

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

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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

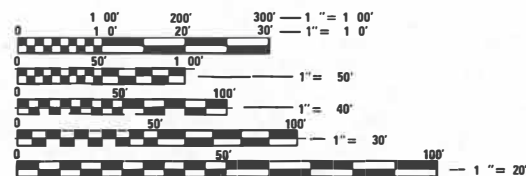
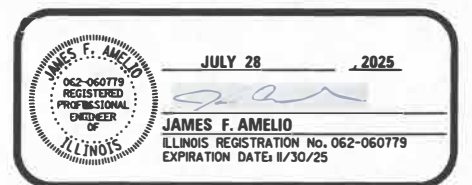
COOK COUNTY

C-91-193-25

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	1
FED. ROAD DIST. NO.		ILLINOIS CONTRACT NO. 61L90		



LOCATION OF SECTION INDICATED THUS: -



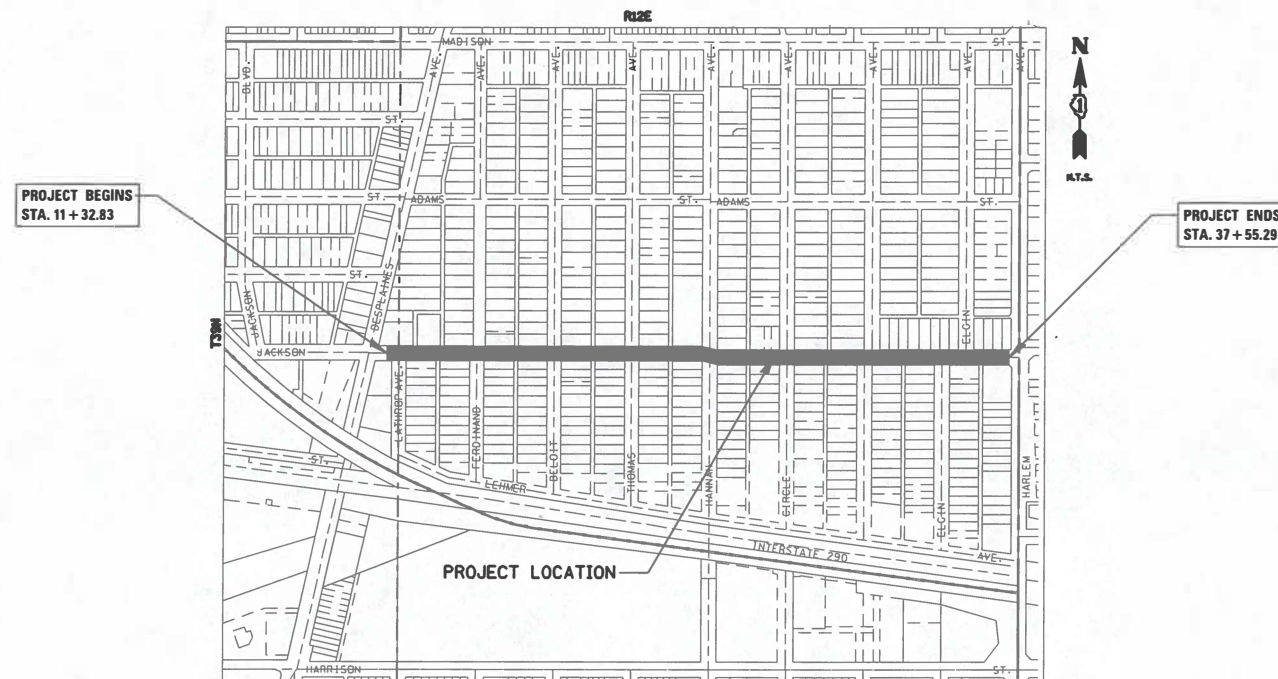
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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
MAYOR, VILLAGE OF FOREST PARK	
PASSED	Sept 3, 2025
ENGINEER OF LOCAL ROADS AND STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	Sept 3, 2025
REGIONAL ENGINEER	

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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**MWRD GENERAL NOTES:**

**A. REFERENCED SPECIFICATIONS**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
  - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
  - VILLAGE OF FOREST PARK MUNICIPAL CODE;
  - THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
  - IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

## B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO [WMOJOBSTART@MWRD.ORG](mailto:WMOJOBSTART@MWRD.ORG)).
2. THE VILLAGE OF FOREST PARK ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

### C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).  
CONVERSION FACTOR IS N/A FT.
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

#### D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF THE SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFIRM TO THE FOLLOWING:

PIPE MATERIAL

### VITRIFIED CLAY PIPE

## REINFORCED CONCRETE SEWER PIPE

### CAST IRON SOIL PIPE

## DUCTILE IRON PIPE

**POLYVINYL CHLORIDE (PVC) PIPE**  
**6" TO 15" DIAMETER SDR 26**  
**18" TO 27" DIAMETER F/DY=46**

## HIGH DENSITY POLYETHENE (HDPE)

WATER MAIN QUALITY PVC

4" TO 12"

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL

## POLYPROPYLENE (PP) PIPE

12" TO 24" DOUBLE WALL

30" TO 60" TRIPLE WALL

8. ALL SANITARY SEWER (REQUIRES STONE BED)

TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.

9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.

10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.

11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

- a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
- b) REMOVE AN ENTIRE SECTION OF PIPE BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A HUB OR TEE BRANCH SECTION.
- c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.

12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.

13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.

14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.

15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.

16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.

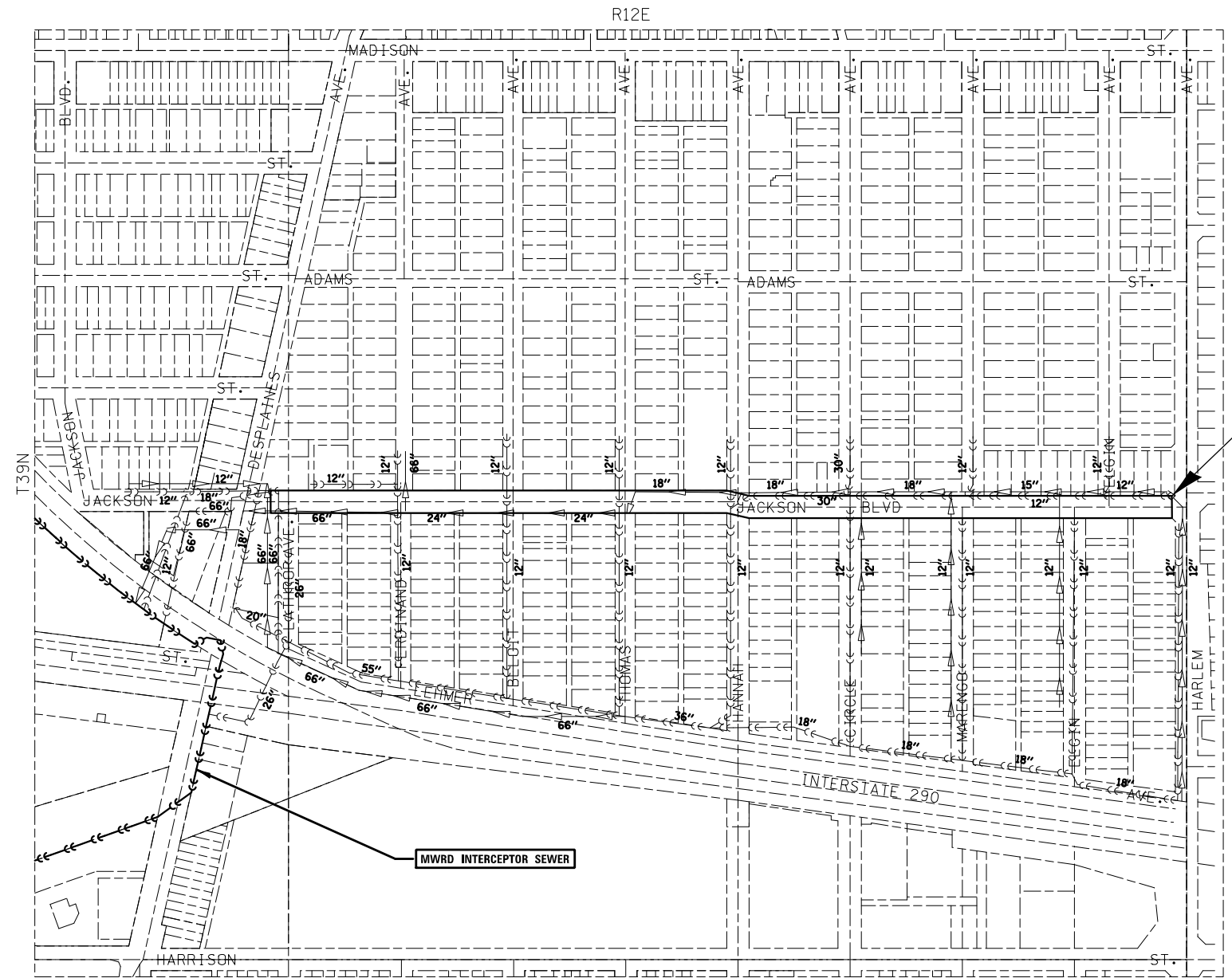
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.

18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

### E. EROSION AND SEDIMENT CONTROL

3. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
  - a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
  - b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MWRD GENERAL NOTES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\NOT02-0023-BG130.sht		DRAWN - JEH	REVISED -						1462	25-00121-00-RS	COOK	49	3
Default	PLOT SCALE = 113'	CHECKED - JFA	REVISED -		CONTRACT NO. 61L90								
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.		



FILE NAME = N:\FORESTPARK\0023\BG130\Civil1\MWRD.RTE	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.
	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)
*	56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH			38
*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH			9
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH			10
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME. CLOSED LID	EACH	1		
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH			24
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1		
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5		
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	27		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,340		
	60600605	CONCRETE CURB, TYPE B	FOOT	115		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	85		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2		
	67100100	MOBILIZATION	LSUM	1		

FILE NAME = N:\FORESTPARK\0323\B0130\Civil\50004-003\B0130.sht Default	USER NAME = jhouseh	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JEH	REVISED -						1462	25-00121-00-RS	COOK	49	8
	PLOT SCALE = 80'	CHECKED - JFA	REVISED -						CONTRACT NO. 61L90				
		DATE - 9/12/2025	REVISED -		SCALE: N.T.S.	SHEET 4	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)
	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		

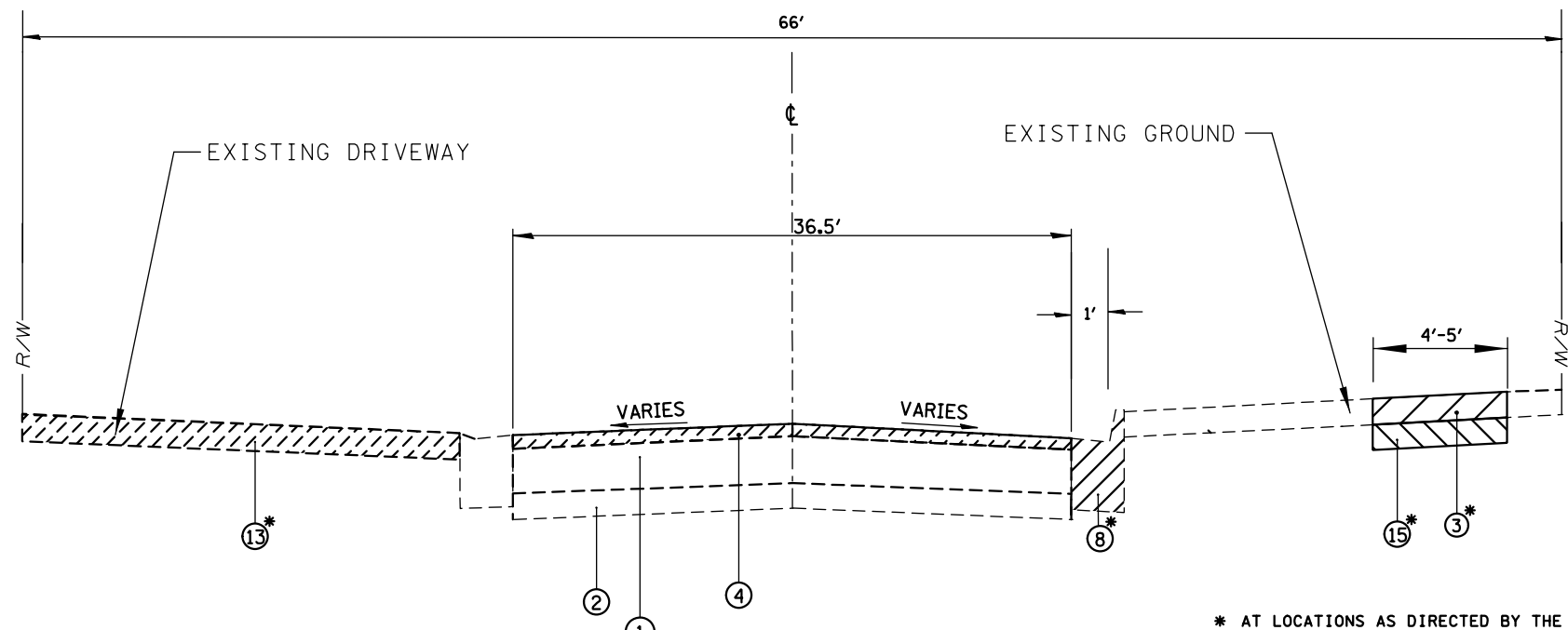
SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	X0328034	AS-BUILT DRAWINGS	L. SUM			1
	X2080250	TRENCH BACKFILL (SPECIAL)	CU YD	5,350		
*	X2600020	DELINEATOR SYSTEM	EACH	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

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)
*	X5610704	WATER MAIN REMOVAL, 4"	FOOT			20
*	X5610708	WATER MAIN REMOVAL, 8"	FOOT			50
	X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	19		
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	26		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	51.4		
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1		
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	7		
	Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	10		
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1		
	Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT			45
	Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT			145
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT			325
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT			60
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT			105
	Z0051398	REMOVE EXISTING SIGN POST	EACH	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\0223\BG130\CV\150008.00	386130.dht	DRAWN - JEH	REVISED -						1462	25-00121-00-RS	COOK	49	12
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 8 OF 9 SHEETS				ILLINOIS FED. AID PROJECT				

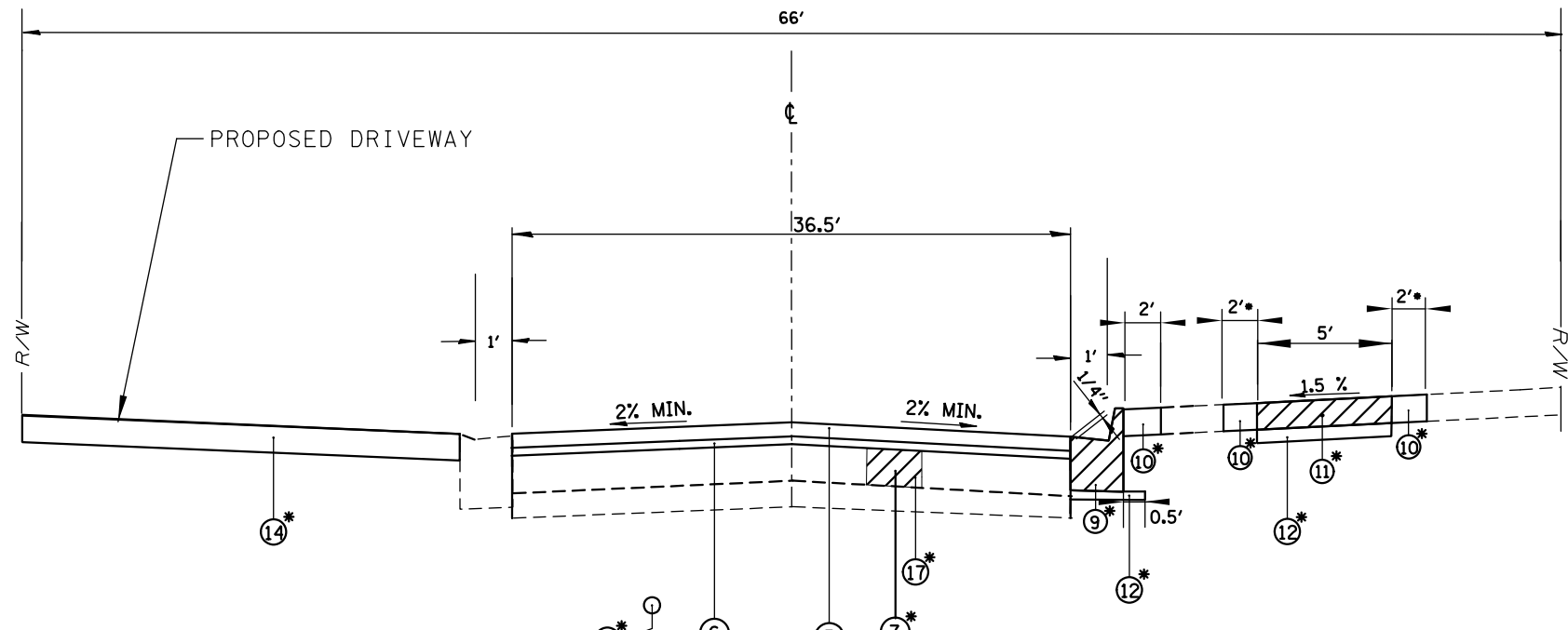


SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)	CONSTRUCTION TYPE CODE 0042 (80% FEDERAL / 20% LOCAL)	NON-PARTICIPATING ITEMS (100% LOCAL)
	Z0076600	TRAINEES	HOURL		500	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL		500	
*	XX009735	PIPE (SPECIAL), 12"	FOOT			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



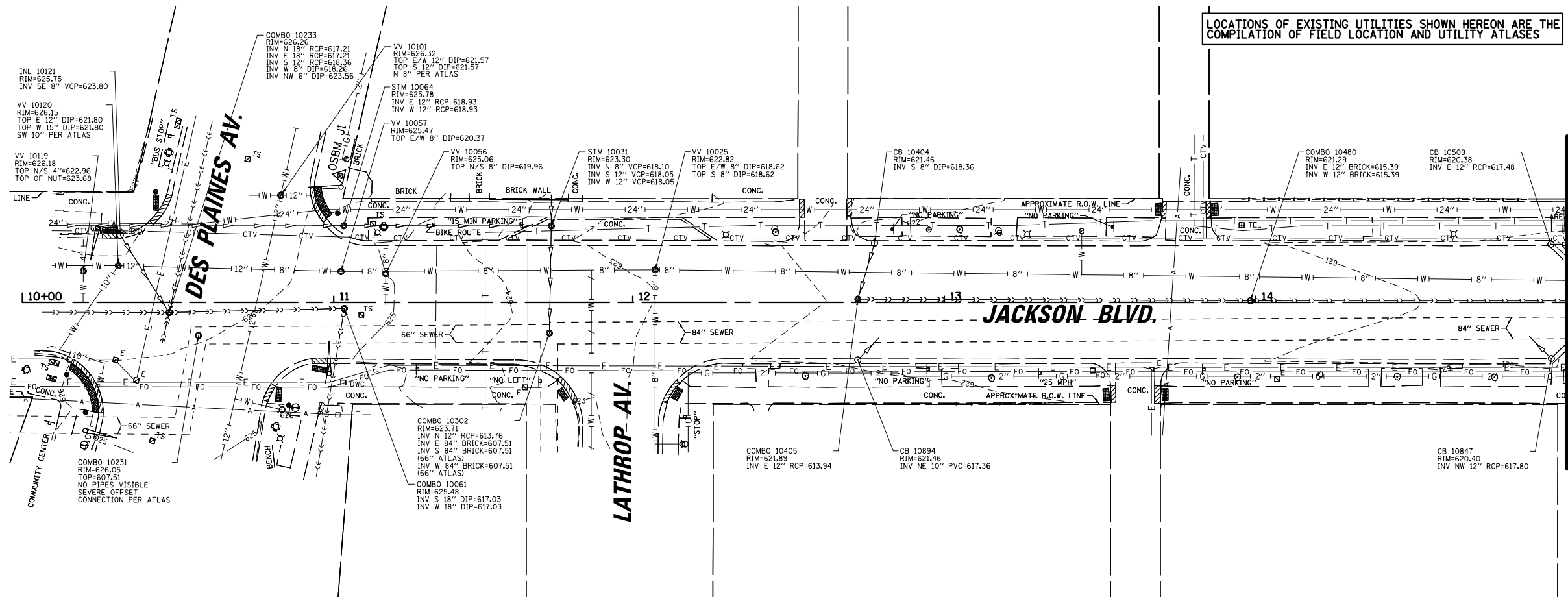
RESURFACING ITEM	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"	4% @ 50 GYR. 3.5% @ 50 GYR.	LR 1030-2 LR 1030-2
PATCHING ITEMS		
CLASS D PATCHES, TYPE I-IV (HMA BINDER IL-19.0)	4% @ 70 GYR.	LR 1030-2
CLASS 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.



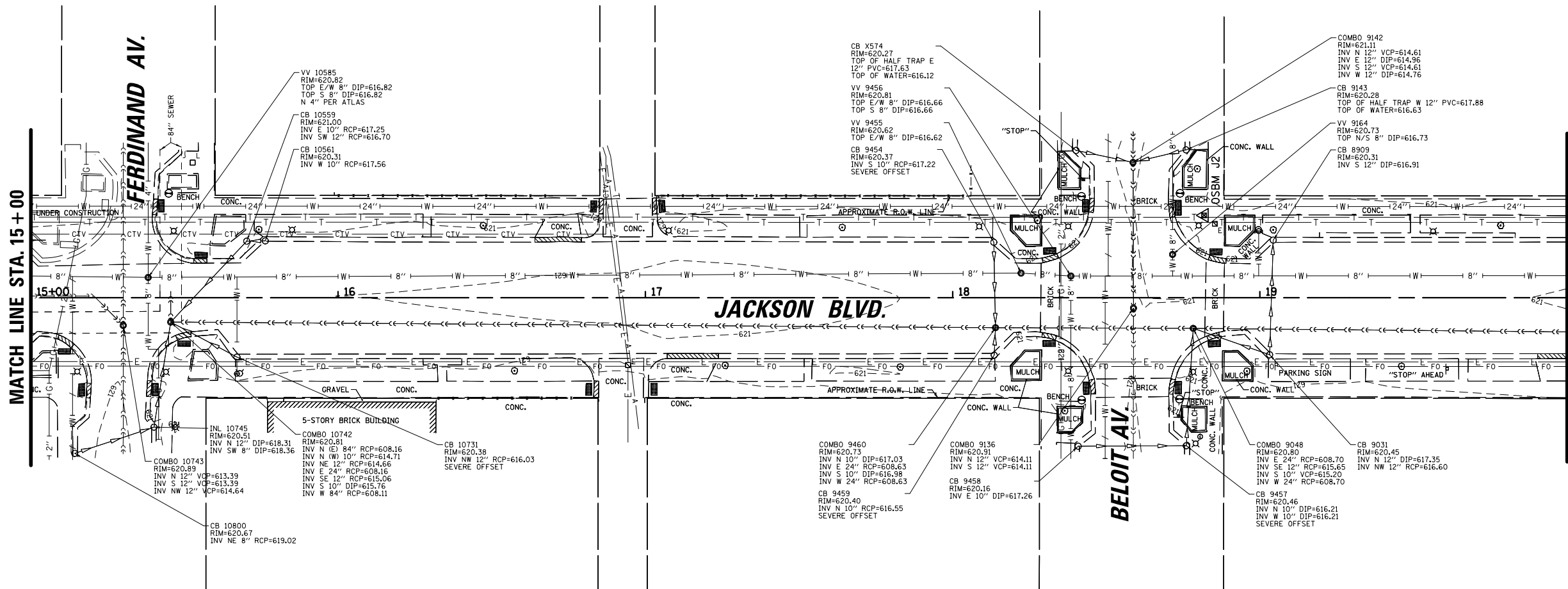
- LEGEND:
- 1 EXISTING HOT-MIX ASPHALT PAVEMENT (2.5"-8.5")
  - 2 EXISTING AGGREGATE SUBBASE
  - 3 EXISTING PCC SIDEWALK/SIDEWALK REMOVAL
  - 4 HOT-MIX ASPHALT SURFACE REMOVAL, 2"
  - 5 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
  - 6 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, 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)

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil1\TYP_0023	BG130.sht	DRAWN - JEH	REVISED -					1462	25-00121-00-RS	COOK	49	14
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				



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

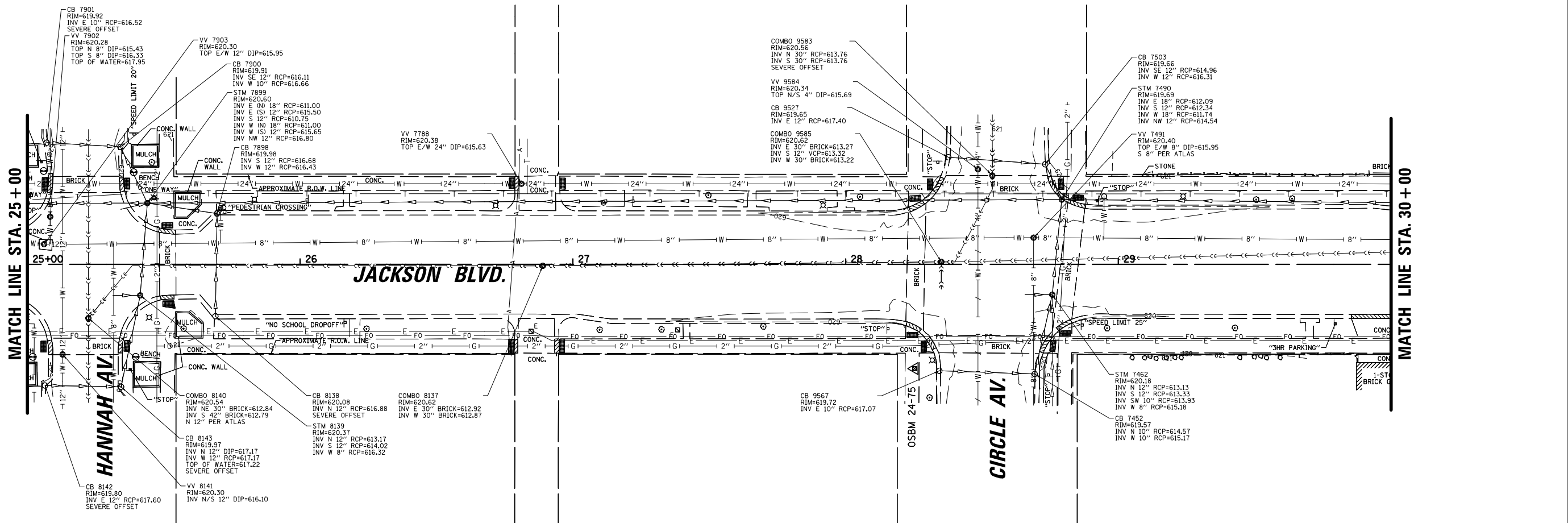
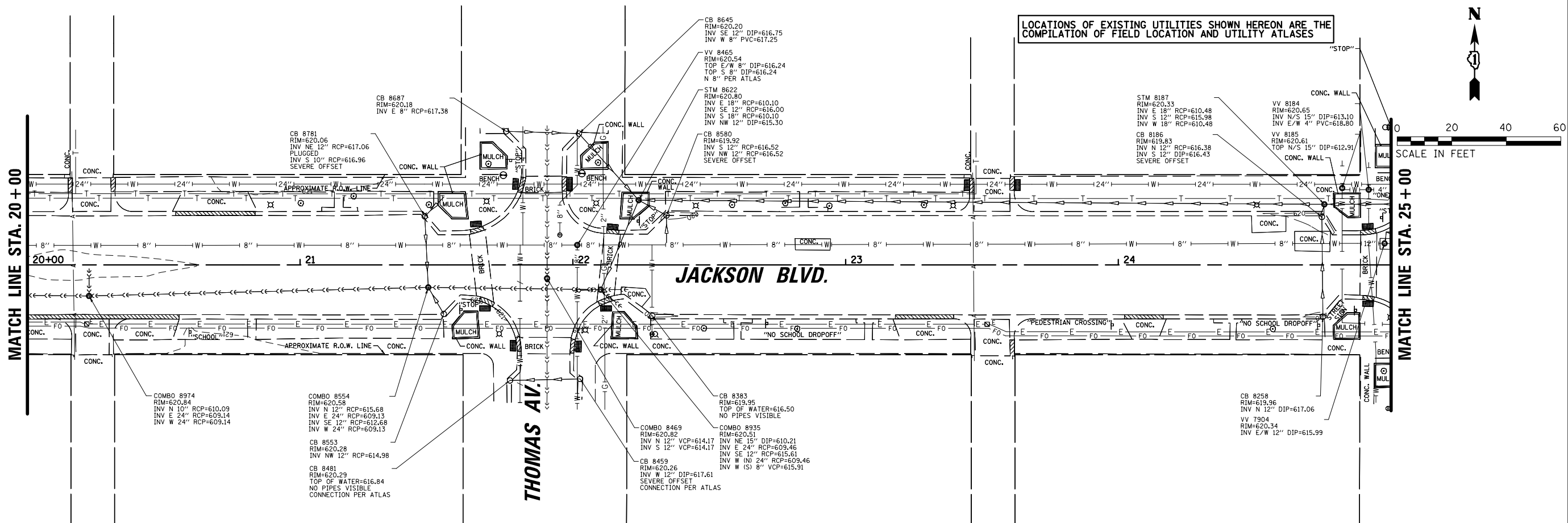
MATCH LINE STA. 15 + 00



MATCH LINE STA. 15 + 00

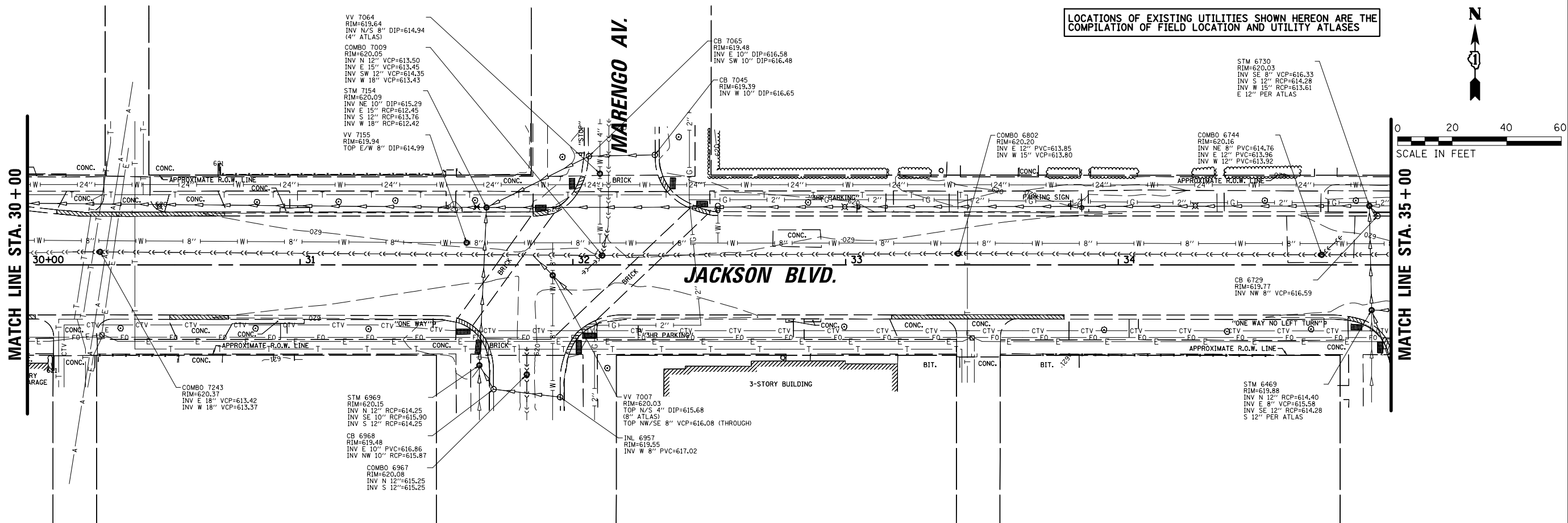
MATCH LINE STA. 20 + 00

FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil1\EX01_0023_BG130.sht		DRAWN - RMW	REVISED - _____						1462	25-00121-00-RS	COOK	49	15
	PLOT SCALE = 48'	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90								
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		SCALE: 20'	SHEET	OF	SHEETS	STA. 10+00.00	TO STA. 20+00.00	ILLINOIS FED. AID PROJECT		

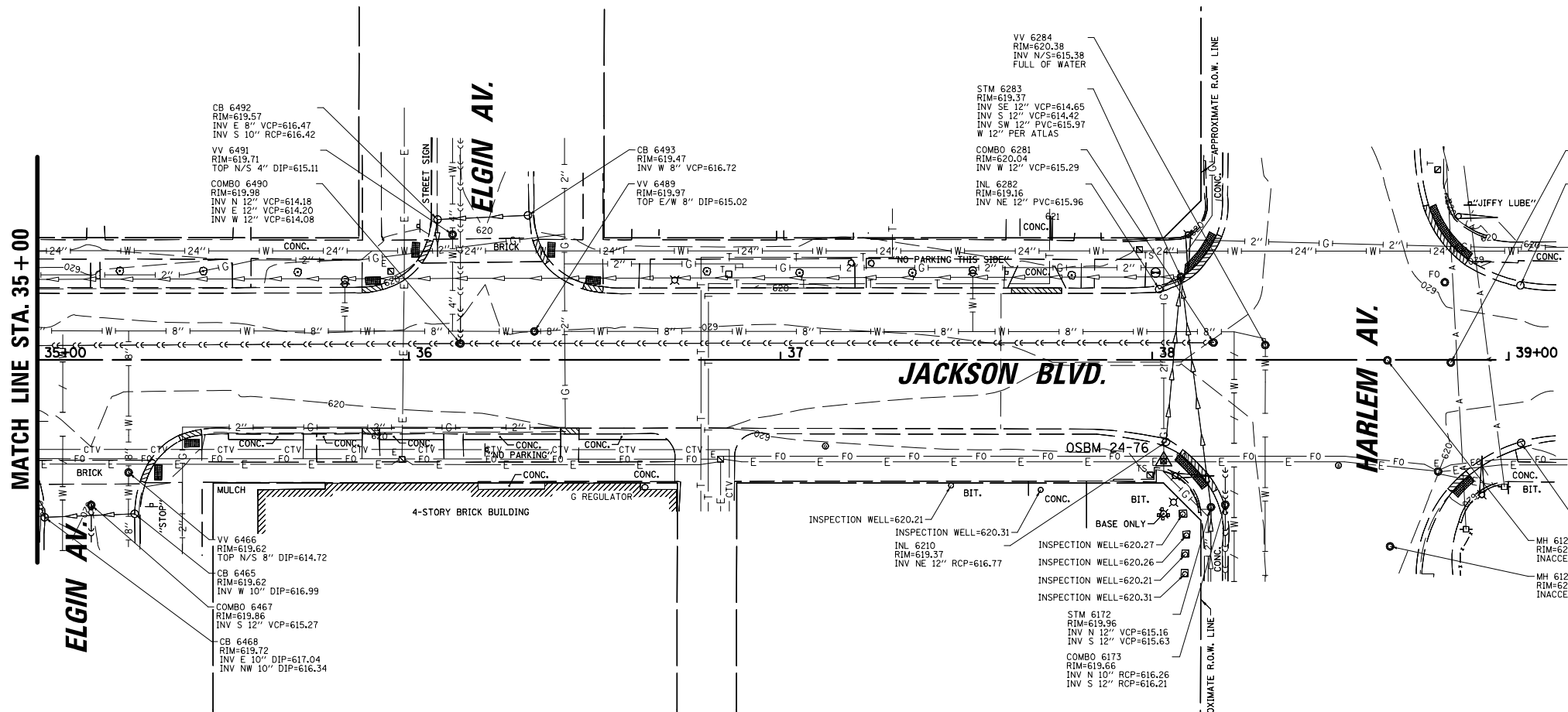


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		DRAWN - RMW	REVISED -					1462	25-00121-00-RS	COOK	49	16
		CHECKED - JFA	REVISED -		SCALE: 20'      SHEET      OF      SHEETS      STA. 20+00.00 TO STA. 30+00.00			CONTRACT NO. 61L90				
		DATE - 9/9/2025	REVISED -					ILLINOIS FED. AID PROJECT				

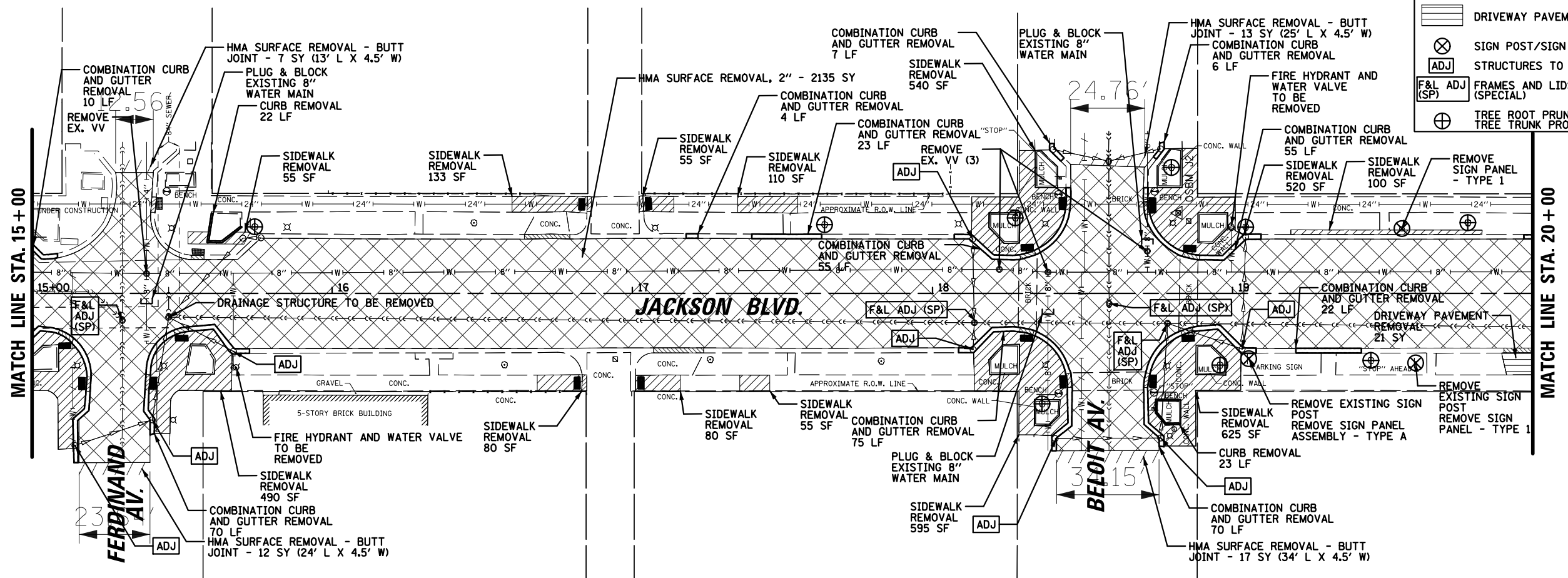
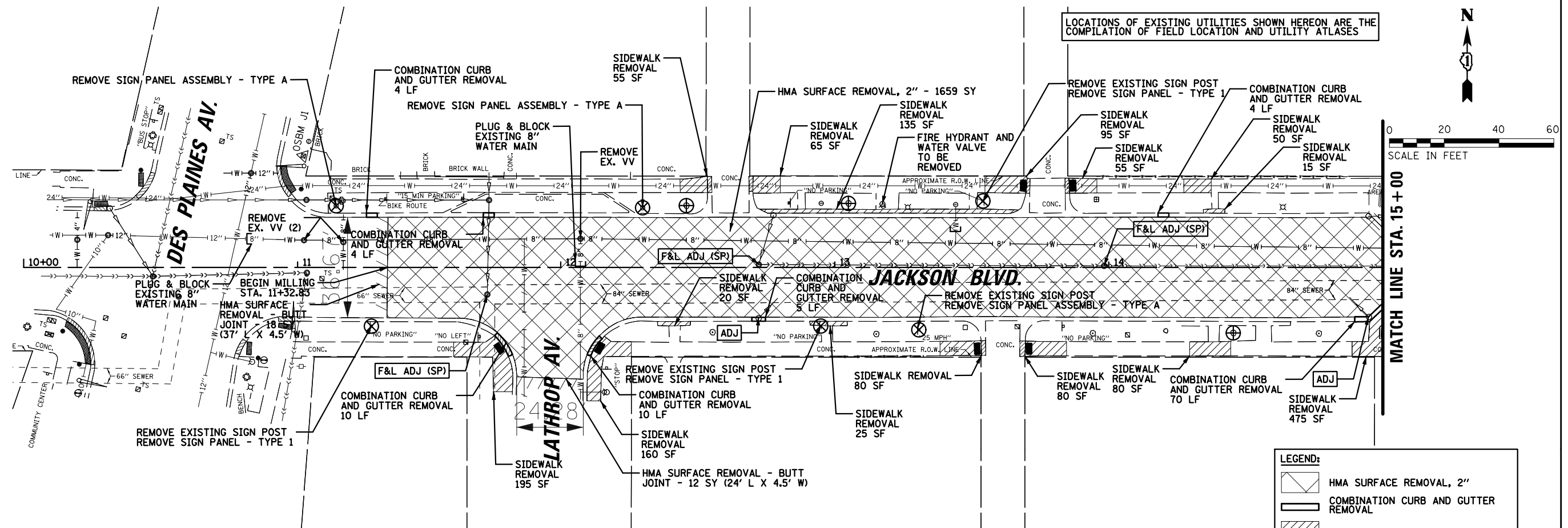




LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE  
COMPILATION OF FIELD LOCATION AND UTILITY ATLASES

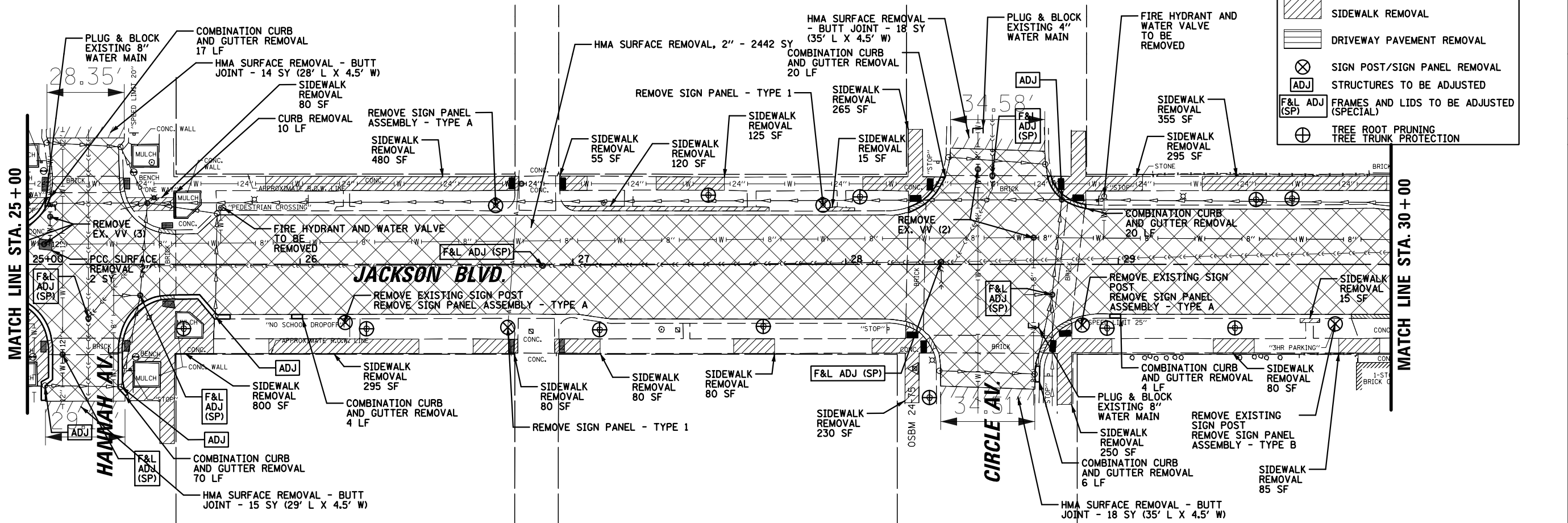
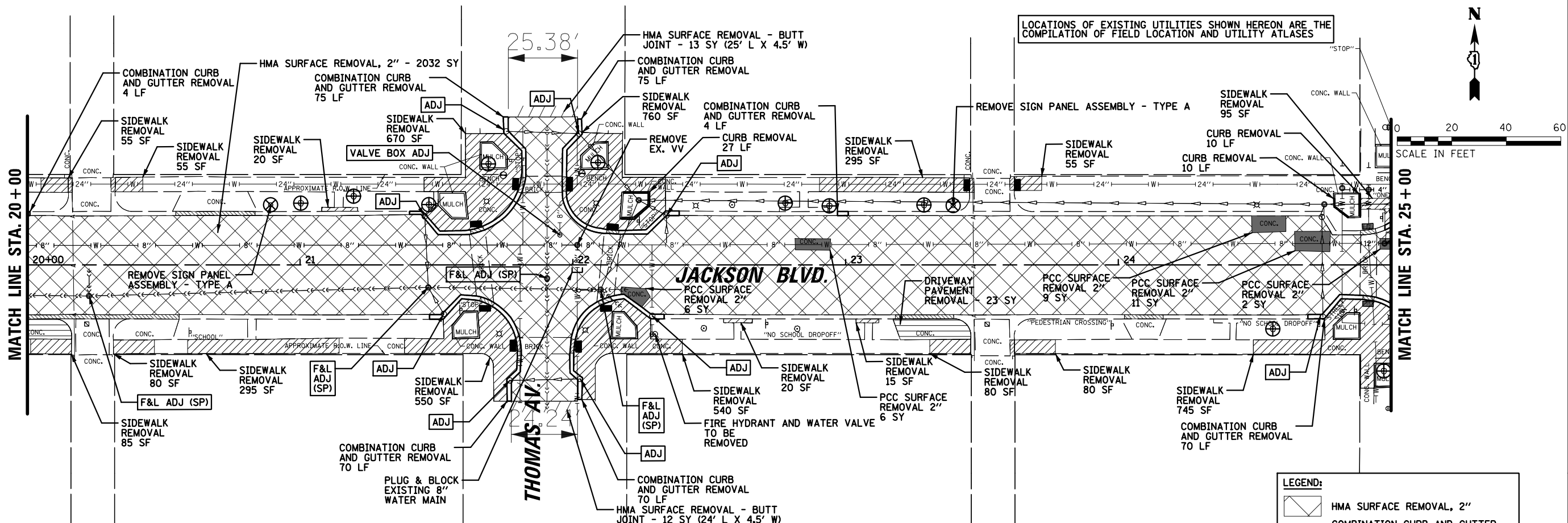


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		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	17
		CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
		PLOT DATE = 9/9/2025	DATE - 9/9/2025		REVISED - _____	ILLINOIS FED. AID PROJECT								
				SCALE: 20'	SHEET	OF	SHEETS	STA. 30+00.00	TO STA. 39+00.00					



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 =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\REM01.0023.BG130.sht		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	18
	PLOT SCALE = 48"	CHECKED - JFA	REVISED - _____							CONTRACT NO. 61L90				
Default	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								



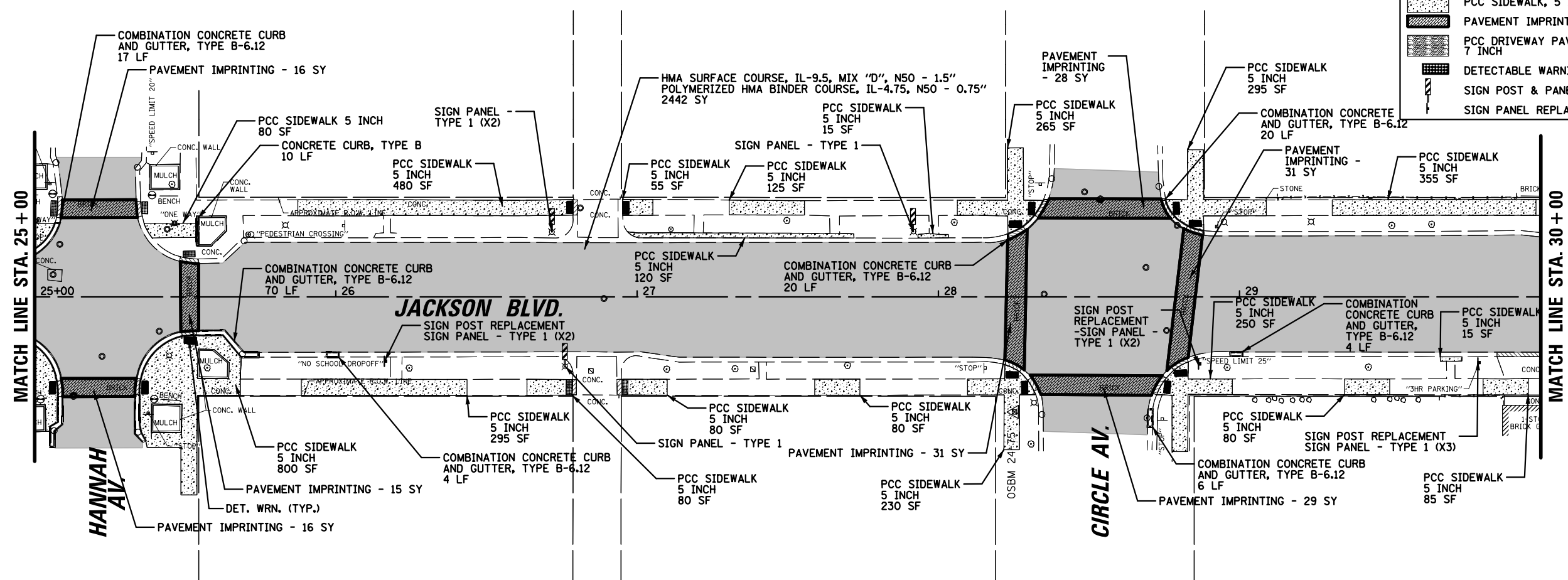
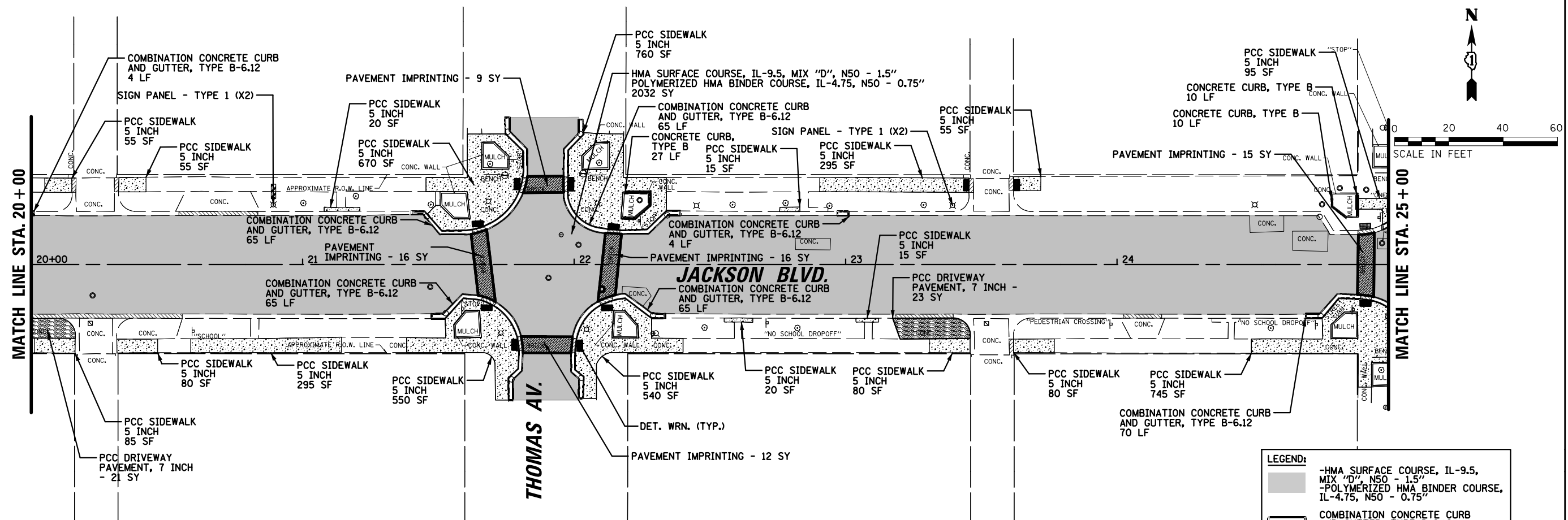
LEGEND:	
	HMA SURFACE REMOVAL, 2"
	COMBINATION CURB AND GUTTER REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIGN POST/SIGN PANEL REMOVAL
	STRUCTURES TO BE ADJUSTED
	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	TREE ROOT PRUNING
	TREE TRUNK PROTECTION

FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLAN					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\REM02.0023.BG130.sht		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	19
	PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		ILLINOIS FED. AID PROJECT									
Default					SCALE: 20'	SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 30+00.00				

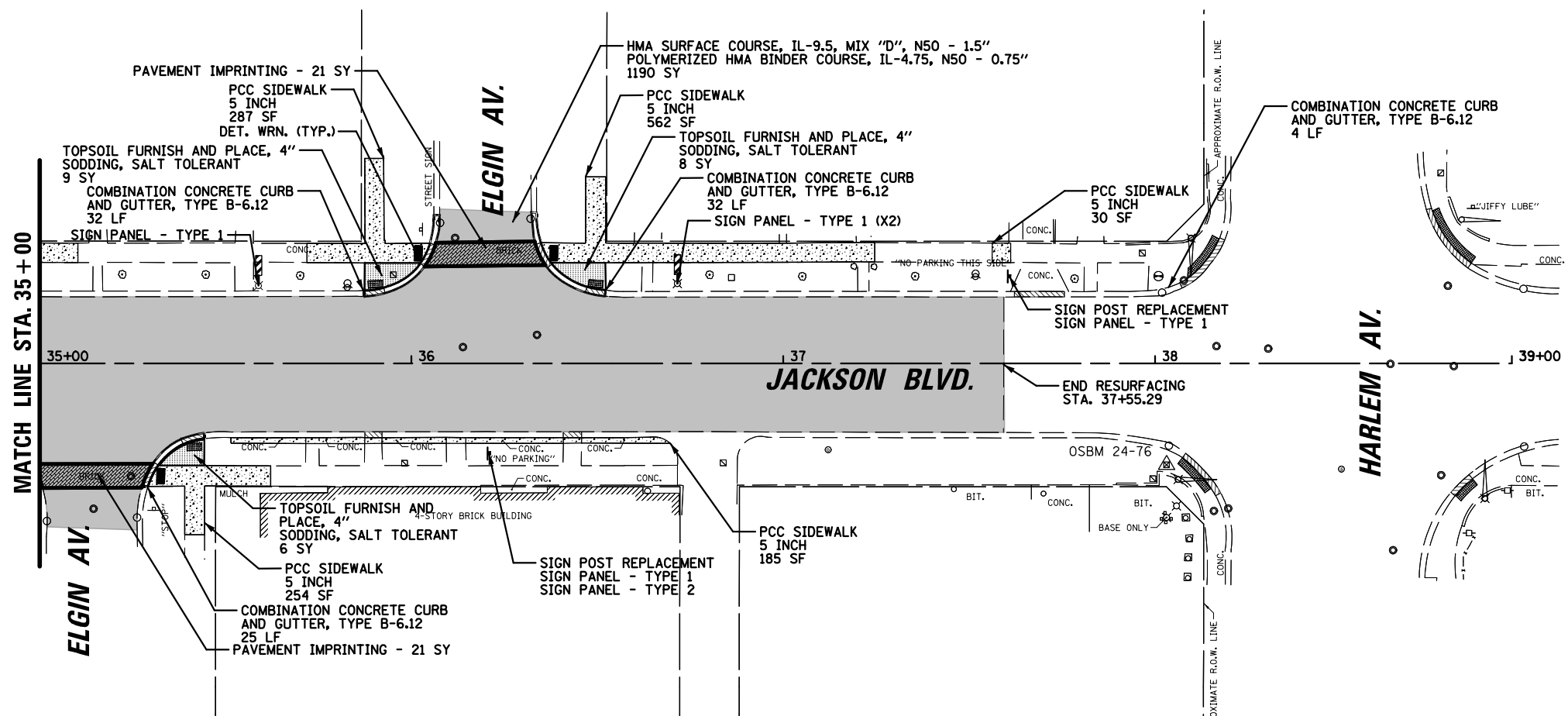
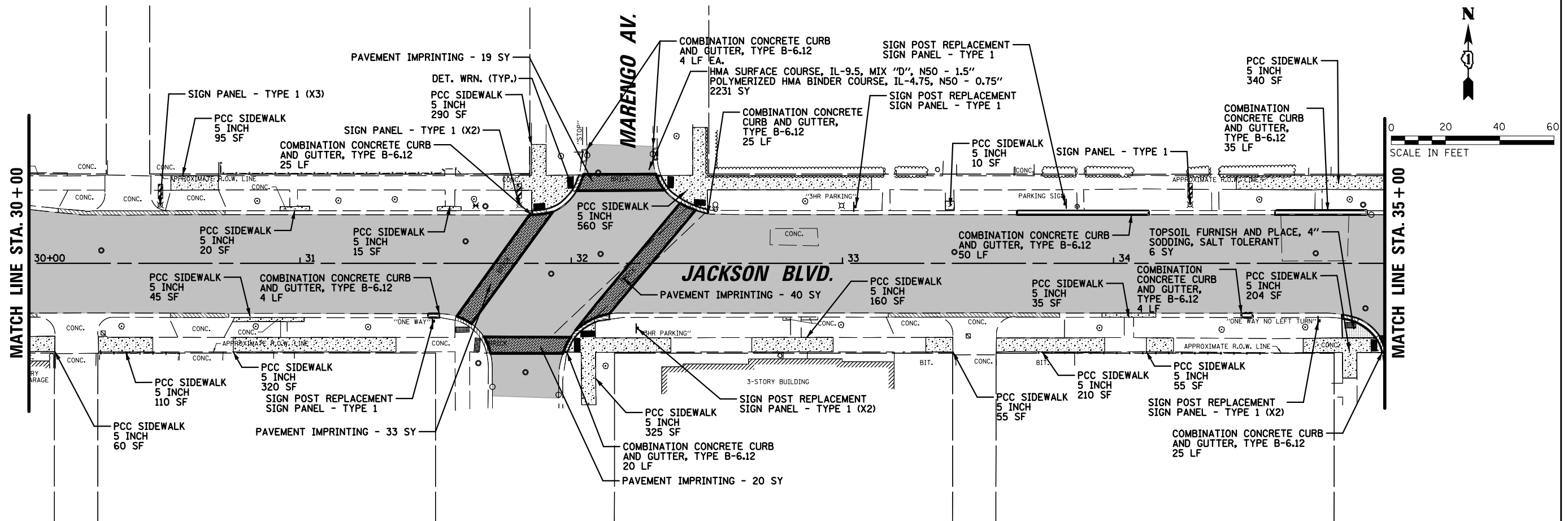






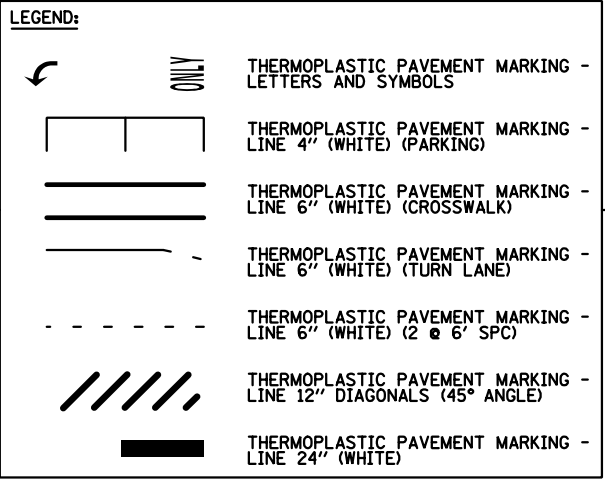


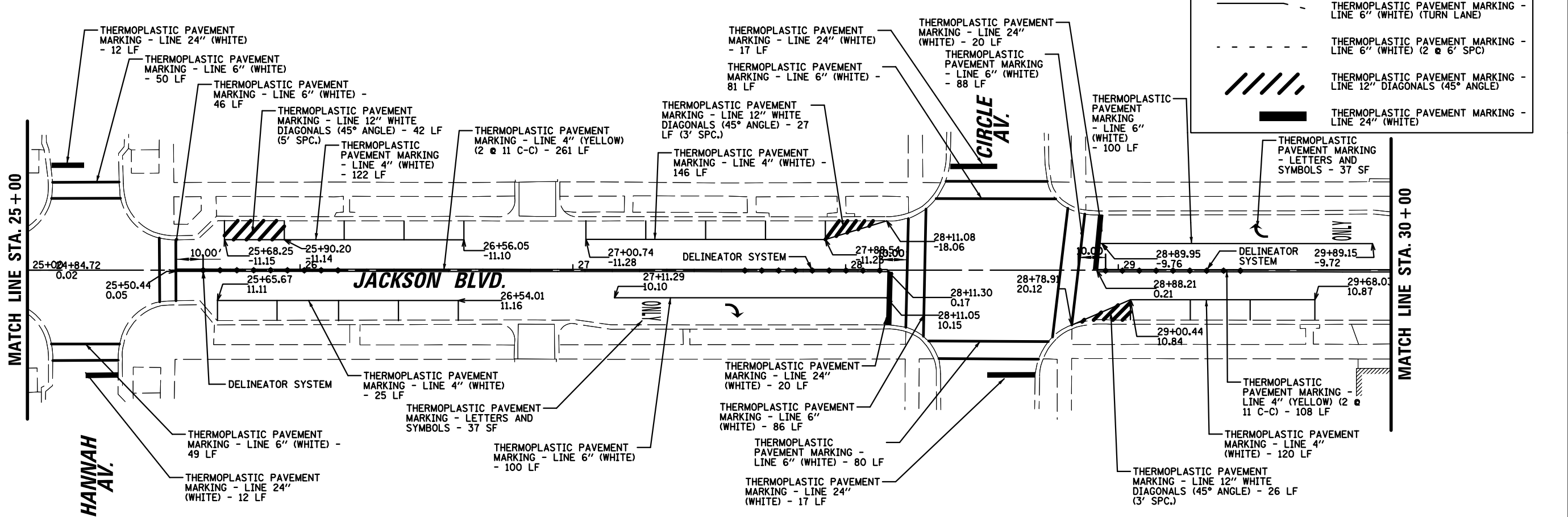
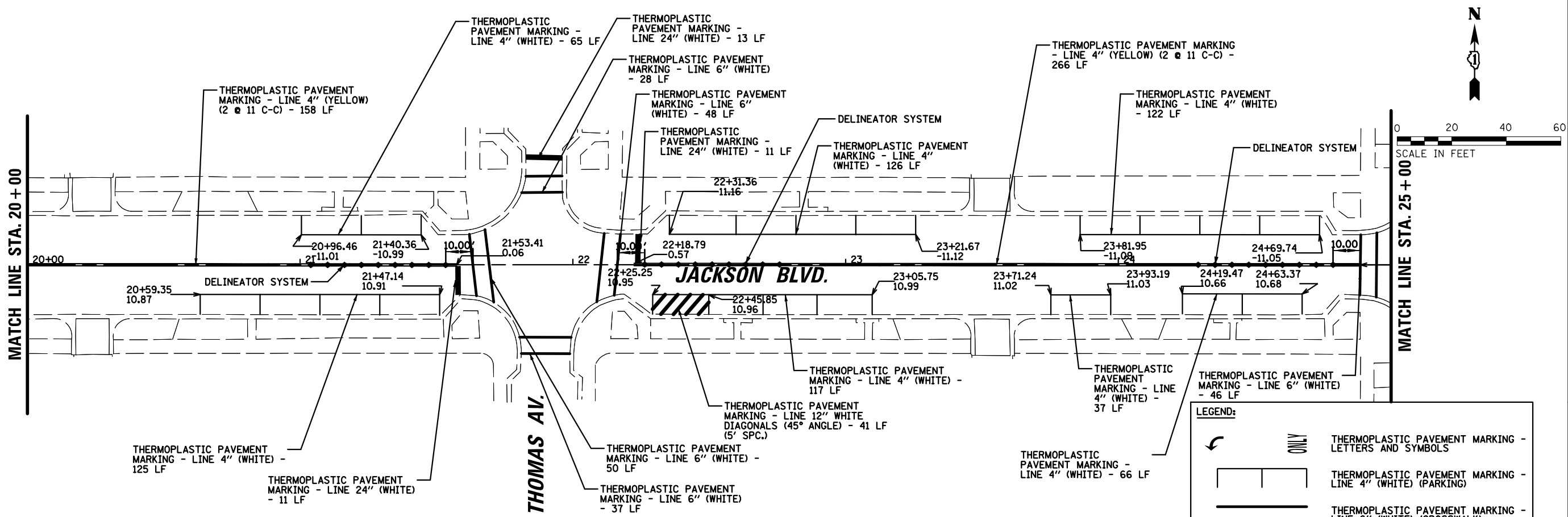
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N:\FORESTPARK\0023\BG130\Civil\PRO02.0023.BG130.sht	DRAWN - RMW	REVISED - _____	1462						25-00121-00-RS	COOK	49	22	
PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____	CONTRACT NO. 61L90										
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025						REVISED - _____	SCALE: 20'	SHEET OF SHEETS	STA. 20+00.00 TO STA. 30+00.00	ILLINOIS FED. AID PROJECT	



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

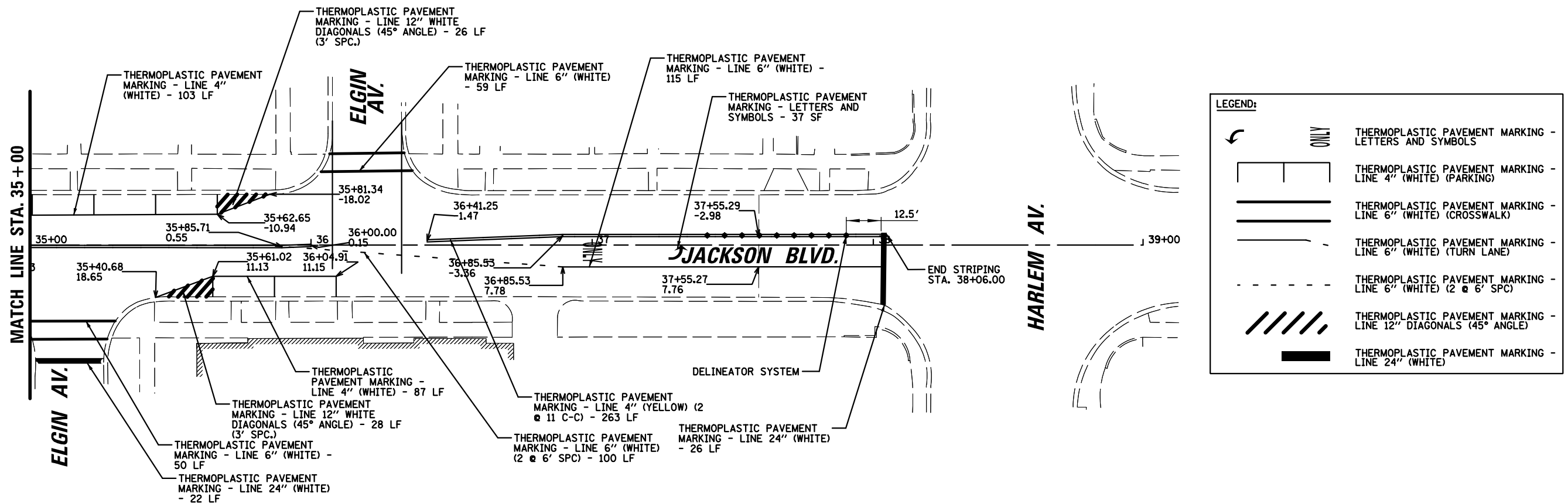
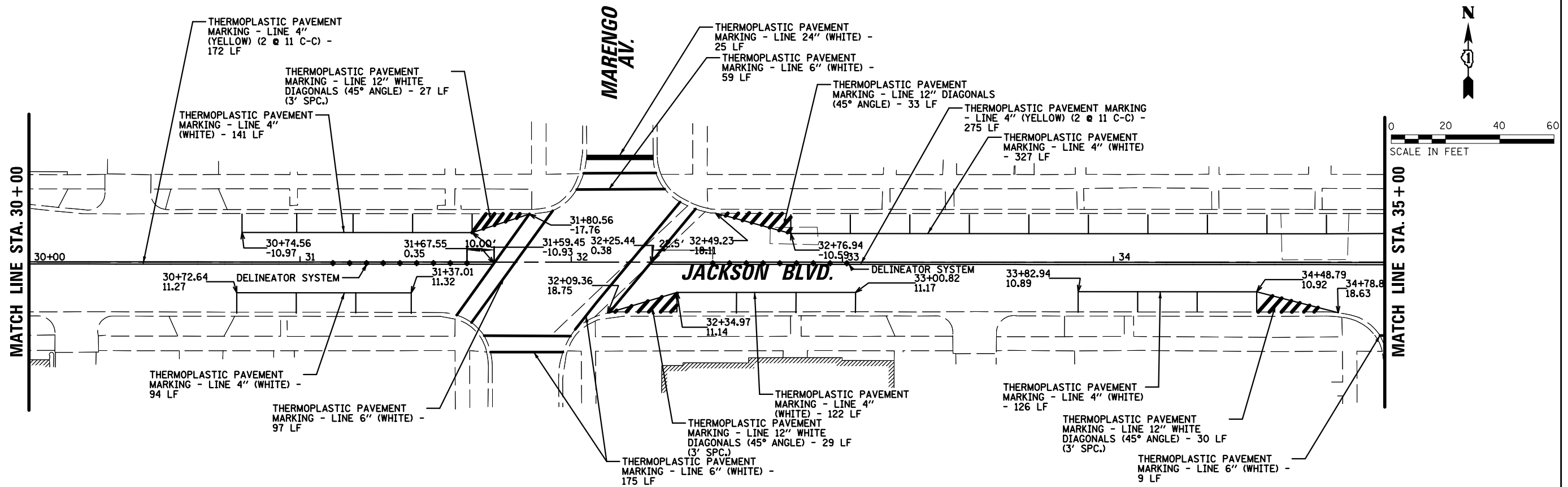
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N:\FORESTPARK\0023\BG130\Civil\PRO03_0023.BG130.sht		DRAWN - RMW	REVISED - _____							1462	25-00121-00-RS	COOK	49	23
	PLOT SCALE = 40'	CHECKED - JFA	REVISED - _____		CONTRACT NO. 61L90									
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED - _____		ILLINOIS FED. AID PROJECT									
				SCALE: 20'	SHEET	OF	SHEETS	STA. 30+00.00	TO STA. 37+55.29					





LEGEND:	
	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) (PARKING)
	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (CROSSWALK)
	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (TURN LANE)
	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (2 @ 6' SPC)
	THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS (45° ANGLE)
	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

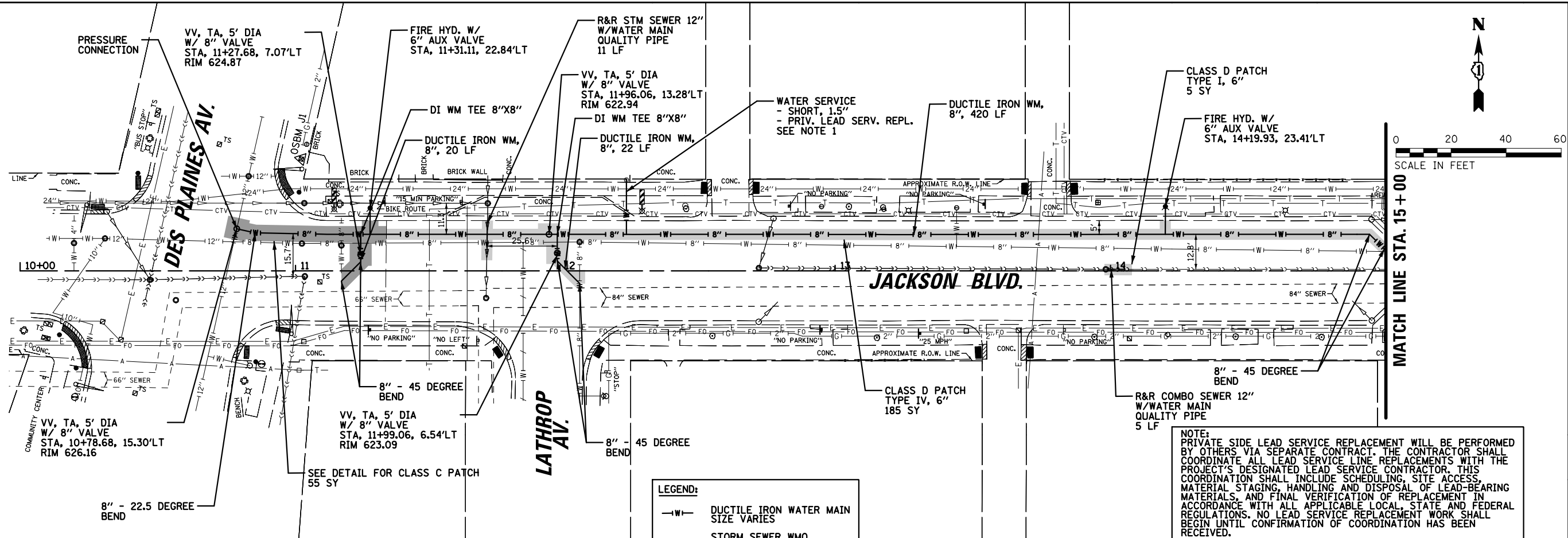
FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\PMK02.0023.BG130.sht	DRAWN - RMW	REVISED -	1462						25-00121-00-RS	COOK	49	25	
PLOT SCALE = 40'	CHECKED - JFA	REVISED -	CONTRACT NO. 61L90										
PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -	ILLINOIS FED. AID PROJECT										
Default					SCALE: 20'	SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 30+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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Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -							ILLINOIS FED. AID PROJECT				
										SCALE: 20'	SHEET	OF	SHEETS	STA. 30+00.00 TO STA. 39+00.00

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



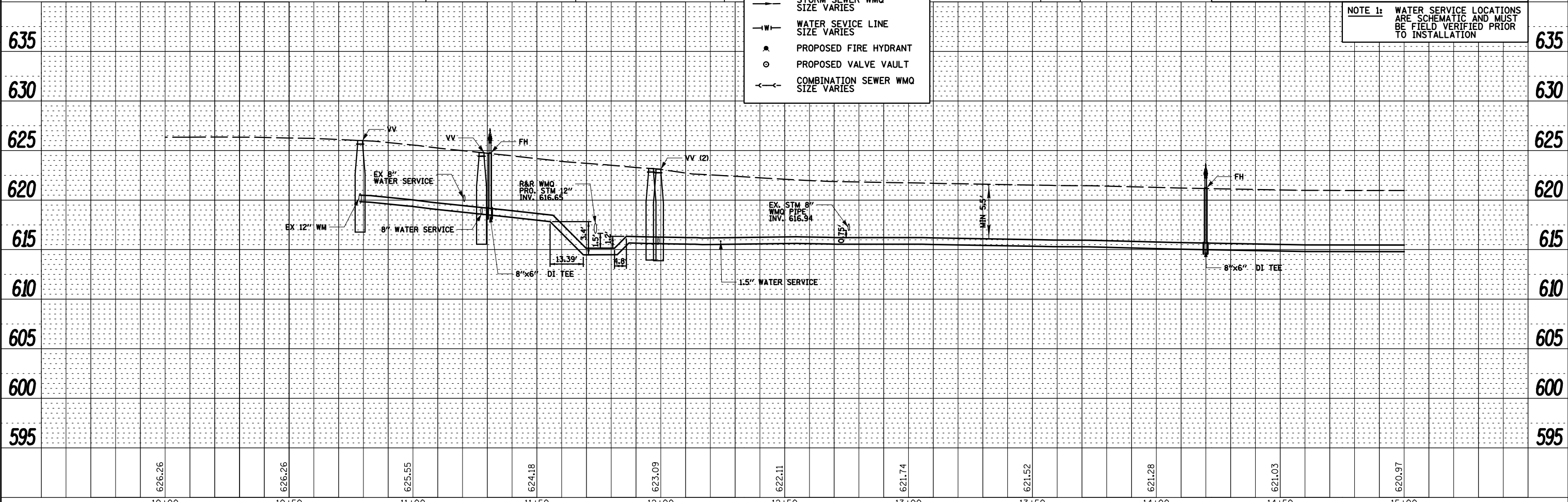
**LEGEND:**

- 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  
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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			

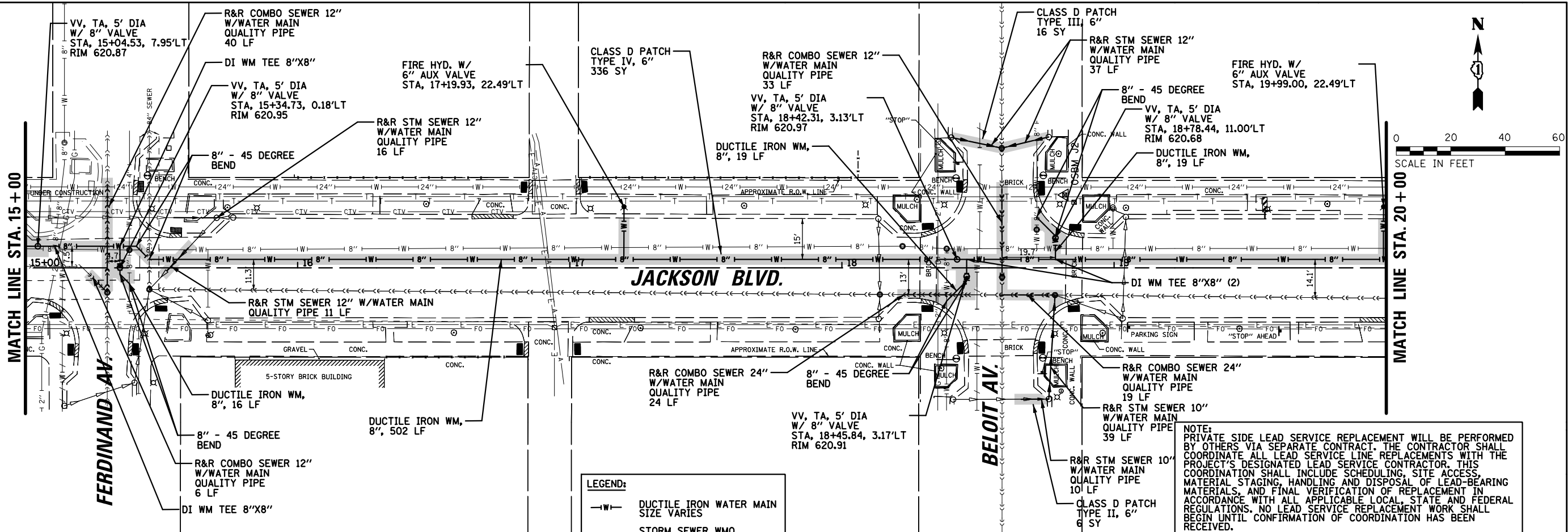


		10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00				
FILE NAME =	USER NAME = rwilliams	DESIGNED - RMW	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED WATERMAIN PLAN & PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\APP01.0023	BG130-WM.sht	DRAWN - RMW	REVISED - _____									1462	25-00121-00-RS	COOK	49	27
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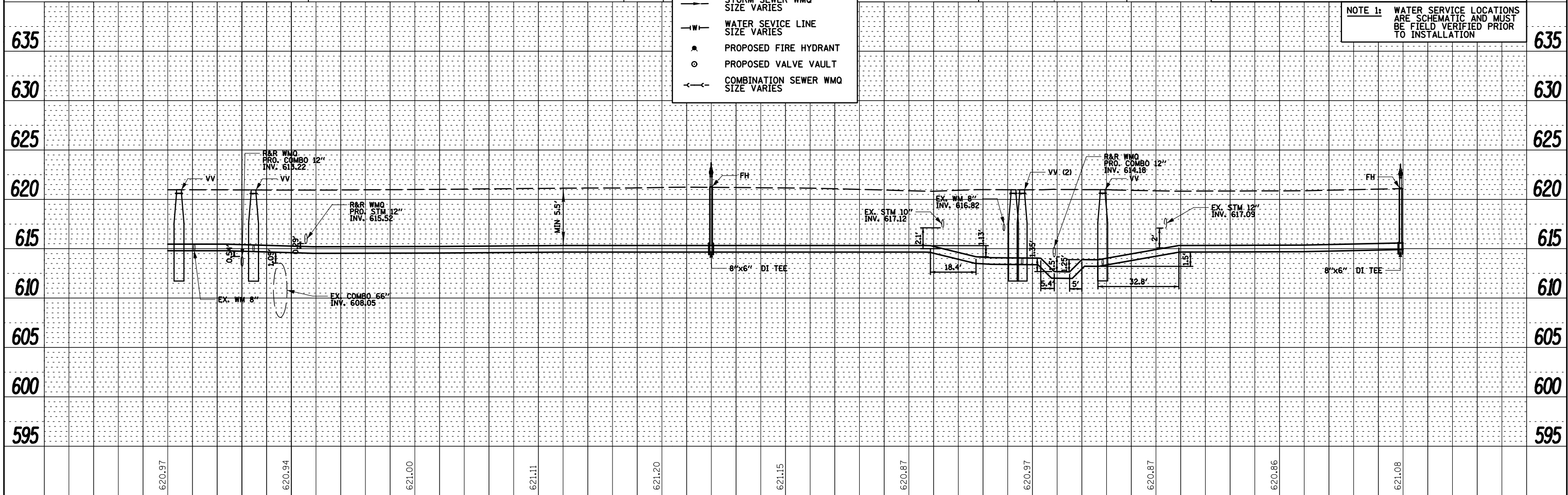


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	NO.		

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



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	NO.		

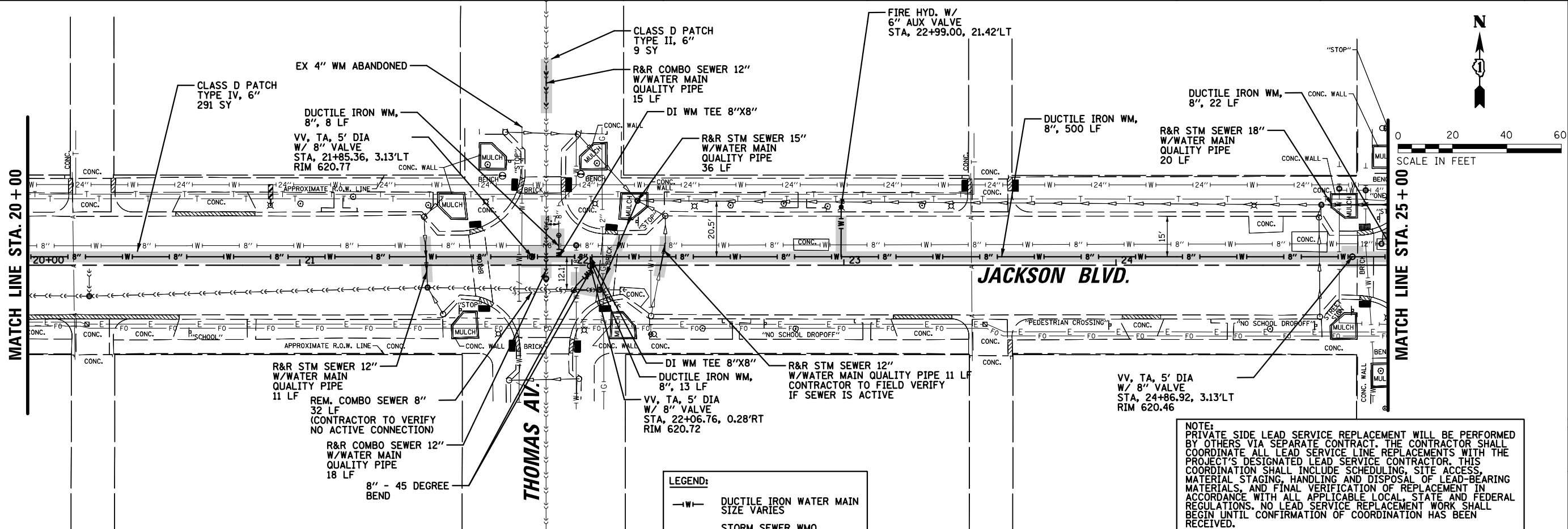


15+00		15+50		16+00		16+50		17+00		17+50		18+00		18+50		19+00		19+50		20+00			
FILE NAME =	USER NAME = rwilliams		DESIGNED - RMW	REVISED - _____		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION						PROPOSED WATERMAIN PLAN & PROFILE						F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
N:\FORESTPARK\0023\BG130\Civil\RP02.0023	BG130 -WM.sht		DRAWN - RMW	REVISED - _____														1462	25-00121-00-RS		COOK	49	28
Default	PLOT SCALE = 40'		CHECKED - JFA	REVISED - _____								SCALE: 20'      SHEET      OF      SHEETS      STA. 15+00.00      TO STA. 20+00.00						CONTRACT NO. 61L90					
	PLOT DATE = 9/9/2025		DATE - 9/9/2025	REVISED - _____														ILLINOIS FED. AID PROJECT					

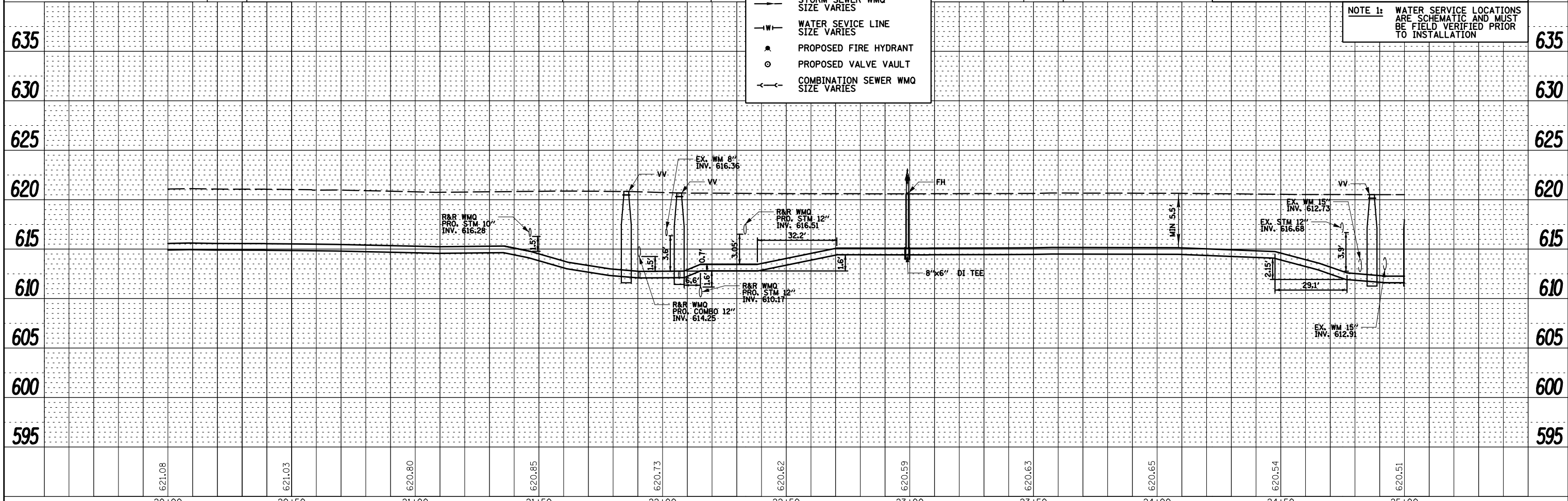


PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CADD FILE NAME	CHECKED		
	DESIGNED		

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE  
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PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
CADD FILE NAME	CHECKED		
	DESIGNED		



FILE NAME = N:\FORESTPARK\0023\BG130\Civil\VRPP03.0023	USER NAME = rwilliams	DESIGNED - RMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED WATERMAIN PLAN & PROFILE				F.A.U. RTE. 1462	SECTION 25-00121-00-RS	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 29
Default	PLOT SCALE = 48"	CHECKED - JFA	REVISED -		SCALE: 20'	SHEET	OF	SHEETS	STA. 20+00.00	TO STA. 25+00.00	CONTRACT NO. 61L90		
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		ILLINOIS FED. AID PROJECT								

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

**MATCH LINE STA. 25 + 00**

**MATCH LINE STA. 30 + 00**

**JACKSON BLVD.**

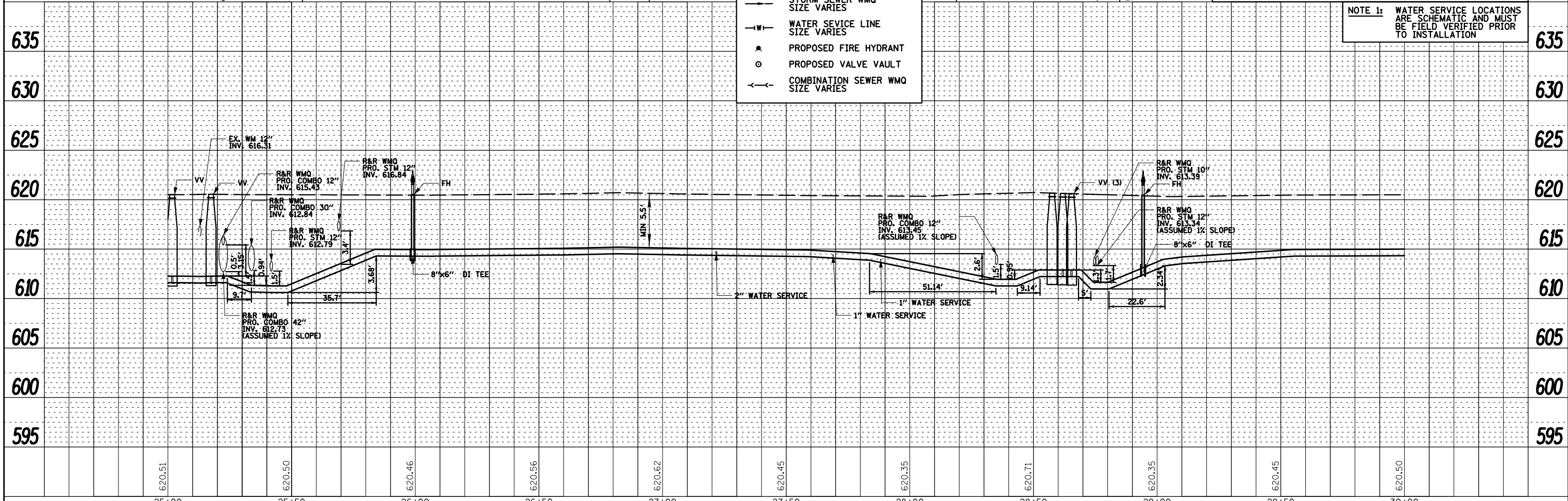
**HANNAH AV.**

**CIRCLE AV.**

**LEGEND:**

- W— DUCTILE IRON WATER MAIN SIZE VARIES
- S— STORM SEWER WMO

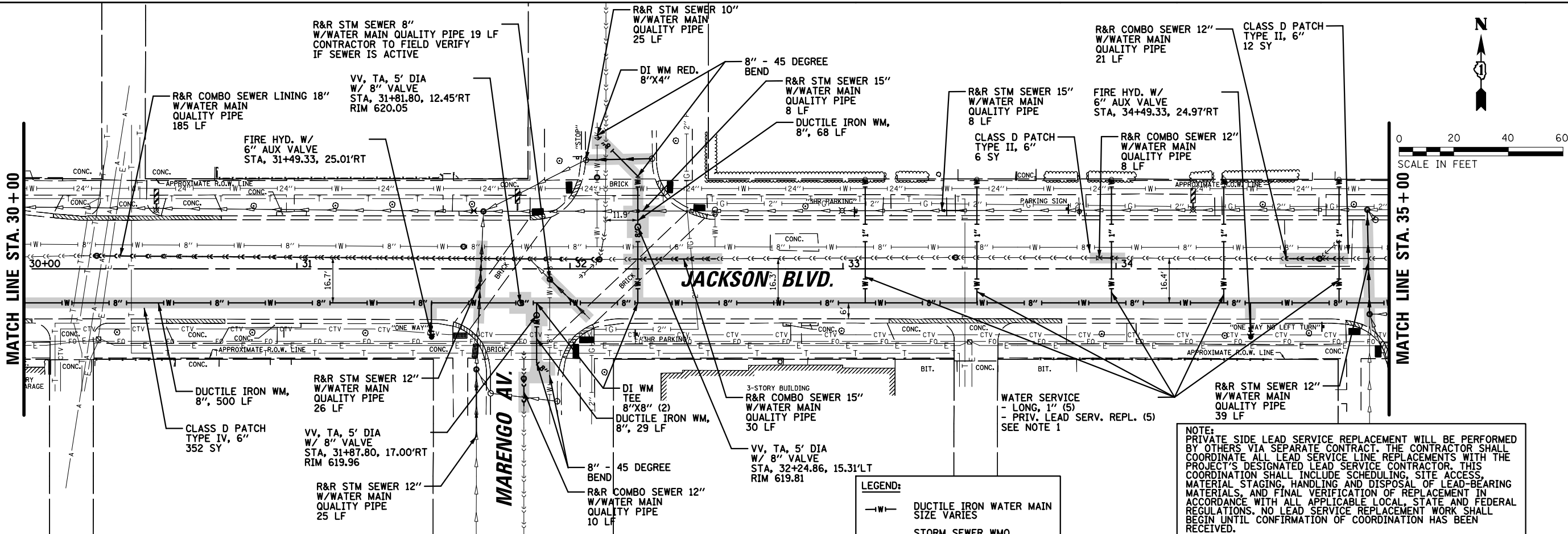
**NOTE:**  
PRIVATE SIDE LEAD SERVICE REPLACEMENT WILL BE PERFORMED BY OTHERS VIA SEPARATE CONTRACT. THE CONTRACTOR SHALL COORDINATE ALL LEAD SERVICE LINE REPLACEMENTS WITH THE PROJECT'S DESIGNATED LEAD SERVICE CONTRACTOR. THIS COORDINATION SHALL INCLUDE SCHEDULING, SITE ACCESS, MATERIAL STAGING, HANDLING AND DISPOSAL OF LEAD-BEARING MATERIALS, AND FINAL VERIFICATION OF REPLACEMENT IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. NO LEAD SERVICE REPLACEMENT WORK SHALL BEGIN UNTIL CONFIRMATION OF COORDINATION HAS BEEN RECEIVED.



25+00		25+50		26+00		26+50		27+00		27+50		28+00		28+50		29+00		29+50		30+00						
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.
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Default	PLOT SCALE = 40'		CHECKED - JFA	REVISED - _____												CONTRACT NO. 61L90					ILLINOIS FED. AID PROJECT					
	PLOT DATE = 9/9/2025		DATE - 9/9/2025	REVISED - _____																						SCALE: 20'

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

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE  
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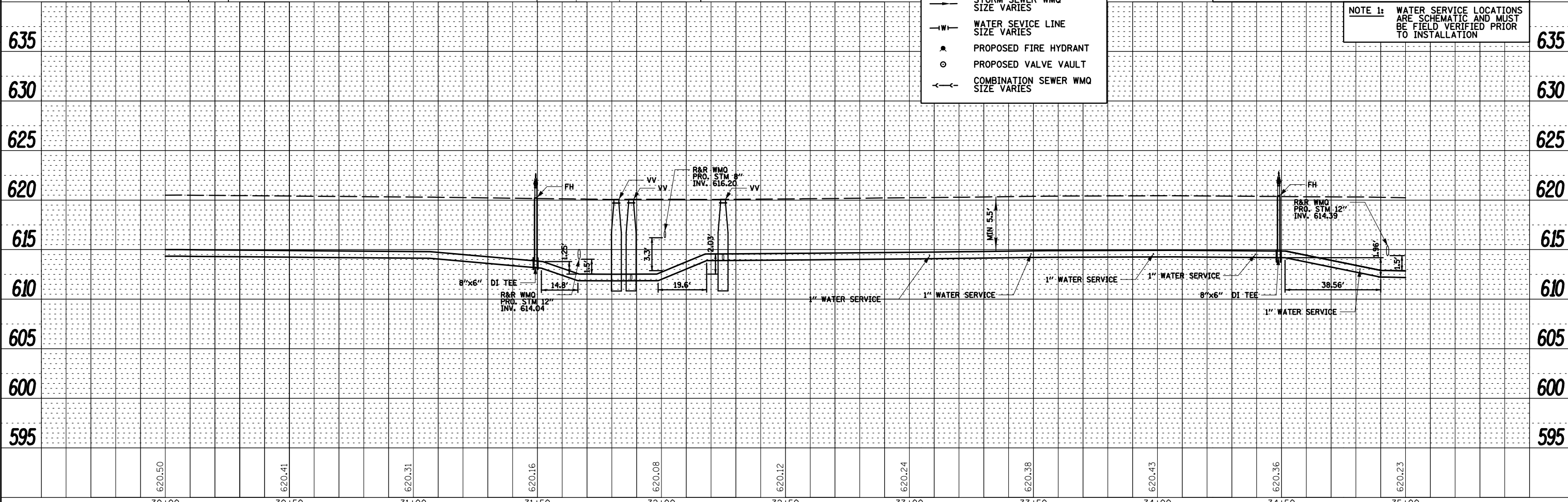


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- LEGEND:
- W— DUCTILE IRON WATER MAIN  
SIZE VARIES
  - S— STORM SEWER WMQ  
SIZE VARIES
  - W— WATER SEVICE LINE  
SIZE VARIES
  - ⦿ PROPOSED FIRE HYDRANT
  - PROPOSED VALVE VAULT
  - C— COMBINATION SEWER WMQ  
SIZE VARIES

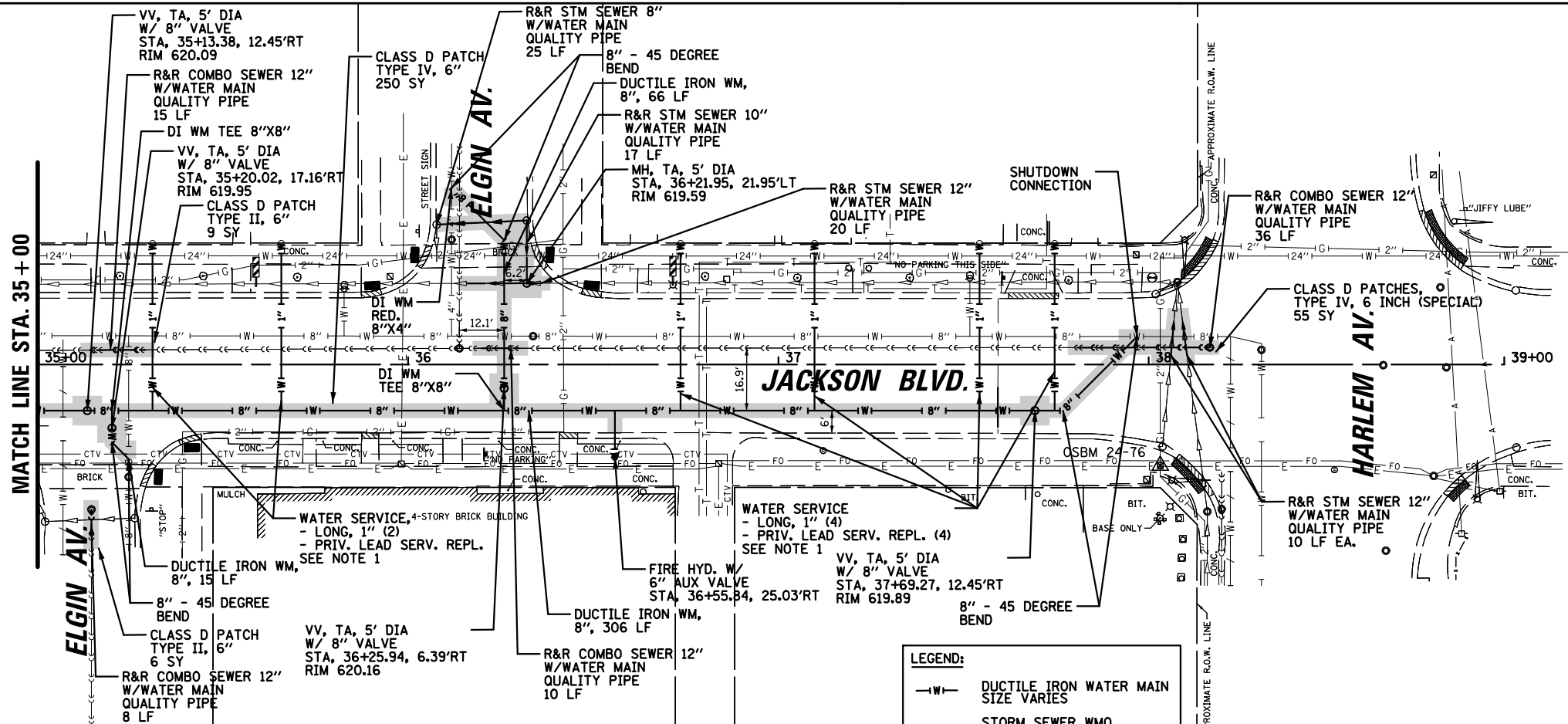
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIS CHKO		
NOTE BOOK			
NO.			



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

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

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON ARE THE  
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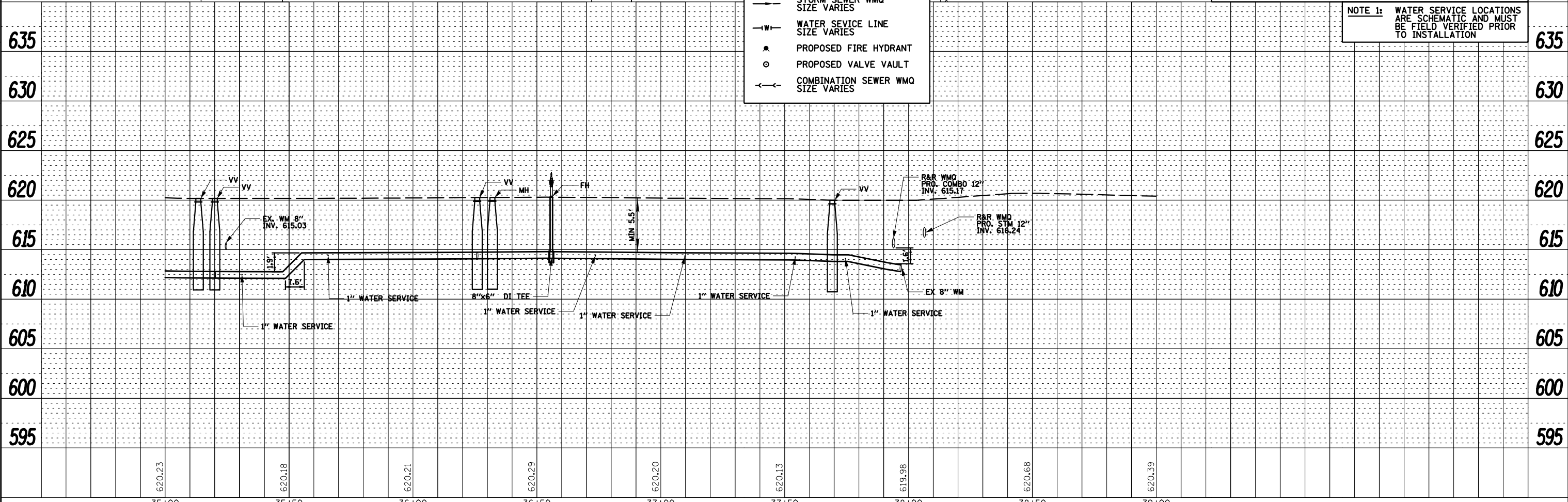
NOTE:  
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**LEGEND:**

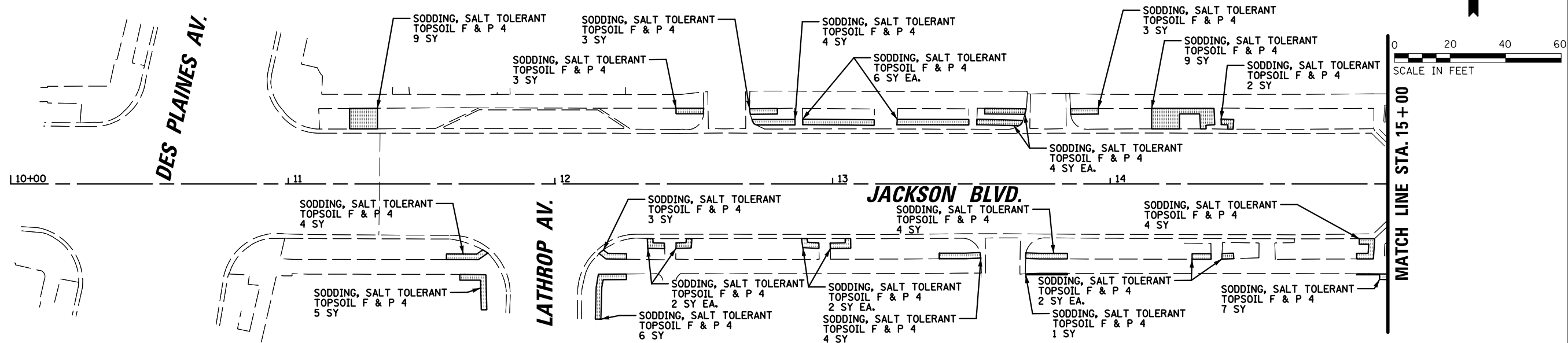
- W— DUCTILE IRON WATER MAIN  
SIZE VARIES
- S— STORM SEWER WMQ  
SIZE VARIES
- W— WATER SERVICE LINE  
SIZE VARIES
- PROPOSED FIRE HYDRANT
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NOTE 1: WATER SERVICE LOCATIONS  
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIS CHKO		
	NO.		



35+00		35+50		36+00		36+50		37+00		37+50		38+00		38+50		39+00											
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\APP06_0023		BG130 -WM.sht		DRAWN - RMW		REVISED - _____										1462		25-00121-00-RS		COOK		49		32			
Default		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. 35+00.00 TO STA. 39+00.00		ILLINOIS		FED. AID PROJECT							



**LEGEND:**

SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE 4"

Ca oa

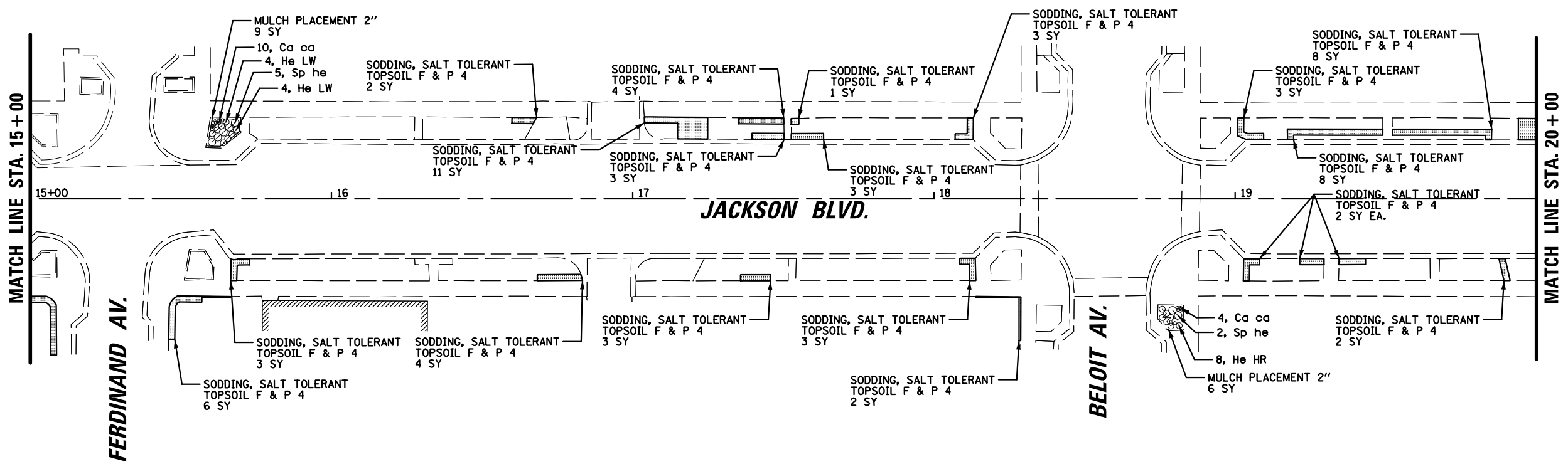
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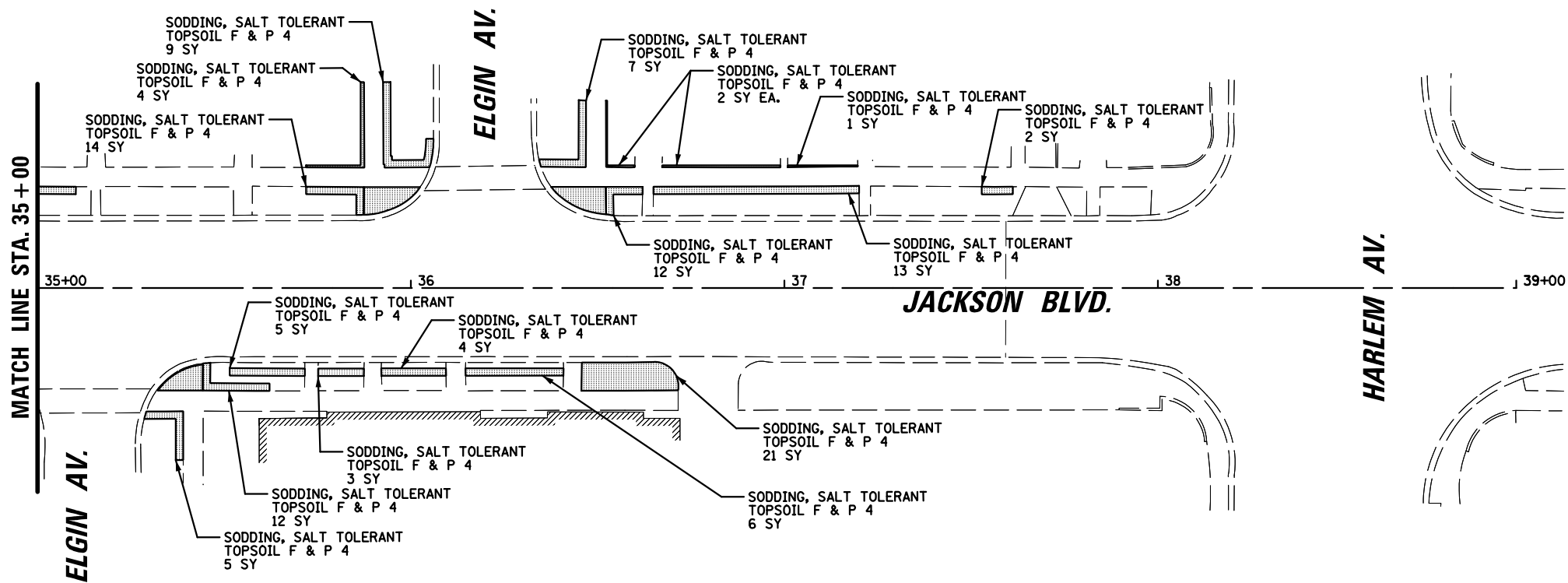
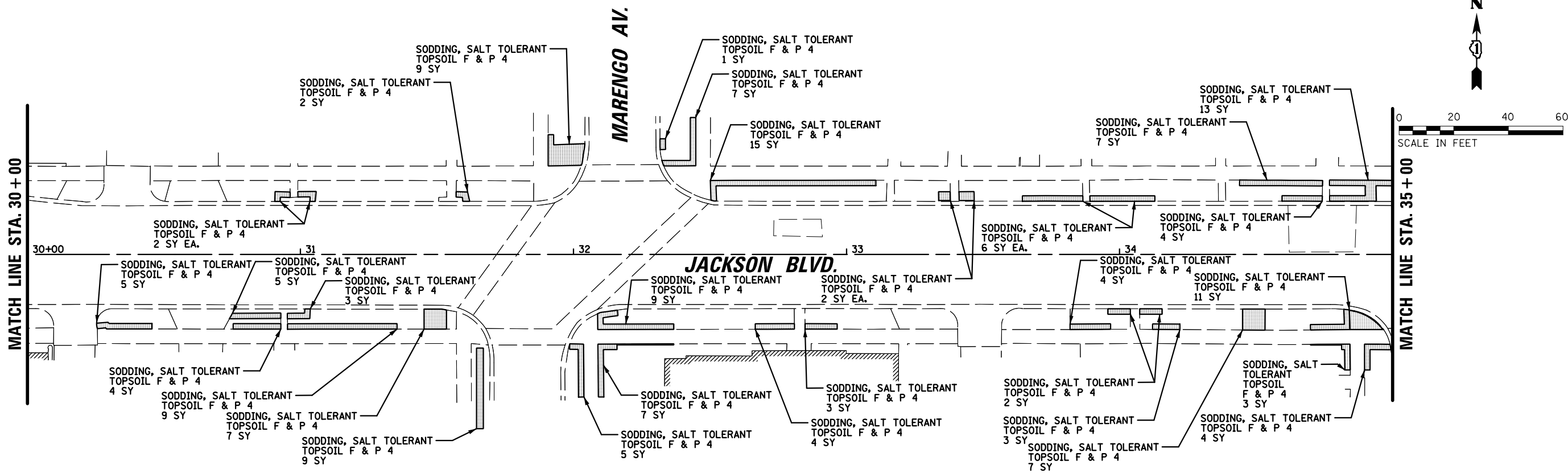
He HR

- GENERAL CONSTRUCTION NOTES:**
1. ALL ALTERCATIONS 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'	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'	11	#1	Cont.	2.5' O.C.







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				







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.



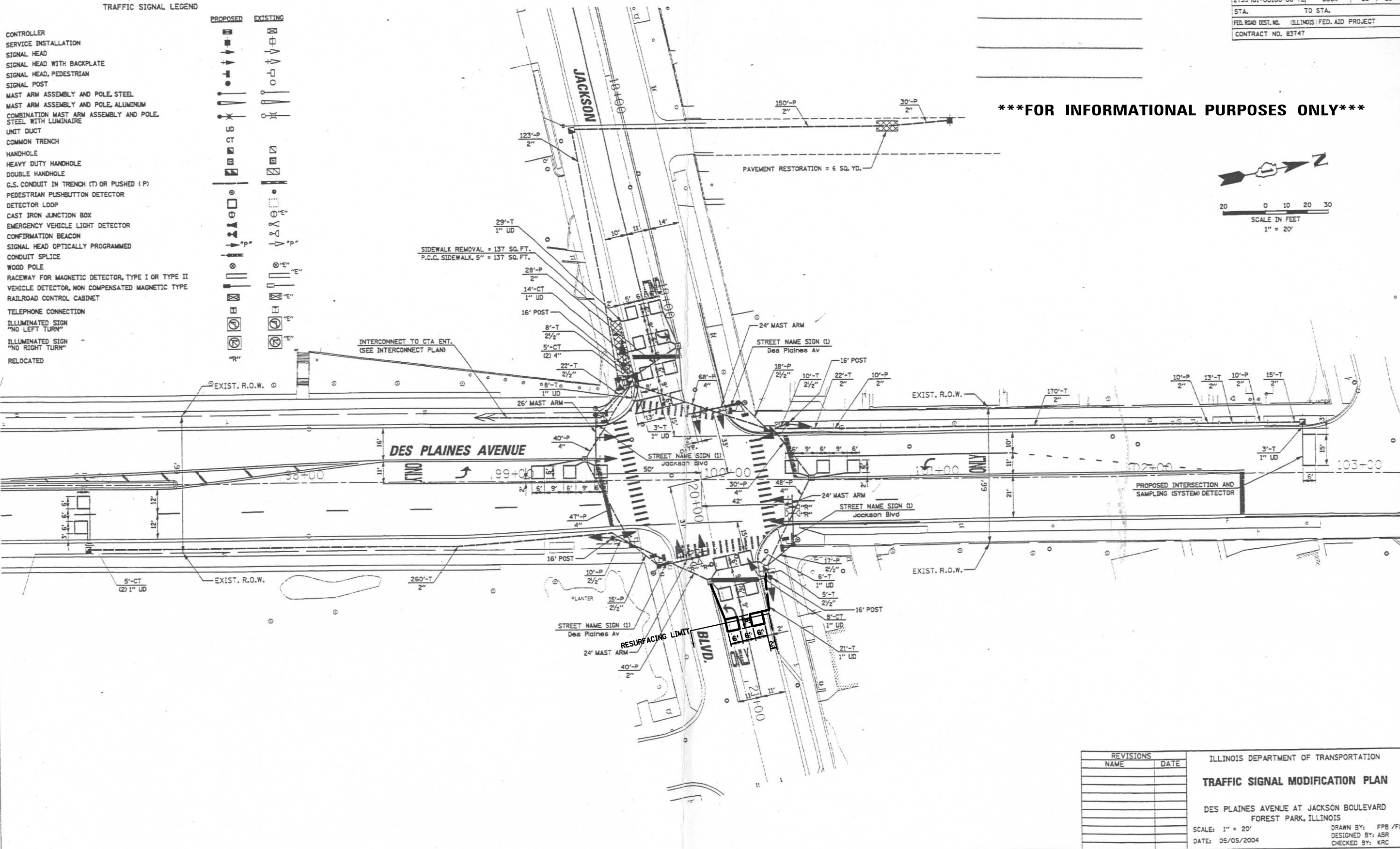
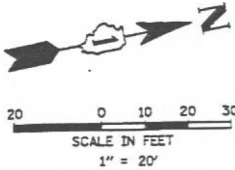
	PROPOSED	EXISTING		PROPOSED	EXISTING
CONTROLLER			PEDESTRIAN PUSHBUTTON DETECTOR		
SERVICE INSTALLATION			DETECTOR LOOP		
SIGNAL HEAD			CAST IRON JUNCTION BOX		
SIGNAL HEAD WITH BACKPLATE			EMERGENCY VEHICLE LIGHT DETECTOR		
SIGNAL HEAD, PEDESTRIAN			CONFIRMATION BEACON		
SIGNAL POST			SIGNAL HEAD OPTICALLY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

 <b>CHRISTOPHER B. BURKE</b> ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	CLIENT:		 <b>VILLAGE OF FOREST PARK</b> 517 DES PLAINES AVENUE FOREST PARK, IL 60130-1801	DSGN. ABR DWN. FPB CHKD. GMZ SCALE: 1" = 20' DATE: 4/23/2007		TITLE: <b>TRAFFIC SIGNAL MODIFICATION PLAN</b> DES PLAINES AVENUE AT JACKSON BOULEVARD FOREST PARK, ILLINOIS		PROJECT NO. 03590 SHEET 2 OF 7 DRAWING NO. <b>MOD-1</b>	
	NO. DATE			NATURE OF REVISION		CHKD.		N:\forestpk\03590\Traffic_Design\Wlcox\MOD_1\lcox.dgn	
<div style="display: flex; justify-content: space-between;"> <div>         FILE NAME =          N:\FORESTPARK\0203\BG130\Civil\SIG01A-Des       </div> <div>         USER NAME = rwilliams          DES PLAINES Int.0023.BG130.sht       </div> <div>         DESIGNED - JEH          DRAWN - JEH       </div> <div>         REVISED -          REVISED -          REVISED -       </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div>         PLOT SCALE = 80'          PLOT DATE = 9/9/2025       </div> <div>         CHECKED - JFA          DATE - 9/9/2025       </div> <div>         REVISED -          REVISED -       </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div>         STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION       </div> <div>         DES PLAINES AVENUE INTERSECTION          TRAFFIC SIGNAL PLANS       </div> <div>         F.A.U. RTE.          1462       </div> <div>         SECTION          25-00121-00-RS       </div> <div>         COUNTY          COOK       </div> <div>         TOTAL SHEETS          49       </div> <div>         SHEET NO.          36       </div> </div>									
<div style="display: flex; justify-content: space-between;"> <div>         SCALE: N.T.S.       </div> <div>         SHEET 2 OF 2 SHEETS       </div> <div>         STA. TO STA.       </div> <div>         CONTRACT NO. 61L90       </div> </div>									



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2759	101-00100-00-TL	COOK	38	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 83747				

\*\*\*FOR INFORMATIONAL PURPOSES ONLY\*\*\*



n:\forestpk\03-590\Traffic\_Design\MOD\_Jackson.dgn

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

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	REVISED -
N:\FORESTPARK\0023\BG130\Civil\SIG001-Des	Plaines Int.0023.BG130.sht	DRAWN - JEH	REVISED -
Default	PLOT SCALE = 80'	CHECKED - JFA	REVISED -
	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -

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.

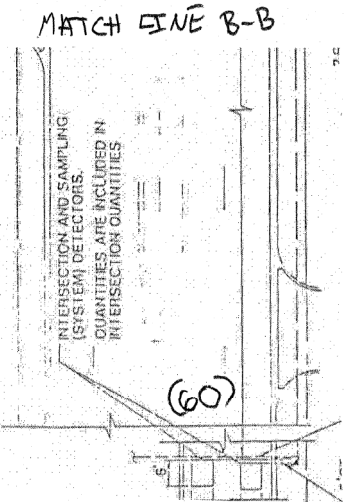
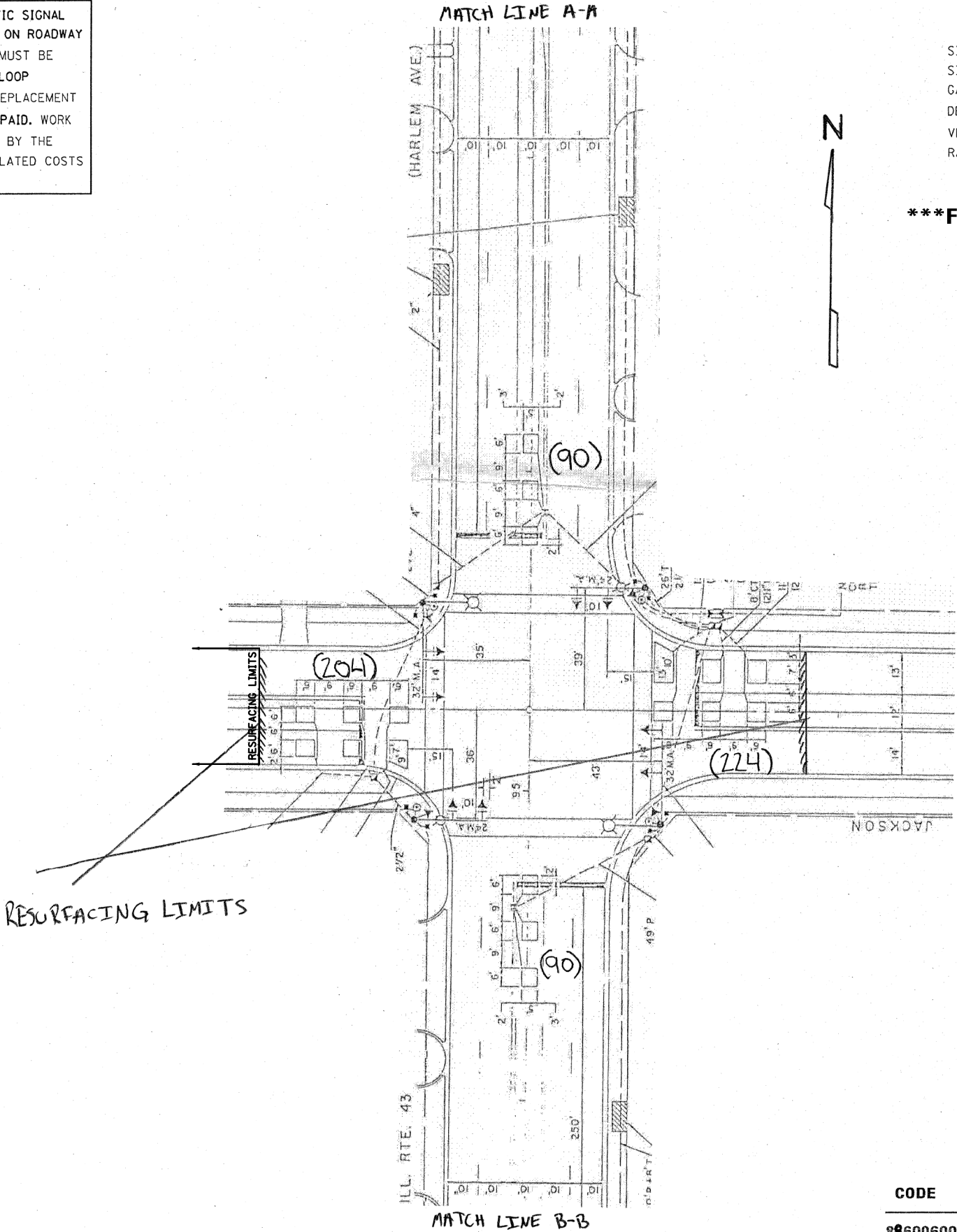
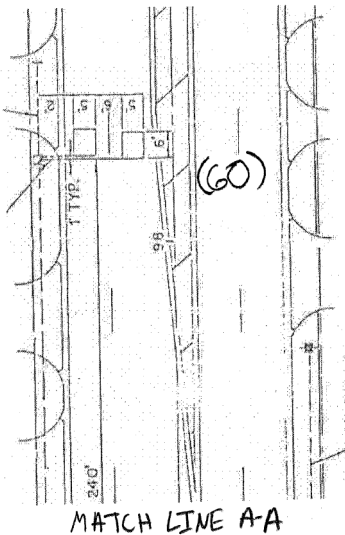
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	37
CONTRACT NO. 61L90				
ILLINOIS FED. AID PROJECT				

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\*\*\*

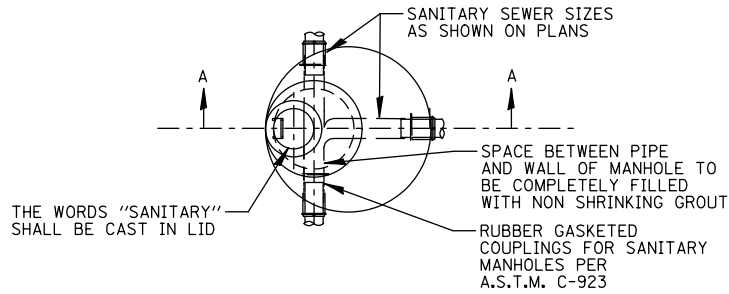


REPLACE ALL DETECTOR LOOPS AS SHOWN  
(WITHIN THE RESURFACING LIMITS)

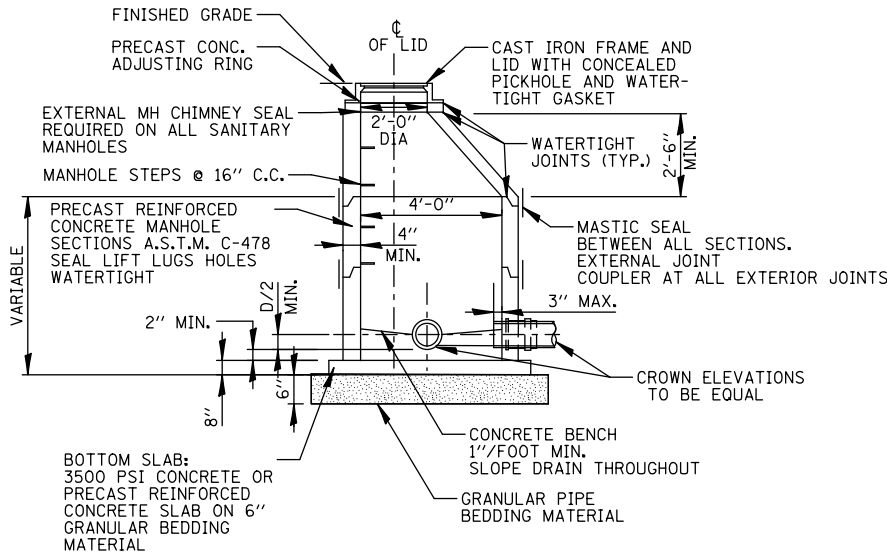
CODE	QUANTITY	UNIT	ITEM
88600600	728	FOOT	DETECTOR LOOP, REPLACEMENT

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

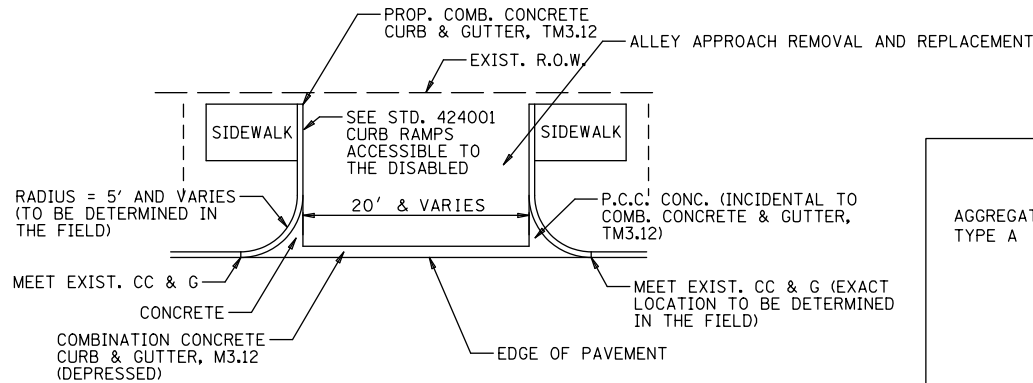
FILE NAME =				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT ONE - DETECTOR LOOP REPLACEMENT IL 43 HARLEM AVE @ JACKSON BLVD				F.A.U. R.T.E. 348 SECTION 2010-090-RS COUNTY COOK TOTAL SHEETS 56 SHEET NO. 30 CONTRACT NO. 60186			
USER NAME = nguyensm				DESIGNED -				SCALE:				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
DRAWN -				REVISED -				SHEET NO. OF SHEETS STA. TO STA.				SECTION 25-00121-00-RS COUNTY COOK TOTAL SHEETS 49 SHEET NO. 38 CONTRACT NO. 61L90			
PLOT SCALE = 100.0000' / IN.				CHECKED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				HARLEM AVENUE INTERSECTION TRAFFIC SIGNAL PLANS			
PLOT DATE = 11/19/2010				DATE -				SCALE: N.T.S.				ILLINOIS FED. AID PROJECT			
USER NAME = rwilliams				DESIGNED - JEH				SHEET 1 OF 1 SHEETS STA. TO STA.							
DRAWN - JEH				REVISED -											
PLOT SCALE = 80'				CHECKED - JFA											
PLOT DATE = 9/9/2025				DATE - 9/9/2025											



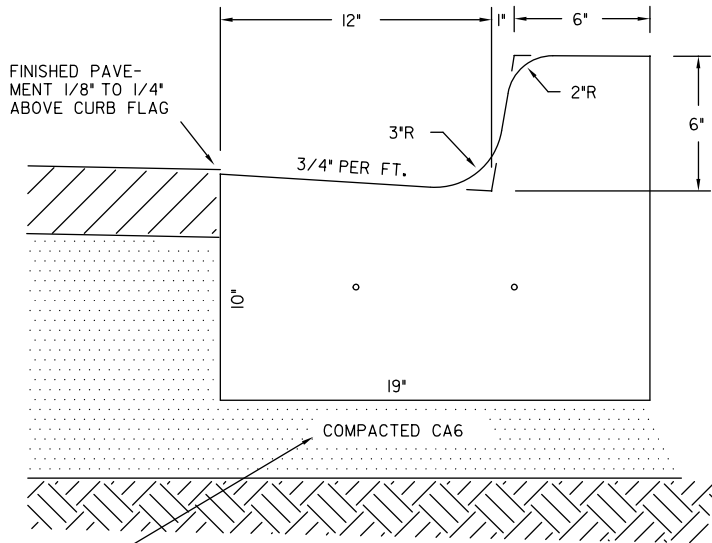
PLAN



STANDARD MANHOLE



TYPICAL RETURN AT ALLEYS

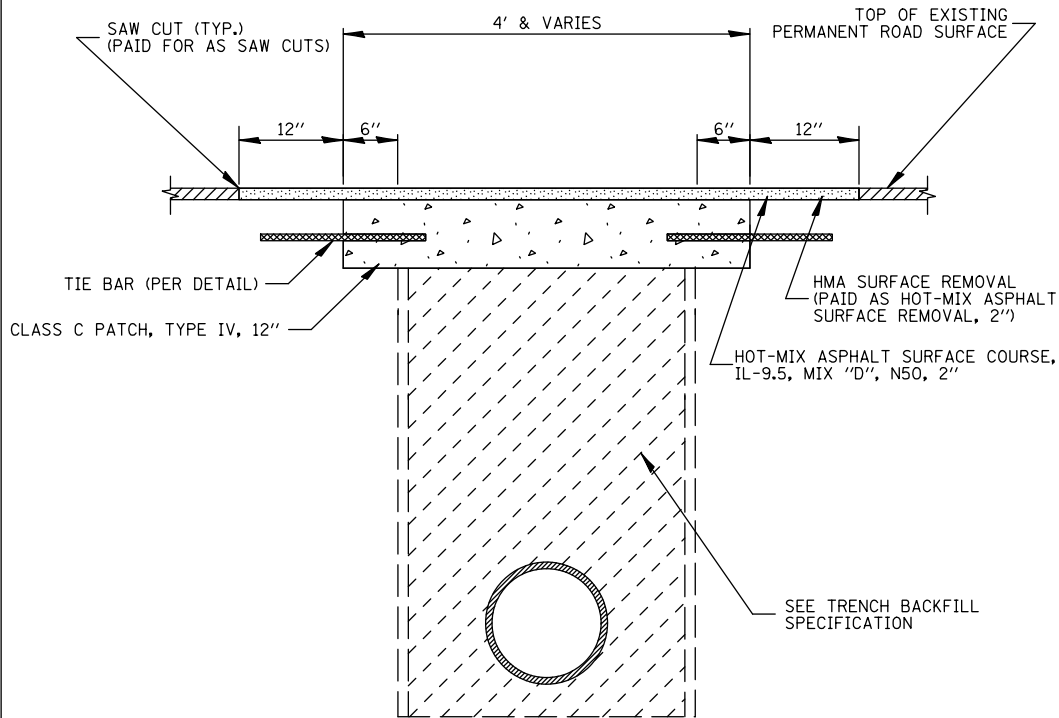


EXTEND PAVEMENT BASE COURSE TO PROVIDE A MINIMUM 6" LAYER OF COMPACTED CA6 UNDER THE CURB.

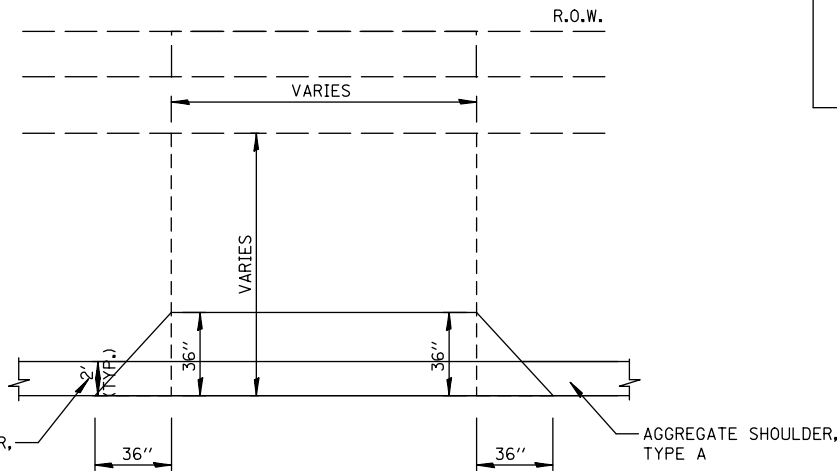
NO. 5 REBARS, 10' LONG CENTERED OVER UTILITY TRENCHES AND 2 NO. 5 DOWEL BARS AT EXPANSION JOINTS EVERY 60'.

SAW CONSTRUCTION JOINTS EVERY 15', 3" DEPTH

B6.12 CURB & GUTTER



CLASS C PATCH DETAIL

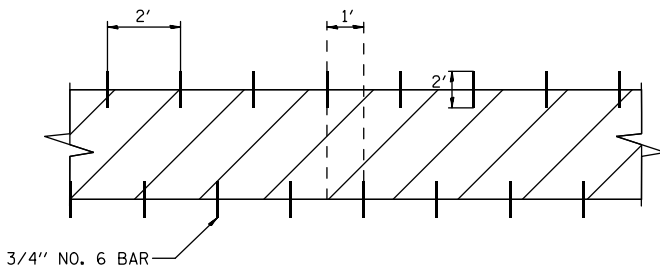


DETAIL OF DRIVEWAY

THIS TYPICAL DRIVE LAYOUT IS FOR BOTH CONCRETE AND ASPHALT DRIVES

P.C.C. DRIVE - 7" P.C.C. DRIVEWAY PAVEMENT

2" AGGREGATE-BASE BASE COURSE, TYPE B

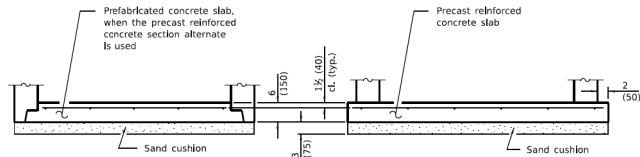
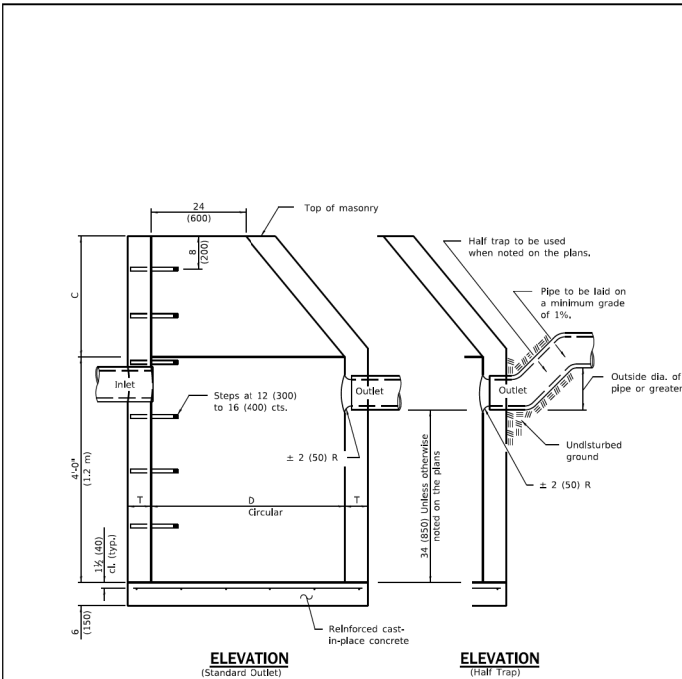


CLASS C PATCH REINFORCEMENT PLAN

FILE NAME = N:\FORESTPARK\0023\BG130\Civil1\DET01.003	USER NAME = rwilliams 3_BG130.sht	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JEH	REVISED -					1462	25-00121-00-RS	COOK	49	39
		PLOT SCALE = 80'	CHECKED - JFA					CONTRACT NO. 61L90				
		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.

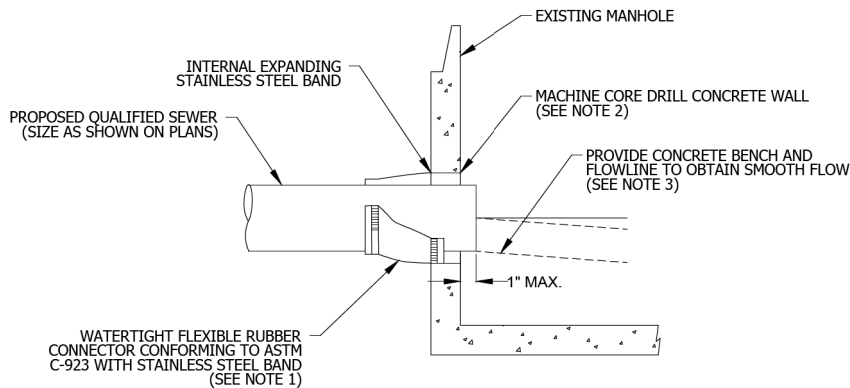
See Standard 602701 for details of steps.

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	Revised general notes.
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

10/02/18

PIPE TO EXISTING MANHOLE CONNECTION DETAIL

STD. DWG. NO. 42

PAGE NO. 43

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	REVISED -
N:\FORESTPARK\0023\BG130\Civil1\DET02.0023.BG130.sht		DRAWN - JEH	REVISED -
	PLOT SCALE = 80'	CHECKED - JFA	REVISED -
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -

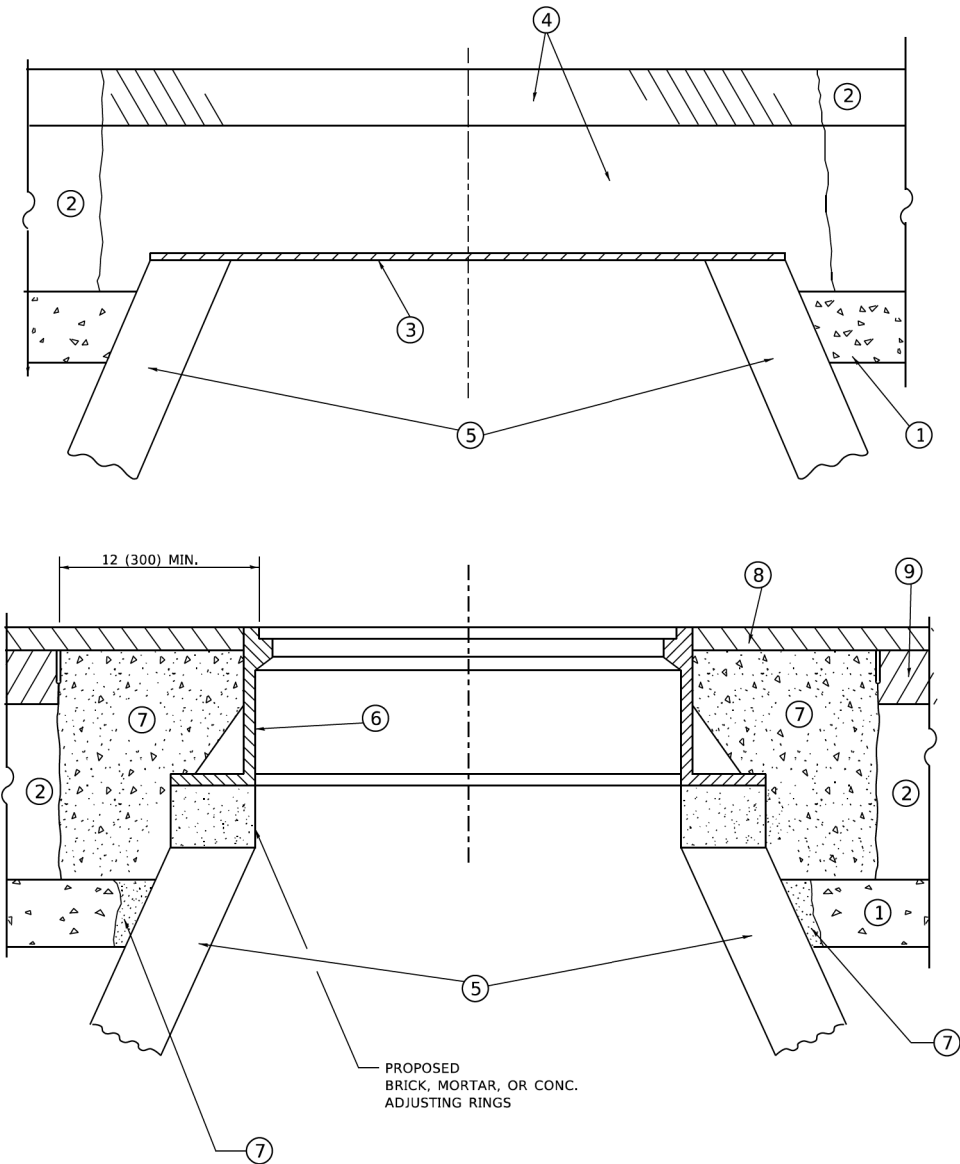
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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				





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:\Jct54\Jct54.dwg  
PLOT DATE = 9/15/2023

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.

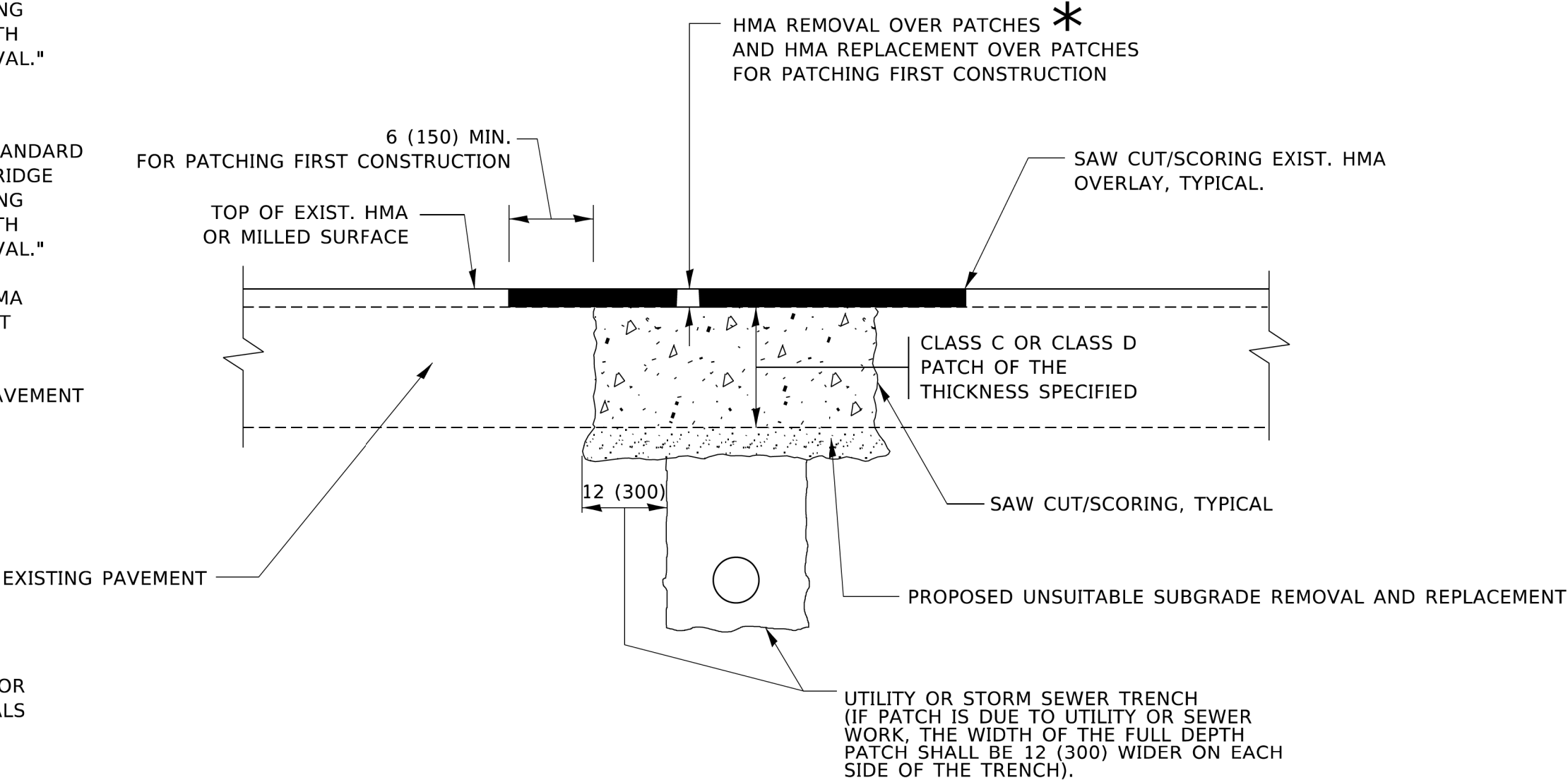
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	25-00121-00-RS	COOK	49	42
BD600-03 (BD-08)		CONTRACT NO. 61L90		
ILLINOIS		FED. AID PROJECT		

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)

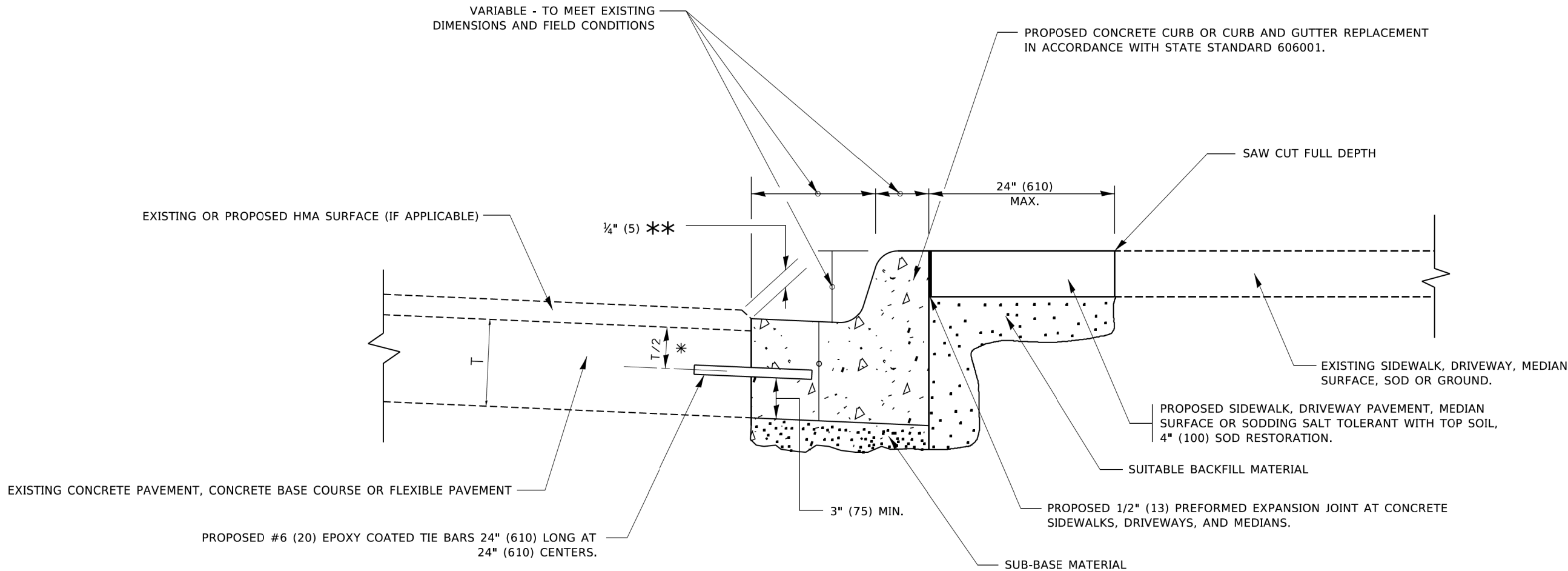
- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: Default  
FILE NAME: 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					1462	25-00121-00-RS	COOK	49	43
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08					BD400-04 (BD-22)		CONTRACT NO. 61L90		
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22					ILLINOIS FED. AID PROJECT				
				SCALE: NONE		SHEET 1 OF 1 SHEETS	STA. TO STA.				

MODEL: Default  
FILE NAME: p:\planning\com.dot.illinois.gov\p\w\DOT\Documents\DOT\_Offices\District 1\Projects\DUHS422\34\CADData\CADsheets\bd24.dgn



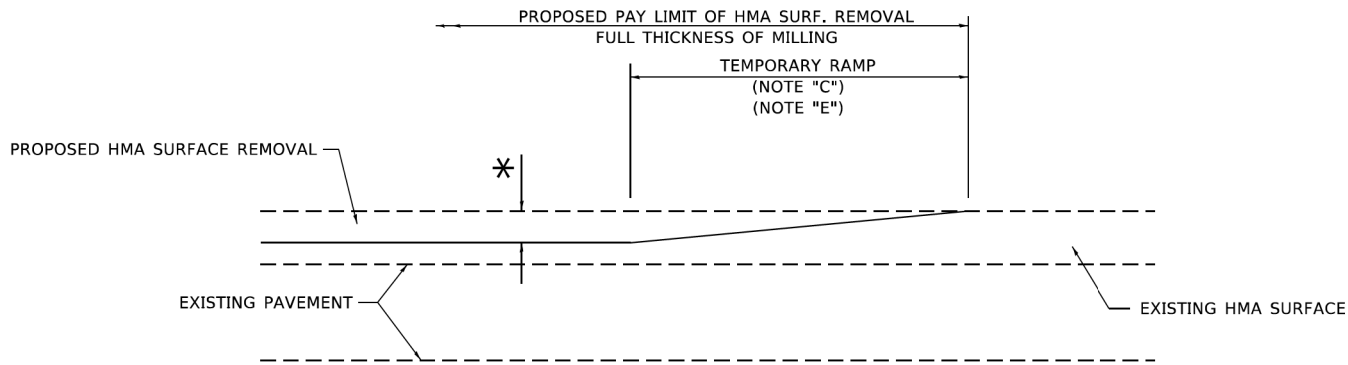
- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

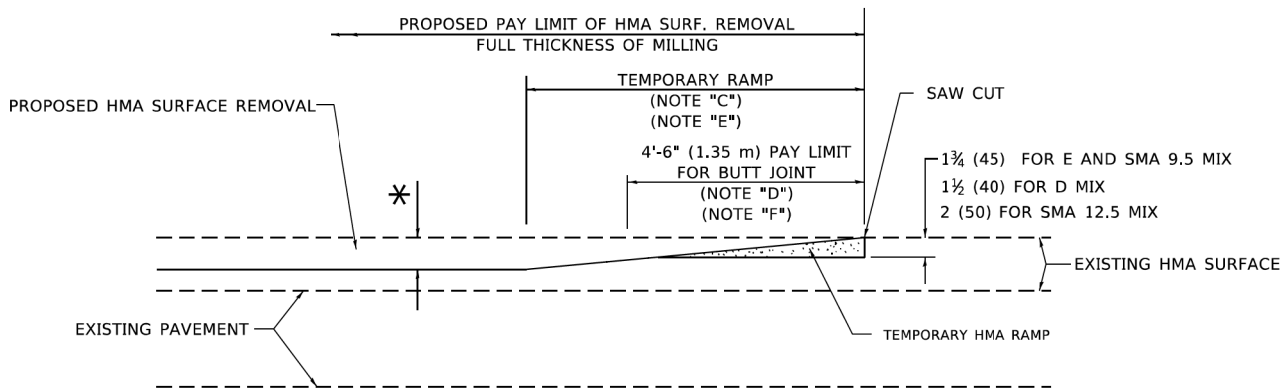
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		DRAWN -	REVISED - M. GOMEZ 01-22-01						1462	25-00121-00-RS	COOK	49	44
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09		BD600-06 (BD-24)			CONTRACT NO. 61L90					
	PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.				
					ILLINOIS FED. AID PROJECT								





**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

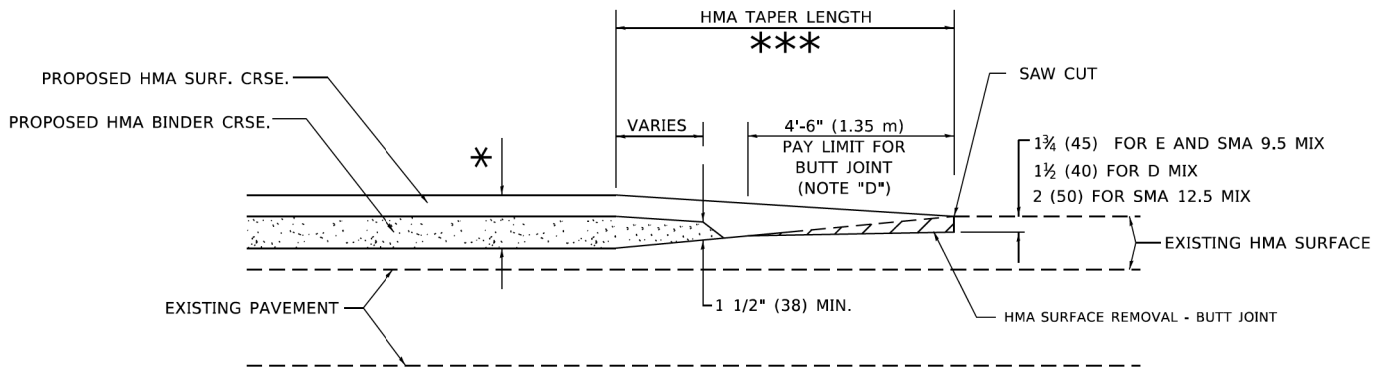
**OPTION 1**



**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

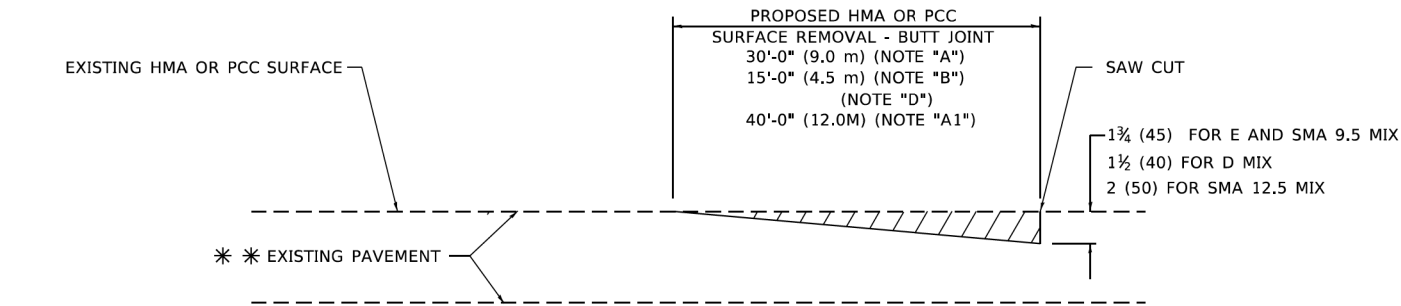
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

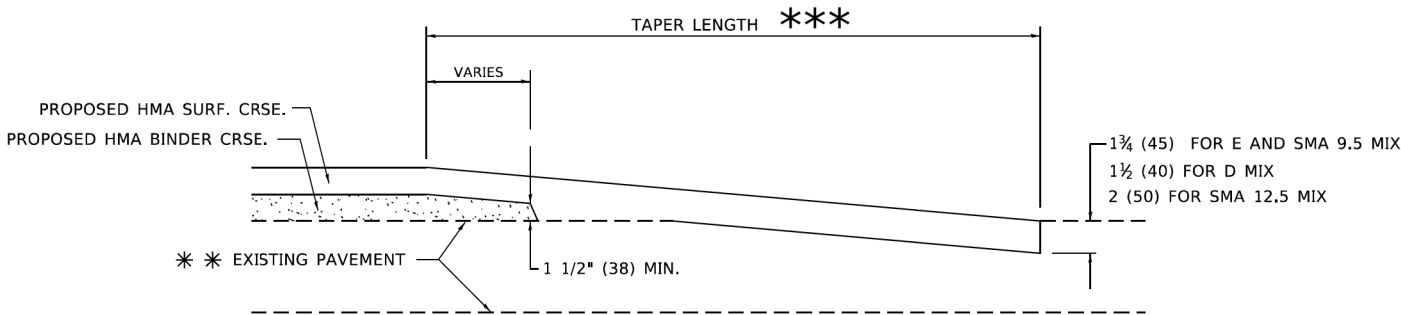


**BUTT JOINT AND  
HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**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.

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bentley.com#WIDOT\Documents\DOT Offices\District 1\Projects\Dist1\42123\ACADD\3a\CAD\Sheets\bd32.dgn

USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

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	45
BD400-05 BD-32		CONTRACT NO. 61L90		
		ILLINOIS FED. AID PROJECT		

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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

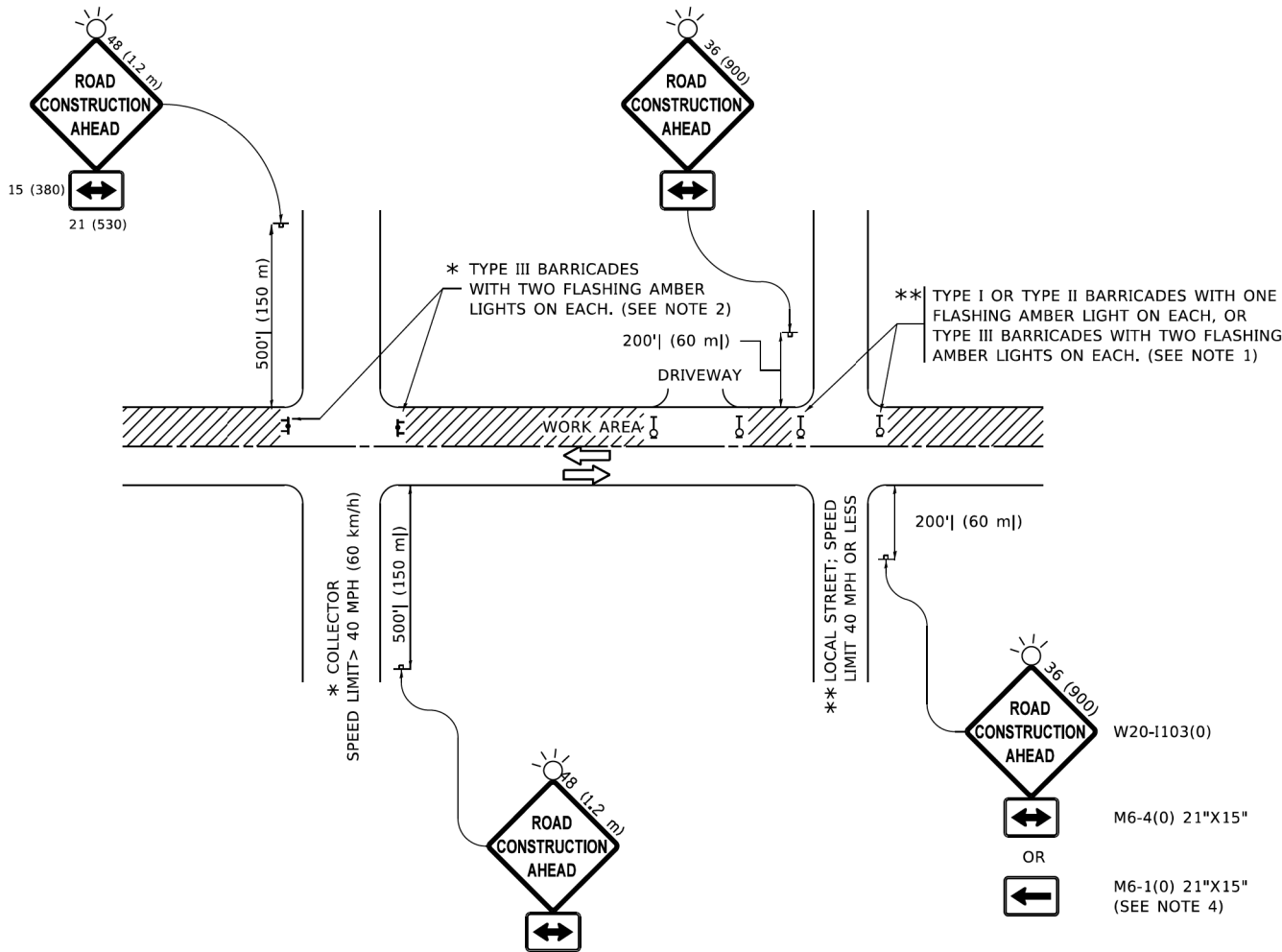
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

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

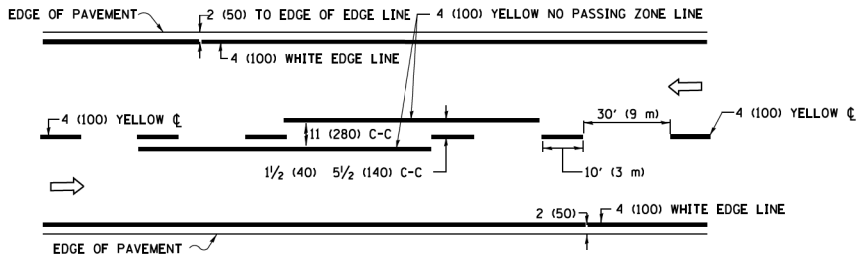
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO. 61L90		
		ILLINOIS	FED. AID PROJECT	



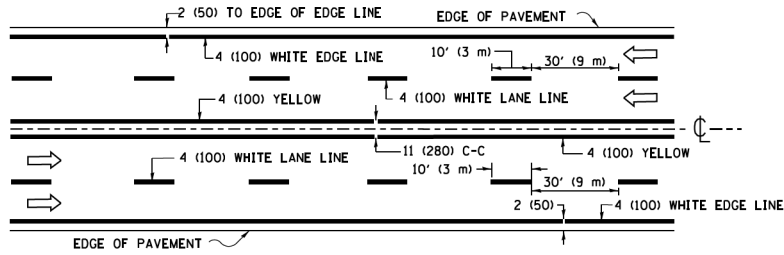
NOTES:

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

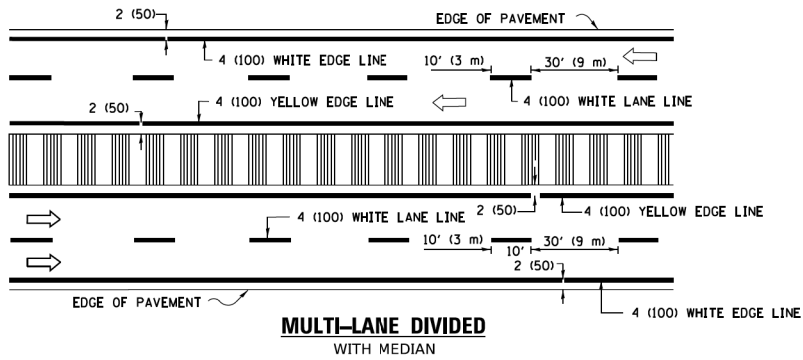
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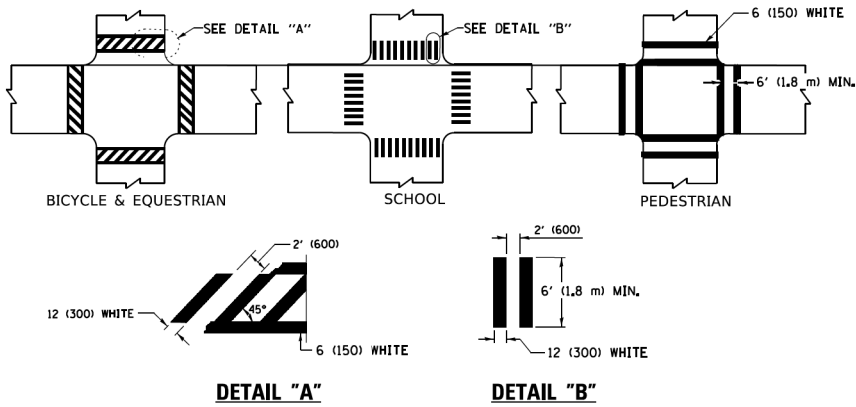
### 2-LANE ROADWAY



### MULTI-LANE UNDIVIDED

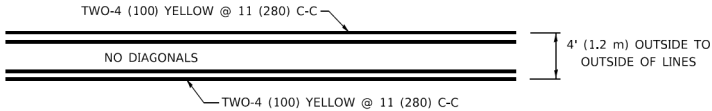


### TYPICAL LANE AND EDGE LINE MARKING

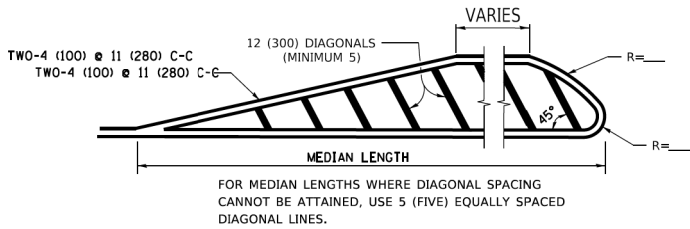


### TYPICAL CROSSWALK MARKING

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

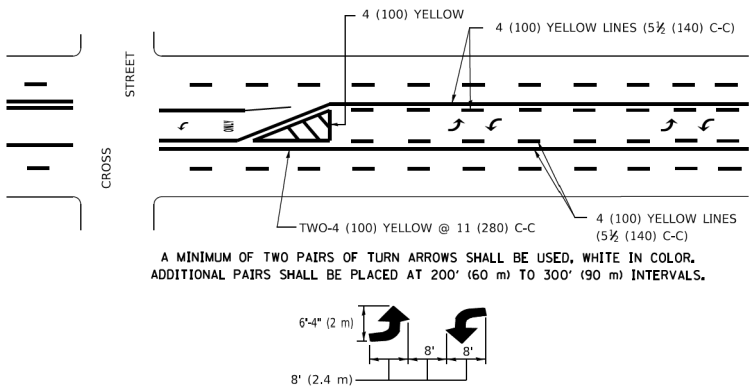


### 4' (1.2 m) WIDE MEDIANS ONLY



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))

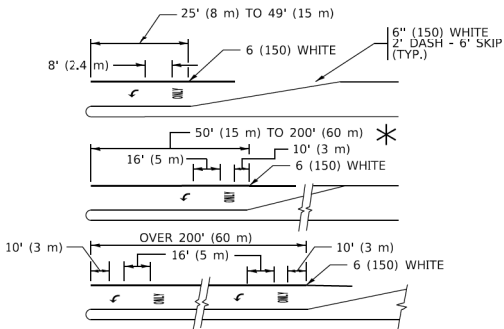
### MEDIANS OVER 4' (1.2 m) WIDE



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

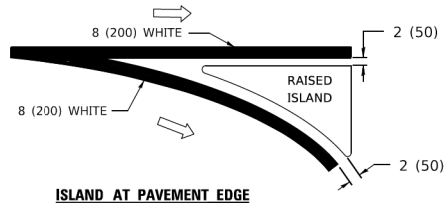
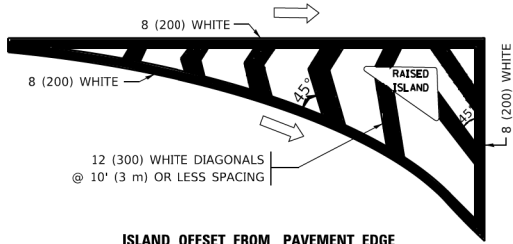


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

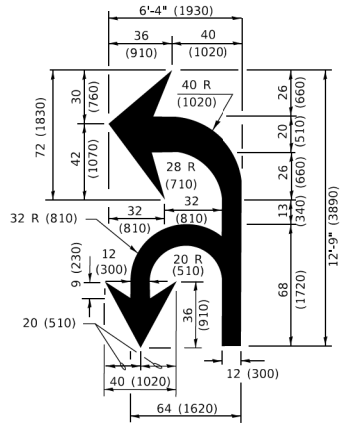
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

### TYPICAL LEFT (OR RIGHT) TURN LANE

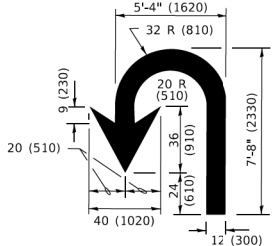
### TYPICAL TURN LANE MARKING



### 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 <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

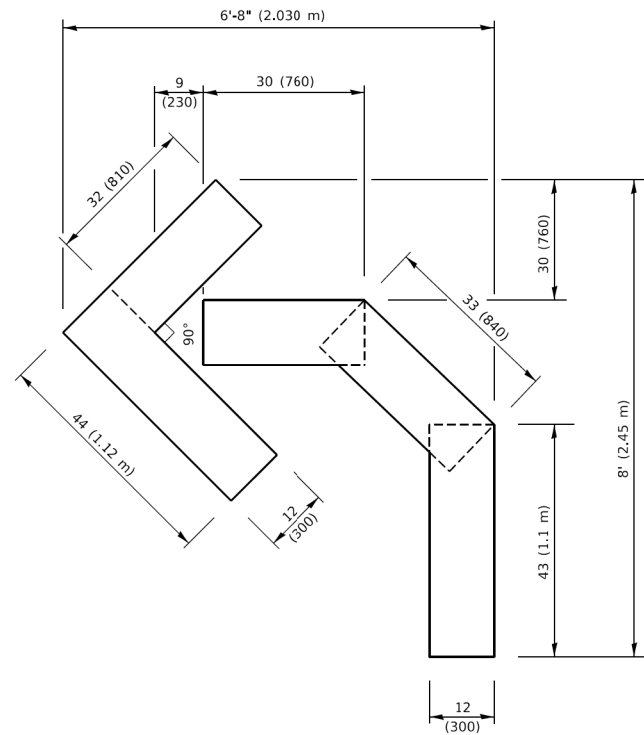
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	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

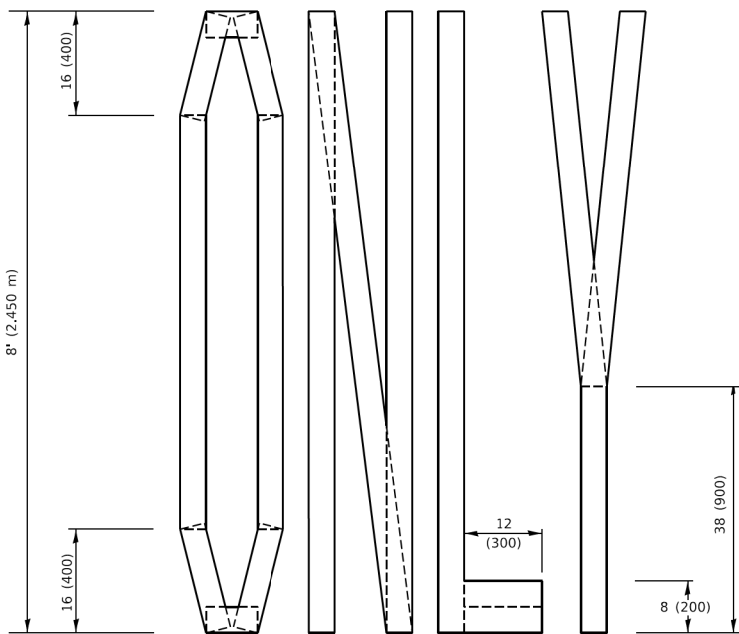
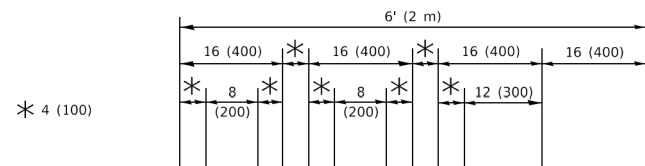
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

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		



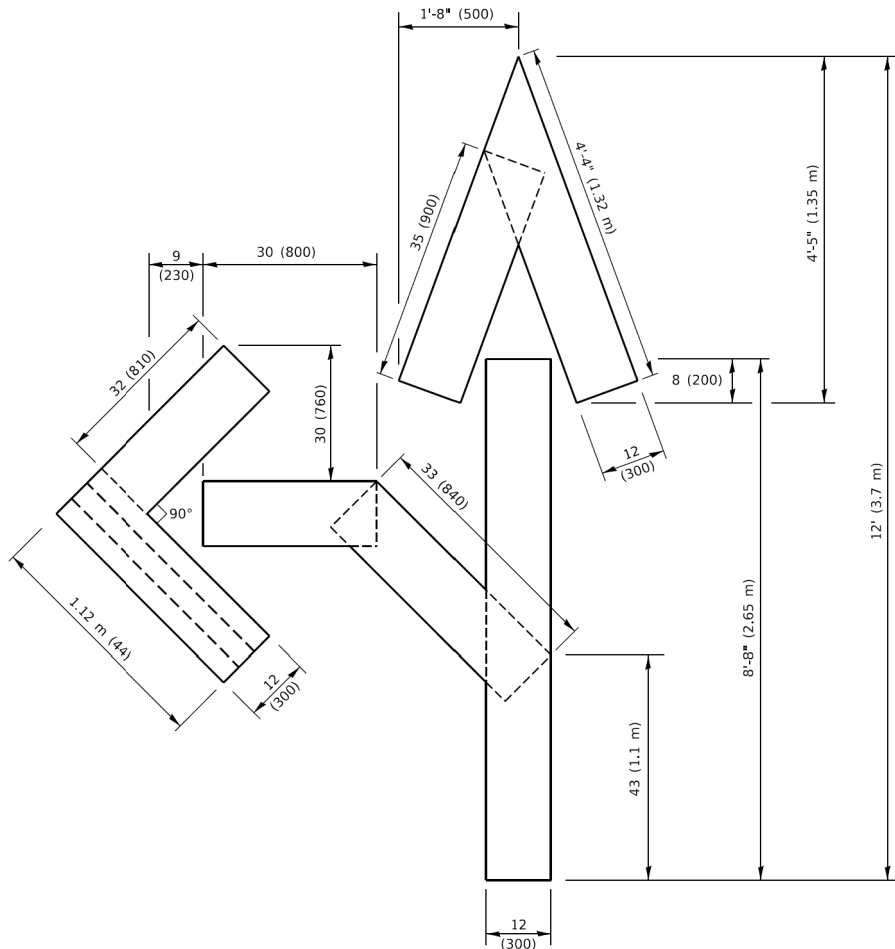
**QUANTITY**

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)

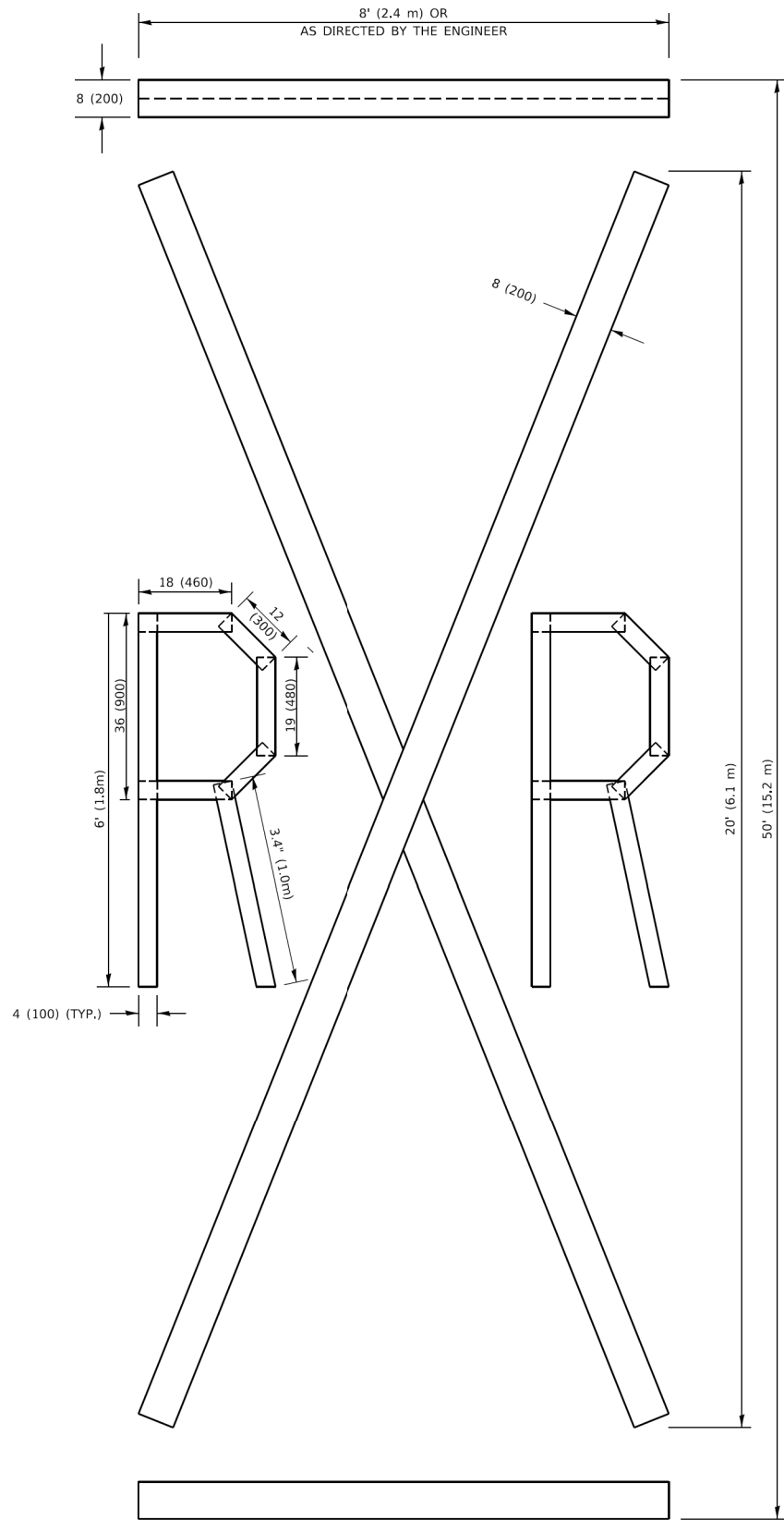


**QUANTITY**

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		

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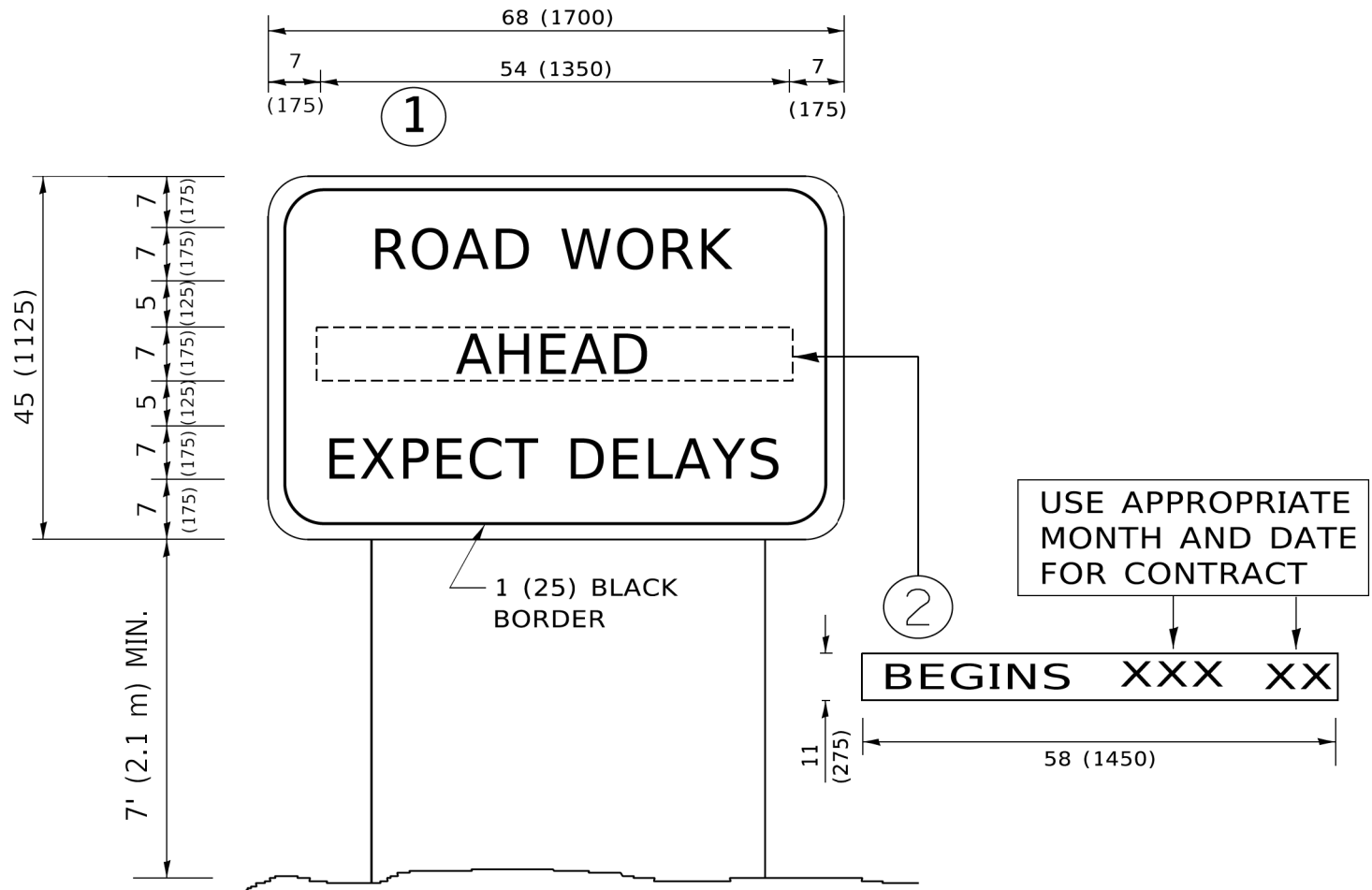
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	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

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.
1462	25-00121-00-RS	C00K	49	49
TC-22		CONTRACT NO. 61L90		
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.