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 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)



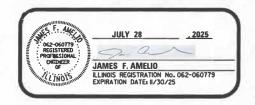
SECTION

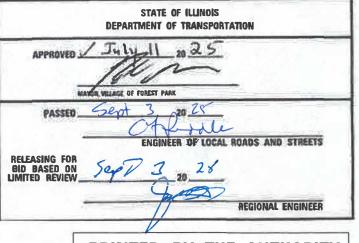
1462

FED. ROAD DIST. NO.

COUNTY 25-00121-00-RS COOK 49 1

ILLINOIS CONTRACT NO. 61L90





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



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.

ENGINEER:

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION B-1-1 OR 1-800-892-0123



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

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

CONTRACT NO. 61L90

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4	MWRD SEWER ROUTING EXHIBIT
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14	TYPICAL SECTIONS
15–17	EXISTING CONDITIONS
18–20	REMOVAL PLAN
21–23	PROPOSED RESURFACING PLAN
24–26	PAVEMENT MARKING PLAN
27–32	PROPOSED WATERMAIN PLAN & PROFILE
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48	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
49	ARTERIAL ROAD INFORMATION SIGN (TC-22)

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

URBAN LANE CLOSURE, MULTILANE INTERSECTION

METAL POSTS FOR SIGNS MARKERS AND DELINEATORS

APPLICATIONS OF TYPE A AND B METAL POSTS

FRAMES AND LIDS ADJUSTMENT WITH MILLING

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

ARTERIAL ROAD INFORMATION SIGN

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

URBAN LANE CLOSURE, 2L, 2W, - UNDIVIDED

SIDEWALK, CORNER, OR CROSSWALK CLOSURE

SIGN PANEL MOUNTING DETAILS

SIGN PANEL ERECTION DETAILS

TYPICAL PAVEMENT MARKINGS

TELESCOPING STEEL SIGN SUPPORT

LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY

HIGHWAY STANDARDS

701006-05

701301-04

701311-03

701501-06

701701-10

701801-06

720001-01

720006-04

720011-01

728001-01

729001-01

780001-05

BD-08

BD-22

BD-24

BD-32

TC-10

TC-13

TC-16

TC-22

DISTRICT ONE DETAILS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS	,	ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	10	SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022;
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS		THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2025: THE LATEST EDITIONS OF THE "ILLINOIS MANUAL
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS		ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD)AND
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS		"THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS": THE "DETAILS" IN THE PLANS: AND THE "SPECIAL PROVISIONS"
424021-07	DEPRESSED CORNER FOR SIDEWALKS		INCLUDED IN THE CONTRACT DOCUMENTS.
602001-02	CATCH BASIN TYPE A	2.	ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHAI
604001-05	FRAMES AND LIDS TYPE 1		BE INTERPRETED AS THE LATEST IDOT STANDARD.

- OR SPECIAL PROVISIONS SHALL
- 3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE

GENERAL NOTES

- 1. THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
- THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. HOWEVER, THE VILLAGE OF FOREST PARK DOES NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE INFORMATION REGARDING UTILITIES. EITHER PUBLIC OR PRIVATE ACCURACY OF THE INFORMATION REGARDING UTILITIES, EITHER PUBLIC OF PRIVATE SUCH AS SEWERS, GAS AND WATER MAINS, TELEPHONE AND ELECTRICAL DUIT LINES, MANHOLES, CATCH BASINS, AND SIMILAR STRUCTURES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES THAT MAY INTERFERE WITH CONSTRUCTION OPERATIONS AND REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, THE VILLAGE AND THE UTILITY OWNER. THIS WORK SHALL BE SOLELY AT THE CONTRACTORS EXPENSE.
- COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
- 6. BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 8-1-1
 (OR 800-892-0123) FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND
 GAS FACILITIES AND THE VILLAGE OF FOREST PARK PUBLIC WORKS DEPT. FOR FIELD
 LOCATIONS OF BURIED WATER AND STORM FACILITIES (2 WORKING DAY ADVANCE

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR

COORDINATION

THE ENGINEER SHALL CONTACT FADI SULTAN, THE AREA TRAFFIC FIELD ENGINEER AT FADI.SULTANCILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF

TRAFFIC CONTROL AND PROTECTION

- 1. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGA. THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING.
- 2. DURING EACH DAY OF PAVEMENT MARKING, THE CONTRACTOR SHALL CONSTRUCT THE PROJECT IN THE DIRECTION OF TRAVEL AND END AT A SIDE-STREET. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE EASTBOUND LANES STARTING AT DES PLAINES AVENUE. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE WESTBOUND LANES STARTING AT HARLEM AVENUE, CONTRACTOR SHALL MAINTAIN. AT ALL TIMES, AT LEAST ONE LANE IN EACH DIRECTION OF PERMITTED TRAVEL LANES, PAVEMENT MARKINGS SHALL BE INSTALLED AHEAD OF ALL SIGNAGE.
- 3. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL DUNFLITION, ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AND TO THE SATISFACTION OF THE ENGINEER.
- 4. ALL CONSTRUCTION PERSONNEL SHALL WEAR A FLUORESCENT LIME GREEN VEST AND ANY STATE REQUIRED SAFETY GEAR AT ALL TIMES WHILE ON THE CONSTRUCTION SITE.
- 5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.

- FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 2 WORKING DAYS NOTICE. THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS.
- THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE PUBLIC WORKS DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.
- TOP OF WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE UTILITIES SUPERINTENDENT.
- CHANGES IN DIRECTION OF WATER MAIN SHALL BE INSTALLED WITH APPROVED RETAINER FITTINGS AND THRUST BLOCKING.
- WATER MAIN SHALL NOT BE SLEEVED OR ENCASED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE UTILITIES SUPERINTENDENT.
- PRESSURE TESTING OF WATER MAIN SHALL INCLUDE HYDRANTS BY PRESSURE TESTING AGAINST INTERNAL VALVE OF HYDRANT.
- ALL EXISTING BUFFALO BOXES LOCATED IN PROPOSED SIDEWALKS SHALL BE RELOCATED OR ADJUSTED AS DIRECTED BY THE ENGINEER.

- 1. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS
- RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". SPECIALTY SIGNAGE WILL BE ERECTED BY THE VILLAGE AND PROTECTED AND MAINTAINED BY THE CONTRACTOR.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- POLLUTION CONTROL: THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE REGULATIONS RECARDING AIR, WATER AND NOISE POLLUTION. CONSTRUCTION OPERATIONS SHALL BE CONFINED TO THE PERIOD BEGINNING AT 7:00 A.M. AND ENDING AT 6:00 P.M. WEEKDAYS,8:00A.M. TO 4:00P.M. SATURDAY, AND NO WORK SHALL BE PERFORMED ON SUNDAYS OR HOLIDAYS, PER VILLAGE ORDINANCE 10-3-7.
- THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IS TO COMPARE THE SITE CONDITIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS TO INSURE TRAFFIC MAINTENANCE, SURFACE DRAINAGE, ETC. THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD IN ACCORDANCE WITH THE REQUIREMENTS OF THE VILLAGE OF
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR
- 8. NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.
- DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN
- THE CONTRACTOR IS ADVISED THAT MUD AND DEBRIS MUST NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT SHALL BE CLEANED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT OR HE WILL BACK CHARGED AT THE RATE OF \$500.00 PER INCIDENT PLUS THE COST OF THE VILLAGE'S FORCES TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO CORRECT DAMAGE AT HIS OWN EXPENSE THE GRADING AND CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER.
- 12. ALL GRASSED AREAS DISTURBED DURING THE CONSTRUCTION OPERATIONS SHALL BE SODDED IN ACCORDANCE WITH SECTIONS 250 AND 252 OF THE STANDARD
- 13. DETECTABLE WARNINGS MEETING ADA REQUIREMENTS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AS DIRECTED BY THE ENGINEER (SEE IDOT STD. 424001-05 INCLIDED IN THE PLANS). CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING DETECTABLE WARNINGS.
- 14. MATERIALS AND EQUIPMENT SHALL NOT BE STORED WITHIN THE PROJECT LIMITS.
- d. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED. 15.

- 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
- ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
- 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.

49

NO. 61L90

6. ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

FILE NAME =	USER NAME = Jhouseh	DESIGNED	-	JEH	REVISED	-	
N:\FORESTPARK\ØØ23\BG13Ø\C:v:1\NOT_ØØ23	BG13 0. sht	DRAWN	-	JEH	REVISED	-	
	PLOT SCALE = 113'	CHECKED	-	JFA	REVISED	-	
Default	PLOT DATE = 11/13/2025	DATE	-	11/13/2025	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

						RTE.	SECTION	COUNTY	SH
GENEF	KAL NOI	ES AN	ND HIGH	WAY	STANDARDS	1462	25-00121-00-RS	COOK	
								CONTRACT	
SCALE: N.T.S.	SHEET	0F	SHEETS	STA.	TO STA.		TILITNOTS FED AT	D PROJECT	_

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;
- EDITION (SSWE) FOR SAMELARY SEWER AND WATER WATER CONSTRUCTIONS

 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).
- 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

- 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
- 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.
- 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
- 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.

SANITARY SEWER

- 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
- 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
- 4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- 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	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6" TO 15" DIAMETER SDR 26 18" TO 27" DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4" TO 36" 4" TO 12"	ASTM D-2241 AWWA C900	ASTM D-3139 ASTM D-3139
14" TO 48"	AWWA C905	ASTM D-3139

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	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12" TO 24" DOUBLE WALL	ASTM F-2736	D-3212,F-477
30" TO 60" TRIPLE WALL	ASTM F-2764	D3212,F-477

- 8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL 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
- 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"
- 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:

 d) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBBY'E SADDLE OR HUB-TEE SADDLE.

 b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE

 - WITH A WYE 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
- 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
- 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 EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/VUNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWER 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
- 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

- 1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- 2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC
- 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
- 5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 d) 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
- 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
- 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
- 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 CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERWAINS 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.

COUNTY

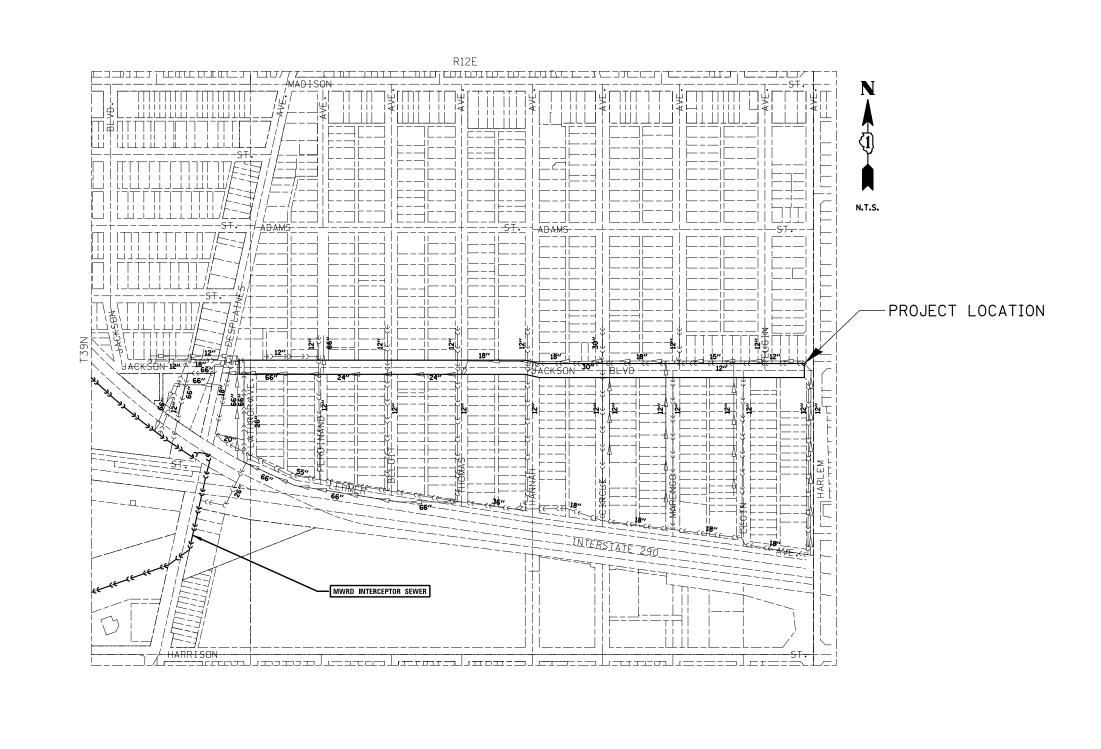
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- 22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- 23. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

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CONTRACT

CONTRACT NO. 61L90

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25-00121-00-RS

1462

TO STA.

MWRD SEWER ROUTING EXHIBIT

OF SHEETS STA.

SCALE: N.T.S.

SHEET

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		

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N:\FORESTPARK\8823\86138\C:v1\S0081_88	38G13B.sht	ORAWN - JEH	REVISEO -	STATE OF ILLINOIS	OF	1462 25-00121-00-RS	COOK 49
	PLOT SCALE = 88'	CHECKED - JFA	REVISED -	DEPARTMENT OF TRANSPORTATION	QUANTITIES		CONTRACT NO. 61L
Osfault	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED ~		SCALE: N.T.S. SHEET 1 OF 9 SHEETS STA. TO STA.	ILLINOIS FED. A'	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)
	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	SQYD	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	SQYD	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	SQYD	117		
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	16		

FILE NAME =	USER NAME = rwilliams	DESIGNED - JEH	RÉVISED -		SUMMARY	F.A.U. SECTION COUNTY SHEETS NO.
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	PLOT SCALE = 88'	CHECKED ~ JFA	REVISED ~	DEPARTMENT OF TRANSPORTATION	QUANTITIES	CONTRACT NO. 61L90
Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: N.T.S. SHEET 2 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)
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1,785		
	44242200	SAW CUTS	FOOT	80 .		
	44213200	SAW CU15	1001			111111111111111111111111111111111111111
	44213204	TIE BARS 3/4" .	EACH	80		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	600		
	55100200	STORM SEWER REMOVAL 8"	FOOT			45
	33100300	STORW SEVER REMOVAL 0	1001			
	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
						15
*	56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH			13
*	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
-	00100100	DOOTEE WOR WALLS WANT O				
*	56105000	WATER VALVES 8"	EACH			24
*	56109408	DUCTILE IRON WATER MAIN FITTINGS 8" 22.50 DEGREE BEND	EACH			1

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Default	PLOT DATE = 9/9/2025	DATE - 9/9/2025	REVISED -		SCALE: N.T.S. SHEET 3 OF 9 SHEETS STA. TO STA.	JULINOIS 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)
*	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	CUYD	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		

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1	PLOT SCALE ≈ 80°	CHECKED ~	JFA	REVISED -	DEPARTMENT OF TRANSPORTATION	QUANTITIES		CONTRACT	L NO. 61760
Default	PLOT DATE = 9/12/2025	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	SQFT	365		
*	72000100	SIGN PANEL - TYPE 1	SQFT	167		
*	72000200	SIGN PANEL - TYPE 2	SQFT	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	SQFT	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		

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N	\F0RESTPARK\0323\BG130\Civil\S0025_00	386136.sht	DRAWN - JEH	REVISED -	STATE OF ILLINOIS	OF	1462 25-00121-00-RS	COOK 49 9
		PLOT SCALE = 80'	CHECKED - JFA	REVISEO -	DEPARTMENT OF TRANSPORTATION	QUANTITIES		CONTRACT NO. 61L90
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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	LSUM	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	SQYD	545		

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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)	CUYD	5,350		
*	X2600020	DELINEATOR SYSTEM	EACH	14		
	X4406816	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2"	SQYD	50		
	X4420486	CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL)	SQYD	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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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	SQFT	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
	20056606	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		

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٦	SUMMARY						SECTION	COUNTY	TOTAL	TOTAL SHEETS		
ı	OF QUANTITIES					1462	25-00121-00-R5	COOK				
l								CONTRAC	T NO.	6		
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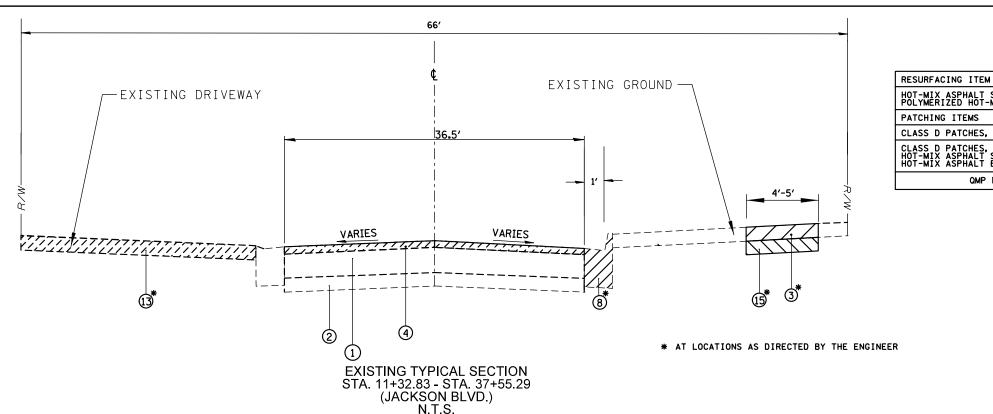
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	Z0076600	TRAINEES	HOUR		500	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR		500	
*	XX009735	PIPE (SPECIAL), 12"	FOOT			290
*	XX009736	PIPE (SPECIAL), 15"	FOOT			45
*	XX009737	PIPE (SPECIAL), 18"	FOOT			30
*	XX009738	PIPE (SPECIAL), 24"	FOOT			220
*	XX009739	PIPE (SPECIAL), 30"	FOOT			20
*	XX009740	PIPE (SPECIAL), 42"	FOOT			14

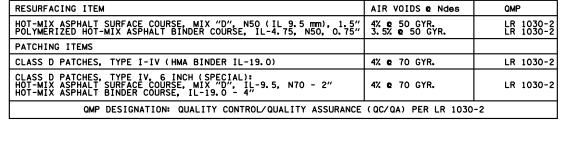
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STATE	: OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

				SUI	MMAR	Y		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET	SHEET NO.	
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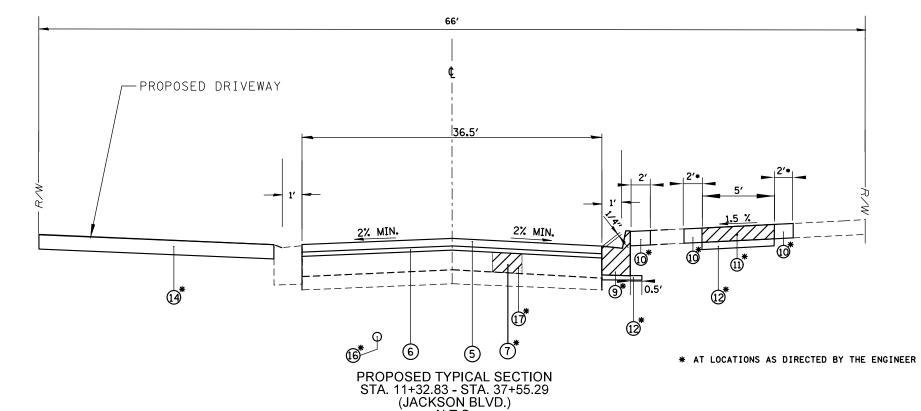


MIXTURE REQUIREMENT NOTES:

 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SYY/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:

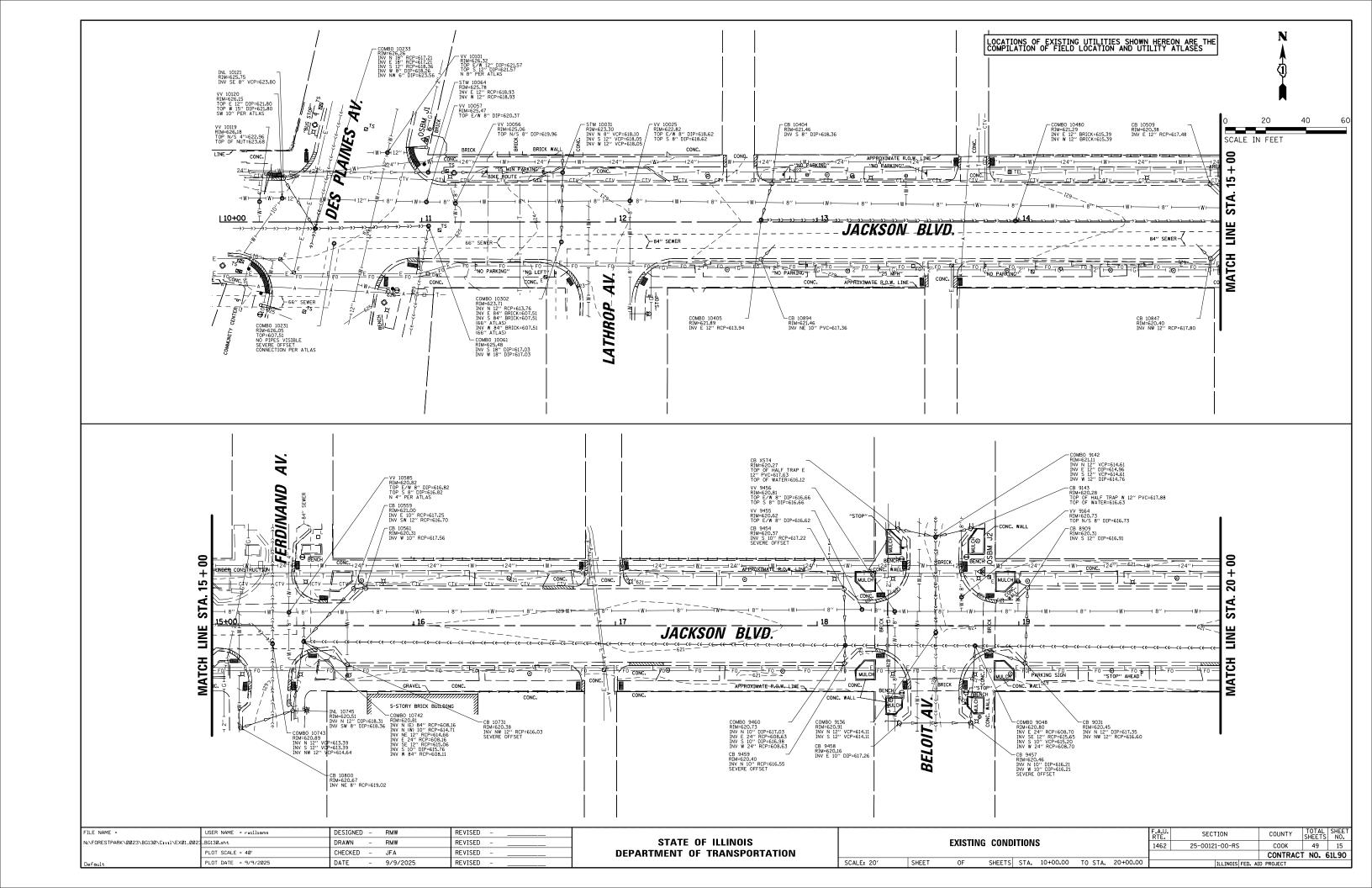
- 1. PAYING OF THE FULL ROADWAY WIDTH SHALL BE COMPLETED AT THE END OF EACH DAY OF PAYING TO PREVENT A LONGITUDINAL COLD JOINT FROM APPEARING WHEN OPPOSITE SIDES OF THE ROAD ARE PAVED ON DIFFERENT DAYS. THE CONTRACTOR SHALL ALSO ENSURE THAT AT THE END OF EACH DAY EACH PASS ENDS AT APPROXIMATELY THE SAME STATION TO PREVENT A COLD JOINT.
- 2. PAVEMENT PATCHING SHALL BE DONE AFTER ROADWAY MILLING AS PER BD-22 DETAIL.

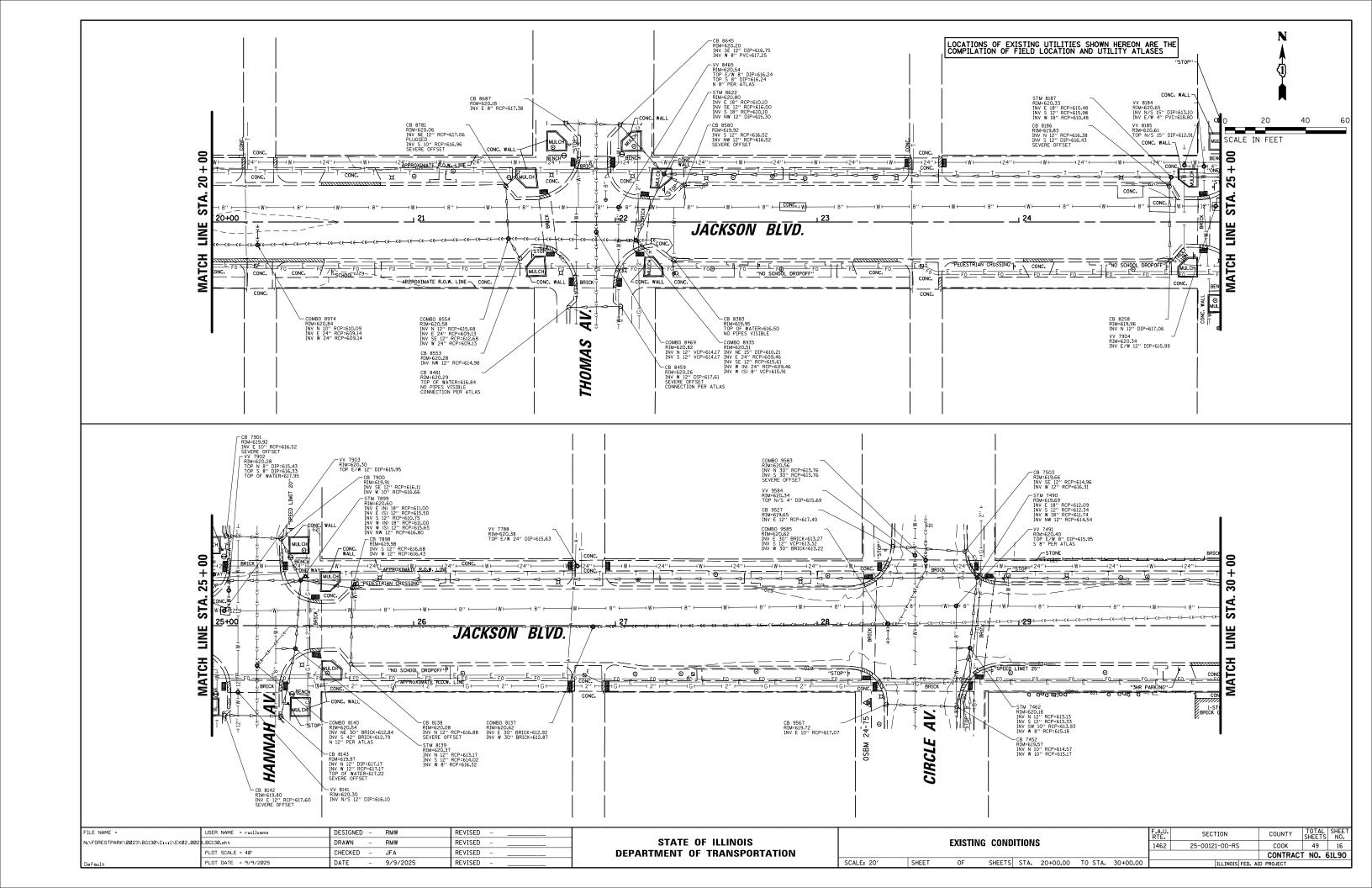


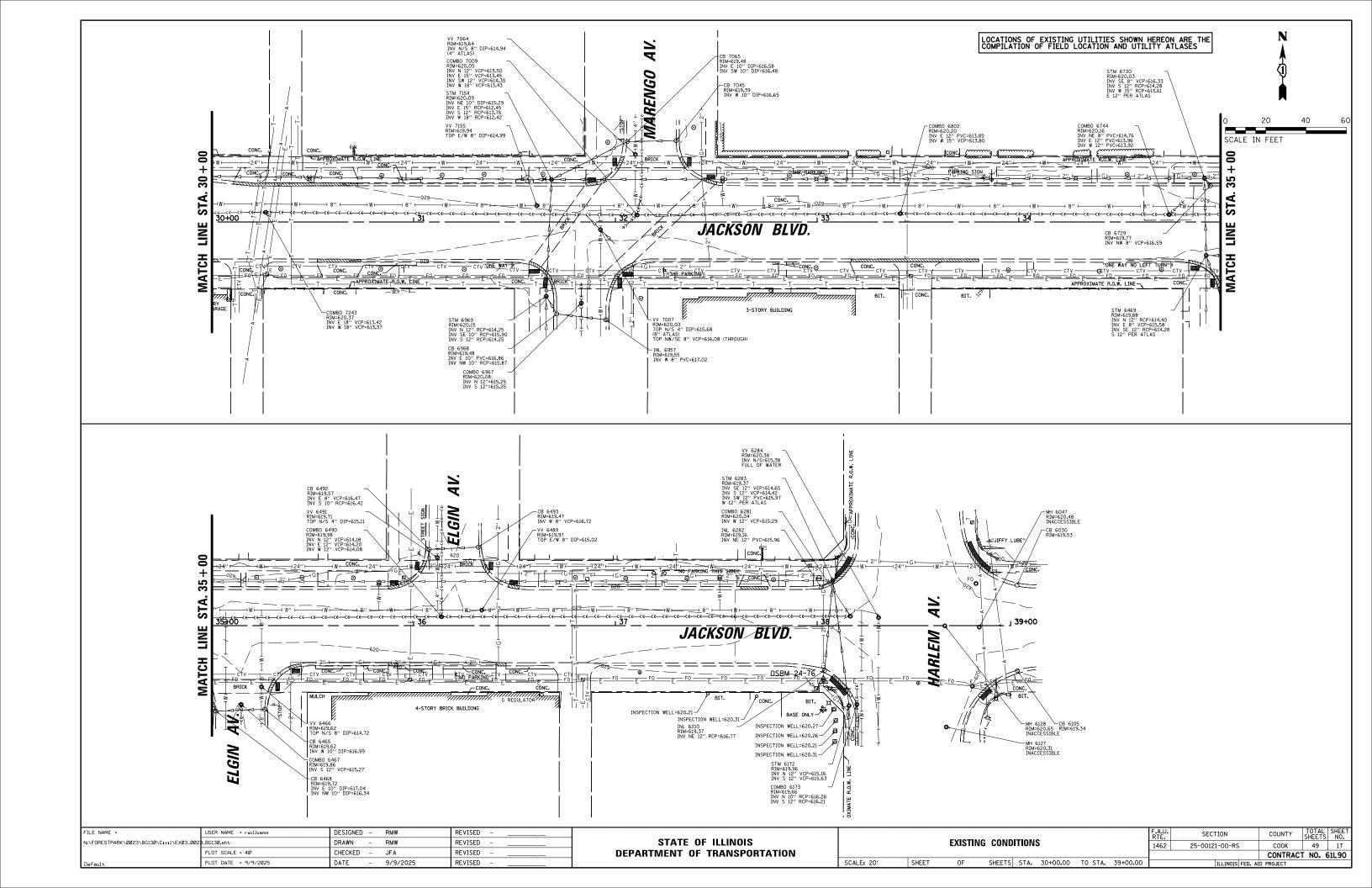
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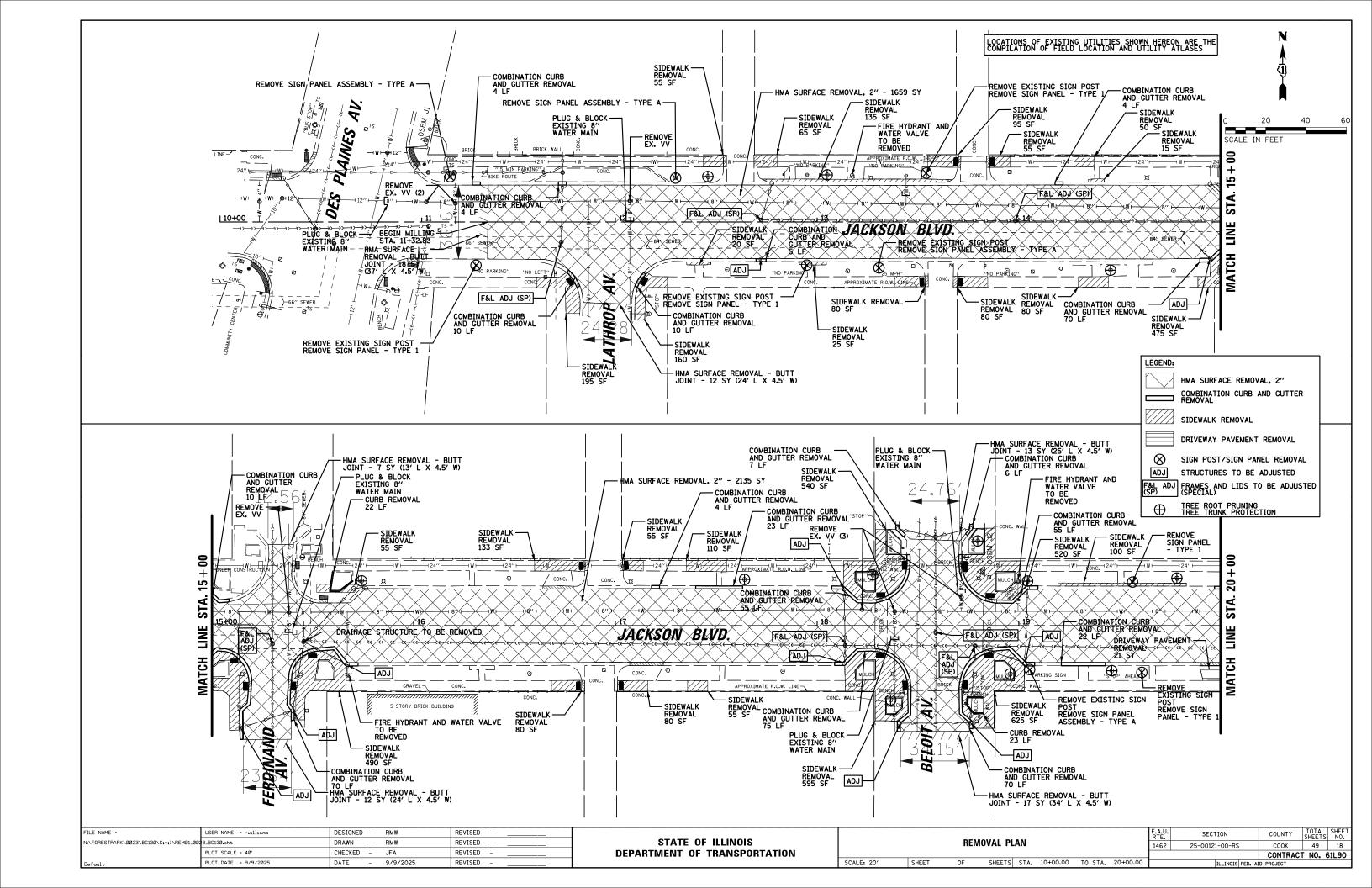
- (1) EXISTING HOT-MIX ASPHALT PAVEMENT (2.5"-8.5")
- 2) EXISTING AGGREGATE SUBBASE
- 3 EXISTING PCC SIDEWALK/SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1.5"
- 6 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 0.75"
- CLASS 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
- (1) PCC SIDEWALK 5 INCH (AS DETERMINED BY ENGINEER IN FIELD)
- 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
- (6) DUCTILE IRON WATER MAIN 8"
- CLASS D PATCHES, TYPE IV, 6 INCH/CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL)

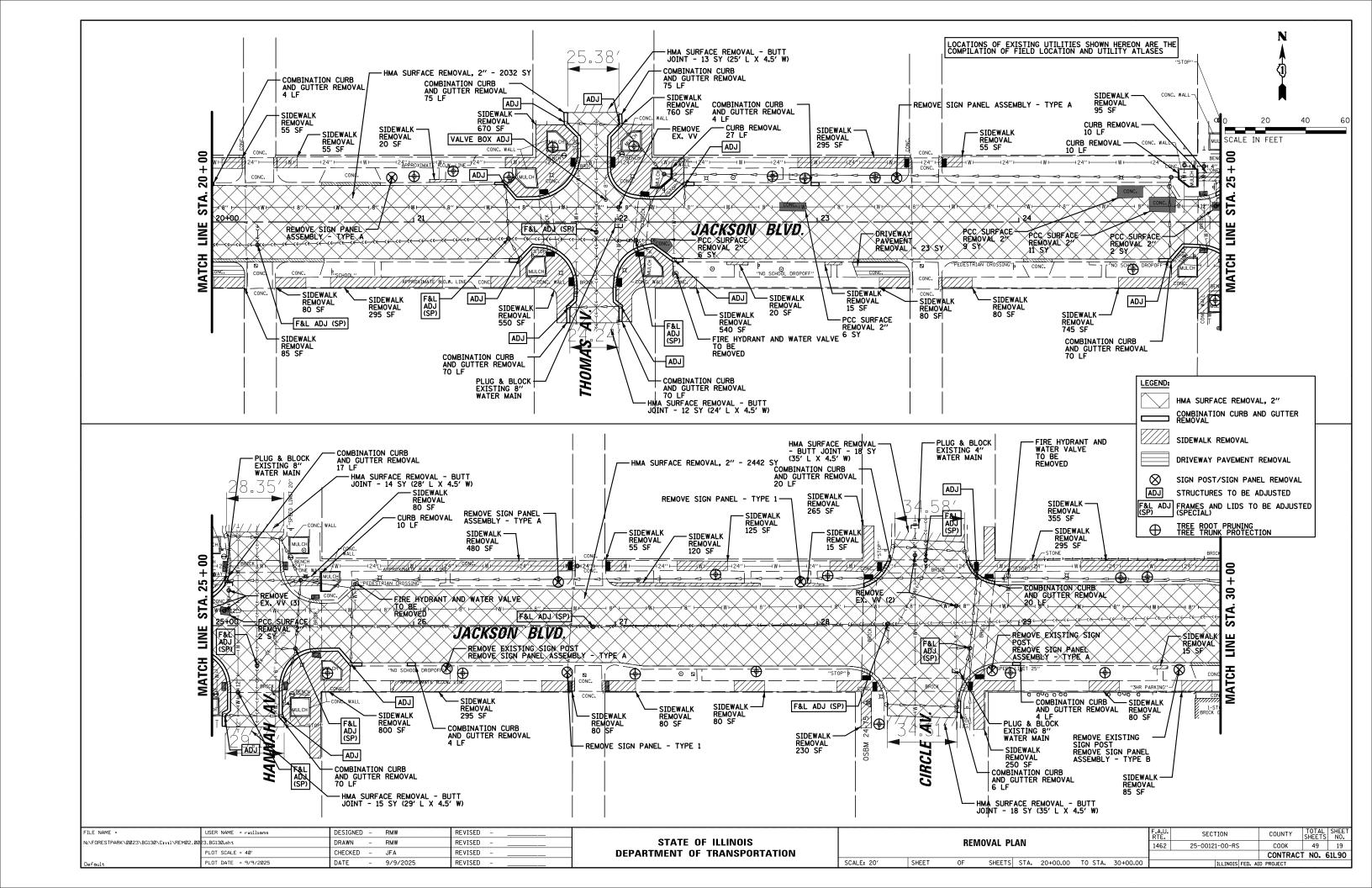
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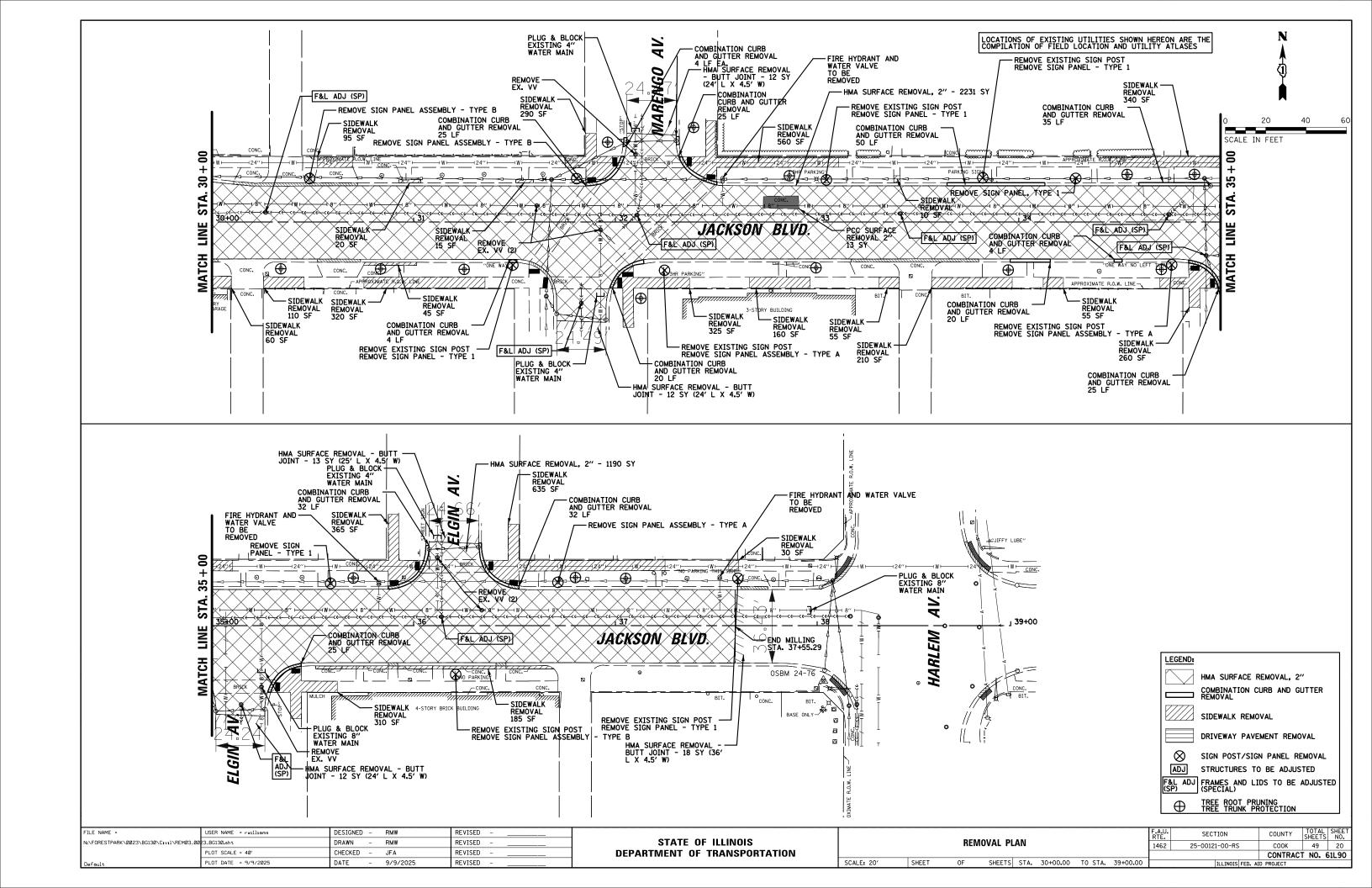


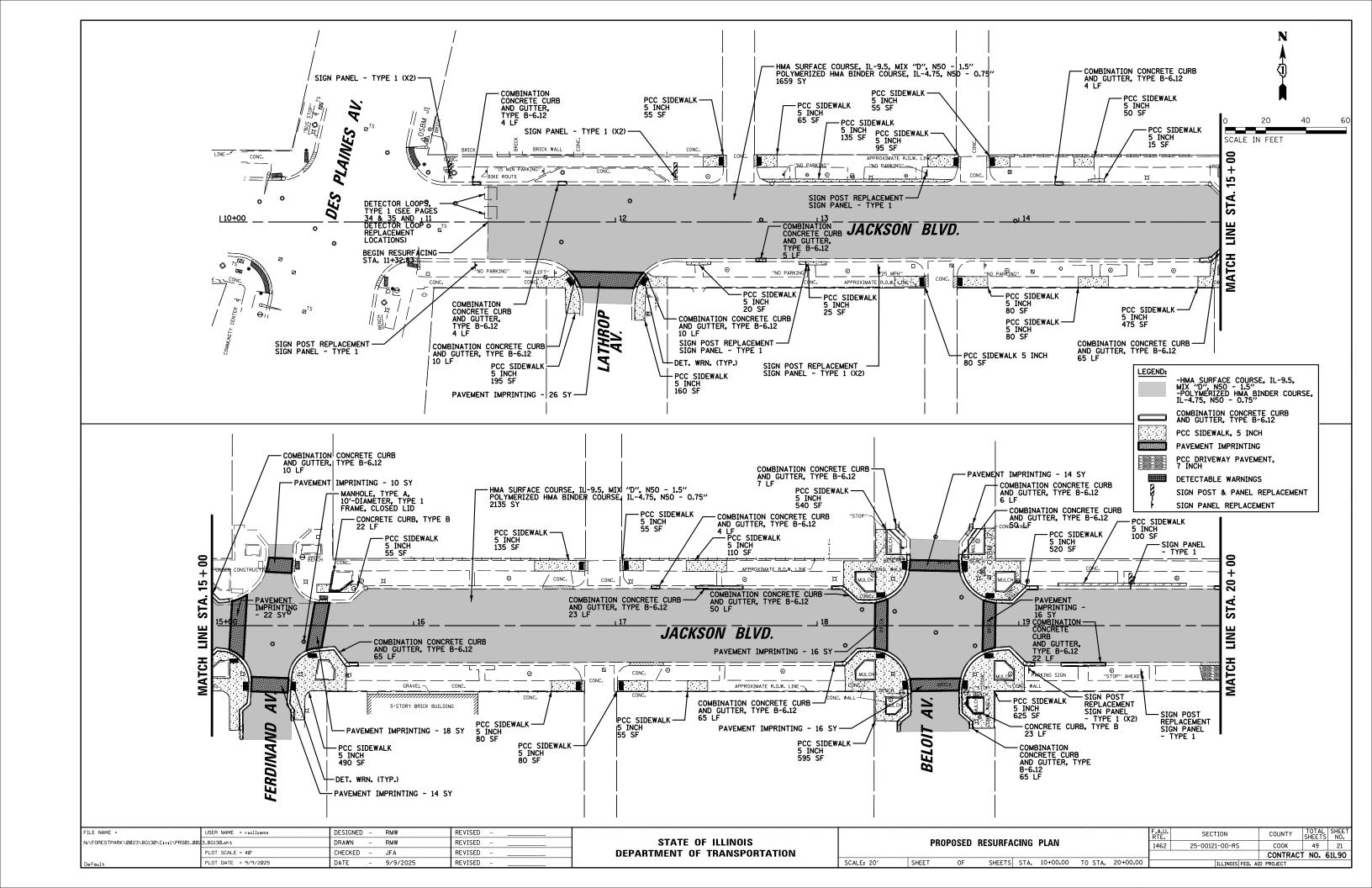


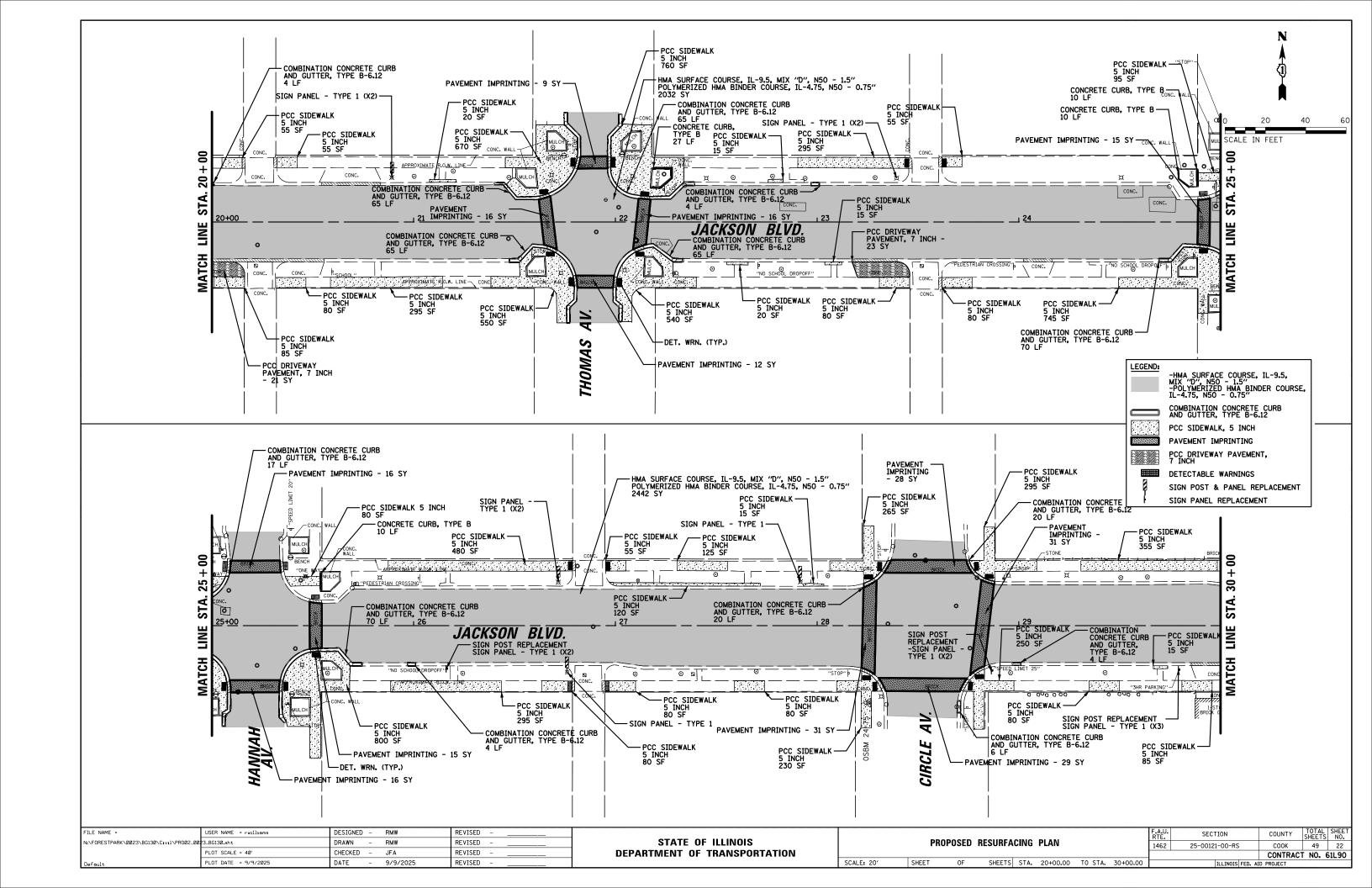


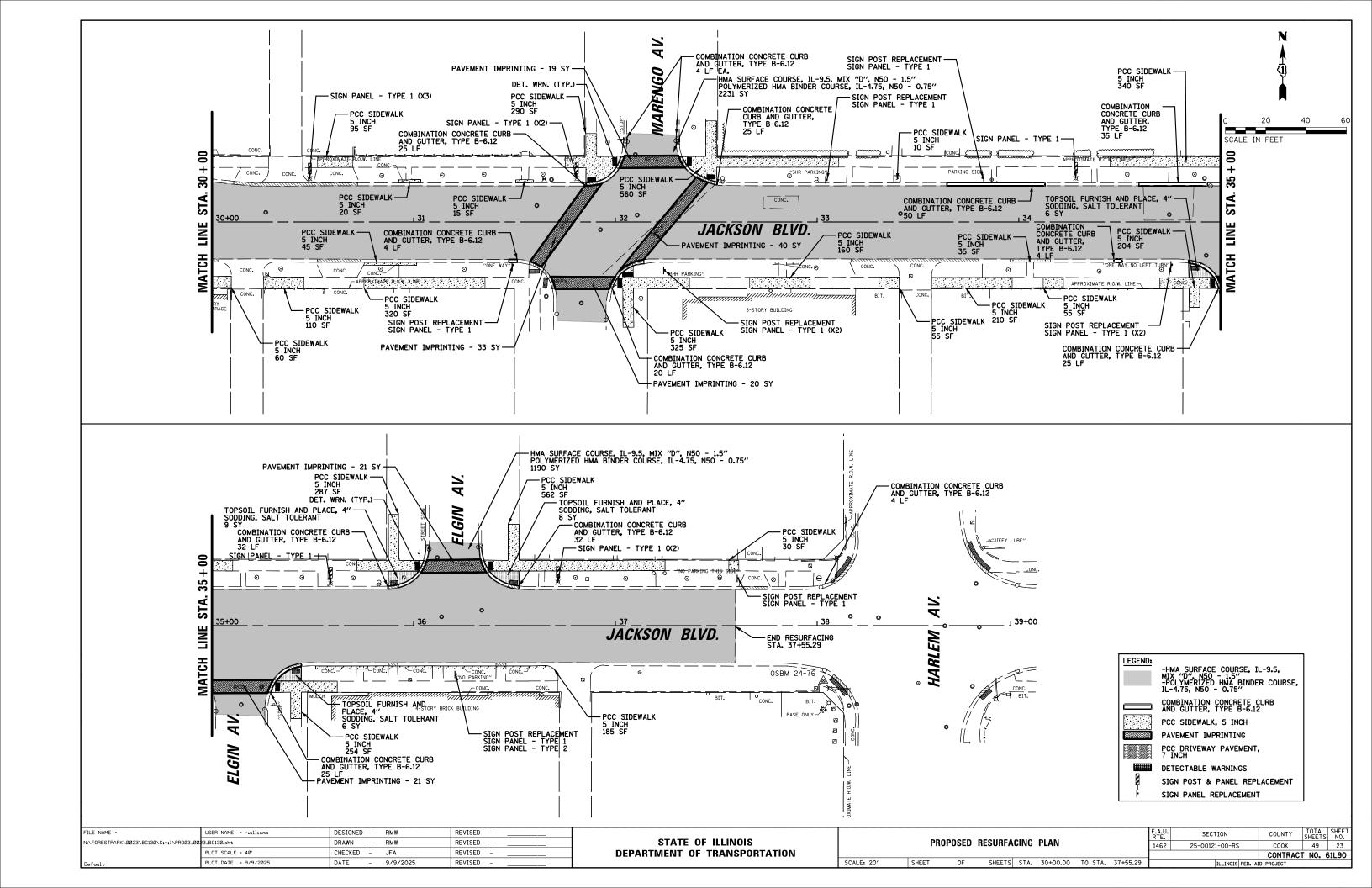


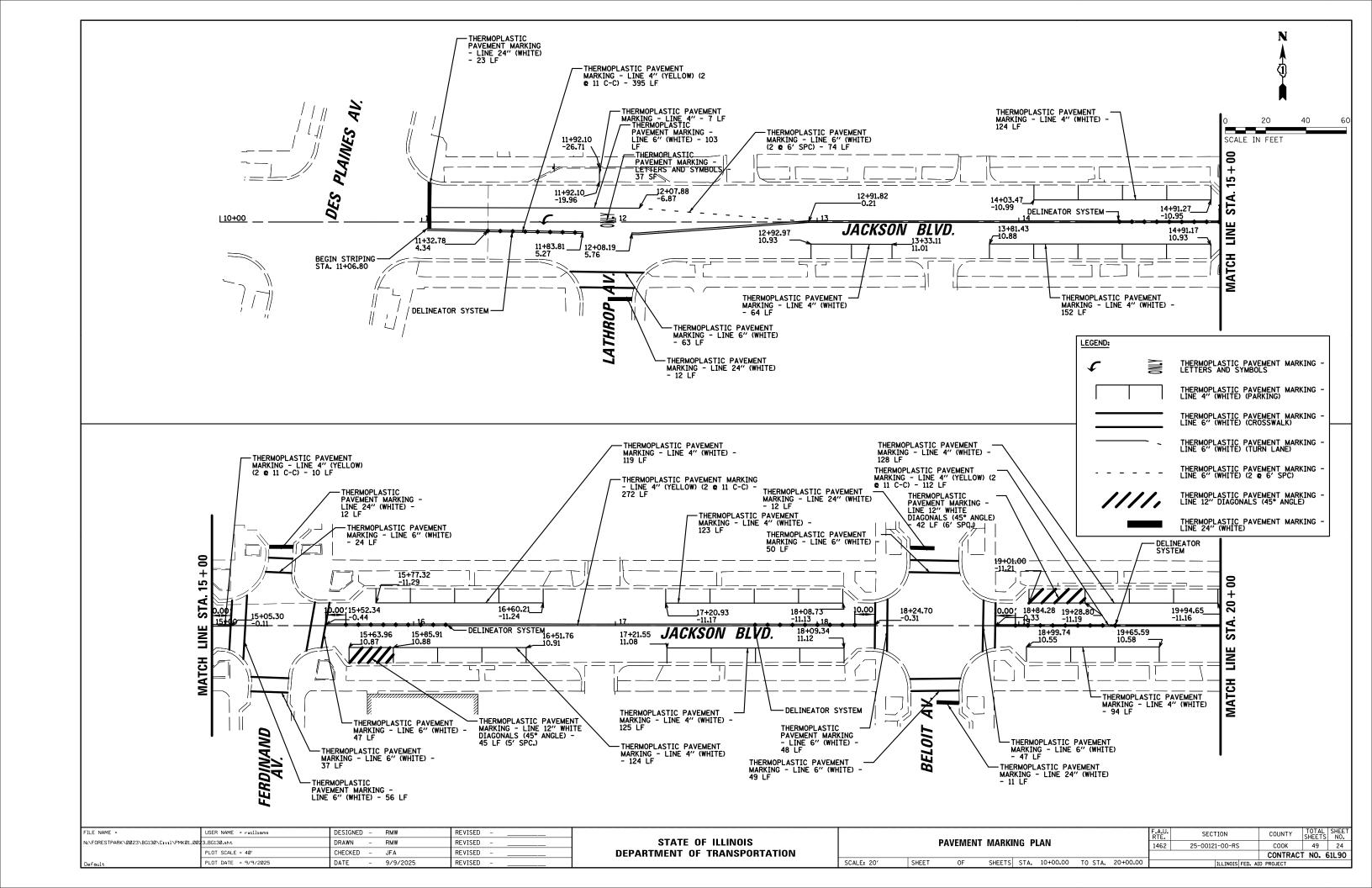


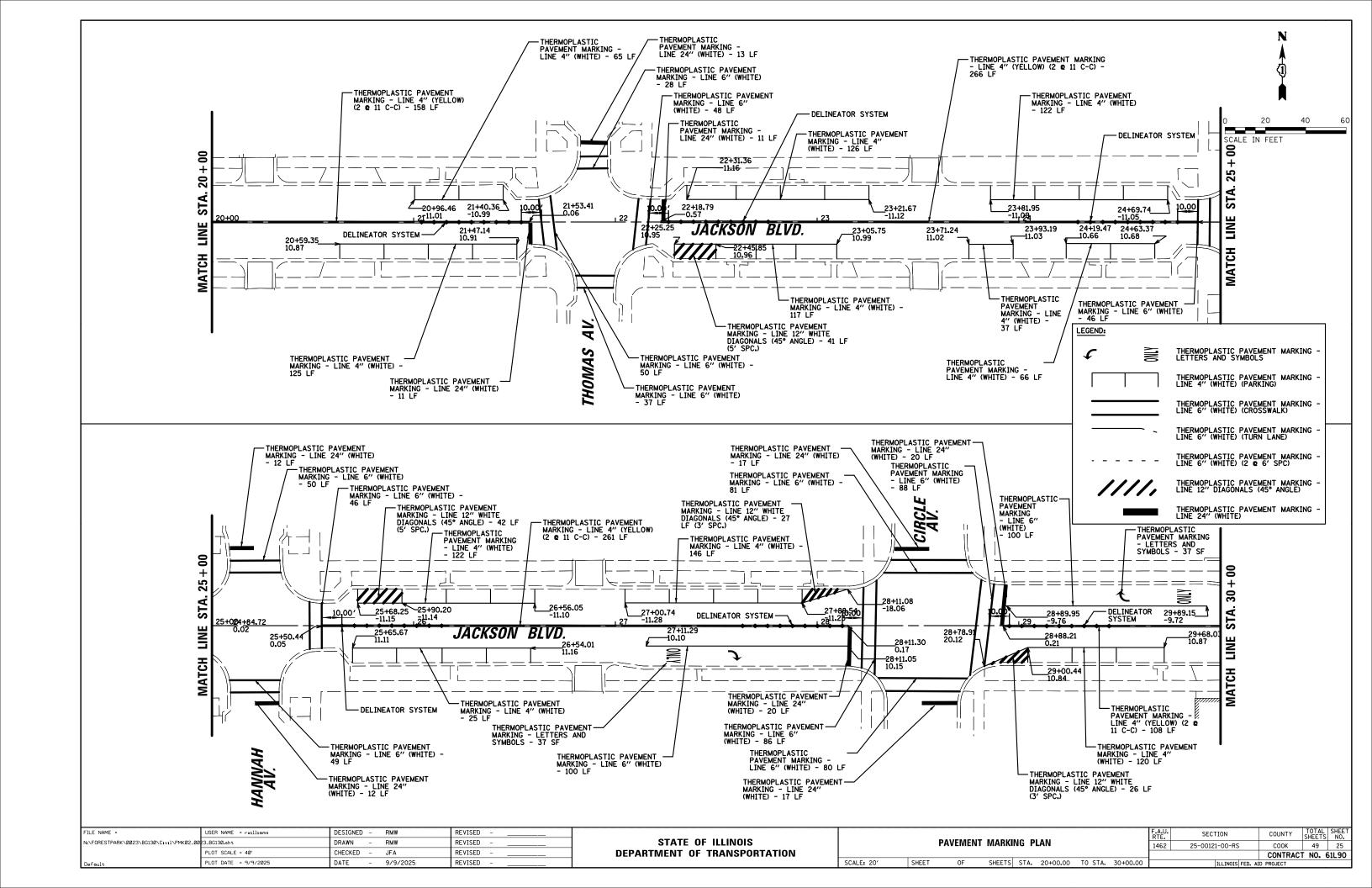


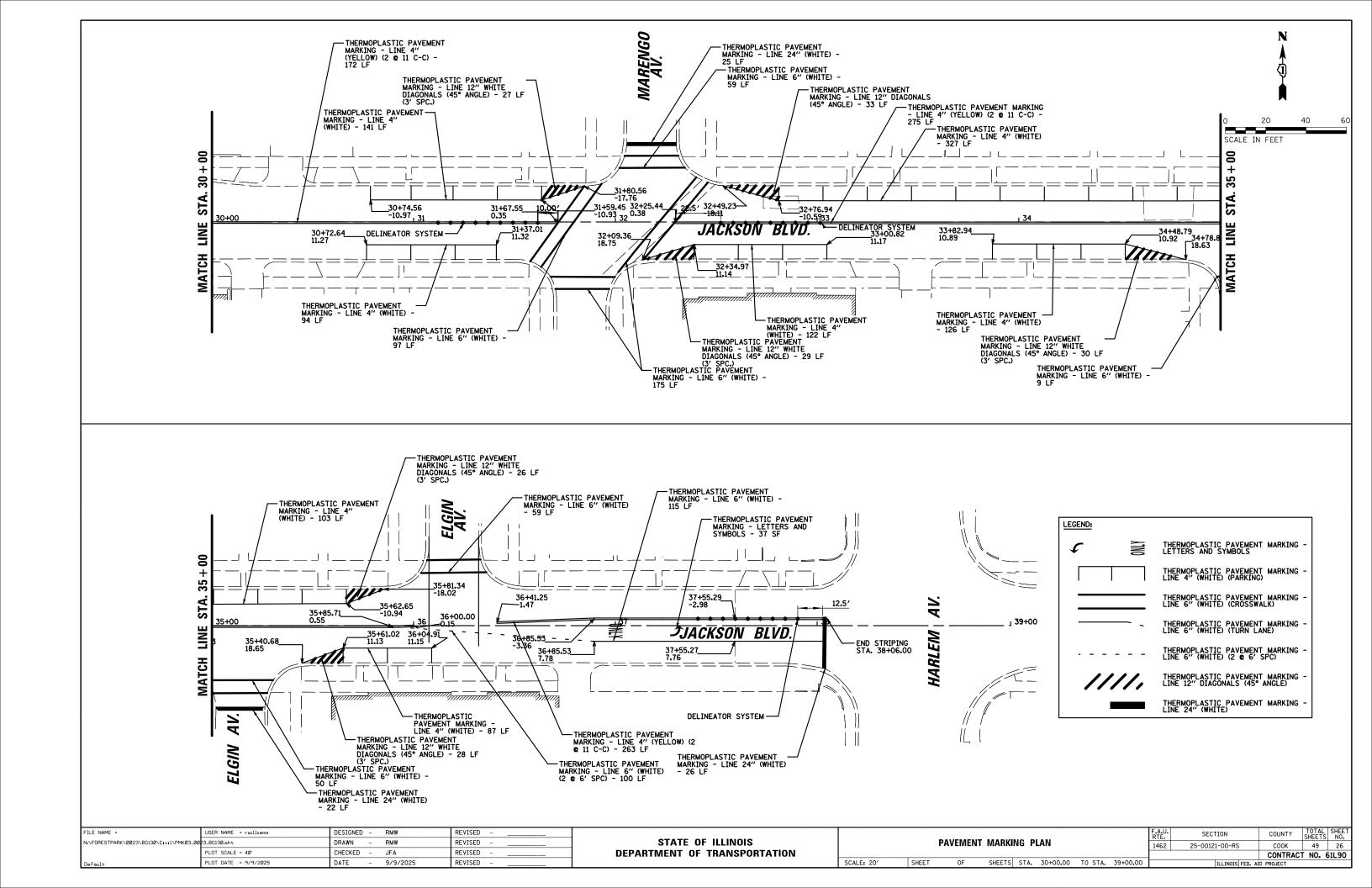


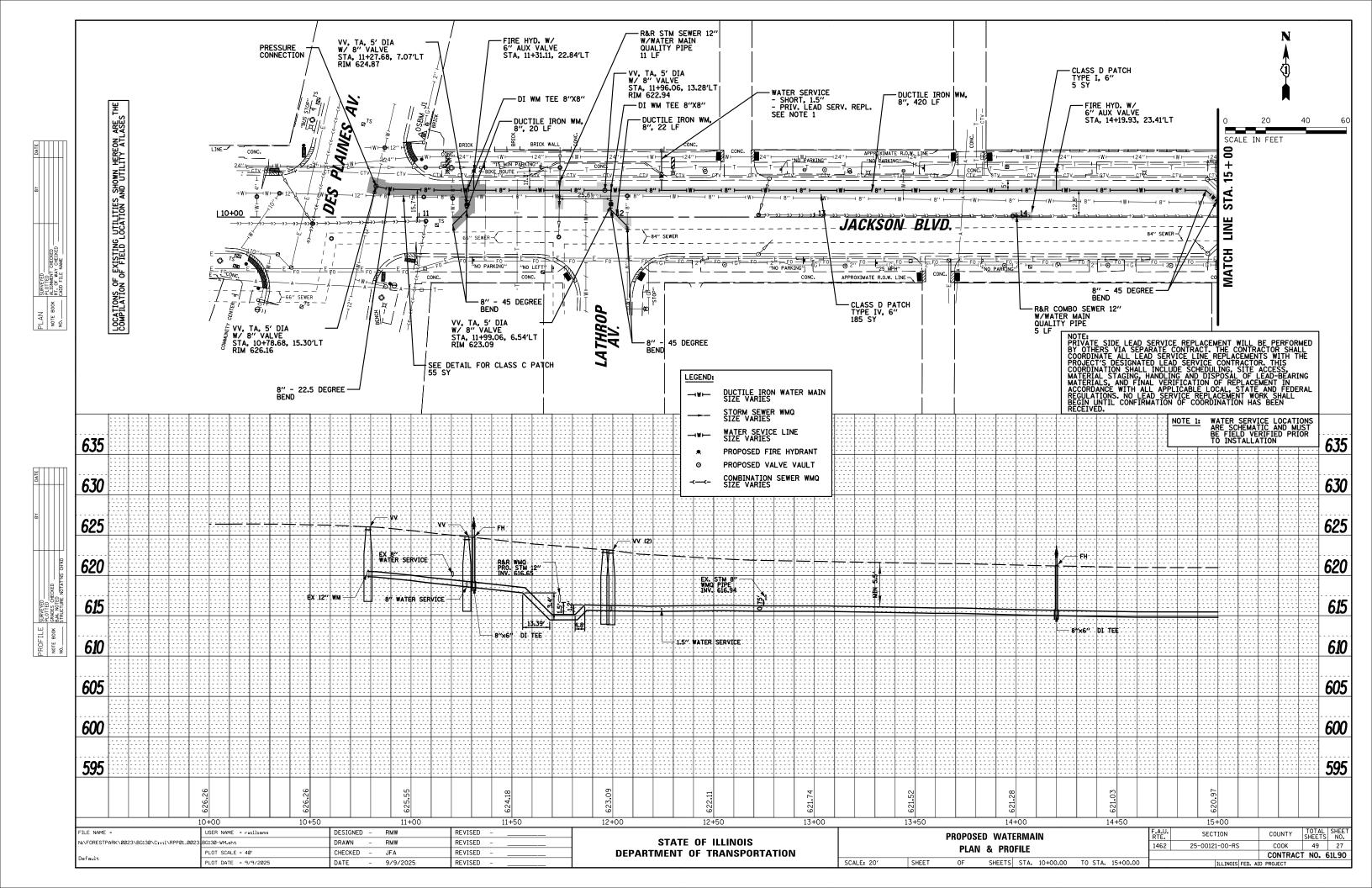


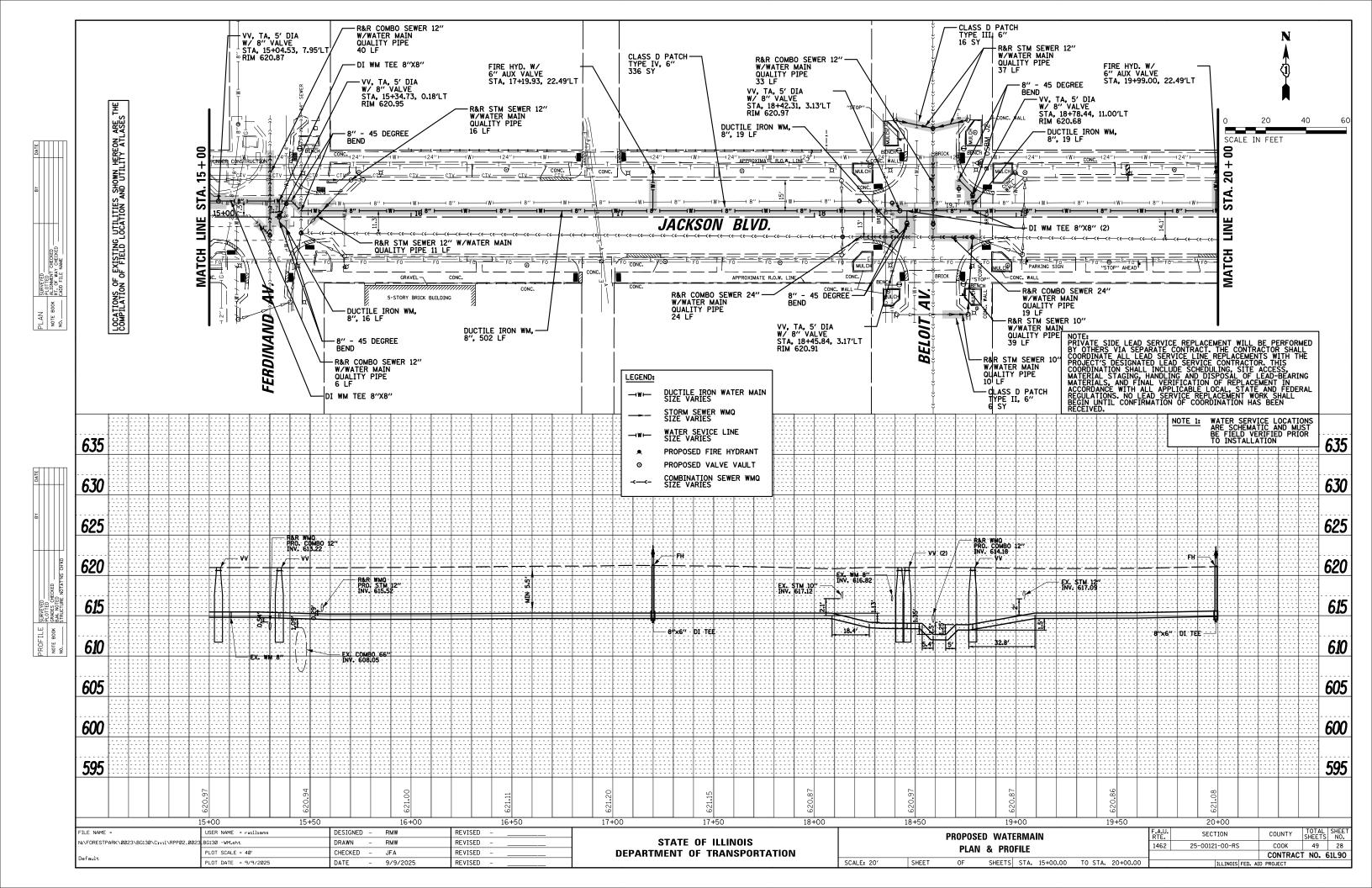


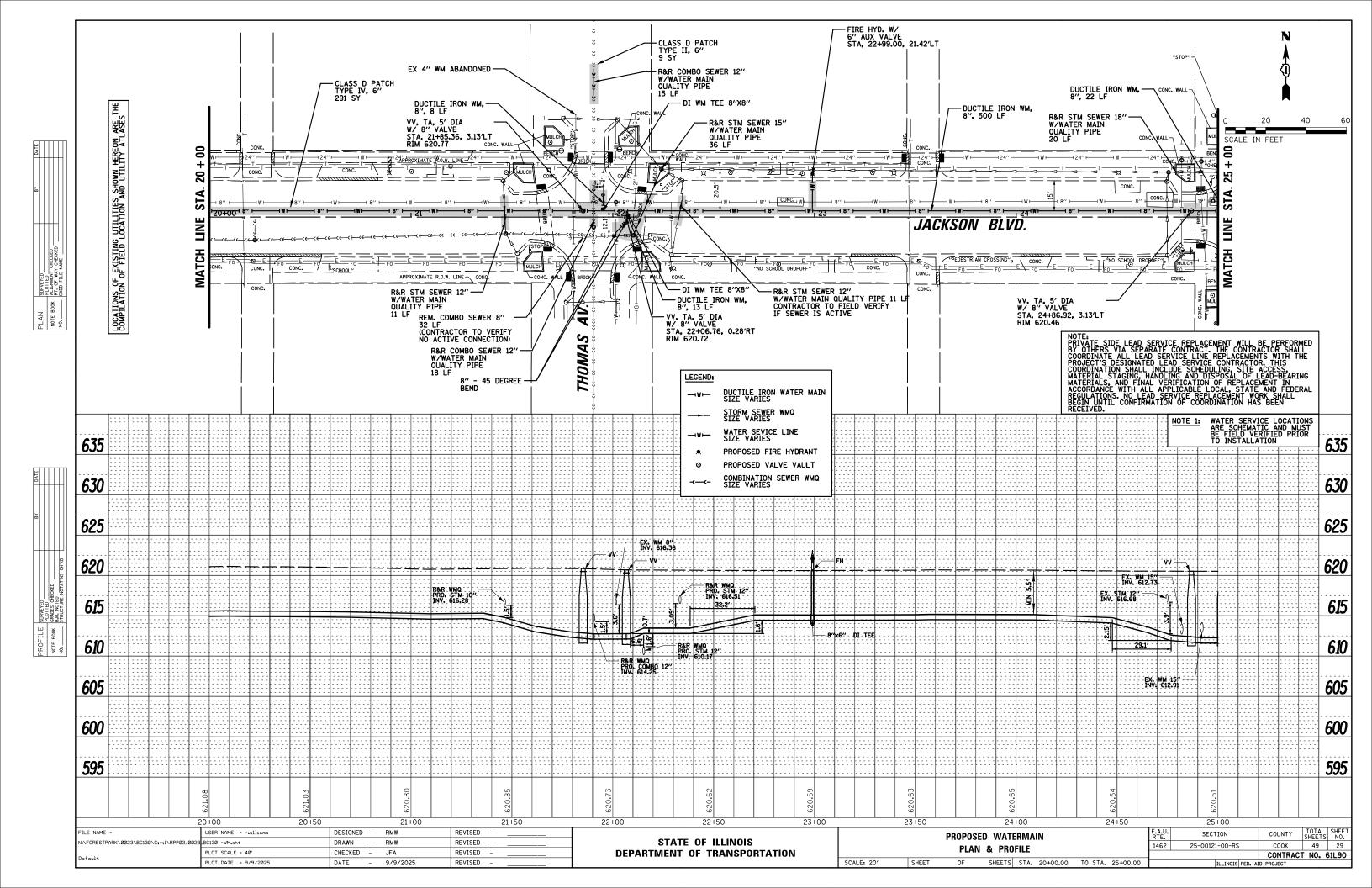


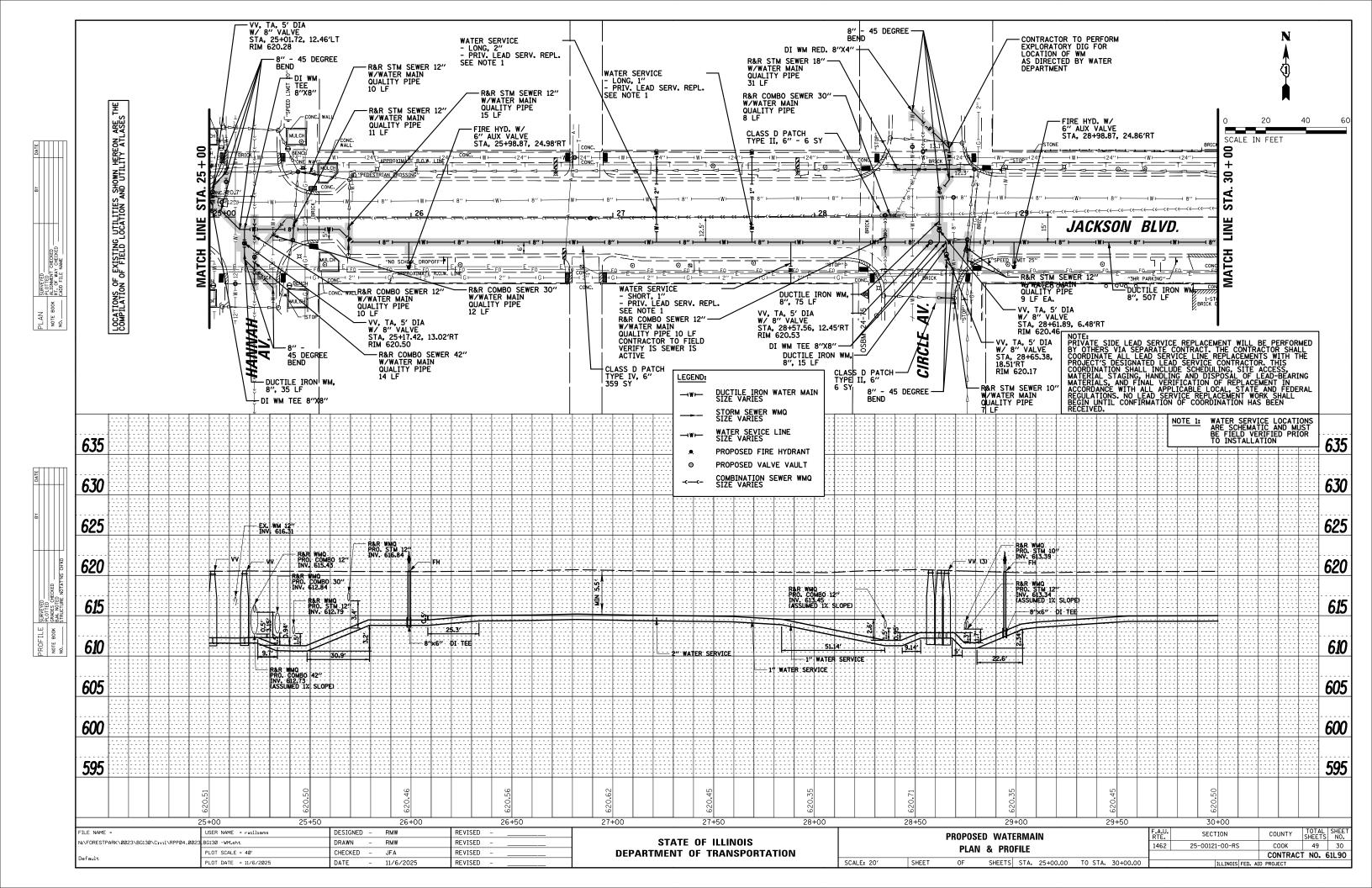


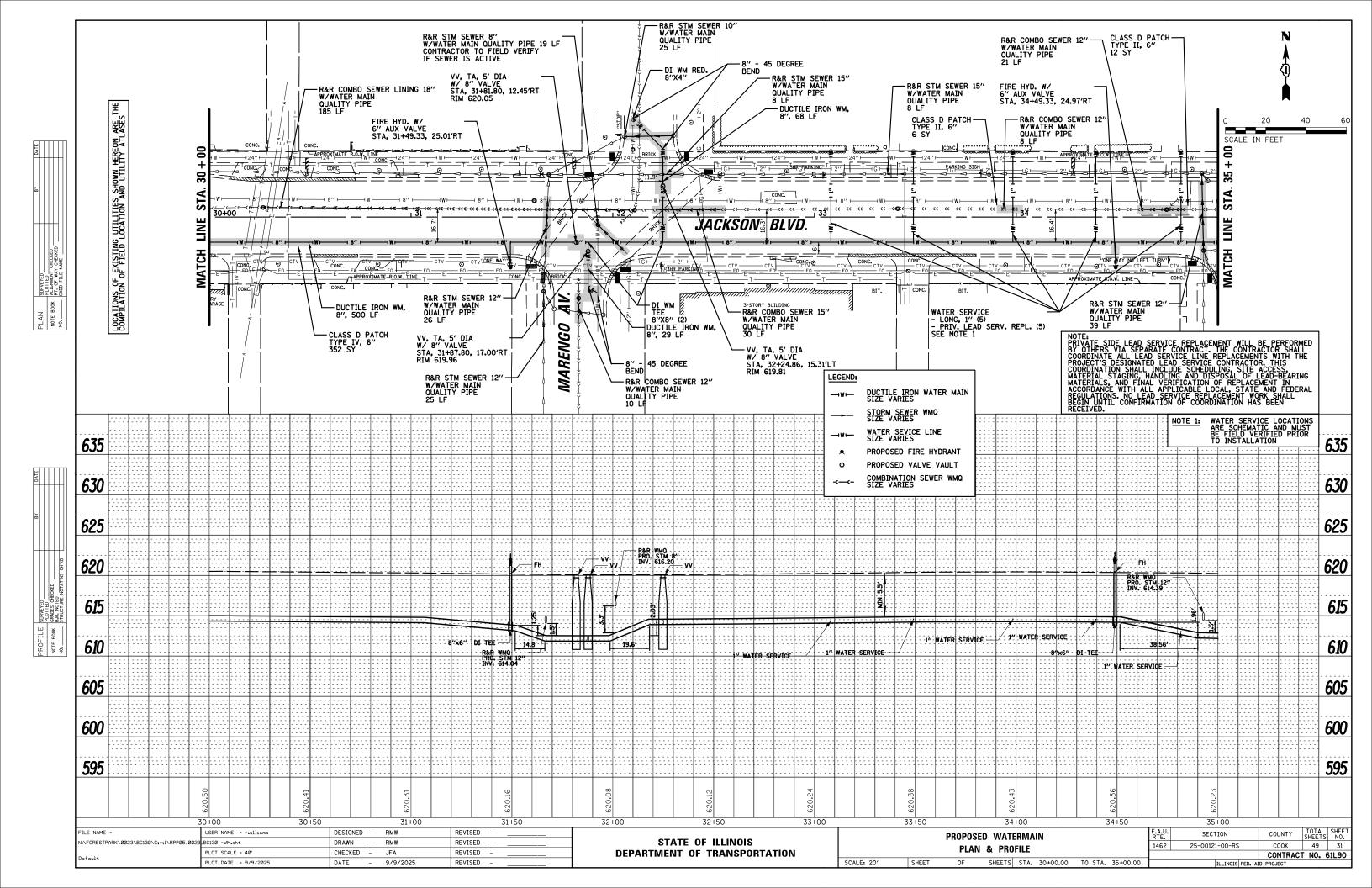


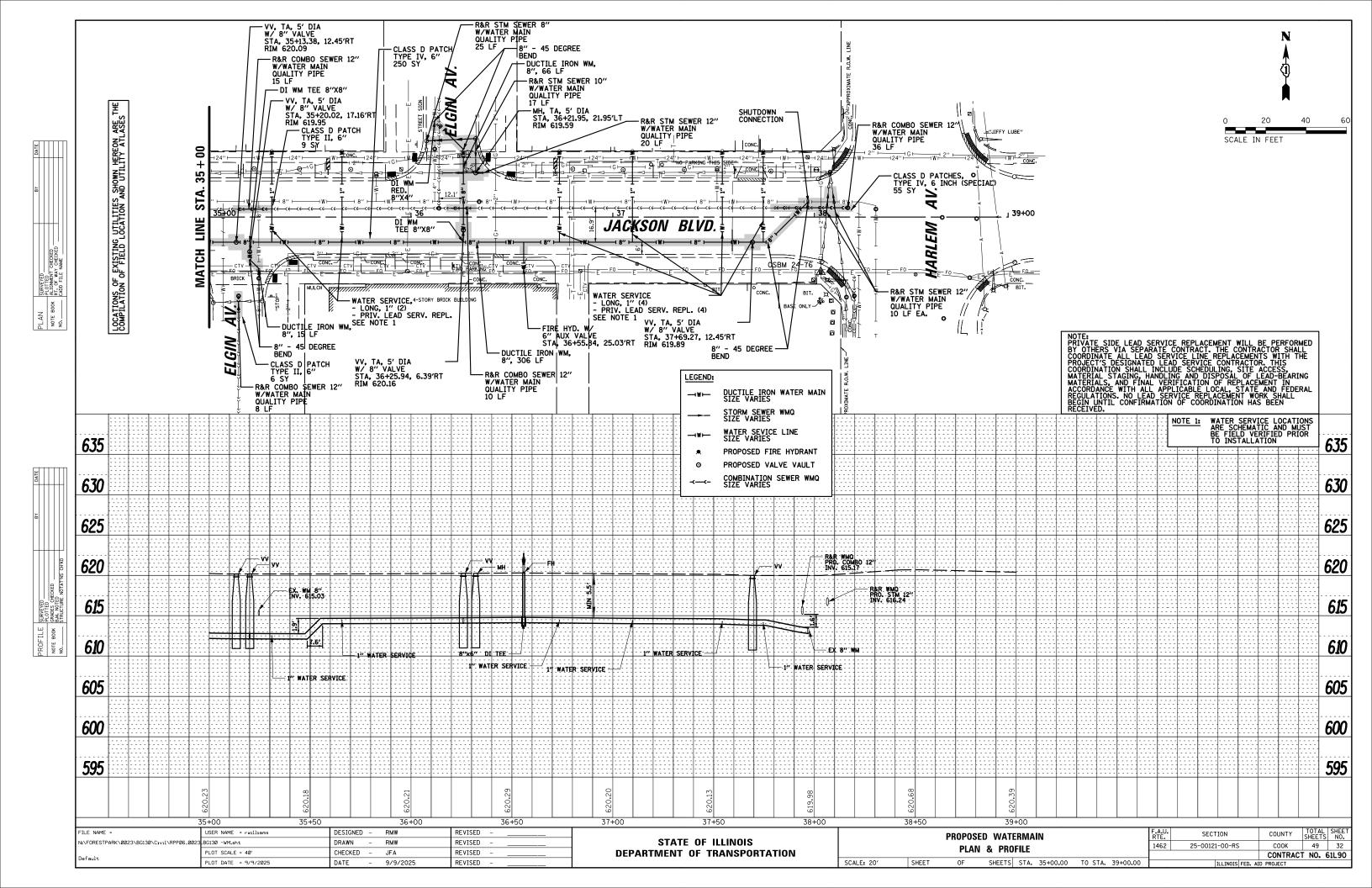


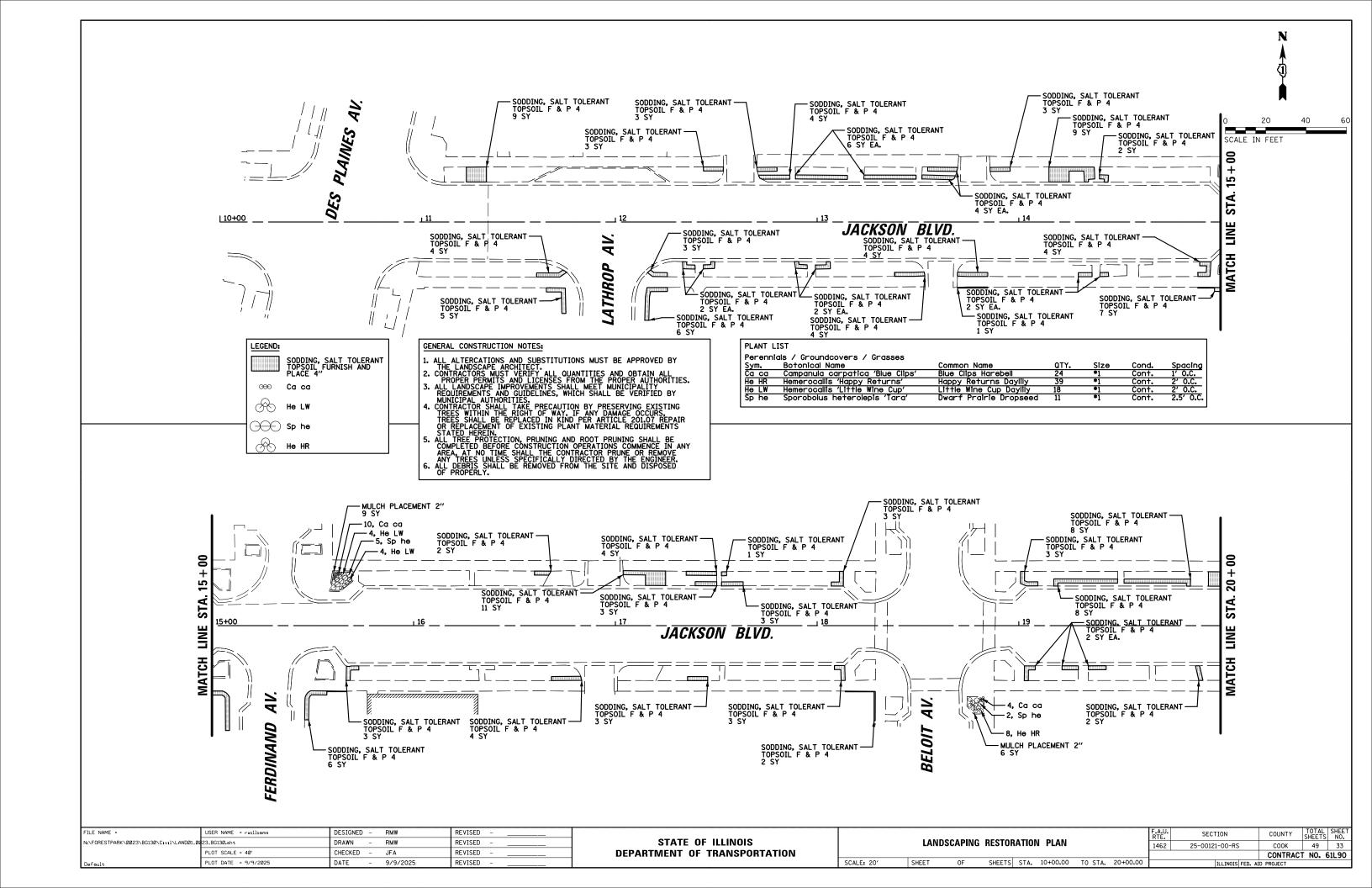


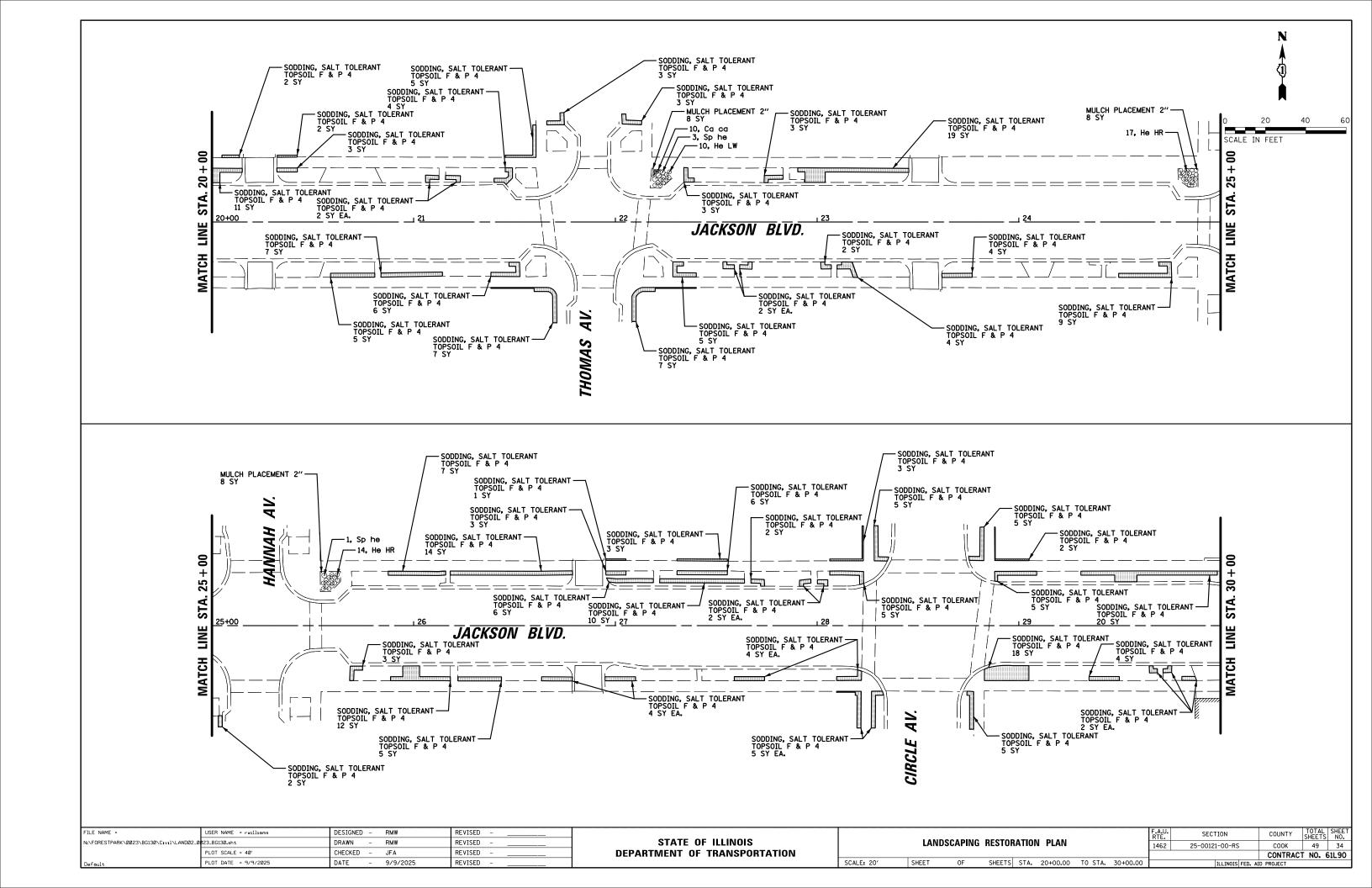


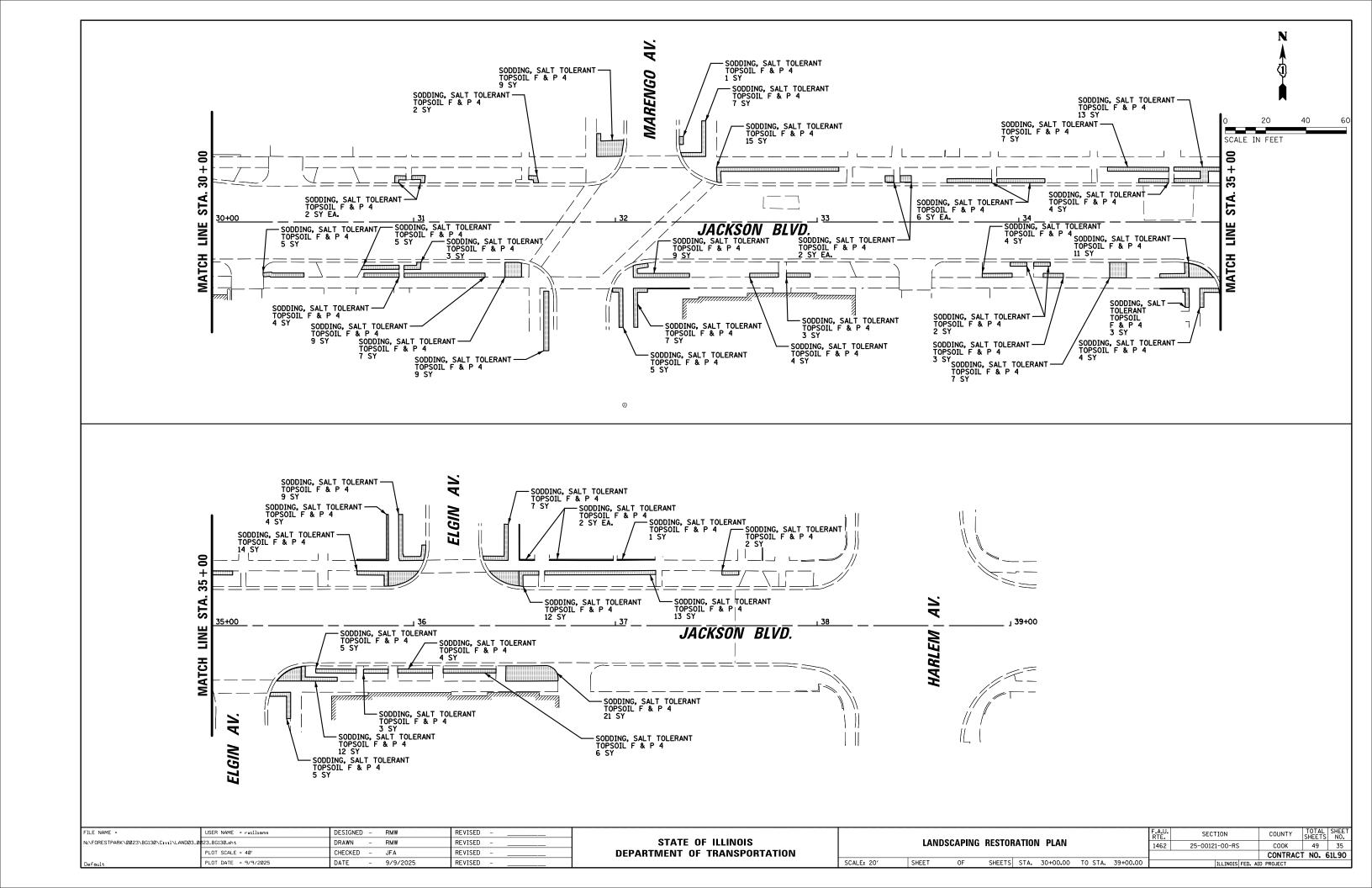


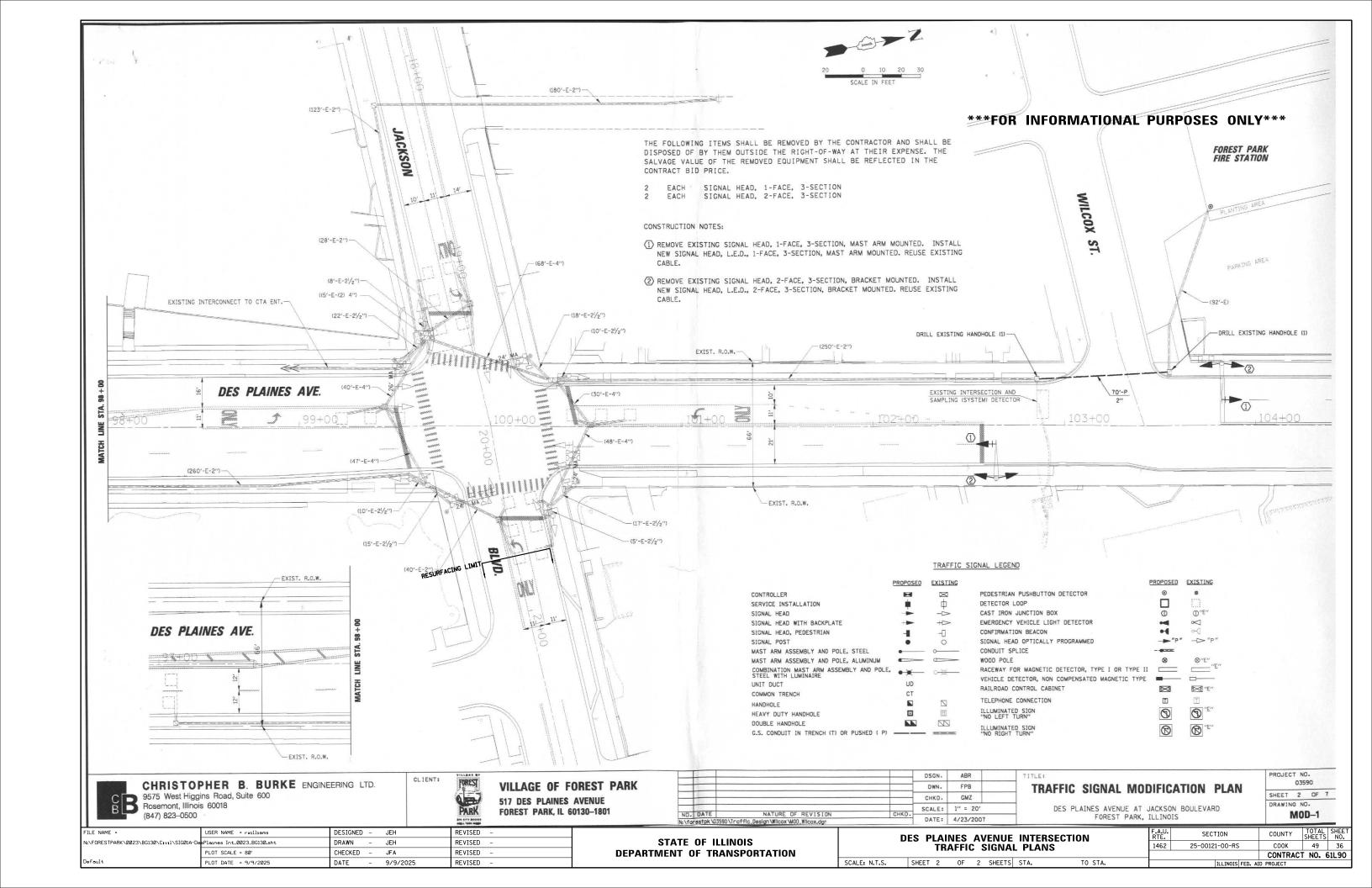


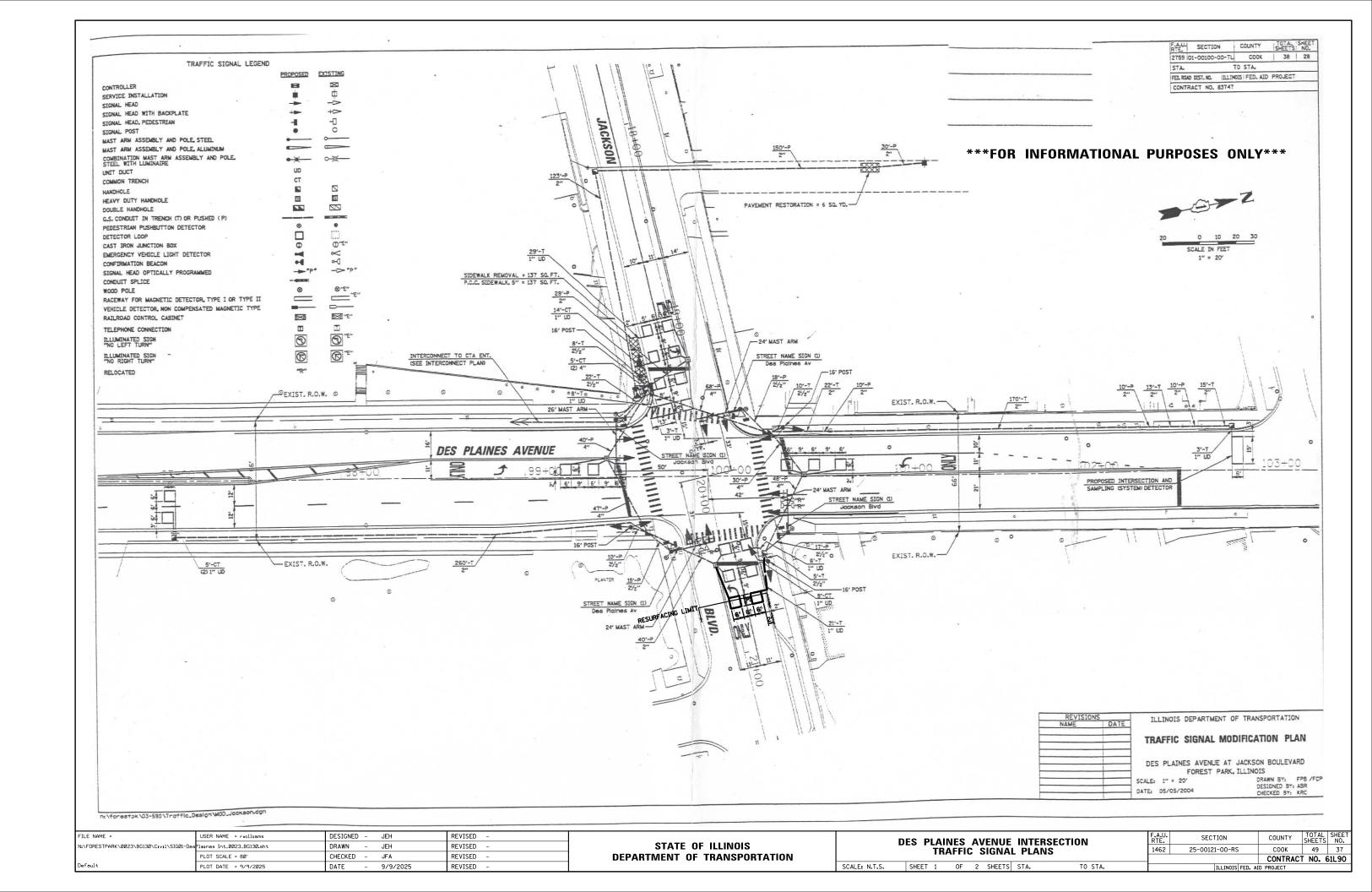


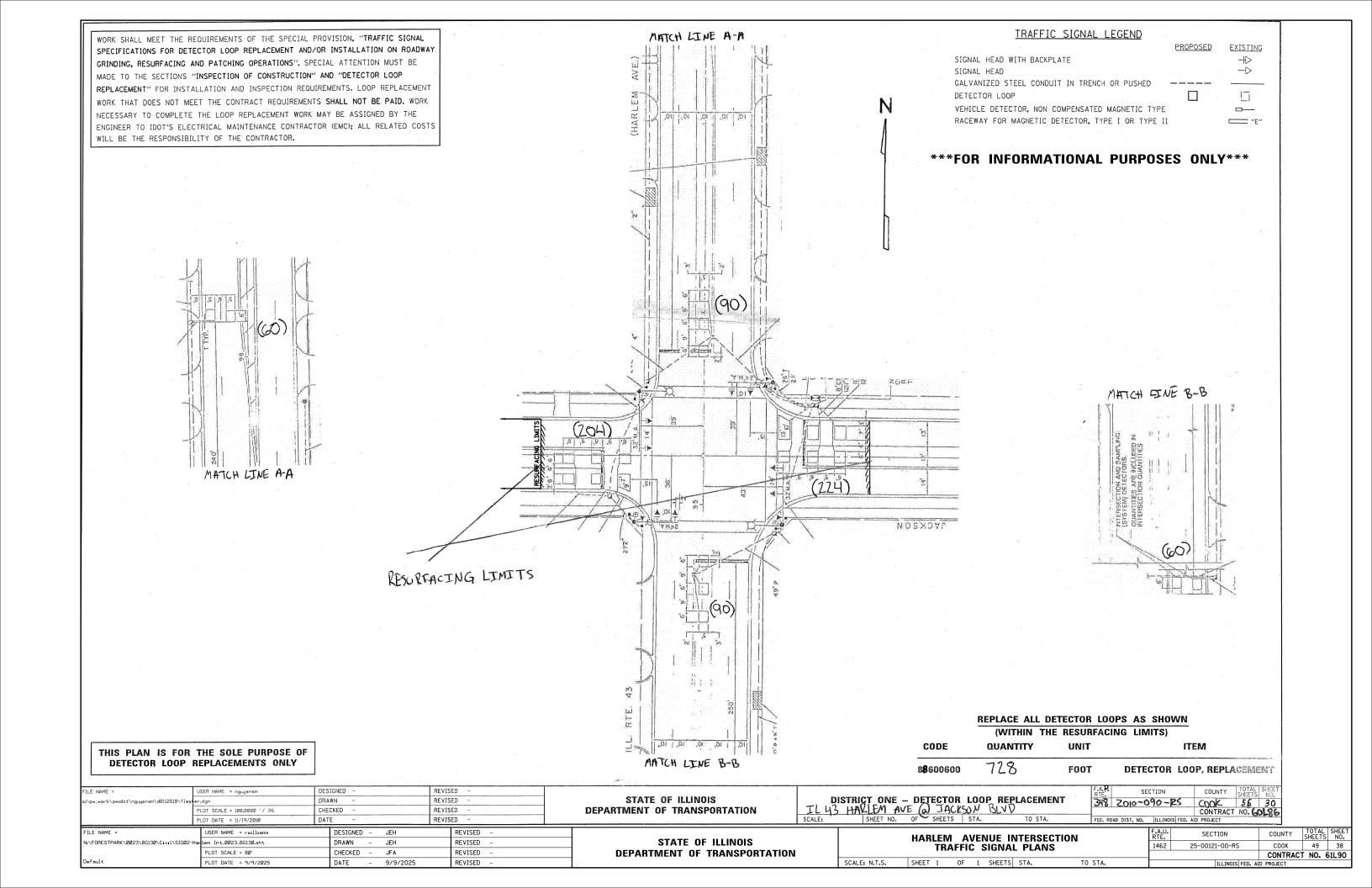


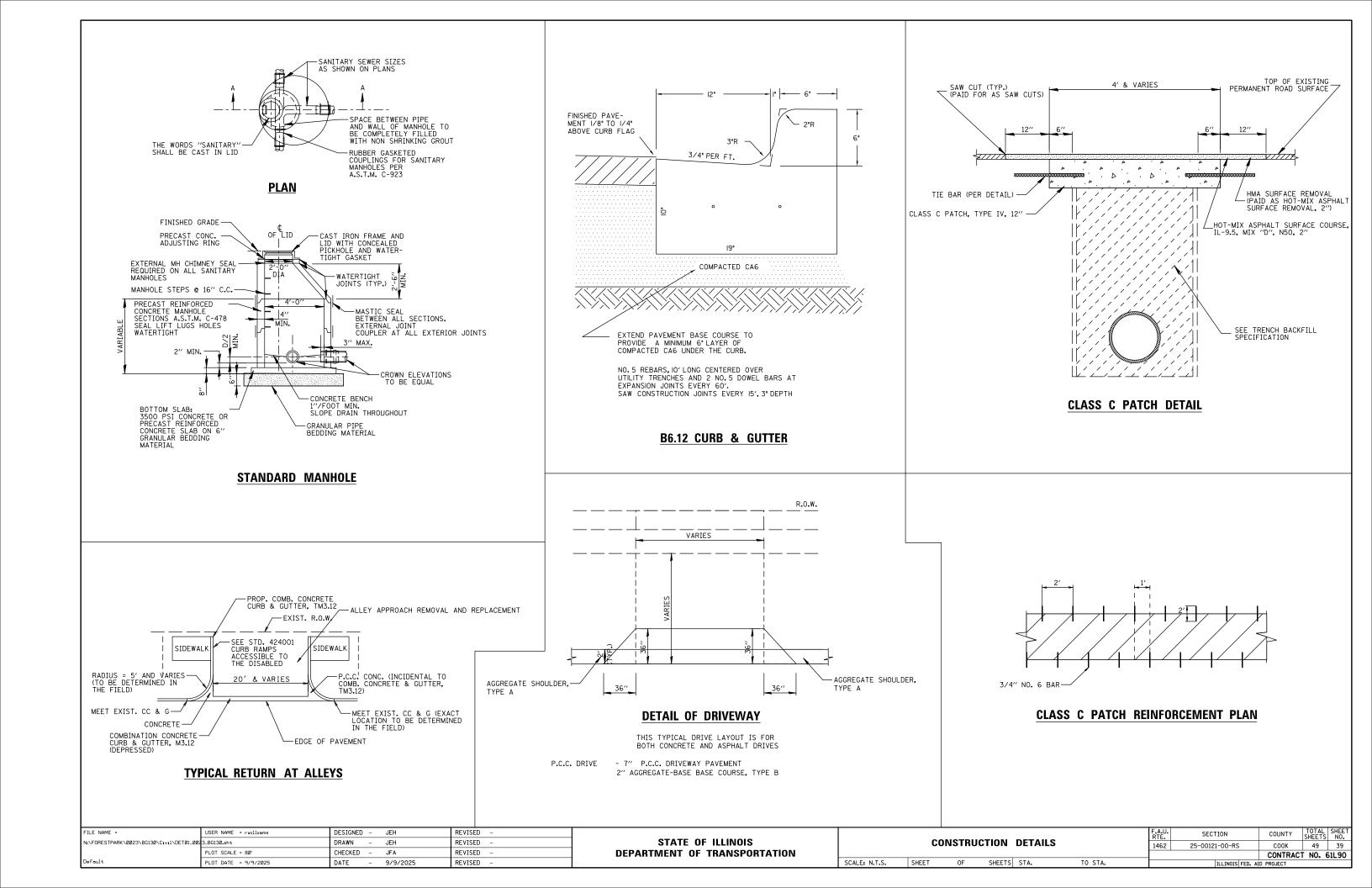


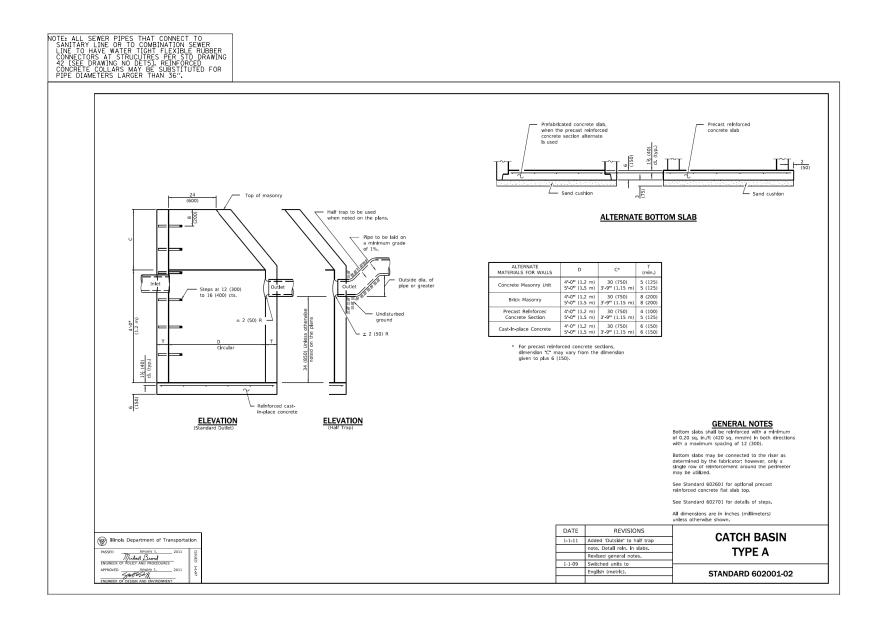


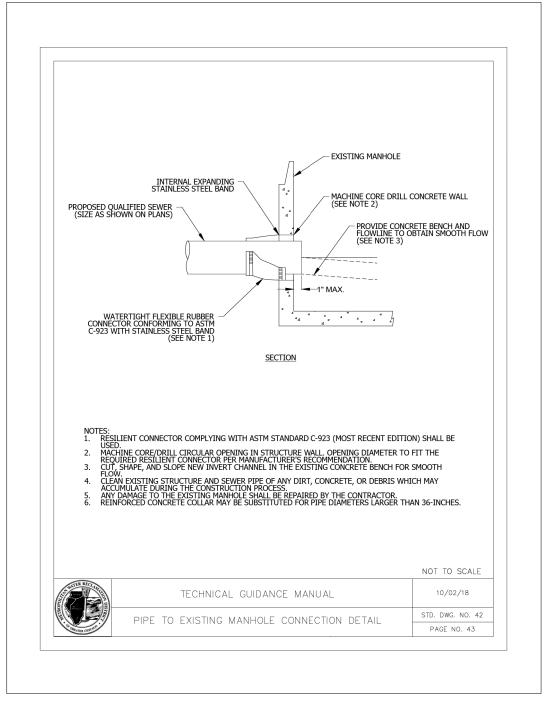










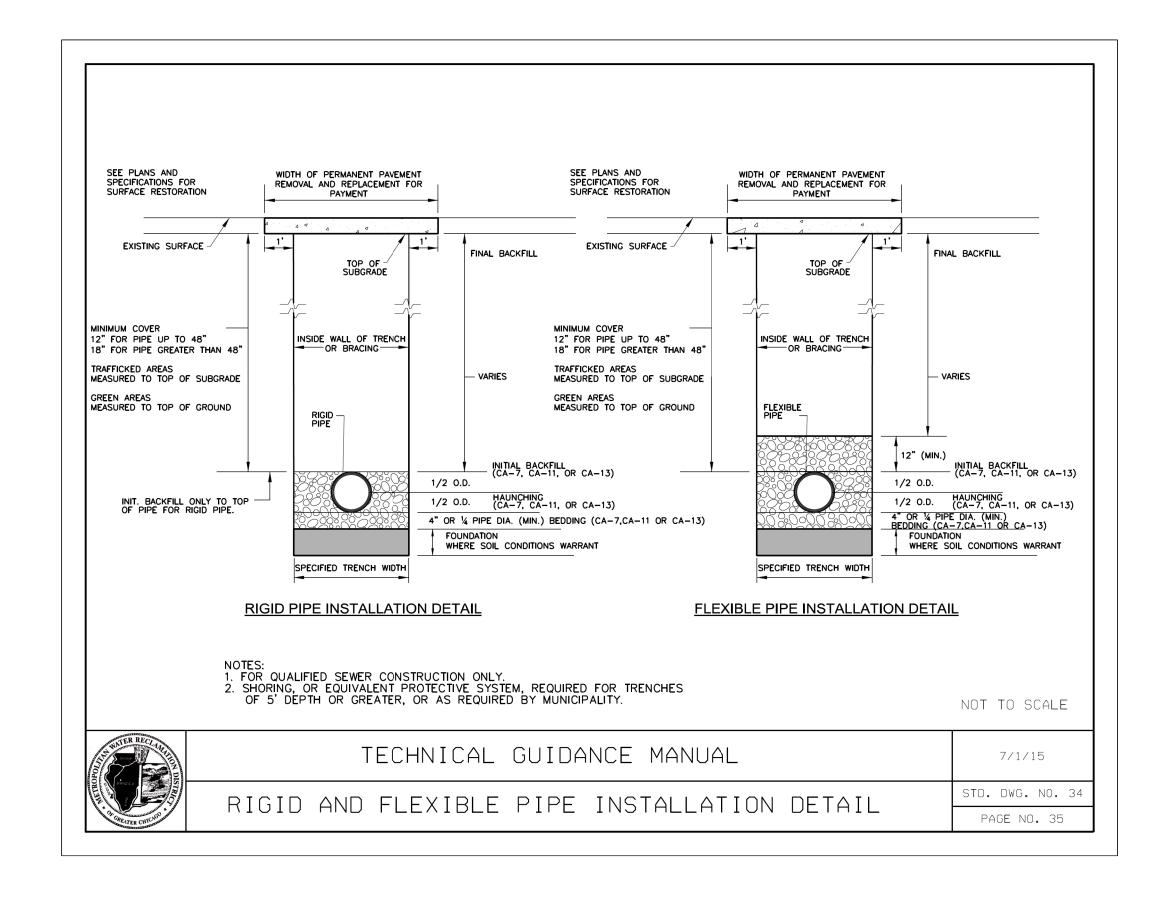


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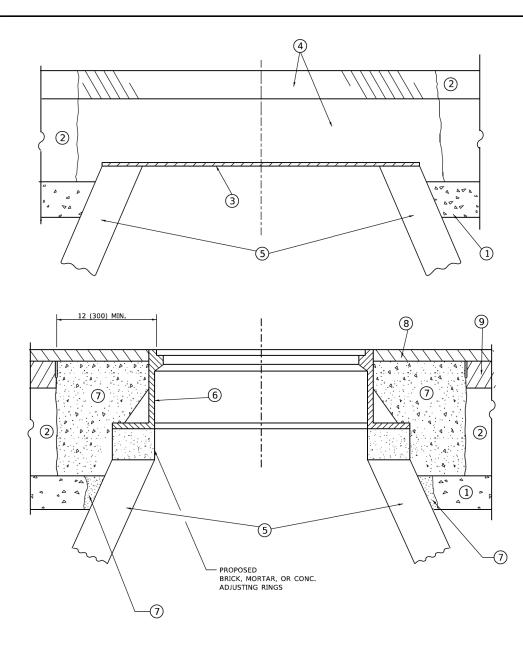
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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								CONTRACT	NO.	61L90
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DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

<u>NOTES</u>

- 1. 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.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. 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.

STAGE 1 (BEFORE PAVEMENT MILLING)

CONSTRUCTION PROCEDURES

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) 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)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) 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."

<u>LEGEND</u>

SUB-BASE GRANULAR MATERIAL

(5) EXISTING STRUCTURE

- (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

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

- 1. 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)."
- 2. 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.
- 4. 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

COOK 49 42

CONTRACT NO. 61L90

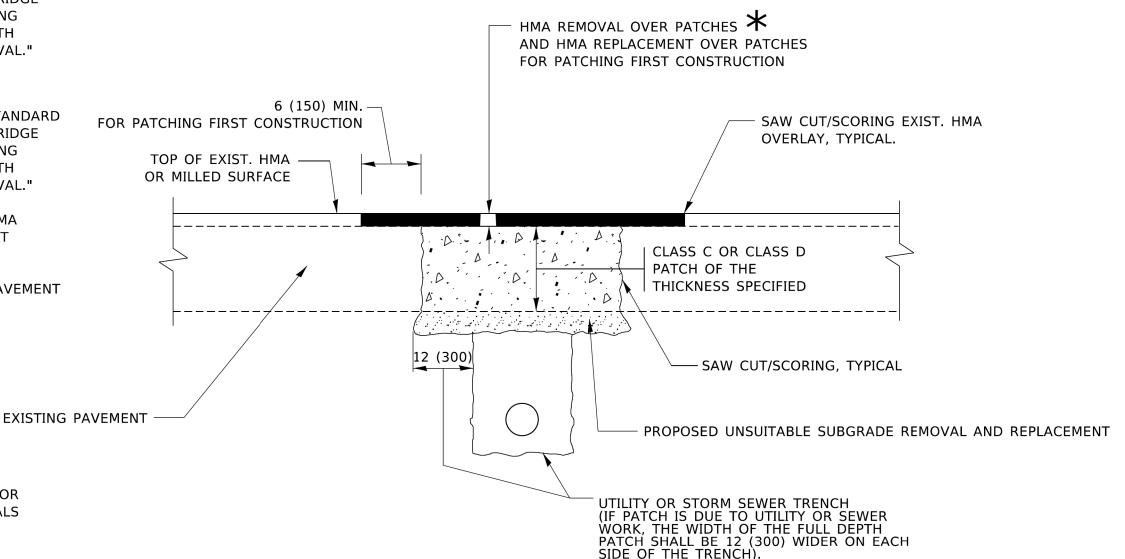
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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."
- 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.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEE TYPICAL SECTIONS FOR

THICKNESS AND MATERIALS

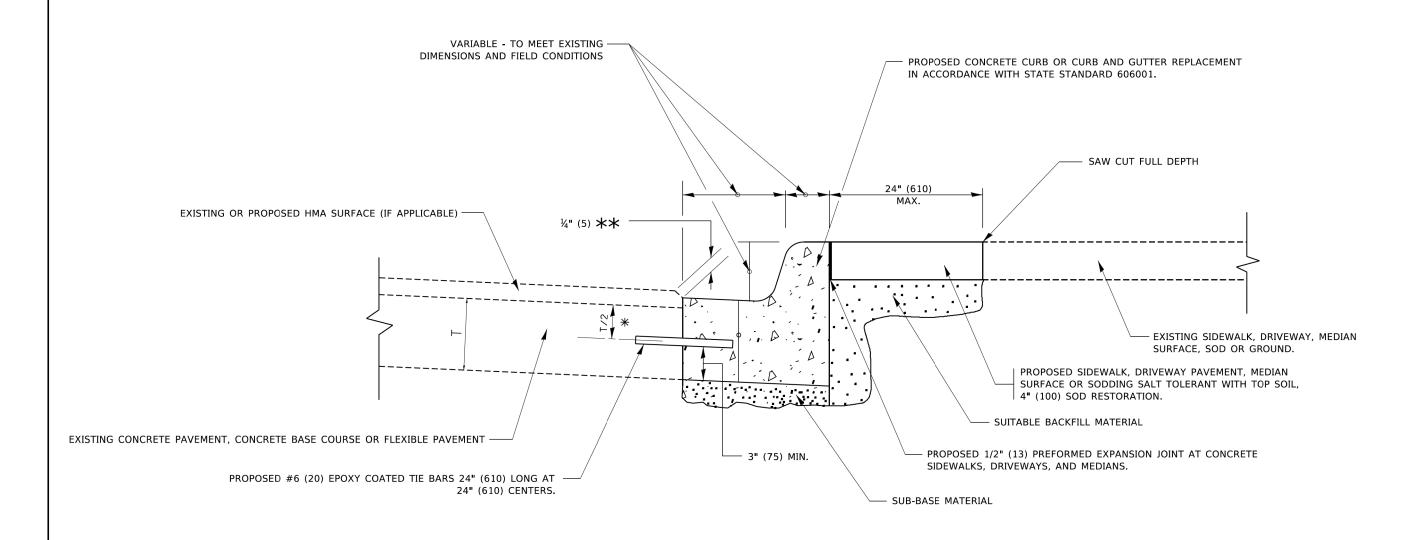
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ 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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PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.	-	ILLINOIS FED. A	ID PROJECT	



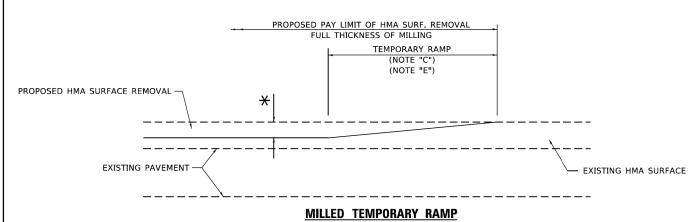
- 🛨 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- $\star\star$ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

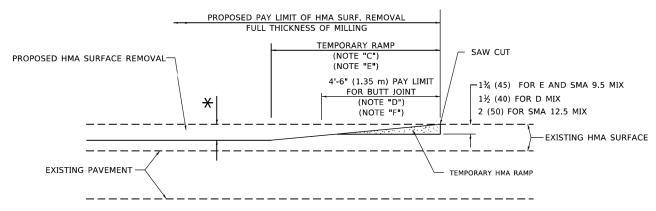
USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	07475 OF WILLIAM	CURB OR CURB AND GUTTER	F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
	DRAWN -	REVISED - M. GOMEZ 01-22-01	STATE OF ILLINOIS	REMOVAL AND REPLACEMENT	1462	25-00121-00-RS	COOK	49	44
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	DEPARTMENT OF TRANSPORTATION	NEIVIOVAL AIND NEFLAGEIVIEINI	BD	0600-06 (BD-24)	CONTRACT	T 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. AI	D PROJECT		

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(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

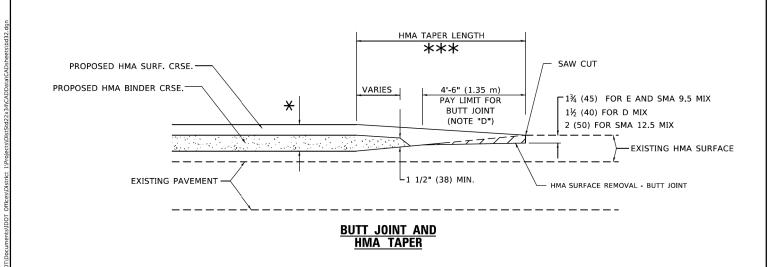


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

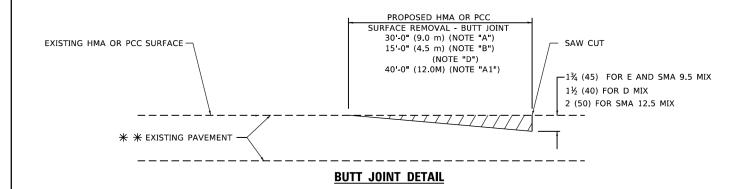
 USER NAME
 = Lawrence,DeManche
 DESIGNED
 M. DE YONG
 REVISED
 A. ABBAS 03-21-97

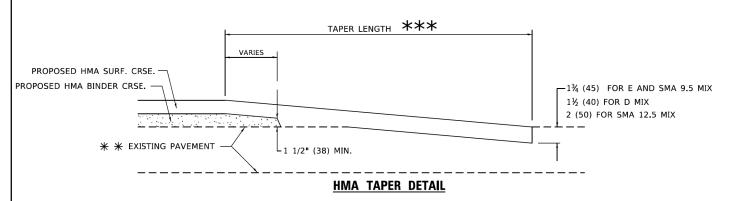
 DRAWN
 REVISED
 M. GOMEZ 04-06-01

 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





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

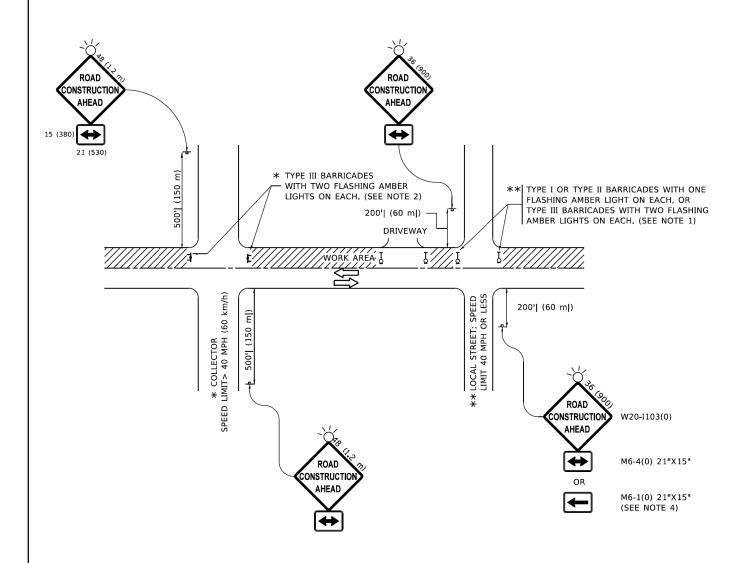
GENERAL NOTES

- 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

- 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.



NOTES:

- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

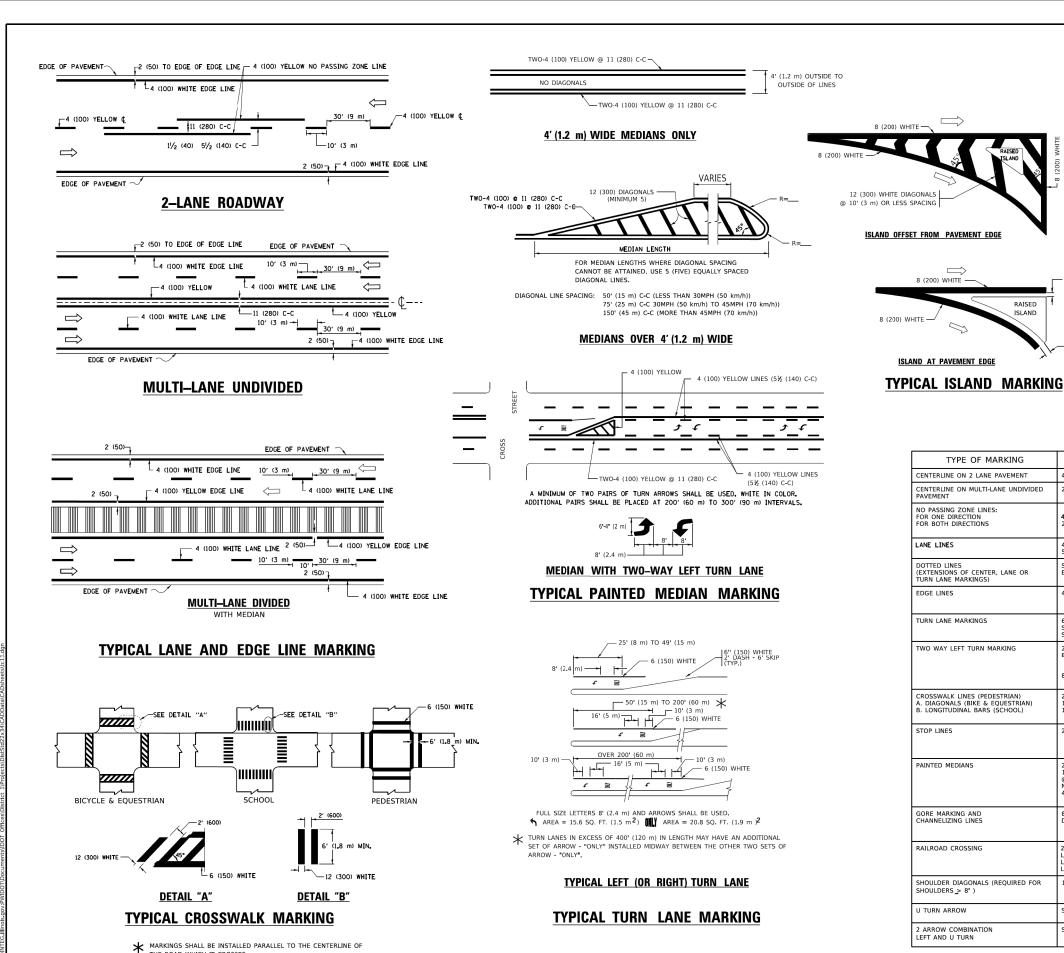
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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



COMBINATION LEFT AND U-TURN 5'-4" (1620) LANE REDUCTION TRANSITION 40 (1020) * LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OF GREATER OR WHEN SPECIFIED IN PLANS. **U_TURN** WIDTH OF LINE PATTERN COLOR SPACING / REMARKS 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN 4 (100) 2 @ 4 (100) SKIP-DASH SKIP-DASH 10' (3 m) LINE WITH 30' (9 m) SPACE (125) ON FREEWAYS SAME AS LINE BEING EXTENDED SKIP-DASH SAME AS LINE BEING EXTENDED 2' (600) LINE WITH 6' (1.8 m) SPACE SOLID YELLOW-LEFT WHITE-RIGHT OUTLINE MEDIANS IN YELLOW 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) SOLID SEE TYPICAL TURN LANE MARKING DETAIL WHITE 2 @ 4 (100) EACH DIRECTION YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. 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 SOLID WHITE 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. 2 @ 4 (100) WITH 12 (300) DIAGONALS SOLID YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS 8 (200) WITH 12 (300) DIAGONALS @ 45° SOLID 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))

2 (50)

2 (50)

4 (100)

24 (600)

24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"

12 (300) @ 45°

SEE DETAIL

SOLID

SOLID

SOL TO

WHITE

WHITE

WHITE - RIGHT YELLOW - LEFT

RAISED

TYPE OF MARKING

NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS

(EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)

LANE LINES

EDGE LINES

STOP LINES

PAINTED MEDIANS

RAILROAD CROSSING

U TURN ARROW

SCALE: NONE

2 ARROW COMBINATION LEFT AND U TURN

SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE

CONSTRUCTION AND STATE STANDARD 780001.

TURN LANE MARKINGS

TWO WAY LEFT TURN MARKING

CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)

DOTTED LINES

8 (200) WHITE -

SPEED LIMIT

50

665

750

USER NAME = footemj DESIGNED -EVERS REVISED - C. JUCIUS 09-09-09 DRAWN REVISED - C. JUCIUS 07-01-13 CHECKED REVISED -PLOT SCALE = 50.0000 ' / in C. JUCIUS 12-21-15 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

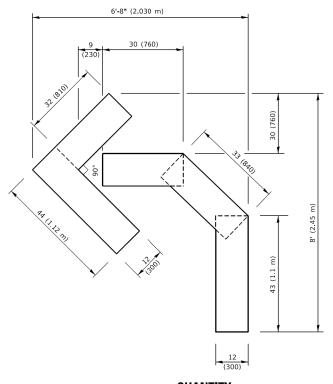
TOTAL SHEE NO. 49 47 SECTION COUNTY DISTRICT ONE 25-00121-00-RS COOK TYPICAL PAVEMENT MARKINGS CONTRACT NO. 61L90 OF 2 SHEETS STA. SHEET 1

30.4 SF

SEE STATE STANDARD 780001

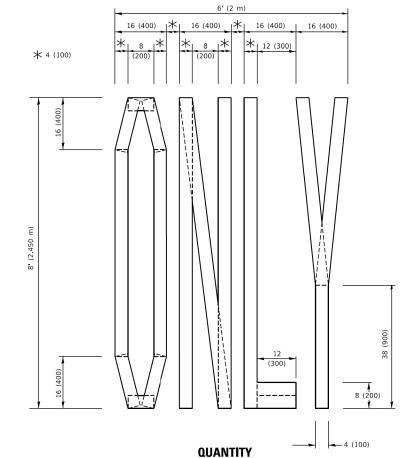
unless otherwise shown.

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))



QUANTITY

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



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

DESIGNED -

CHECKED -

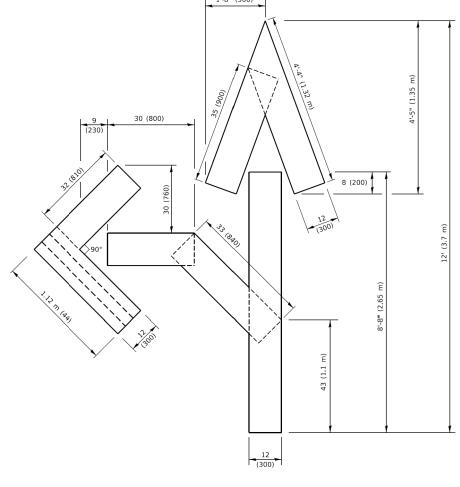
- 09-18-94

DRAWN

DATE

JSER NAME = footemj

PLOT DATE = 3/4/2019

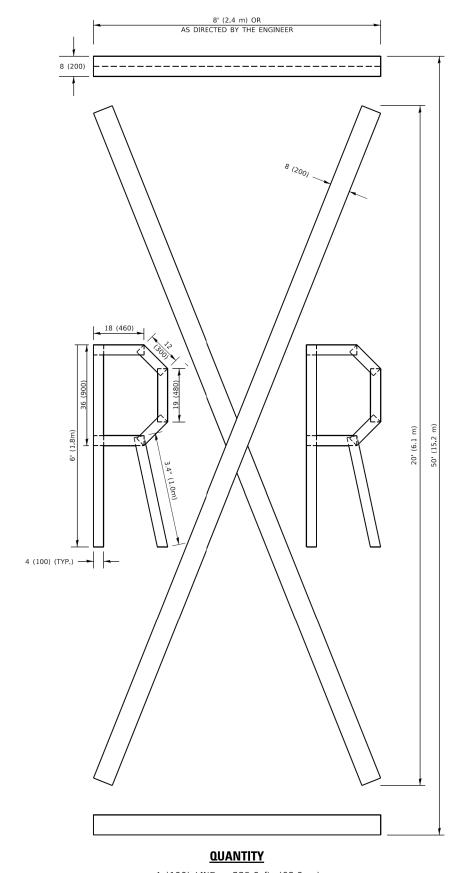


QUANTITY

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.



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.

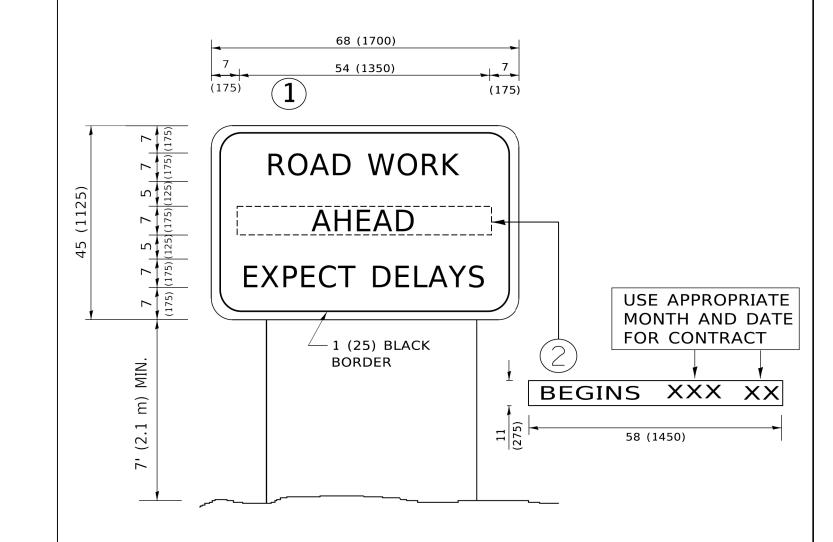
REVISED - T. RAMMACHER 03-02-98
REVISED - E. GOMEZ 08-28-00
REVISED - E. GOMEZ 08-28-00
REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN 1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL(2)SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97			ARTERIAL ROAD		F.A.U. RTE.	SECTION	COUNTY	SHEETS	SHEET I
	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		INFORMATION SIGN		1462	25-00121-00-RS	соок	49	49
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION		INTORIVIATION SIGN			TC-22	CONTRAC	CT NO. 6	51L90
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		