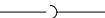
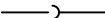
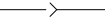
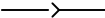
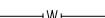
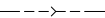
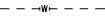
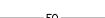


Drawing file: W:\Projects_By_Village\Meiose Park\60025231 - George Street - Phase II\LEGEND OF SYMBOLS.dwg Aug 10, 2026 - 3:01pm

LEGEND OF SYMBOLS

(TO BE USED IN CONJUNCTION WITH I.D.O.T. STANDARD 000001-08)

EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		INLET
		CATCH BASIN
		FIRE HYDRANT
		STREET LIGHT
		WATER MAIN VALVE VAULT
		POWER POLE
		POWER POLE WITH LIGHT
		GAS VALVE
		WATER MAIN VALVE BOX
		WATER SERVICE BOX
		TREE
	 RM	REMOVE TREE
		WATER METER
		SANITARY SEWER
		STORM SEWER
		WATER MAIN
		REMOVE STORM SEWER
		RETIRE STORM SEWER
		RETIRE WATER MAIN
		GAS MAIN
		ELECTRIC LINE
		FIBER-OPTIC LINE
		TELEPHONE LINE
R: 627.60 I: 620.35	R: 627.75 I: 620.50	RIM ELEVATION INVERT ELEVATION
R: 627.60 TOP: 620.35	R: 627.75 TOP: 620.50	RIM ELEVATION (WATER MAIN) TOP OF WATER MAIN
		ELEVATION
		CONCRETE PAVEMENT, SIDEWALK, OR DRIVEWAY
		HOT-MIX ASPHALT PAVEMENT
		CURB & GUTTER TO BE REMOVED AND REPLACED
	A	FRAMES AND LIDS TO BE ADJUSTED
	S	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
	RC	RECONSTRUCT EXISTING STRUCTURE
	1C	TYPE 1 FRAME W/CLOSED LID
	1P	TYPE 1 FRAME W/OPEN LID
 RM		REMOVE EXISTING STRUCTURE
 AB		ABANDON EXISTING STRUCTURE
	\$	EDGE OF PAVEMENT SUMMIT
643.90 x	632.25 x	GROUND ELEVATIONS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP
2	INDEX OF SHEETS, LEGEND OF SYMBOLS, HIGHWAY STANDARDS, AND HMA MIXTURE CHART
3-4	GENERAL NOTES
5	M.W.R.D.G.C. GENERAL NOTES
6-15	SUMMARY OF QUANTITIES
16-17	TYPICAL SECTIONS AND PAVEMENT CORES CHART
18-19	ALIGNMENT AND TIES
20-28	PAVING PLAN AND PROFILE
29-32	BORING LOGS
33	ROADWAY DETAILS
34	DETOUR MAP
35-40	MAINTENANCE OF TRAFFIC PLAN
41-42	EROSION CONTROL PLAN AND SWPPP
43-50	UTILITIES PLAN AND PROFILE
51-53	A.D.A. RAMP DETAILS
54-56	DRAINAGE AND UTILITIES DETAILS
57	ROUTE OUTLET MAP
58	SIGNING PLAN LEGEND AND NOTES
59-62	PAVEMENT MARKING AND SIGNING PLAN
63-69	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-01)
70-71	TRAFFIC SIGNAL REMOVAL PLAN
72-79	TRAFFIC SIGNAL PLANS - IL-64 (NORTH AVE) AT GEORGE ST
80-81	STREET LIGHTING PLAN
82-83	STREET LIGHTING WIRING PLAN
84-95	IDOT DISTRICT ONE DETAILS
96-98	STATION CROSS SECTIONS

HIGHWAY STANDARDS DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION	STANDARD NO.	TITLE OR DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL TURN LANE
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
424006-06	DIAGONAL CURB RAMPS	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
424011-05	CORNER PARALLEL CURB RAMPS	701901-11	TRAFFIC CONTROL DEVICES
424016-06	MID BLOCK CURB RAMPS FOR SIDEWALKS	704001-08	TEMPORARY CONCRETE BARRIER
424021-07	DEPRESSED CURB	720001-01	SIGN PANEL MOUNTING DETAILS
424026-04	ENTRANCE ALLEY PEDESTRIAN CROSSINGS	720006-04	SIGN PANEL ERECTION DETAILS
442201-04	CLASS_PATCHES	720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	729001-01	APPLICATIONS OF TYPES A&B METAL POSTS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24"(600MM) FROM PAVEMENT EDGE	780001-05	TYPICAL PAVEMENT MARKINGS
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY	782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE	805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	814001-03	HANDHOLES
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY	814006-03	DOUBLE HANDHOLES
		821101-03	LUMINATING WIRING IN POLE
		873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
		878001-11	CONCRETE FOUNDATION DETAILS
		880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

DISTRICT ONE DETAILS

FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)

BUTT JOINTS AND HMA TAPER DETAILS (BD-32)

LIGHT CONTROLLER, PEDESTRIAN MOUNT (BE-210) LIGHT

POLE FOUNDATION, METAL (BE-305)

ALUMINUM LIGHT POLE 30; MOUNTING HEIGHT (BE-403)

LUMINAIRE SAFETY CABLE ASSEMBLY (BE-701)

MISCELLANEOUS ELECTRICAL DETAILS, SHEET A (BE-702)

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)

DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)

ARTERIAL ROAD INFORMATION SIGN (TC-22)

DRIVEWAY ENTRANCE SIGNING (TC-26)

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS

ITEM	AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0)	4% @ 70 GYR	LR1030-2
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1½"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2½"	4% @ 50 GYR	LR1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 3" (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
TEMPORARY SIDEWALK		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50	4% @ 50 GYR	LR1030-2

QMP DESIGNATION - QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES = 112 LBS/SQYD/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 BY RECLAIMED MATERIAL SPECIFICATION



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DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
CHECKED -	ELS	REVISED -	
DATE -	6-11-26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LEGEND OF SYMBOLS, HIGHWAY
STANDARDS, AND HMA MIXTURE CHART

SCALE: -	SHEET NO. 1 OF 1 SHEETS	STA. -	TO STA. -
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	2
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_By_Village\Melrose Park\60025231 - George Street - Phase II\General Notes.dwg Aug 10, 2026 - 3:01pm

GENERAL NOTES

1. SSRBC - ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE “STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION”, ADOPTED JANUARY 1, 2022; THE “SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS”, ADOPTED JANUARY 1, 2026; THE LATEST EDITION OF THE “ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS”, (ILMUTCD); “THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS”, JULY 2020, EIGHT EDITION.
2. UTILITIES - BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
3. THE LOCATIONS OF THE UNDERGROUND UTILITIES IF SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF MELROSE PARK, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. INCIDENTAL EXCAVATION - DURING THE REMOVAL OF CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, OR PAVEMENT, THE CONTRACTOR SHALL EXCAVATE AS NECESSARY SO THAT THE REQUIRED THICKNESS OF PROPOSED CONCRETE, INCLUDING BEDDING CAN BE CONSTRUCTED. THE EXCAVATED MATERIAL, AS WELL AS THE BROKEN CONCRETE, SHALL BE DISPOSED OF OFF THE JOB SITE AT A DUMP TO BE FOUND BY THE CONTRACTOR. A LOW SUB-GRADE MAY BE BROUGHT TO THE PROPER ELEVATION WITH CRUSHED STONE MEETING A CA-6 GRADATION AS APPROVED BY THE ENGINEER.
5. GARBAGE AND EMERGENCY VEHICLES - THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS FOR EMERGENCY VEHICLES AND GARBAGE TRUCKS AT ALL TIMES. IF THE GARBAGE TRUCKS ARE NOT ABLE TO HAVE ACCESS TO ALL OF THE PROPERTIES WITHIN THE PROJECT LIMITS, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING ANY GARBAGE THAT IS AFFECTED IN A LOCATION WHERE THE GARBAGE TRUCKS CAN PICK IT UP. THE CONTRACTOR SHALL ALSO BE REQUIRED TO RETURN THE GARBAGE CANS OR DUMPSTER TO THE PARKWAY OF THE RESPECTIVE PROPERTY BY THE END OF THE DAY.
6. SAW-CUTTING - THIS WORK SHALL BE DONE WHERE ANY NEW PAVEMENT, CURB AND GUTTER, FRAMES AND GRATES, STRUCTURES, SIDEWALKS, OR DRIVEWAYS ABUT EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALKS, OR DRIVEWAYS OR AS DIRECTED BY THE ENGINEER.
7. FRAMES AND LIDS TO BE ADJUSTED AS PART OF THE CONTRACT SHALL BE SAW CUT PRIOR TO BREAKING PAVEMENT AROUND THEM TO COMPLETE THE ADJUSTMENT.
8. ITEMS TO BE SALVAGED - ALL FRAMES AND LIDS, WATER VALVES, VALVE BOXES, AND FIRE HYDRANTS WHICH ARE TO BE ABANDONED DUE TO THE CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MELROSE PARK. THE CONTRACTOR IS TO DELIVER THE ITEMS TO BE SALVAGED TO THE VILLAGE OF MELROSE PARK PUBLIC WORKS YARD.
9. LINES AND GRADES - ALL WORK UNDER THIS CONTRACT SHALL BE BUILT IN ACCORDANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS AND AS GIVEN BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE MATERIALS, SUCH AS STAKES, PAINT, AND GIVE SUCH ASSISTANCE AS MAY BE REQUIRED FOR SETTING LINE AND GRADE BOARDS, AND STAKES OR MARKS SO GIVEN SHALL BE CAREFULLY PRESERVED. THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED A REASONABLE TIME IN ADVANCE, AT LEAST FORTY-EIGHT (48) HOURS, AS TO HIS NEED FOR ADDITIONAL GRADES AND LINES IN ORDER THAT THE SAME MAY BE FURNISHED AND ALL NECESSARY MEASUREMENTS MADE FOR RECORD AND PAYMENT WITH THE MINIMUM OF INCONVENIENCE TO THE ENGINEER OR OF DELAY TO THE CONTRACTOR.
- 10.MAINTENANCE OF WORK SITE - THE CONTRACTOR SHALL KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE, AND SHALL REMOVE SAME FROM ANY PORTION OF THE SITE, IF, IN THE OPINION OF THE ENGINEER, SUCH MATERIAL, DEBRIS, OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE IN ANY WAY TO THE PUBLIC. THE CONTRACTOR SHALL REMOVE ALL MACHINERY, MATERIALS, BARRICADES, STAGING, FALSE-WORK, DEBRIS AND RUBBISH CONNECTED WITH, OR CAUSED BY SAID WORK, IMMEDIATELY UPON THE COMPLETION OF THE SAME AND SHALL CLEAN ALL STRUCTURES AND WORK CONSTRUCTED UNDER THE CONTRACT TO THE SATISFACTION OF THE ENGINEER AND LEAVE THE PREMISES IN AN APPROVED CONDITION INSOFAR AS AFFECTED BY THE WORK UNDER THIS CONTRACT.
- 11.WHEN DURING THE CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS AND DRAINAGE STRUCTURE SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS DUE TO CONSTRUCTION OPERATIONS.
- 12.TREE BRANCHES AND ROOTS SHALL NOT BE CUT EXCEPT BY PERMISSION OF THE ENGINEER. ALL CUTTING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER. SHRUBS AND BUSHES, WHICH LIE WITHIN THE CONSTRUCTION ACTIVITY, MAY BE DUG UP, TEMPORARILY MOVED, AND REPLANTED IN THEIR ORIGINAL LOCATIONS IF PERMITTED BY THE ENGINEER. IF THE PLANTS ARE DAMAGED OR DO NOT SATISFACTORILY GROW AFTER REPLANTING, THEY SHALL BE REPLACED BY THE CONTRACTOR, WITH PLANTS OF SAME KIND AND SIZE.
- 13.UNSUITABLE MATERIAL - IF MATERIAL IS FOUND WHICH IN THE OPINION OF THE ENGINEER IS UNSUITABLE AS A SUB BASE, IT SHALL BE REMOVED AND A MATERIAL SELECTED BY THE ENGINEER SHALL BE INSTALLED AND COMPACTED.

- 14.MISCELLANEOUS ADJUSTMENTS - THE ADJUSTMENT OF ANY PUBLIC UTILITY VALVE BOXES OR STRUCTURES WITHIN THE PROJECT LIMITS SHALL BE DONE BY PERSONNEL OF THE RESPECTIVE PUBLIC UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY OF THE REQUIRED WORK AND COORDINATING THESE ACTIVITIES WITH HIS OWN SCHEDULE OF CONSTRUCTION. THIS SHALL NOT APPLY TO VILLAGE BUFFALO BOXES, VALVE BOXES OF VILLAGE OWNED FRAMES
- 15.VILLAGE WATER USAGE - THE VILLAGE REQUIRES THE USE OF A WATER METER FOR ALL CONTRACTORS THAT NEED ACCESS TO A VILLAGE FIRE HYDRANT. THE WATER METERS ARE AVAILABLE AT THE VILLAGE OF MELROSE PARK PUBLIC WORKS BUILDING. THE CONTRACTOR WILL BE REQUIRED TO PLACE A DEPOSIT PRIOR TO BEING ISSUED A WATER METER. THE DEPOSIT IS REFUNDABLE, UPON THE RETURN OF THE WATER METER, IN ITS ORIGINAL CONDITION.
- 16.IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE AN APPROVED HYDRANT OPERATING WRENCH WHEN OPENING AND CLOSING ANY FIRE HYDRANTS. THE USE OF A PIPE WRENCH IS NOT ALLOWED
IF THE CONTRACTOR IS OBSERVED TAKING WATER FROM THE VILLAGE'S WATER SYSTEM WITHOUT A WATER METER OR WRITTEN PERMISSION FROM THE PUBLIC WORKS DIRECTOR TO DO SO, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN WATER FROM A DIFFERENT SOURCE AT HIS OWN EXPENSE.
- 17.VILLAGE STREET SIGNS ON POSTS - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE, STORE IN A PROTECTED LOCATION, AND THEN RESET ALL STREET SIGNS ON POSTS ENCOUNTERED WITHIN THE BOUNDARIES OF THIS PROJECT. THE CONTRACTOR SHALL ALSO BAG ANY REGULATORY SIGNS THAT WILL NOT BE IN EFFECT DURING CONSTRUCTION AND PROVIDE TEMPORARY SIGNAGE FOR ANY ADJUSTMENT TO EXISTING TRAFFIC PATTERNS.
- 18.NOTIFICATION OF RESIDENTS - THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS FORTY-EIGHT (48) HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION ACTIVITY THAT WILL AFFECT ACCESS TO THEIR PROPERTY AND AN ADDITIONAL NOTICE TWENTY-FOUR (24) HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION ACTIVITY ON THEIR RESPECTIVE SECTION OF ROADWAY. ALL NOTICES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE.
19. THE CONTRACTOR SHALL NOTIFY THE IDOT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV
20. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
21. ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

CONCRETE GENERAL NOTES

1. FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS, AND GUTTER FLAGS - A 2” X 6” BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS TO BE INSTALLED FIVE INCHES (5”) IN THICKNESS. A 2” X 8” BOARD WILL BE USED AS A FORM FOR ALL DRIVEWAYS TO BE INSTALLED SEVEN INCHES (7”) IN THICKNESS. A 2” X 12” BOARD WILL BE USED AS THE FORM FOR THE FACE OF THE GUTTER FLAGS. NO METAL FORMS WILL BE ALLOWED EXCEPT. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.
2. PROTECTION OF NEWLY POURED CONCRETE - ALL CONCRETE CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR TO PREVENT ACCIDENTAL OR PRE-MEDITATED DAMAGE. SUPERVISION OF FRESHLY POURED AREAS SHALL BE PROVIDED UNTIL THE MATERIAL HAS ADEQUATELY CURED. THE CONTRACTOR SHALL KEEP EMPLOYEES AT THE JOB SITE AFTER THE CONCRETE HAS BEEN POURED UNTIL IT HAS CURED SUFFICIENTLY SO THAT GRAFFITI CAN NOT BE INSCRIBED IN THE NEWLY POURED CONCRETE SURFACES. ANY CONCRETE ITEMS THAT ARE DEFACED SHALL BE REPLACED BY THE CONTRACTOR.
3. BITUMINOUS EXPANSION JOINTS - THREE-QUARTER INCH (3/4”) NOMAFLEX EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN SEVENTY-FIVE FEET (75') INTERVALS AT LOCATIONS WHERE SIDEWALK REPLACEMENT IS IN EXCESS OF SEVENTY-FIVE FEET (75'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
4. EXPANSION JOINTS WILL BE PLACED IN CURB AND GUTTER AT ALL RADIUS POINTS, ALL BEND POINTS, ON BOTH SIDES OF FRAMES AND GRATES THAT ARE IN THE CURB AND GUTTER, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.
5. ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4”) DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18”) IN LENGTH, WITH PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY.
6. SIDEWALK AND CURB AND GUTTER REPLACEMENT - LOCATIONS OF SIDEWALK AND CURB AND GUTTER REPLACEMENT ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION.
7. DEPRESSED CURBS - THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED AT HANDICAP ACCESSIBLE SIDEWALK RAMPS AT ALLEY RETURNS AND STREET INTERSECTIONS, AND FOR PRIVATE AND COMMERCIAL DRIVES AND AS DIRECTED BY THE ENGINEER
8. DRAINAGE OPENINGS - AT ALL LOCATIONS WHERE CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 3/4" EXPANSION JOINT SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5 FT. FROM EACH SIDE OF THE CASTING. 2-NO. 4 RE-BARS, 9' IN LENGTH, SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF CONCRETE CURB BEHIND THE CASTING.
9. SLIPFORM CONSTRUCTION - VERTICAL FACES MAY BE BATTERED AT THE RATE OF 3/4" PER FOOT OF HEIGHT TO AID IN SLIPFORM OPERATIONS. THE PROPOSED CURB HEIGHT IS VARIABLE.
- 10.DEPRESSED CURB HEIGHT - THE HEIGHT OF THE DEPRESSED CURB SHALL BE 1-1/2" AT DRIVEWAYS. SEE IDOT STANDARD 424001-12 FOR HEIGHT AT SIDEWALK RAMP.

THE EDWIN HANCOCK ENGINEERING COMPANY AND THE VILLAGE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION ACTIVITY.



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CHECKED -	ELS	REVISED -
DATE -	6-11-26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: - SHEET NO. 1 OF 2 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	3
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SEWER AND WATER GENERAL NOTES

1. INSPECTION OF PIPE AND ACCESSORIES - ALL FOREIGN MATTER OR DIRT SHALL BE INSPECTED FOR DEFECTS PRIOR TO LOWERING INTO POSITION IN THE TRENCH. PIPE SHALL BE KEPT CLEAN BY MEANS APPROVED BY THE ENGINEER DURING AND AFTER LAYING.
2. TRENCH EXCAVATION - THE TRENCH SHALL BE DUG TO THE REQUIRED ALIGNMENT AND DEPTH SHOWN ON THE DRAWINGS OR AS SUBSEQUENTLY APPROVED IN WRITING BY THE ENGINEER, AND ONLY SO FAR IN ADVANCE OF PIPE LAYING AS PERMITTED BY THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO HANDLE EXCAVATED MATERIAL CAREFULLY TO MINIMIZE THE ACCUMULATION ON EXISTING PAVED SURFACES. WHEREVER POSSIBLE THE EXCAVATED MATERIAL SHOULD BE DIRECTLY LOADED INTO A WAITING TRUCK FOR DIRECT DISPOSAL.
3. EXCAVATION NEAR EXISTING STRUCTURES - ALL EXISTING PIPES, CONDUITS, CABLES, POLES, PAVEMENTS, AND OTHER STRUCTURES NOT DESIGNATED TO BE REMOVED BY THE CONTRACT DOCUMENTS ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. THE TEMPORARY SUPPORT, PROTECTION, AND MAINTENANCE OF THE STRUCTURES, SHALL BE FURNISHED BY THE CONTRACTOR AT HIS OWN EXPENSE. WHERE THE GRADE OR ALIGNMENT OF THE PIPE IS OBSTRUCTED BY EXISTING UTILITY STRUCTURES SUCH AS CONDUITS, DUCTS, PIPES, BRANCH CONNECTIONS TO MAIN SEWERS, OR MAIN DRAINS, THE OBSTRUCTION SHALL BE PERMANENTLY SUPPORTED, RELOCATED, REMOVED, OR RECONSTRUCTED BY THE CONTRACTOR IN COOPERATION WITH THE OWNERS OF SUCH UTILITY STRUCTURES. WHENEVER NECESSARY TO DETERMINE THE LOCATION OF EXISTING UNDERGROUND UTILITY STRUCTURES, THE CONTRACTOR, AFTER AN EXAMINATION OF AVAILABLE RECORDS, SHALL MAKE ALL EXPLORATIONS AND EXCAVATIONS FOR SUCH PURPOSE AS MAY BE DIRECTED BY THE ENGINEER.
4. CUTTING PIPE - ALL PIPES SHALL BE CUT TO ITS REQUIRED LENGTH IN THE FIELD BY A POWERED MECHANICAL ROTARY SAW AND THE EXPOSED END GROUND BY A MECHANICAL GRINDING TOOL TO A SMOOTH BEVELED FINISH.
5. CONTROL OF SEWER FLOWS - IN AREAS WHERE SECTIONS OF SEWER ARE TO BE REPLACED, THE CONTRACTOR SHALL TAKE CARE TO MANAGE FLOWS CARRIED BY THE PIPELINE, WITHOUT RISK TO THE PROJECT AS TO PUBLIC HEALTH AND SAFETY.
6. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AS TO MAINTAIN AT ALL TIMES FLOW THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. THEY SHALL ALSO PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS.
7. TRENCH BACKFILL SHALL BE COMPLETED ACCORDING TO 550.07 (A) METHOD 1. METHODS B AND C "JETTING" WILL NOT BE ALLOWED.
8. EXPLORATORY EXCAVATION - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ELEVATION OF EXISTING WATER MAINS, GAS MAINS, TELEPHONE DUCTS, AND OTHER PUBLIC UTILITIES WHICH ARE TO BE CROSSED WITH THE PROPOSED SEWER A SUFFICIENT LENGTH AHEAD OF PIPE LAYING OPERATIONS SO THAT THE PROPOSED SEWER MAIN CAN BE INSTALLED AT AN ELEVATION WHICH WILL AVOID CONFLICTS WITH THE EXISTING UTILITIES WITHOUT REQUIRING THE USE OF BENDS AND/OR FITTINGS ON THE PROPOSED SEWER.
9. MATERIALS - THE CONTRACTOR SHALL VERIFY THE TYPE OF ALL SEWER PIPE MATERIALS AND WATER MAIN HARDWARE INCLUDING VALVES, FIRE HYDRANTS, VALVE BOXES, CORPORATION STOPS, CURB STOPS, AND WATER SERVICES BOXES WITH THE ENGINEER PRIOR TO ORDERING SUCH MATERIAL.

10.FRAMES AND LIDS - THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE. THE WORD "WATER", "SANITARY", OR "STORM" SHALL BE CAST INTO THE LID OF EACH RESPECTIVE MANHOLE OR VALVE VAULT.

DUCTILE IRON PIPE SPECIFICATIONS

- 11.ALL DUCTILE IRON PIPE WATER MAINS AND SEWER MAINS SHALL BE CLASS 52, CEMENT-LINED AND TAR-COATED, MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSI/AWWA C151/A21.51 WITH "PUSH-ON" JOINTS MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSI/AWWA C111/A21.11. WHERE SPECIFIED ON THE PLANS, OR IN THE SPECIFICATIONS, MECHANICAL JOINTS AND "LOCK-TYPE" JOINTS SHALL BE USED IN LIEU OF "PUSH-ON" JOINTS.
- 12.ALL PIPE FITTINGS AND SPECIAL CASTINGS SHALL BE DUCTILE IRON CONFORMING TO ANSI/AWWA C153/A21.53 AND ANSI/AWWA C111/A21.11 SPECIFICATIONS AND SHALL MEET THE MINIMUM REQUIREMENTS OF CLASS 150 DUCTILE IRON PIPE. IF CERTAIN FITTINGS ARE NOT MANUFACTURED IN DUCTILE IRON, CAST IRON FITTINGS SHALL BE ACCEPTABLE. MECHANICAL JOINT TYPE FITTINGS SHALL BE USED.
- 13.ALL PROPOSED DUCTILE IRON PIPE WATER MAIN AND SEWER MAIN WILL BE ENCASED WITHIN FOUR (4) MIL THICK, HIGH-DENSITY POLYETHYLENE TUBING. ALL FITTINGS SHALL BE ENCASED IN A DOUBLE-LAYER OF POLYETHYLENE TUBING. THE POLYETHYLENE MATERIAL SHALL BE MANUFACTURED AND INSTALLED IN COMPLIANCE WITH ANSI/AWWA C105/A21.5. ALL PROPOSED WATER AND SEWER SERVICES SHALL BE ENCASED IN POLYETHYLENE TUBING FOR A MINIMUM DISTANCE OF THREE FEET (3') FROM THE PROPOSED WATER MAIN AND SEWER MAIN.

14.POINT REPAIRS - FIGURES SHOWN SEWER REPAIRS INDICATED DISTANCES FROM MANHOLES.

- 15.THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, COMBINED SEWERS, TELEPHONE LINES, COMMUNICATION LINES, ELECTRIC LINES, GAS MAINS, AND WATER SERVICES ARE APPROXIMATE AND THEIR SPECIFIC LOCATIONS ARE TO BE DETERMINED IN THE FIELD.
- 16.COORDINATION OF ALL UTILITY WORK INVOLVED WITHIN THE CONSTRUCTION AREAS SHALL BE SUBJECT TO DISCUSSION AND CLARIFICATION AT A PRECONSTRUCTION MEETING.
- 17.WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINAGE STRUCTURES OR SEWERS UNTIL PERMANENT CONNECTIONS TO SEWERS ARE BUILT AND IN SERVICE.

ASPHALT GENERAL NOTES

1. THE PLACEMENT OF ALL HOT-MIX ASPHALT LAYERS SHALL BE PLACED IN NO MORE THAN TWO PASSES OF THE PAVING EQUIPMENT.
2. THE ASPHALT PAVING MACHINE SHALL HAVE A SCREED WITH A CLOSED PAVING WIDTH OF NOT LESS THAN TEN FEET (10').
3. THE INTERSECTION RETURNS SHALL BE PAVED AT THE SAME TIME AS THE MAINLINE PAVEMENT.
4. THE CONTRACTOR WILL BE REQUIRED TO CLOSE UP ALL STREETS IN THE SAME DAY. NO OPEN LONGITUDINAL JOINTS WILL BE LEFT OPEN OVERNIGHT.
5. THE LOCATION OF ALL TRANSVERSE COLD JOINTS LEFT BETWEEN DAYS OF PAVING SHALL BE APPROVED BY THE ENGINEER.
6. TACK COAT - PRIME COAT MUST BE INSTALLED NO EARLIER THAN TWENTY-FOUR (24) HOURS PRIOR TO PLACEMENT OF HOT-MIX ASPHALT. NOTICES SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES IMPACTING VEHICLE ACCESS A MINIMUM OF 24 HOURS PRIOR TO PLACEMENT OF TACK COAT.
7. MILLED BUTT JOINTS - WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H)
8. BUTT JOINT REMOVAL - BUTT JOINTS SHALL BE CUT NO MORE THAN 24 HOURS PRIOR TO FINAL SURFACE PAVING. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS.

LANDSCAPING GENERAL NOTES

1. ONCE CONCRETE IMPROVEMENTS ARE COMPLETED AND PRIOR TO FINAL SURFACE COURSE BEING PLACED, ALL LANDSCAPE AREAS ARE TO BE BACKFILLED AND HAVE TOPSOIL PLACED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY EXCAVATION AND GRADING OF THE PARKWAY WHICH IS REQUIRED TO GIVE A UNIFORM SLOPE FROM THE LIMIT OF SOD RESTORATION TO THE TOP OF THE CURB SHALL BE INCLUDED IN THIS CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WEED PREVENTION AND REMOVING ANY WEEDS PRIOR TO THE PLACEMENT OF THE SOD. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR MAINTENANCE OF WEEDS WITHIN NEWLY TOPSOILED AREAS. ONCE ANY WEEDS, AS DETERMINED BY THE ENGINEER, HAVE EXCEEDED SIX INCHES (6") IN HEIGHT, THEY SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE METHOD OF WEED CONTROL AND WEED REMOVAL MUST BE APPROVED BY THE ENGINEER.
3. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IN ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OF REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
4. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

ELECTRIC GENERAL NOTES

1. WHEN INSTALLATION OF STEEL CONDUIT IS REQUIRED WITHIN THE AREA OF ANY PROPOSED IMPROVEMENT, THE STEEL CONDUIT SHALL BE INSTALLED DURING THE EXCAVATION FOR THE PROPOSED IMPROVEMENT. NO DIRECTIONAL BORING BENEATH NEWLY COMPLETED PROPOSED IMPROVEMENT WILL BE ALLOWED.

COMMITMENTS

1. TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
- 2.THE RESIDENT ENGINEER IS TO PERFORM AN ADA INSPECTION TO ENSURE ALL FINAL RAMPS AND FACILITIES CONFORM TO PROWAG GUIDELINES.
- 3.IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE CANADIAN NATIONAL RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE CANADIAN NATIONAL RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: - SHEET NO. 2 OF 2 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	4
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DESIGNED -	RM
DRAWN -	GE, DMM, SA, LW, JCR
CHECKED -	ELS
DATE -	6-11-26

REVISED -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

M.W.R.D.G.C. GENERAL NOTES

SCALE: - SHEET NO. 1 OF 1 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	5
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

M.W.R.D.G.C. GENERAL NOTES

A. REFERENCED SPECIFICATIONS

- 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 MELROSE 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

- 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).
- THE VILLAGE OF MELROSE 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.
- 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 0 FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- 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.
- 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.
- 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.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- 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

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF 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.
- 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.
- 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.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM 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-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (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-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 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-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼ " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ 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.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- 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.
- 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 CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- 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.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- 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.
- 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.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- 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.
- 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

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - 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.
- 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.
- 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.
- 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.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- 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.
- 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.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- 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.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- 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.
- 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.
- THE CONTRCTOR 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.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- 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.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- 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.

Drawing file: W:\Projects_by_Village\Merose Park\60025231 - George Street - Phase II\SUMMARY OF QUANTITIES.dwg Aug 10, 2026 - 3:01pm

SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	40	40				
	20101100	TREE TRUNK PROTECTION	EACH	5	5				
*	20101200	TREE ROOT PRUNING	EACH	5	5				
	20200100	EARTH EXCAVATION	CU YD	260	260				
	20800150	TRENCH BACKFILL	CU YD	4,510	1,250				3,260
	21101610	TOPSOIL FURNISH AND PLACE, 3"	SQ YD	2,500	2,500				
	25000400	NITROGEN FERTILZER NUTRIENT	POUND	31	31				
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	31	31				
	25200100	SODDING	SQ YD	2,500	2,500				
	25200200	SUPPLEMENTAL WATERING	UNIT	100	100				
	28000510	INLET FILTERS	EACH	35	35				
	35300300	PORTLAND CEMENT CONCRETE BASE COURSE, 8"	SQ YD	640	640				
	35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	240	240				
	35800100	PREPARATION OF BASE	SQ YD	13,200	13,200				
	35800200	AGGREGATE BASE REPAIR	TON	200	200				
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9,000	9,000				

* SPECIALTY ITEM



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CHECKED -	ELS	REVISED -
DATE -	6-11-26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: - SHEET NO. 1 OF 10 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	6
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Merose Park\60025231 - Phase II\SUMMARY OF QUANTITIES.dwg Aug 10, 2026 - 3:01pm

SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
	40600982	HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT	SQ YD	300	300				
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,900	1,900				
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,200	1,200				
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	450	450				
	42001300	PROTECTIVE COAT	SQ YD	3,900	3,900				
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	960	960				
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,800	10,800				
	42400800	DETECTABLE WARNINGS	SQ FT	120	120				
	44000100	PAVEMENT REMOVAL	SQ YD	515	515				
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	12,685	12,685				
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	900	900				
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7,800	7,800				
	44000600	SIDEWALK REMOVAL	SQ FT	4,400	4,400				
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	20	20				
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	100	100				
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	200	200				

* SPECIALTY ITEM



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CHECKED - ELS

DATE - 6-11-26

REVISED -

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REVISED -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: -

SHEET NO. 2 OF 10 SHEETS

STA. -

TO STA. -

FAU RTE. 1672

SECTION 24-00145-00-CH

COUNTY COOK

TOTAL SHEETS 98

SHEET NO. 7

FIELD BOOK NO. : -

FED. ROAD DIST. NO. 1 ILLINOIS

CONTRACT NO. 61M63

FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

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SUMMARY OF QUANTITIES										
						Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban	
*	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	5,200	1,900				3300	
*	56104900	WATER VALVES 6"	EACH	3					3	
*	56105000	WATER VALVES 8"	EACH	9					9	
*	56105200	WATER VALVES 12"	EACH	11					11	
*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	8					8	
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	13					13	
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3					
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2					
	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10					10	
	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11					11	
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2					
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	4	4					

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: - SHEET NO. 3 OF 10 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	8
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Merose Park\60025231 - Phase II\SUMMARY OF QUANTITIES.dwg Aug 10, 2026 - 3:01pm

SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	30	30				
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	15	15				
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	15	15				
	60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	6,100	6,100				
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	50	50				
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1				
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	60	60				
	67100100	MOBILIZATION	L SUM	1	1				
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,200	10,200				
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,366	3,366				
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	5,500	5,500				
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,500	2,500				
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,500	2,500				
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3				

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES										
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local	
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban	
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3					
*	72000100	SIGN PANEL - TYPE 1	SQ FT	200	200					
*	72900100	METAL POST - TYPE A	FOOT	275	275					
*	72900200	METAL POST - TYPE B	FOOT	215	215					
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150	150					
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,400	4,400					
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	320	320					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	920	920					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	170	170					
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	80	80					
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2"	FOOT	20			20			
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	10				10		
*	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3,400			3,400			
*	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3,400			3,400			
*	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50			50			
*	81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6	FOOT	3,400			3,400			

* SPECIALTY ITEM

SUMMARY OF QUANTITIES										
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local	
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban	
*	82110005	LUMINAIRE, LED, ROADWAY OUTPUT DESIGNATION E	EACH	25			25			
*	82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60 AMP	EACH	1			1			
*	83006200	LIGHT POLE ALUMINUM, 30 FT, M.H., 6 FT, MAST ARM	EACH	25			25			
*	83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	25			25			
*	83800506	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT OVER STAINLESS STEEL SCREEN	EACH	100			100			
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	20			20			
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	22			22			
*	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1			
*	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1			
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1		
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	131				131		
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	135				135		
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	138				138		
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	138				138		
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4				4		
*	87900200	DRILL EXISTING HANDHOLE	EACH	1				1		

* SPECIALTY ITEM

 Civil Engineers Municipal Consultants Established 1911 9938 Roosevelt Road Westchester, IL 60154-2780 Phone: 708-846-0900 www.ahancock.com	DESIGNED - RM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GE, DMM, SA, LW, JCR	REVISED -			1672	24-00145-00-CH	COOK	98	11
	CHECKED - ELS	REVISED -			FIELD BOOK NO. : -				
	DATE - 6-11-26	REVISED - 8-14-26			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: -	SHEET NO. 6 OF 10 SHEETS	STA. -	TO STA. -		

Drawing file: W:\projects_by_village\melrose park\60025231 - phase ii\SUMMARY OF QUANTITIES.dwg Aug 14, 2026 - 9:19am

E.H.E. PROJECT NO. 600-25-231

SUMMARY OF QUANTITIES										
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local	
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban	
*	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
*	89502200	MODIFY EXISTING CONTROLLER	EACH	2				2		
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	402				402		
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
*	89502376	REBUILD EXISTING HANDHOLE	EACH	1				1		
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2				2		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	940	940					
	550B0190	STORM SEWERS, CLASS B, TYPE 2, 48"	FOOT	12	12					
	550B0330	STORM SEWERS, CLASS B, TYPE 2 10"	FOOT	220	220					
	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	100	100					
	550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	40	40					
	550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	40	40					
	550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	170	170					
*	X0327094	VALVE BOX 6"	EACH	1	1					
	X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	310	310					
*	X1200230	PRESSURE TESTING AND DISINFECTION	L SUM	1					1	

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REVISED -

REVISED - 08/14/26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: -

SHEET NO. 7 OF 10 SHEETS

STA. - TO STA. -

FAU RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

1672

24-00145-00-CH

COOK

98

12

FIELD BOOK NO. : -

CONTRACT NO. 61M63

FED. ROAD DIST. NO. 1

ILLINOIS

FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

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E.H.E. PROJECT NO. 600-25-231

SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	25	25				
	X4240114	TEMPORARY SIDEWALK	SQ FT	9,000	9,000				
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	2,500	2,500				
	X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	1,200	1,200				
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	6,500					6,500
*	X5610778	PRESSURE CONNECTION 12" X 12"	EACH	1					1
*	X5611106	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 6"	FOOT	220					220
*	X5611108	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 8"	FOOT	250					250
*	X5611112	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 12"	FOOT	3,460					3,460
*	X6024132	REMOVE EXISTING VALVE AND VAULT	EACH	10					10
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	5					5
	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	1,200	1,200				
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	52				
	X7240300	SIGN REMOVAL	EACH	20	20				
*	X8000003	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12	12				

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
*	X8040106	ELECTRIC SERVICE INSTALLATION AND CONNECTION	L SUM	1	1				
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2				
*	XX001464	SANITARY SEWER, PVC, 6"	FOOT	140	140				
	XX005206	EXPLORATORY EXCAVATION	FOOT	240	240				
*	XX006227	RESTRAINED JOINT 8"	EACH	65	65				
*	XX006228	RESTRAINED JOINT 6"	EACH	50	50				
	XX006238	STORM SEWERS, DUCTILE IRON, 15"	FOOT	120	120				
	XX006281	STORM SEWERS, DUCTILE IRON, TYPE 1 10"	FOOT	40	40				
	XX006283	STORM SEWERS, DUCTILE IRON, TYPE 2 12"	FOOT	60	60				
	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	1				
*	XX008914	RESTRAINED JOINT 12"	EACH	180	180				
*	XX009639	VALVE BOX 8"	EACH	1					1
	XX009696	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	14	14				
	XX009698	RESTRICTED DEPTH MANHOLES, STORM, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4				
*	XX009767	WATER MAIN CONNECTION/DISCONNECTION (SHUTDOWN)	EACH	3					3
*	XX009768	INDUSTRIAL WATER MAIN 4"-8" CONNECTION/DISCONNECTION (SHUTDOWN)	EACH	12					12

* SPECIALTY ITEM



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SUMMARY OF QUANTITIES

SCALE: -

SHEET NO. 9 OF 10 SHEETS

STA. -

TO STA. -

FAU

RTE.

SECTION

24-00145-00-CH

COUNTY

COOK

TOTAL
SHEETS

98 14

FIELD BOOK NO. : -

CONTRACT NO. 61M63

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\projects_by_village\melrose park\60025231 - phase ii\SUMMARY OF QUANTITIES.dwg Aug 14, 2026 - 9:19am

SUMMARY OF QUANTITIES									
					Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
SPLTY	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	Resurfacing 0005 Urban	Trainees 0042	Lighting 0021	Traffic Signal 0021	Water Main 0043 Urban
*	XX009769	36" x 8" SEWER SERVICE CONNECTION	EACH	8	8				
*	XX009770	24"x 8" PVC SEWER SERVICE CONNECTION	EACH	4	4				
*	XX009771	UNIT DUCT, 600V, (XLP-TYPE USE), 1 1/2 DIA. POLYETHYLENE	FOOT	600			600		
	XX009772	RESTRICTED DEPTH MANHOLES, STORM, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
	XX009773	RESTRICTED DEPTH MANHOLES, STORM, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	20	20				
	Z0019600	DUST CONTROL WATERING	UNIT	80	80				
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
	Z0048900	RAILROAD TRACK REMOVAL	FOOT	60	60				
	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,800	3,800				
	Z0076600	TRAINEES	HOURL	500		500			
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500		500			

* SPECIALTY ITEM



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DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: -SHEET NO. 10 OF 10 SHEETSSTA. -TO STA. -

FAU RTE.1672

SECTION24-00145-00-CH

FIELD BOOK NO. : -

FED. ROAD DIST. NO. 1

COUNTYCOOK

TOTAL SHEETS98

SHEET NO.15

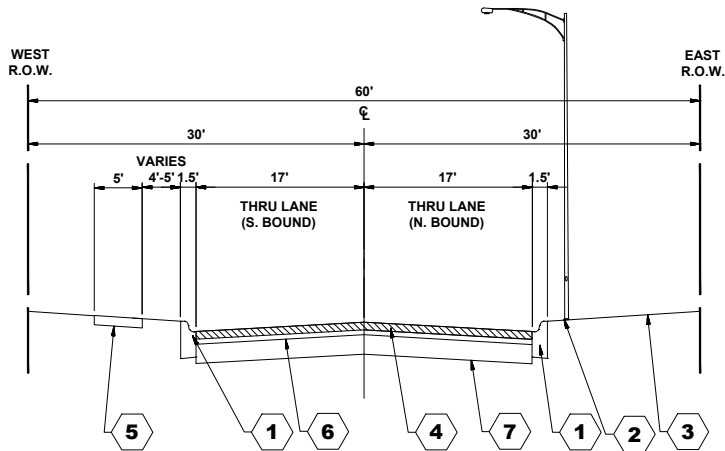
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CONTRACT NO. 61M63

FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

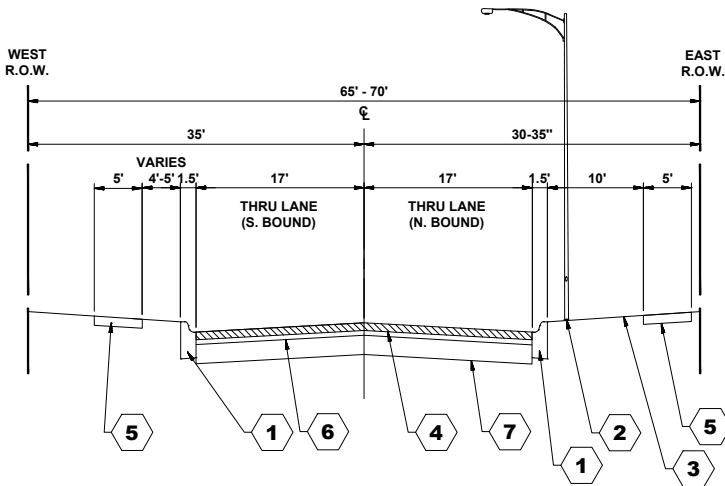
E.H.E. PROJECT NO. 600-25-231



EXISTING TYPICAL SECTION
GEORGE STREET
(STATION 1+40 TO STATION 12+00)

TYPICAL SECTION LEGEND

SYMBOL	EXISTING
1	COMBINATION CURB & GUTTER REMOVAL
2	EXISTING LIGHT POLE REMOVAL
3	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, DRIVEWAY, ASPHALT OR GRASS AS NOTED ON PLANS
4	HOT-MIX ASPHALT SURFACE REMOVAL (4" AND VARIES)
5	INTERMITTENT SIDEWALK REMOVAL
6	EXISTING HOT-MIX ASPHALT (5" - 6")
7	EXISTING AGGREGATE BASE (9"-15")



EXISTING TYPICAL SECTION
GEORGE STREET
(STATION 12+00 TO STATION 33+45)

Table 3.1.1 - Summary of Pavement Cores

Boring Number	Approximate Bituminous Pavement Thickness (inches)	Approximate Granular Base Course Thickness (inches)
SB-01	4	10
SB-02	4 3/8	9
SB-03	4 5/8	15
SB-04	5 1/4	9 1/2
SB-05	4 1/4	15 1/4
SB-06	5	16
SB-07	1 1/2	11
SB-08	5 1/2	11 1/2
SB-09	4 1/4	13 1/2
SB-10	6 3/8	12
SB-11	4 3/4	11 1/2
SB-12	5 1/2	11 1/2

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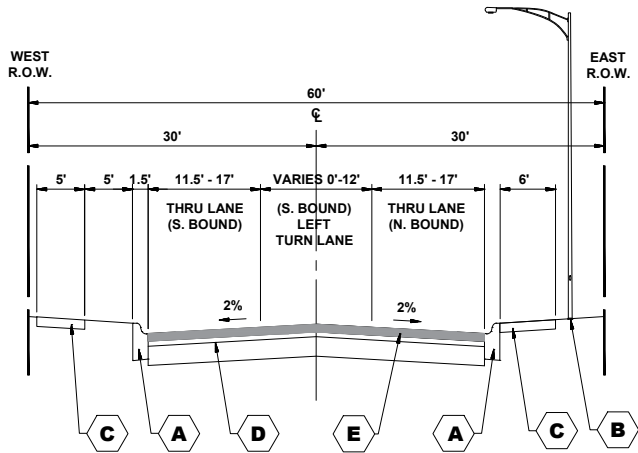
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GEORGE STREET
EXISTING TYPICAL SECTIONS AND PAVEMENT CORES
CHART

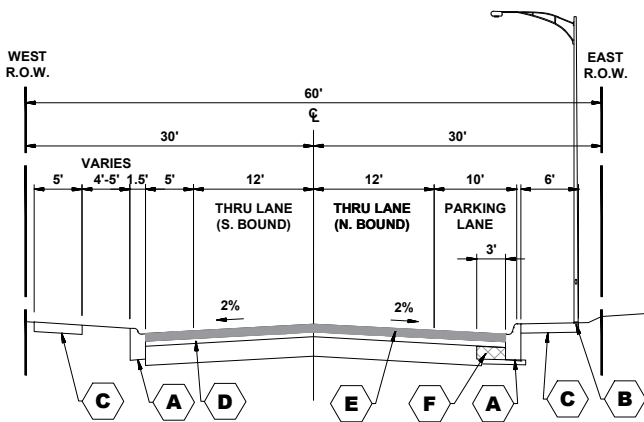
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. - TO STA. -

FAU RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH		COOK	98	16
FIELD BOOK NO. : -			CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			

E.H.E. PROJECT NO. 600-25-231



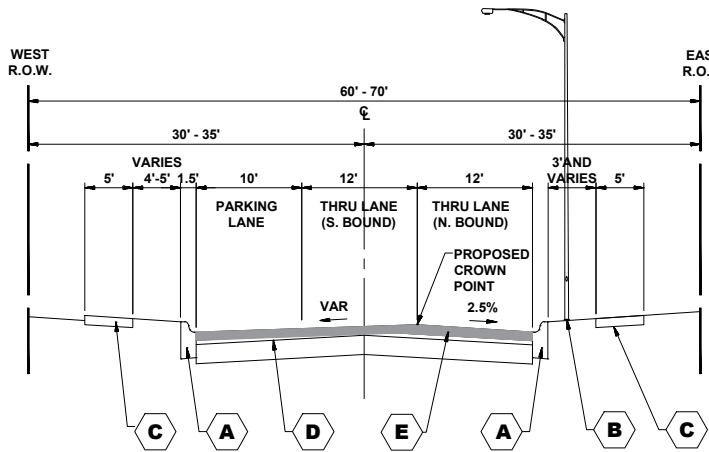
PROPOSED TYPICAL SECTION
GEORGE STREET
(STATION 1+40 TO STATION 5+50)



PROPOSED TYPICAL SECTION
GEORGE STREET
(STATION 5+50 TO STATION 12+00)

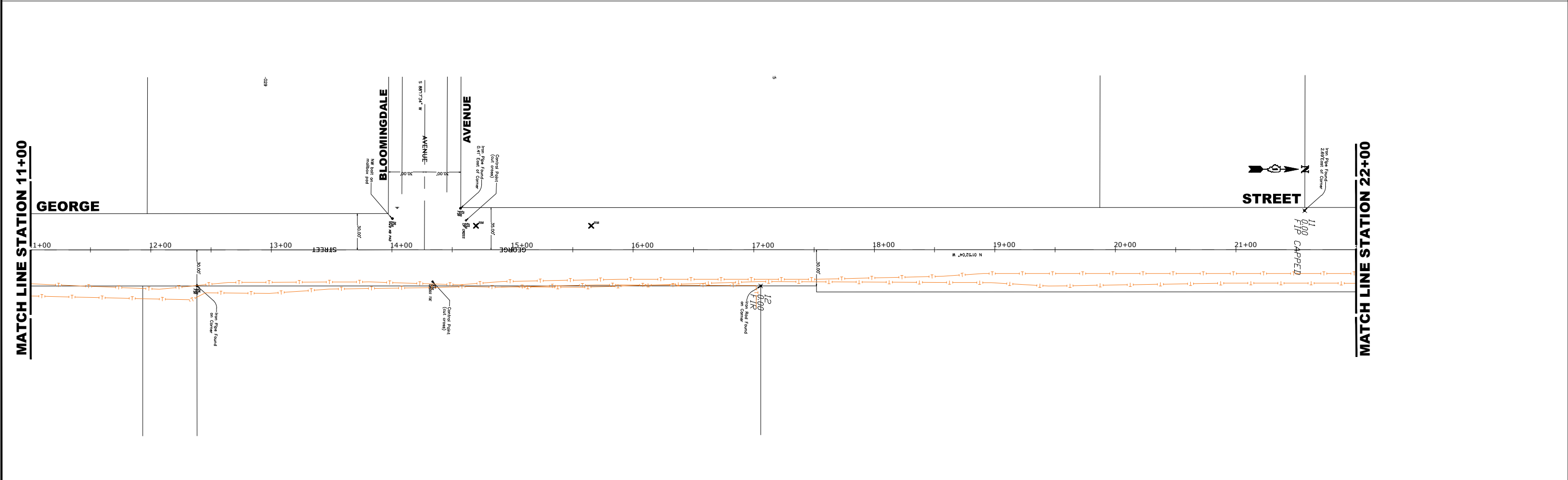
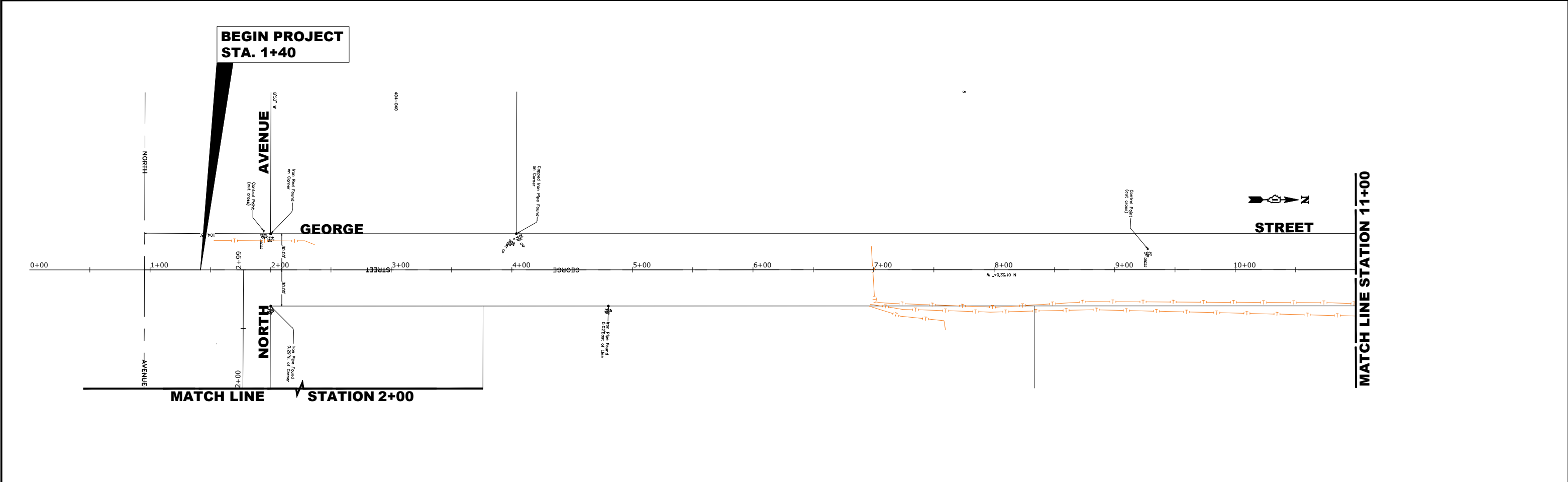
TYPICAL SECTION LEGEND

SYMBOL	PROPOSED
A	PROPOSED COMBINATION CONCRETE CURB & GUTTER B-6.12 (MODIFIED)
B	PROPOSED LIGHT POLE
C	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
D	PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"
E	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"
F	PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8"



PROPOSED TYPICAL SECTION
GEORGE STREET
(STATION 12+00 TO STATION 33+45)

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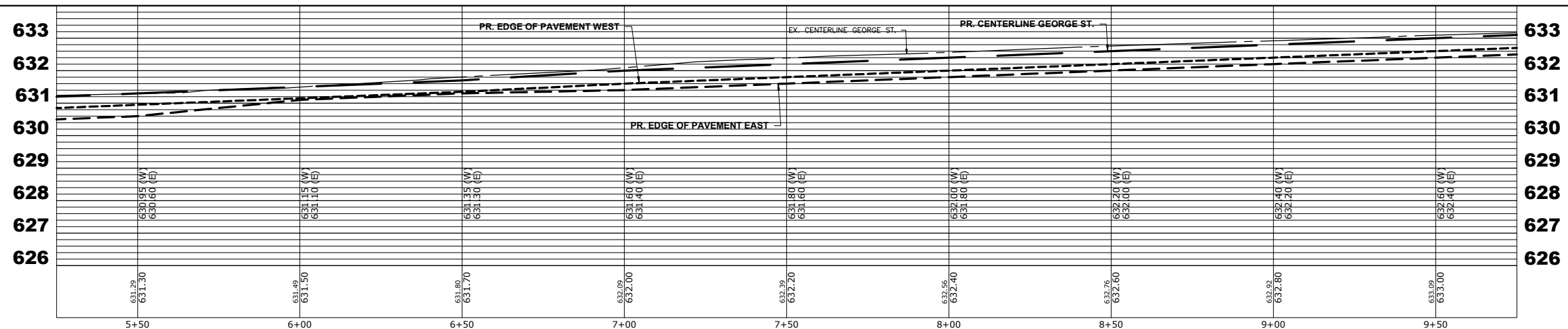
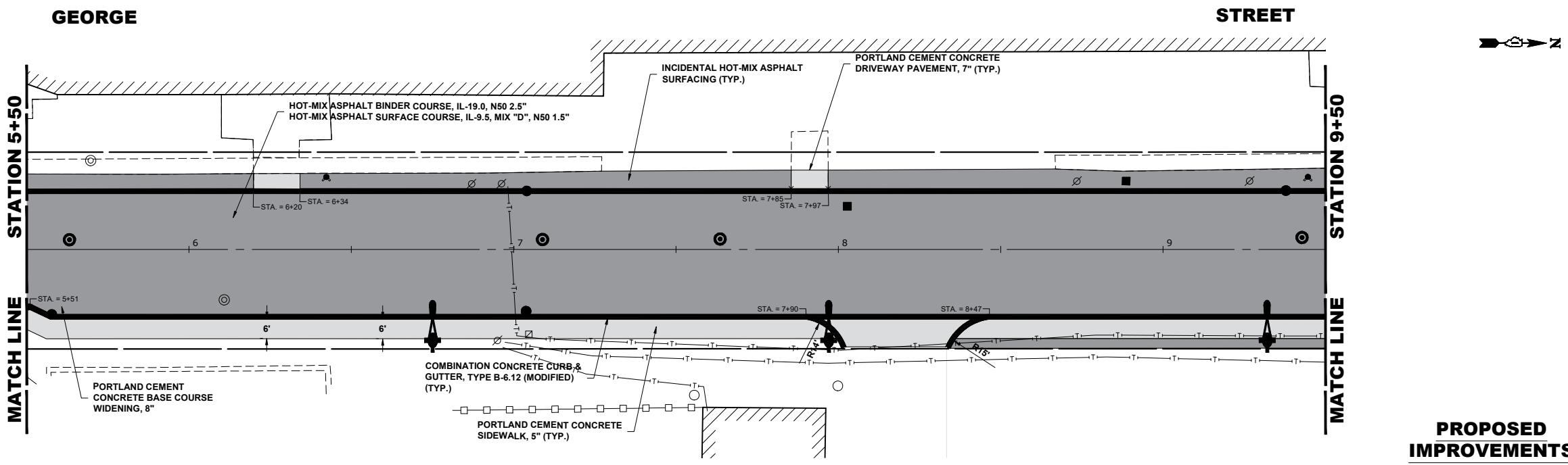
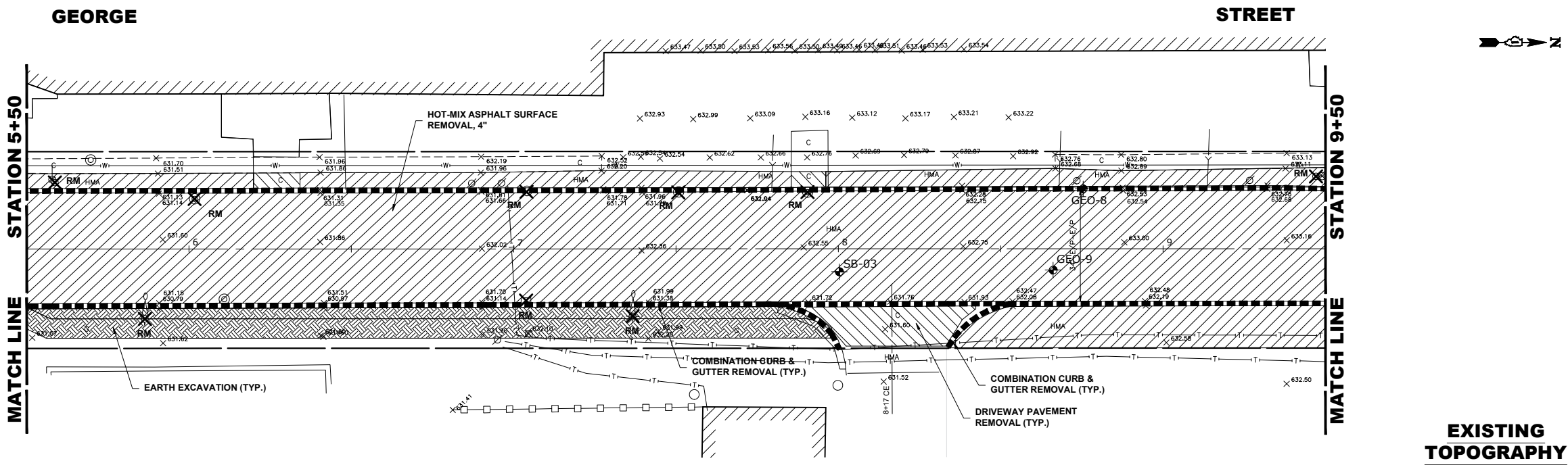
ALIGNMENT AND TIES

SCALE: 1"=40'	SHEET NO. 1 OF 2 SHEETS	STA. 0+00 TO STA. END
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	18
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Verose Park\60025231 - George Street - Phase II\SITE\George St Ph II Imports.dwg Aug 10, 2026 - 3:04pm



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GEORGE STREET
PAVING PLAN AND PROFILE SHEET

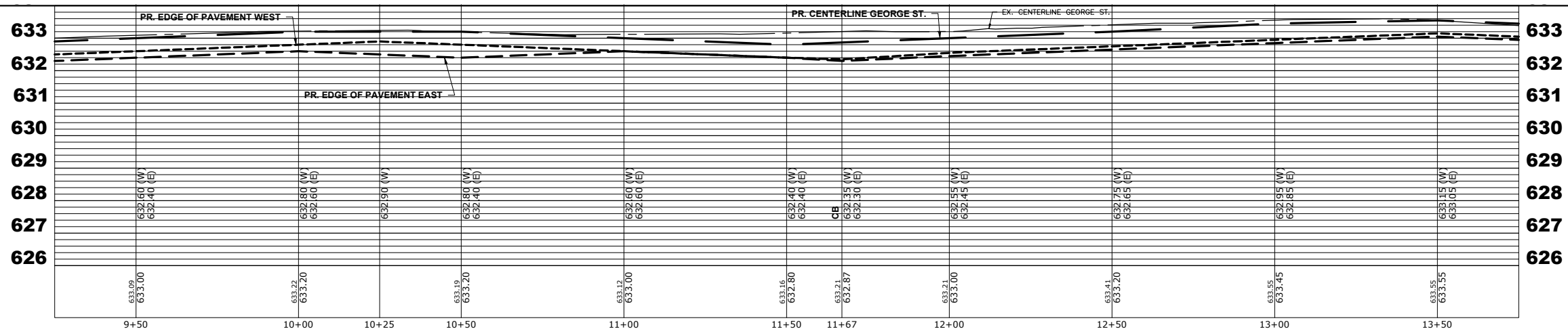
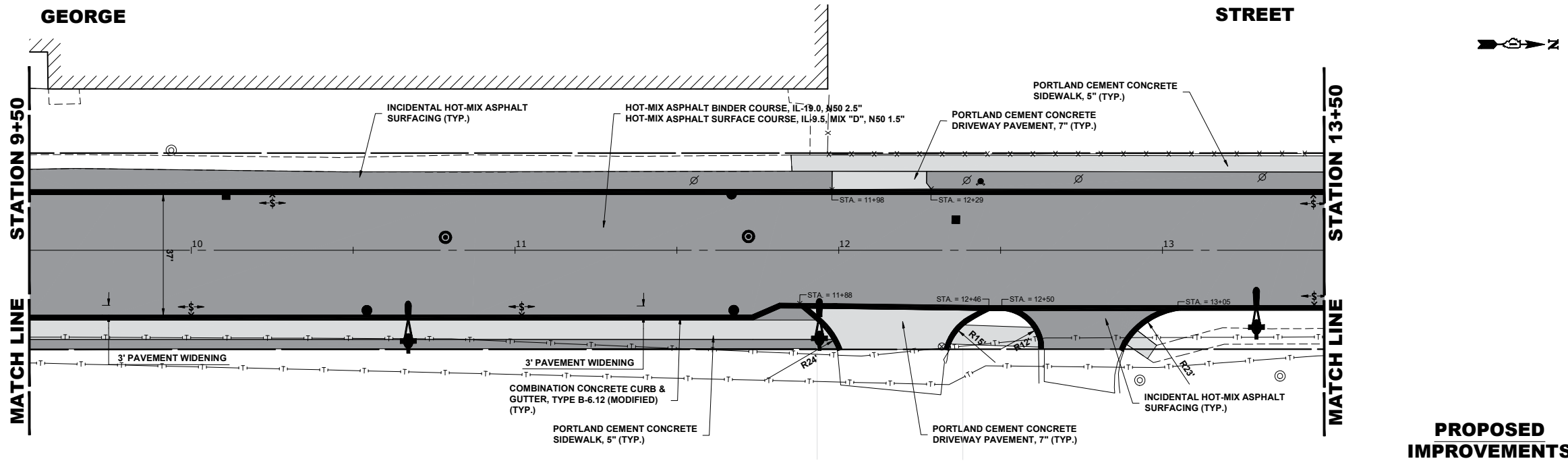
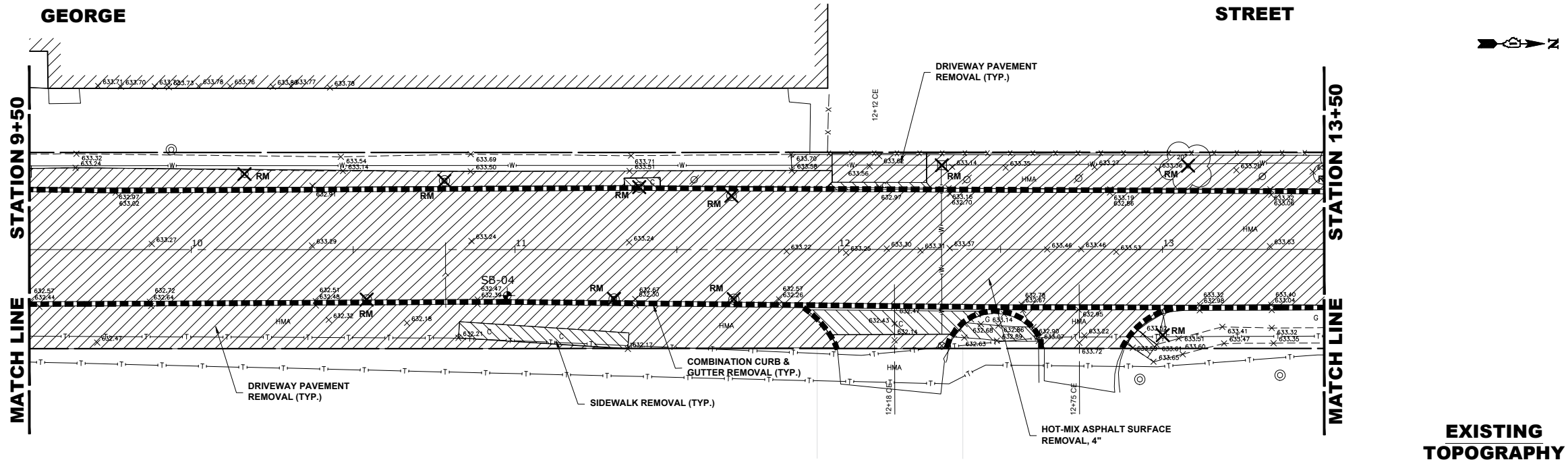
SCALE: H:1"=20', V:1"=2'

SHEET NO. 2 OF 9 SHEETS

STA. 5+50 TO STA. 9+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	21
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

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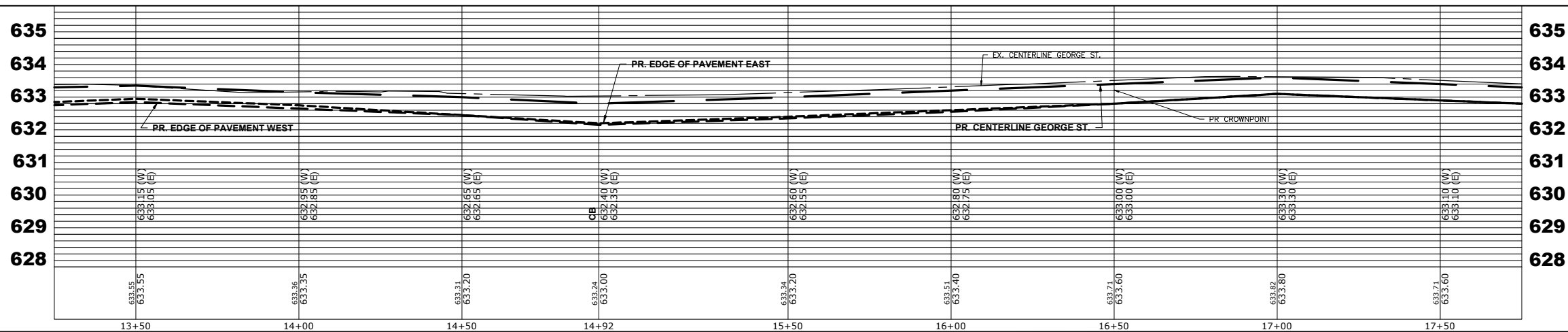
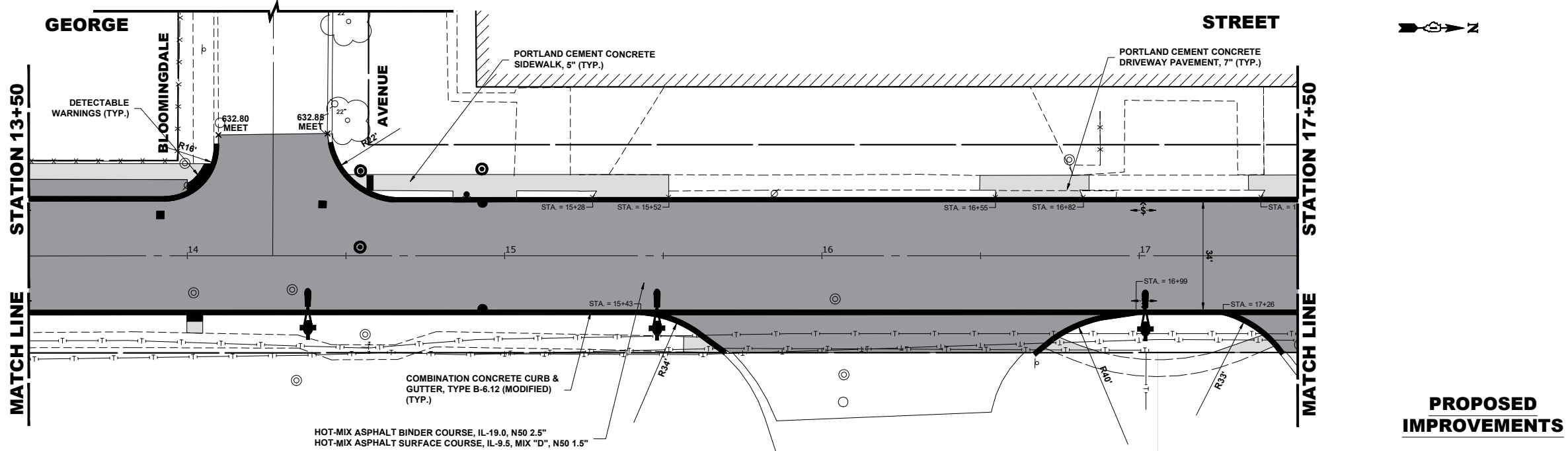
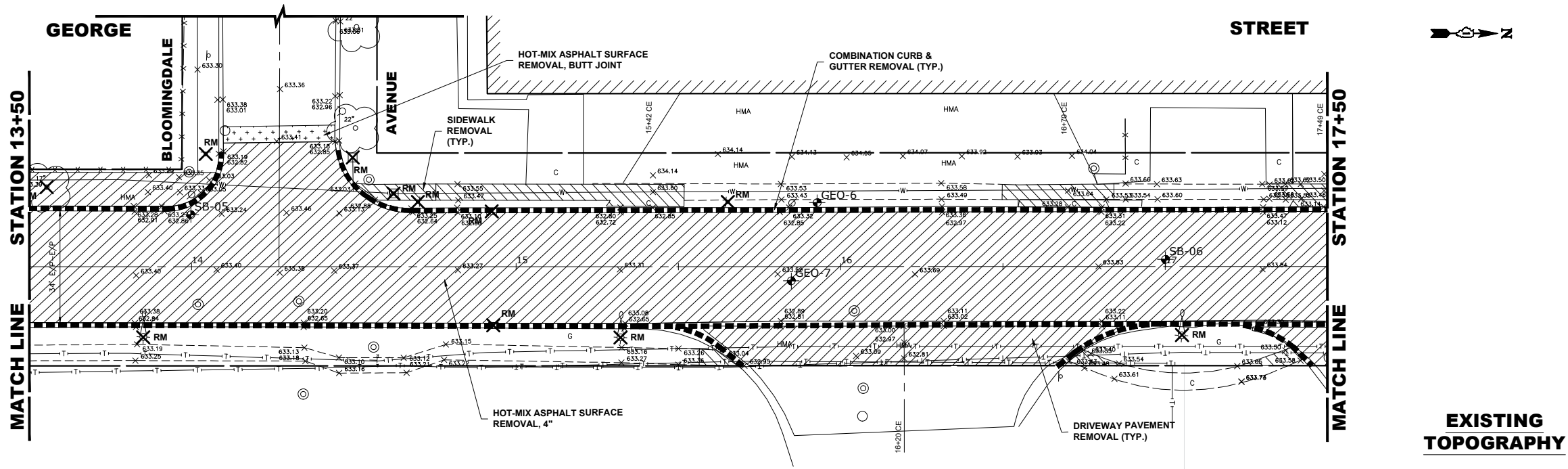
GEORGE STREET
PAVING PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=2' SHEET NO. 3 OF 9 SHEETS STA. 9+50 TO STA. 13+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	22
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

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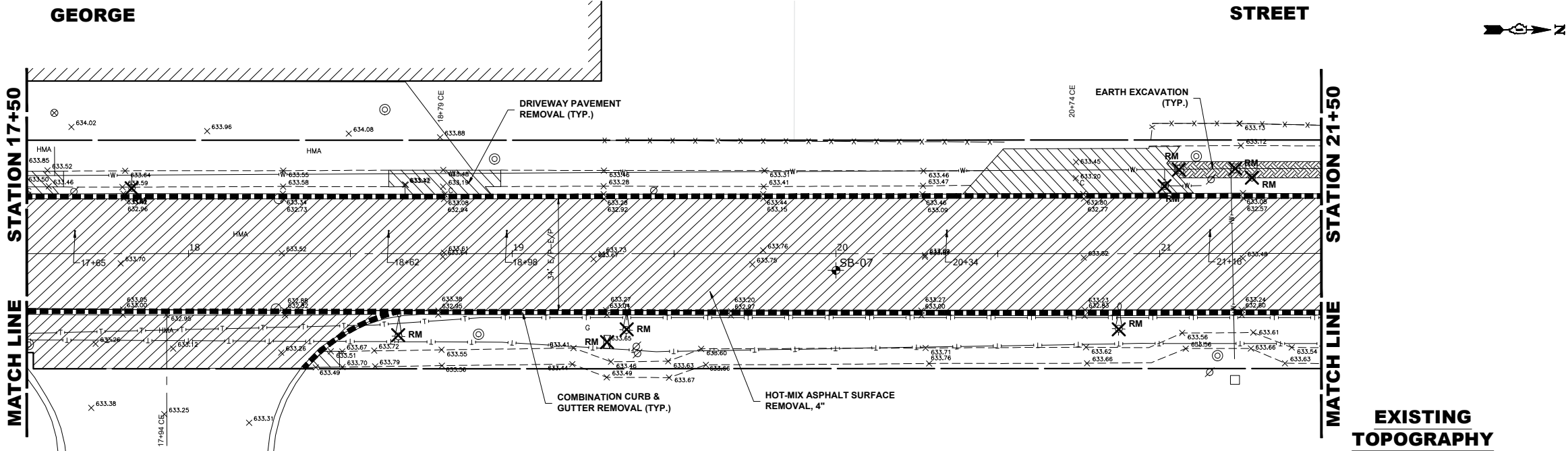
GEORGE STREET
PAVING PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=2' SHEET NO. 4 OF 9 SHEETS STA. 13+50 TO STA. 17+50

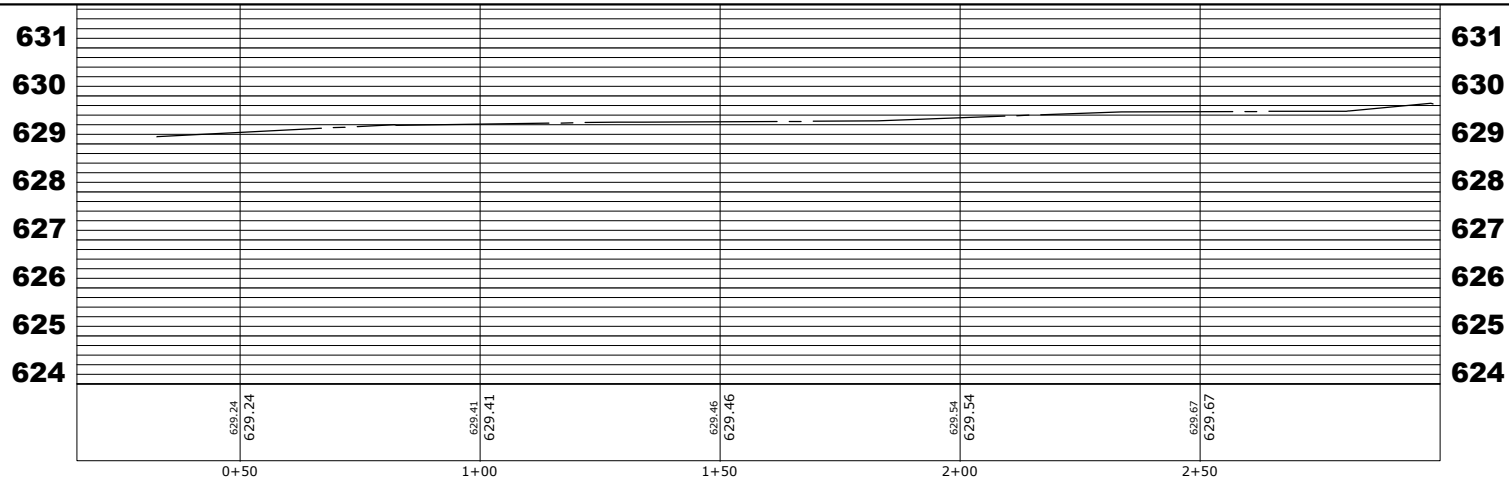
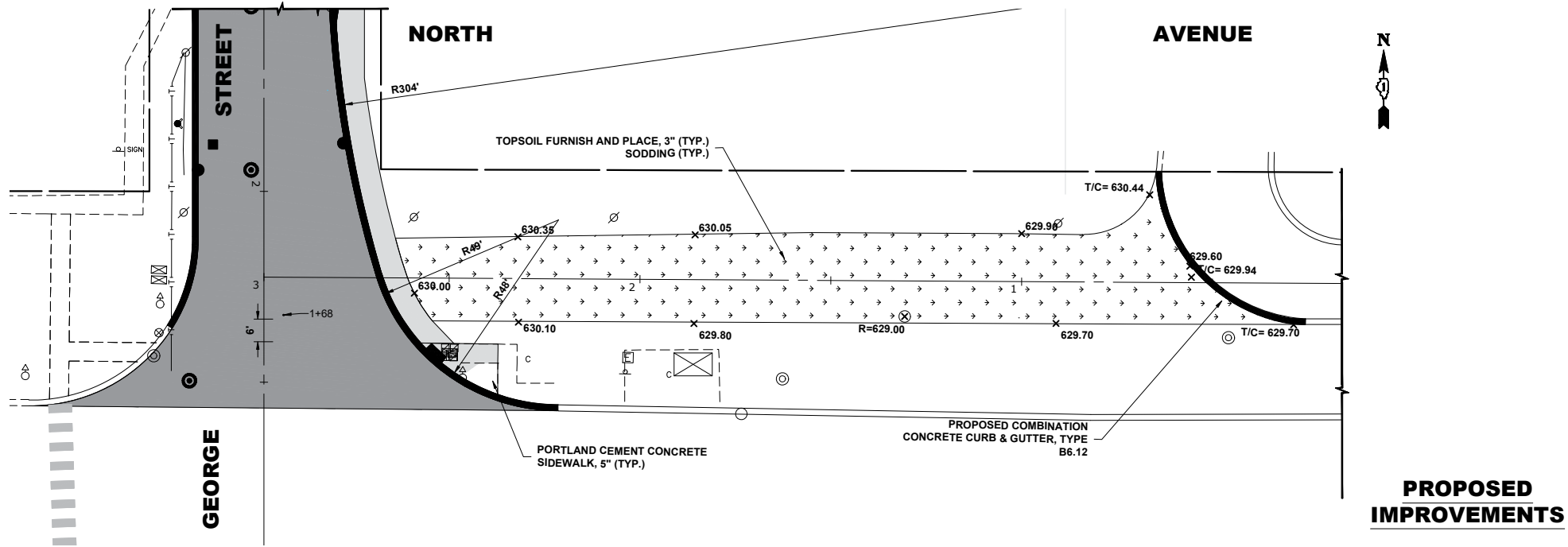
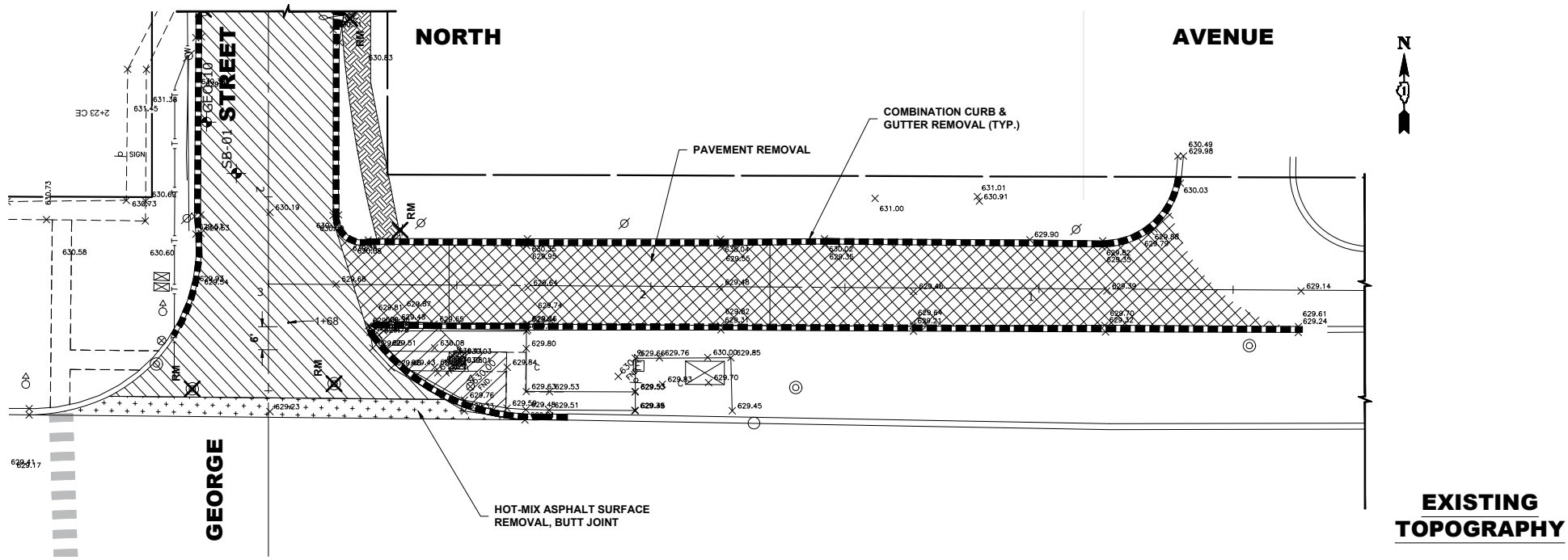
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	23
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

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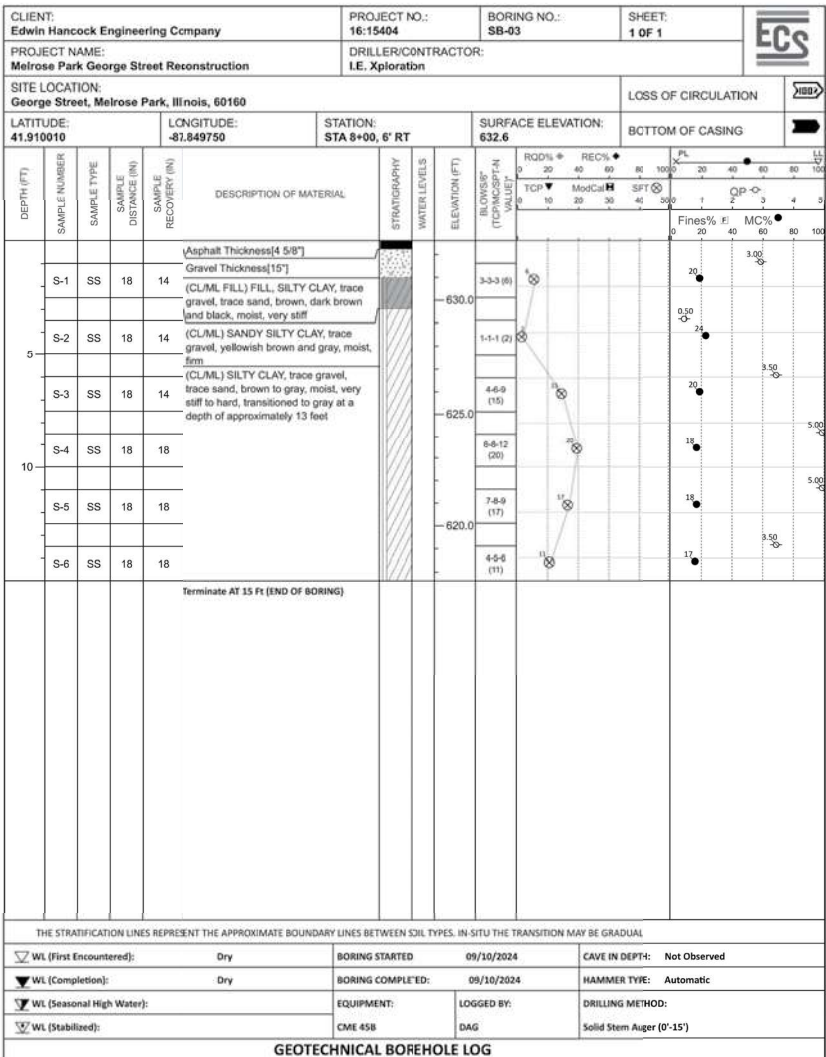
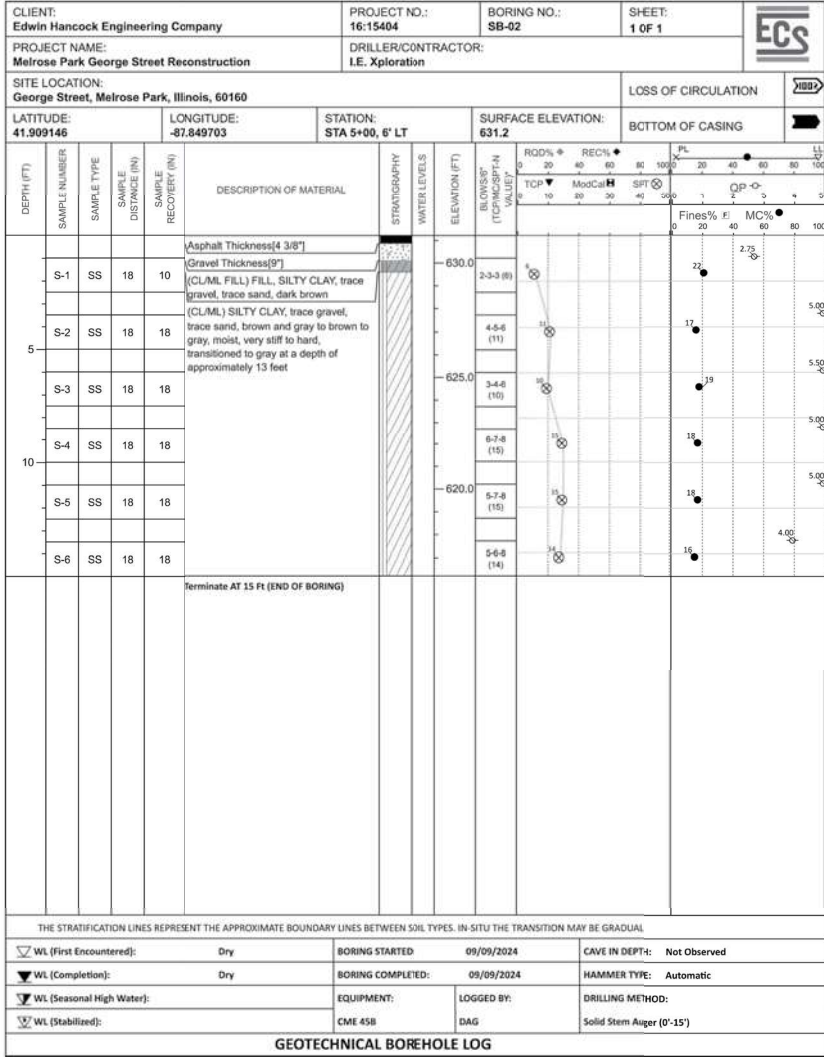
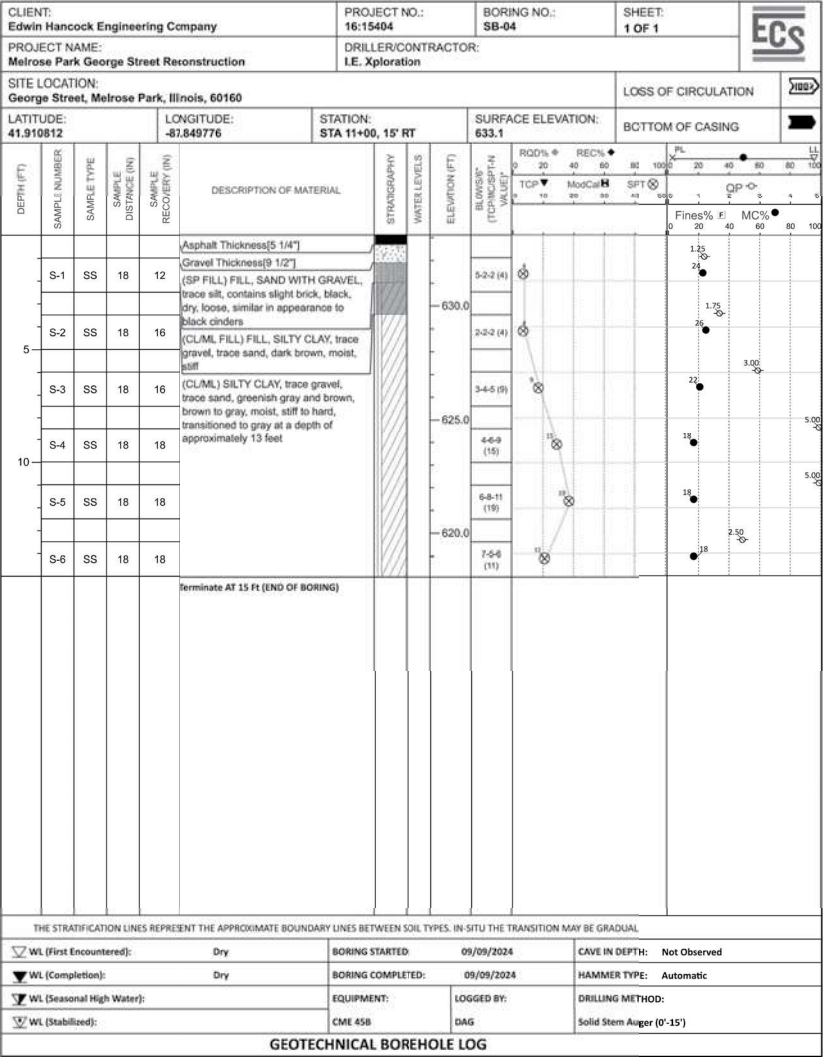
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SERVICE DRIVE
PAVING PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=2' | SHEET NO. 28 OF 9 SHEETS | STA. 0+80 TO STA. 2+98

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	28
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
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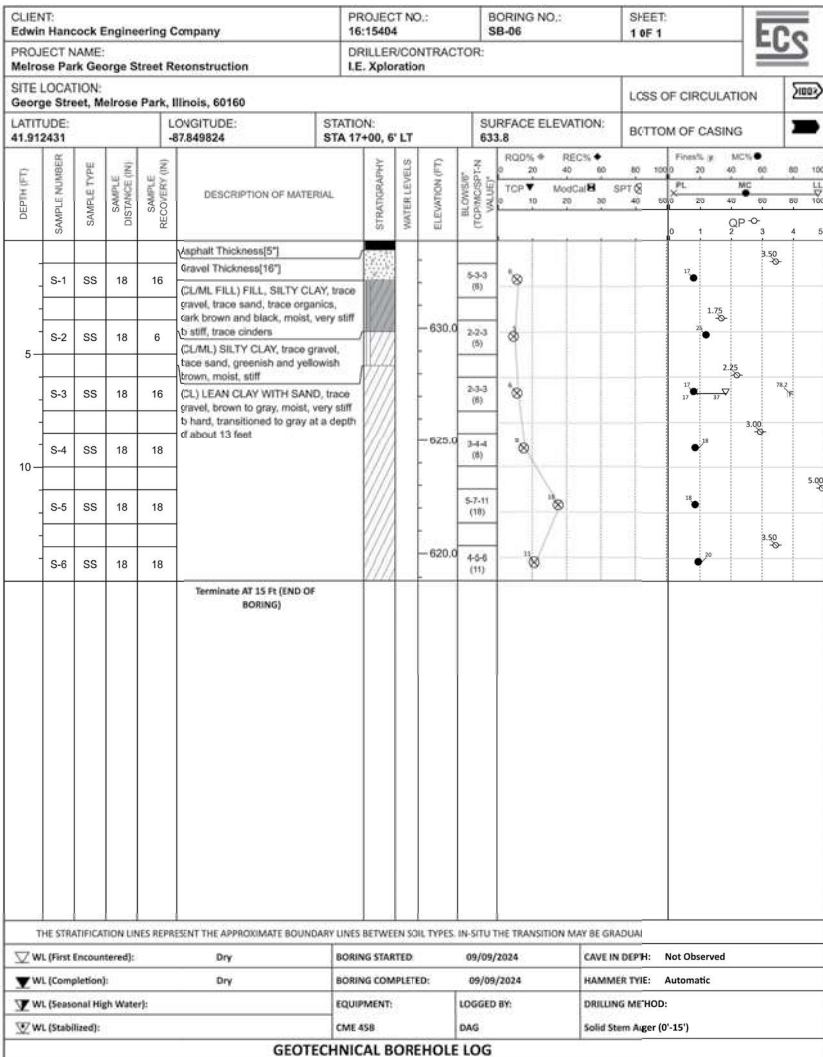
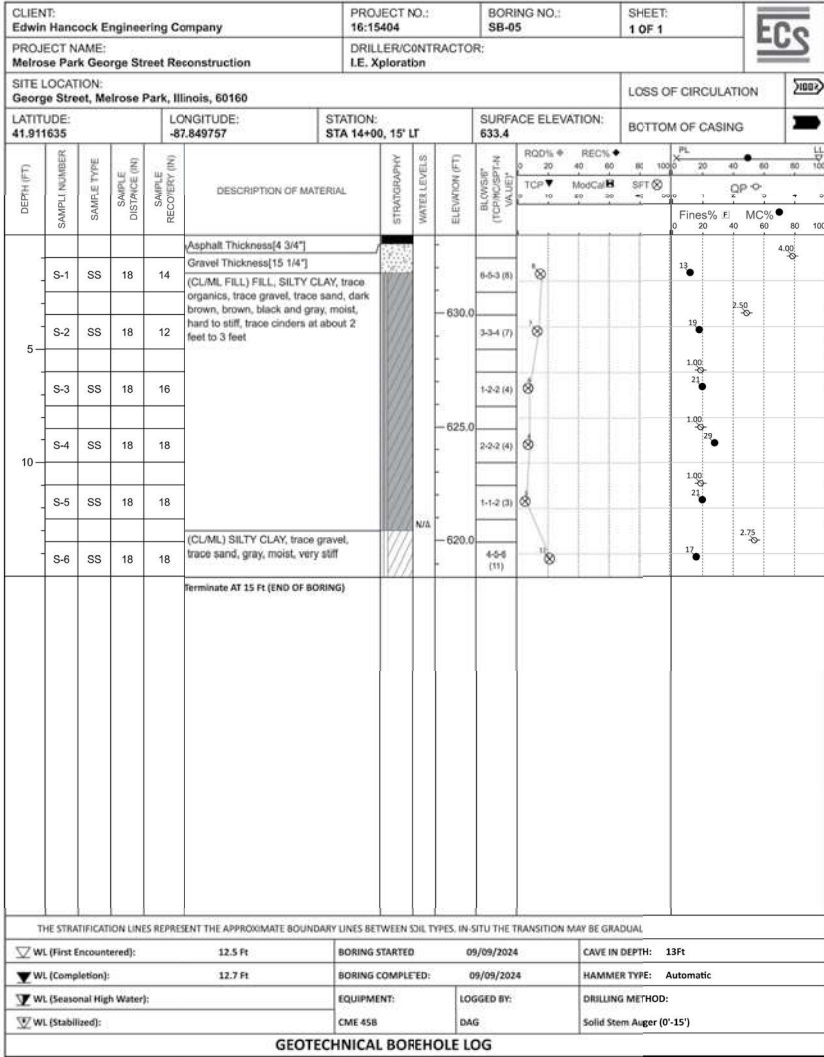
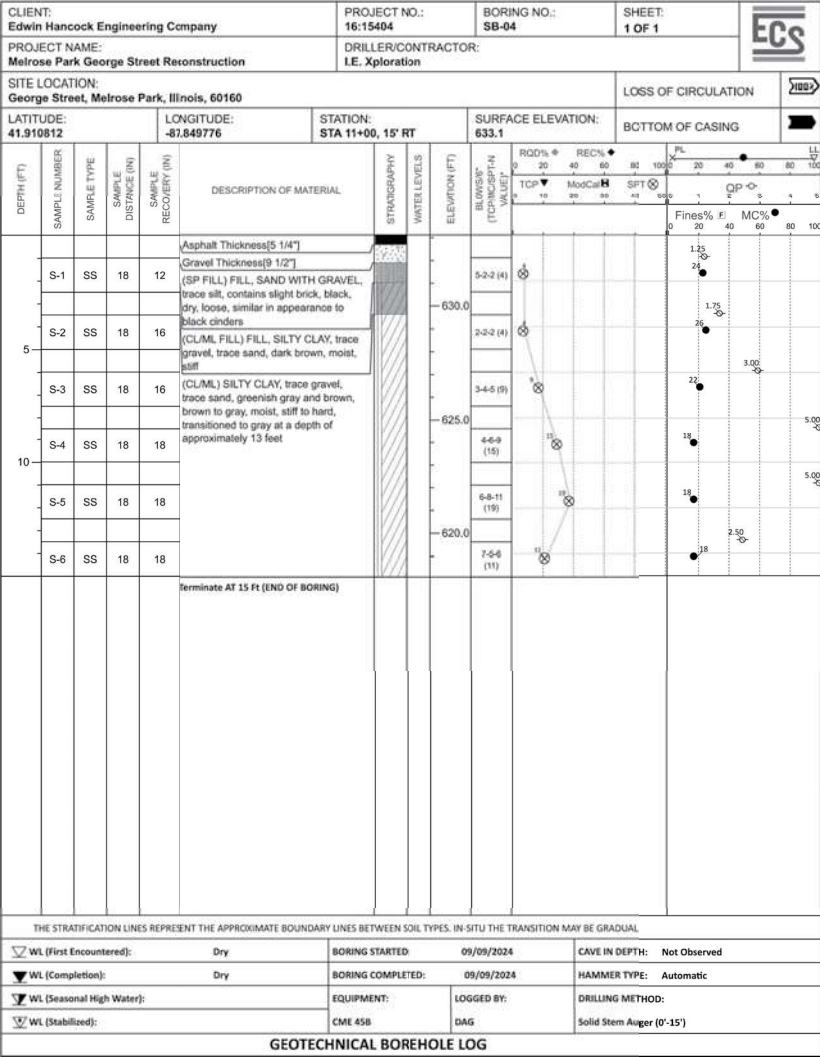
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GEORGE STREET
BORING LOGS 1

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	29
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
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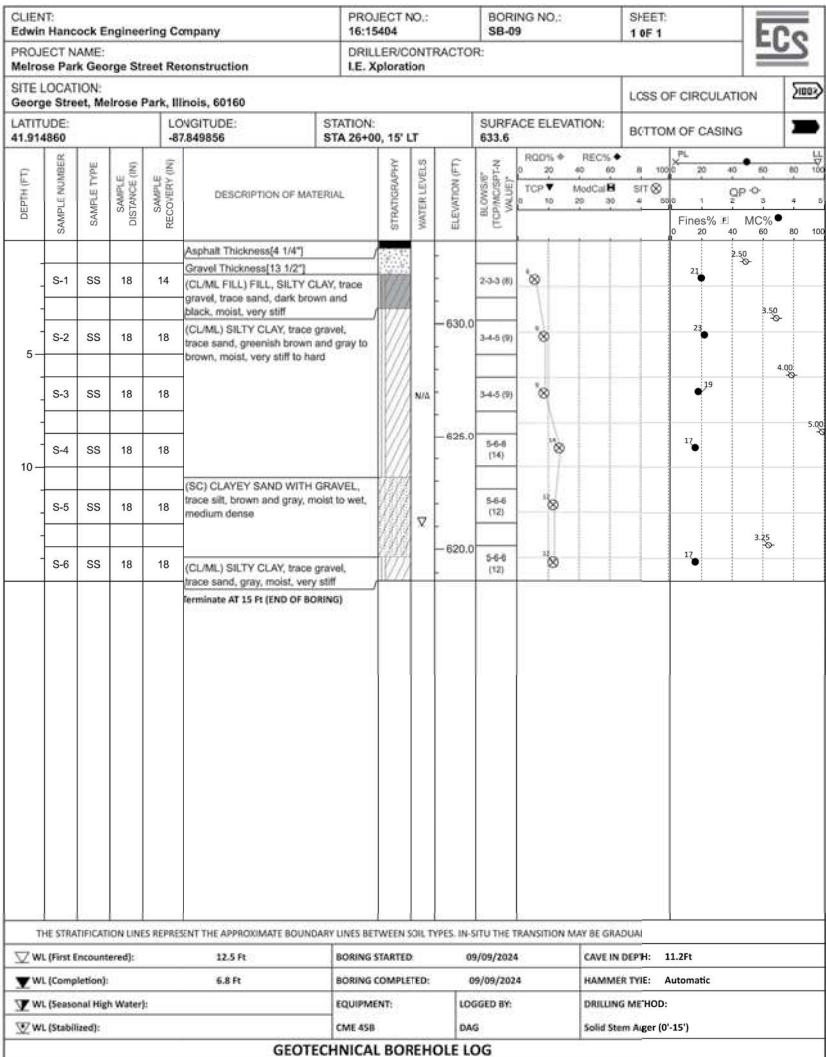
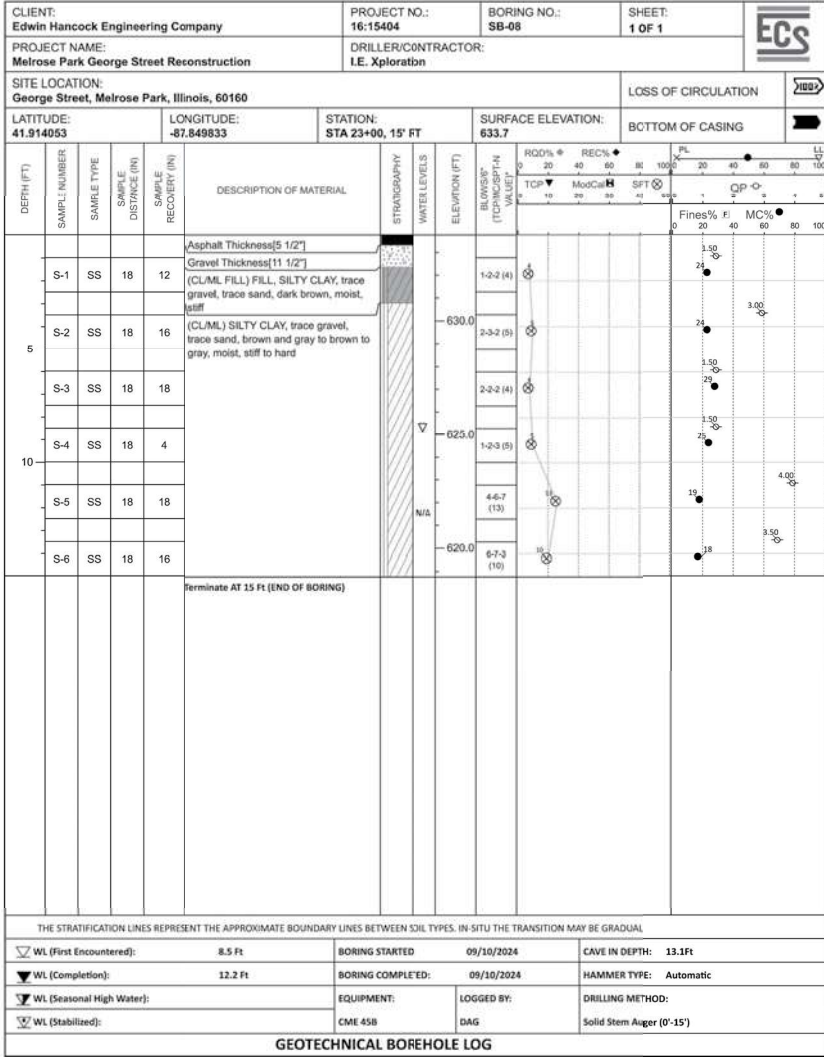
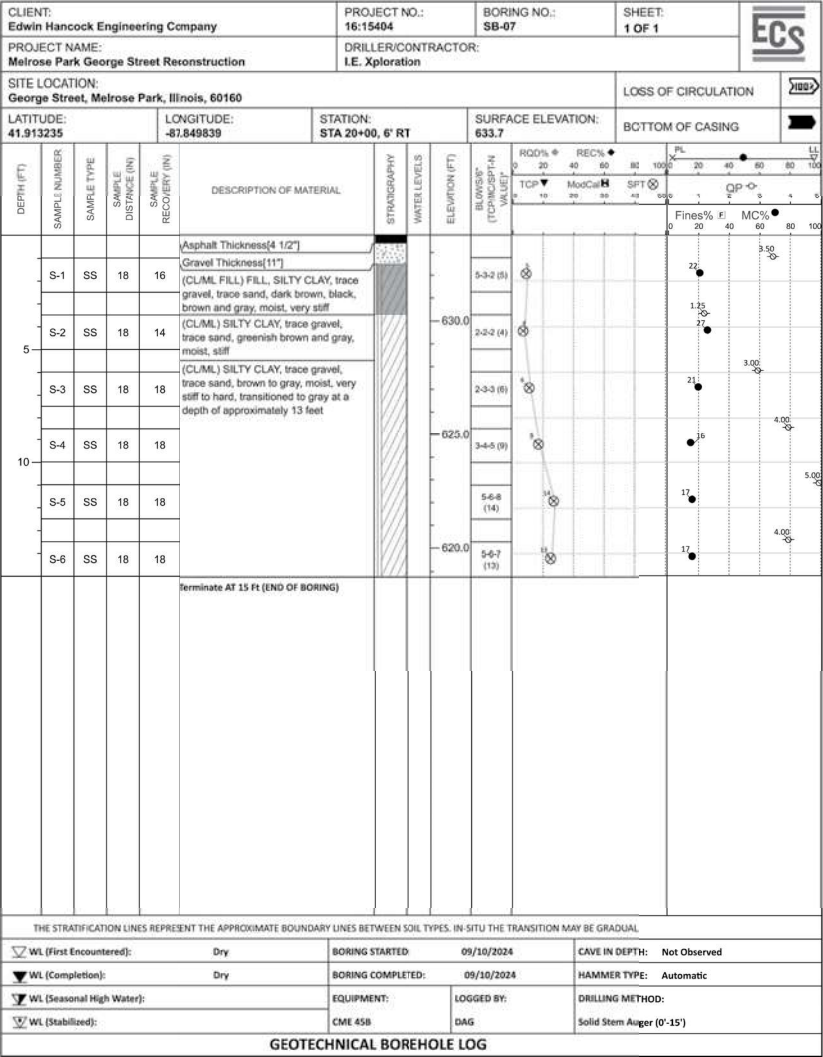
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DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
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GEORGE STREET
BORING LOGS 2

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	30
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
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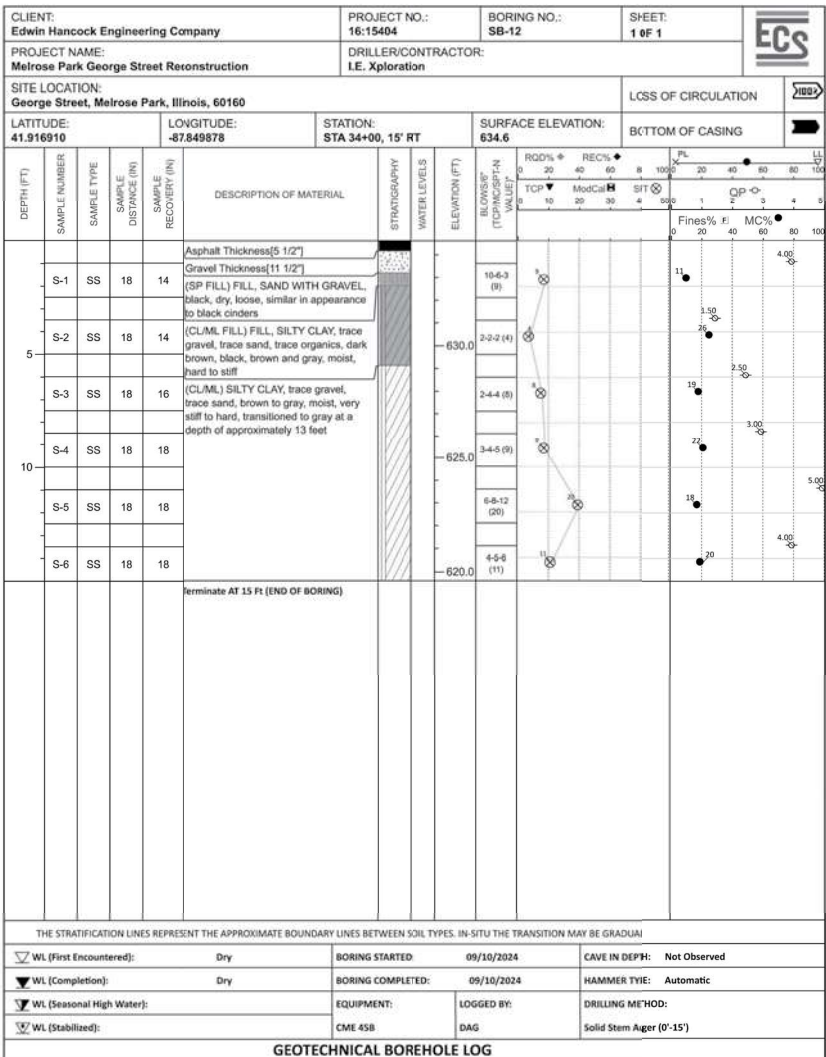
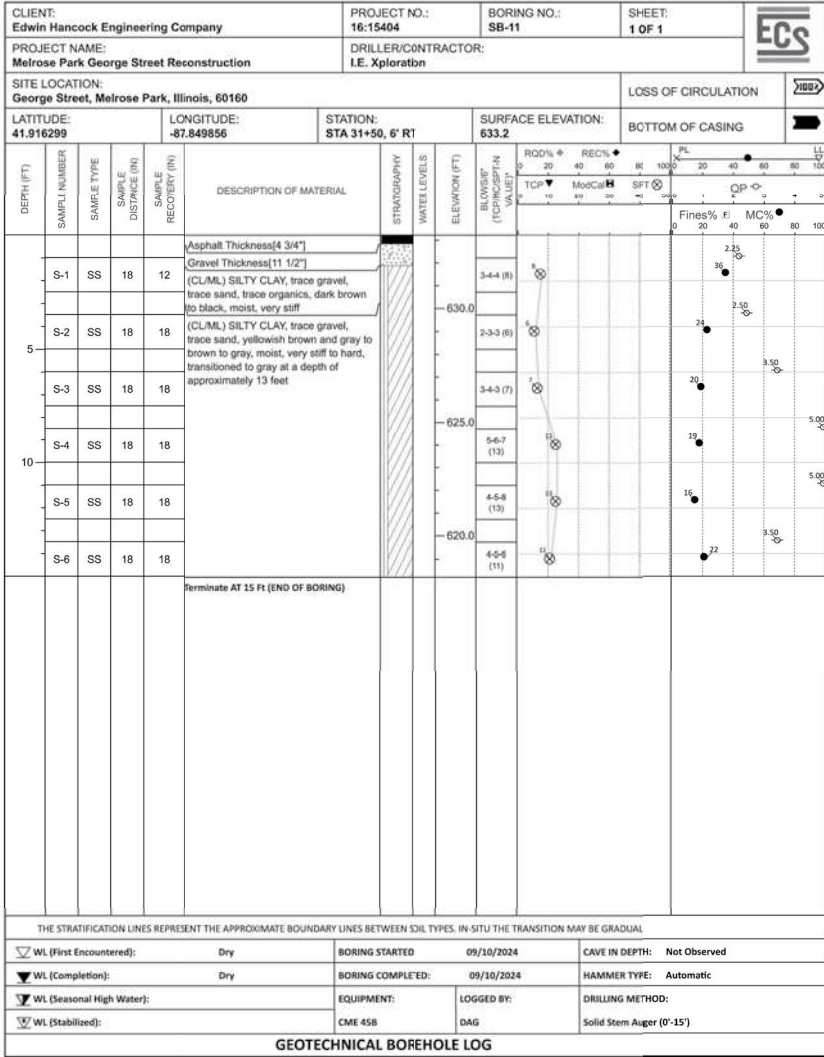
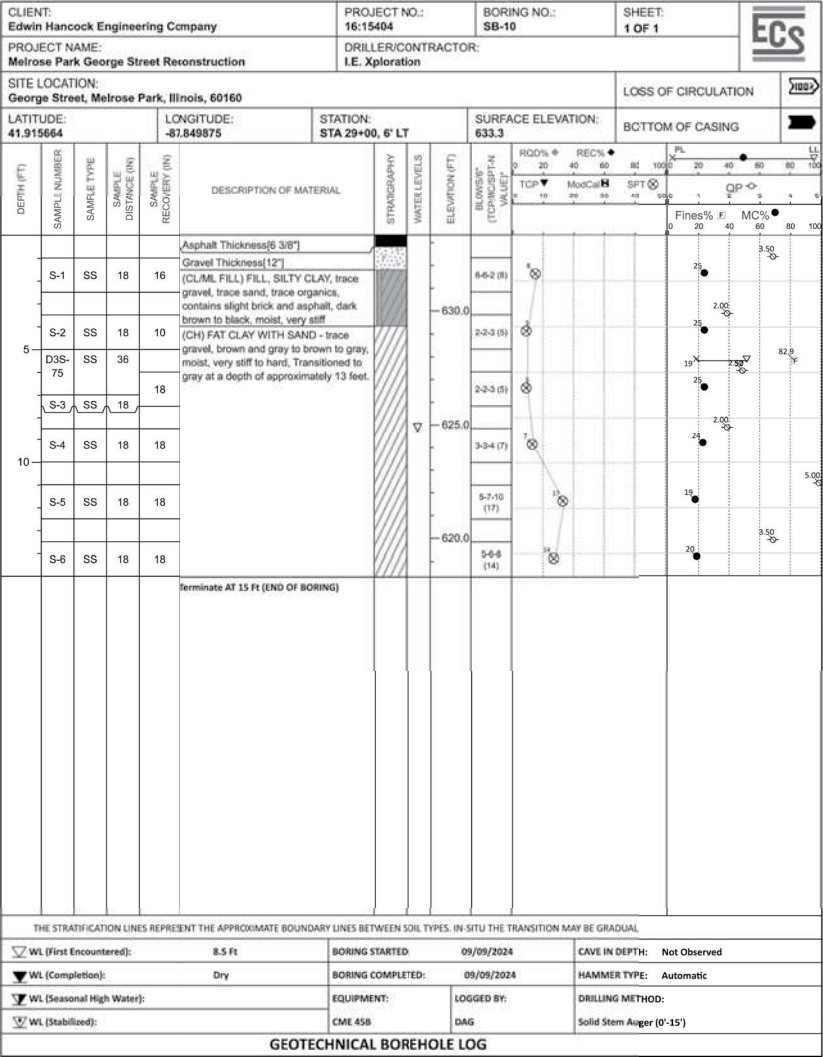
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GEORGE STREET
BORING LOGS 3

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	31
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
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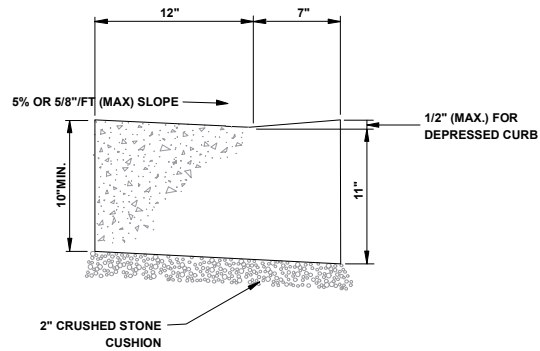
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STATE OF ILLINOIS
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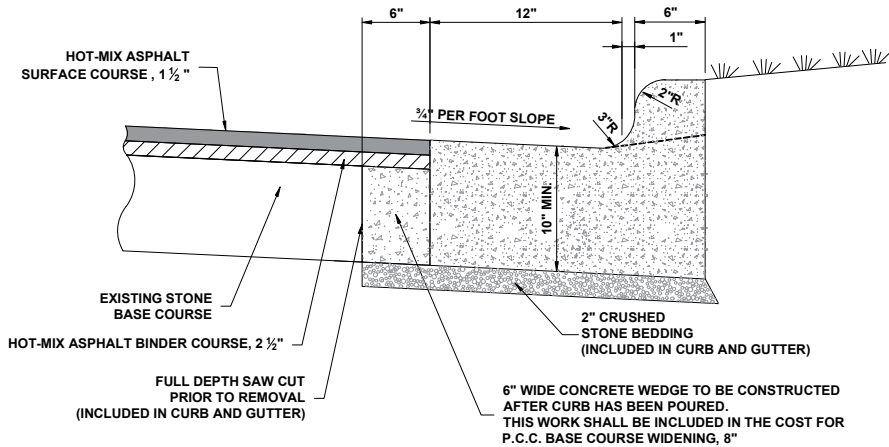
GEORGE STREET
BORING LOGS 4

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

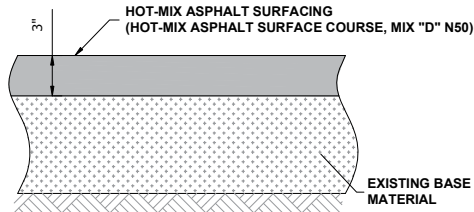
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	32
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



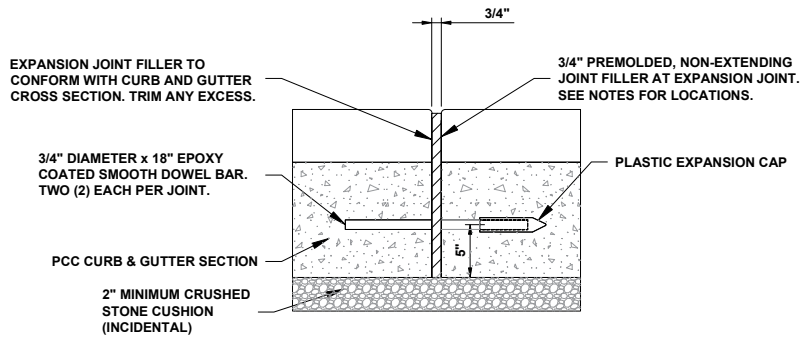
CURB AND GUTTER AT A.D.A. RAMPS



COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (MODIFIED)

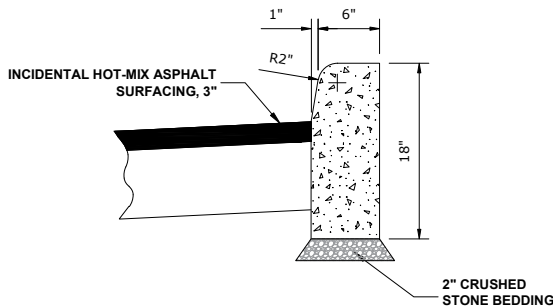


INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"

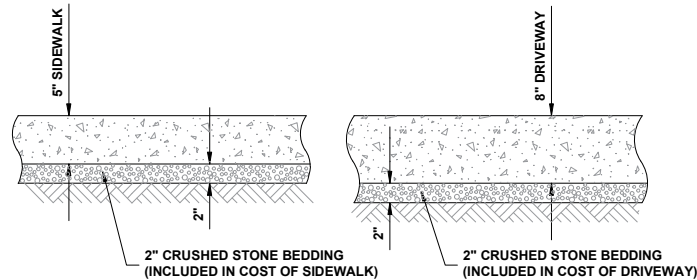


NOTE:
1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL PC'S & PT'S OF INTERSECTION RETURNS AND ALL OTHER SHORT RADIUS SECTIONS. CONSTRUCTION JOINTS, EVERY 50' ON TANGENT SECTIONS, AND AS DIRECTED BY THE ENGINEER.

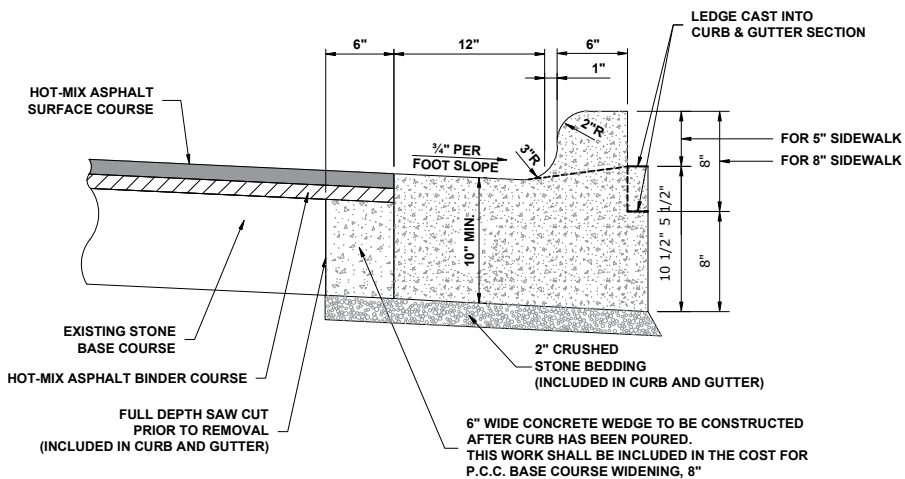
TYPICAL CURB AND GUTTER EXPANSION JOINT



BARRIER CURB



TYPICAL P.C.C. SIDEWALK, 5" AND P.C.C. DRIVEWAY, 8"



- NOTES :
1. PROVIDE 2 - 3/4" DIAMETER, 18" LONG EPOXY COATED SMOOTH BARS WITH PLASTIC EXPANSION CAPS AT EACH EXPANSION JOINT.
 2. CONTRACTION JOINT - 2" DEEP CONTRACTION JOINTS SHALL BE SAWED AT EQUAL SPACES (NOT EXCEEDING 15 FEET) BETWEEN NORMAL EXPANSION JOINTS, IN THE UPPER 1/3 OF CURB & GUTTERS WITHIN 24 HOURS OF PLACEMENT.

COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 (SPECIAL)



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DATE - 6-11-26

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SCALE: -

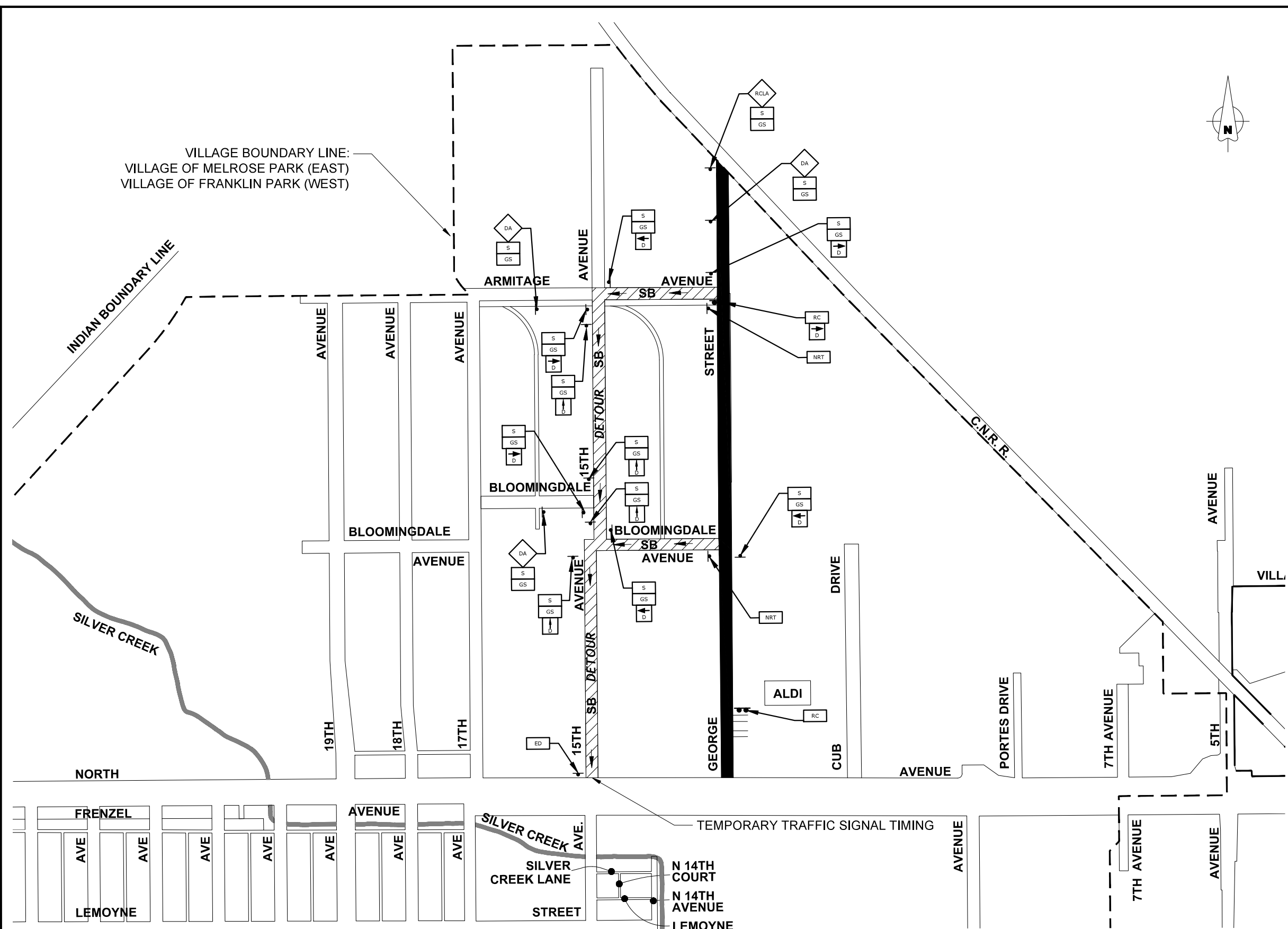
SHEET NO. 1 OF 1 SHEETS

STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	33
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

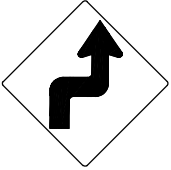
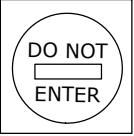
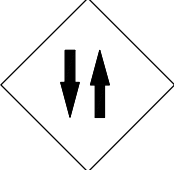
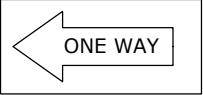
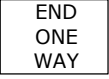
Drawing file: W:\projects_by_village\melrose park\60025231 - phase 1\DETOUR MAP.dwg Aug 14, 2026 - 9:21am



LEGEND OF SYMBOLS		
SYMBOL	DESCRIPTION	CODE & SIZE
		W20-3 48"x48"
		W20-2 48"x48"
		M3-1P(0) 24"x12"
		M3-3P(0) 24"x12"
		M4-8 36"x12"
		M4-8 24"x18"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9R 24"x30"
		M4-9L 24"x30"
		R11-4 60"x30"
		R11-4 60"x30"
		R3-2 24"x24"
		R3-2 24"x24"
		R3-2 24"x24"
		R6-7 24"x30"

- NOTE:
- ALL LOCAL DETOURS SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.
 - THE TWO (2) CHANGEABLE MESSAGE SIGNS ARE TO BE ON SITE AND FUNCTIONING FOR 2 WEEKS PRIOR TO ROAD CLOSURE.

Drawing file: W:\Projects_By_Village\Marrose Park\60025231 - Phase II\Site\George St Ph II_Maint of Traffic.dwg Aug 10, 2026 - 3:07pm

LEGEND OF SYMBOLS								
SYMBOL	DESCRIPTION	CODE & SIZE	SYMBOL	DESCRIPTION	CODE & SIZE	SYMBOL	DESCRIPTION	CODE & SIZE
		M4-9 30"x24"			R11-4 60"x30"			W1-3R (0) 48"x48"
		R5-1 30"x30"			W6-3(0) 48"x48"			
		R11-2 48"x30"			W20-3 48"x48"			
		R3-2 24"x24"						
		R3-2 24"x24"			W20-I103 48"x48"			
		R4-8a 24"x30"						
		R4-8a 24"x30"			W20-4(0)-48 48"x48"			
		R6-IL 36"x12"			W21-I115(0) 36"x18"			
		R6-IR 36"x12"			R2-1 36"x48"			
		R6-6 24"x30"			R5-1a 36"x24"			
		R6-7 24"x30"			G20-2 36"x18"			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC LEGEND

SCALE: NONE

SHEET NO. 1 OF 1 SHEETS

STA. -

TO STA. -

FAU

RTE.

SECTION

1672 24-00145-00-CH

COUNTY

COOK

TOTAL

SHEETS

SHEET

NO.

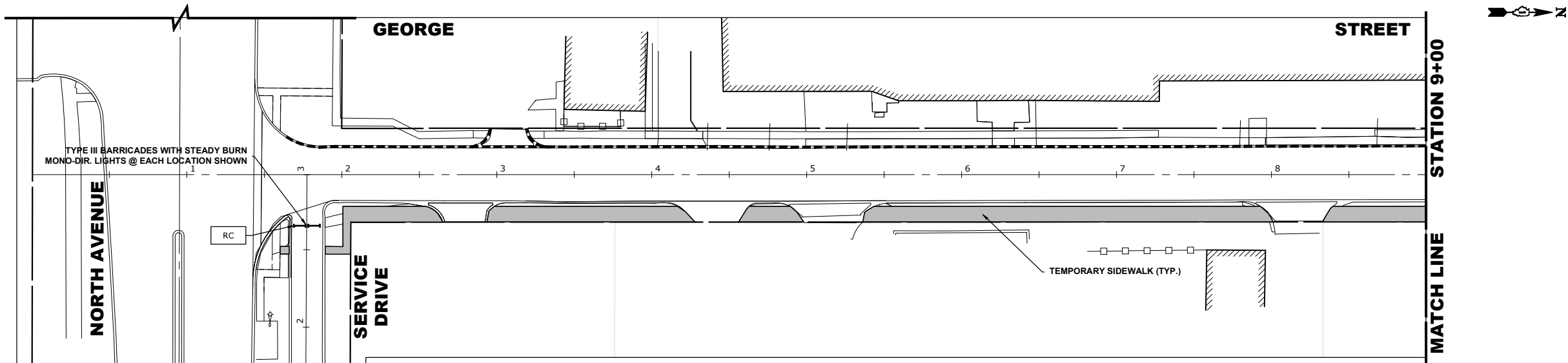
FIELD BOOK NO. : -

CONTRACT NO. 61M63

FED. ROAD DIST. NO. 1 ILLINOIS

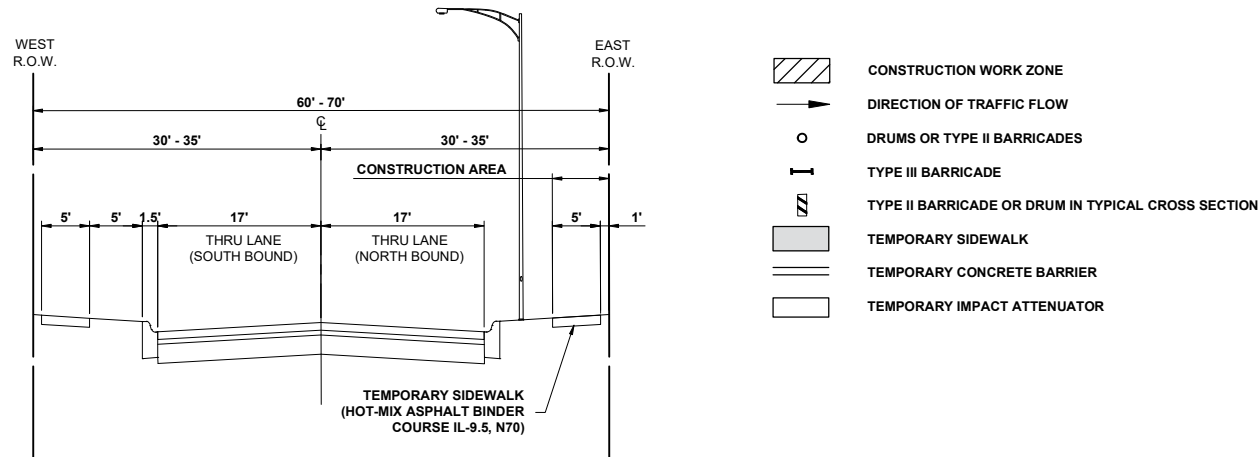
FED. AID PROJECT

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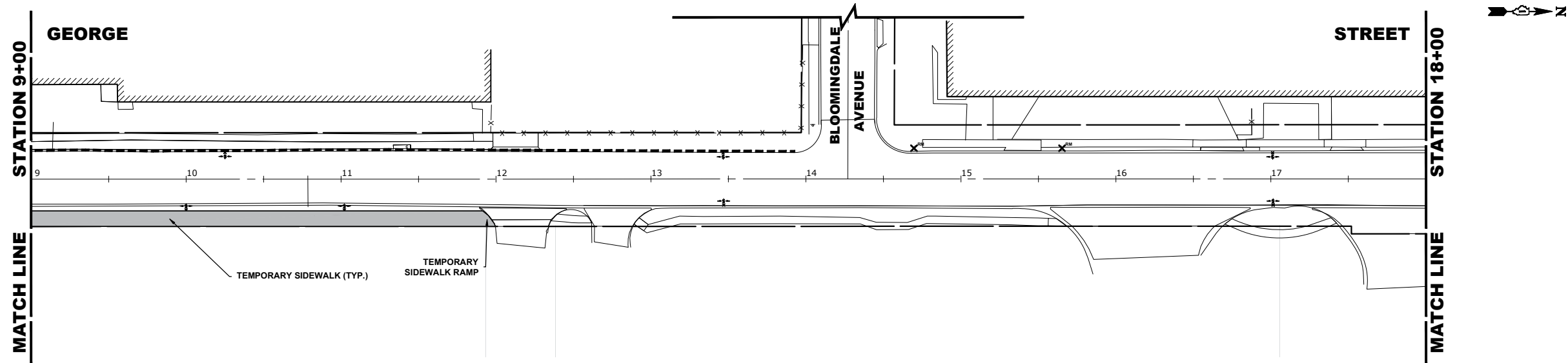


STAGE 0 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF CONSTRUCTING A TEMPORARY SIDEWALK PAVEMENT ALONG THE EAST SIDE OF GEORGE STREET.
2. ALL THE COMMERCIAL DRIVEWAYS ARE TO BE OPENED THROUGHOUT CONSTRUCTION FOR TRAFFIC OR AS DIRECTED BY THE ENGINEER AND AS PAID FOR AS TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
3. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EARTH EXCAVATION AS NECESSARY AND PERFORMING ALL THE PROPOSED PAVEMENT WORK ALONG THE WEST SIDE OF GEORGE STREET.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING PREPARATION, INSTALLATION OF NEW PAVEMENT, AND SHALL BE PAID FOR AS TEMPORARY ACCESS (ROAD).
5. CONSTRUCTION VEHICLES, INCLUDING CONSTRUCTION DELIVERY VEHICLES, WILL NEED TO SHARE THE "THROUGH" LANE. FLAGGERS TO BE USED FOR COORDINATING TRAFFIC FLOW.
6. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS.
7. CHANGEABLE MESSAGE BOARDS ALERTING DRIVERS OF CONSTRUCTION TO BE INSTALLED FOR 2 WEEKS PRIOR TO EACH STAGE CHANGE.
8. CONSTRUCTION ON GEORGE STREET NORTH OF ARMITAGE AVENUE TO UTILIZE 701501-06 AFTER STAGE 2 IS COMPLETE
9. SERVICE DRIVE CLOSED THRU ALL STAGES OF CONSTRUCTION. SEE STAGE 0 FOR SIGNING



**TYPICAL SECTION DURING
STAGE 0 CONSTRUCTION
STA. 1+40 TO STA. 12+00**



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRE-STAGE 0**

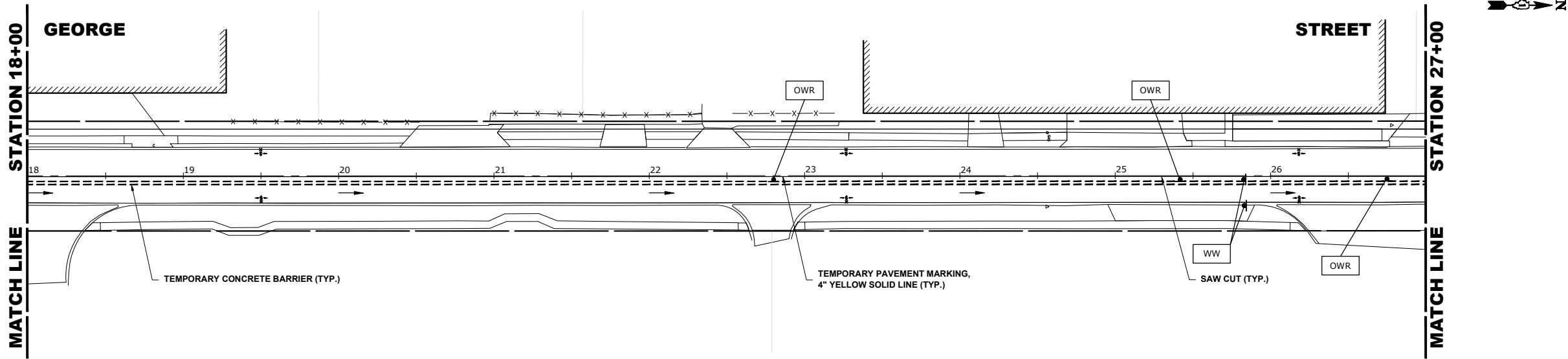
SCALE: 1" = 40'

SHEET NO. 1 OF 2 SHEETS STA. 0+00 TO STA. 18+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	36
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

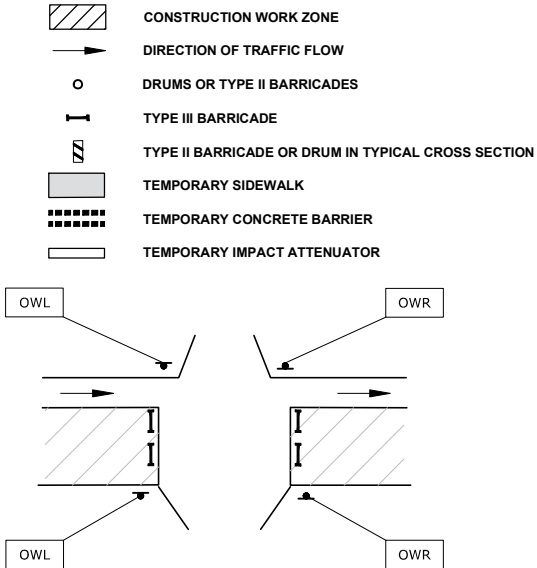
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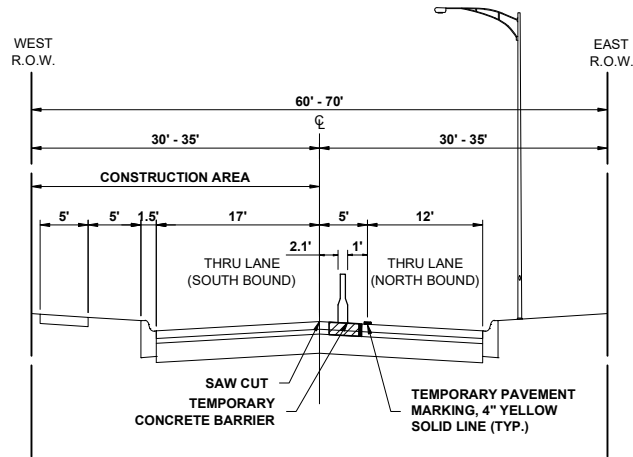
STAGE 1 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS ALONG THE WEST SIDE OF GEORGE STREET.
2. ALL THE COMMERCIAL DRIVEWAYS ARE TO BE OPENED THROUGHOUT CONSTRUCTION FOR TRAFFIC OR AS DIRECTED BY THE ENGINEER AND AS PAID FOR AS TEMPORARY ACCESS (COMMERCIAL ENTRANCE).
3. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EARTH EXCAVATION AS NECESSARY AND PERFORMING ALL THE PROPOSED PAVEMENT WORK ALONG THE WEST SIDE OF GEORGE STREET.
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8. CONSTRUCTION ON GEORGE STREET NORTH OF ARMITAGE AVENUE TO UTILIZE 701501-06 AFTER STAGE 2 IS COMPLETE
9. SERVICE DRIVE CLOSED THRU ALL STAGES OF CONSTRUCTION. SEE STAGE 0 FOR SIGNING

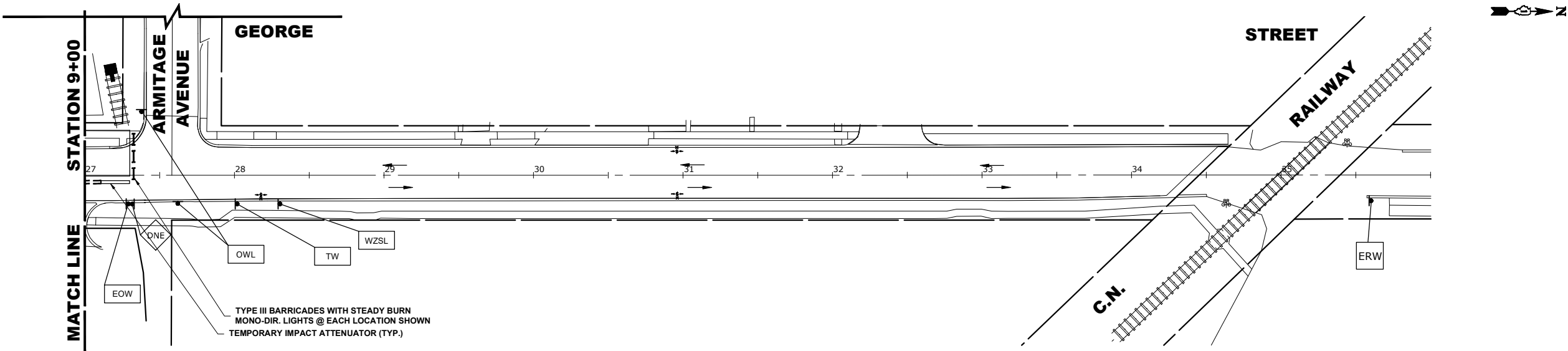
LEGEND



TYPICAL DRIVEWAY DETAIL (STAGE 1 & 2)



TYPICAL SECTION DURING
STAGE 1 CONSTRUCTION
STA. 1+40 TO STA. 34+40



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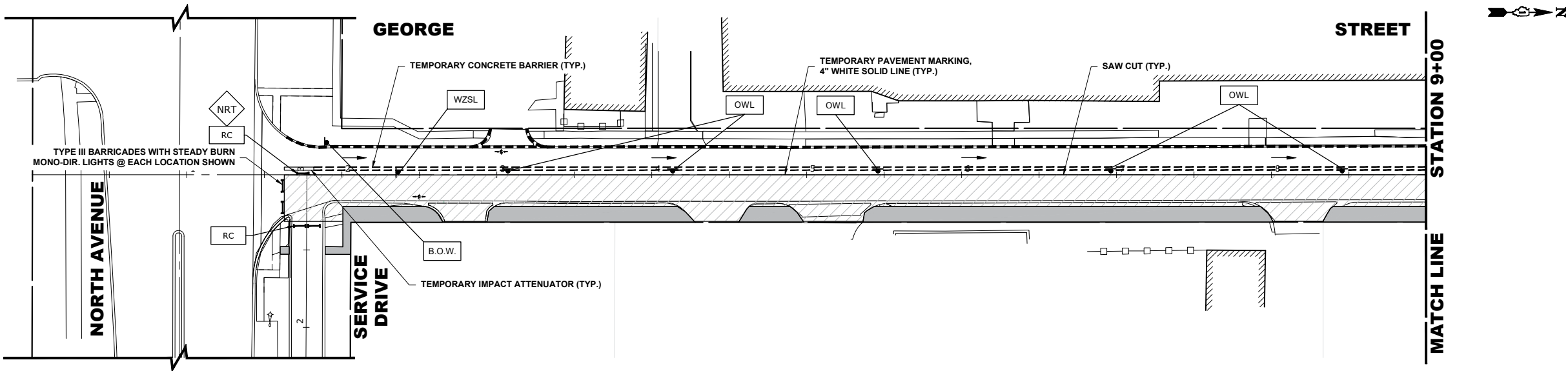
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 18+00 TO STA. 34+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	38
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

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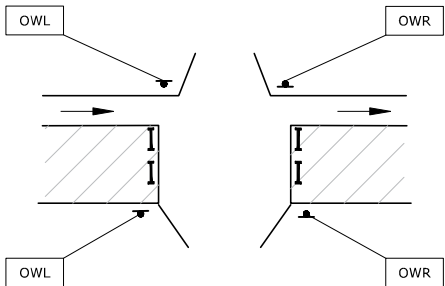


STAGE 2 CONSTRUCTION

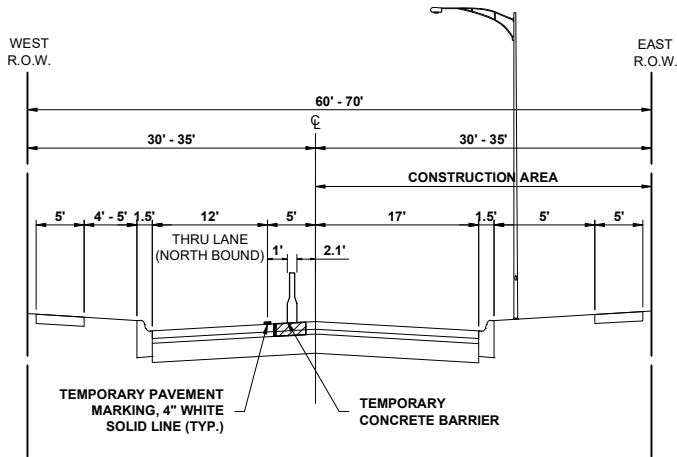
1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS ALONG THE EAST SIDE OF GEORGE STREET.
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9. SERVICE DRIVE CLOSED THRU ALL STAGES OF CONSTRUCTION. SEE STAGE 0 FOR SIGNING

LEGEND

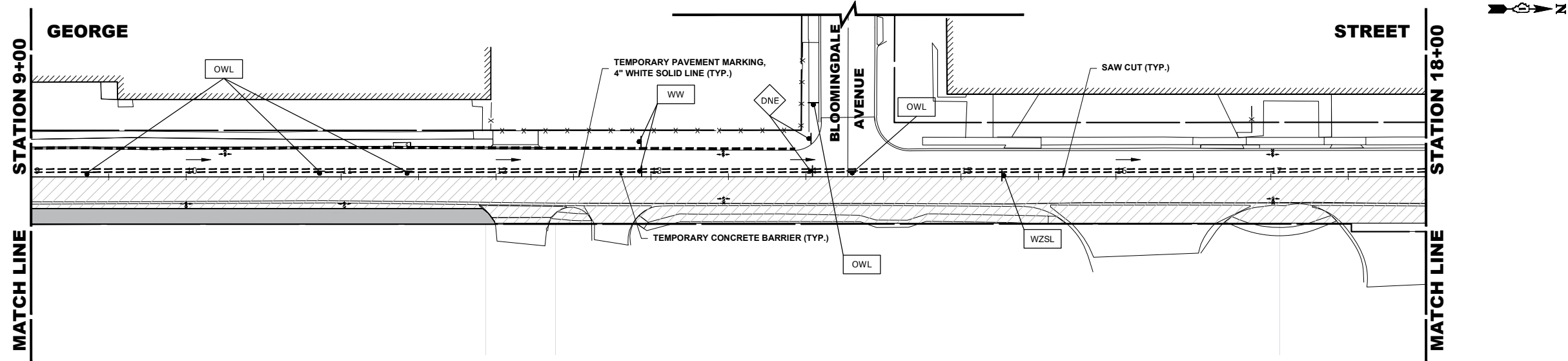
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
- TEMPORARY SIDEWALK
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR



TYPICAL DRIVEWAY DETAIL (STAGE 1 & 2)



**TYPICAL SECTION DURING
STAGE 2 CONSTRUCTION
STA. 1+60 TO STA. 27+50**



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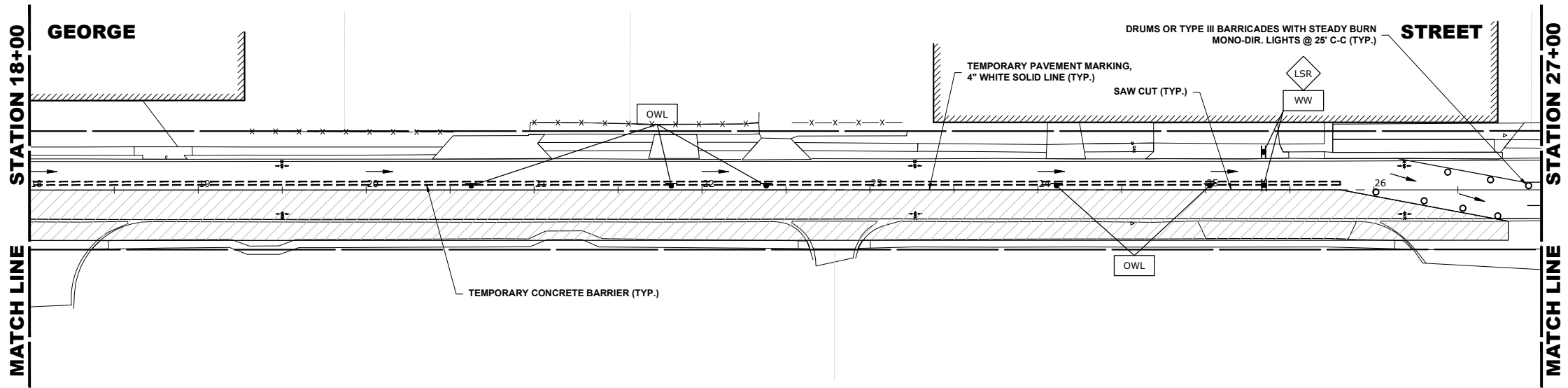
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 0+00 TO STA. 18+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	39
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

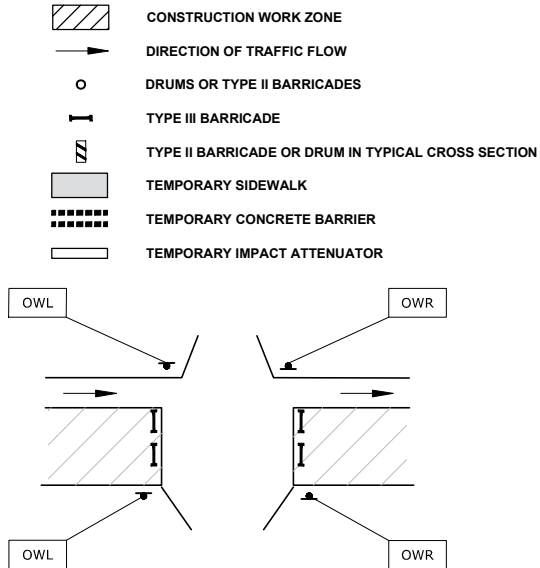
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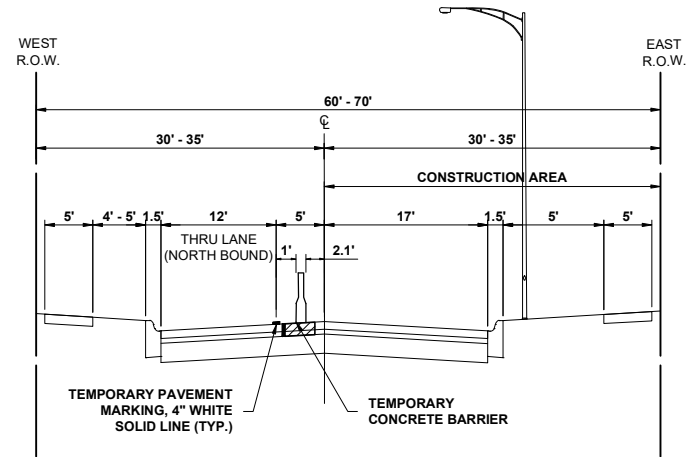
STAGE 2 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS ALONG THE EAST SIDE OF GEORGE STREET.
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9. SERVICE DRIVE CLOSED THRU ALL STAGES OF CONSTRUCTION. SEE STAGE 0 FOR SIGNING

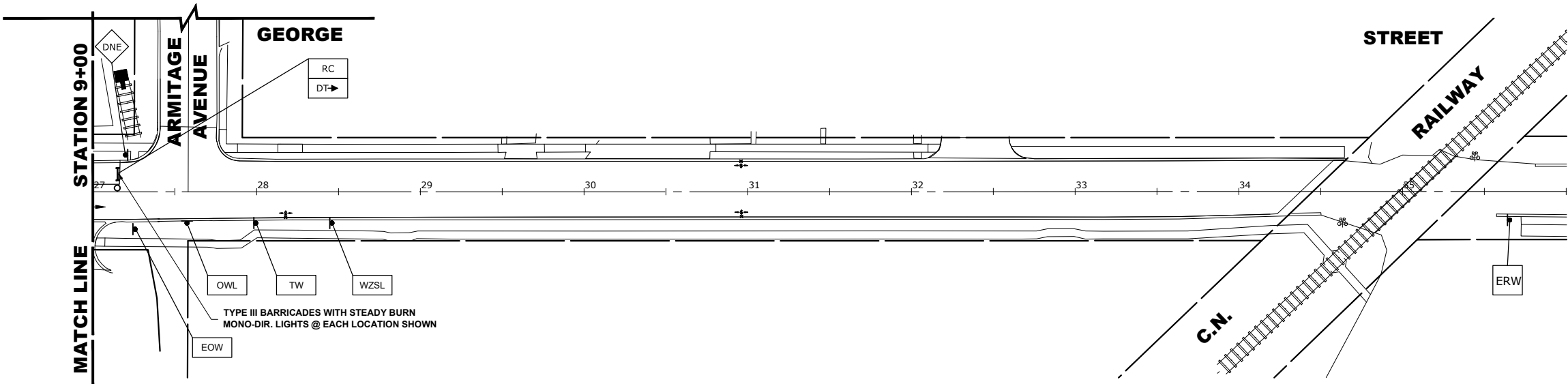
LEGEND



TYPICAL DRIVEWAY DETAIL (STAGE 1 & 2)



TYPICAL SECTION DURING
STAGE 2 CONSTRUCTION
STA. 1+60 TO STA. 27+50



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REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1" = 40'

SHEET NO. 2 OF 2 SHEETS

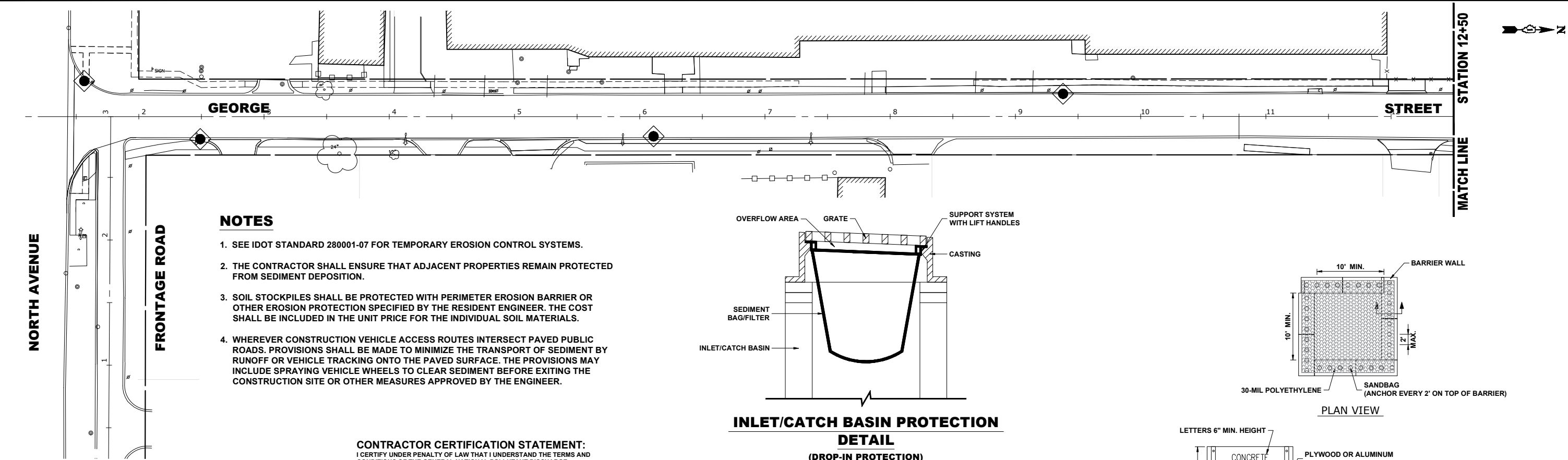
STA. 18+00

TO STA. 34+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	40
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

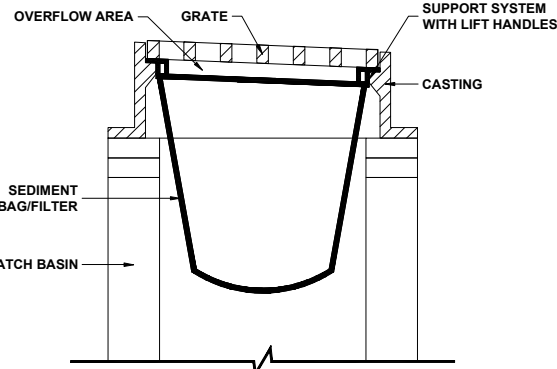
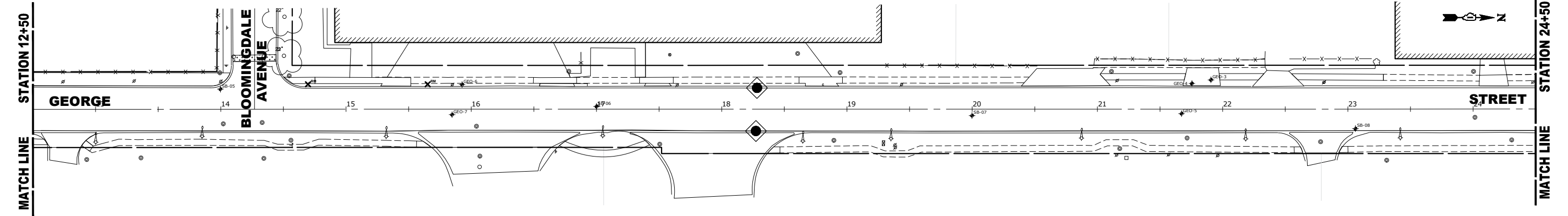
E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Marose Park\60025231 - Phase II\SITE Erosion Control.dwg Aug 10, 2026 - 3:09pm

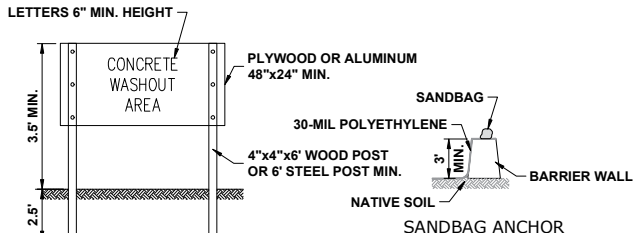
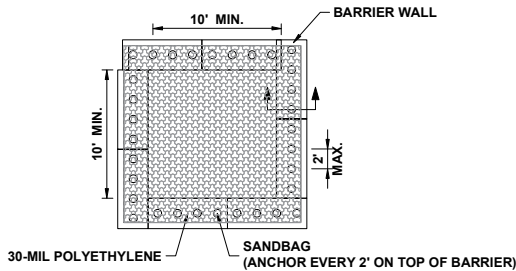


LEGEND	
	INLET FILTERS
	CONCRETE WASH-OUT AREA

- CONSTRUCTION SEQUENCE :**
1. INSTALL EROSION CONTROL MEASURES
 2. COMPLETE ALL UNDERGROUND WORK
 3. PAVEMENT PATCHING
 4. RESURFACE PAVEMENTS
 5. RESTORE DAMAGED AREAS ADJACENT TO IMPROVEMENTS
 6. REMOVE EROSION CONTROL MEASURES



- INLET/CATCH BASIN PROTECTION
DETAIL
(DROP-IN PROTECTION)**
1. CLEAN OUT AFTER EVERY RAIN EVENT.
 2. INSTALL BEFORE BEGINNING ANY WORK.



- NOTES:**
1. MAINTAINING TEMPORARY CONCRETE FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEN CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
 2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

**CONCRETE WASHOUT
(BARRIER WALL)**



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

SCALE: 1"=40'

SHEET NO. 1 OF 2 SHEETS

STA. -

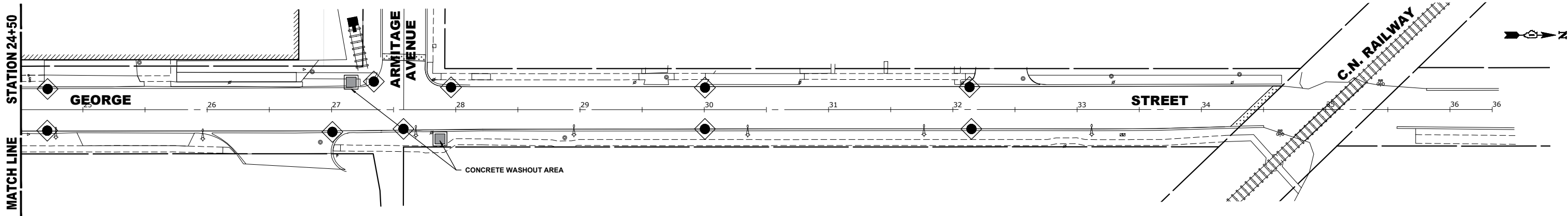
TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	41
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

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LEGEND

INLET FILTERS

CONCRETE WASH-OUT AREA

STORM WATER POLLUTION PREVENTION PLAN EROSION AND SEDIMENT CONTROLS

NARRATIVE DESCRIPTION OF EXISTING CONDITIONS AND PROPOSED DEVELOPMENT

THE PROJECT WILL COMPLY WITH THE APPLICABLE SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS OF ALL CITY ORDINANCES AND THE IEPA NPDES. THE EXISTING SITE IS PRIMARILY AN IMPERVIOUS R.O.W. SOILS ARE PRIMARILY SILTY CLAY AND ARE DESIGNATED AS TYPE 533 ON THE NRCS REPORT. THE SOILS AFTER DEVELOPMENT WILL REMAIN THE SAME. THE SITE IS NOT WITHIN THE FLOOD PROTECTION AREA OR FLOOD ZONE. ALL STORM WATER WILL BE DISCHARGED TO THE EXISTING CITY STORM SEWER ALONG WASHINGTON BOULEVARD.

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION (WHERE APPLICABLE):

- A) AT LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, INLET PROTECTION SHALL BE INSTALLED AROUND EXISTING INLETS OR CATCH BASINS.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION (WHERE APPLICABLE):

- 1) DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION AREA AS OUTLINED PREVIOUSLY SHALL BE PROTECTED FROM DAMAGE EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
- A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- B) TOP SOIL AND EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- C) AS THE CONTRACTOR CONSTRUCTS THE UNDERGROUND IMPROVEMENTS, THEY SHALL ADHERE TO THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
- I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND ENTERS THE CONSTRUCTION ZONE.
- D) THE CONTRACTOR SHALL IMMEDIATELY FOLLOW MAJOR EARTH MOVING OPERATIONS WITH FINAL GRADING EQUIPMENT. AFTER MAJOR EARTH SPREAD OPERATION HAS MOVED TO A NEW LOCATION, FINAL GRADING SHALL BE COMPLETED WITHIN FOURTEEN DAYS. IF GRADING IS NOT COMPLETED WITHIN FOURTEEN DAYS, ALL MAJOR EARTH MOVING OPERATIONS WILL BE STOPPED, AS DIRECTED BY THE ENGINEER, UNTIL DISTRIBUTED AREAS ARE FINAL GRADED AND SEEDED.
- E) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED AS STATED IN THE SPECIAL PROVISION "TEMPORARY EROSION CONTROL SEEDING".
- F) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- G) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING ACTIVITIES AND WEEKLY OR AFTER LARGE RAINS DURING THE WINTER SHUTDOWN PERIOD. THIS PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER CONTROL WORK IS NECESSARY.
- H) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEM SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF MAINTENANCE IS INCIDENTAL TO THE CONTRACT.
- I) THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER IT'S USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

DOCUMENTATION

- 1) A REPORT SUMMARIZING THE SCOPE OF INSPECTION, NAME(S) AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE SECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLANTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTION TAKEN IN ACCORDANCE WITH SECTION 4.B, SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT.
- 2) IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENT OF NONCOMPLIANCE (ION)" REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT. THE REPORT ID NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
POST OFFICE BOX 19276
SPRINGFIELD, IL 62794-9276

DESCRIPTION OF INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

- 1) EXCAVATION AND REMOVAL OF EXISTING STRUCTURES AND PAVED SURFACES WILL BE COMPLETED AT LOCATIONS AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- 2) DRAINAGE STRUCTURES WILL BE INSTALLED BEFORE AND/OR DURING THE EXCAVATION AND REMOVAL OF THE EXISTING STRUCTURES TO ALLOW FOR PROPER DRAINAGE OF THE SITE.
- 3) PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEANUP OF TEMPORARY EROSION CONTROL, SUCH AS EROSION CONTROL FENCE, HAY OR STRAW BALE DITCH CHECKS, INLET PROTECTION, AND TEMPORARY SEEDING AND MULCHING.
- 4) FINAL GRADING AND PLACEMENT OF PERMANENT EROSION CONTROL SEEDING AND MULCHING.

AREA OF DISTURBED GROUND

THE TOTAL AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 2.14 ACRES.

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEM AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES. THE CONTRACTOR SHALL ABIDE TO ALL REQUIREMENTS WITHIN THIS PLAN AS PART OF THE CONTRACT.

ALL DISTURBED AREAS HAVING HIGH POTENTIAL FOR EROSION, AS DETERMINED BY THE ENGINEER, SHALL BE PERMANENTLY SEEDED AS SOON AS POSSIBLE.

MAINTENANCE AFTER CONSTRUCTION (WHERE APPLICABLE):

- 1) CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.
- 2) AREAS WILL BE INSPECTED ON A REGULAR BASIS BY THE ENGINEER AND THE VILLAGE OF BROADVIEW.
- 3) MAINTENANCE CREWS WILL ALSO AID IN ANY DRAINAGE PROBLEMS.
- 4) ALL MAINTENANCE WILL BE CONDUCTED AT TIMES WHEN WEATHER CONDITIONS WILL NOT CAUSE SITE DAMAGE.
- 5) CONTRACTORS SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF IEPA NPDES PERMIT ILR 10. RESTORATION SHALL OCCUR WITHIN 7 DAYS OF DISTURBANCE.
- 6) CONTRACTORS SHALL SUBMIT INSPECTION REPORTS TO THE VILLAGE AT LEAST ONCE PER SEVEN DAYS AND AFTER RAINFALL EVENTS OF HALF INCH (OR EQUIVALENT SNOW FALL).
- 7) THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.
- 8) TECHNIQUES SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
- 9) DAILY REMOVAL OF SEDIMENT AND DEBRIS FROM THE STREET SHALL BE REQUIRED OF THE CONTRACTOR.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

SCALE: 1"=40'

SHEET NO. 2 OF 2 SHEETS

STA. -

TO STA. -

FAU
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

1672

24-00145-00-CH

COOK

98

42

FIELD BOOK NO. : -

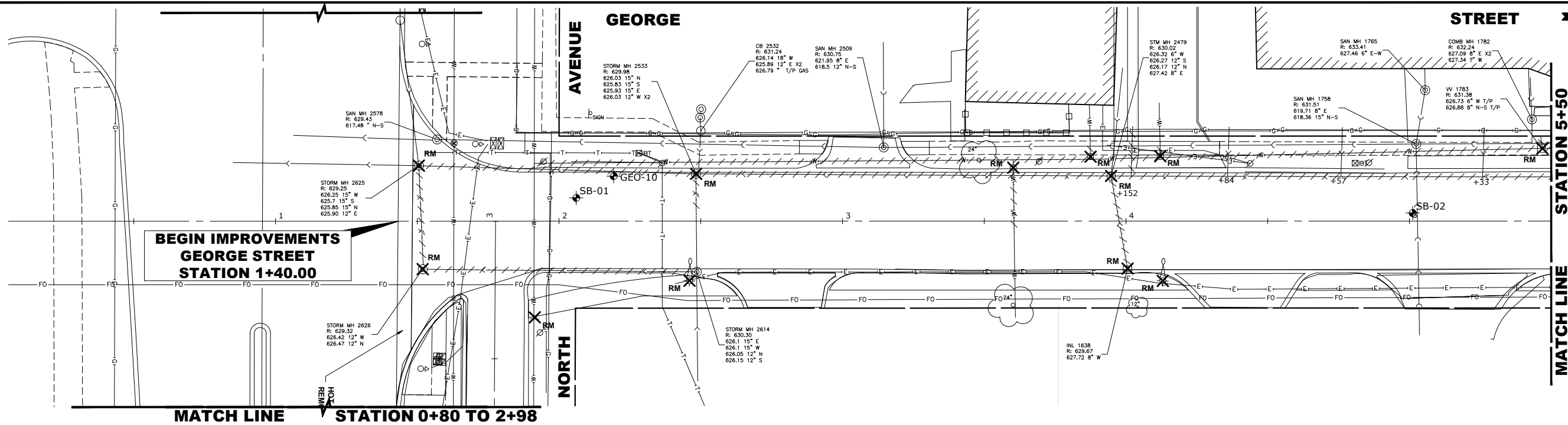
CONTRACT NO. 61M63

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

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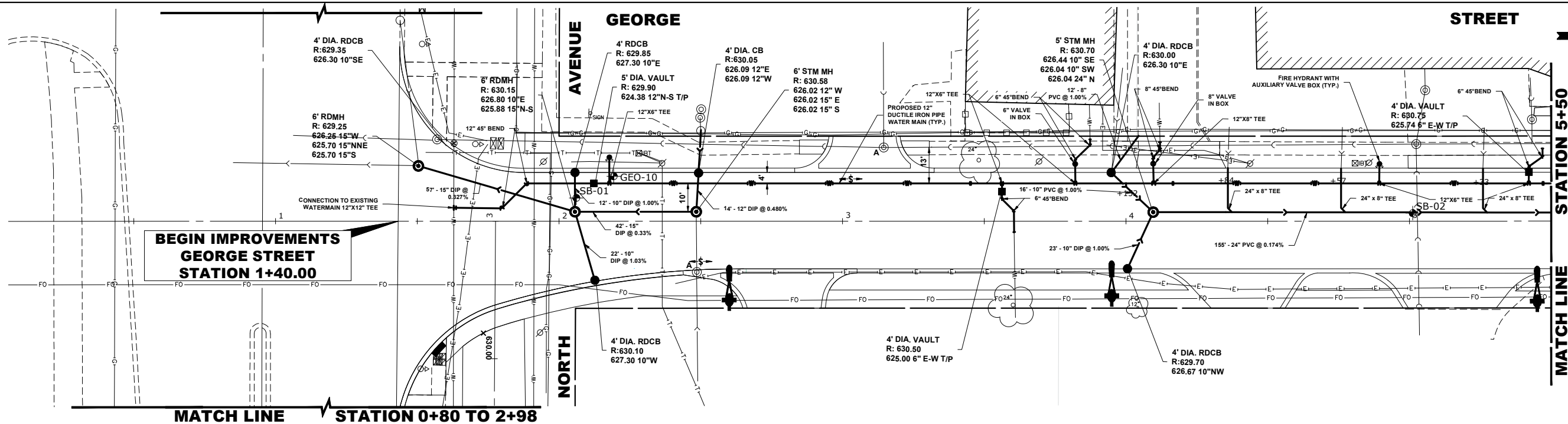
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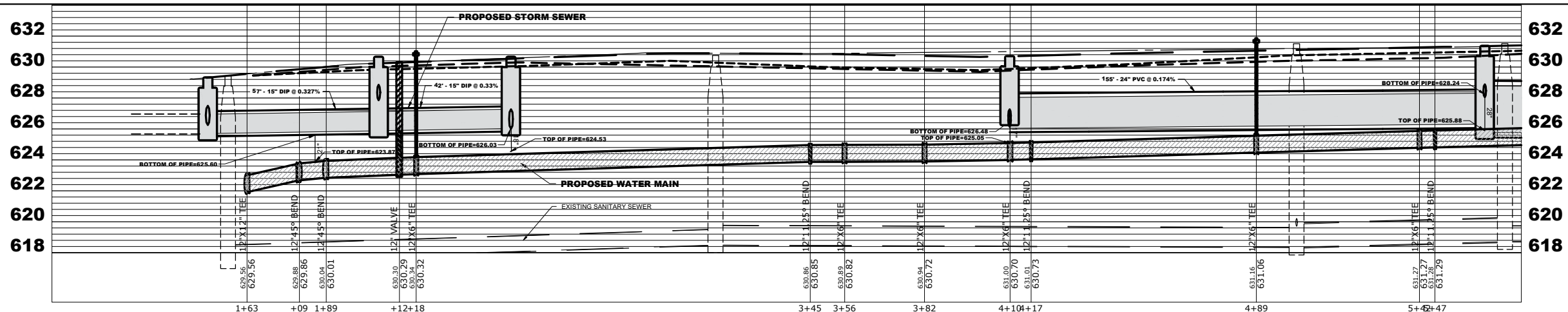
NOTES:

1. PIPE CONNECTIONS TO HAVE PRECAST RUBBER BOOTS CONFORMING TO ASTM C-923.
2. ALL ABANDONED COMBINED AND STORM SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2 FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY ENGINEER.
3. ALL PIPE REPLACEMENTS FROM 6" TO 12" IN SIZE SHALL BE PVC D-2241.

EXISTING
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=4' SHEET NO. 1 OF 8 SHEETS STA. 0+50 TO STA. 5+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	43
FIELD BOOK NO. -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

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STATE OF ILLINOIS
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GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET

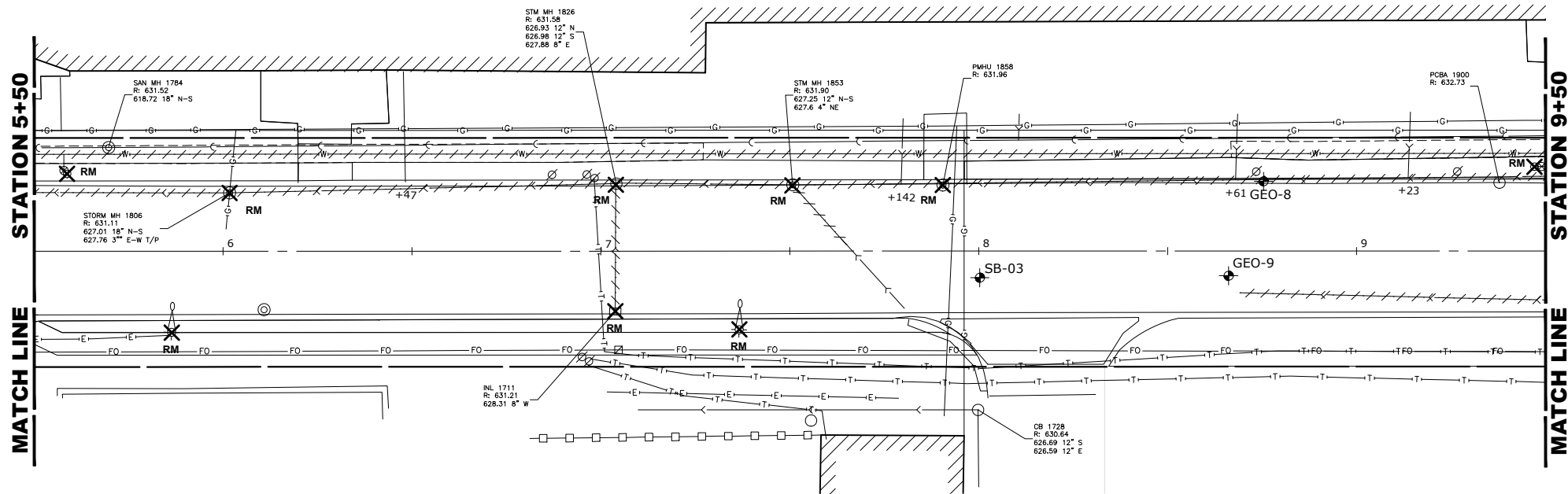
SCALE: H:1"=20', V:1"=4' SHEET NO. 2 OF 8 SHEETS STA. 5+50 TO STA. 9+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	44
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

GEORGE

STREET



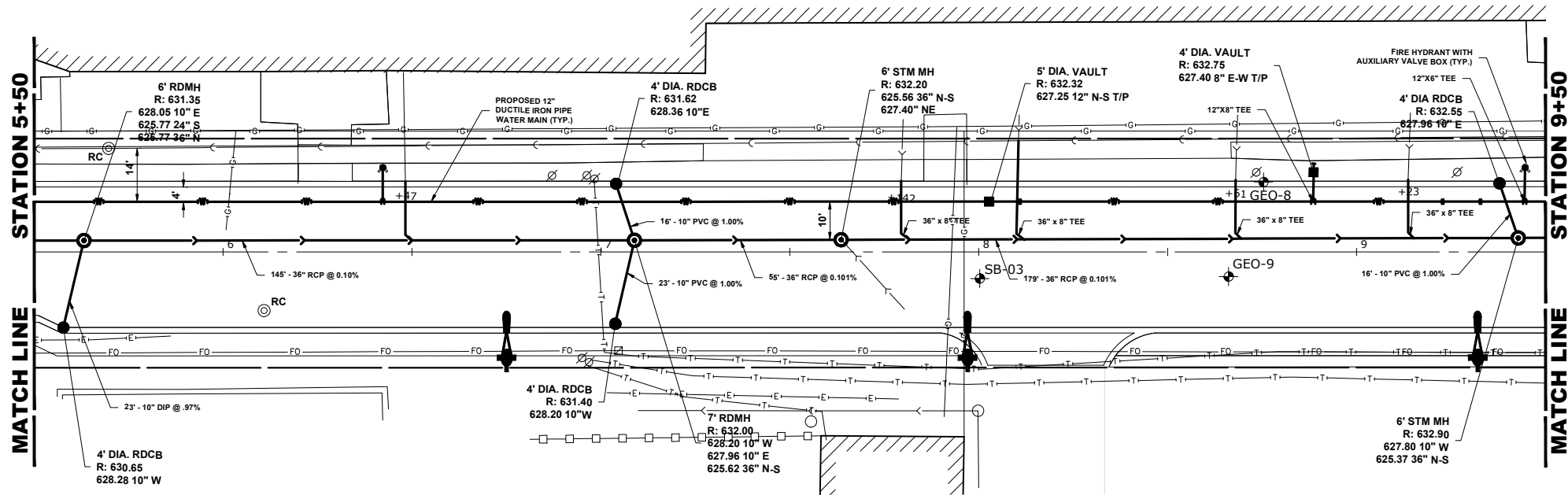
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- ALL PIPE REPLACEMENTS FROM 6" TO 12" IN SIZE SHALL BE PVC D-2241.

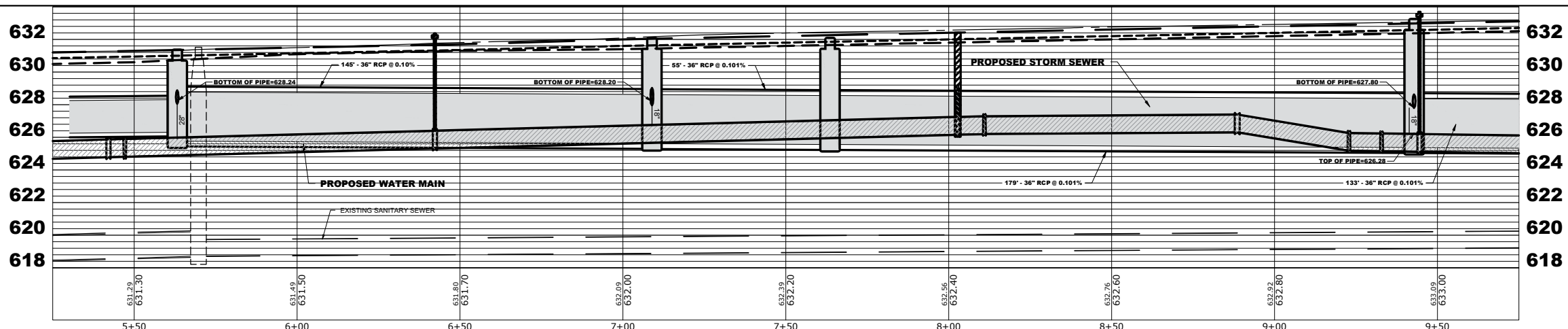
**EXISTING
TOPOGRAPHY**

GEORGE

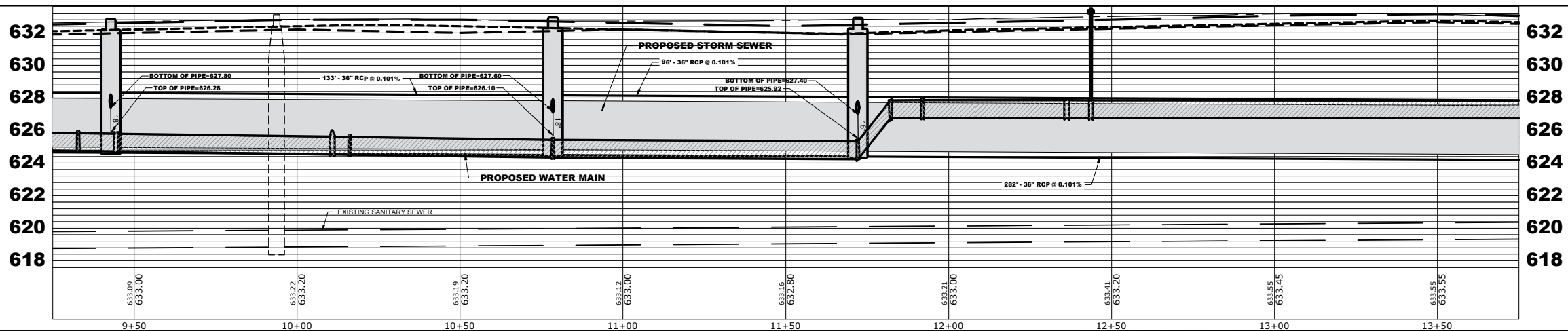
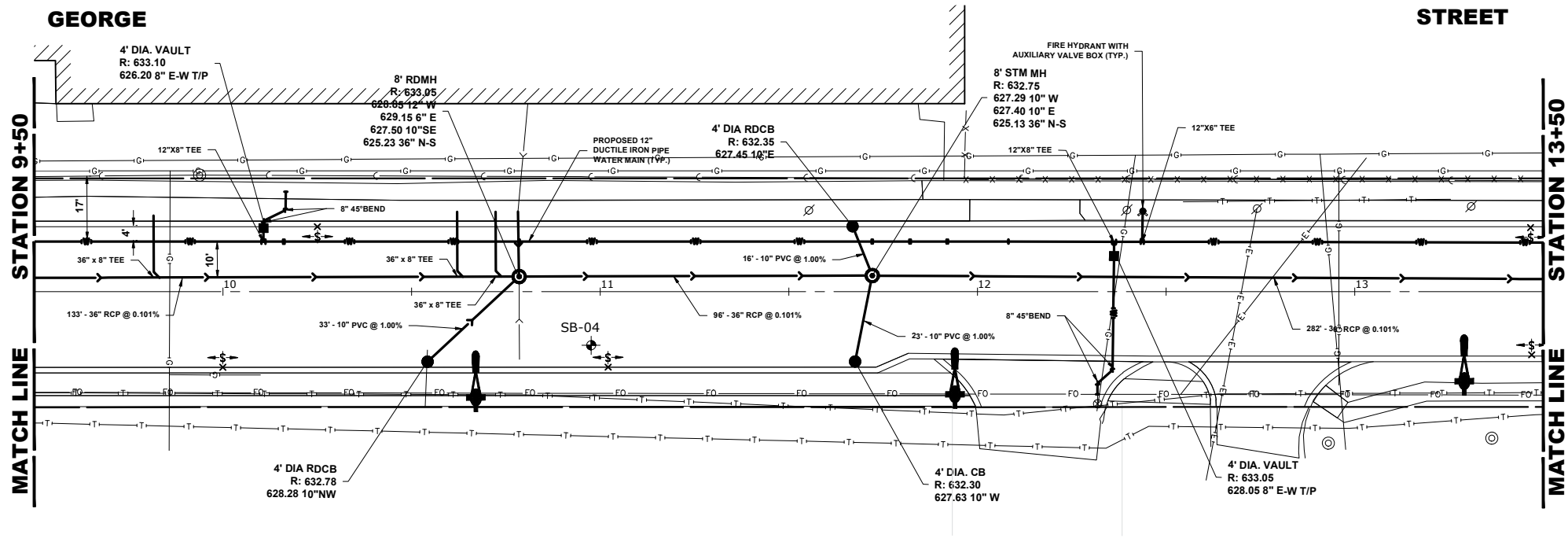
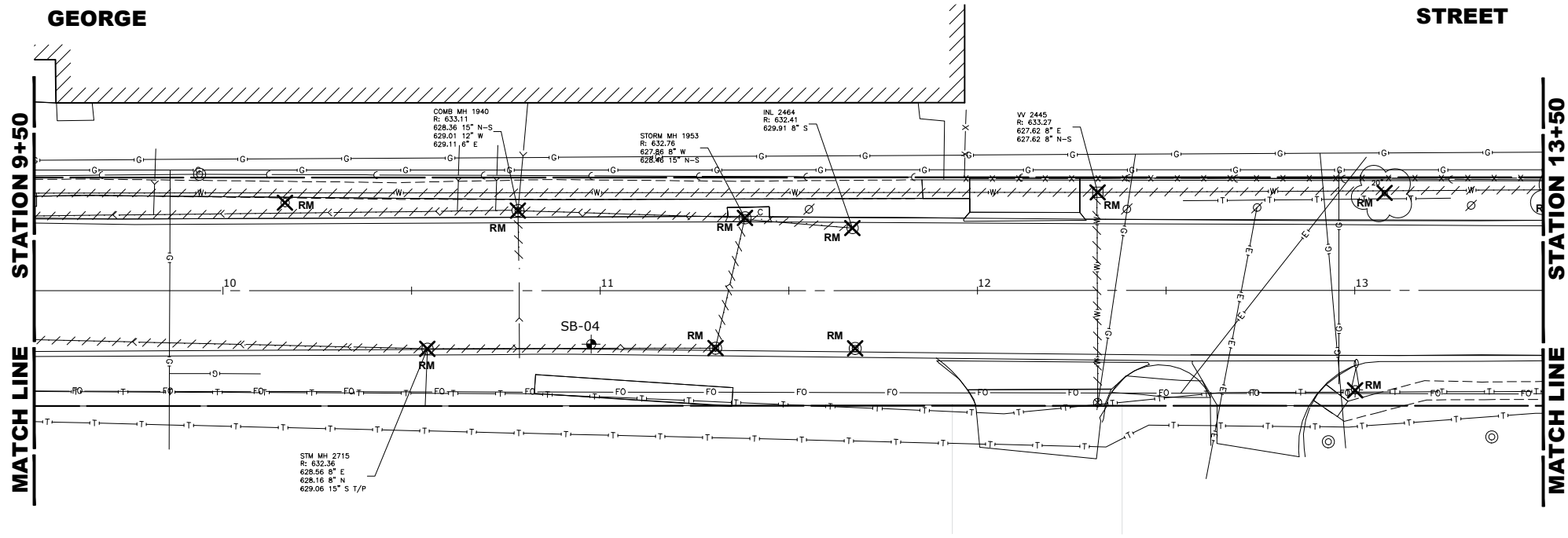
STREET



**PROPOSED
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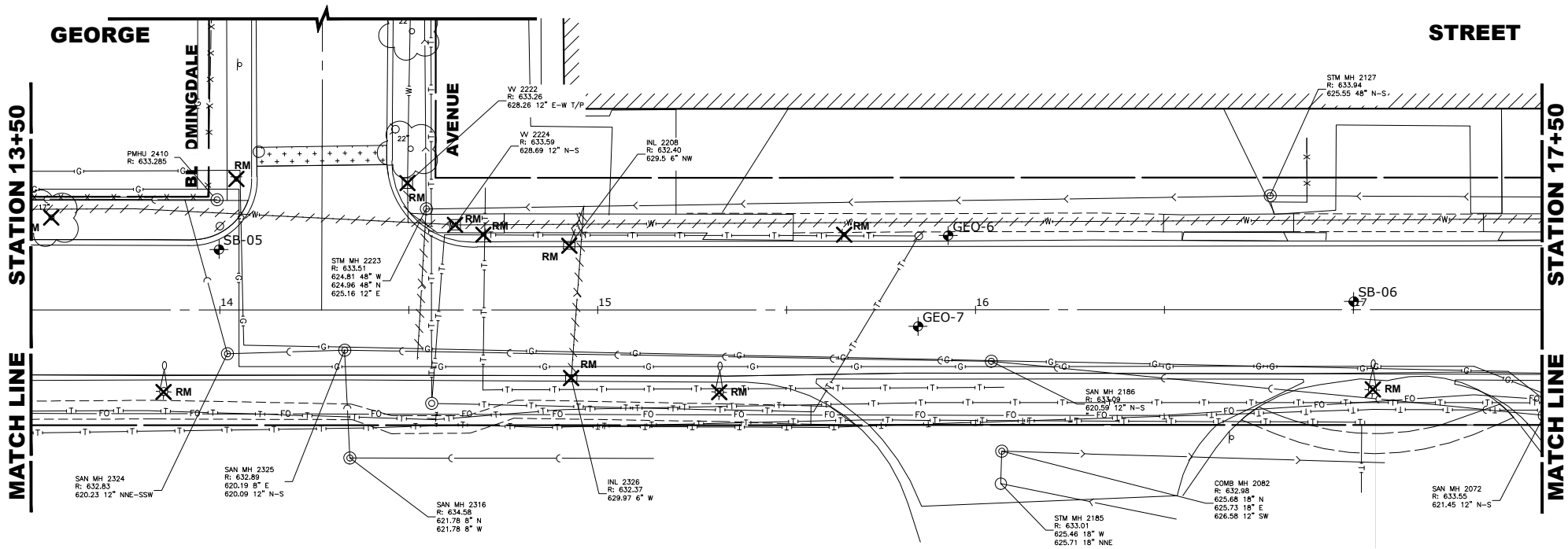
GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=4' SHEET NO. 3 OF 8 SHEETS STA. 9+50 TO STA. 13+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	45
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

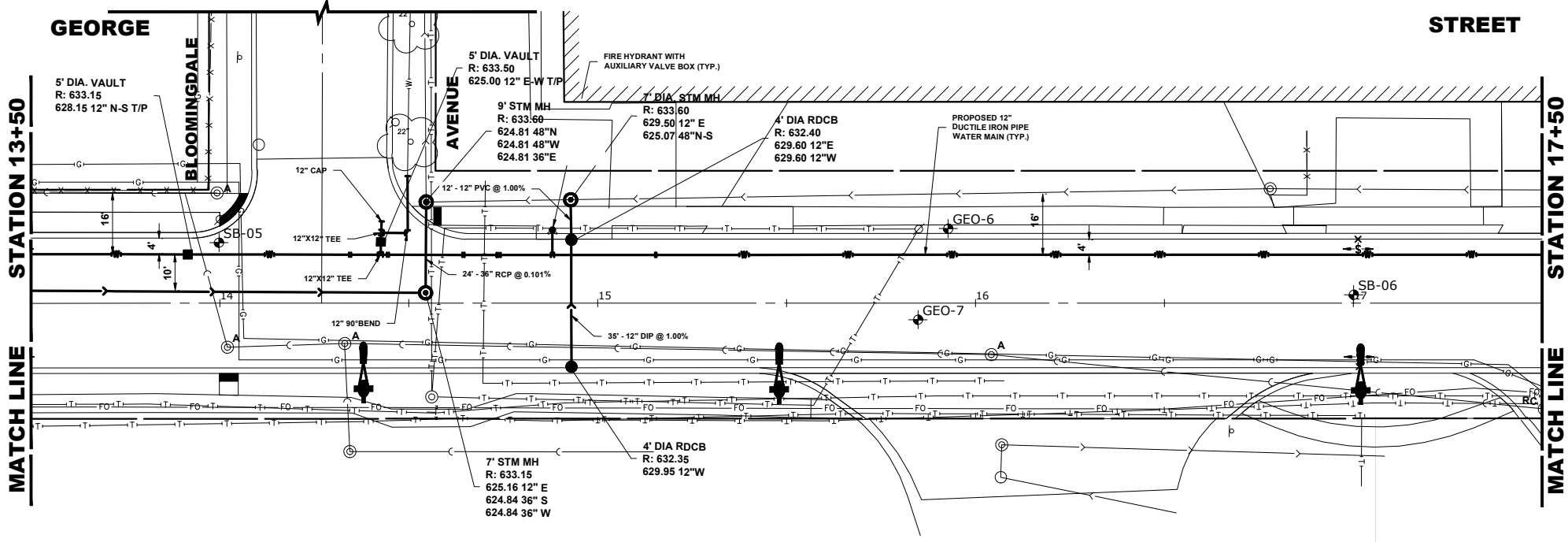
E.H.E. PROJECT NO. 600-25-231

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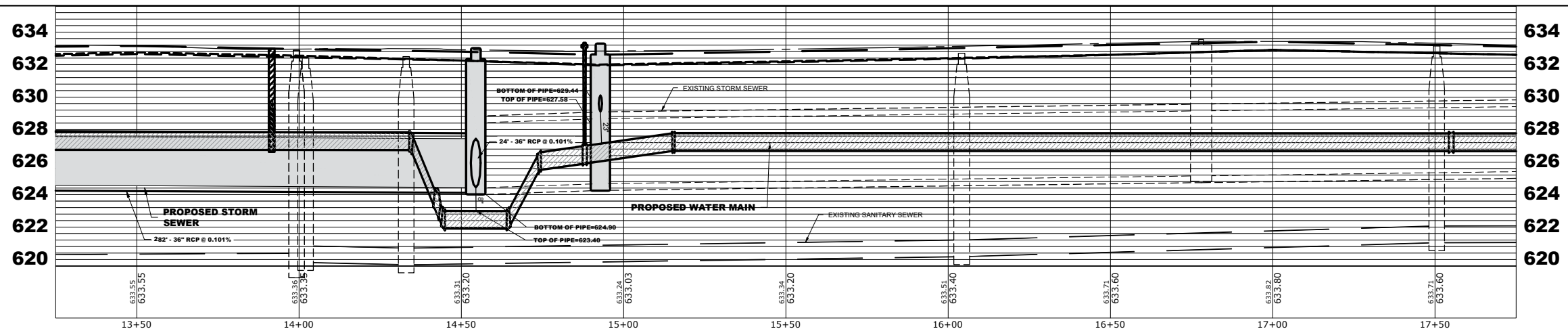


- NOTES:**
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EXISTING TOPOGRAPHY



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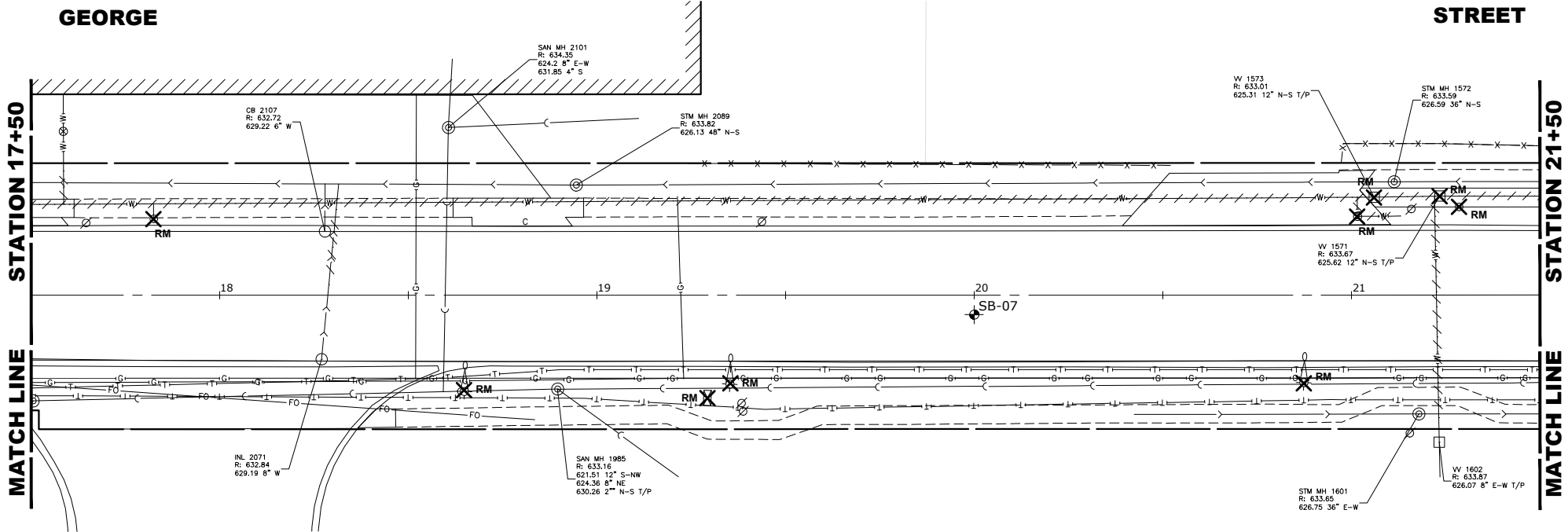
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DEPARTMENT OF TRANSPORTATION**

**GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET**
SCALE: H:1"=20', V:1"=4'
SHEET NO. 4 OF 8 SHEETS
STA. 13+50 TO STA. 17+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	46
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

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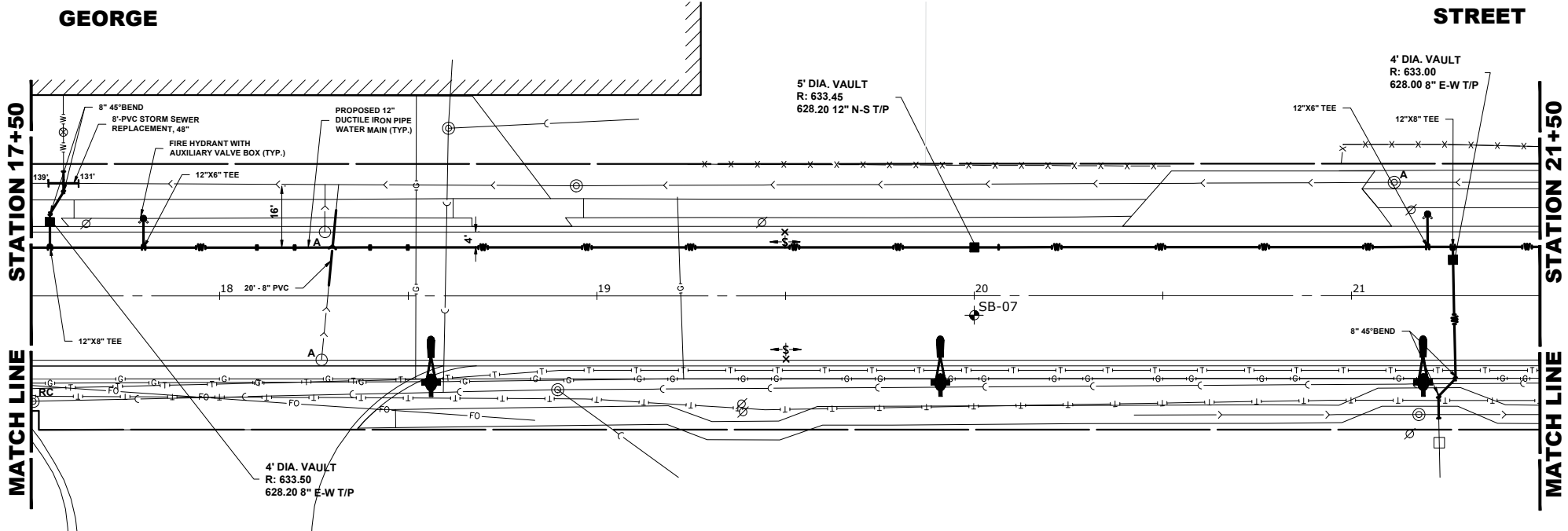
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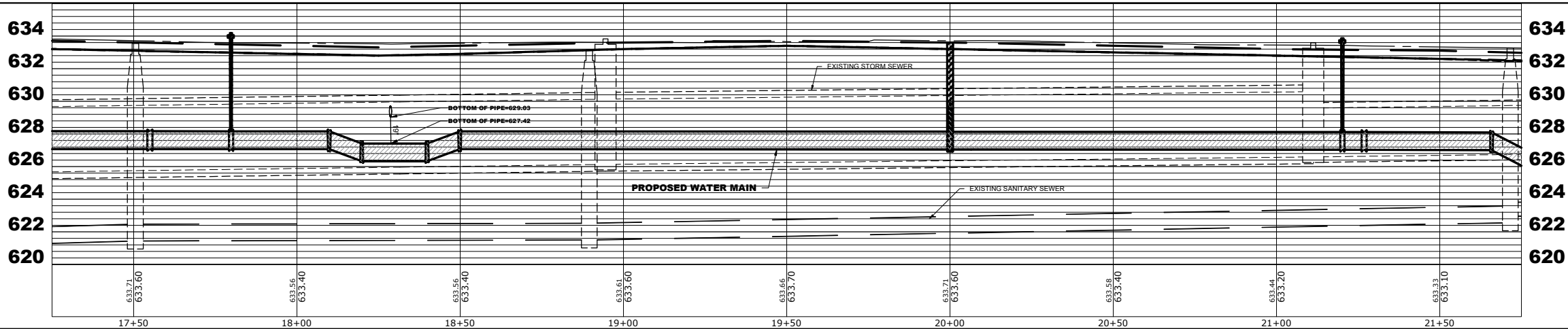
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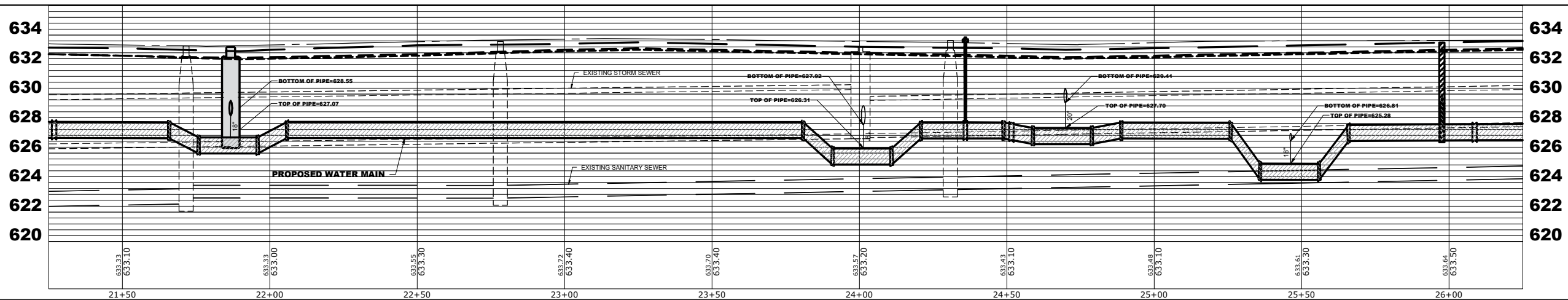
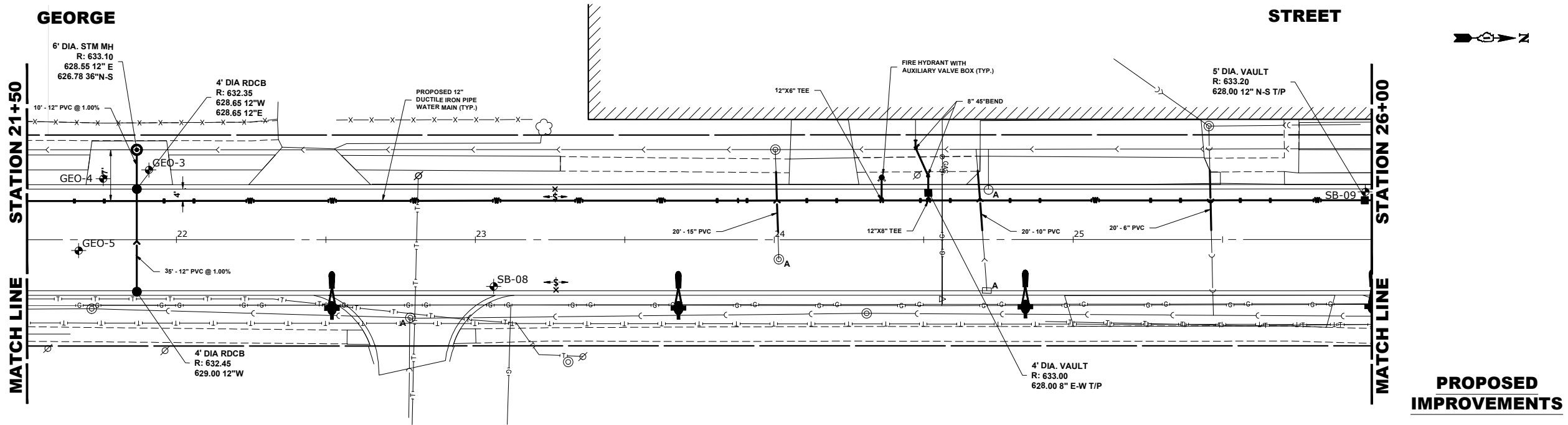
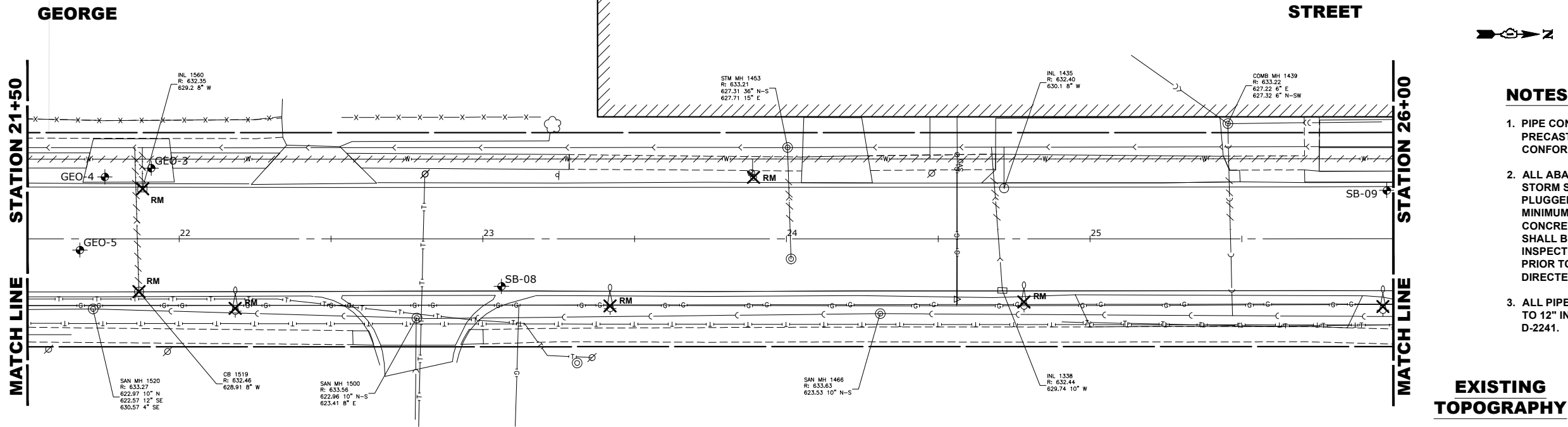
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET**

SCALE: H:1"=20', V:1"=4' SHEET NO. 5 OF 8 SHEETS STA. 17+50 TO STA. 21+50

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	47
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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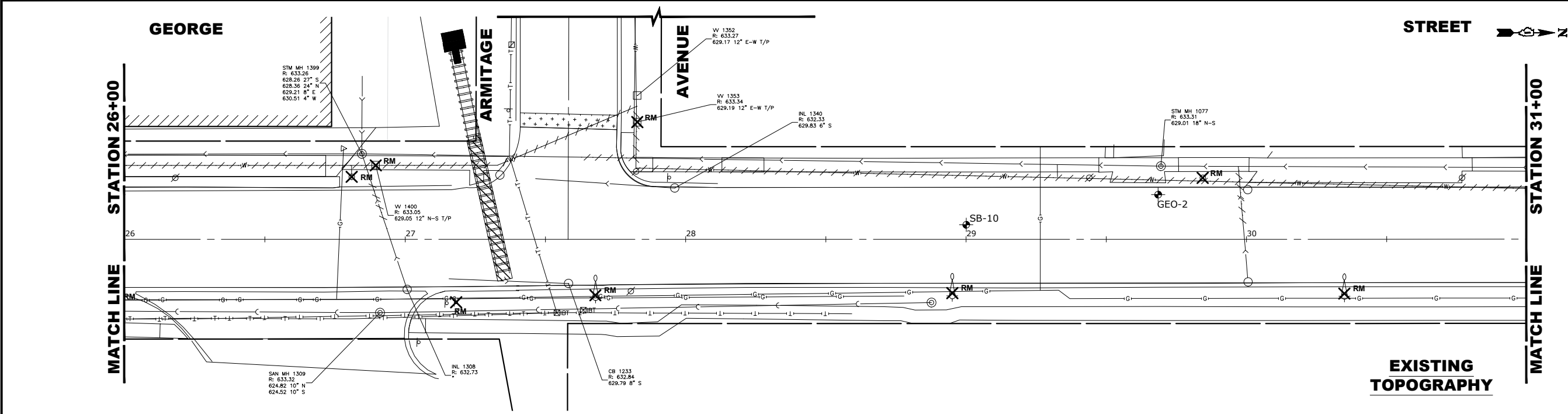
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEORGE STREET
UTILITIES PLAN AND PROFILE SHEET

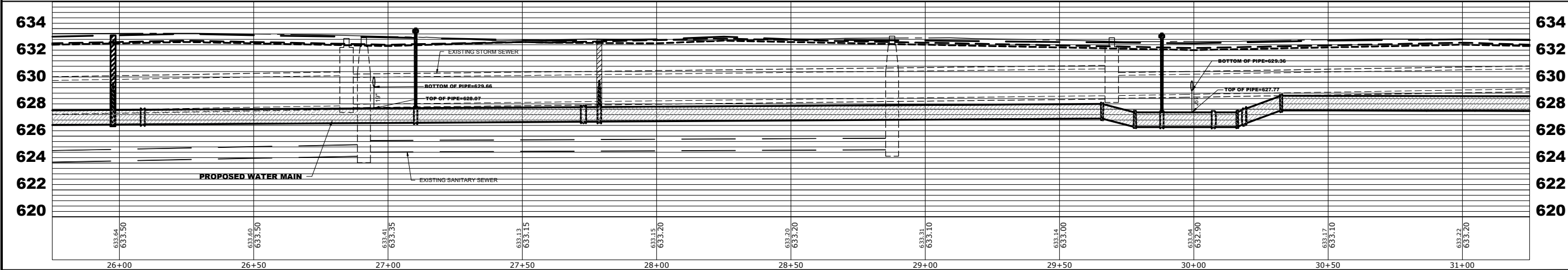
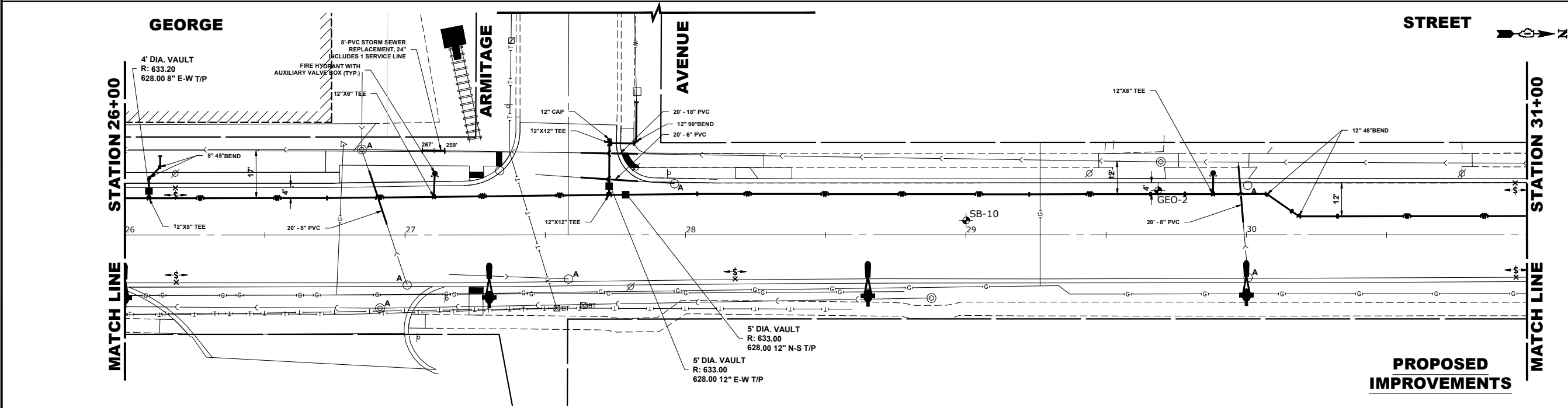
SCALE: H:1"=20', V:1"=4' SHEET NO. 6 OF 8 SHEETS STA. 21+50 TO STA. 26+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	48
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231



- NOTES:**
1. PIPE CONNECTIONS TO HAVE PRECAST RUBBER BOOTS CONFORMING TO ASTM C-923.
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 3. ALL PIPE REPLACEMENTS FROM 6" TO 12" IN SIZE SHALL BE PVC D-2241.





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DATE - 6-11-26

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REVISED -

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

GEORGE STREET

UTILITIES PLAN AND PROFILE SHEET

SCALE: H:1"=20', V:1"=4'

SHEET NO. 7 OF 8 SHEETS

STA. 26+00 TO STA. 31+00

FAU RTE. 1672

SECTION 24-00145-00-CH

FIELD BOOK NO. : -

FED. ROAD DIST. NO. 1 ILLINOIS

COUNTY COOK

TOTAL SHEETS 98

CONTRACT NO. 61M63

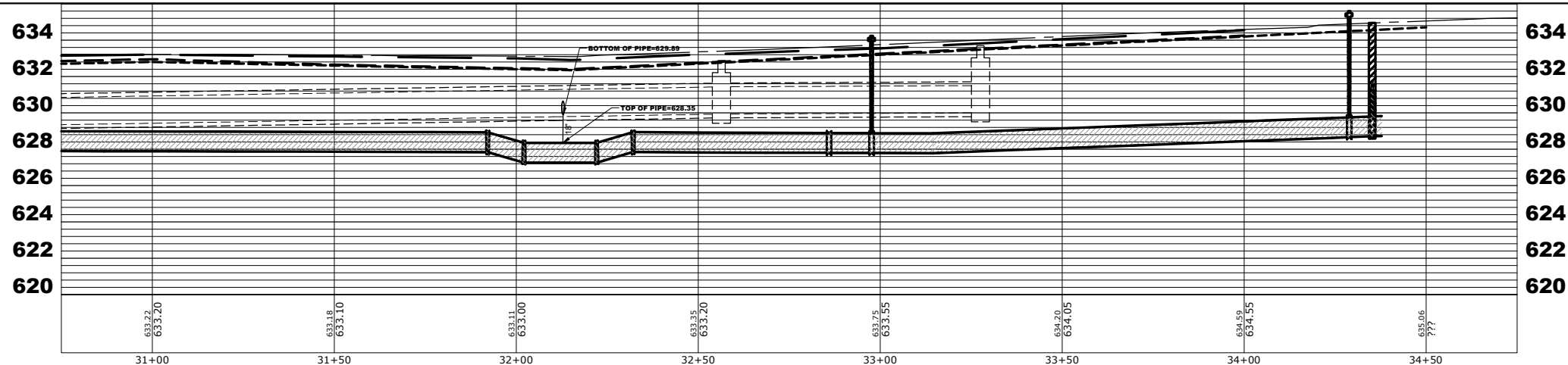
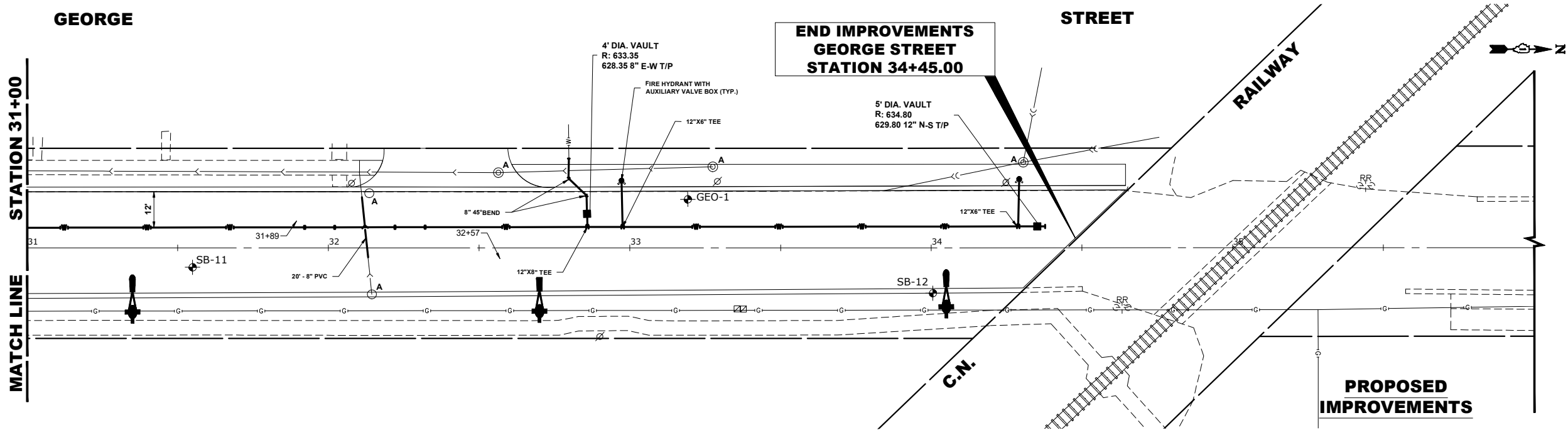
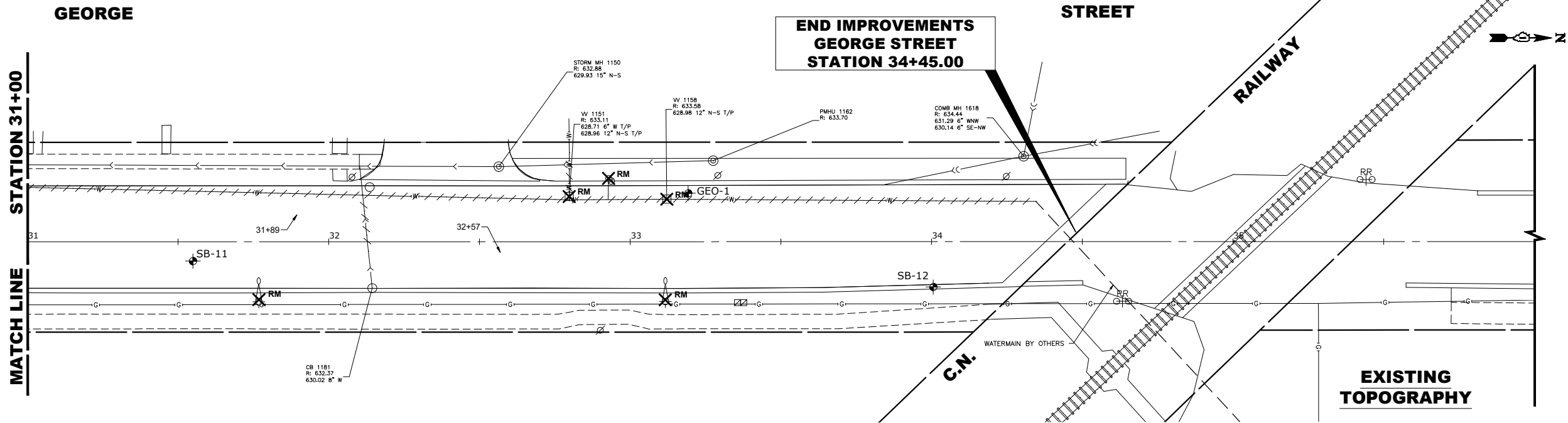
FED. AID PROJECT

SHEET NO. 49

Drawing file: W:\Projects_By_Village\Verose Park\60025231 - George Street - Phase II\SITE\George St Ph II Imports.dwg Aug 10, 2026 - 3:11pm

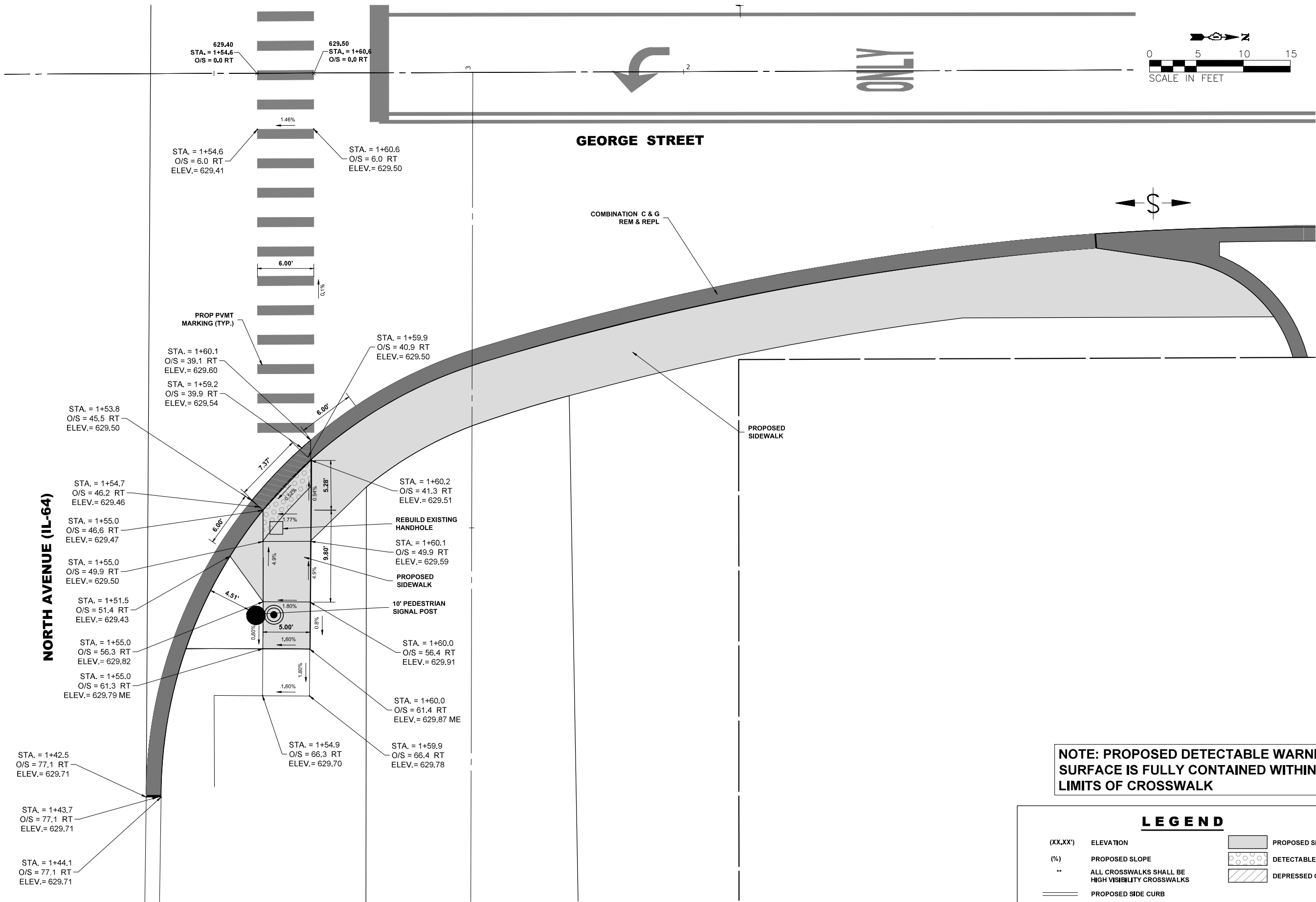
E.H.E. PROJECT NO. 600-25-231

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 HANCOCK ENGINEERING 1980's Years of Experience ◆ CMI Engineers ◆ Municipal Consultants ◆ Established 1911	9933 Roosevelt Road Westchester, IL 60154-2780 Phone: 708-665-0800 www.hancock.com	DESIGNED - RM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					GEORGE STREET UTILITIES PLAN AND PROFILE SHEET					FAU	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - GE, DMM, SA, LW, JCR	REVISED -											1672	24-00145-00-CH	COOK	98	50
		CHECKED - ELS	REVISED -											FIELD BOOK NO. : -				
		DATE - 6-11-26	REVISED -											CONTRACT NO. 61M63				
		SCALE: H:1"=20', V:1"=4'												SHEET NO. 8 OF 8 SHEETS		STA. 31+00 TO STA. 36+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

Drawing file: W:\projects_by_village\melrose park\60025231 - george street - phase ii\SITE\Prop_ADA.dwg Aug 14, 2026 - 9:24am



NOTE: PROPOSED DETECTABLE WARNING SURFACE IS FULLY CONTAINED WITHIN LIMITS OF CROSSWALK

LEGEND

(XX.XX')	ELEVATION		PROPOSED SIDEWALK
(%)	PROPOSED SLOPE		DETECTABLE WARNING
**	ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS		DEPRESSED CURB AND GUTTER
	PROPOSED SIDE CURB		
ME	MATCH EXISTING		



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CHECKED -	ELS	REVISED -	
DATE -	8-14-26	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

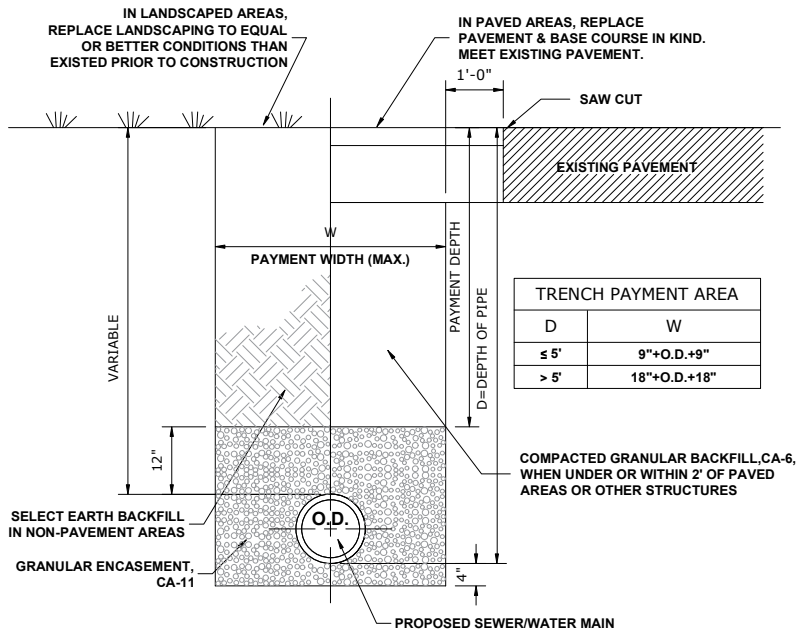
**ADA RAMP DETAILS
NORTH AVENUE (IL 64) AT GEORGE STREET**

SCALE: 1"=5'	SHEET NO. 1 OF 3 SHEETS	STA. -	TO STA. -
--------------	-------------------------	--------	-----------

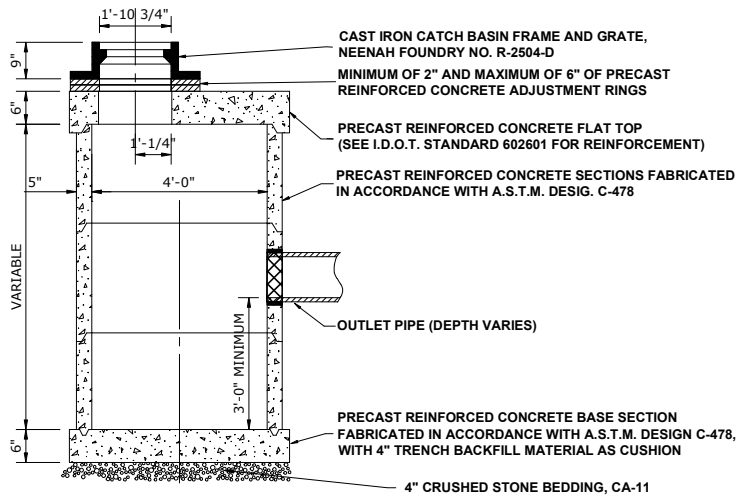
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	51
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

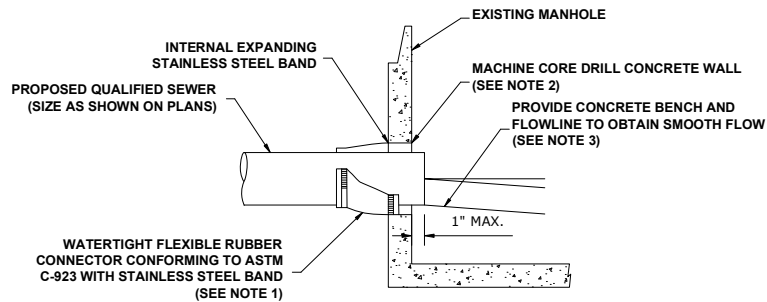
Drawing file: W:\Projects_by_Village\Meiose Park\60025231 - George Street - Phase II\DETAILS.dwg Aug 10, 2026 - 3:12pm



TYPICAL SEWER AND WATER MAIN TRENCH



RESTRICTED DEPTH CATCH BASIN



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.

PIPE TO EXISTING MANHOLE CONNECTION



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SEWER AND WATER DETAILS

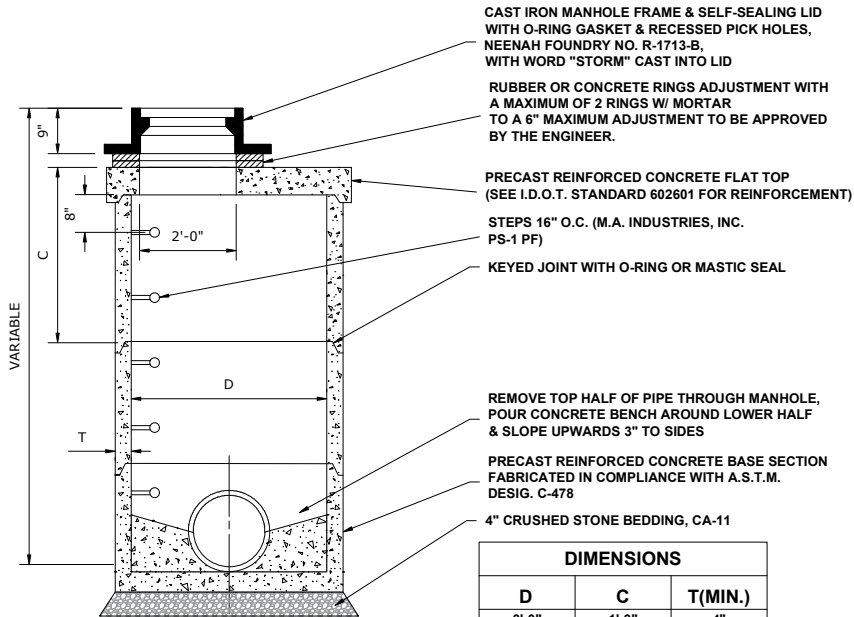
SCALE: - SHEET NO. 1 OF 3 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	54
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

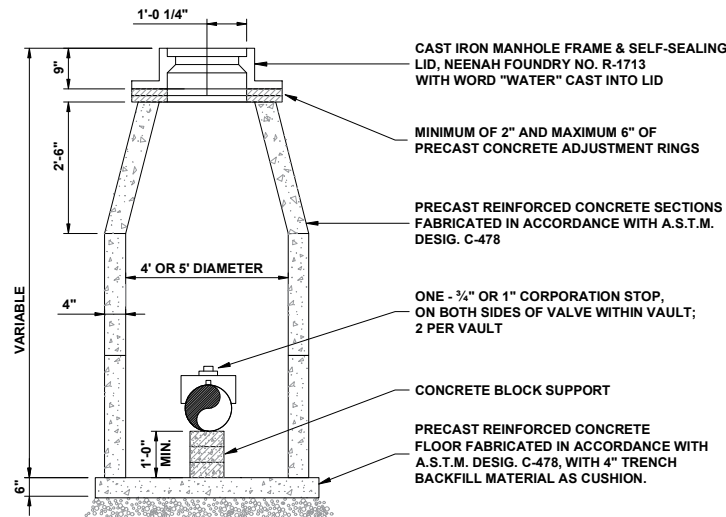
E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

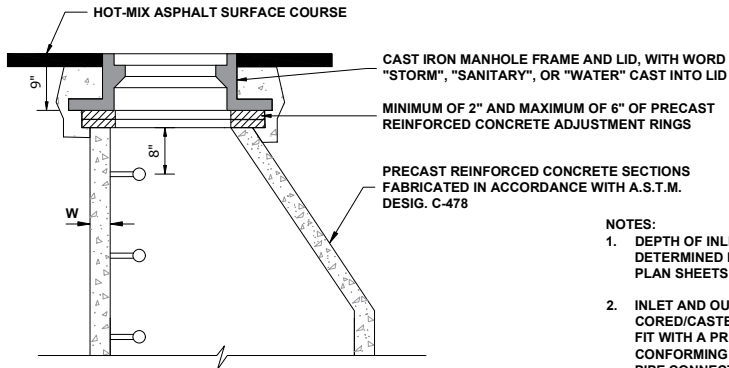
Drawing file: W:\Projects_by_Village\Weirase Park\60025231 - George Street - Phase II\DETAILS.dwg Aug 10, 2026 -- 3:12pm



RESTRICTED DEPTH STORM MANHOLE

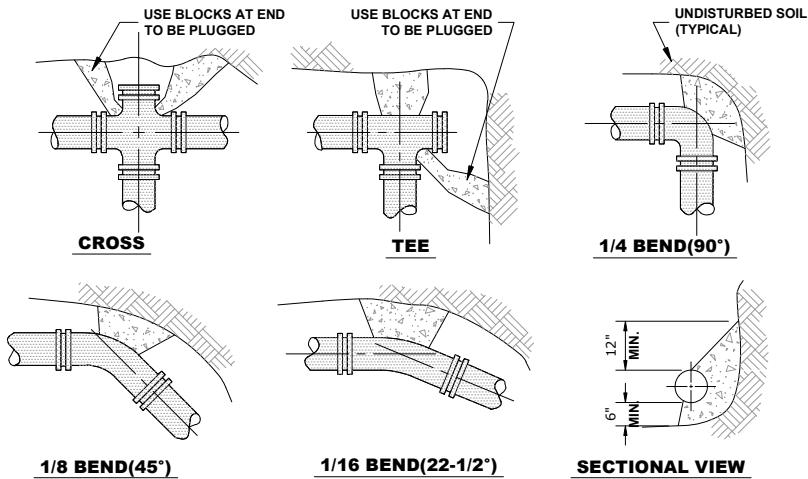


VALVE VAULTS, TYPE A, 4' OR 5' DIAMETER
TYPE 1 FRAME, CLOSED LID



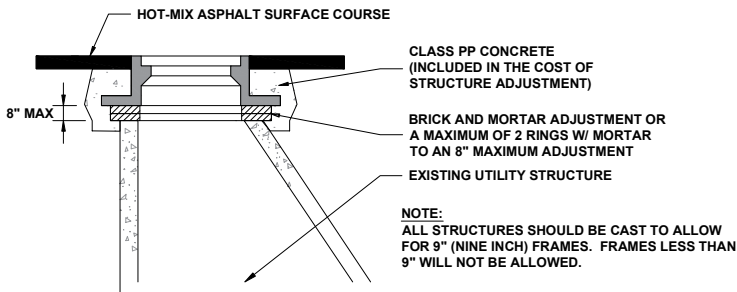
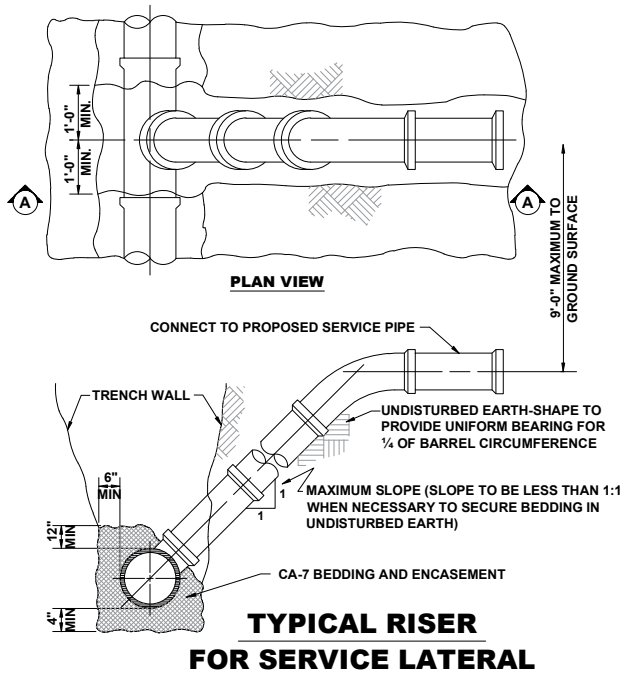
STRUCTURE RECONSTRUCTION

- NOTES:
1. DEPTH OF INLET AND OUTLET PIPES TO BE DETERMINED FROM PROPOSED AND EXISTING PLAN SHEETS
 2. INLET AND OUTLET PIPES TO BE CORED/CASTED INTO PRECAST SECTION AND FIT WITH A PRECAST RUBBER BOOTS CONFORMING TO ASTM DESIG. C-923 AT ALL PIPE CONNECTIONS
 3. DEPTH OF STRUCTURES TO BE RECONSTRUCTED TO BE DETERMINED BY THE ENGINEER.

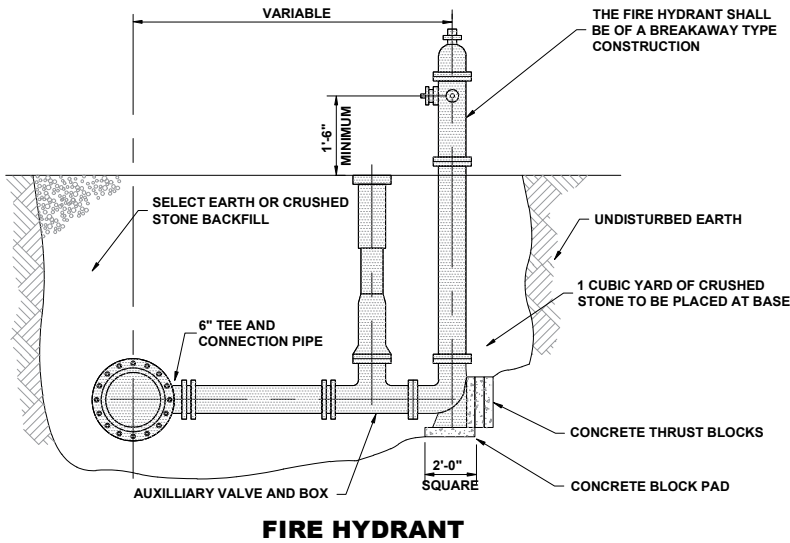


- NOTE:
1. THRUST BLOCKS TO BE USED AT 1/16(22-1/2°) OR GREATER BENDS & AT ALL ENDS TO BE PLUGGED.
 2. PRECAST CONCRETE THRUST BLOCKS TO BE PLACED AGAINST FIRM, UNDISTURBED SOIL.

THRUST BLOCK



STRUCTURE ADJUSTMENT



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PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION ABOVE EXISTING WATER MAIN

GUIDELINES

- IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
- A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION

GUIDELINES

- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.
- A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;
B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION

GUIDELINES

- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
- IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
- POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MINIMUM VERTICAL SEPARATION

GUIDELINES

- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. **NOT ALLOWED.**

NOT ALLOWED* MUST MAINTAIN 18" VERTICAL SEPARATION

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

GUIDELINES

- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
- IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

*BASED ON STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED

PLAN VIEW

PER IEPA, WHEN **PROPOSED** SEWER (OR WATER) IS LOCATED **LESS THAN 10 FEET** FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY

NOT TO SCALE

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DEPARTMENT OF TRANSPORTATION

SEWER AND WATER DETAILS

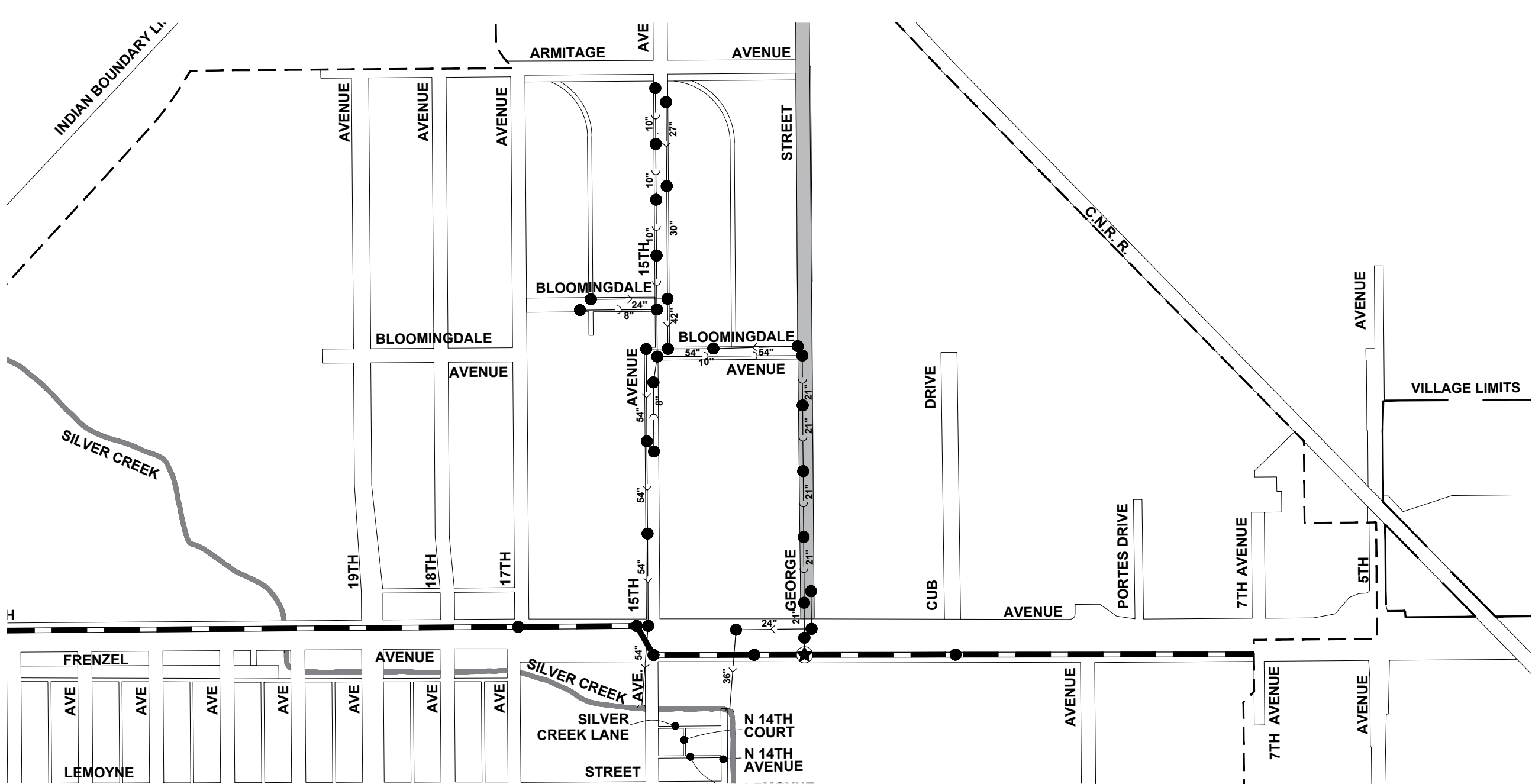
SCALE: - SHEET NO. 3 OF 3 SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	56
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase I\WWRD_GENERAL_NOTES.dwg Aug 10, 2026 - 3:12pm



LEYDEN TOWNSHIP 40 NORTH, RANGE 12 EAST, SECTION 34

- PROJECT LOCATION
ROUTE OUTLET MAP

- MWRD INTERCEPTOR
- TARP
- CONNECTION TO MWRD INTERCEPTOR
- CONNECTION TO TARP
- POINT OF DISCHARGE INTO LOCAL WATERWAY
- VILLAGE OF MELROSE PARK STORM SEWER
- VILLAGE OF MELROSE PARK SANITARY SEWER

PROJECT LOCATED IN
THE VILLAGE OF MELROSE PARK

NOTE:
1. ALL SEWERS FROM PROJECT LOCATIONS TO SILVER CREEK, MWRD INTERCEPTOR, OR TARP SYSTEM ARE OWNED AND MAINTAINED BY THE VILLAGE OF MELROSE PARK.



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DATE -	6-11-26	REVISED -	

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M.W.R.D.G.C. ROUTE OUTLET MAP

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	57
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Meiose Park\60025231 - George Street - Phase II\SITE\George St Ph II Imports.dwg Aug 10, 2026 - 3:13pm

JOB-SITE SIGNING CODES AND SIZES		
SYMBOL	SIGN	CODE & SIZE
		R1-1 30"x30"
		R2-1 24"x30"
		R7-1 12"x18"
		R7-6 12"x18"
		R7-6 12"x18"
		R7-1 12"x18"
		R7-1 12"x18"
		R1-3P 24"x18"

SIGNING NOTES:

- DESIGN:

AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 2013. (2025 INTERIM REVISIONS)
- CONSTRUCTION:

CURRENTS STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS, AND APPLICABLE SPECIAL PROVISIONS.
- LOADING:

FOR 80 MPH WIND VELOCITY WITH 30% GUST FACTOR, NORMAL TO SIGN.
- SOIL PRESSURE:

MINIMUM ALLOWABLE SOIL PRESSURE = 1.25 TSF.
- MATERIALS:

POSTS SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.29, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, STATE OF ILLINOIS.

HARDWARE FOR ATTACHING SIGN PANELS TO POSTS SHALL BE CADMIUM OR ZINC COATED STEEL, STAINLESS STEEL, OR ALUMINUM, AND SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS: CADMIUM OR ZINC COATED STEEL: BOLTS, NUTS, AND WASHERS: ASTM A165, TYPE NS. ZINC COATED IN ACCORDANCE WITH AASHTO M-232 OR ASTM A164, TYPE GS.
- STAINLESS STEEL:

BOLTS: ASTM A193, CLASS I, GRADE B8, NUTS: ASTM A194, GRADE 8 OR 8F, WASHERS: ASTM A240, TYPE 302 OR 304.
- ALUMINUM:

BOLTS: ASTM B211 ALLOY 6061-T6 OR 2024-T4, NUTS: ASTM B211 ALLOY 6061-T6 OR 6262-T9, WASHERS: ASTM B209 ALCLAD 2024-T4.

NOTE: PER 2009 MUTCD SECTION 2D.45, PARAGRAPH 05, STREET NAME SIGNS ARE TO BE MIXED CASE FONT.

SYMBOL	DESCRIPTION
	METAL POST - TYPE A



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REVISED -	

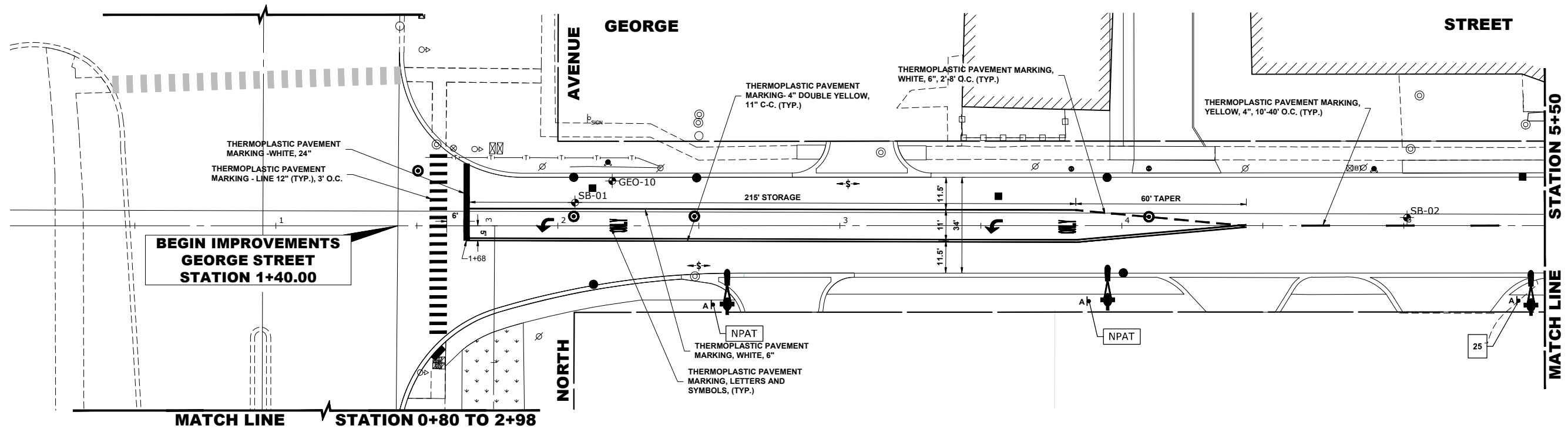
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEORGE STREET
SIGNING PLAN LEGEND AND NOTES

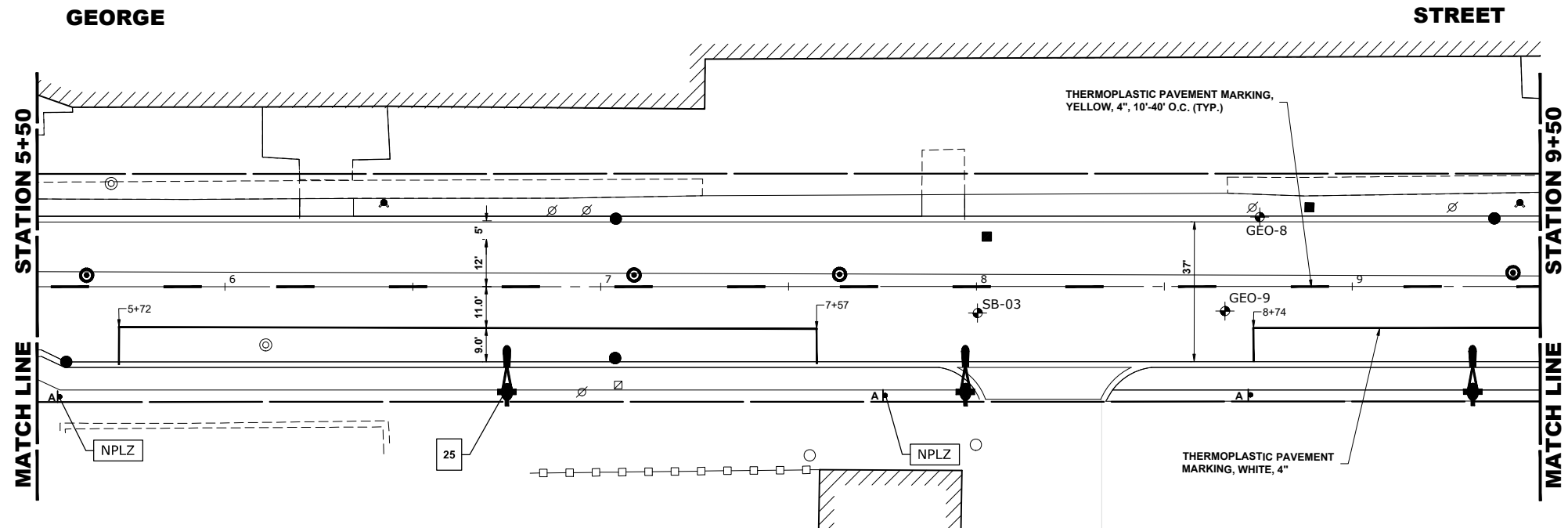
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	58
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

Drawing file: W:\Projects_by_Village\Meirose Park\60025231 - Phase II\SITE\George St Ph II Imports.dwg Aug 10, 2026 -- 3:13pm



PROPOSED IMPROVEMENTS



PROPOSED IMPROVEMENTS



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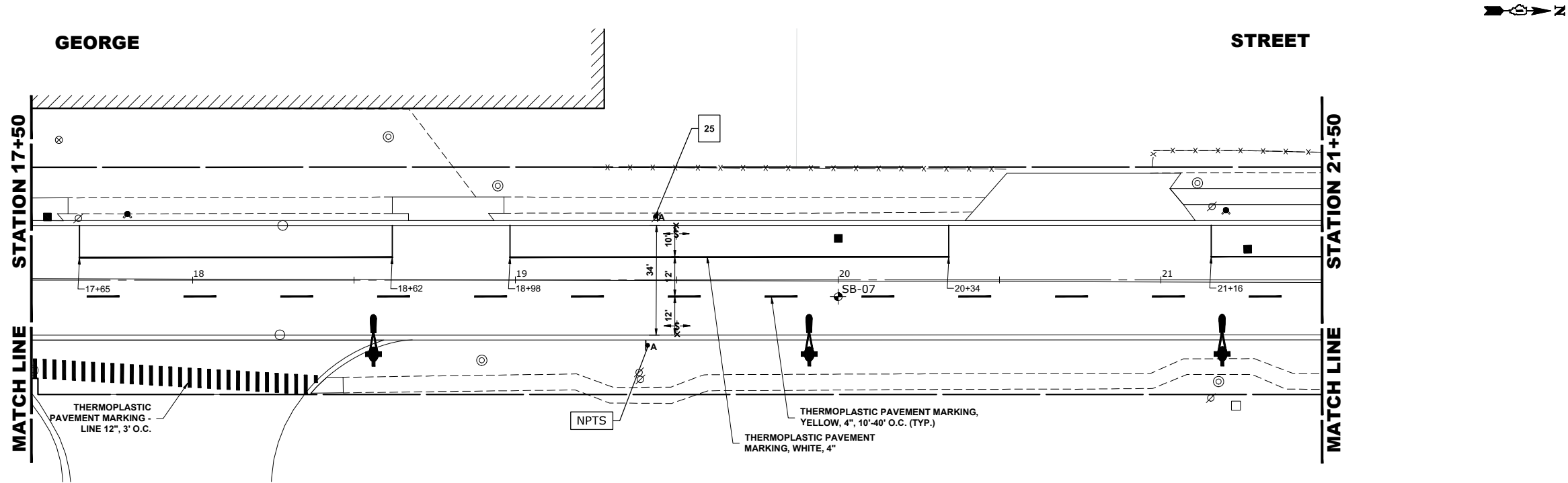
GEORGE STREET
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 0+50 TO STA. 9+50

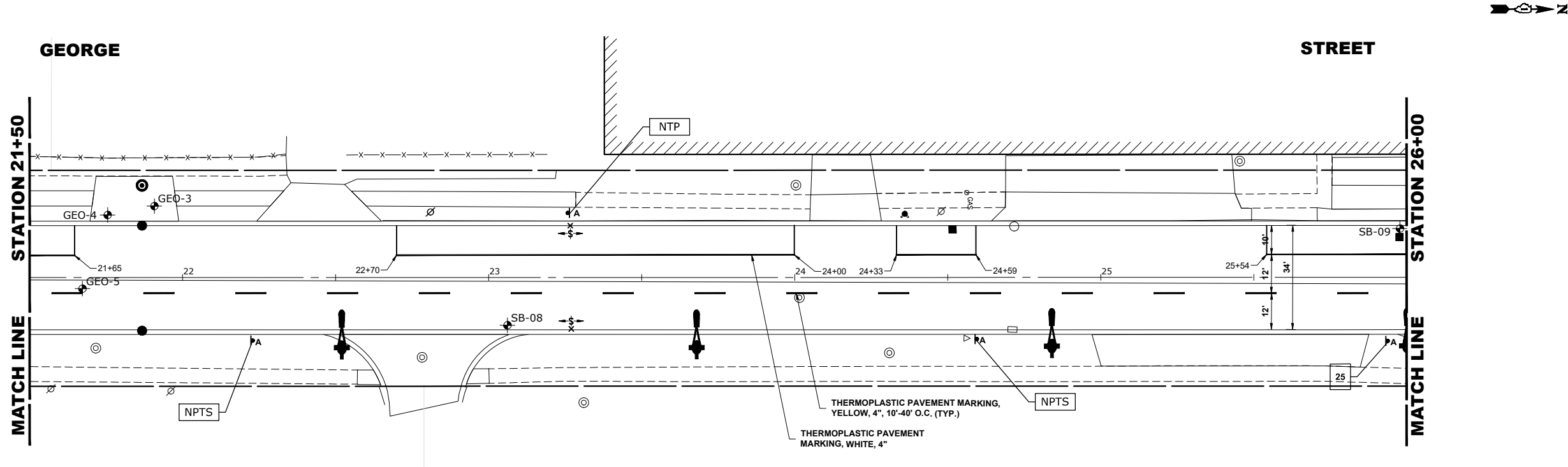
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	59
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Wetmore Park\60025231 - Phase II\Site\George St Ph II inputs.dwg Aug 10, 2026 -- 3:13pm



**PROPOSED
IMPROVEMENTS**



**PROPOSED
IMPROVEMENTS**



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REVISED -	

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**GEORGE STREET
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=20'

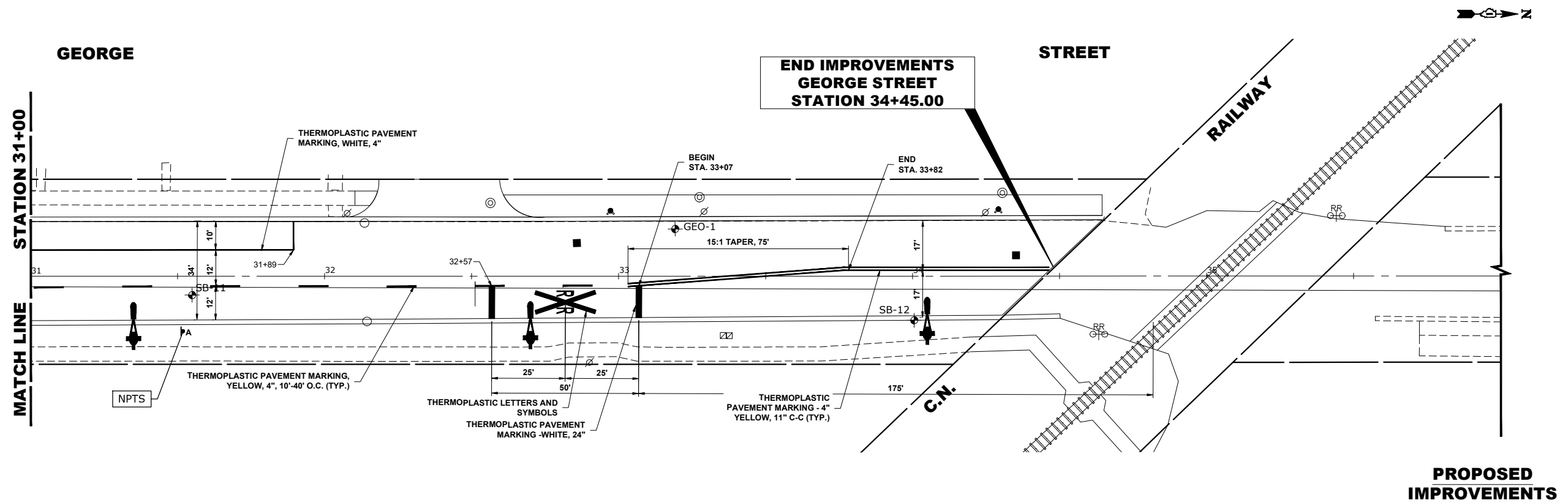
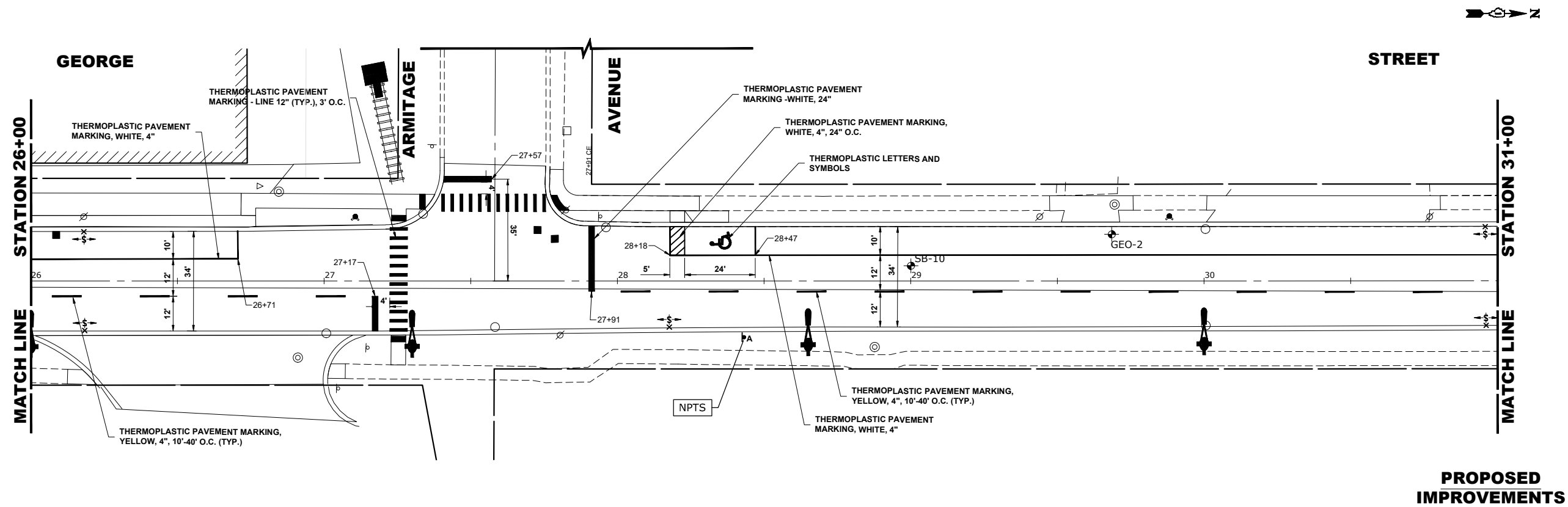
SHEET NO. 3 OF 4 SHEETS

STA. 17+50

TO STA. 26+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	61
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231



TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS		
UNINTERRUPTABLE POWER SUPPLY			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
MASTER CONTROLLER			JUNCTION BOX			ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
MASTER MASTER CONTROLLER			RAILROAD CANTILEVER MAST ARM			ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6		
CELLULAR MODEM			RAILROAD CROSSBUCK			GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C		
TELEPHONE CONNECTION			RAILROAD CONTROLLER BUNGALOW			ELECTRIC CABLE, TRACER, NO. 14, 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			ELECTRIC CABLE, RAILROAD, NO. 14, 3/C		
ALUMINUM MAST ARM ASSEMBLY AND POLE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			SYSTEM ITEM			VENDOR CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			INTERSECTION ITEM			EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C		
WOOD POLE			REMOVAL ITEM			OUTDOOR RATED NETWORK CABLE		
GUY WIRE			RELOCATE ITEM			FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE		
SIGNAL HEAD			ABANDON ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
SIGNAL HEAD WITH BACKPLATE			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
SIGNAL HEAD - PROGRAMMABLE			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			DETECTOR LOOP, TYPE I					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			PREFORMED DETECTOR LOOP					
RADAR DETECTION SENSOR			WIRELESS DETECTOR SENSOR					
VIDEO DETECTION CAMERA								
RADAR/VIDEO DETECTION ZONE								
PAN, TILT, ZOOM (PTZ) CAMERA								
EMERGENCY VEHICLE LIGHT DETECTOR								
CONFIRMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								
WIRELESS ACCESS POINT								



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DATE -	6-11-26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN
DETAILS

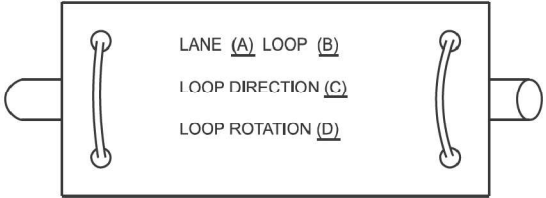
SCALE: SHEET NO. 1 OF 17 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	63
FIELD BOOK NO.: TS-01		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

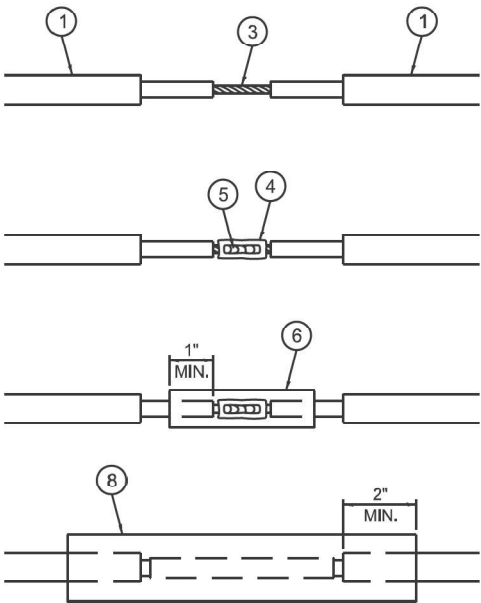
DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON, BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



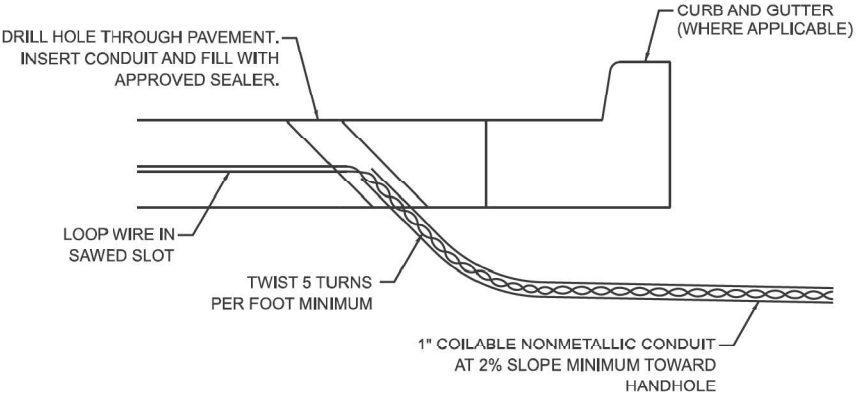
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

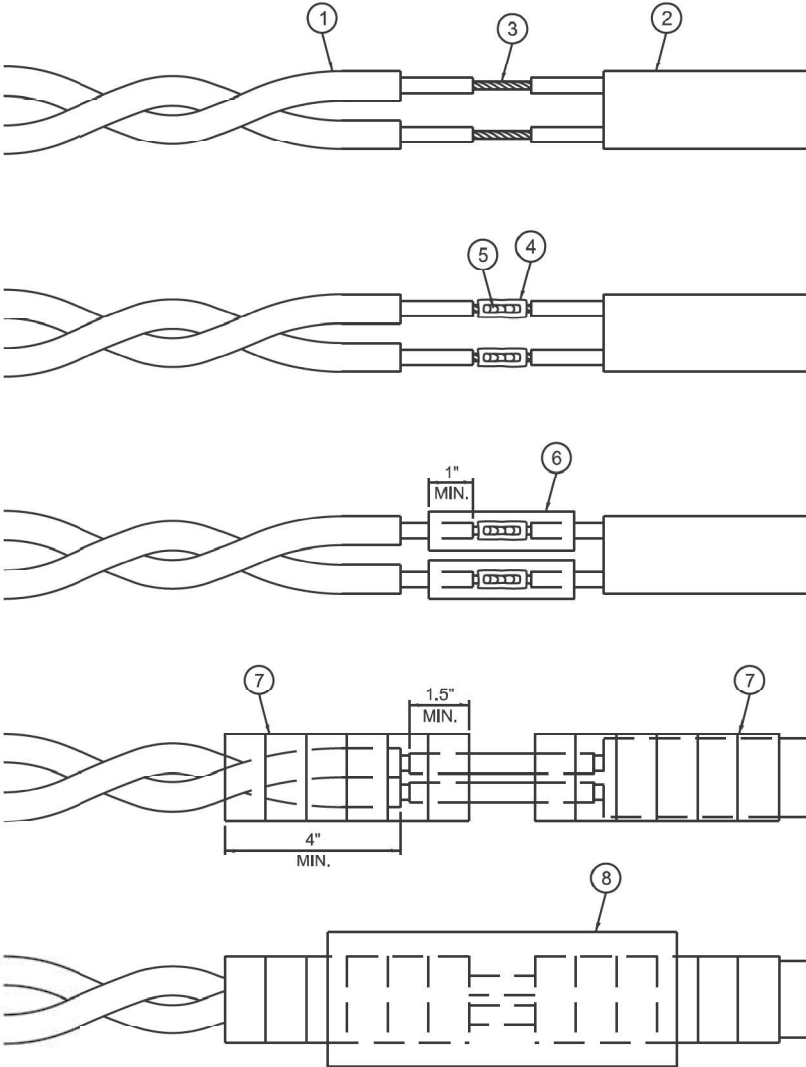


LOOP-TO-LOOP SPLICE DETAIL

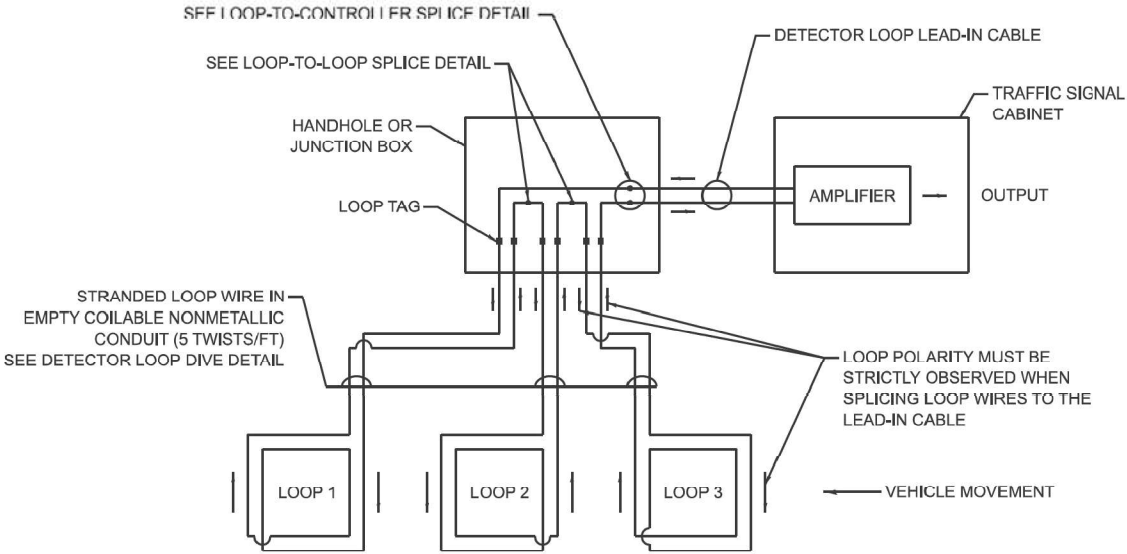
- 1 DETECTOR LOOP CABLE.
- 2 DETECTOR LOOP LEAD-IN CABLE
- 3 BARE CONDUCTORS TWISTED TOGETHER.
- 4 BUTT SPLICE CRIMP CONNECTOR.
- 5 SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
- 6 WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
- 7 SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
- 8 WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

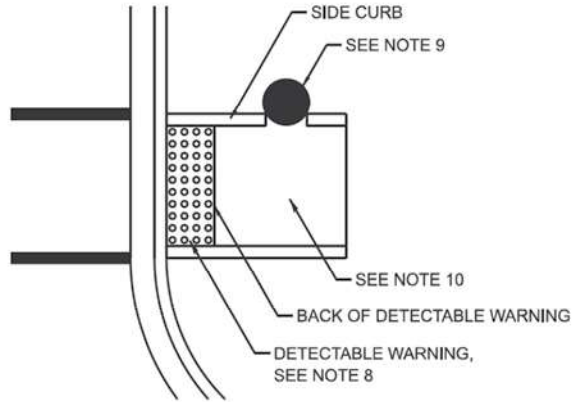
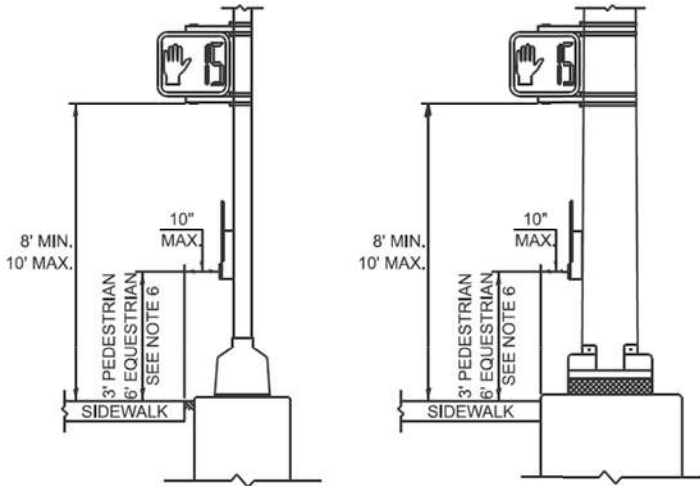
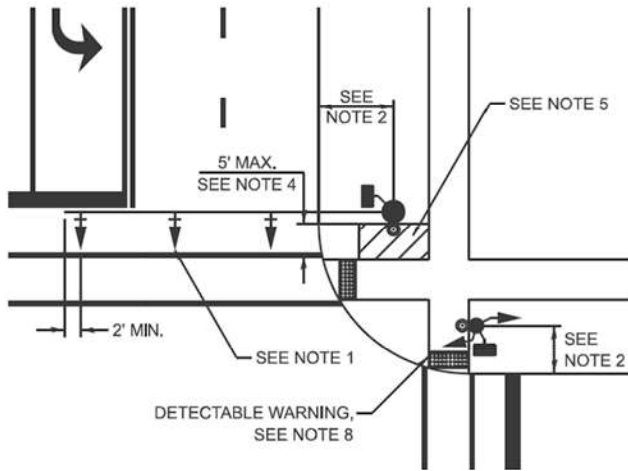


DETECTOR LOOP WIRING SCHEMATIC

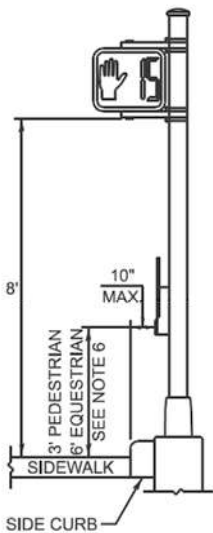
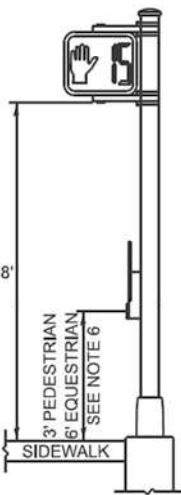
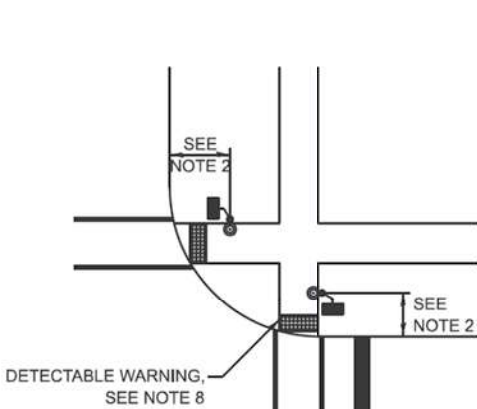
NOTES:

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHALL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

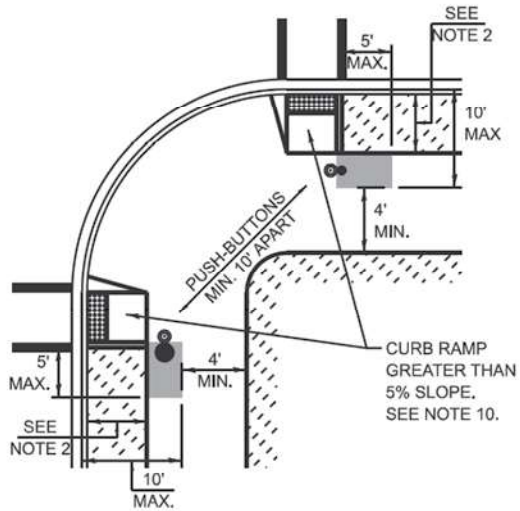
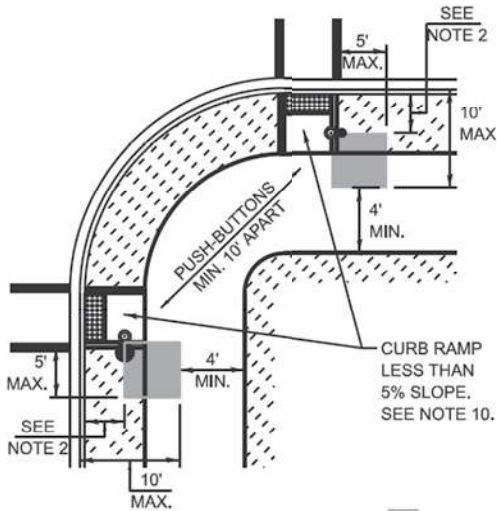
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



PREFERRED PUSH-BUTTON LOCATION

TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.



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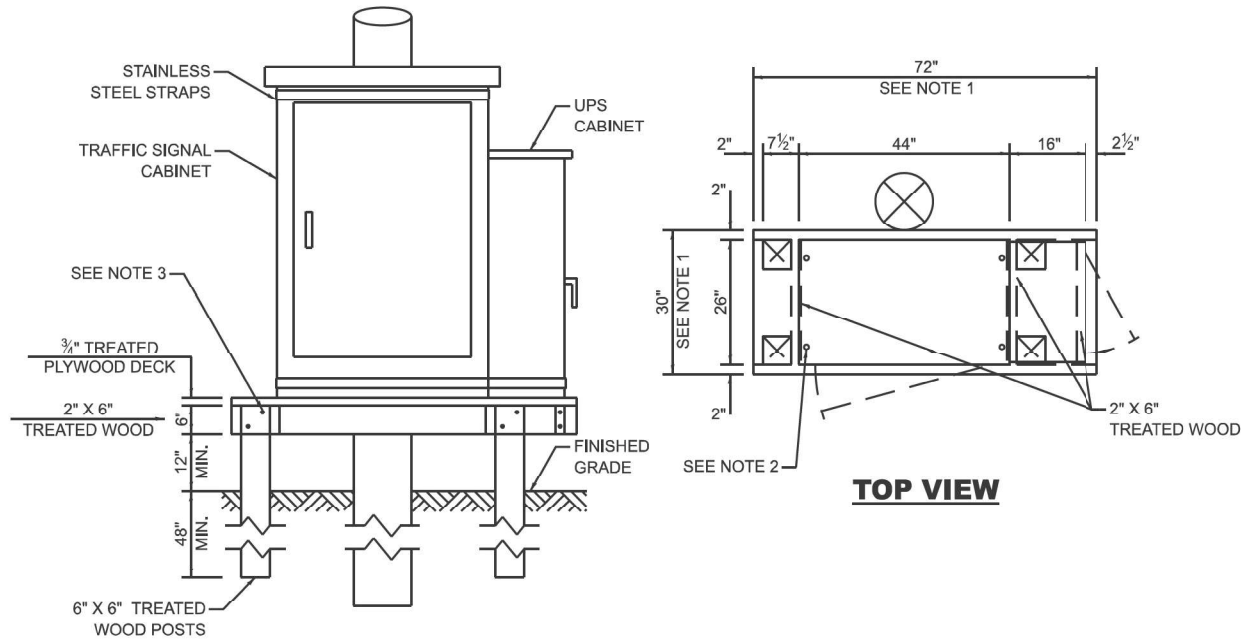
DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN
DETAILS

SCALE: SHEET NO. 3 OF 17 SHEETS STA. TO STA.

FAU RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
1672 24-00145-00-CH COOK 98 65
FIELD BOOK NO.: TS-01 CONTRACT NO. 61M63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Verona Park\00023231 - Phase II\SIGNAL PLANS - CORE&A.dwg Aug 10, 2026 - 3:14pm



NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

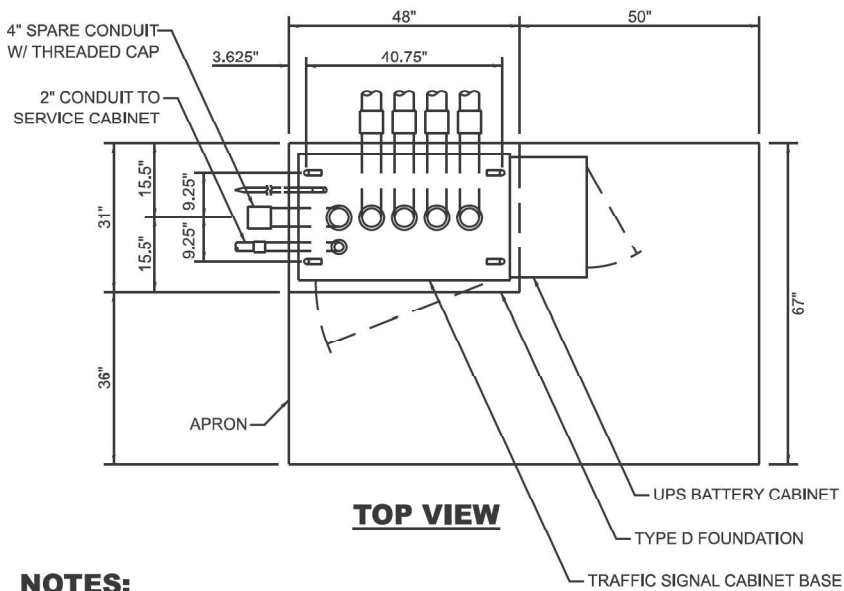
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

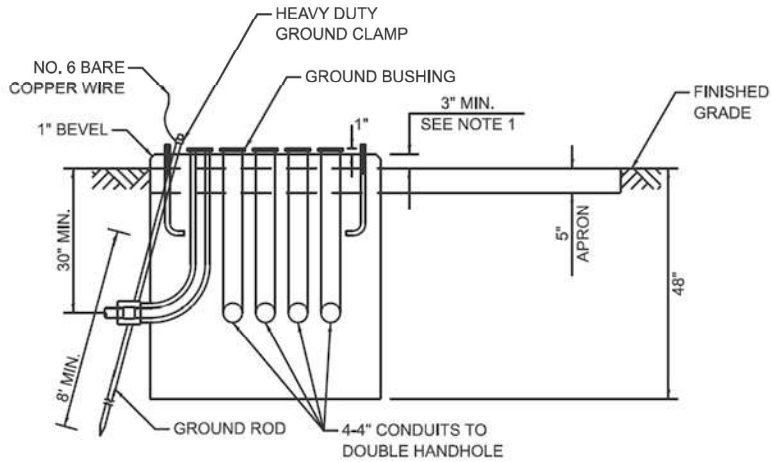
TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

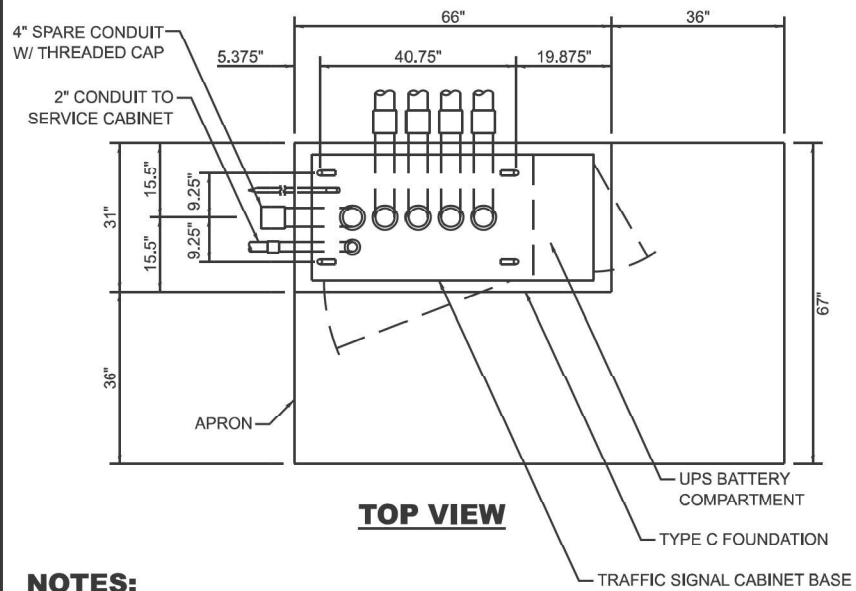


NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

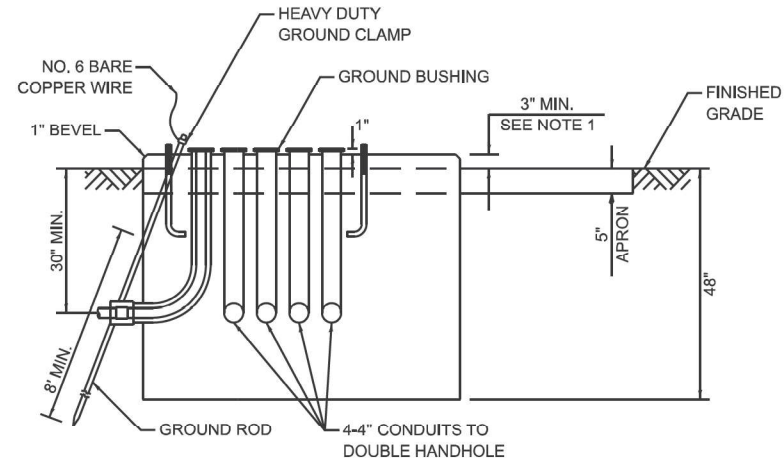


TYPE D FOUNDATION TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH



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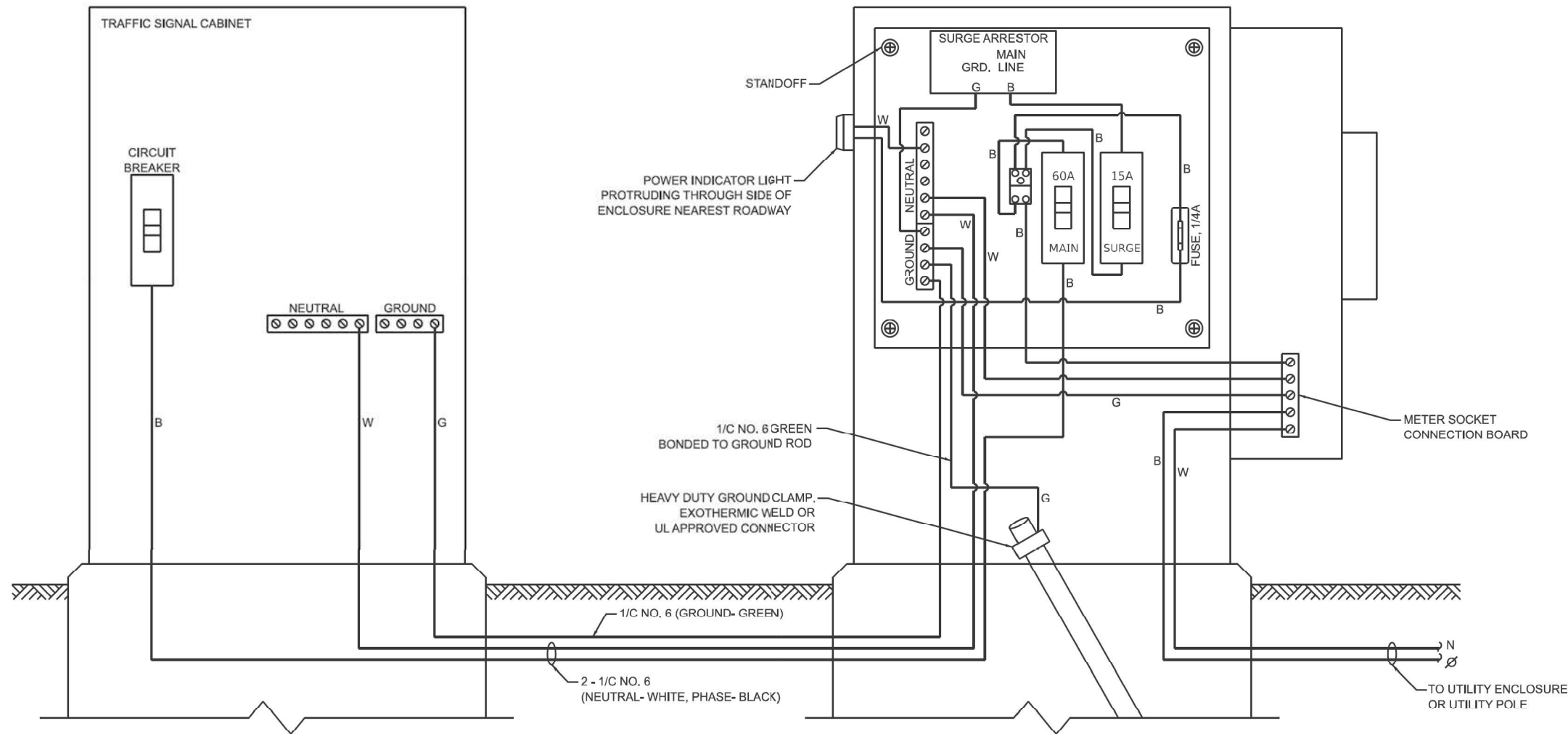
DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET NO. 4 OF 17 SHEETS STA. TO STA.

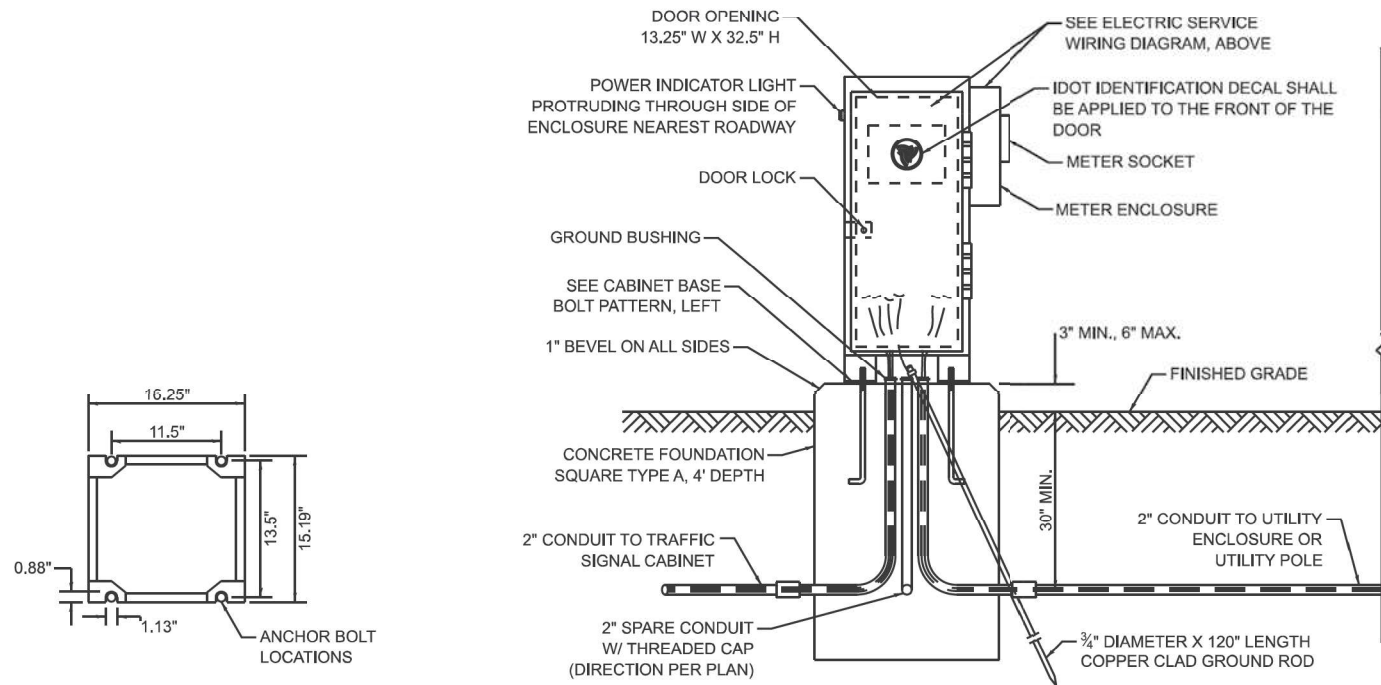
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	66
FIELD BOOK NO. : TS-01		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

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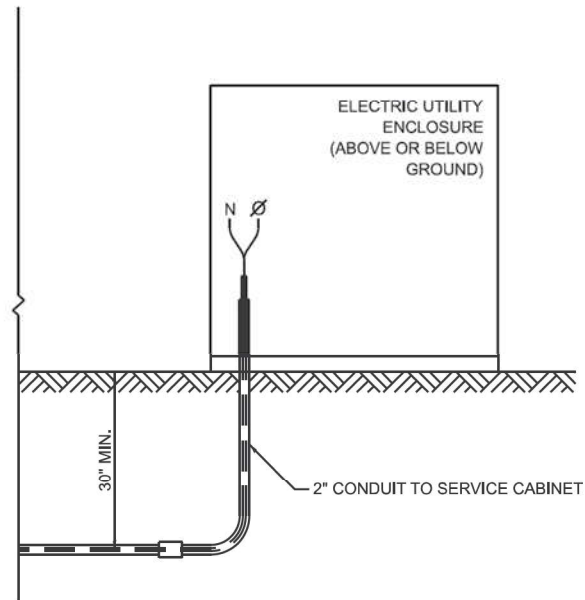


ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

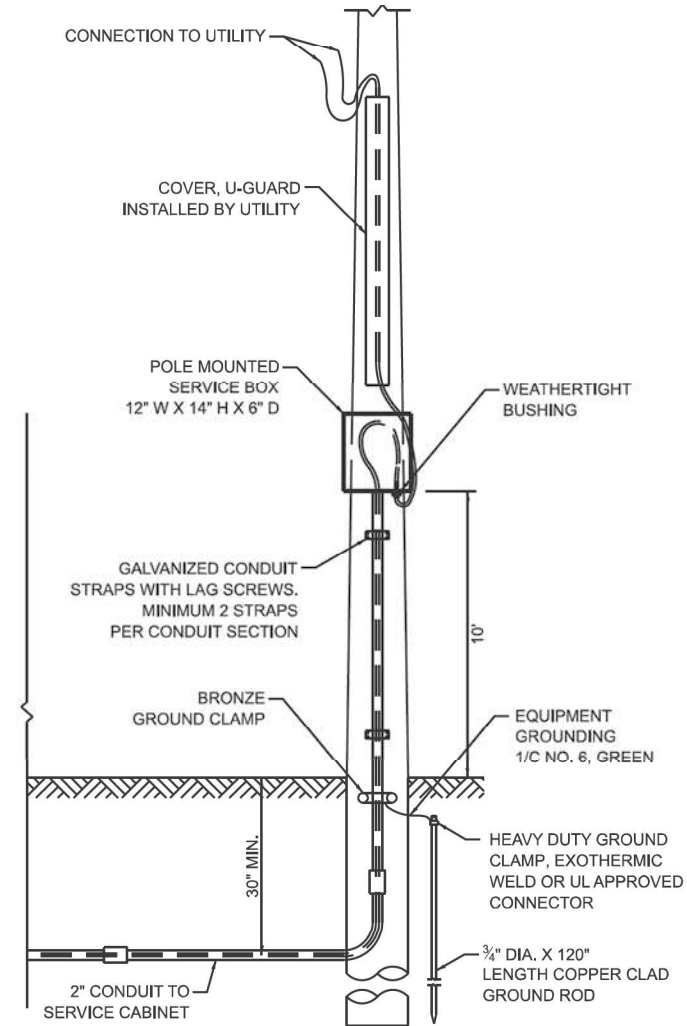


CABINET BASE BOLT PATTERN

SERVICE INSTALLATION - GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE

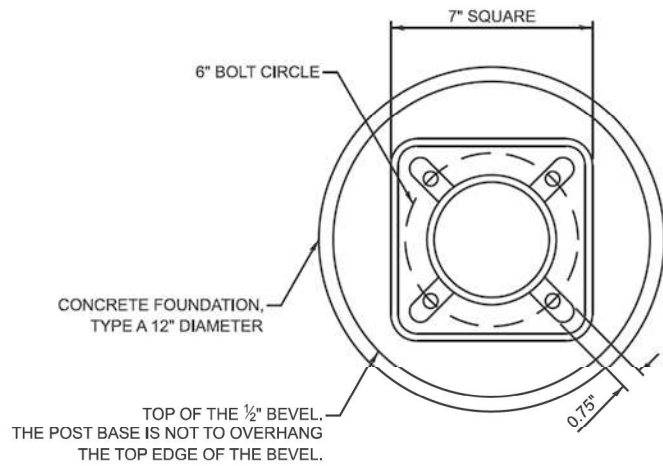


CONNECTION TO UTILITY POLE

NOTES:

1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.

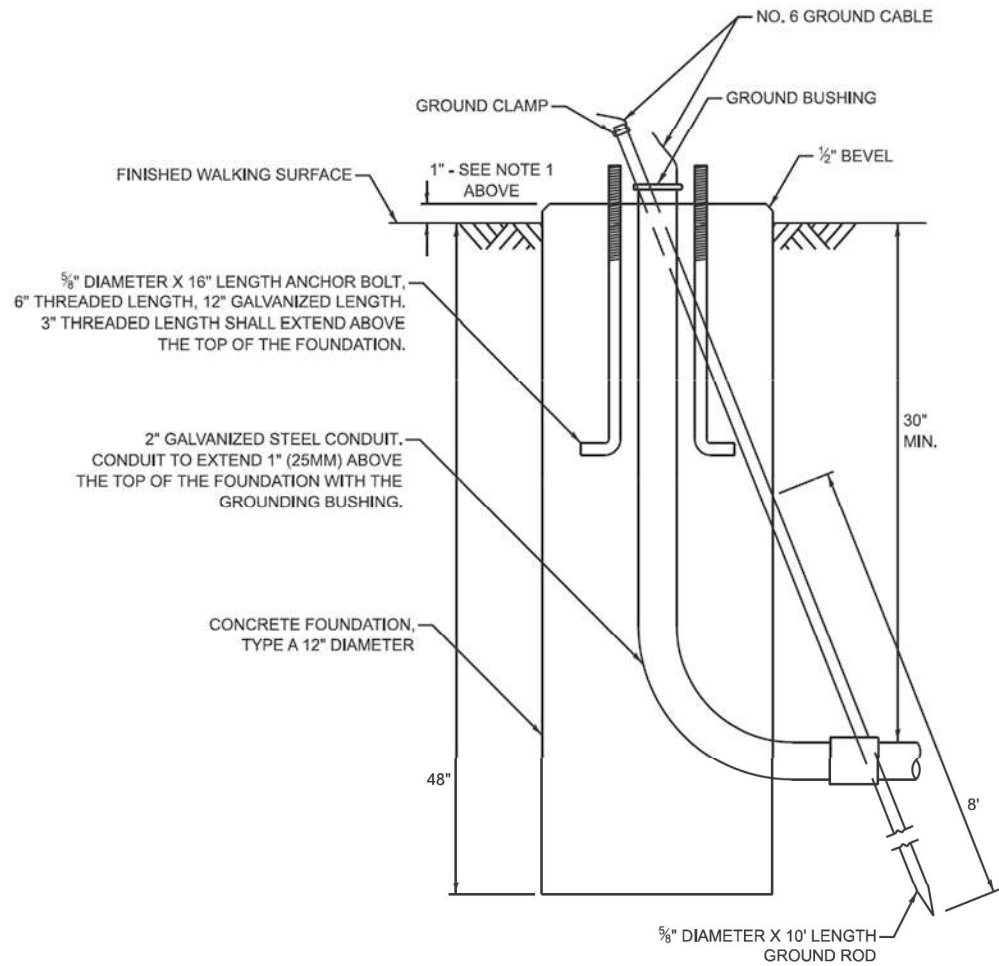
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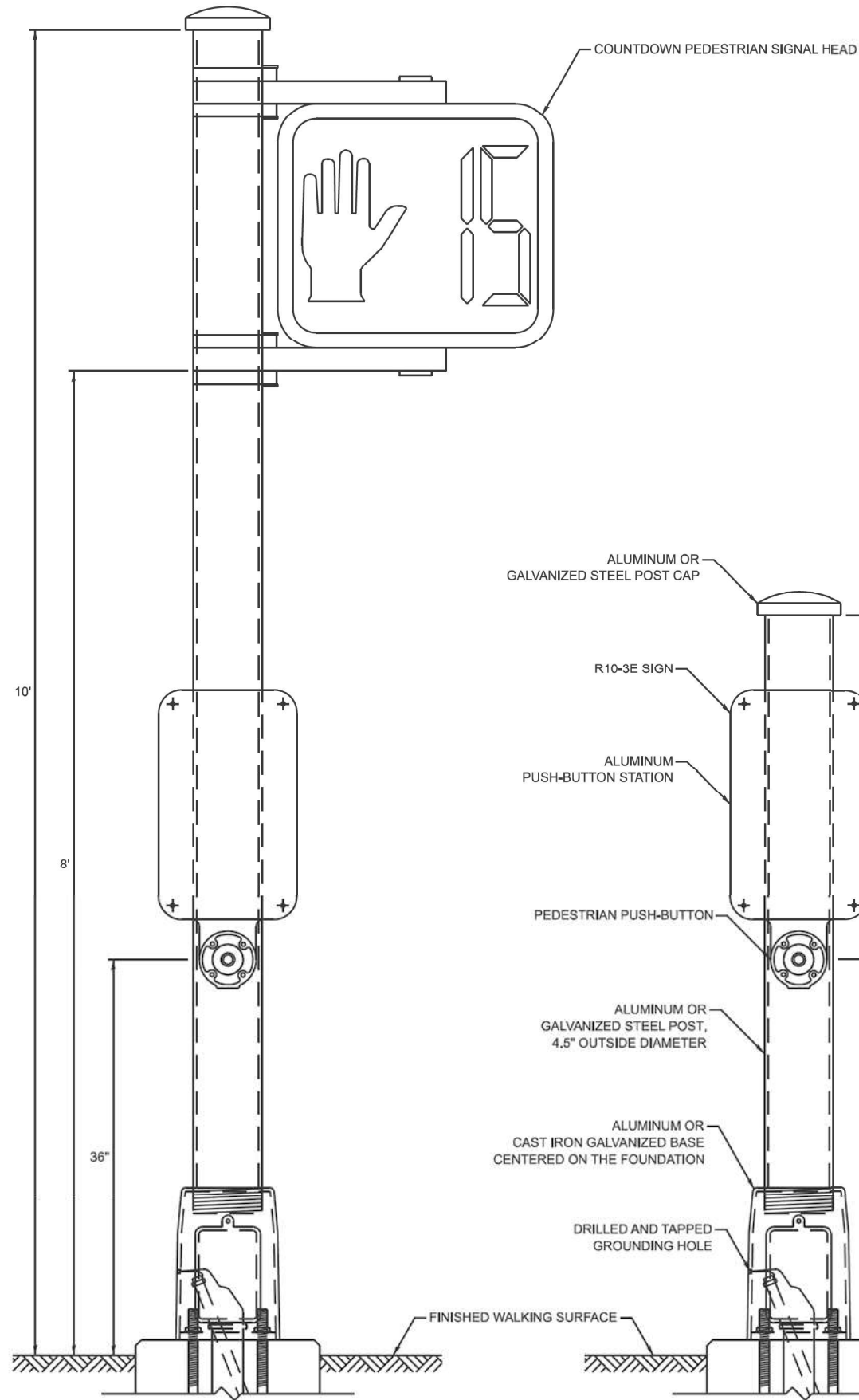
BOLT PATTERN

NOTES:

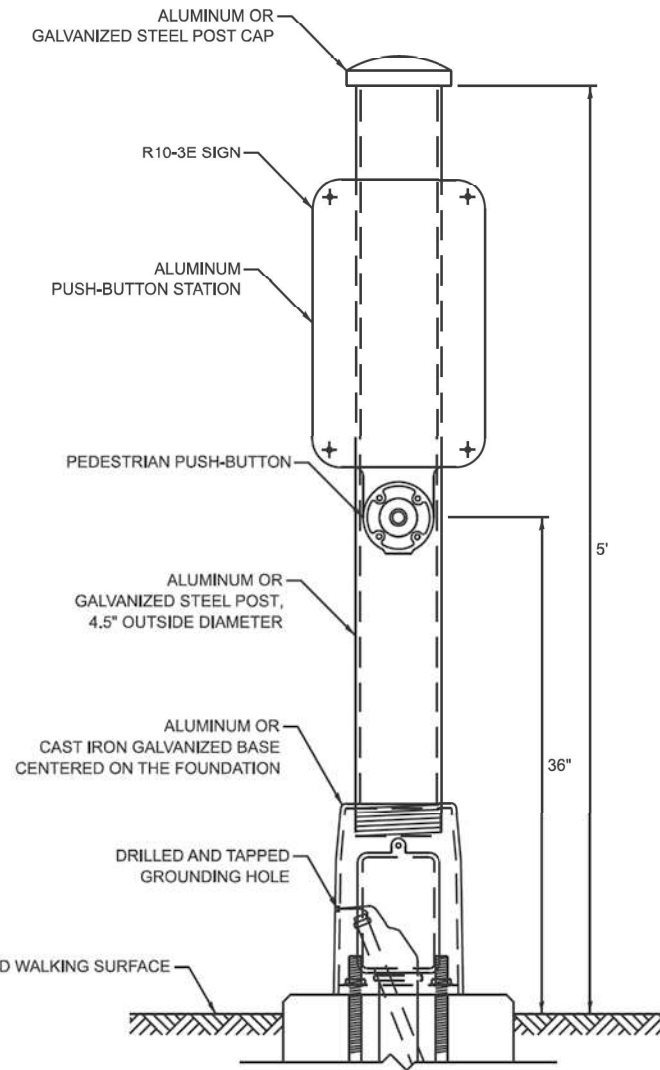
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-1101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.



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DATE -	6-11-26	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN
DETAILS**

SCALE: SHEET NO. 7 OF 17 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	69
FIELD BOOK NO.: TS-01		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

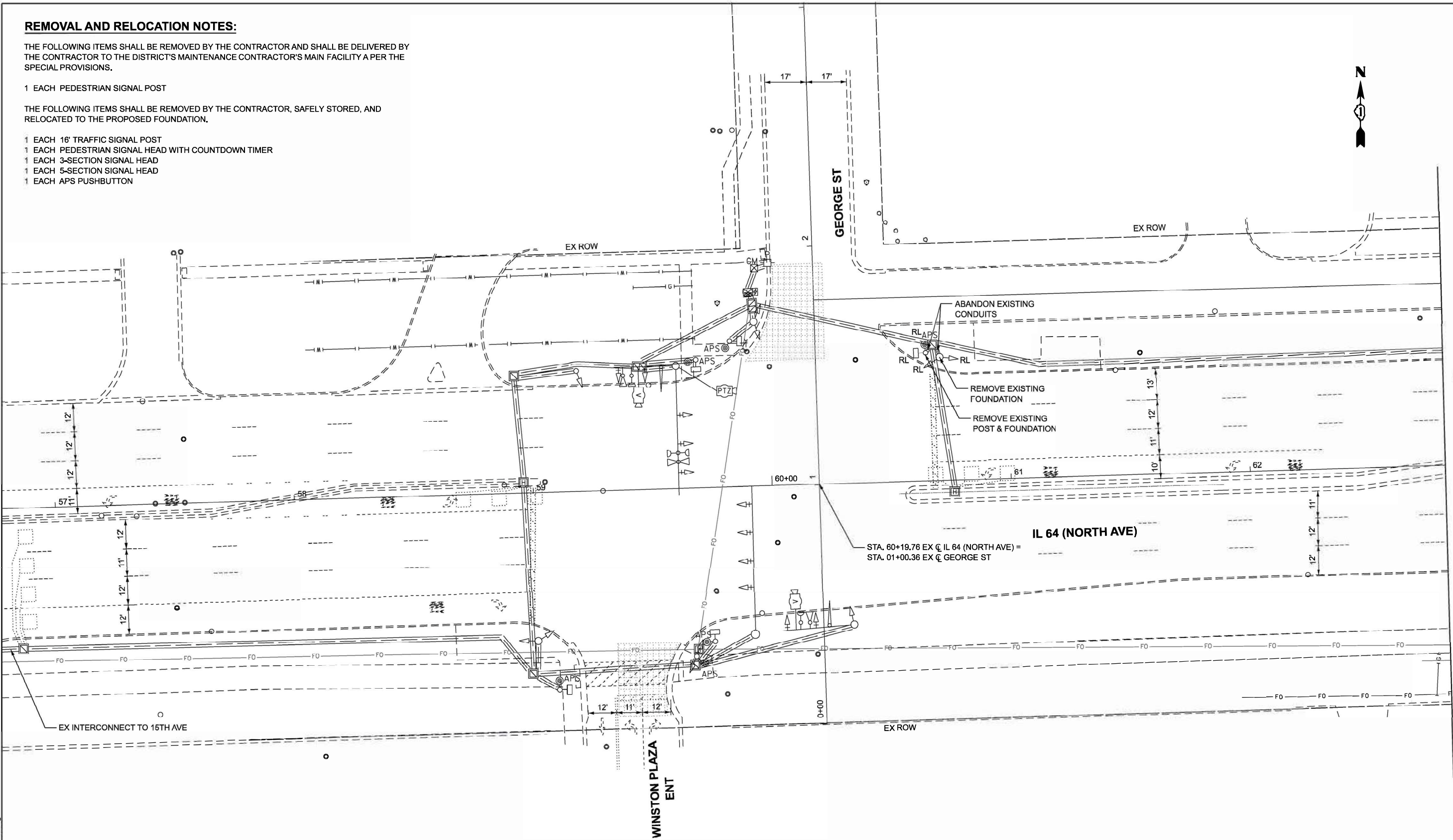
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE DISTRICT'S MAINTENANCE CONTRACTOR'S MAIN FACILITY A PER THE SPECIAL PROVISIONS.

1 EACH PEDESTRIAN SIGNAL POST

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED FOUNDATION.

- 1 EACH 16" TRAFFIC SIGNAL POST
- 1 EACH PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- 1 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD
- 1 EACH APS PUSHBUTTON



NOTES:

1. THE EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
2. THE EXISTING TRAFFIC SIGNAL CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

MATCHLINE "A" SEE NEXT PAGE

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PLOT DATE = 06/02/2026	DATE = 06/02/2026	REVISED = 08/14/26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL PLAN
IL 64 (NORTH AVE) AT GEORGE ST/WINSTON PLAZA ENT

SCALE: 1" = 20' SHEET 1 OF 10 SHEETS STA. TO STA.

FAU RTE.	SE C 10	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	70
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS 3040
IDOT CENTRACS
FORMER ECON 100

Drawing file: W:\Projects_by_Village\Verona Park\50025231 - George Street - Phase II\SIGNAL PLANS - CIOBA.dwg Aug 10, 2026 - 3:14pm

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PLOT DATE - 06/02/2026	DATE - 06/02/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL PLAN
IL 64 (NORTH AVE) AT GEORGE ST

SCALE: 1" = 20' SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1682	24-00145-00-CH	COOK	98	71
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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DATE - 6-11-26	REVISED -

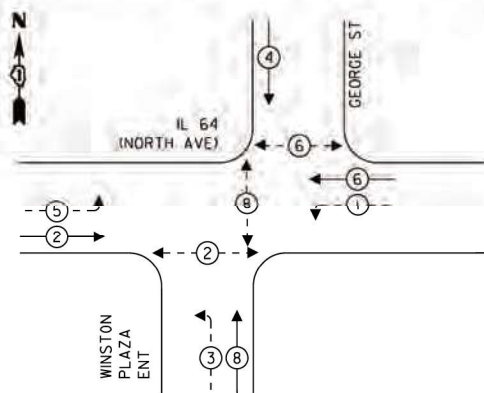
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS IL-64 (NORTH AVE) AT GEORGE STREET

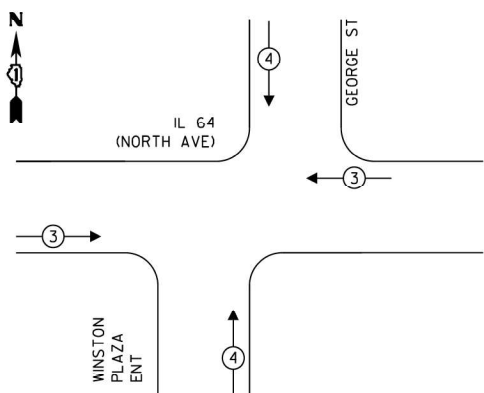
SCALE: SHEET NO. 9 OF 17 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	71
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TEMPORARY CONTROLLER PHASE DIAGRAM



TEMPORARY EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3 SECTION	11	11	121
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE SIGNALS			
3 SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION	RADAR	20	-
	VIDEO	20	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			519
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1124

ENERGY COSTS TO:

VILLAGE OF MELROSE PARK
1000 N 25TH AVE
MELROSE PARK, IL 60160

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 08190-18007

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CHECKED: ELS
DATE: 6-11-26

REVISED: -
REVISED: -
REVISED: -
REVISED: -

NOTES:

- BAG AND DEENERGIZE SOUTHBOUND SIGNAL HEADS AND TURN OFF SOUTHBOUND SIGNAL DETECTION DURING CONSTRUCTION STAGES 1 & 2.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, CONTROLLER PHASE DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM
IL 64 (NORTH AVE) AT GEORGE ST

SCALE: 1" = 20' SHEET 3 OF 10 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1692	24-00145-00-CH	COOK	98	72
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS IL-64 (NORTH AVE) AT GEORGE STREET

SCALE: SHEET NO. 10 OF 17 SHEETS STA. TO STA.

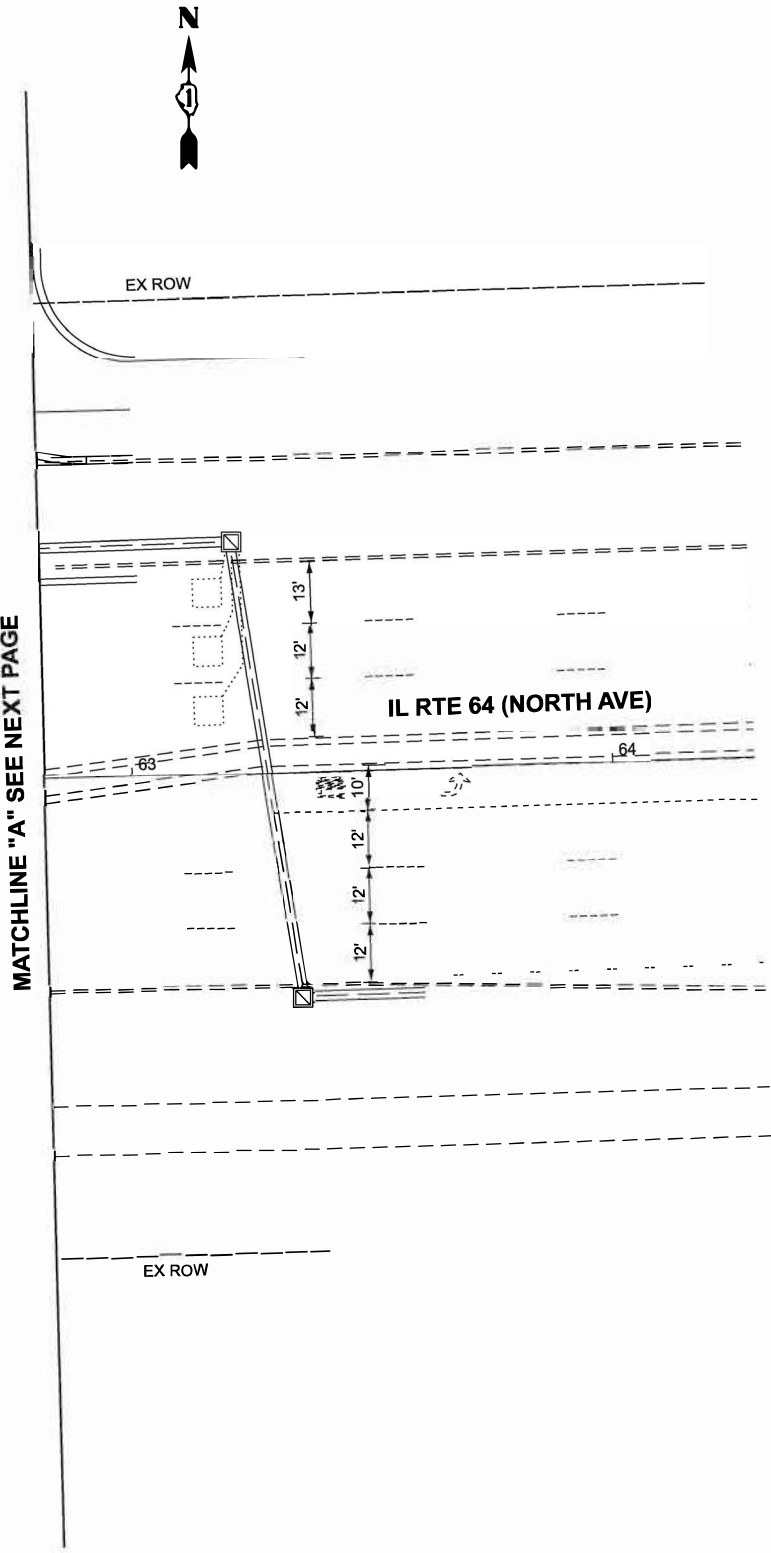
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	72
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 600-25-231

SCHEDULE OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	10
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	131
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	135
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	138
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	138
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4
87900200	DRILL EXISTING HANDHOLE	EACH	1
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	402
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502376	REBUILD EXISTING HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS 3040
IDOT CENTRACS
FORMER ECON 100



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PLOT DATE = 06/02/2026	DATE = 06/02/2026	REVISED = 08/14/26

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	74
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

The diagram illustrates the intersection of IL 64 (North Ave) and George St. A north arrow is located in the top left corner. The intersection is labeled "IL 64 (NORTH AVE)" and "GEORGE ST". A "WINSTON PLAZA ENT" is also labeled. The diagram shows traffic flow with numbered circles (1-8) and arrows indicating movement. The flow is as follows:

- Approach from the north (top): Lane 4 (right turn), Lane 8 (through/right turn), Lane 6 (left turn).
- Approach from the south (bottom): Lane 8 (through/right turn), Lane 3 (left turn), Lane 2 (through/right turn).
- Approach from the west (left): Lane 5 (left turn), Lane 2 (through/right turn).
- Approach from the east (right): Lane 6 (left turn), Lane 1 (through/right turn).

The diagram shows a four-way intersection. A north arrow is located in the top-left corner, pointing upwards and labeled 'N'. The intersection is labeled 'IL 64 (NORTH AVE)' in the top-left quadrant and 'GEORGE ST' in the top-right quadrant. The intersection is also labeled 'WINSTON PLAZA ENT' in the bottom-left quadrant. Traffic flow is indicated by arrows: a northbound lane on IL 64 has a right-turn arrow and a through lane with a left-turn arrow; a southbound lane on IL 64 has a through lane with a right-turn arrow and a left-turn arrow; a westbound lane on GEORGE ST has a right-turn arrow and a through lane with a left-turn arrow; an eastbound lane on GEORGE ST has a through lane with a right-turn arrow and a left-turn arrow. Lane markings include solid lines for the outer edges of the road and dashed lines for the center of the road. A '3' in a circle is placed on the left side of the intersection, and a '4' in a circle is placed on the right side of the intersection.

TYPE	QUANTITY	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3 SECTION	16	11	176
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE SIGNALS			
3 SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PED. SIGNAL	6	15	90
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	2	20	40
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	1	35	35
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			594
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-

ENERGY COSTS TO:

VILLAGE OF MELROSE PARK

1000 N 25TH AVE
MELROSE PARK, IL 60160

ENERGY SUPPLY: CONTACT: JOE STACHO

 PHONE: (630) 424-5704

 COMPANY: COMMONWEALTH EDISON

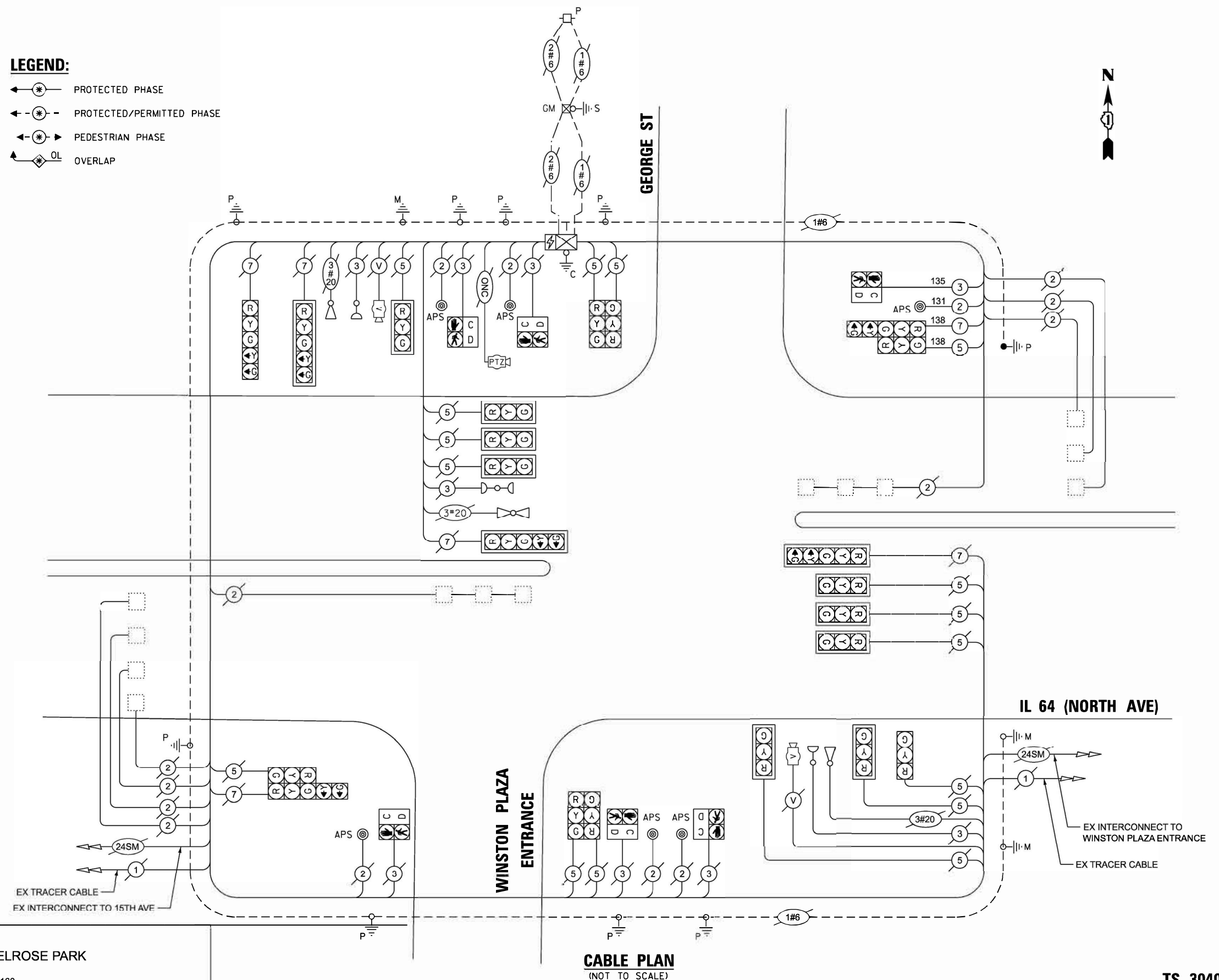
ACCOUNT NUMBER: 08190-18007

ENERGY SUPPLY: CONTACT: JOE STACHO
 PHONE: (630) 424-5704
 COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 08190-18007

**MODIFIED CABLE PLAN, CONTROLLER PHASE DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM
IL 64 (NORTH AVE) AT GEORGE ST/WINSTON PLAZA ENT**

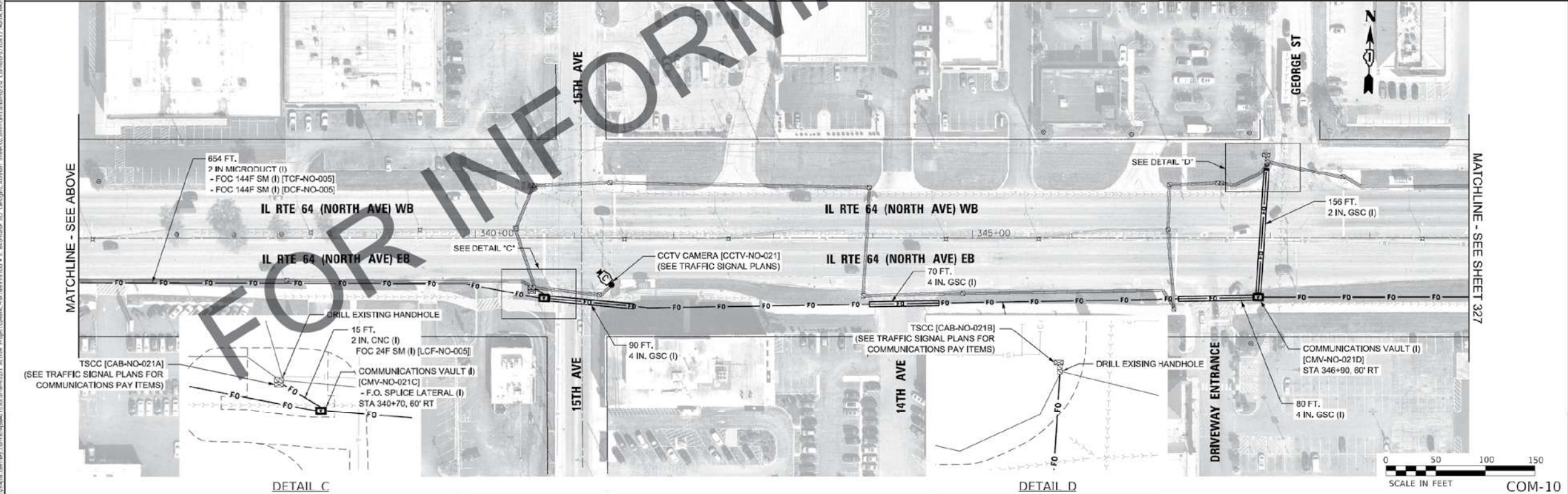
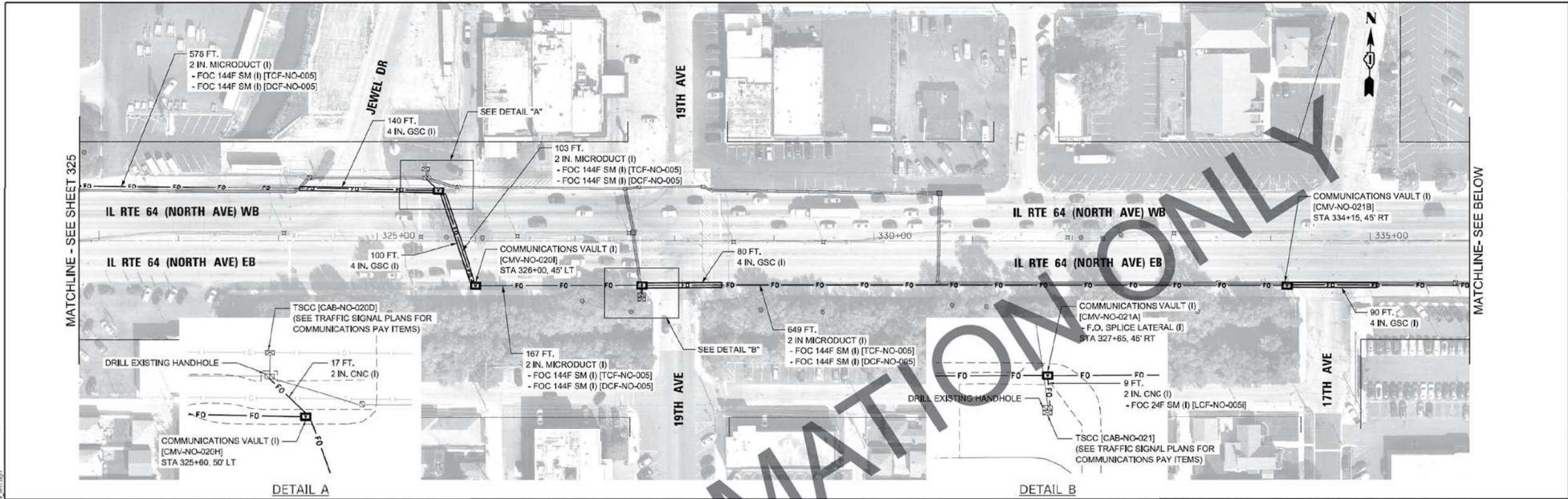
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	75
		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

TS 3040
IDOT CENTRACS
FORMER ECON 100



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	PLOT SCALE = 100,0000' / 1/4"			DRAWN - JT	REVISED -		SCALE: 1" = 50'			SHEET 9 OF 17 SHEETS STA. TO STA.			CONTRACT NO. 62N40	
	PLOT DATE = 3/22/2024			CHECKED - JZ	REVISED -									
	DATE = 3/22/2024			REVIS	REVISED -									
CiorbaGroup 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 www.ciorba.com	USER NAME = AY			DESIGNED - AY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RECORD DRAWINGS IL 64 (NORTH AVE) AT GEORGE ST			FAU RTE. 1692	SECTION 24-00145-00-CH	COUNTY COOK	TOTAL SHEETS 98	SHEET NO. 76
	PLOT DATE = 06/02/2026			DRAWN - AY	REVISED -		SCALE: N.T.S.			SHEET 7 OF 10 SHEETS STA. TO STA.			CONTRACT NO. 61M63	
				CHECKED - JMV	REVISED -									
	DATE = 06/02/2026			REVIS	REVISED -									



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DEPARTMENT OF TRANSPORTATION

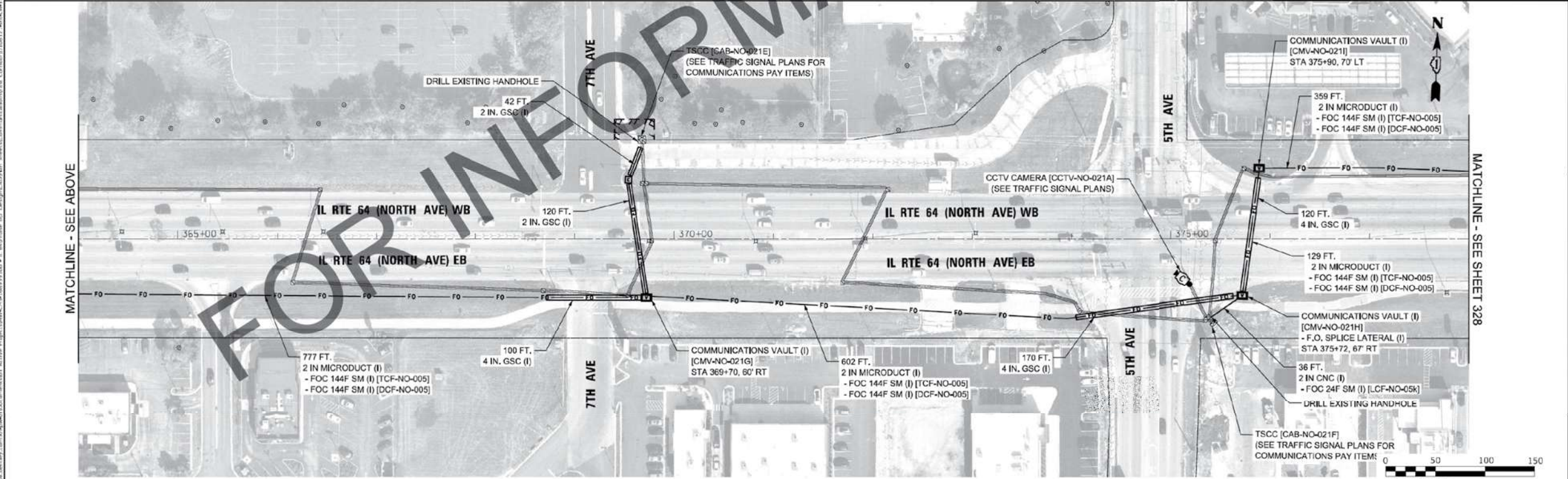
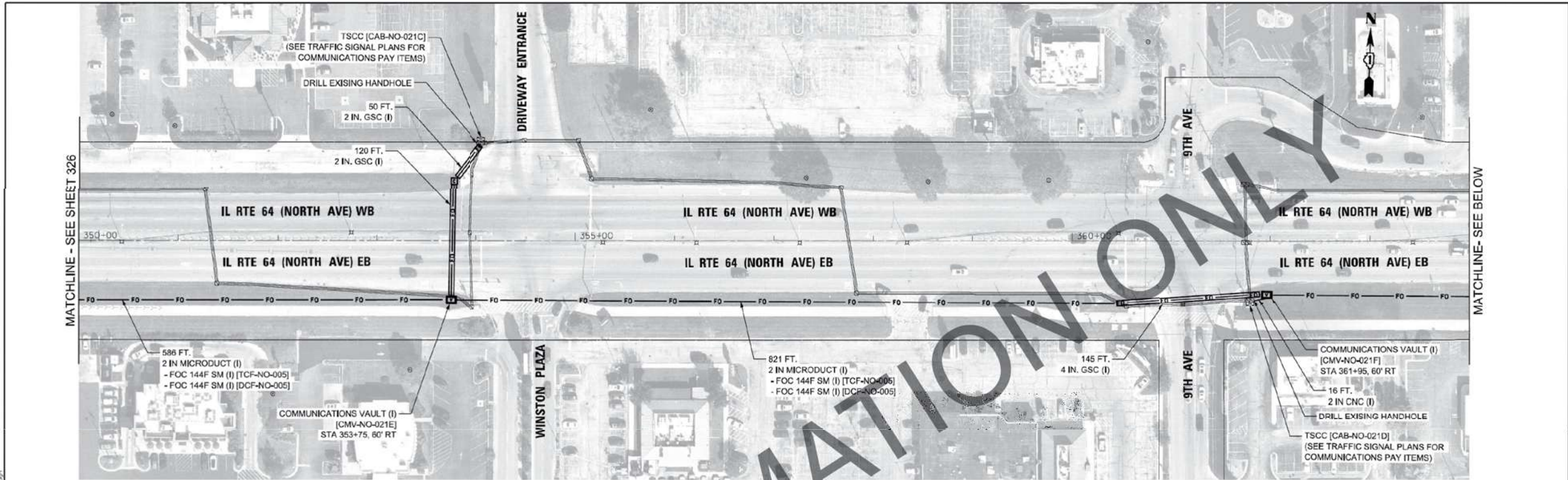
TRAFFIC SIGNAL PLANS IL-64 (NORTH AVE) AT GEORGE STREET

SCALE:	SHEET NO. 14 OF 17 SHEETS	STA. TO STA.
--------	---------------------------	--------------

FAU RTE. 1672	SECTION 24-00145-00-CH	COUNTY COOK	TOTAL SHEETS 98	SHEET NO. 76
FIELD BOOK NO. -				
CONTRACT NO. 61M63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	PLOT SCALE = 1/8" = 100'-0"		DRAWN - JT	REVISED -		SCALE: 1" = 50'		CONTRACT NO. 62N40				
	PLOT DATE = 3/22/2024		CHECKED - JZ	REVISED -		SHEET 10 OF 17 SHEETS		ILLINOIS FED. AID PROJECT				
	DATE = 3/22/2024		REVISOR -	REVISED -		STA. TO STA.						
CiorbaGroup 8723 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 www.ciorba.com	USER NAME = AY		DESIGNED - AY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RECORD DRAWINGS IL 64 (NORTH AVE) AT GEORGE ST		F.A.U. RTE. 1692	SECTION 24-00145-00-CH	COUNTY COOK	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 06/02/2026		DRAWN - AY	REVISED -		SCALE: N.T.S.		CONTRACT NO. 61M63				
	DATE = 06/02/2026		CHECKED - JMV	REVISED -		SHEET 8 OF 10 SHEETS		ILLINOIS FED. AID PROJECT				
			REVISOR -	REVISED -		STA. TO STA.						



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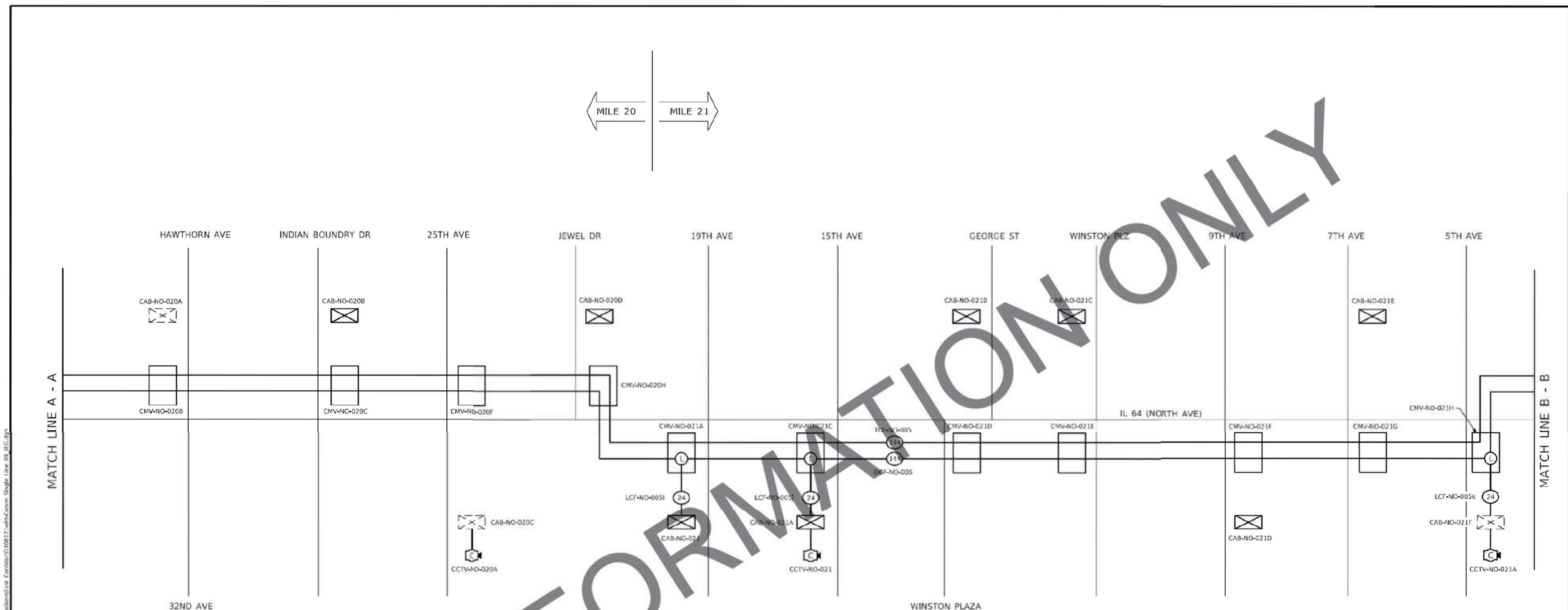
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS IL-64 (NORTH AVE) AT GEORGE STREET

SCALE: SHEET NO. 15 OF 17 SHEETS STA. TO STA.

FAU RTE. 1672	SECTION 24-00145-00-CH	COUNTY COOK	TOTAL SHEETS 98	SHEET NO. 77
FIELD BOOK NO. -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	





LEGEND

EXISTING PROPOSED

FIBER OPTIC CABLE (XX = STRAND COUNT)

OUTDOOR NETWORK CABLE

LATERAL SPLICE LOCATION

COMMUNICATIONS VAULT, HANDHOLE, OR JUNCTION BOX

TRAFFIC SIGNAL CABINET

ITS CABINET

IDOT COMMUNICATIONS NODE

CCTV CAMERA

DYNAMIC MESSAGE SIGN (CABINET)

XXX-NO-XXX ASSET I.D. TAG FOR FIBER CABLES, DEVICES, AND
STRUCTURES. (NO = NORTH AVENUE)

- NOTES:
1. THIS SHEET DEPICTS CABLE CONNECTIONS AND LOCATIONS OF EQUIPMENT DIAGRAMMATICALLY. SEE PLAN SHEETS FOR THE SPECIFIC LOCATION OF VAULTS, CONTROLLER CABINETS, AND OTHER EQUIPMENT. CCTV CAMERAS AT INTERSECTIONS MAY BE ON A DIFFERENT CORNER THAN SHOWN ON THIS SHEET.
 2. THIS SHEET ONLY SHOWS COMMUNICATIONS VAULTS AT KEY POINTS SUCH AS SPLICE POINTS OR POTENTIAL FUTURE SPLICE POINTS. SEE PLAN SHEETS FOR THE LOCATION OF ALL INTERMEDIATE COMMUNICATIONS VAULTS AND HANDHOLES.
 3. MAINLINE SPLICES (END-OF-REEL) LOCATIONS ARE NOT SHOWN FOR CLARITY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING MAINLINE SPLICE LOCATIONS BASED UPON MINIMIZING DISTANCE BETWEEN COMMUNICATIONS NODES. MAINLINE SPLICES ARE INCLUDED IN THE COST OF FIBER OPTIC CABLE INSTALLATION AND WILL NOT BE PAID FOR SEPARATELY.

FILE NAME: P001 	USER NAME = Jost,Turk	DESIGNED = CH	REVISED =
		DRAWN = JT	REVISED =
	PLOT SCALE = 100,0000 ' / in	CHECKED = JZ	REVISED =
	PLOT DATE = 3/22/2024	DATE = 3/22/2024	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMMUNICATIONS SINGLE LINE DIAGRAMS				
FIBER OPTIC TRUNK, DISTRIBUTION, AND LATERAL CABLE - INSTALLATION				
SCALE: N.T.S.	SHEET 10	OF 11	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2020-263-SUR, SW675	COOK/DUPAGE	492	353
		CONTRACT NO. 62N40		
		ILLINOIS	FED. AID PROJECT	

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		DRAWN - AY	REVISED -
		CHECKED - JMV	REVISED -
	PLOT DATE = 06/02/2026	DATE - 06/02/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RECORD DRAWINGS IL 64 (NORTH AVE) AT GEORGE ST				
SCALE: N.T.S.	SHEET 10	OF 10	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1692	24-00145-00-CH	COOK		
		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

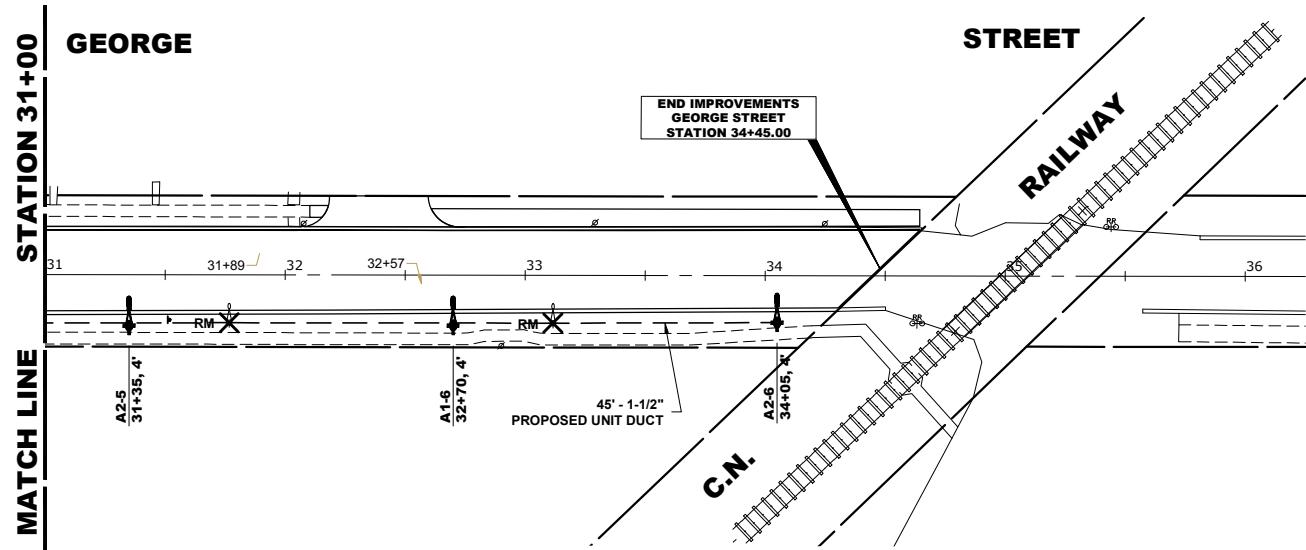
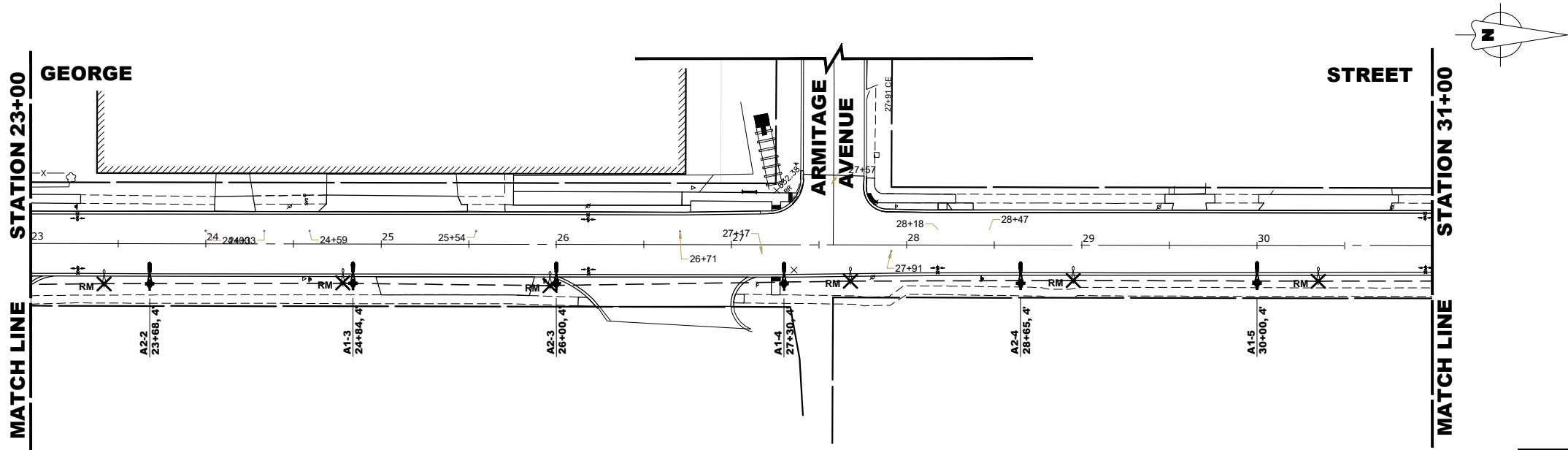
DESIGNED -	RM	REVISED -
DRAWN -	GE, DMM, SA, LW, JCR	REVISED -
CHECKED -	ELS	REVISED -
DATE -	6-11-26	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL PLANS IL-64 (NORTH AVE) AT GEORGE STREET

E	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1672	24-00145-00-CH	COOK	98	79
	FIELD BOOK NO. : -		CONTRACT NO. 61M63		
	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Wetmore Park\60025231 - George Street - Phase II\SITE\40 Scale Drawing.dwg Aug 10, 2026 -- 3:15pm



LEGEND OF SYMBOLS	
	EXISTING LIGHT POLE AND FIXTURE
	EXISTING LIGHT POLE AND FIXTURE TO BE REMOVED
	PROPOSED 30' MOUNTING HEIGHT POLE WITH 6' MAST ARM AND LED LUMINAIRE
	PROPOSED CONTROL CENTER
	PROPOSED UNIT DUCT 1 1/2" DIAMETER
	EXISTING 1 1/2" UNIT DUCT WITH PROPOSED 4-1/C NO. 6 & 1-1/C NO. 8 GROUND, 600C (XLP-(TYPE USE))
	CONTROLLER IDENTIFICATION (TYP.)
	CIRCUIT NUMBER (TYP.)
	POLE NUMBER (TYP.)
	SET BACK FROM F/C (TYP.)
	STATION NUMBER (TYP.)

NOTES

- GEORGE STREET EXISTING LIGHT POLES CURRENTLY ARE CONNECTED WITH OVERHEAD CABLE. AN UNDERGROUND UNIT DUCT WAS INSTALLED FROM EXISTING POLE TO EXISTING POLE. THE EXISTING UNIT DUCT IS TO BE USED TO POWER THE PROPOSED LIGHT POLES. AT THE EXISTING LIGHT POLES THE UNIT DUCT SHALL BE SPICED TOGETHER. SPICING UNIT TOGETHER AT EXISTING LIGHT POLES SHALL BE INCLUDED IN THE COST AT THE LIGHT POLE TO BE REMOVED RESPECTIVE PAY ITEM. AT PROPOSED LIGHT POLE LOCATIONS THE EXISTING UNIT DUCT SHALL BE LOCATED, CUT AND PROPOSED UNIT DUCT SHALL BE SPICED TOGETHER TO EXTEND TO THE LOCATION OF PROPOSED LIGHT POLE. COST OF LOCATING, CUTTING, SPICING AND INSTALLING PROPOSED UNIT DUCT WILL BE PAID FOR ACCORDING TO THE RESPECTIVE ITEM FOR UNIT DUCT OF SPECIFIED SIZE.



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DESIGNED -	RM	REVISED -	
DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
CHECKED -	ELS	REVISED -	
DATE -	6-11-26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING PLAN

SCALE: 1"=40'

SHEET NO. 2 OF 2 SHEETS

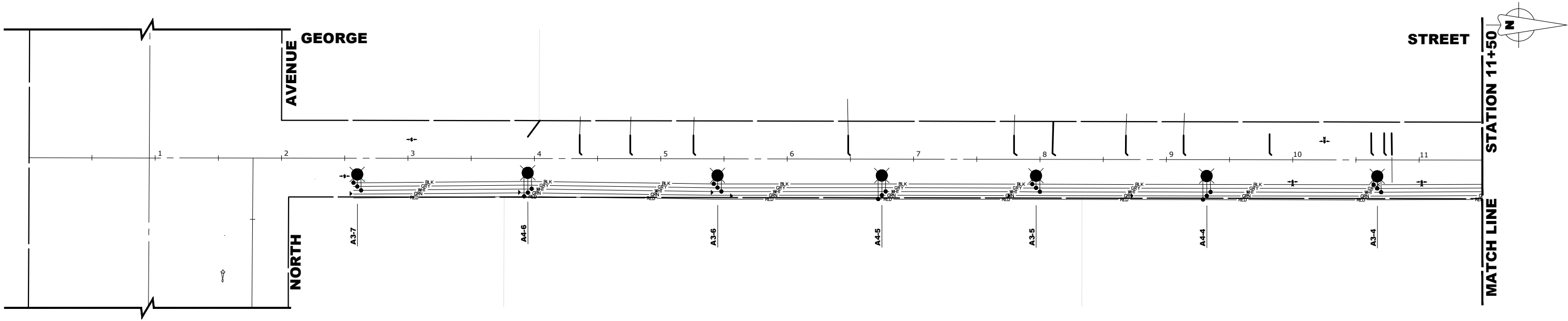
STA. 23+00

TO STA. 34+45

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	81
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

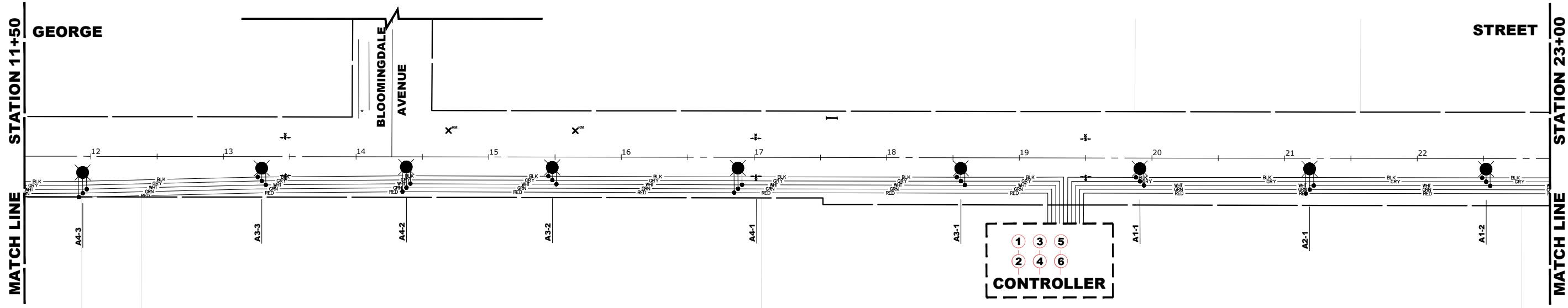
E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_By_Village\Meiose Park\60025231 - Phase II\SITE\40 Scale Drawing.dwg Aug 10, 2026 -- 3:15pm



LIGHTING CONTROLLER CIRCUIT LOADS		
CIRCUIT	AMPS	WATTS
1	2.03	708
2	2.42	708
3	3.01	826
4	2.62	708
TOTAL	10.08	

LEGEND OF SYMBOLS	
— BLK/RED —	240 VOLT PHASE CABLE (BLACK OR RED)
— WHI —	240 VOLT NEUTRAL CABLE (WHITE)
— GRY —	240 VOLT NEUTRAL CABLE (GREY)
— GRN —	GROUND WIRE (GREEN)
- - - - -	EXISTING CABLE
●	SPLICE
⊗	EXISTING LUMINAIRE
⦿	PROPOSED LED LUMINAIRE
A1-1	PROPOSED CIRCUIT/POLE NUMBER



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DESIGNED -	RM	REVISED -	
DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
CHECKED -	ELS	REVISED -	
DATE -	6-11-26	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING WIRING DIAGRAM

SCALE: 1"=40'

SHEET NO. 1 OF 2 SHEETS

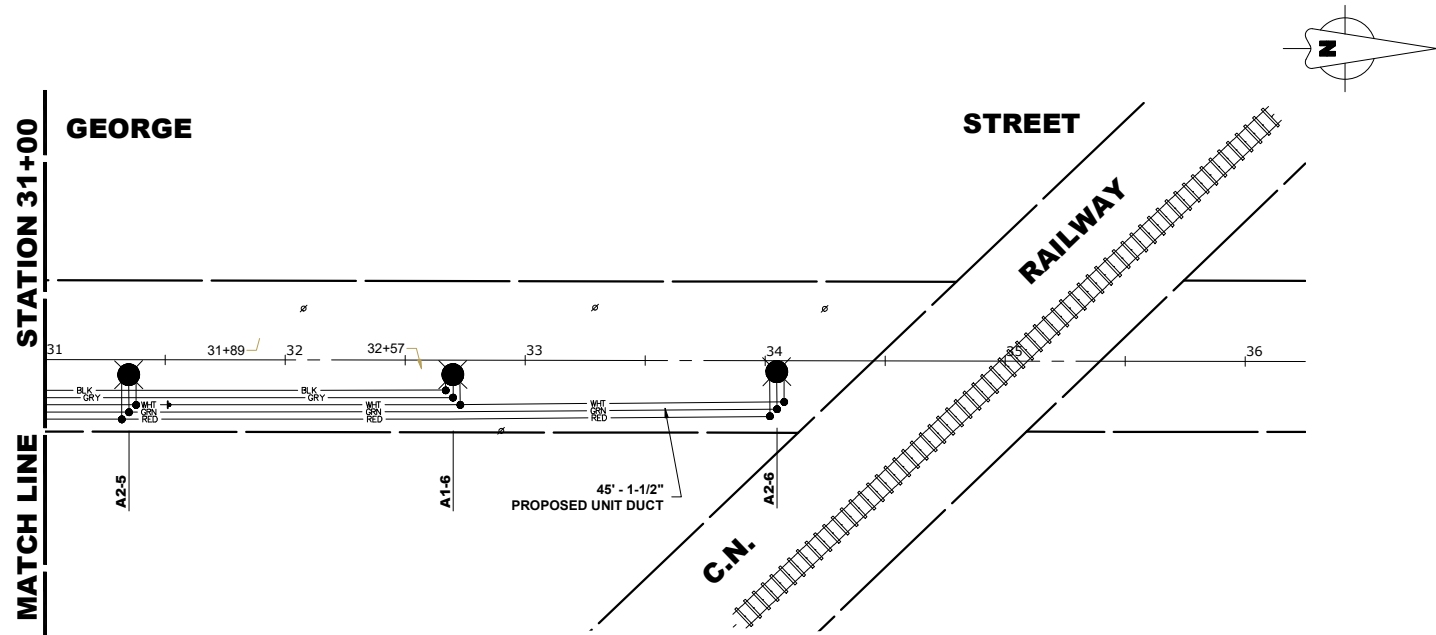
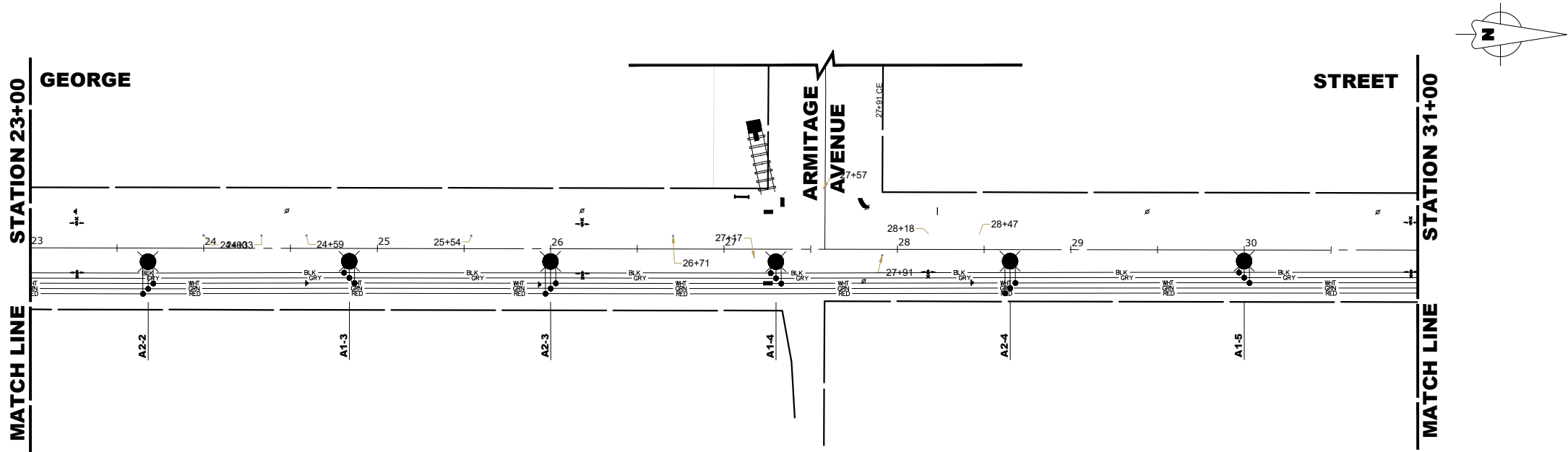
STA. 0+50

TO STA. 23+00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	82
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Marose Park\60025231 - Phase II\SITE\40 Scale Drawing.dwg Aug 10, 2026 -- 3:15pm



LIGHTING CONTROLLER CIRCUIT LOADS		
CIRCUIT	AMPS	WATTS
1	2.03	708
2	2.42	708
3	3.01	826
4	2.62	708
TOTAL	10.08	

LEGEND OF SYMBOLS	
	240 VOLT PHASE CABLE (BLACK OR RED)
	240 VOLT NEUTRAL CABLE (WHITE)
	240 VOLT NEUTRAL CABLE (GREY)
	GROUND WIRE (GREEN)
	EXISTING CABLE
	SPLICE
	EXISTING LUMINAIRE
	PROPOSED LED LUMINAIRE
A1-1	PROPOSED CIRCUIT/POLE NUMBER



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DESIGNED -	RM	REVISED -	
DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
CHECKED -	ELS	REVISED -	
DATE -	6-11-26	REVISED -	

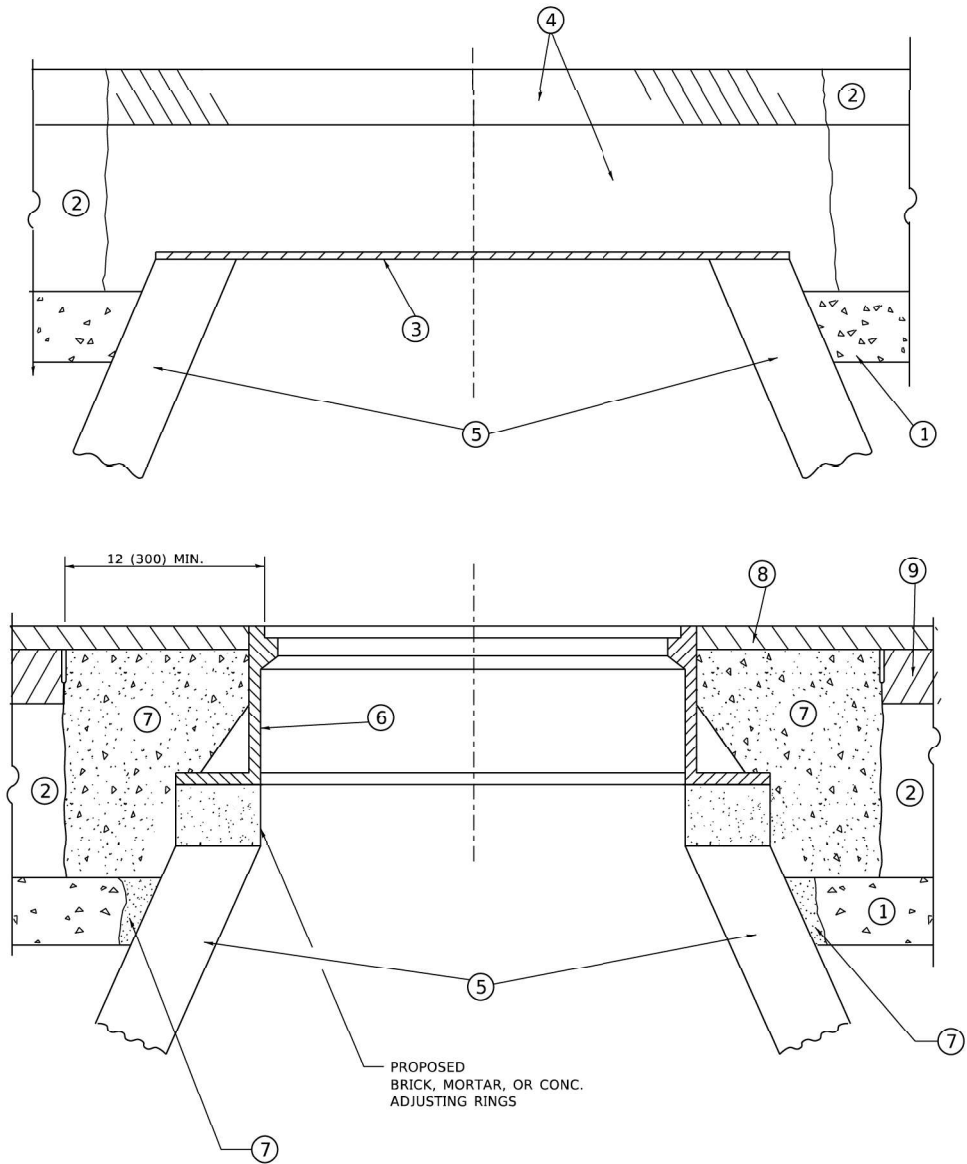
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET LIGHTING WIRING DIAGRAM

SCALE: 1"=40' SHEET NO. 2 OF 2 SHEETS STA. 23+00 TO STA. 34+45

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	83
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\BD-08.dwg Aug 10, 2026 - 3:15pm



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

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-05-11
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-13-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

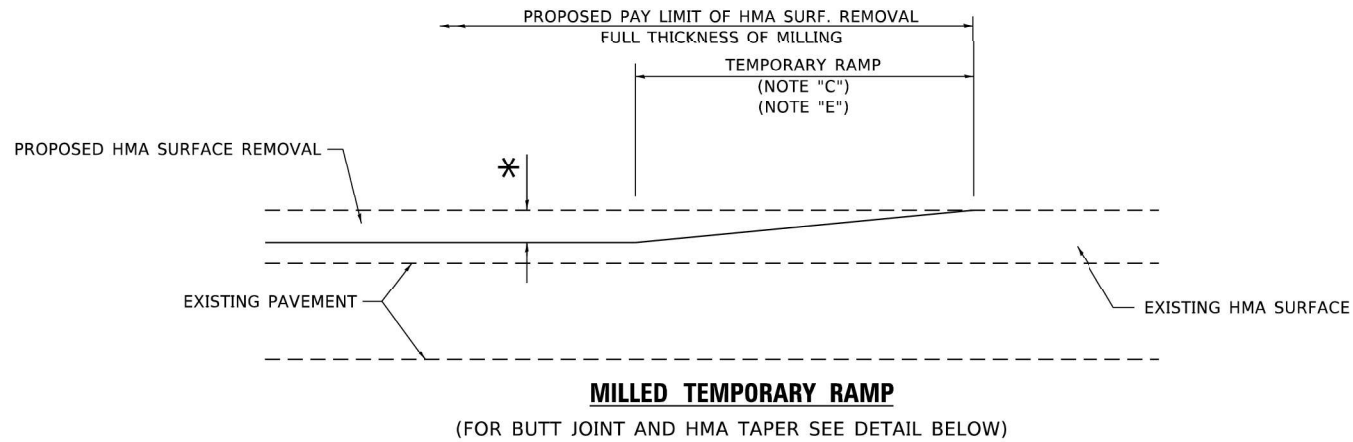
DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

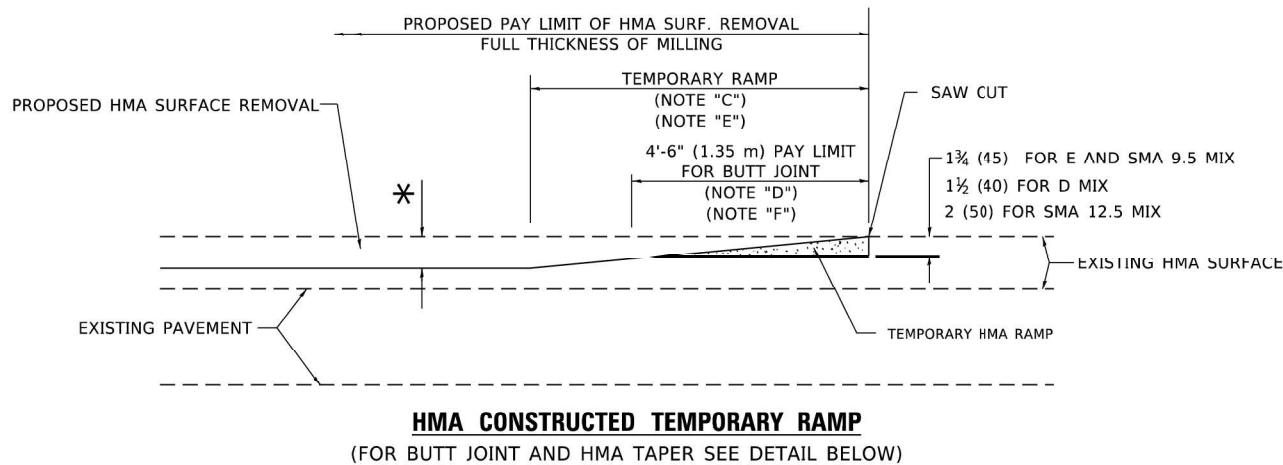
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	84
BD600-03 (BD-08)		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - Phase II\BD-32.dwg Aug 10, 2026 - 3:15pm

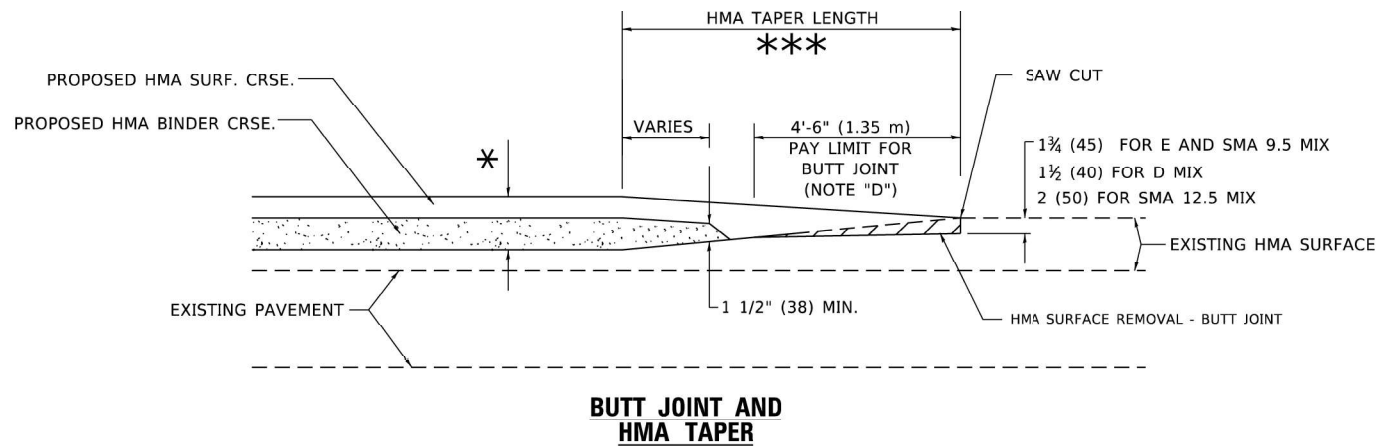


OPTION 1

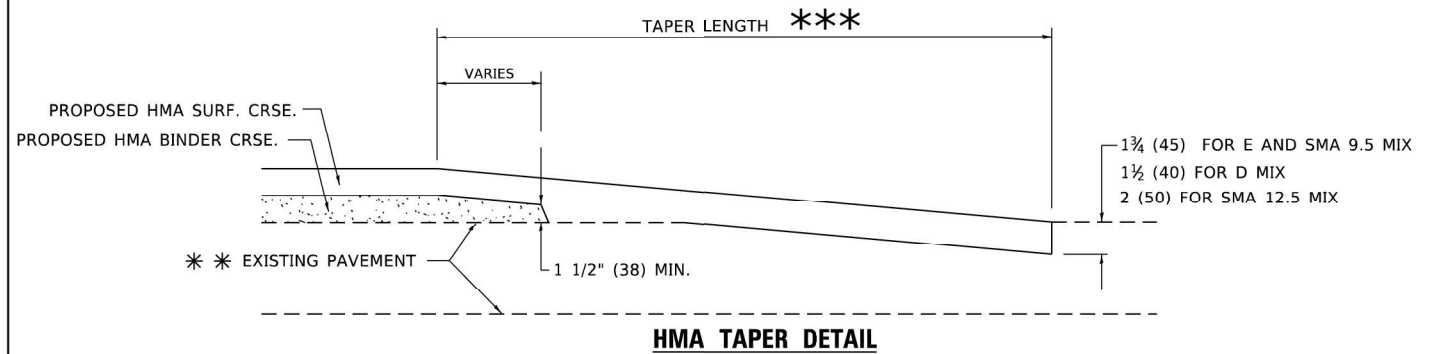
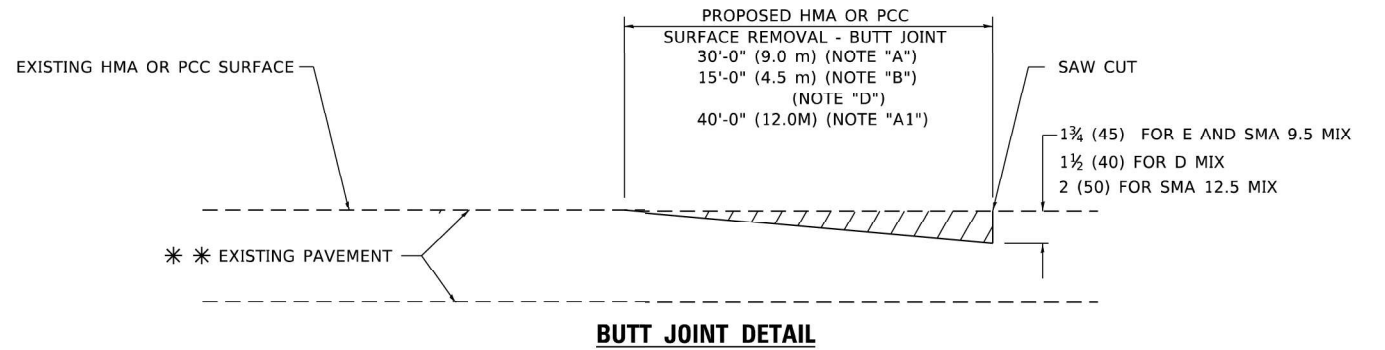


OPTION 2

TYPICAL TEMPORARY RAMP



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



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

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

GENERAL NOTES

- MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- 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.
- 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".
- 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.

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-06-01
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

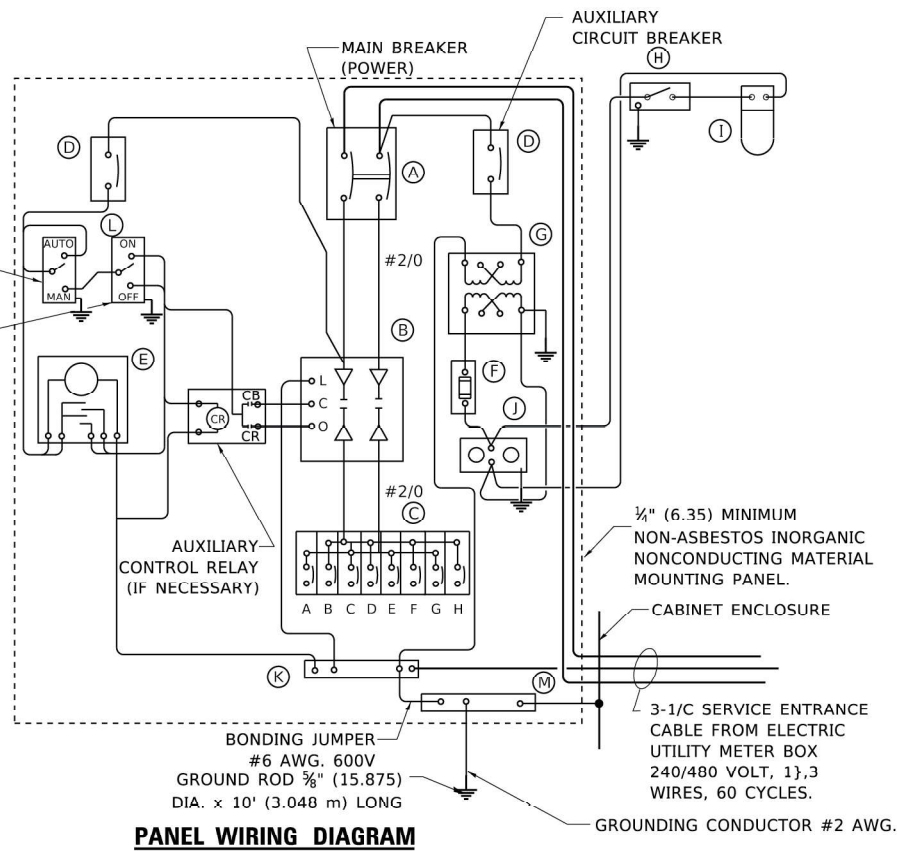
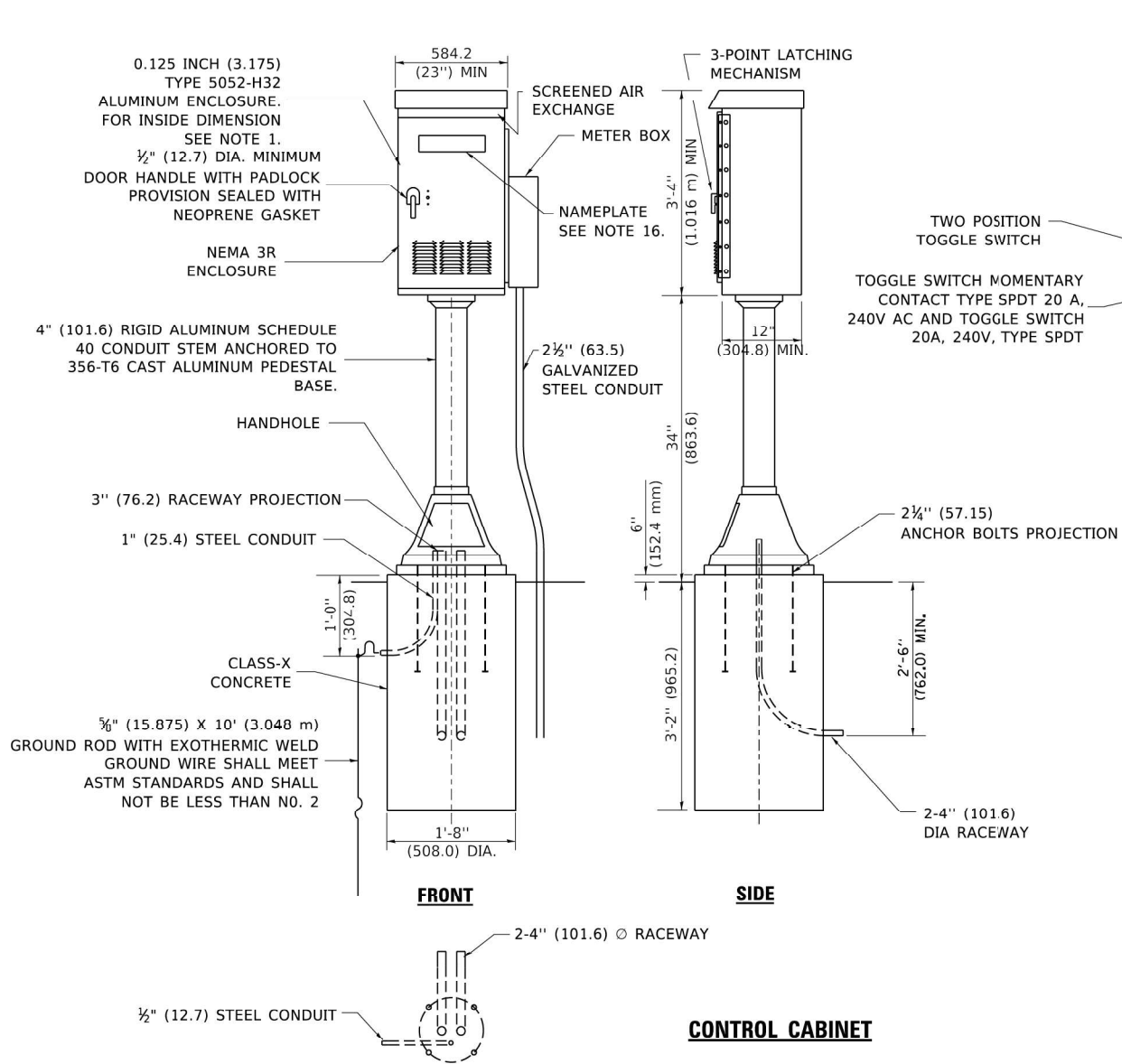
**BUTT JOINT AND
HMA TAPER DETAILS**

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	85
BD400-05 BD-32		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\BE-210.dwg Aug 10, 2026 - 3:16pm



PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 277V., 100 AMP., FRAME 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER. 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

USER NAME = footemj	DESIGNED -	REVISED - D. DREW 12-02-93
	DRAWN -	REVISED - R. TOMSONS 08-19-04
PLOT SCALE = 50.0000 ' / in.	CHECKED - R. GUPTA	REVISED -
PLOT DATE = 4/19/2019	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHTING CONTROLLER PEDESTAL MOUNT

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	86
BE-210		CONTRACT NO. 61M63		
		ILLINOIS FED. AID PROJECT		

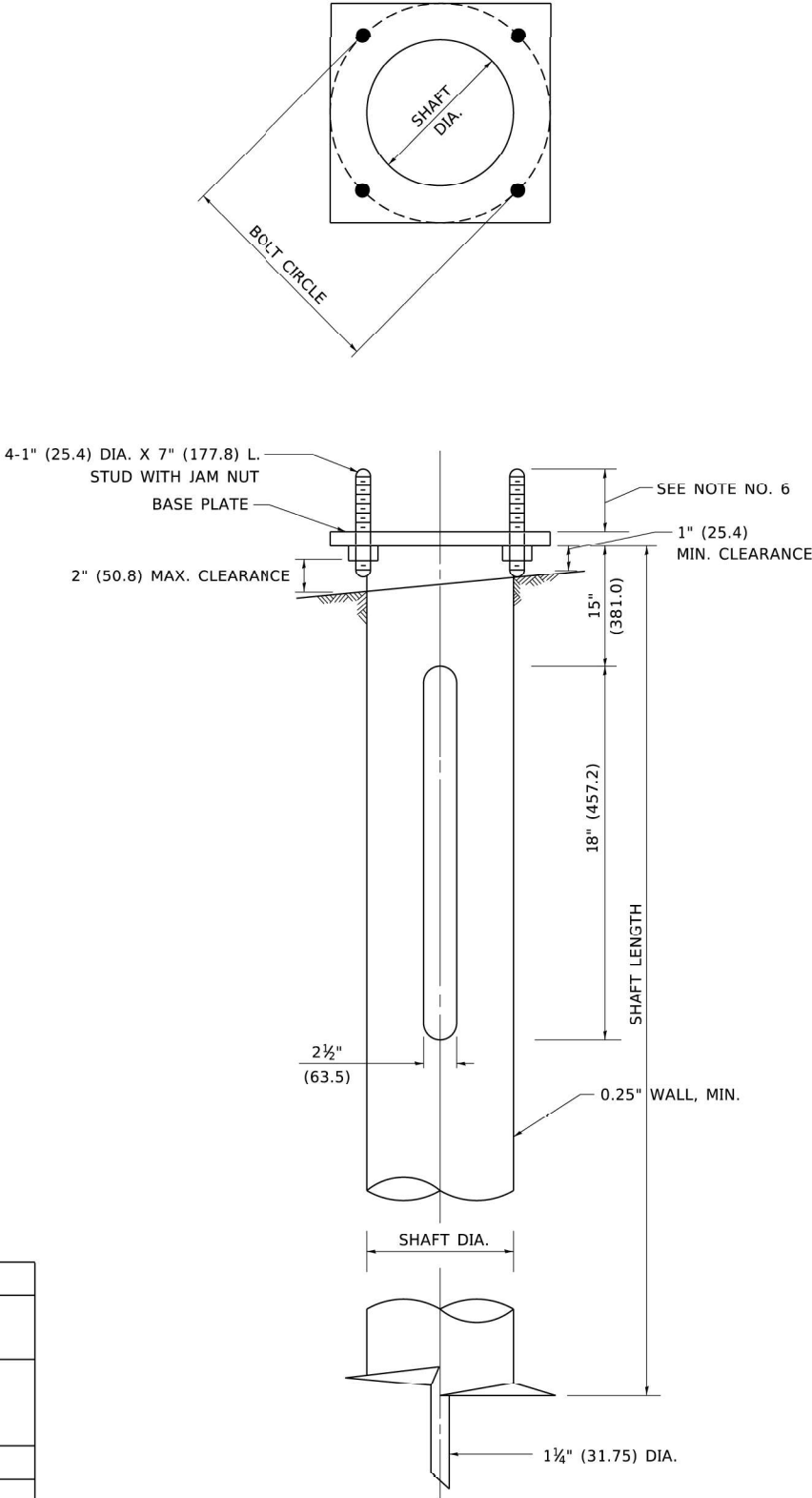
E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\BE-305.dwg Aug 10, 2026 - 3:16pm

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
41 FT.-45 FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1¼"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)



NOTES

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ($\pm 1^\circ$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE ($\pm 2^\circ$).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

USER NAME	= footemj	DESIGNED	-	REVISED	-
DRAWN	- DLB	REVISIED	-		
PLOT SCALE	= 50.0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 4/19/2019	DATE	- 02-27-07	REVISED	-

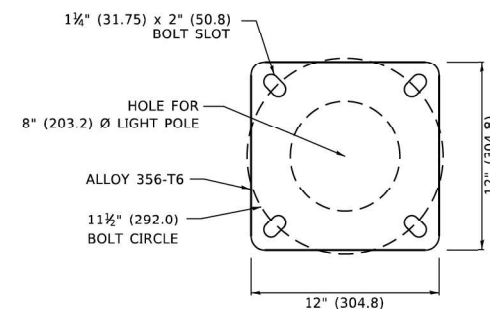
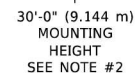
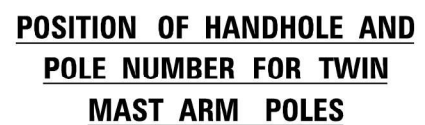
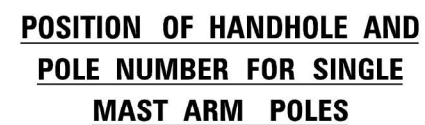
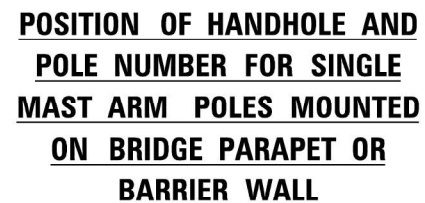
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION, METAL

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

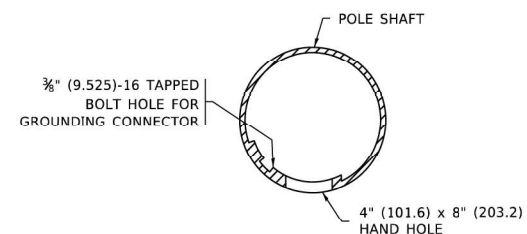
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	87
BE-305		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231



LIGHT POLE BASE PLATE DETAIL

11½" (292.0) BOLT CIRCLE



HANDHOLE DETAIL

(N.T.S.)

- ## NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
4. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED SPRINGING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
6. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - R. TOMSONS 09-02-03
	DRAWN -	REVISED - R. TOMSONS 01-18-13
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - TG 06-13-22
PLOT DATE = 12/19/2023	DATE -	REVISED - R. TOMSONS 12-19-23

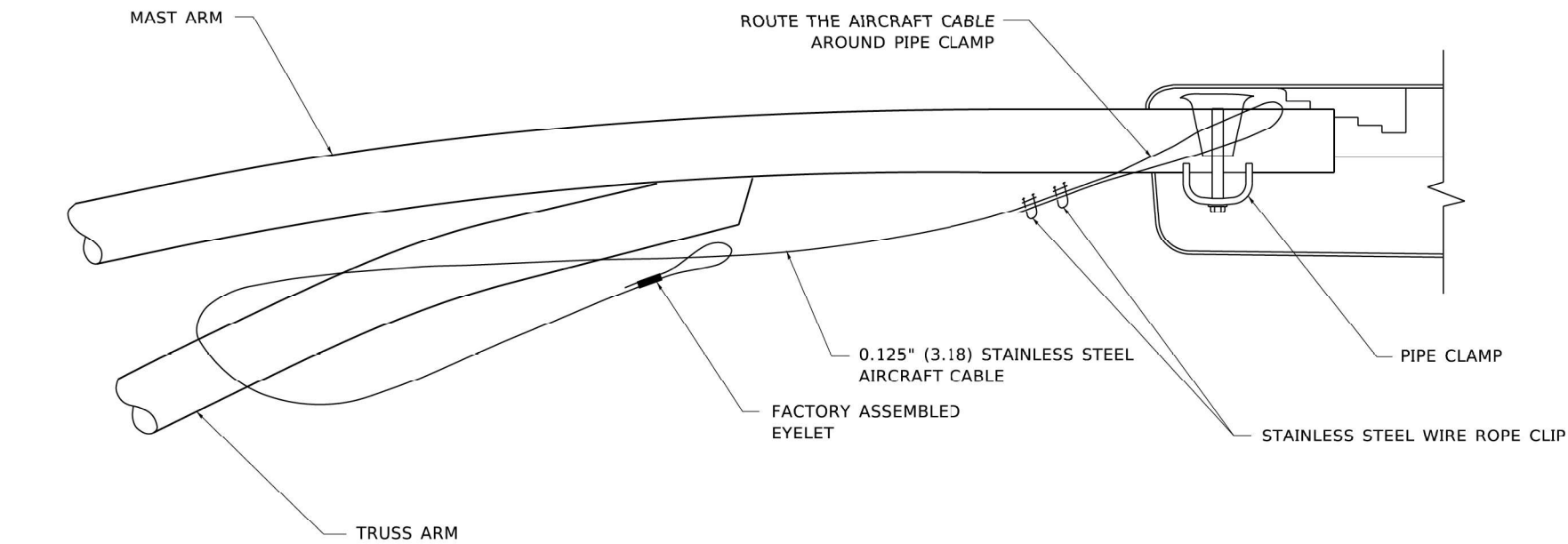
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM LIGHT POLE
30'-0" (9.144 m) MOUNTING HEIGHT

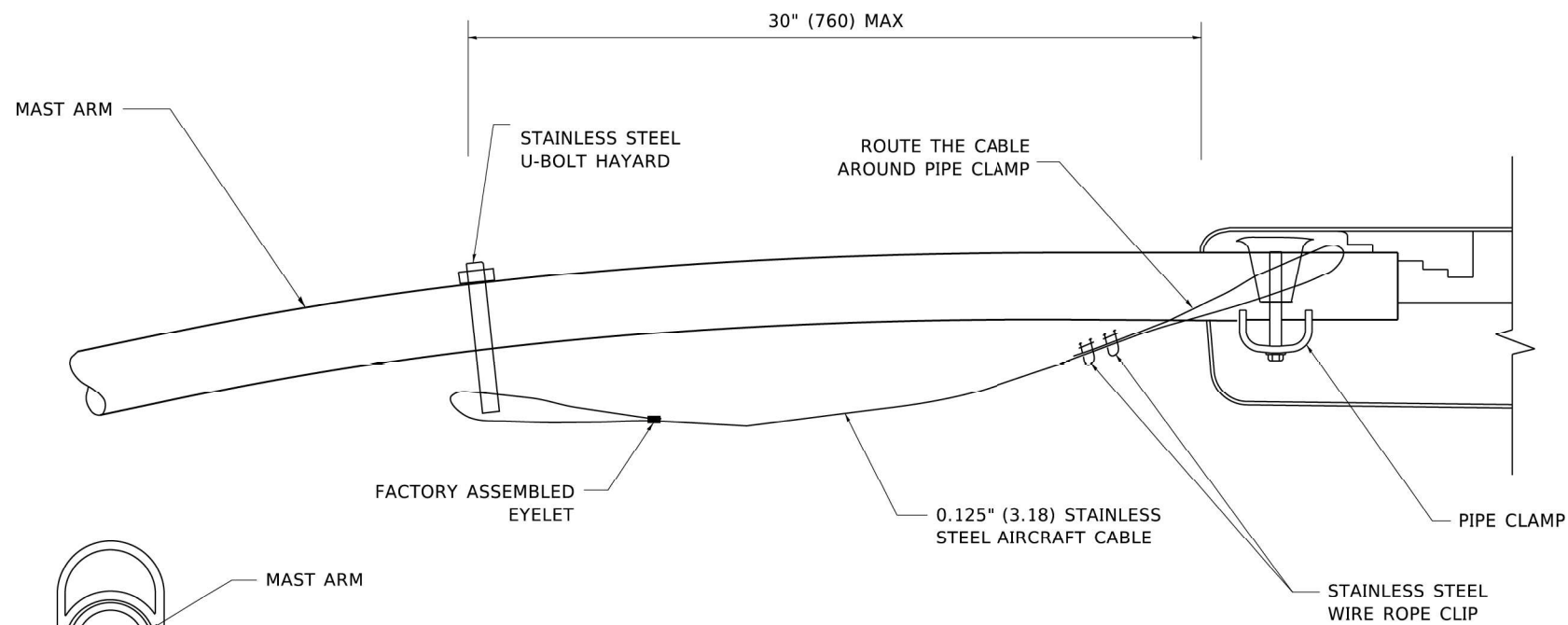
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	88
BE-403		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

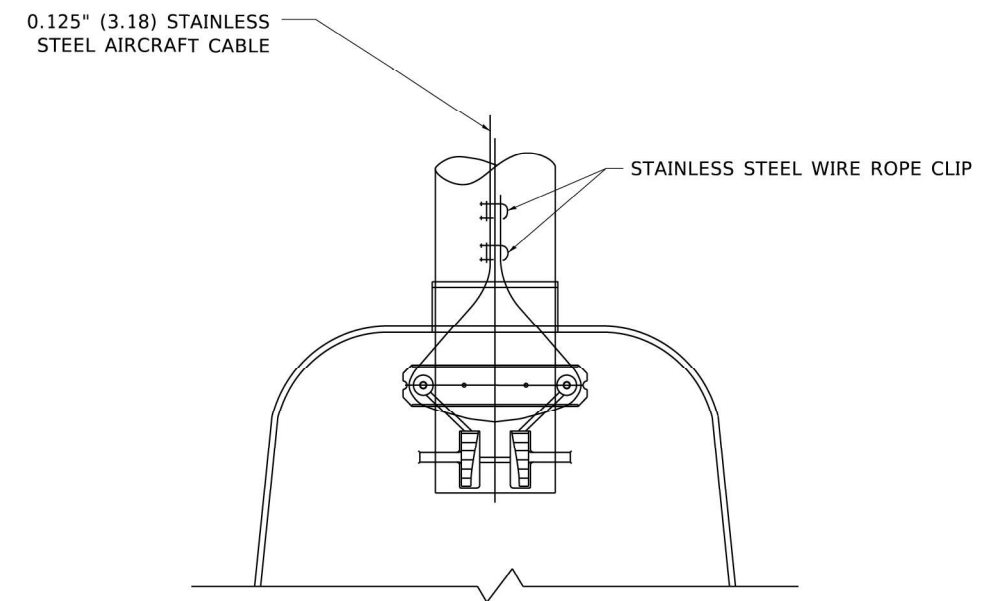
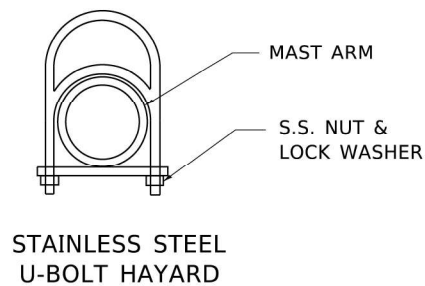
Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\BE-701.dwg Aug 10, 2026 - 3:16pm



SIDE VIEW (TRUSS ARM)
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



BOTTOM VIEW
N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

USER NAME	= footemj	DESIGNED	-	REVISED	-	08-08-03
DRAWN	-	REVIS	-	REVIS	-	
PLOT SCALE	= 50.0000 ' / in.	CHECKED	-	REVIS	-	
PLOT DATE	= 4/19/2019	DATE	-	REVIS	-	

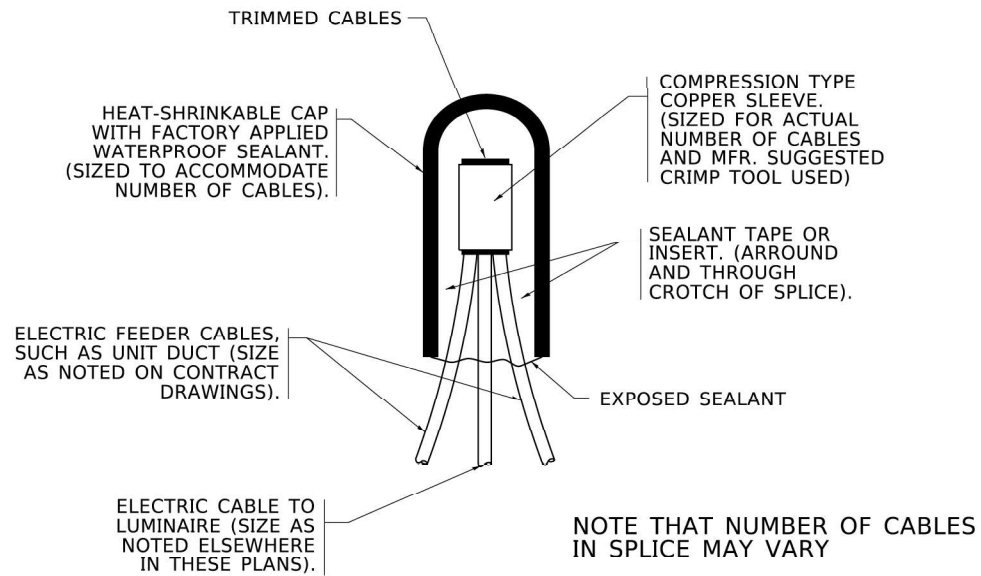
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LUMINAIRE SAFETY CABLE ASSEMBLY

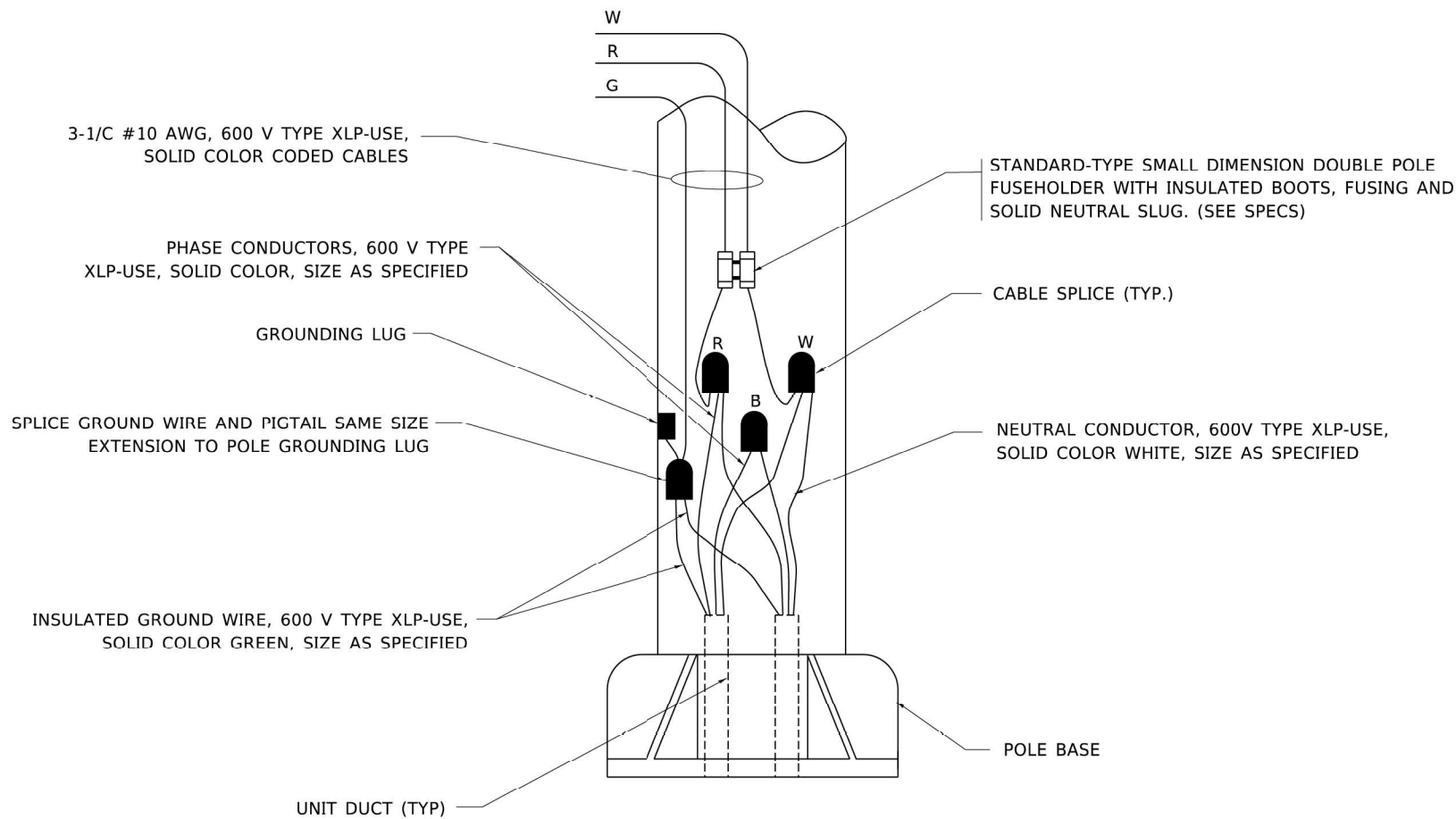
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEET'S	SHEET NO.
1672	24-00145-00-CH	COOK	98	89
BE-701		CONTRACT NO. 61M63		
	ILLINOIS	FED. AID PROJECT		

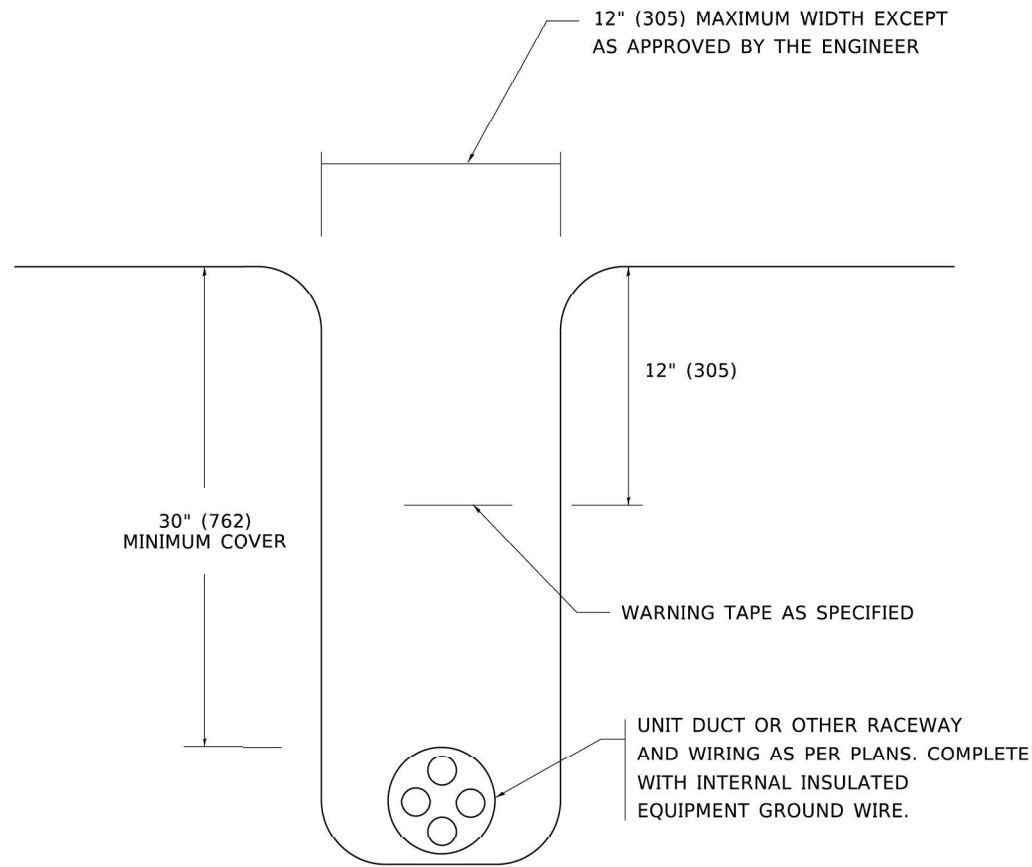
E.H.E. PROJECT NO. 600-25-231



TYPICAL SPLICE DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\BE-702.dwg Aug 10, 2026 - 3:16pm

USER NAME	= leysa	DESIGNED	-	REVISED	-	02/04/2020
DRAWN	-	CHECKED	-	REVISED	-	
PLOT SCALE	= 50.0000' / in.	DATE	-	08/08/2003	REVISED	-
PLOT DATE	= 3/2/2020					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

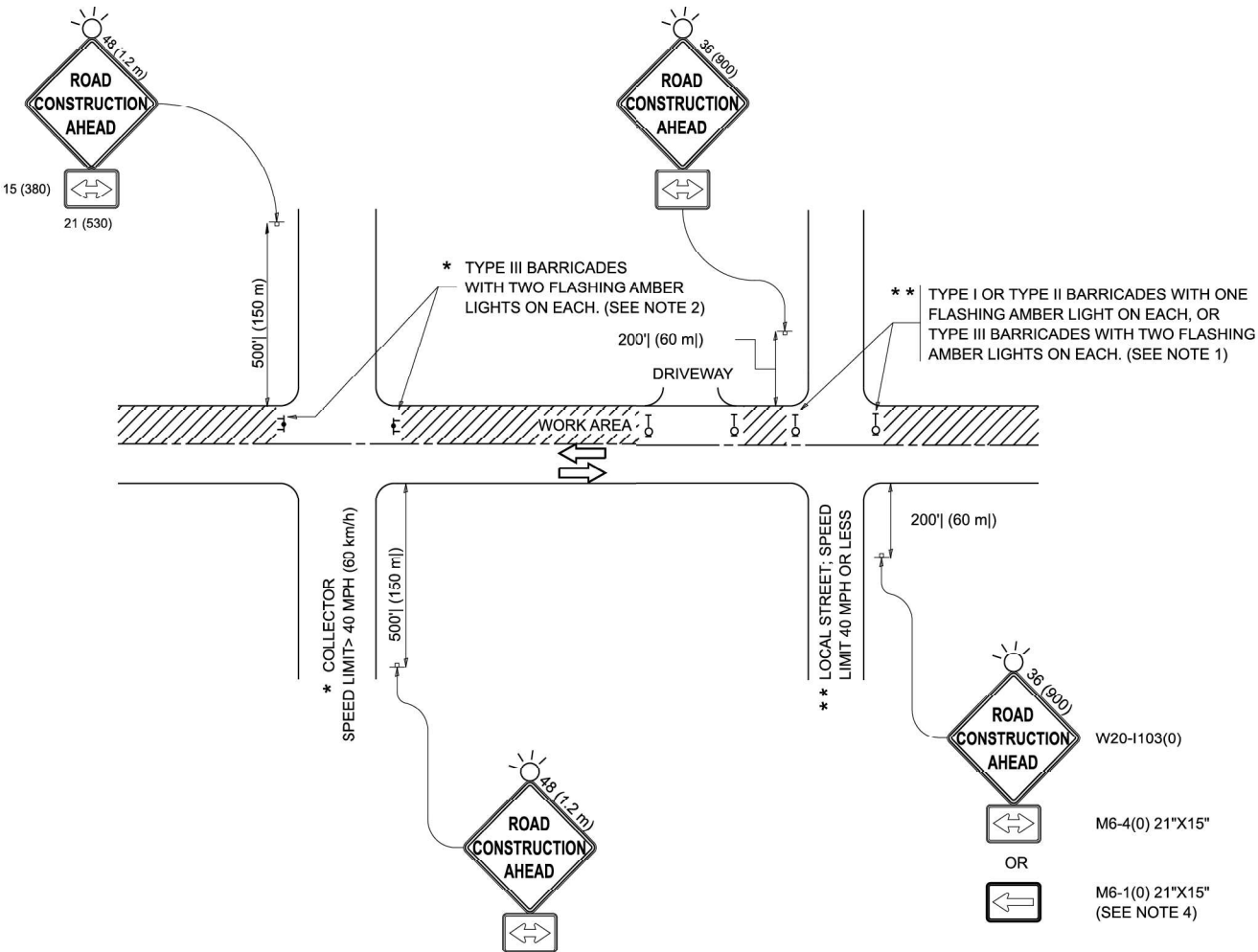
MISC. ELECTRICAL DETAILS
SHEET A

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	90
BE-702		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - Phase II\TC_10.dwg Aug 10, 2026 - 3:16pm



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.
2. 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.

b) 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.
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.

4. 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).
5. 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	=	0.08333317"/in.	CHECKED	-		REVISED	-	A. SCHUETZE 09-15-06
PLOT DATE	=	10/2/2025	DATE	-	06-89	REVISED	-	D. SENDERAK 05-03-25

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

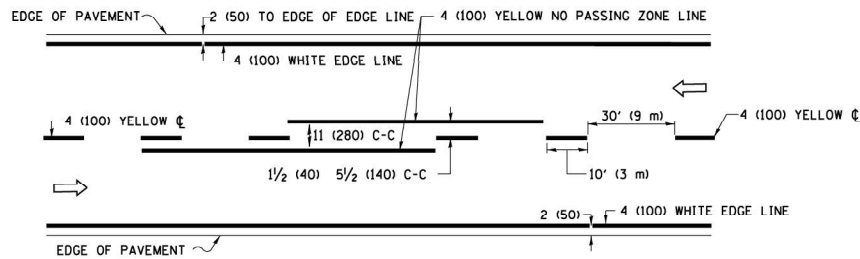
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: SHEET OF SHEETS STA. TO STA.

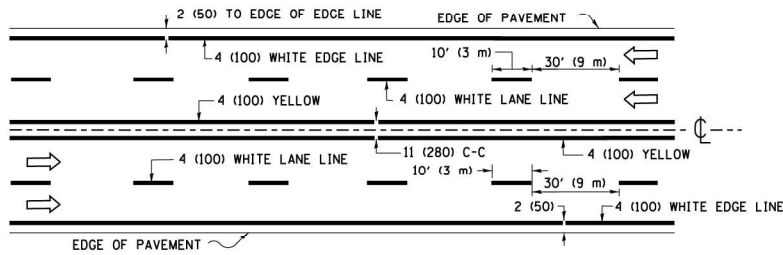
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	91
TC-10		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

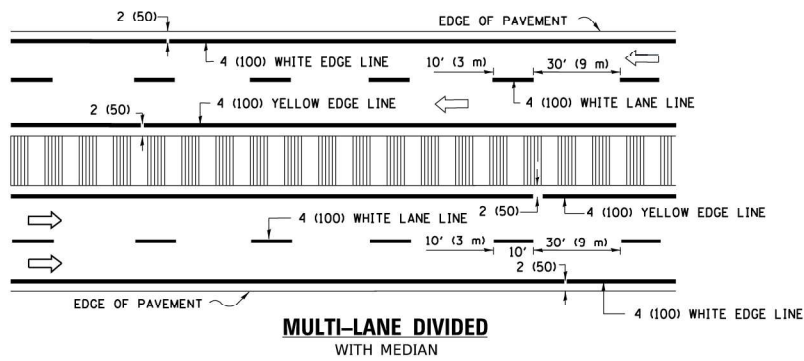
Drawing file: W:\Projects_by_Village\Verona Park\60025231 - George Street - Phase II\TC_13.dwg Aug 10, 2026 - 3:16pm



2-LANE ROADWAY

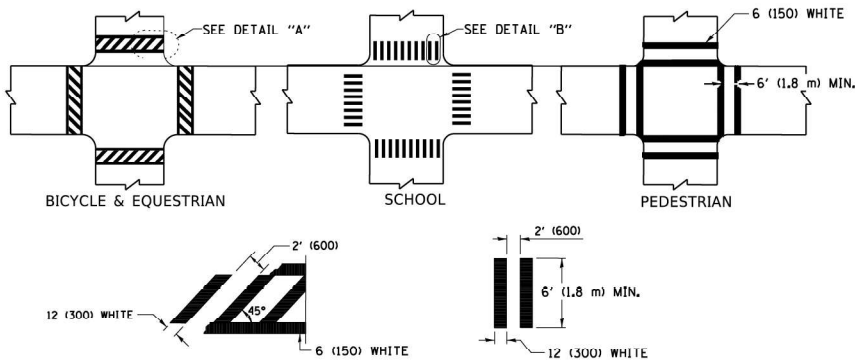


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

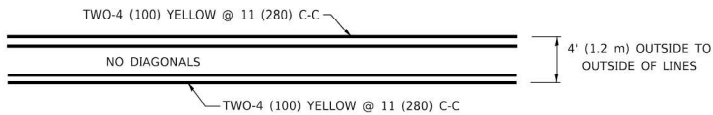


DETAIL "A"

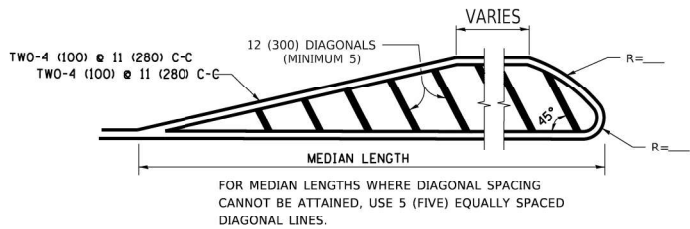
DETAIL "B"

TYPICAL CROSSWALK MARKING

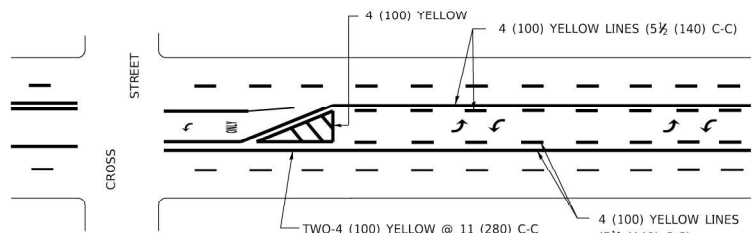
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



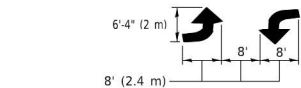
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

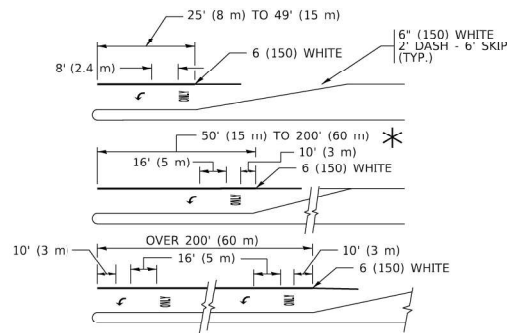


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

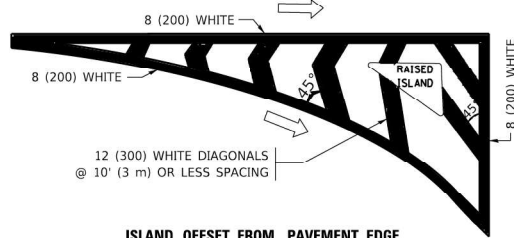


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

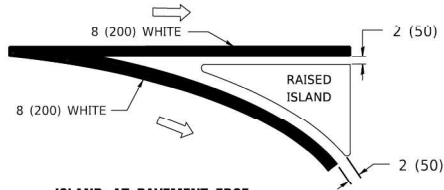
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

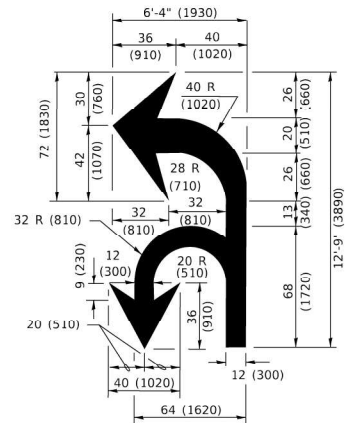


ISLAND OFFSET FROM PAVEMENT EDGE

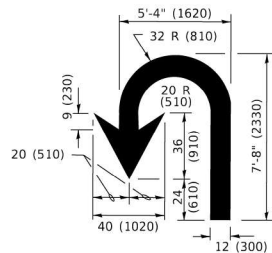


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION
LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN - C. JUCIUS 07-01-13	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.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	92
TC-13		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

NORTH

M3-1-2412

EAST

M3-2-2412

SOUTH

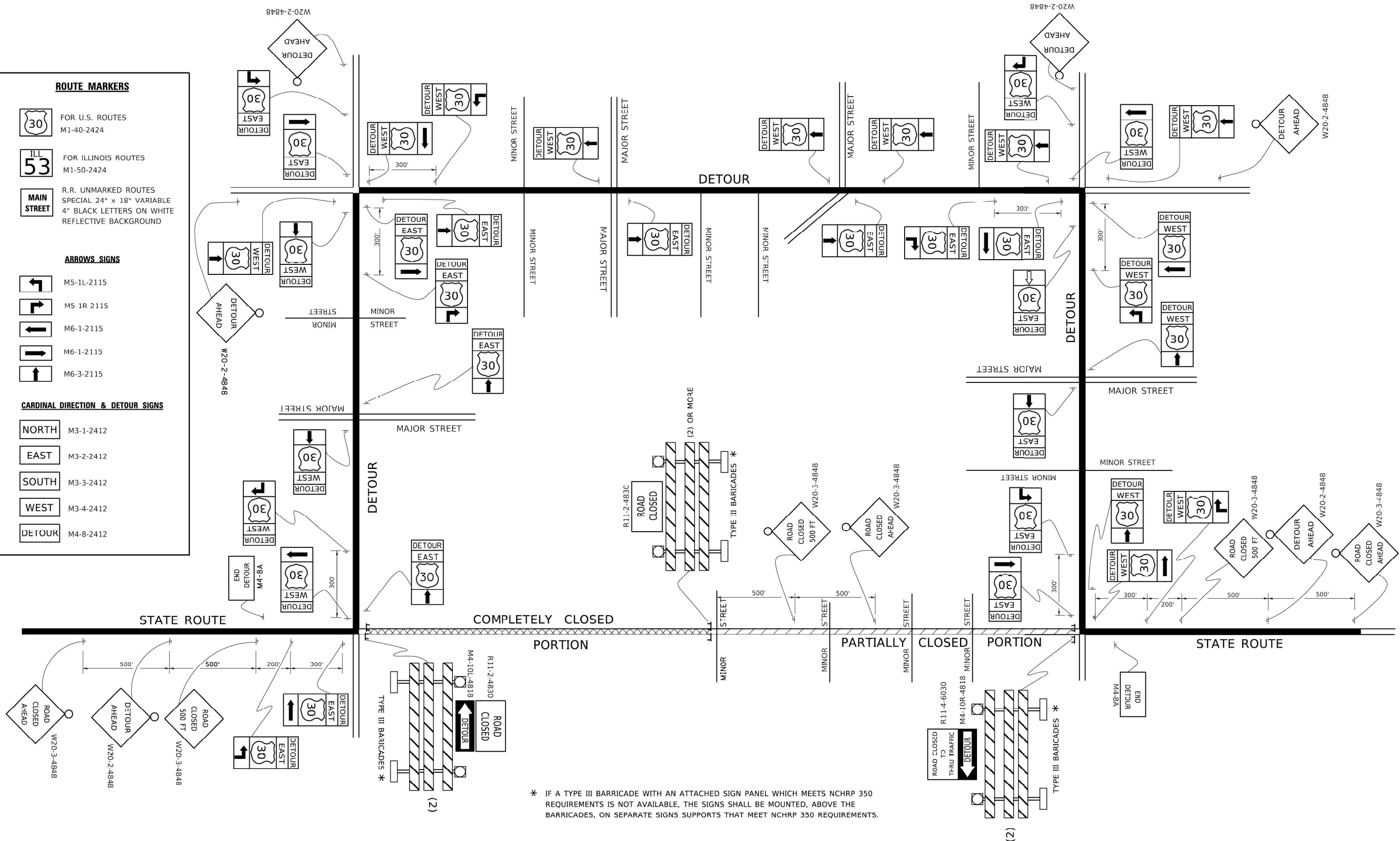
M3-3-2412

WEST

M3-4-2412

DETOUR

M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = footemj	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

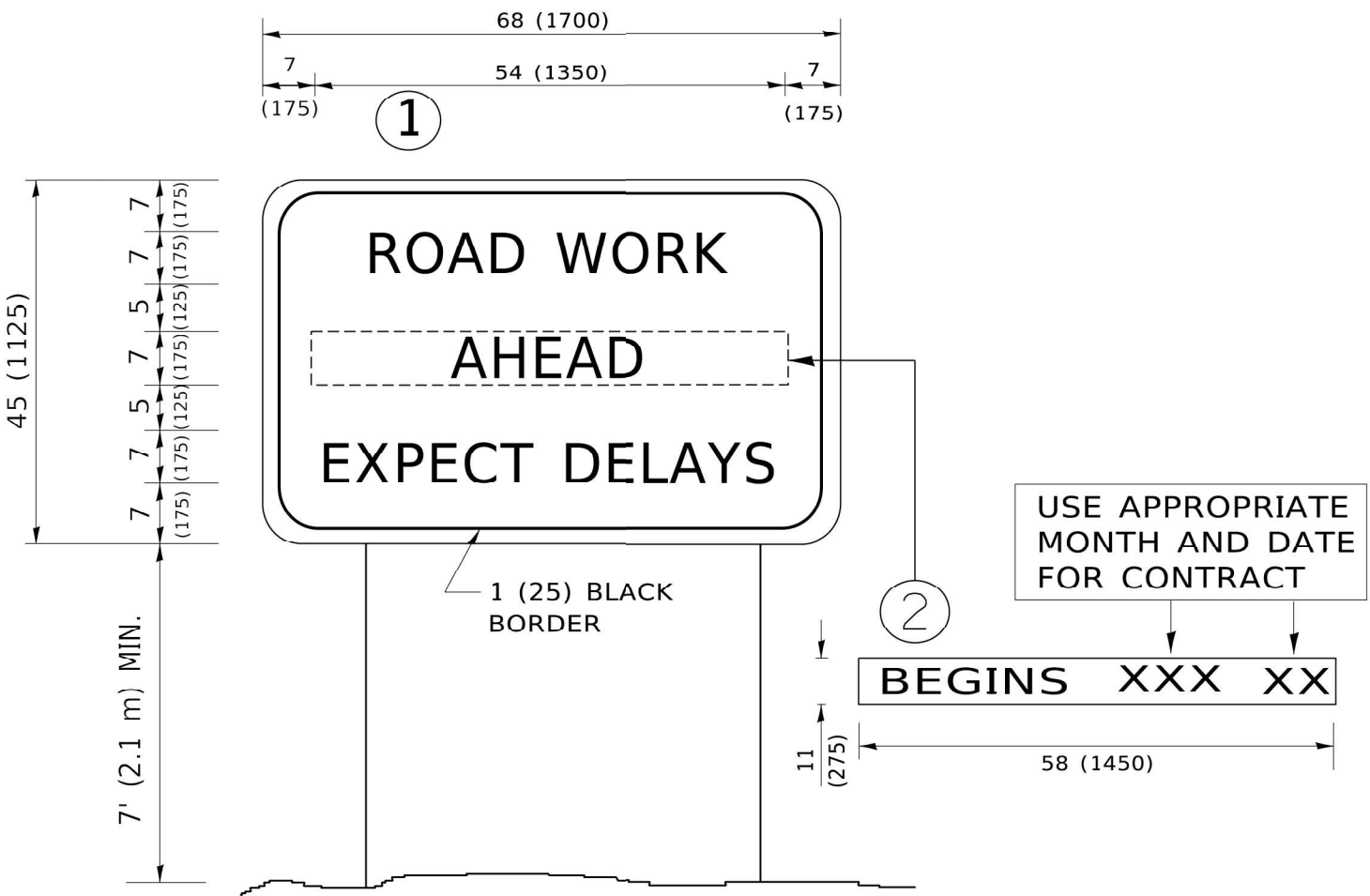
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	93
TC-21		CONTRACT NO. 61M63		
		ILLINOIS FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Melrose Park\60025231 - George Street - Phase II\TC_22.dwg Aug 10, 2026 - 3:16pm



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.

USER NAME	= footemj	DESIGNED	-
DRAWN	-	REVIS	-
PLOT SCALE	= 50.0000 ' / in.	CHECKED	-
PLOT DATE	= 3/4/2019	DATE	-

REVISED	-	R. MIRS	09-15-97
REVISED	-	R. MIRS	12-11-97
REVISED	-	T. RAMMACHER	02-02-99
REVISED	-	C. JUCIUS	01-31-07

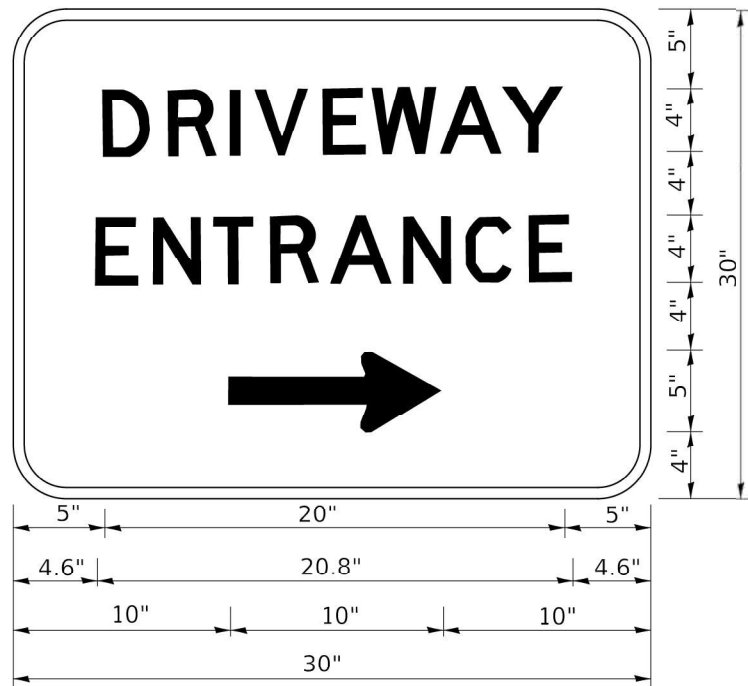
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	94
TC-22		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 600-25-231



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

USER NAME	= leysa	DESIGNED	-	REVISED	-	C. JUCIUS 02-15-07
		DRAWN	-		REVISED	-
PLOT SCALE	= 50.0000' / in.	CHECKED	-		REVISED	-
PLOT DATE	= 8/6/2021	DATE	-		REVISED	-

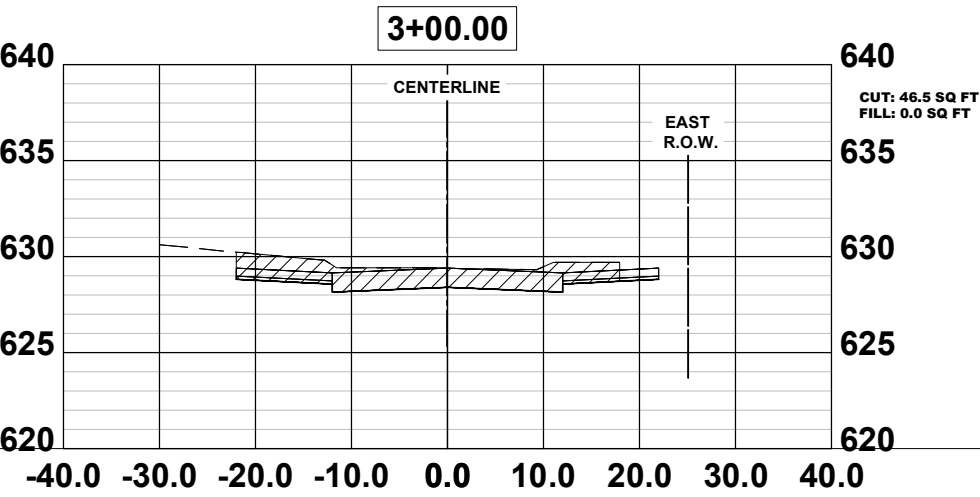
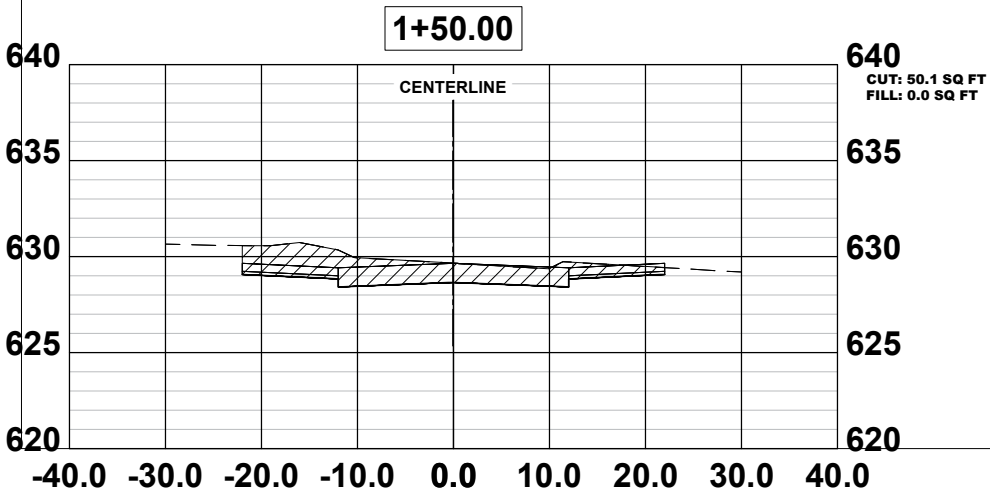
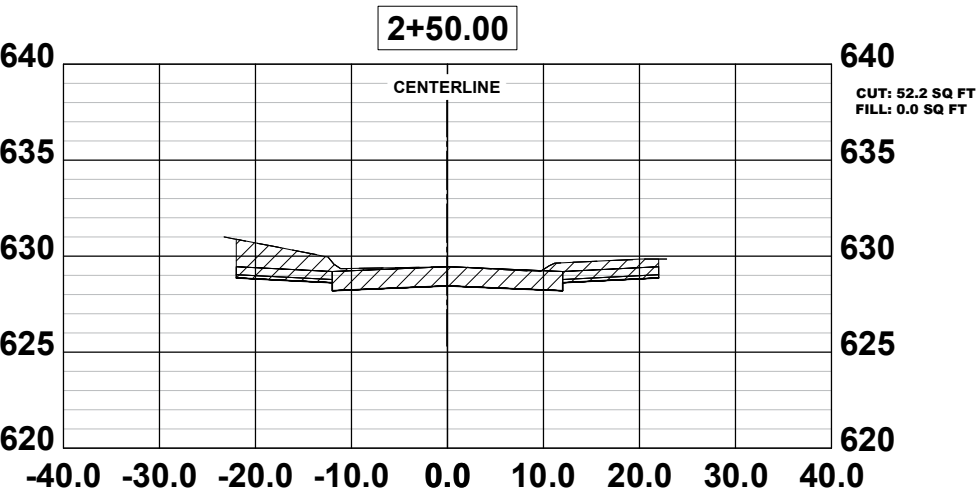
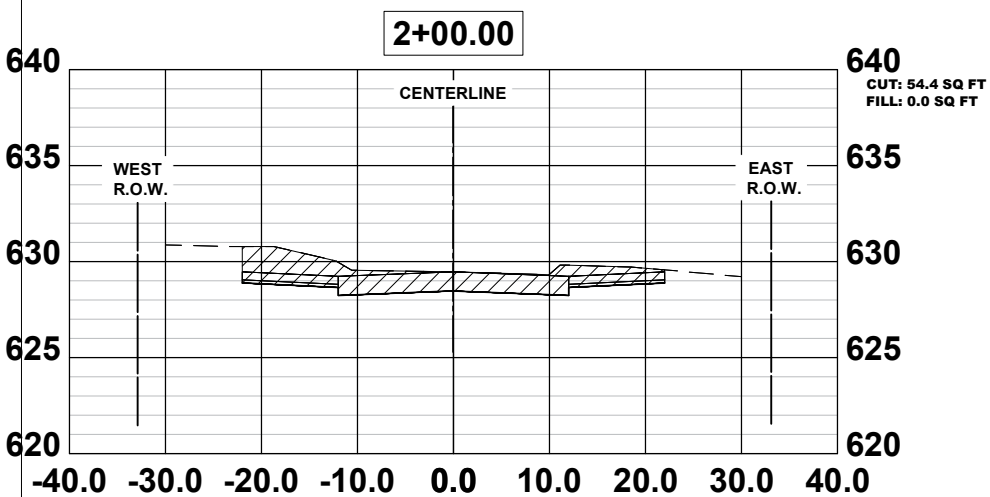
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	95
TC-26		CONTRACT NO. 61M63		
ILLINOIS		FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Marose Park\60025231 - Phase II\Site\George St. Cross Sections.dwg Aug 10, 2026 - 3:17pm



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DESIGNED -	RM	REVISED -	
DRAWN -	GE, DMM, SA, LW, JCR	REVISED -	
CHECKED -	ELS	REVISED -	
DATE -	6-11-26	REVISED -	

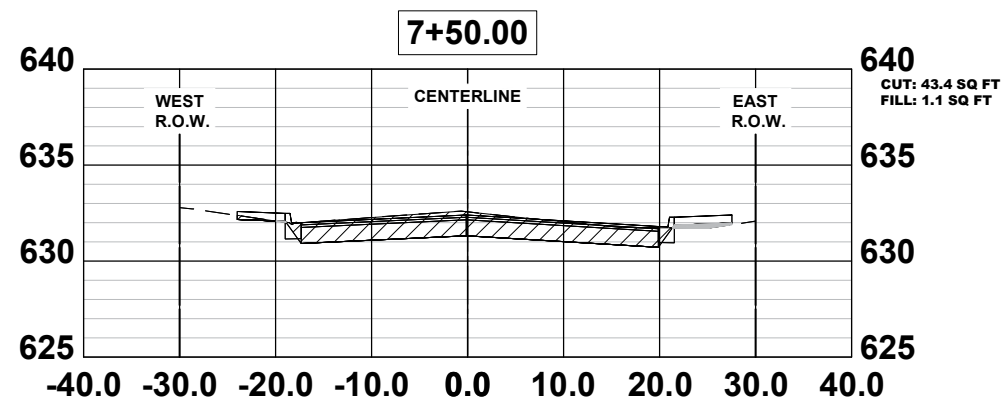
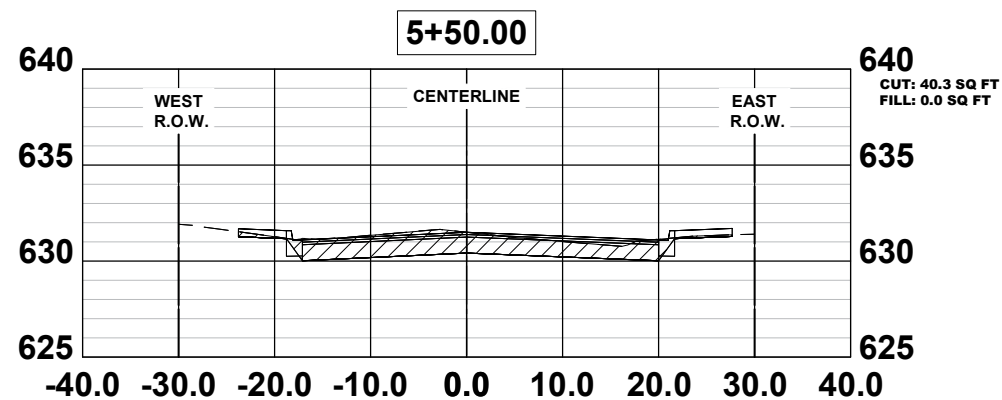
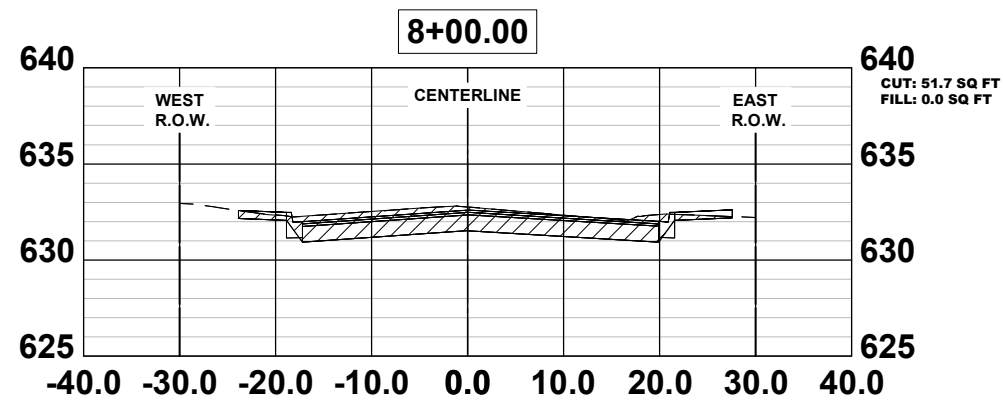
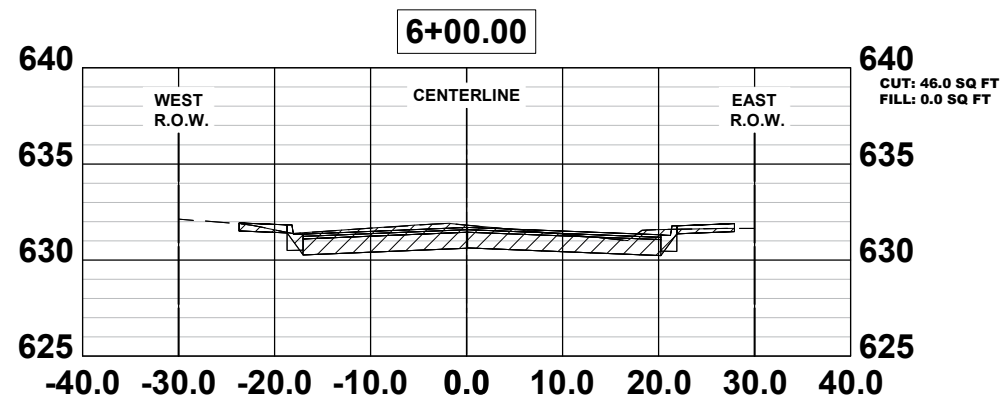
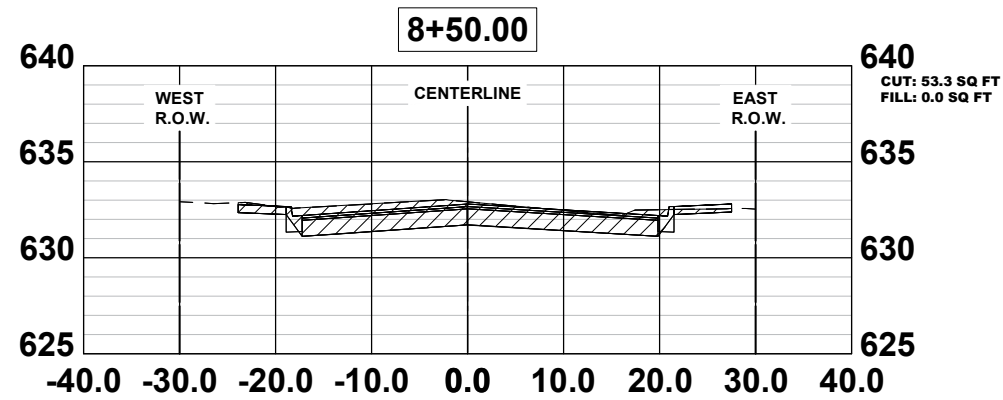
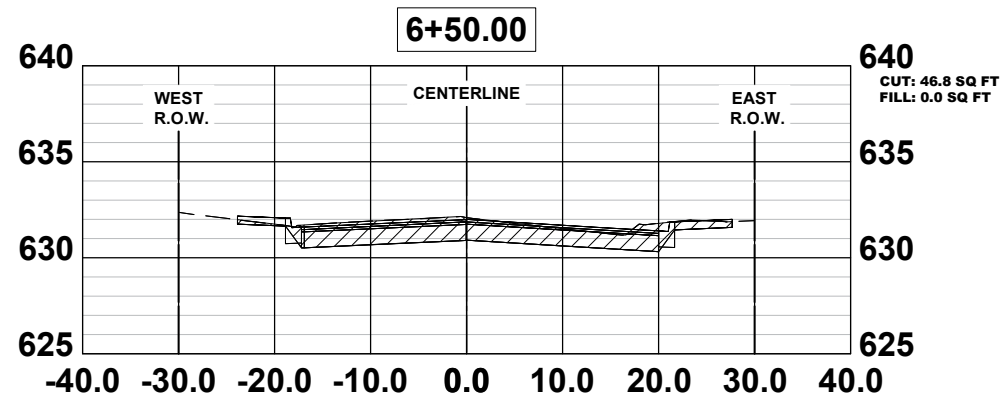
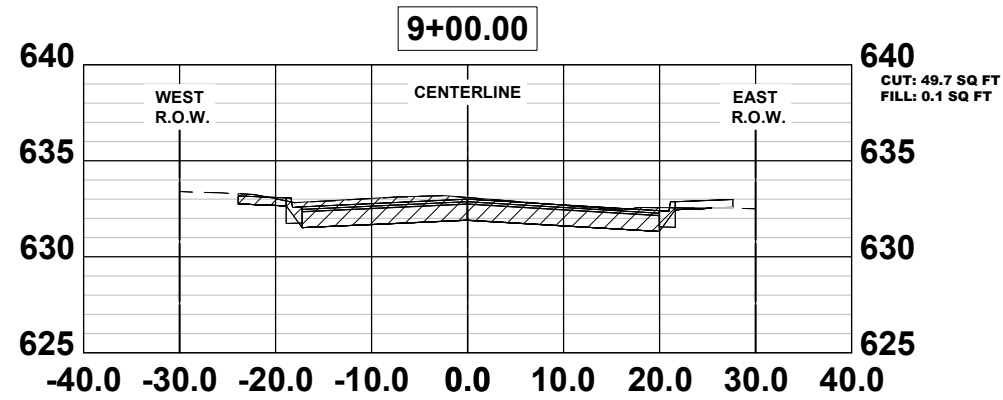
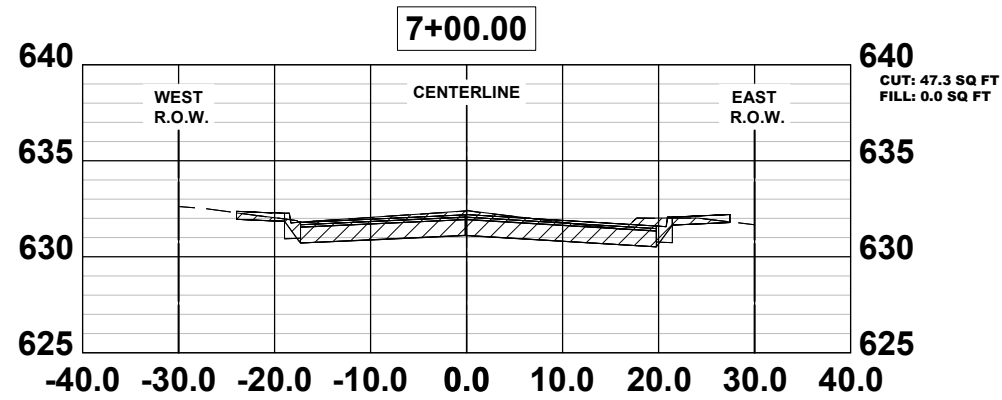
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SERVICE DRIVE
CROSS SECTIONS

SCALE: -	SHEET NO. -	OF -	SHEETS	STA. -	TO STA. -
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	96
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

Drawing file: W:\Projects_by_Village\Meiose Park\6002521 - Phase II\Site\George St. Cross Sections.dwg Aug 10, 2026 - 3:17pm



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DESIGNED -	RM
DRAWN -	GE, DMM, SA, LW, JCR
CHECKED -	ELS
DATE -	6-11-26

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEORGE STREET
CROSS SECTIONS

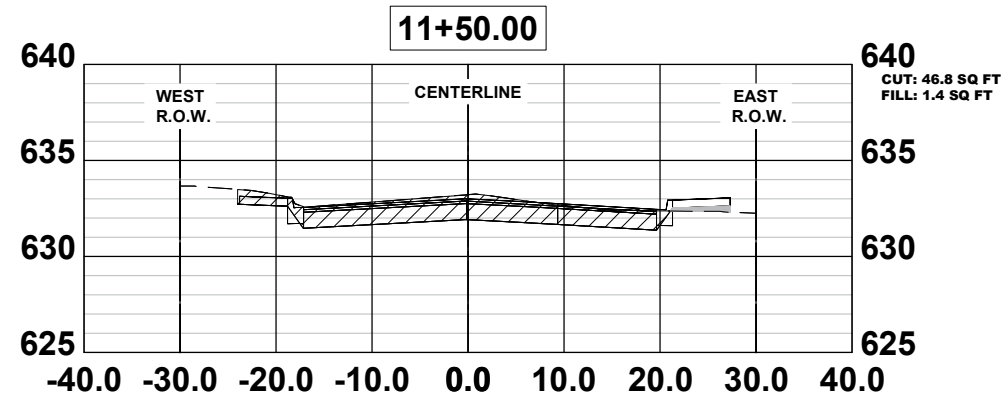
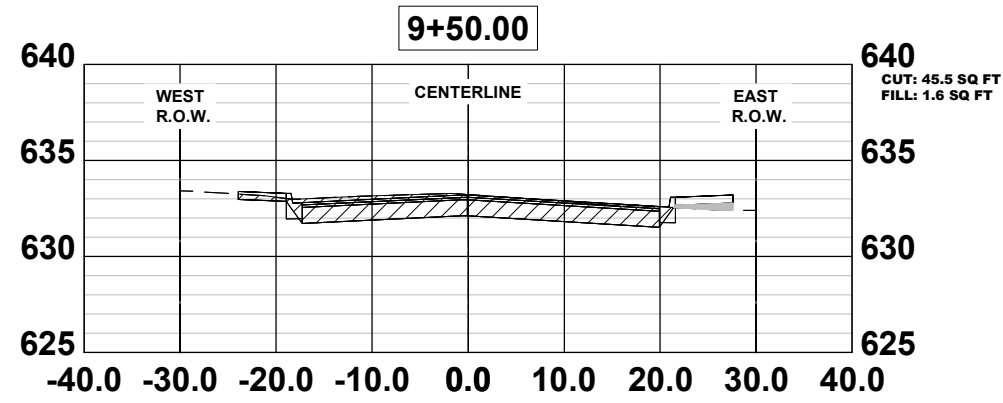
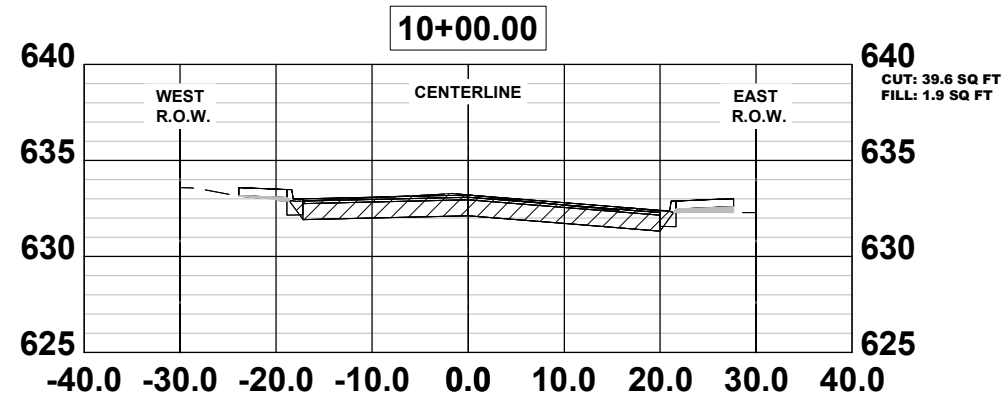
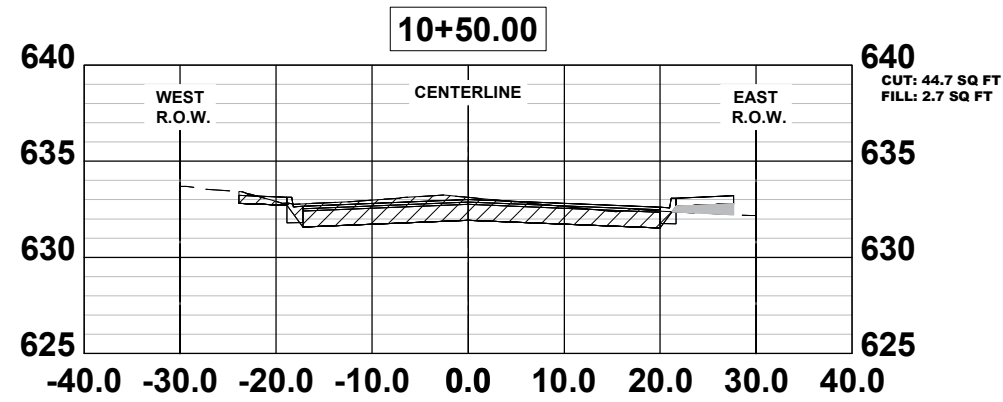
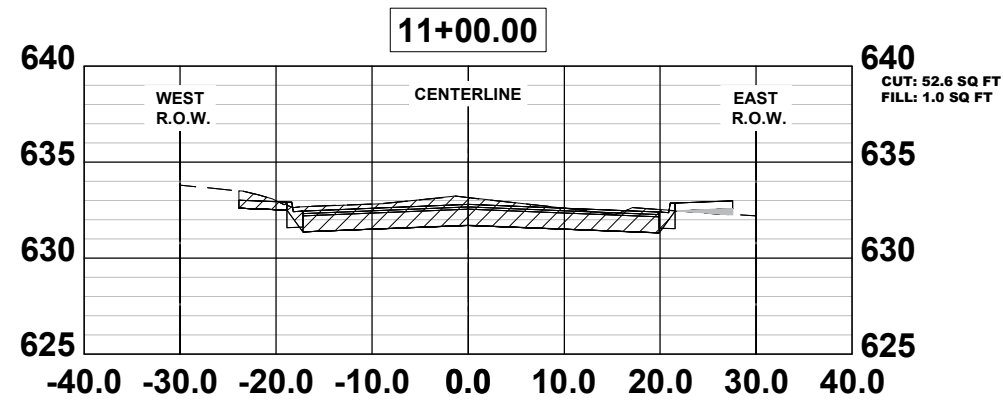
SCALE: - SHEET NO. - OF - SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	97
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231

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CHECKED -	ELS
DATE -	6-11-26

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GEORGE STREET
CROSS SECTIONS

SCALE: - SHEET NO. - OF - SHEETS STA. - TO STA. -

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1672	24-00145-00-CH	COOK	98	98
FIELD BOOK NO. : -		CONTRACT NO. 61M63		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 600-25-231

E.H.E. PROJECT NO. 600-25-231