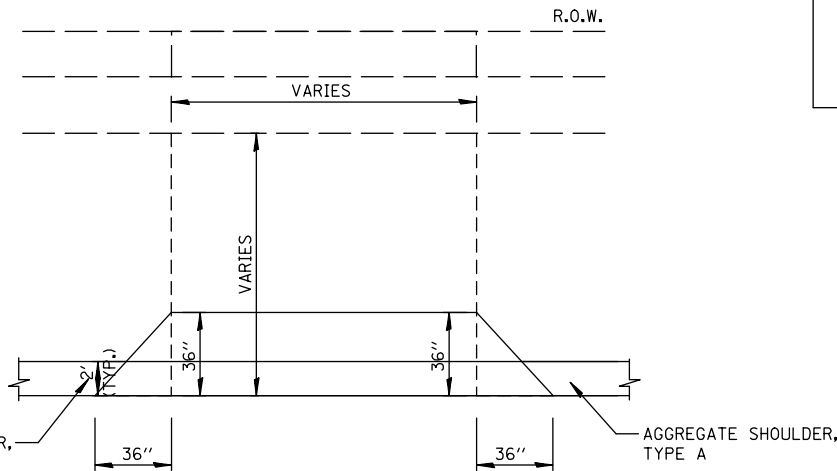
TYPICAL RETURN AT ALLEYS



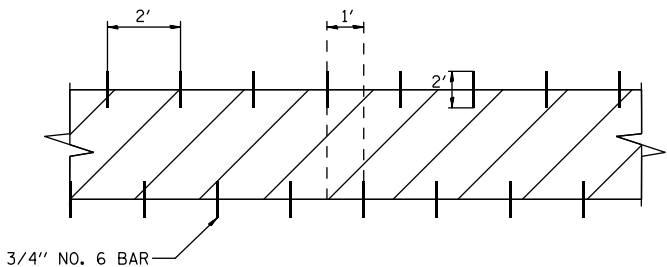
B6.12 CURB & GUTTER



CLASS C PATCH DETAIL



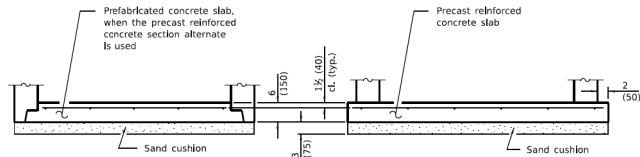
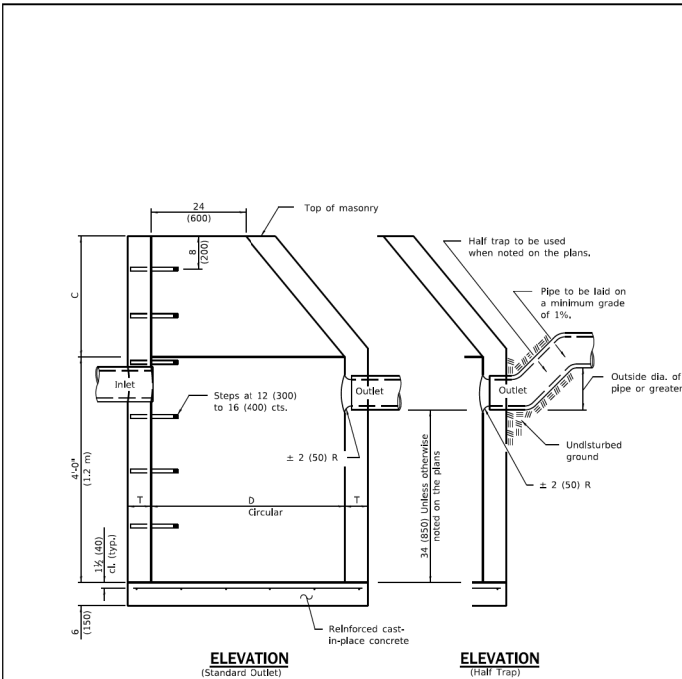
DETAIL OF DRIVEWAY



CLASS C PATCH REINFORCEMENT PLAN

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		PLOT DATE = 9/9/2025	DATE - 9/9/2025					ILLINOIS FED. AID PROJECT				
Default					SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.	

NOTE: ALL SEWER PIPES THAT CONNECT TO SANITARY LINE OR TO COMBINATION SEWER LINE TO HAVE WATER TIGHT FLEXIBLE RUBBER CONNECTORS AT STRUCTURES PER STD DRAWING 42 (SEE DRAWING NO DET5). REINFORCED CONCRETE COLLARS MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36".



ALTERNATE BOTTOM SLAB

ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Concrete Masonry Unit	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	5 (125) 5 (125)
Brick Masonry	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	8 (200) 8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	4 (100) 5 (125)
Cast-in-place Concrete	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	6 (150) 6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.20 sq. in./ft. (420 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602601 for optional precast reinforced concrete flat slab top.

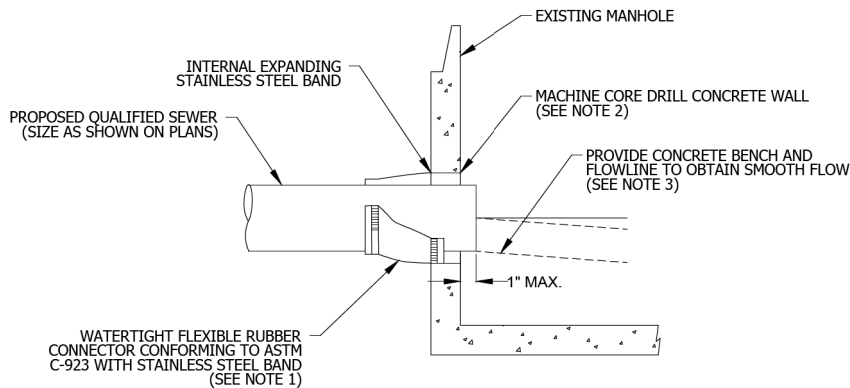
See Standard 602701 for details of steps.

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

DATE	REVISIONS
1-1-11	Added "Outside" to half trap note. Detail rebar in slabs.
1-1-09	Switched units to English (metric).

CATCH BASIN TYPE A

STANDARD 602001-02



SECTION

NOTES:

1. RESILIENT CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. MACHINE CORE/DRILL CIRCULAR OPENING IN STRUCTURE WALL. OPENING DIAMETER TO FIT THE REQUIRED RESILIENT CONNECTOR PER MANUFACTURER'S RECOMMENDATION.
3. CUT, SHAPE, AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW.
4. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE, OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
5. ANY DAMAGE TO THE EXISTING MANHOLE SHALL BE REPAIRED BY THE CONTRACTOR.
6. REINFORCED CONCRETE COLLAR MAY BE SUBSTITUTED FOR PIPE DIAMETERS LARGER THAN 36-INCHES.



TECHNICAL GUIDANCE MANUAL

NOT TO SCALE

PIPE TO EXISTING MANHOLE CONNECTION DETAIL

10/02/18

STD. DWG. NO. 42

PAGE NO. 43

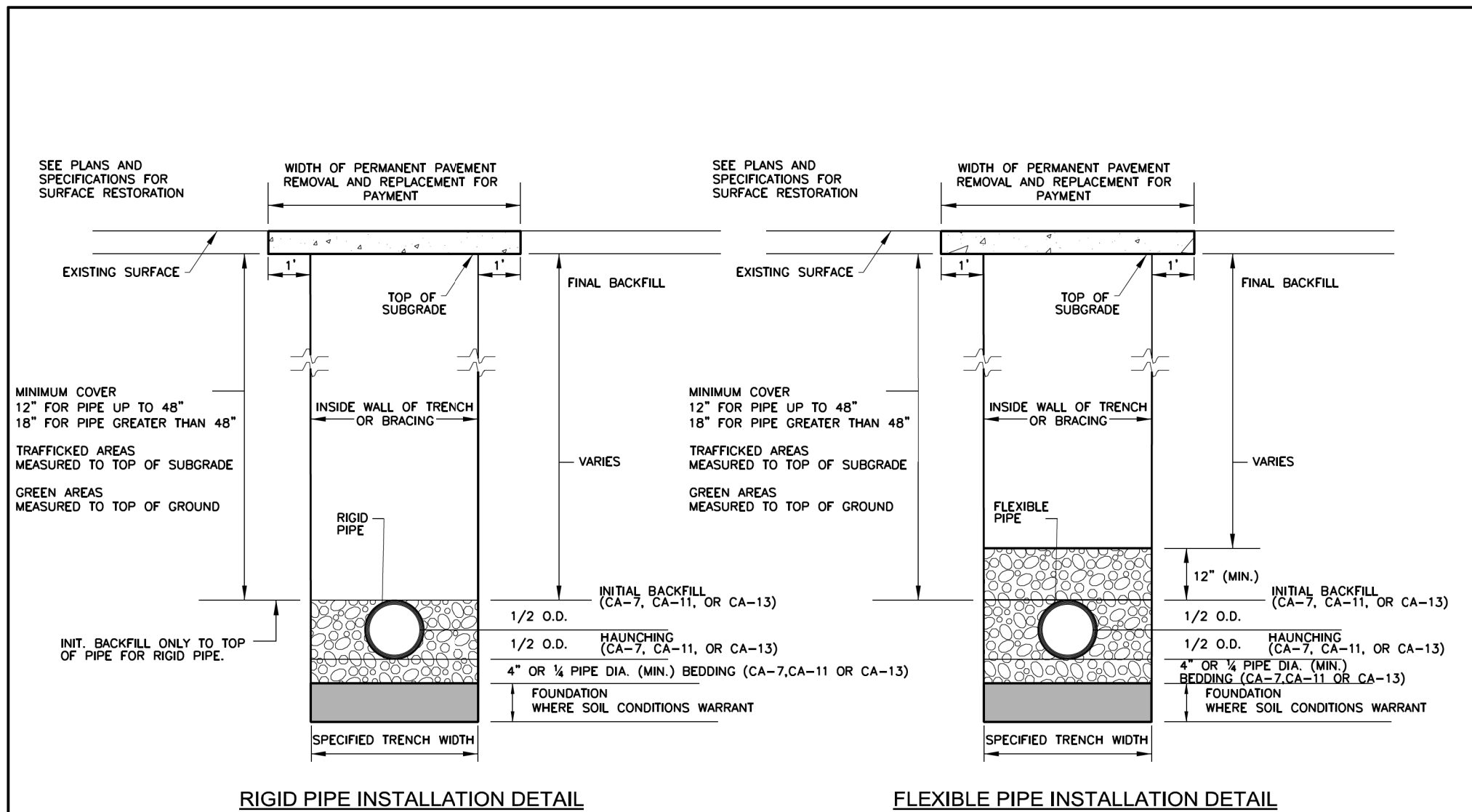
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	40
CONTRACT NO. 61L90				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. FOR QUALIFIED SEWER CONSTRUCTION ONLY.
2. SHORING, OR EQUIVALENT PROTECTIVE SYSTEM, REQUIRED FOR TRENCHES OF 5' DEPTH OR GREATER, OR AS REQUIRED BY MUNICIPALITY.

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL

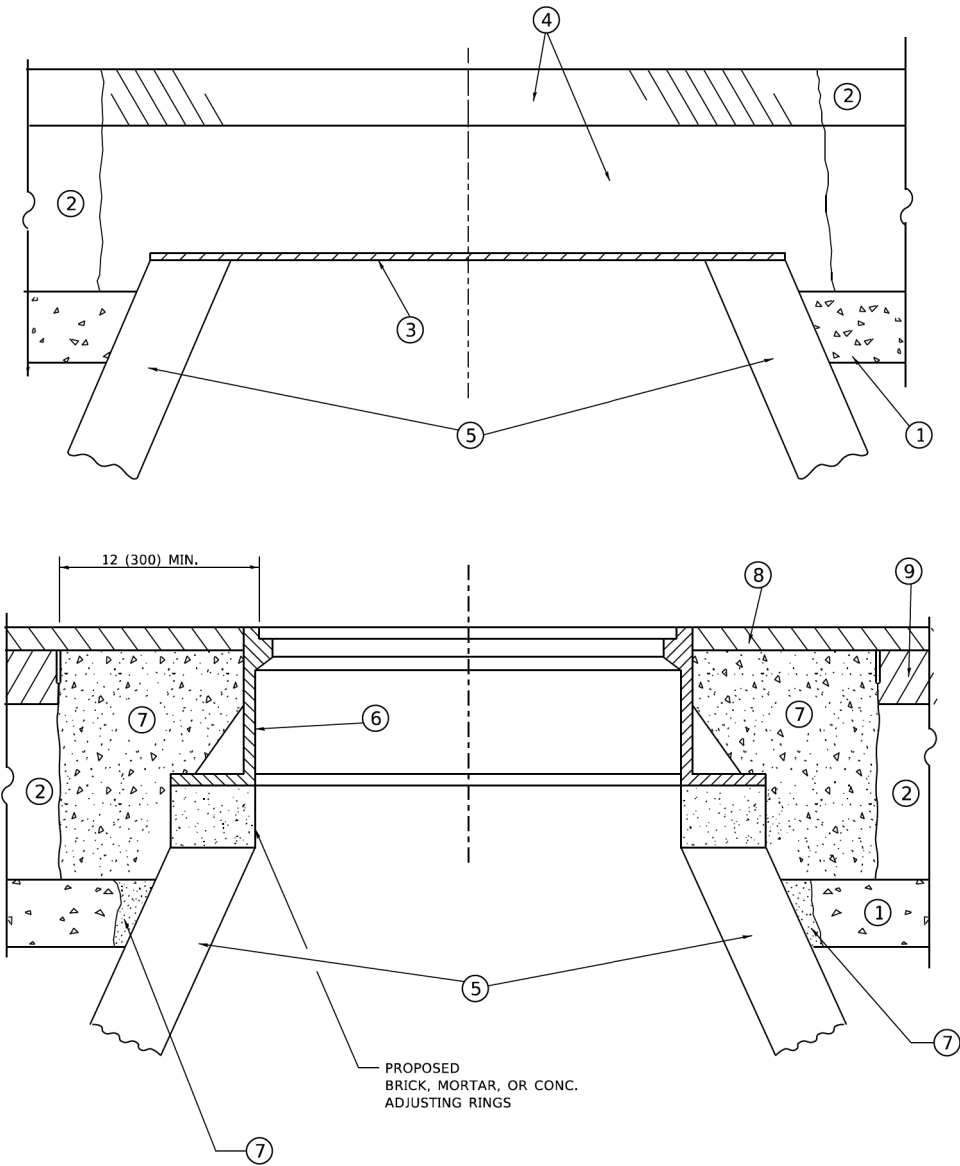
RIGID AND FLEXIBLE PIPE INSTALLATION DETAIL

7/1/15

STD. DWG. NO. 34

PAGE NO. 35

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	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -					ILLINOIS FED. AID PROJECT				



DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING

NOTES

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

CONSTRUCTION PROCEDURES

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

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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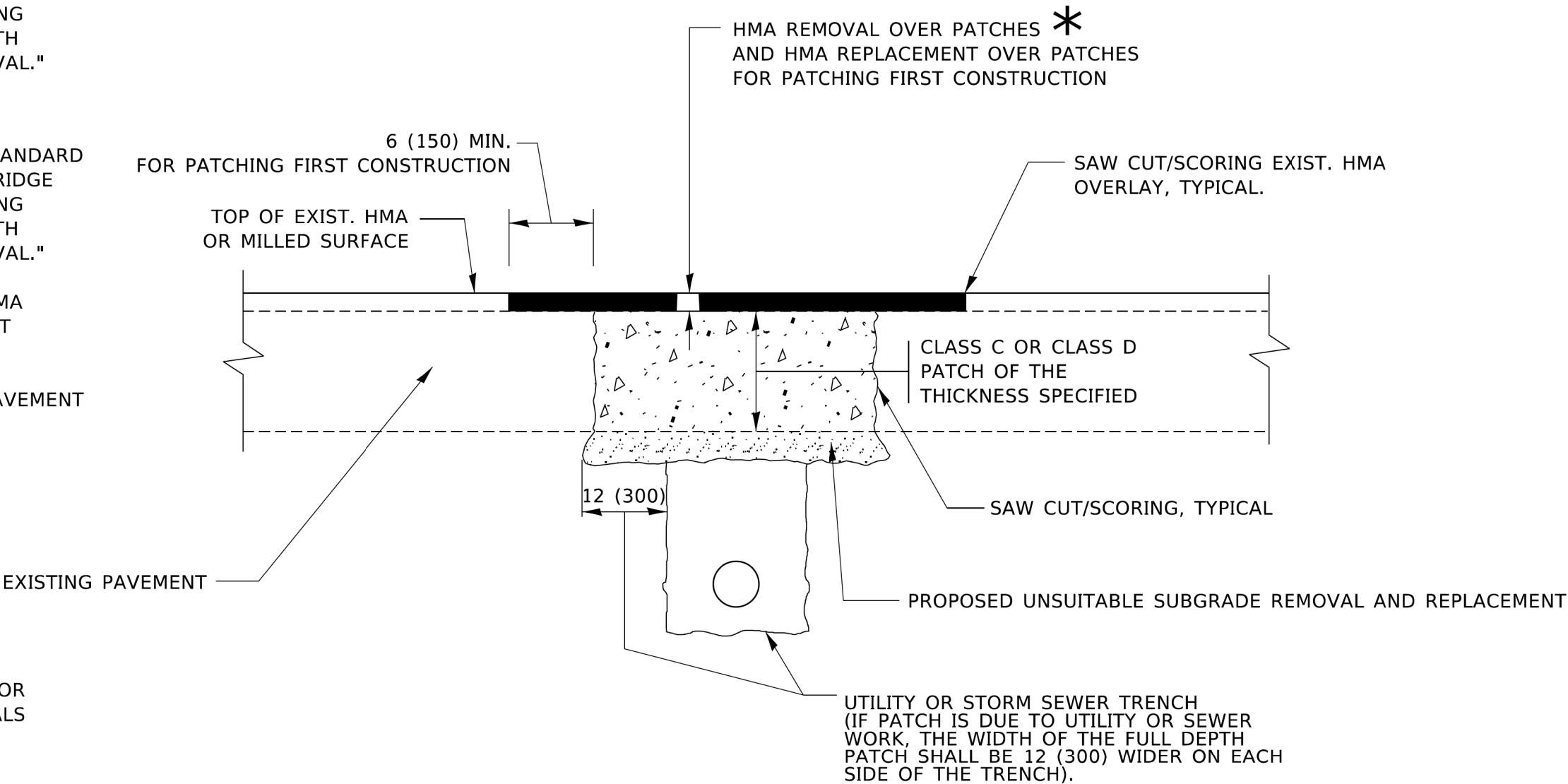
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	PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23		ILLINOIS FED. AID PROJECT								
SCALE: NONE		SHEET 1	OF 1	SHEETS	STA.	TO STA.							

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

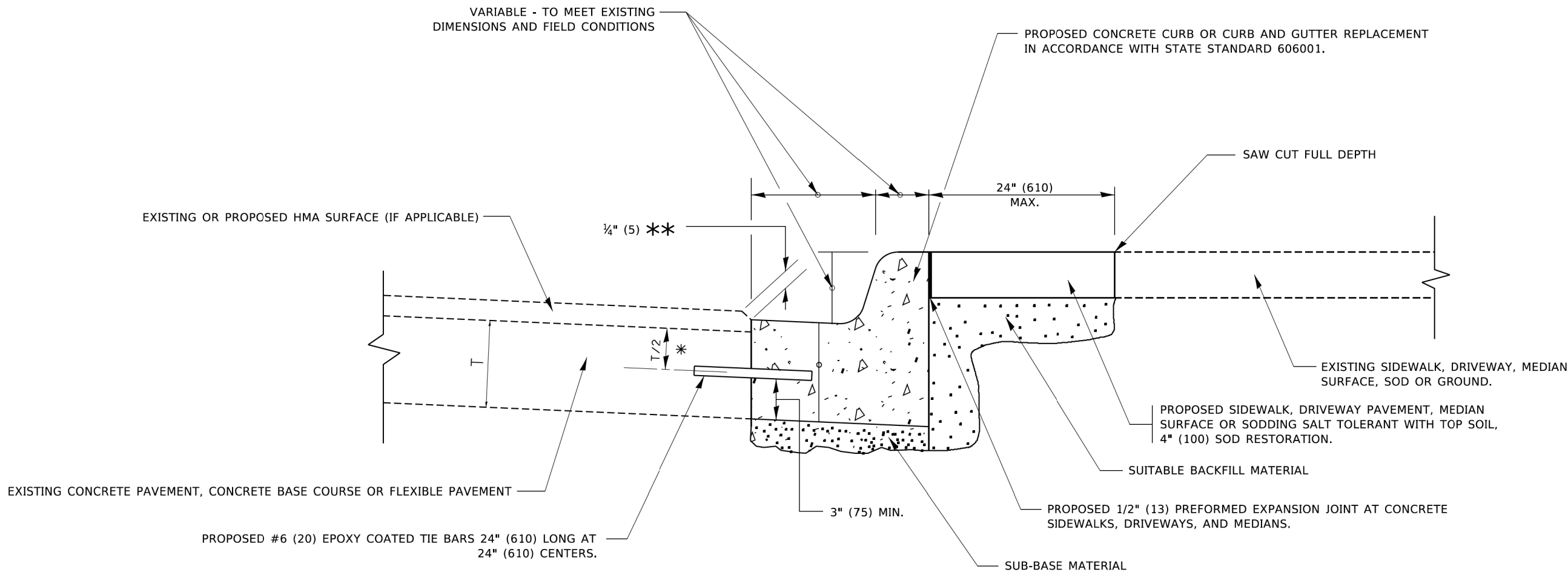
- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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										ILLINOIS FED. AID PROJECT			

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FILE NAME: p:\planning\com.dot.illinois.gov\p\p\DOT\Documents\DOT_Offices\District 1\Projects\DUHS422\34\CAD\Data\CD\Sheets\bd24.dgn



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

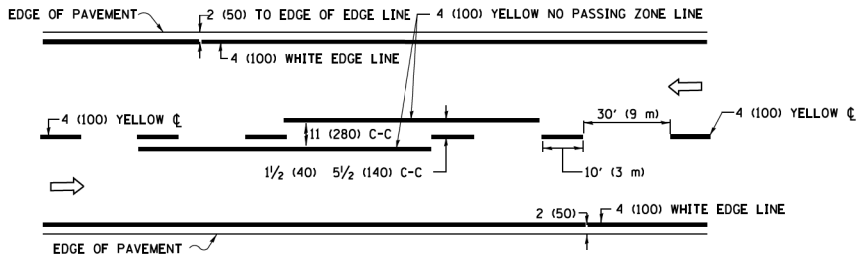
	USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - M. GOMEZ 01-22-01					1462	25-00121-00-RS	COOK	49	44
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09		BD600-06 (BD-24)			CONTRACT NO. 61L90				
	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



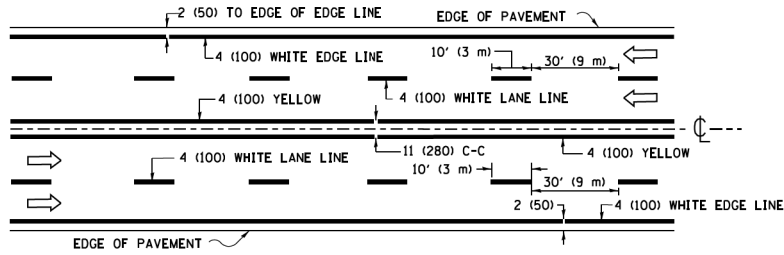
- All dimensions are in inches (millimeters) unless otherwise shown.

	USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - A. SCHUETZE 07-01-13		1462	25-00121-00-RS	COOK	49	46				
	PLOT SCALE = 100,0000 " / In.	CHECKED -	REVISED - A. SCHUETZE 09-15-16				CONTRACT NO.		61L90				
	PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	TC-10					
					ILLINOIS	FED. AID PROJECT							

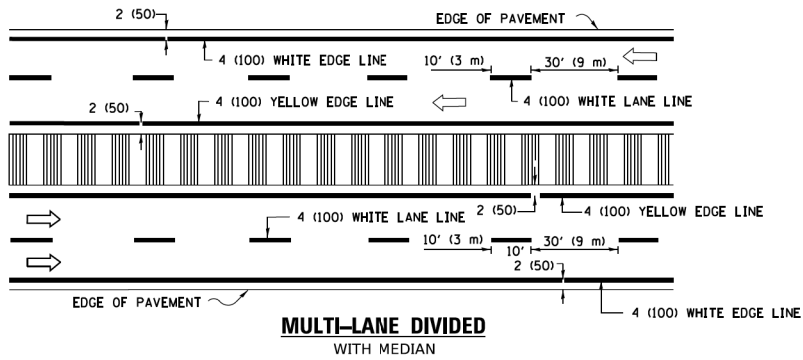
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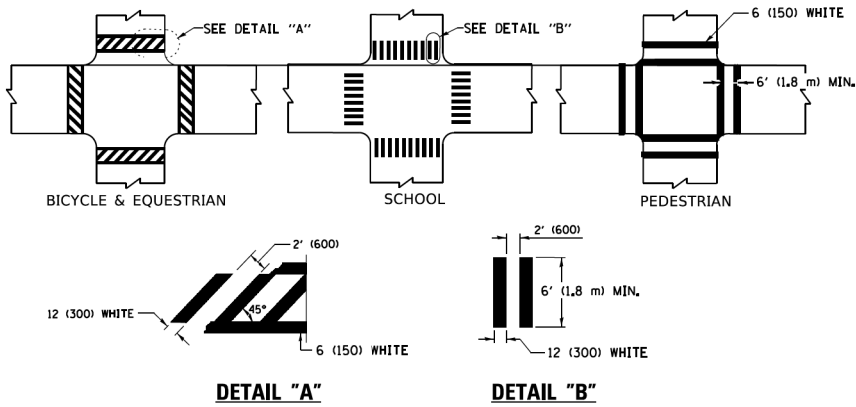
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

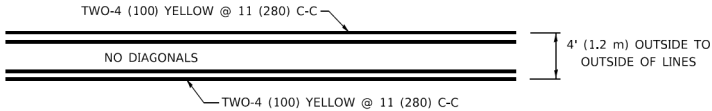


TYPICAL LANE AND EDGE LINE MARKING

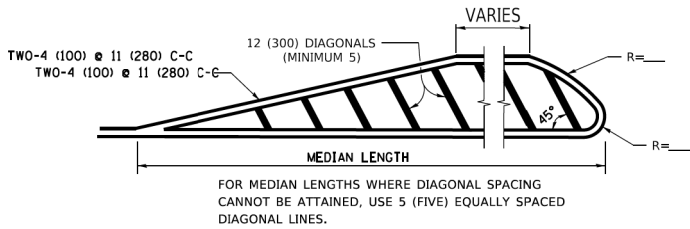


TYPICAL CROSSWALK MARKING

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

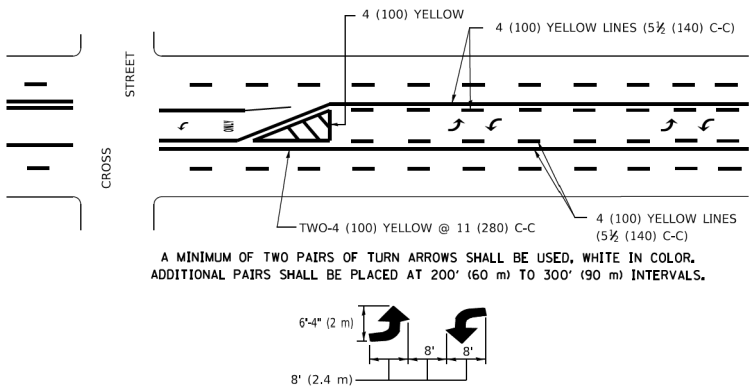


4' (1.2 m) WIDE MEDIANS ONLY



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))

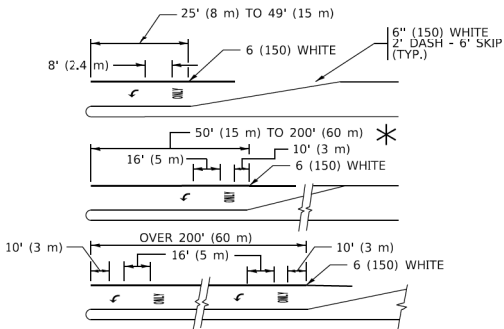
MEDIANS OVER 4' (1.2 m) WIDE



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

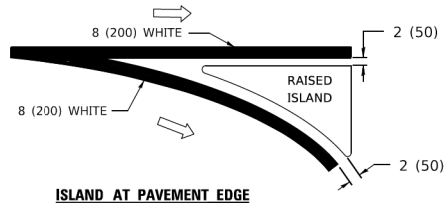
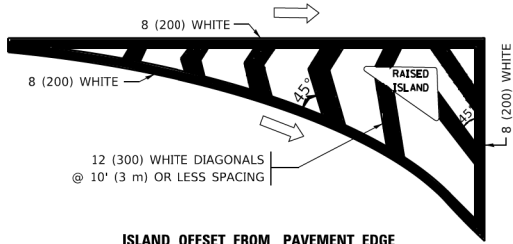


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

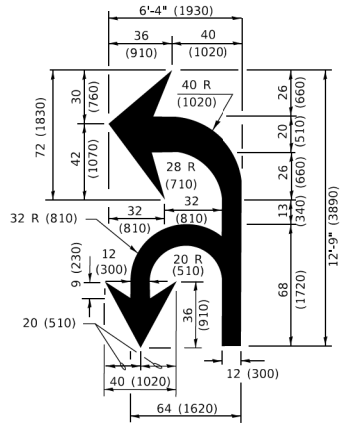
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

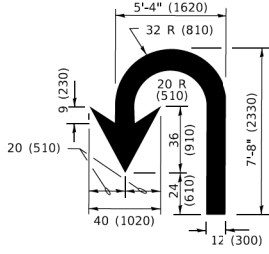
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND 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" 15 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.

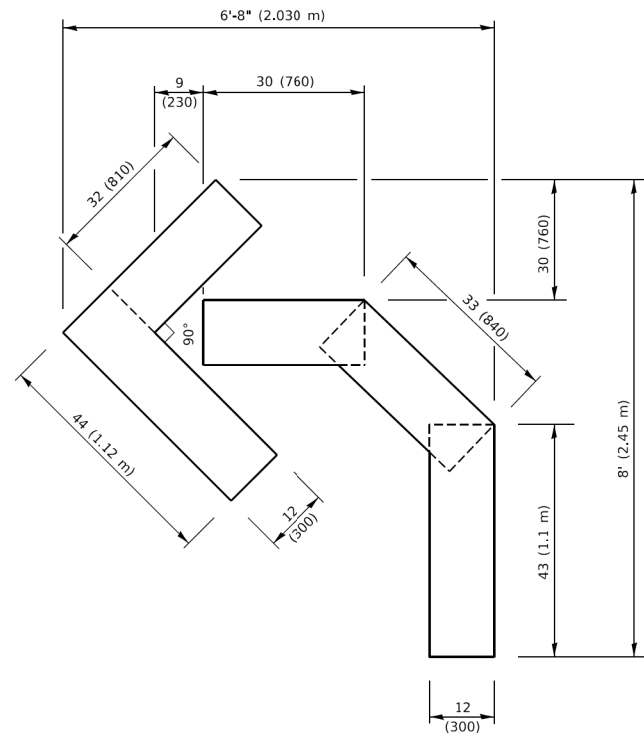
USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

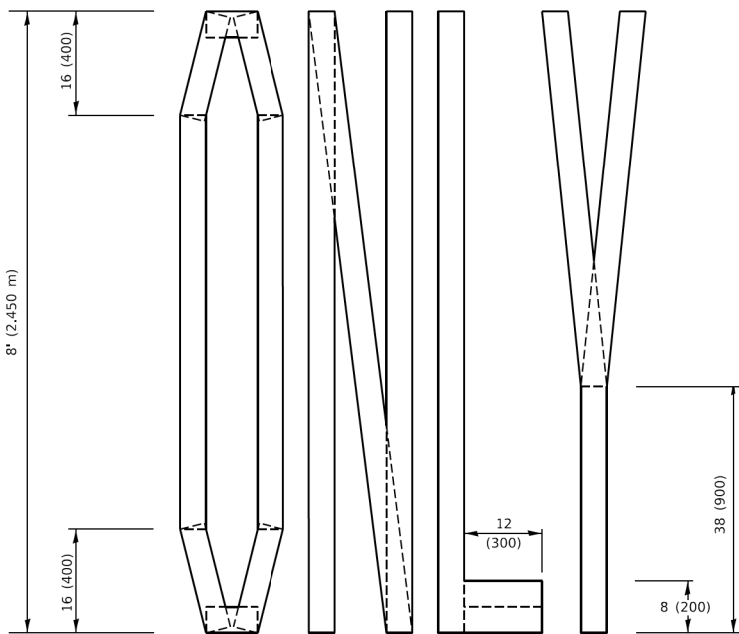
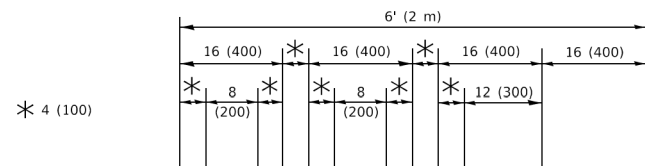
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	C00K	49	47
TC-13		CONTRACT NO. 61L90		
ILLINOIS		FED. AID PROJECT		



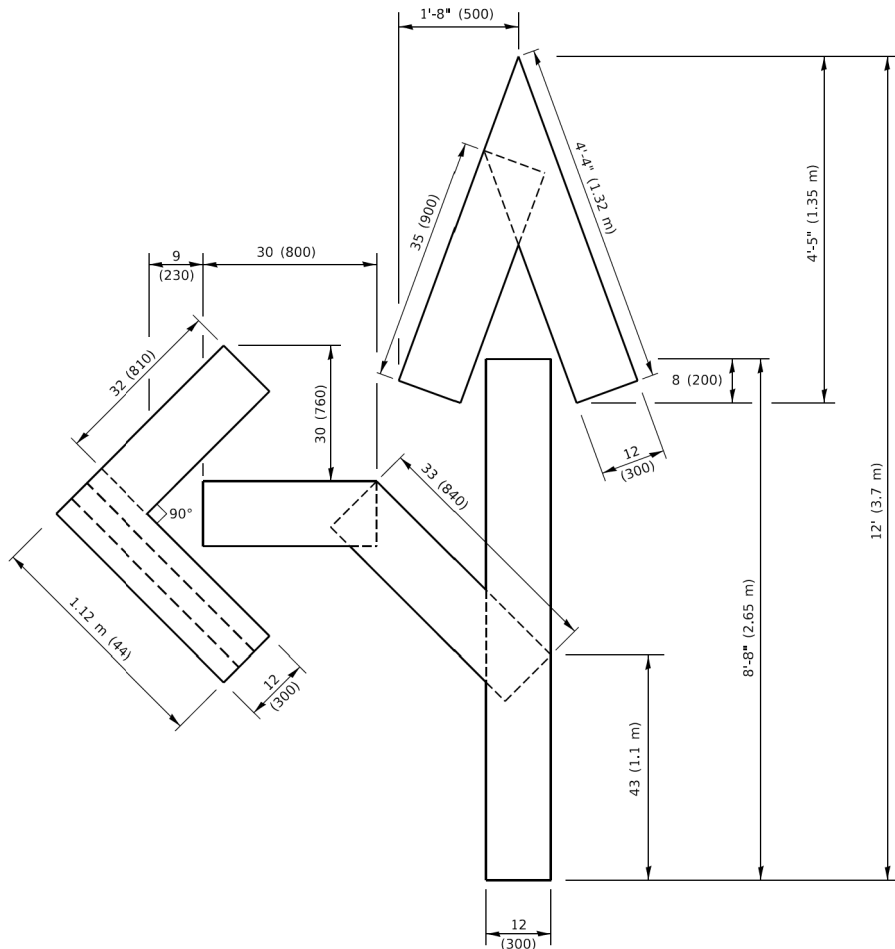
QUANTITY

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)

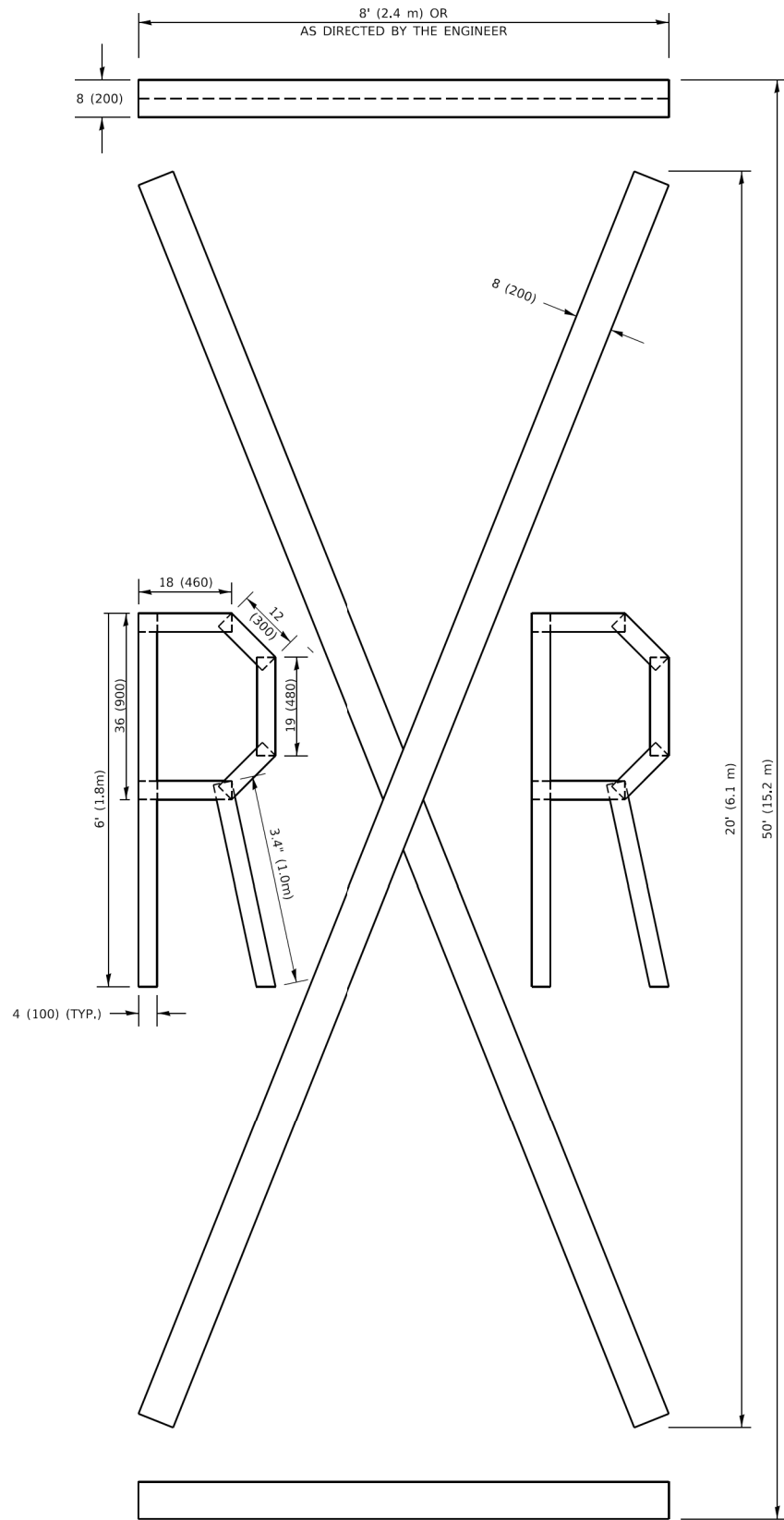


QUANTITY

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.

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.
1462	25-00121-00-RS	COOK	49	48
TC-16		CONTRACT NO. 61L90		
		ILLINOIS	FED. AID PROJECT	

