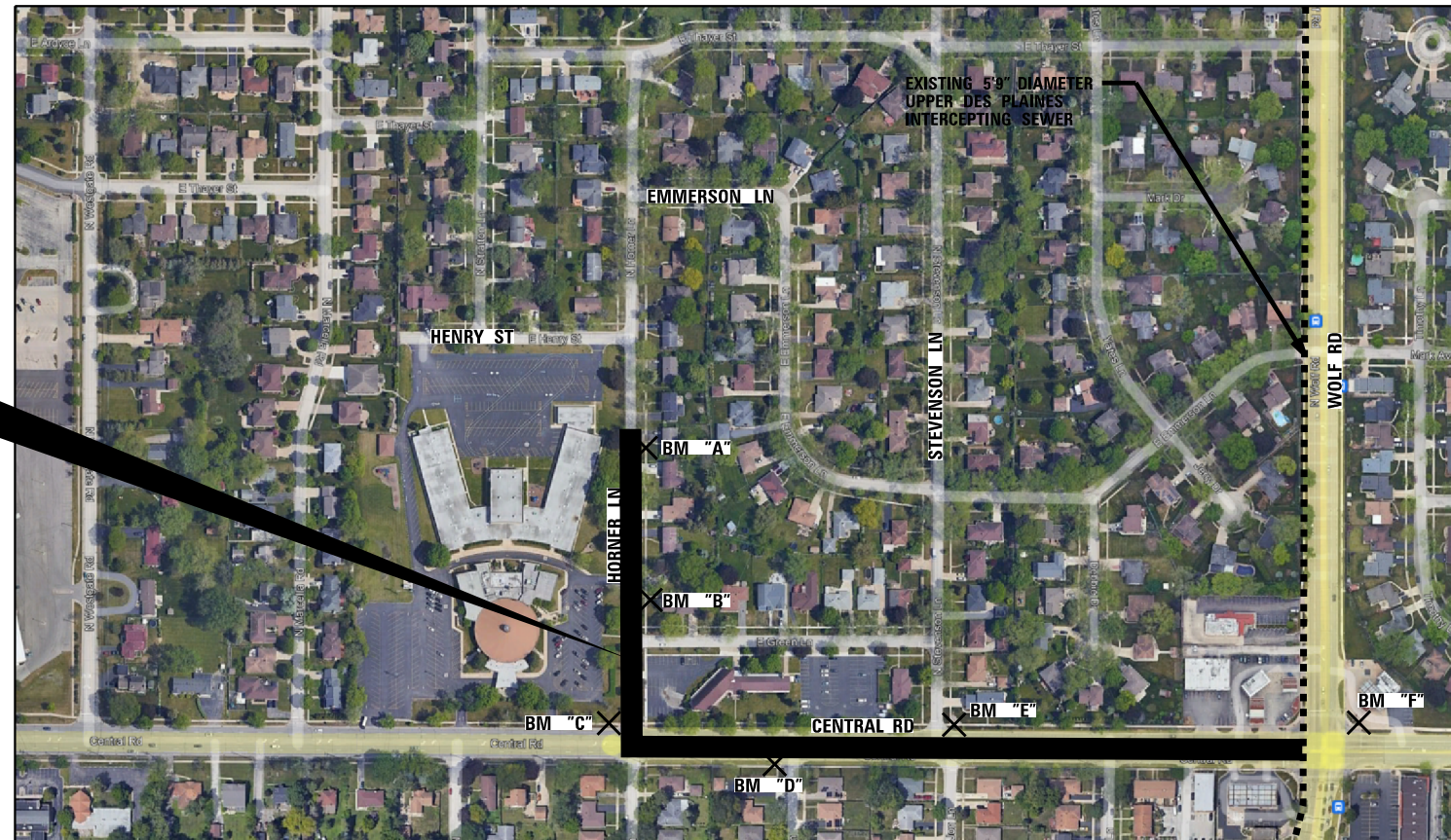


FAIRVIEW GRAVITY SEWER VILLAGE OF MOUNT PROSPECT

IDOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 353001-05 PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
- 424001-11 PERPENDICULAR CURB RAMP FOR SIDEWALKS
- 424026-03 ENTRANCE /ALLEY PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE
- 701602-10 URBAN LANE CLOSURE, MULTILANE
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- 606001 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER

PROJECT LOCATION

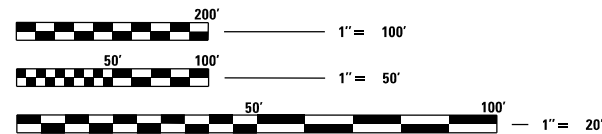


MAYOR
PAUL Wm. HOEFERT

VILLAGE CLERK
KAREN AGORANOS

VILLAGE MANAGER
MICHALE J. CASSADY

TRUSTEES
AGOSTINO S. FILIPPONE
TERRI GENS
JOHN J. MATUSZAK
WILLIAM A. GROSSI
COLLEEN E. SACCOPELLI
VINCENT J. DANTE



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

CONTACT INFORMATION	
J.U.L.I.E.	800.892.0123 or 811
Mount Prospect	
Public Works	847.870.5640
Police	847.870.5656
Fire	847.870.5660
Emergency	911

MEADE ELECTRIC CO., DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773.287.7872

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.
P (708) 588-4055
E WMOJobStart@mwrdd.org

PROJECT LENGTH

HORNER LANE = 614 LF
CENTRAL ROAD = 970 LF

BENCHMARK (NAVD 88)

BM "A"
ARROW BOLT ON TOP FLANGE OF FIRE HYDRANT LOCATED ALONG THE EAST SIDE OF HORNE LANE APPROXIMATELY 550' NORTH OF CENTRAL ROAD.
ELEV. = 655.89

BM "D"
NORTH FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #51 LOCATED IN THE SOUTHWEST CORNER OF CENTRAL ROAD AND PATRICIA LANE.
ELEV. = 656.94

BM "B"
ARROW BOLT ON TOP FLANGE OF FIRE HYDRANT LOCATED ALONG THE EAST SIDE OF HORNE LANE APPROXIMATELY 250' NORTH OF CENTRAL ROAD.
ELEV. = 660.73

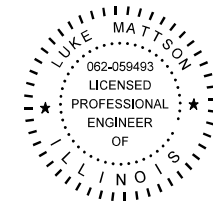
BM "E"
SOUTH FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #54 LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND STEVENSON LANE.
ELEV. = 655.49

BM "C"
EAST FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #48 LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND HORNE LANE.
ELEV. = 658.91

BM "F"
SOUTHEAST BOLT LOCATED IN THE BASE OF THE MAST ARM LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND WOLF ROAD.
ELEV. = 655.64

INDEX OF SHEETS

1	Cover Sheet
2	Legend and General Notes
3	MWRD General Notes
4 - 5	Summary of Quantities
6 - 7	Typical Sections
8	Alignment, Ties, and Benchmarks
9 - 11	Existing Conditions and Removal Plan
12 - 16	Proposed Sanitary Sewer Plan and Profile
17	Maintenance of Traffic General Notes
18	Maintenance of Traffic Typical Sections
19 - 26	Maintenance of Traffic Plan
27 - 29	Erosion Control and Restoration Plan
30 - 34	Pavement Marking Plan
35	Lift Station Demolition Plan
36	Village Standard Details
37 - 38	MWRD Details
39 - 44	IDOT District One Details
45 - 47	Reference Drawings



DATE: 2/16/2024
SEAL EXPIRES: 11/30/2025

DATE: 2/16/2024
SEAL EXPIRES: 11/30/2025

SHEETS 1 - 16
SHEETS 27 - 29
SHEETS 35 - 47

SHEETS 17 - 26
SHEETS 30 - 34



8725 W. Higgins Road, Suite 600, Chicago, IL 60631 | 773.775.4009 | www.ciorba.com

DESIGN FIRM REGISTRATION NUMBER: 184-001016

FAIRVIEW GRAVITY SEWER

FEBRUARY 18, 2024

SHEET 1 OF 47

GENERAL NOTES:

- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E (DIAL 1-800-892-0123) 48 HOURS PRIOR TO ANY EXCAVATION WORK TO DETERMINE THE LOCATIONS OF EXISTING UTILITIES.
- THE VILLAGE OF MOUNT PROSPECT, AND THEIR DESIGNATED AGENTS SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- DO NOT SCALE DRAWINGS FOR CONSTRUCTION DIMENSIONS.
- THE ENGINEER PLEDGES THE DESIGN, RECOMMENDATIONS, AND SPECIFICATIONS TO HAVE BEEN PREPARED IN ACCORDANCE WITH CONDITIONS GENERALLY ENCOUNTERED IN THE INDUSTRY. THE DESIGN ENGINEER ASSUMES NO RESPONSIBILITY WITH RESPECT TO THE DESIGN RECOMMENDATIONS AND SPECIFICATIONS FOR COMPLEX OR UNUSUAL SOIL CONDITIONS ENCOUNTERED ON THE PROJECT. IT SHALL BE THE BIDDERS' RESPONSIBILITY TO ASCERTAIN THE EXACT NATURE OF SUBSURFACE CONDITIONS PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
- THE LOCATION OF EXISTING UTILITIES, EASEMENTS, AND RIGHT-OF-WAYS ARE SHOWN ON THESE PLANS ACCORDING TO SURVEYS CARRIED OUT AND EXISTING VILLAGE DATA, AND REPRESENT THE BEST INFORMATION MADE POSSIBLE TO THE ENGINEER. THIS DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND TO PROVIDE FOR THEIR PROTECTION FROM DAMAGE DURING THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S COST. IF OTHER UTILITIES OR CONFLICTS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED.
- BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LINE AND GRADES SHOWN ON THE CONTRACT DRAWINGS. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY REPORT SAME TO THE OWNER PRIOR TO PERFORMING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK REQUIRED.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", LATEST EDITION.
 - "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", LATEST EDITION.
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION.
 - OWNER AND CURRENT MUNICIPAL CODES.
 - NATIONAL ELECTRIC CODE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF OF ALL CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS THE TOTAL COST FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED DUE TO THE CONTRACTOR'S FAILURE TO UNDERSTAND THE SCOPE OF WORK.
- THE CONTRACTOR, AT HIS EXPENSE, SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND BONDS FOR CONSTRUCTION ALONG OR ACROSS EXISTING ROADWAYS WITHIN THE PROJECT SITE. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR PROPER BRACING, SHORING, OR OTHER PROTECTION REQUIRED, INCLUDING INSTALLATION AND MAINTENANCE OF ADEQUATE TRAFFIC CONTROL AND PROTECTION BEFORE CONSTRUCTION BEGINS. ALL WORK CONDUCTED SHALL BE PROTECTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE LATEST EDITION OF THE "ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (IL STANDARD SPECIFICATIONS), SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONTRACTORS' MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY, PRECAUTIONS, AND PROGRAMS INCIDENT THERETO, AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONTRACTORS' FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC. THE STANDARD SPECIFICATIONS SHALL APPLY. APPROPRIATE CONTROL METHODS SHALL BE APPLIED TO THE SPECIFIC SITUATIONS AND TYPES OF CONSTRUCTION OPERATIONS BEING PERFORMED.
- THE CONTRACTOR SHALL RESTORE SURFACES TO THE ORIGINAL PRE-CONSTRUCTION CONDITION IF DAMAGED BY CONSTRUCTION. ANY EXISTING CURB, PAVEMENT, OR SIDEWALK DISTURBED DURING THE CONSTRUCTION PROCESS IS TO BE REPLACED. UNPAVED AREAS ARE TO BE FINE GRADED AND SODDED UNLESS OTHERWISE NOTED. ALL EXCESS TRENCH MATERIAL IS TO BE REMOVED FROM THE SITE. THE COST OF SAID REPLACEMENT AND REMOVAL SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- ALL TRENCHES CAUSED BY THE CONSTRUCTION OF SEWERS, FORCEMAINS, WATERMAIN, WATER SERVICE PIPES, AND ALL EXCAVATIONS AROUND CATCH BASINS, MANHOLES, INLETS, AND OTHER APPURTENANCES WHICH OCCUR WITHIN TWO FEET OF THE LIMITS OF EXISTING AND PROPOSED PAVEMENTS, SIDEWALKS, AND CURB AND GUTTERS, SHALL BE BACKFILLED WITH SELECT GRANULAR BACKFILL (CRUSHED) (IDOT GRADATION CA-11) AND COMPACTED PROPERLY, OR AS SHOWN ON THE DETAILS. ANY DEPRESSIONS IN PAVEMENT AREAS THAT

- WERE REPLACED SHALL BE REMOVED AND CONSTRUCTED PROPERLY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE APPROPRIATE STANDARD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ABIDE BY, ADHERE TO, AND PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS, SPECIFICATIONS, STANDARDS, PRACTICES, POLICIES, AND CODES OF THE OWNER WHICH INCLUDES, BUT IS NOT LIMITED TO, LABOR, MATERIALS, PROCEDURES, AND SAFETY.
 - THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE MOST RECENT SET OF APPROVED FINAL ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION.
 - NO HOLES ARE TO BE LEFT OPEN IN THE PAVEMENT OR PARKWAY OVER A HOLIDAY, WEEKEND, OR AFTER COMPLETION OF THE DAY'S ACTIVITIES ON THE DAY PRECEDING A HOLIDAY OR A WEEKEND.
 - ANY CHANGES, REVISIONS, OR SUBSTITUTIONS TO THE PLANS, SPECIFICATIONS, MATERIALS, REQUIREMENTS, OR WORK SHALL BE SUBMITTED TO THE OWNER, IN WRITING, WITH WRITTEN APPROVAL BY THE OWNER RECEIVED PRIOR TO BEGINNING SAID WORK. ALL MATERIALS AND CONSTRUCTION WHETHER IMPLICITLY OR EXPLICITLY STATED OR COVERED WITHIN THE REQUIREMENTS, CODES OR SPECIFICATIONS, SHALL BE APPROVED BY THE OWNER, PRIOR TO COMMENCING THE INSTALLATION AND CONSTRUCTION.
 - THE DESIGN OF PROPOSED SANITARY SEWERS AND THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES ARE SHOWN BASED ON INTERPRETATION OF INFORMATION RECEIVED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING WATERMAIN, SANITARY AND STORM SEWER, AND UTILITIES PRIOR TO INSTALLATION OF NEW SEWER.
 - NO EXTRA WORK OF ANY NATURE SHALL BE UNDERTAKEN WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER OR HIS REPRESENTATIVE.
 - THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES AND STORAGE OF EQUIPMENT OR MATERIALS TO THE DESIGNATED OR APPROVED WORK CONSTRUCTION LIMITS. ANY DAMAGE TO PRIVATE PROPERTY SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
 - PROPOSED EQUIPMENT, CONDUITS, ETC. ARE SHOWN DIAGRAMMATICALLY. THE CONTRACTOR SHALL COORDINATE EXACT EQUIPMENT SIZES, LOCATIONS, ROUTING, ETC. VERIFY ALL LOCATIONS / ROUTING WITH OWNER.
 - ANY AND ALL DEWATERING REQUIRED TO KEEP EXCAVATIONS DRY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SPOILS SHALL BE PROMPTLY REMOVED FROM SITE.
 - LIMITS OF CONSTRUCTION SHALL BE SUBJECT TO OWNER'S APPROVAL AND SHALL NOT IMPACT EXISTING ROADWAY PAVEMENT EXCEPT WHERE IMPROVEMENTS ARE SHOWN BY DRAWINGS. LIMITS OF CONSTRUCTION (OTHER THAN ACROSS ROADWAY PAVEMENT) SHALL BE FENCED OFF.

CONSTRUCTION MANAGEMENT REQUIREMENTS:

- DUMPSTERS AND PORTABLE TOILETS ARE REQUIRED. A PLAN MUST BE SUBMITTED WHICH INDICATES THE PROPOSED LOCATIONS OF THE DUMPSTER AND PORTABLE TOILET. ALL DUMPSTERS MUST BE COVERED AND ENCLOSED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE RESTORATION OF ALL OFF-SITE AREAS DISTURBED IN CONJUNCTION WITH THE PERMITTED CONSTRUCTION ACTIVITY.
- SIDEWALKS, PARKING LOTS, AND OTHER PUBLIC AND PRIVATE PROPERTY MUST BE KEPT SAFE AND FREE FROM MUD, DIRT, AND DEBRIS.

EROSION AND SEDIMENT CONTROL PLAN:

- ANY STORM WATER DRAINAGE STRUCTURES THAT HAVE THE POTENTIAL TO ACCEPT RUNOFF CONTAINING SUSPENDED SOIL PARTICLES FROM THE LIMITS OF CONSTRUCTION SHALL HAVE INLET FILTERS INSTALLED DIRECTLY ON OR UNDER THE GRATE OF THE DRAINAGE STRUCTURE.
- EXISTING PAVEMENT SURFACES SHALL BE INSPECTED DAILY FOR SOIL DEBRIS AND SHALL BE CLEANED WHEN NECESSARY OR AS DIRECTED BY OWNER.
- DISPOSAL OF DEBRIS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
- EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH ILLINOIS URBAN MANUAL, LATEST REVISION.
- CONTRACTOR SHALL INSPECT ALL SEDIMENTATION AND EROSION CONTROL MEASURES AT LEAST ONCE EVERY SEVEN (7) DAYS AND AFTER EACH 1/2" OR GREATER RAINFALL EVENT. CONTRACTOR SHALL CLEAN AND REPAIR ITEMS WITHIN 24 HOURS OF INSPECTION AS NECESSARY TO MAINTAIN EFFECTIVE SEDIMENTATION AND EROSION CONTROL MEASURES.

LEGEND:

EXISTING			
	BUILDINGS		FIRE HYDRANT
	RIGHT-OF-WAY		POWER POLE
	ROADWAY PLAN-PAVED		CATCH BASIN
	ROADWAY PLAN-UNPAVED		LIGHT POLE
	CENTERLINE		MANHOLE
	EASEMENT		INLET
	EDGE OF EXISTING PAVEMENT		MISCELLANEOUS POST
	FENCE		BIT
	TELEPHONE LINE		CONC
	GAS MAIN		BENCHMARK
	WATER MAIN		BORINGS
	ELECTRIC LINE		MONITORING WELL
	COMBINED SEWER		DECIDUOUS TREE
	SANITARY SEWER		STREET LIGHTS
	STORM SEWER		VALVE VAULT
	SUMMIT		VALVE BOX - VB
	DIRECTION OF DRAINAGE		
	TREELINE		
	TRAFFIC SIGNAL		
	STREET CENTERLINE		
	VAULT (Electric Utilities)		
	TELEPHONE POLE		
	SIGN (S)		
PROPOSED			
	CONSTRUCTION LIMITS		LINE STOP
	FENCE		MANHOLE
	SILT FENCE		VALVE VAULT
	FORCE MAIN		VALVE BOX - VB
	COMBINED SEWER		TREE REMOVAL
	SANITARY SEWER		INLET FILTER
	STORM SEWER		TREE PROTECTION
	WATER MAIN		

DATE PLOTTED = 2/16/2024 3:05:30 PM
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 PLOT CONFIG =
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USER NAME = WaterResources	DESIGNED -	REVISED -
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	2
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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 MOUNT PROSPECT 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 MOUNT PROSPECT 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).
- 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.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- 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	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350	ASTM D-3261,F-2620 (HEAT FUSION)
	ASTM D-3035	ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

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

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-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 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- 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 ("SEWER-TAP" MACHINE OR SIMILAR) 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 "BAND SEAL" OR SIMILAR 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 WATERMANS 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 CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS 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.

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VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
MWRD GENERAL NOTES**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	3
			CONTRACT NO21782.01	
ILLINOIS FED. AID PROJECT				

SP	CODE NO.	ITEM	UNIT	TOTAL
	20101100	TREE TRUNK PROTECTION	EACH	31
	20101700	SUPPLEMENTAL WATERING	UNIT	13
	20800150	TRENCH BACKFILL	CU YD	8,084
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	431
	25200110	SODDING, SALT TOLERANT	SQ YD	431
	28000510	INLET FILTERS	EACH	17
	35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	1,949
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	796
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	436
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	197
	44000100	PAVEMENT REMOVAL	SQ YD	1,949
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	219
	44000600	SIDEWALK REMOVAL	SQ FT	21
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	543
	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	245
	67100100	MOBILIZATION	L SUM	1
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	172
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	7,194
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	400
	70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	96

SP	CODE NO.	ITEM	UNIT	TOTAL
	70600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	72
	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	24
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	14
	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	271
	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,104
	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	326
	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	102
	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	340
	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	66
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	64
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,751
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
*	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	22
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*	Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	1,935
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52
*	Z0057100	SANITARY SEWER 12"	FOOT	2,059
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4

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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
SUMMARY OF QUANTITIES**

SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA. - TO STA. -	ILLINOIS FED. AID PROJECT
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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
COOK	COOK	47	4

SP	CODE NO.	ITEM	UNIT	TOTAL
*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	2
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	XX003424	CONNECTION TO EXISTING STRUCTURE	EACH	1
*	XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1
*	XX005696	SEWER CONNECTIONS TO STRUCTURES	EACH	2
*	XX009049	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)	FOOT	1,742
*	XX104100	CONNECTION TO EXISTING MANHOLE	EACH	1
*	MP01	PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SQ FT	22
*	MP02	LIFT STATION DEMOLITION	L SUM	1

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VILLAGE OF MOUNT PROSPECT

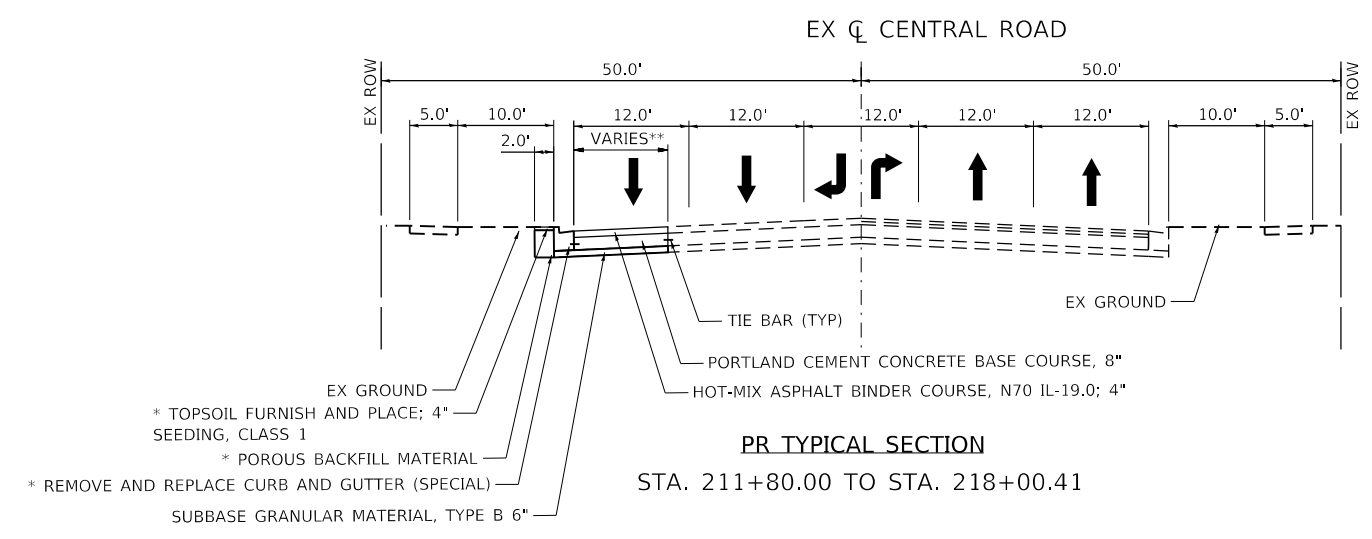
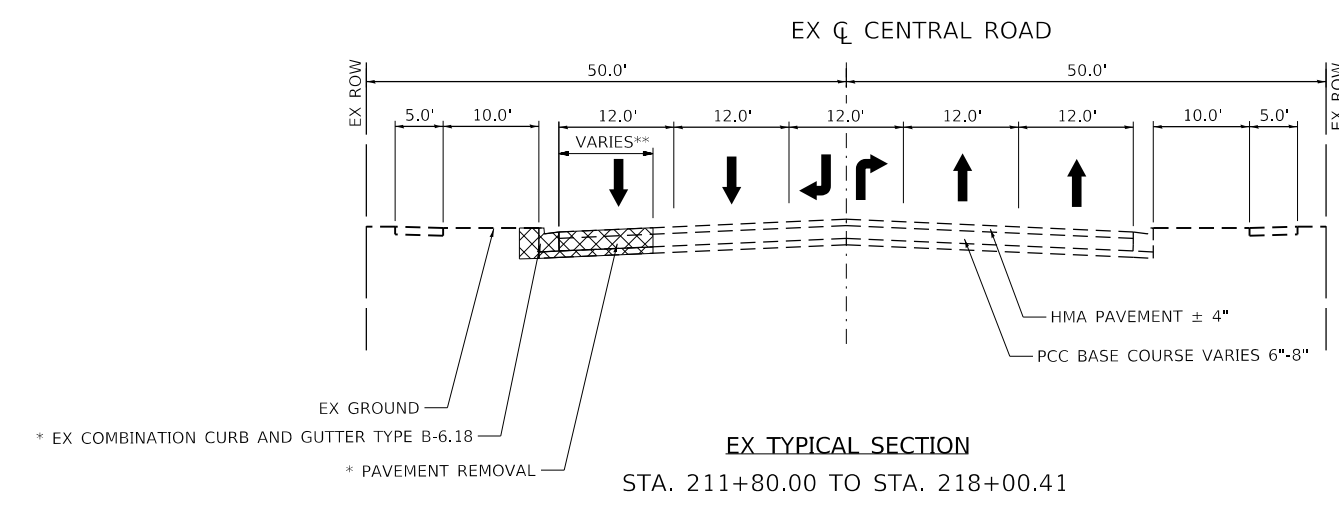
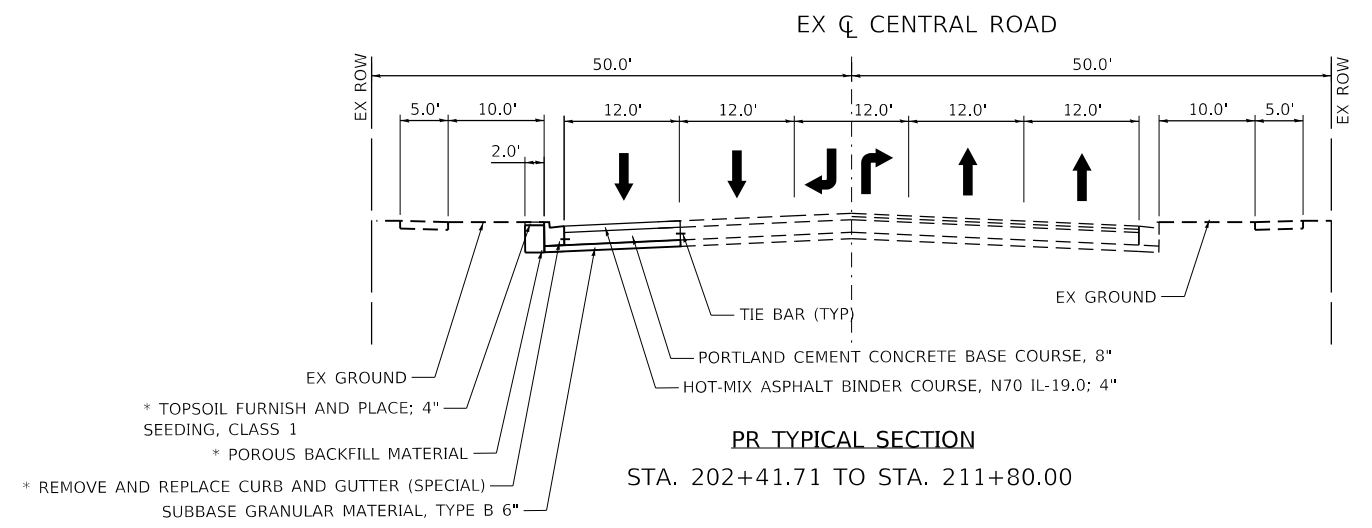
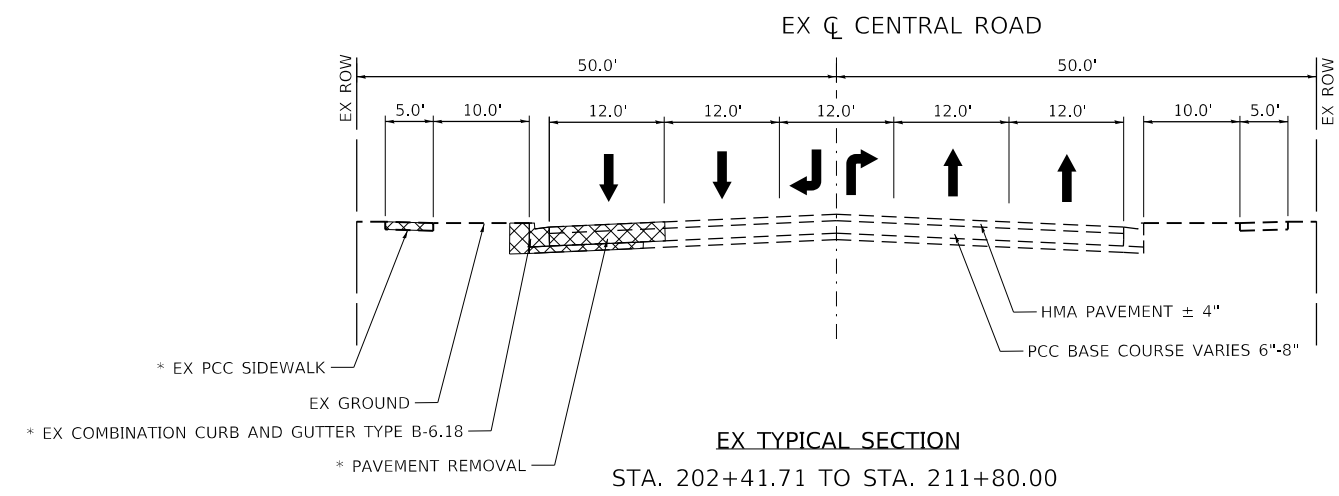
**FAIRVIEW GRAVITY SEWER
SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. - TO STA. -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	5

ILLINOIS FED. AID PROJECT

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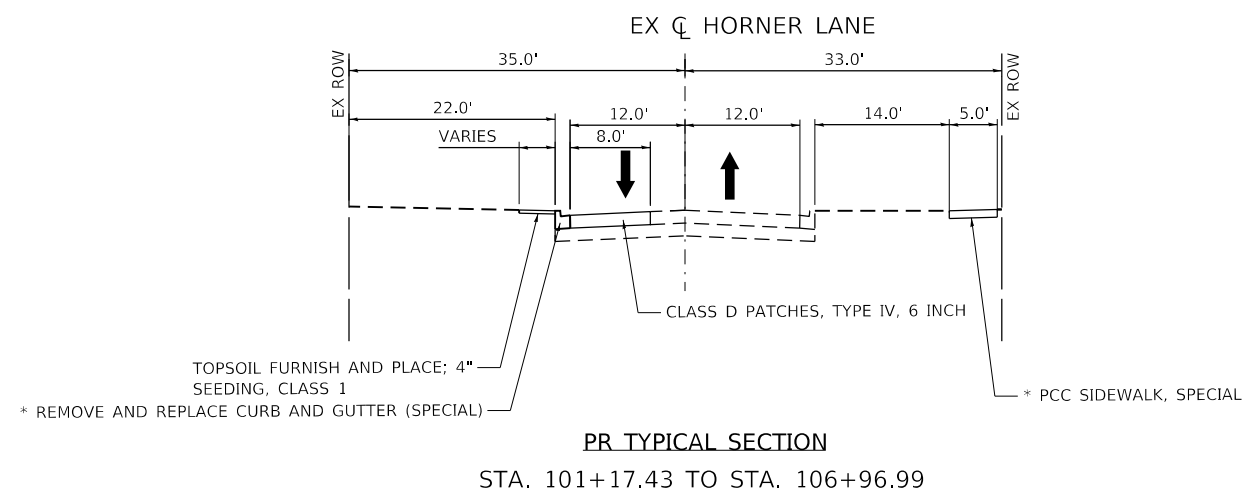
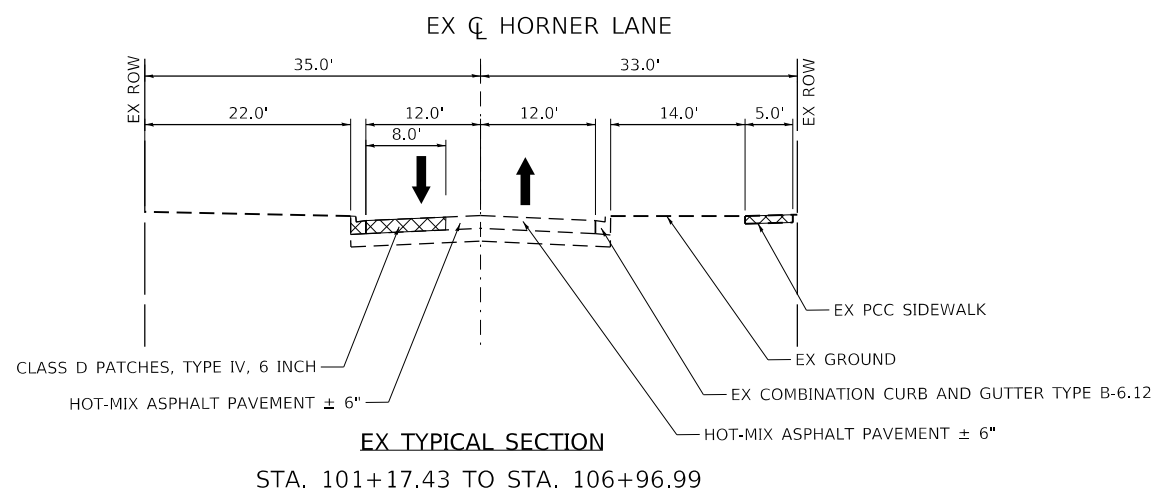


REMOVAL

* AT LOCATIONS AS SHOWN ON THE PLANS OR APPROVED BY THE ENGINEER
 ** SEE PLANS FOR DIMENSIONS

MIXTURE TYPE	PERCENT AIR VOIDS
PAVEMENT RESTORATION	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 4"	4% @ 70 GYR.
CLASS D PATCHES, TYPE IV, 6"	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 4"	4% @ 70 GYR.

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/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 SPECIAL PROVISIONS.



REMOVAL

* AT LOCATIONS AS SHOWN ON THE PLANS OR APPROVED BY THE ENGINEER
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VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
TYPICAL SECTIONS

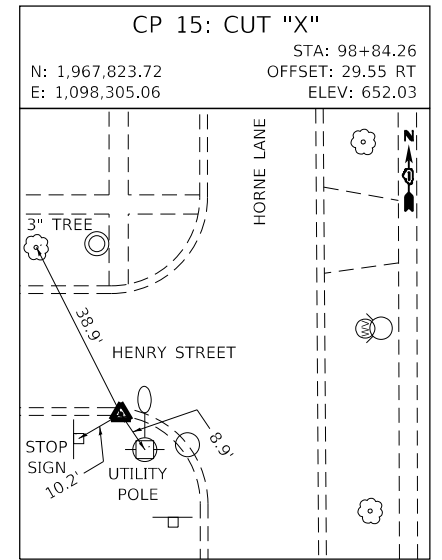
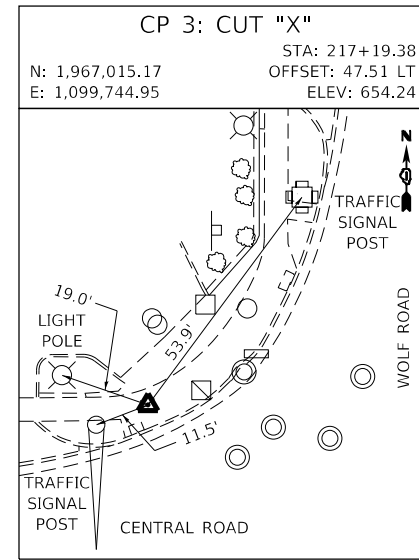
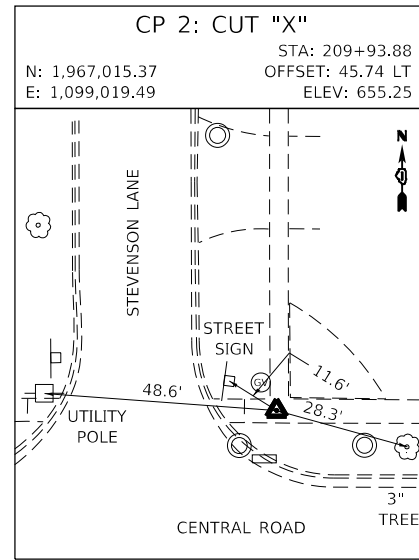
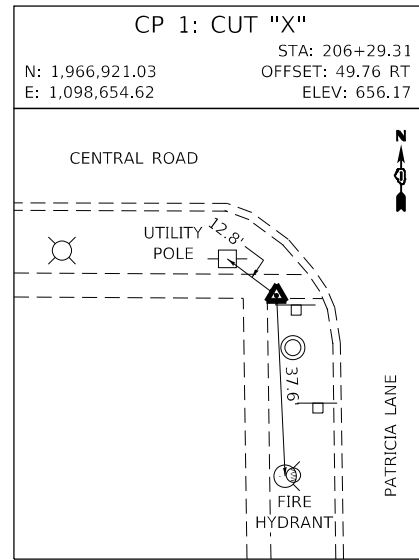
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	7
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

PROJECT COORDINATES			
CENTRAL ROAD - EXISTING ALIGNMENT			
DESCRIPTION	STATION	NORTHING	EASTING
P.O.T.	195+00.00	1,966,973.03	1,097,525.47
P.I.	203+99.45	1,966,971.51	1,098,424.92
P.I.	213+99.41	1,966,968.35	1,099,424.87
P.O.T.	226+67.23	1,966,965.60	1,100,692.69

PROJECT COORDINATES			
HORNER LANE - EXISTING ALIGNMENT			
DESCRIPTION	STATION	NORTHING	EASTING
P.O.T.	98+00.00	1,967,908.11	1,098,334.23
P.I.	103+38.42	1,967,369.69	1,098,336.63
P.I.	105+90.40	1,967,117.72	1,098,337.67
P.I.	106+75.90	1,967,032.22	1,098,338.11
P.O.T.	107+36.46	1,966,971.66	1,098,338.01

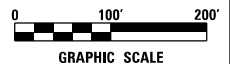
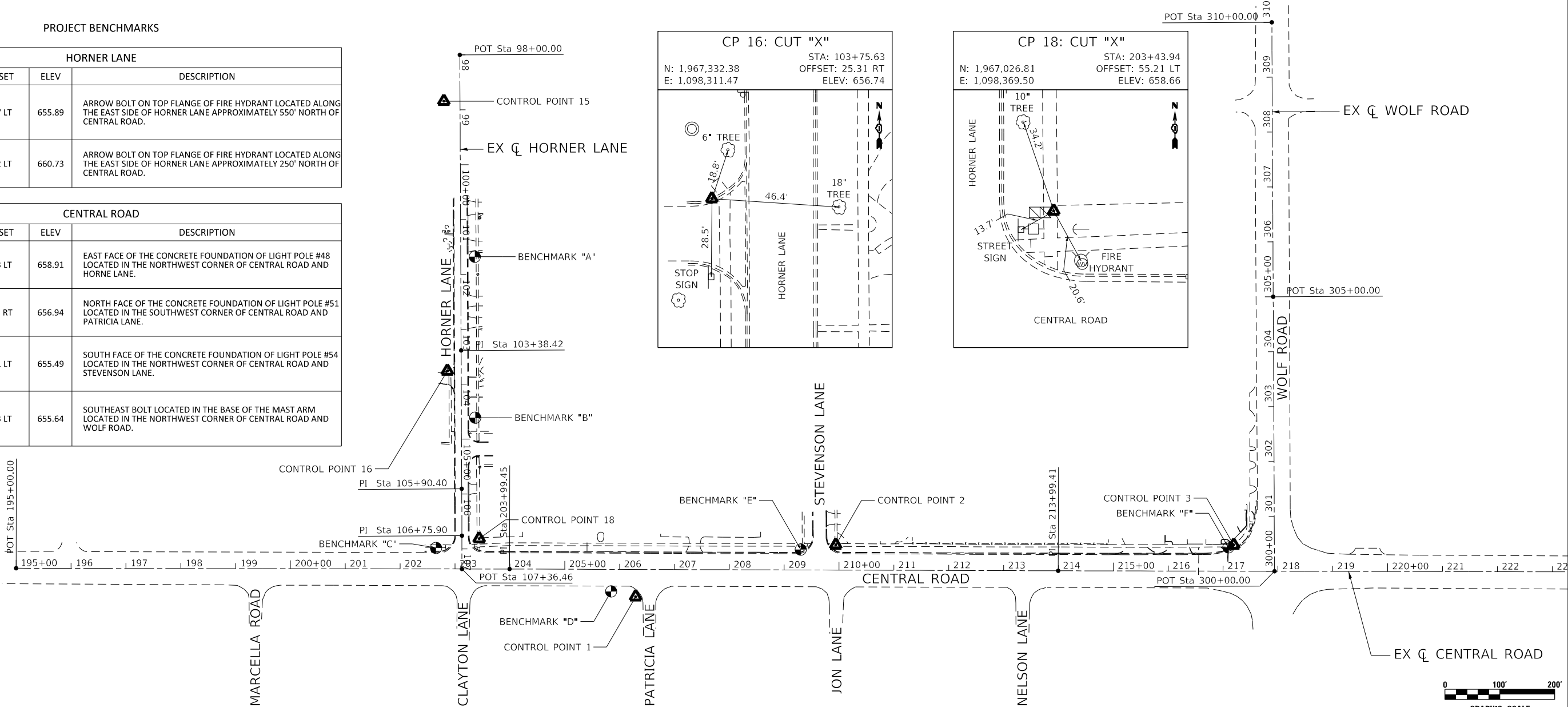
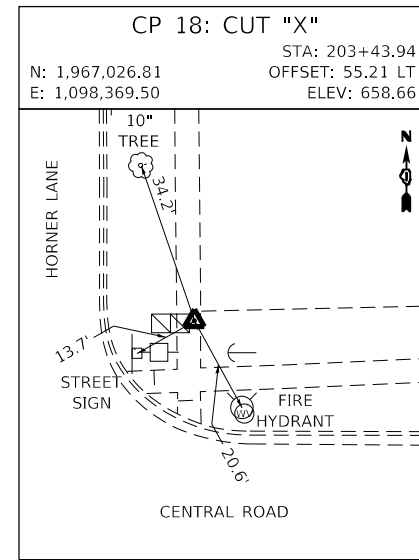
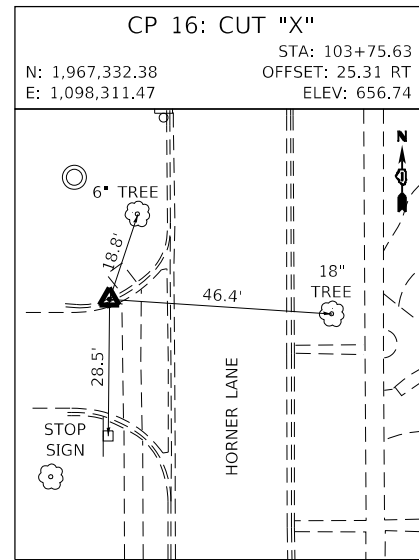
PROJECT COORDINATES			
WOLF ROAD - EXISTING ALIGNMENT			
DESCRIPTION	STATION	NORTHING	EASTING
P.O.T.	300+00.00	1,966,967.50	1,099,819.32
P.O.T.	305+00.00	1,967,467.49	1,099,816.84
P.O.T.	310+00.00	1,967,967.48	1,099,814.37



PROJECT BENCHMARKS

HORNER LANE				
PT #	STATION	OFFSET	ELEV	DESCRIPTION
BM "A"	101+67.83	25.7 LT	655.89	ARROW BOLT ON TOP FLANGE OF FIRE HYDRANT LOCATED ALONG THE EAST SIDE OF HORNER LANE APPROXIMATELY 550' NORTH OF CENTRAL ROAD.
BM "B"	104+60.98	25.2 LT	660.73	ARROW BOLT ON TOP FLANGE OF FIRE HYDRANT LOCATED ALONG THE EAST SIDE OF HORNER LANE APPROXIMATELY 250' NORTH OF CENTRAL ROAD.

CENTRAL ROAD				
PT #	STATION	OFFSET	ELEV	DESCRIPTION
BM "C"	202+65.26	38.3 LT	658.91	EAST FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #48 LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND HORNE LANE.
BM "D"	205+84.63	40.2 RT	656.94	NORTH FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #51 LOCATED IN THE SOUTHWEST CORNER OF CENTRAL ROAD AND PATRICIA LANE.
BM "E"	209+30.08	37.1 LT	655.49	SOUTH FACE OF THE CONCRETE FOUNDATION OF LIGHT POLE #54 LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND STEVENSON LANE.
BM "F"	217+09.50	43.3 LT	655.64	SOUTHEAST BOLT LOCATED IN THE BASE OF THE MAST ARM LOCATED IN THE NORTHWEST CORNER OF CENTRAL ROAD AND WOLF ROAD.



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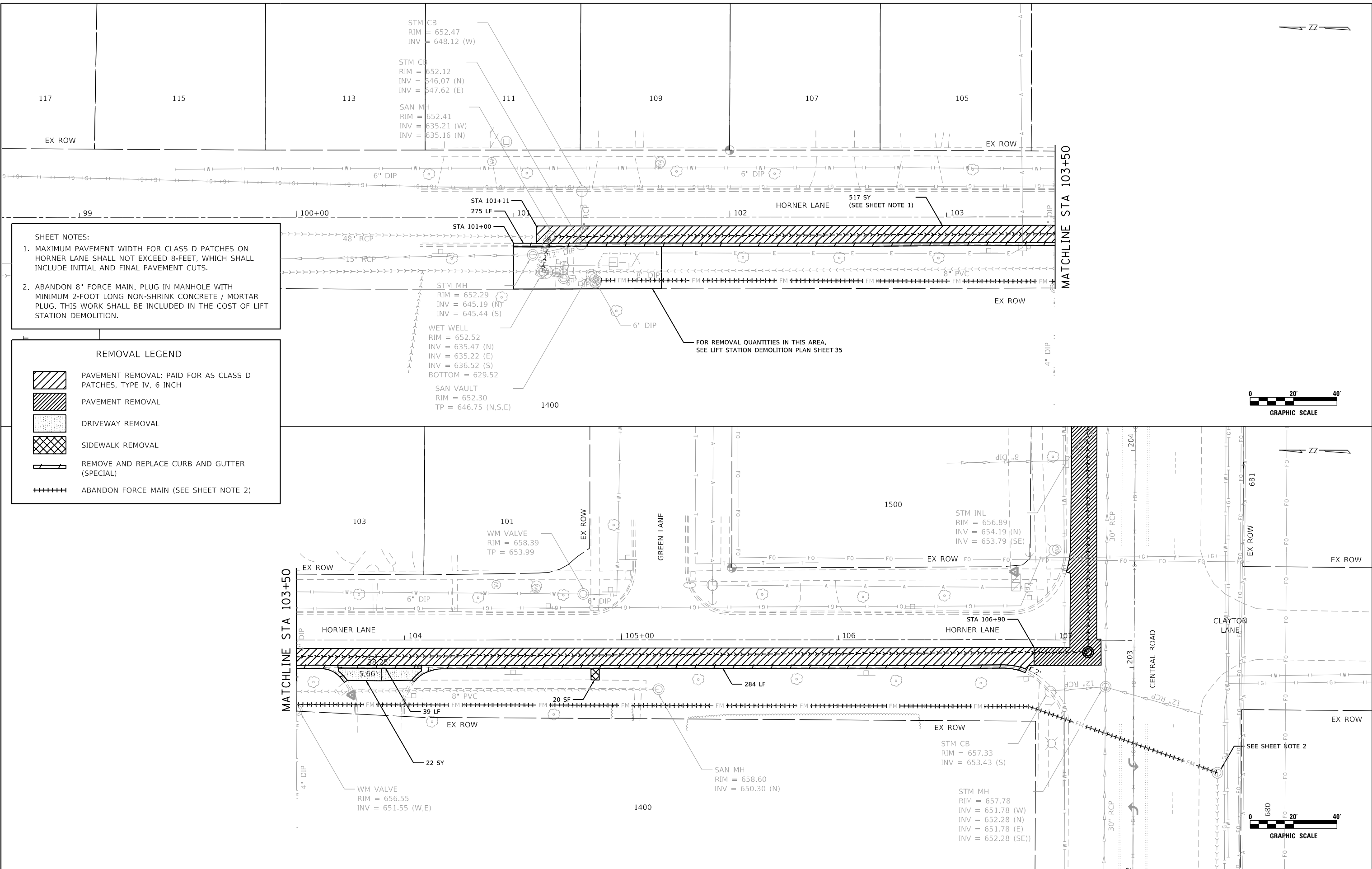
VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER ALIGNMENT, TIES, AND BENCHMARKS

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	8
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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SHEET NOTES:

- MAXIMUM PAVEMENT WIDTH FOR CLASS D PATCHES ON HORNER LANE SHALL NOT EXCEED 8-FEET, WHICH SHALL INCLUDE INITIAL AND FINAL PAVEMENT CUTS.
- ABANDON 8" FORCE MAIN. PLUG IN MANHOLE WITH MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE / MORTAR PLUG. THIS WORK SHALL BE INCLUDED IN THE COST OF LIFT STATION DEMOLITION.

REMOVAL LEGEND

	PAVEMENT REMOVAL: PAID FOR AS CLASS D PATCHES, TYPE IV, 6 INCH
	PAVEMENT REMOVAL
	DRIVEWAY REMOVAL
	SIDEWALK REMOVAL
	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
	ABANDON FORCE MAIN (SEE SHEET NOTE 2)



USER NAME = WaterResources	DESIGNED - LAM	REVISED -
PLOT SCALE =	DRAWN - CLG	REVISED -
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VILLAGE OF MOUNT PROSPECT

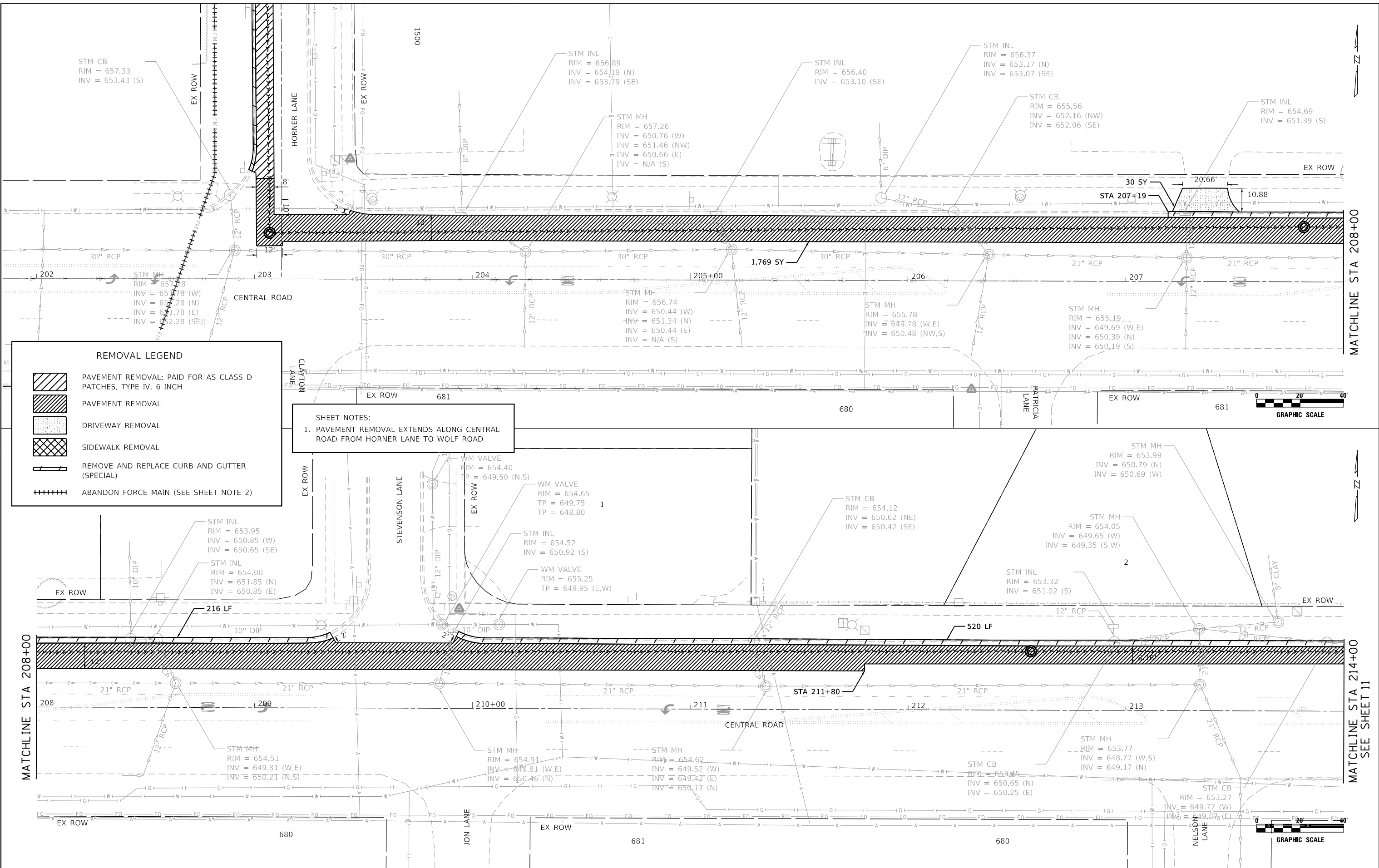
**FAIRVIEW GRAVITY SEWER
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. - TO STA. -

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	9

ILLINOIS FED. AID PROJECT

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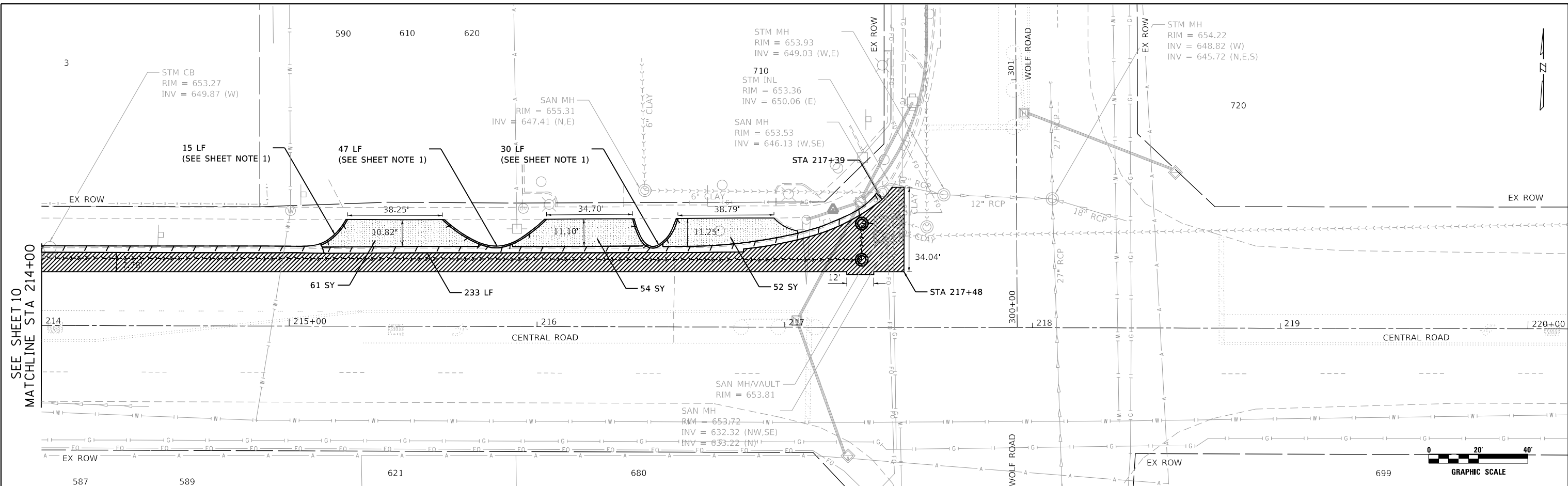
VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. - TO STA. 214+00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	10

ILLINOIS FED. AID PROJECT



REMOVAL LEGEND

	PAVEMENT REMOVAL: PAID FOR AS CLASS D PATCHES, TYPE IV, 6 INCH
	PAVEMENT REMOVAL
	DRIVEWAY REMOVAL
	SIDEWALK REMOVAL
	REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
	ABANDON FORCE MAIN (SEE SHEET NOTE 2)

SHEET NOTES:

- REMOVE AND REPLACE CURB IN THIS LOCATION AND PAY FOR AS REMOVE AND REPLACE CURB AND GUTTER (SPECIAL).

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VILLAGE OF MOUNT PROSPECT

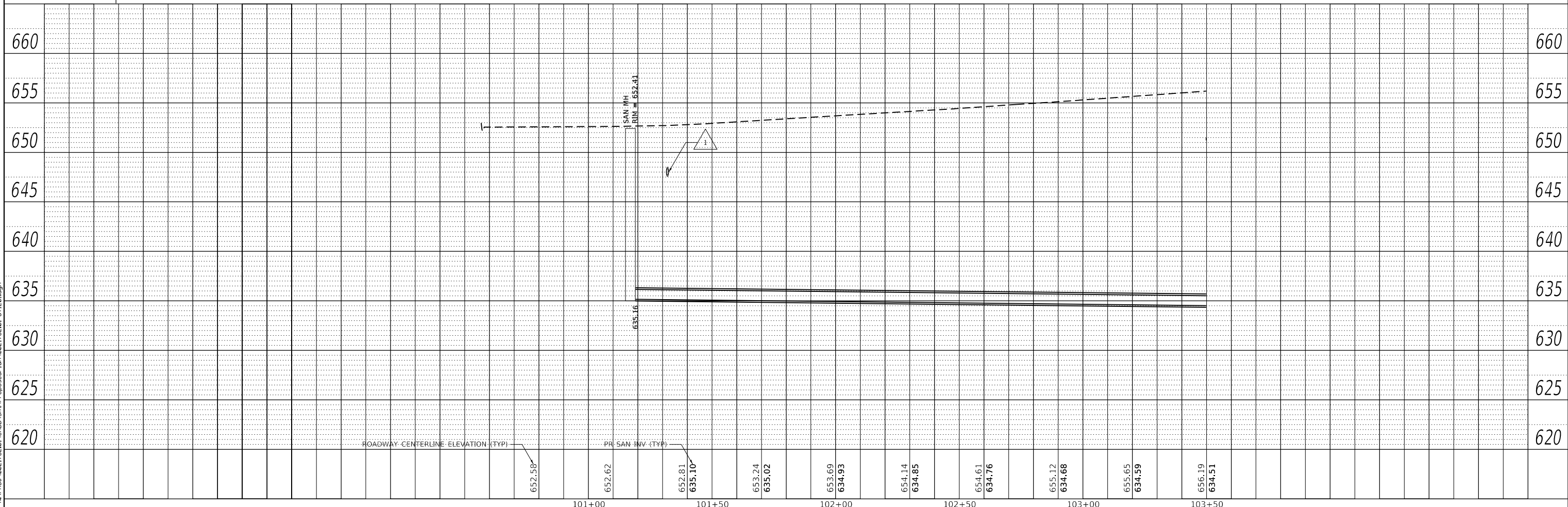
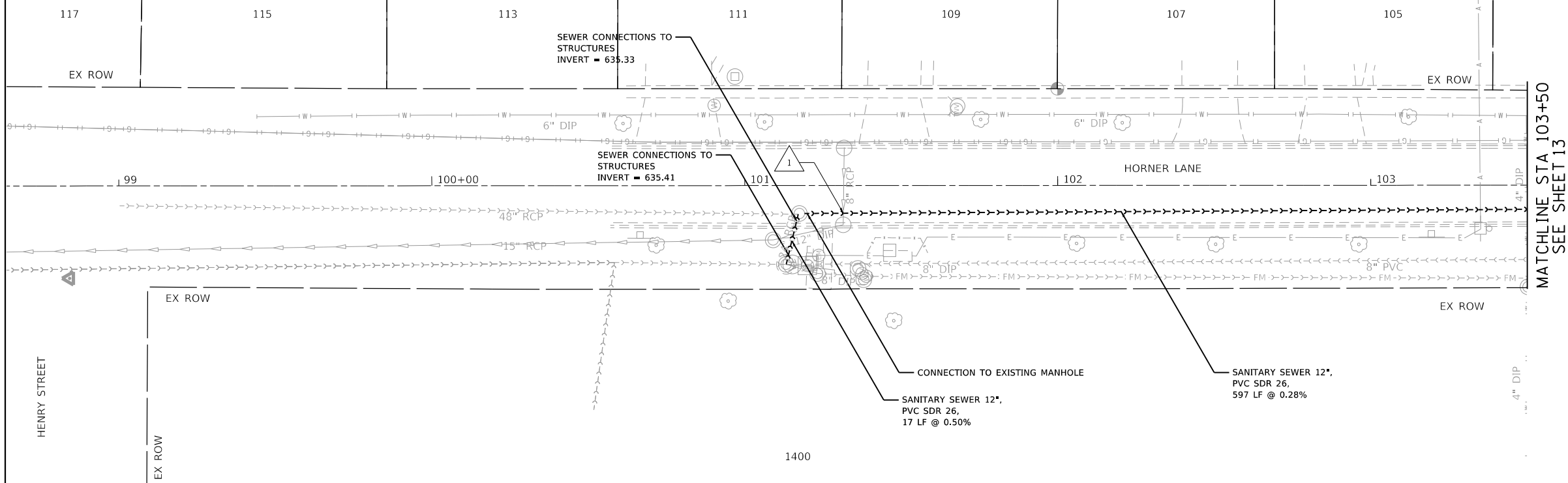
**FAIRVIEW GRAVITY SEWER
EXISTING CONDITIONS AND REMOVAL PLAN**

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 214+00 TO STA. -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	11

ILLINOIS FED. AID PROJECT

CROSSED UTILITY					PROPOSED SANITARY SEWER		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
1	101+32	EXISTING STORM SEWER	8	647.56, BP	12	636.29, TP	11.27



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VILLAGE OF MOUNT PROSPECT

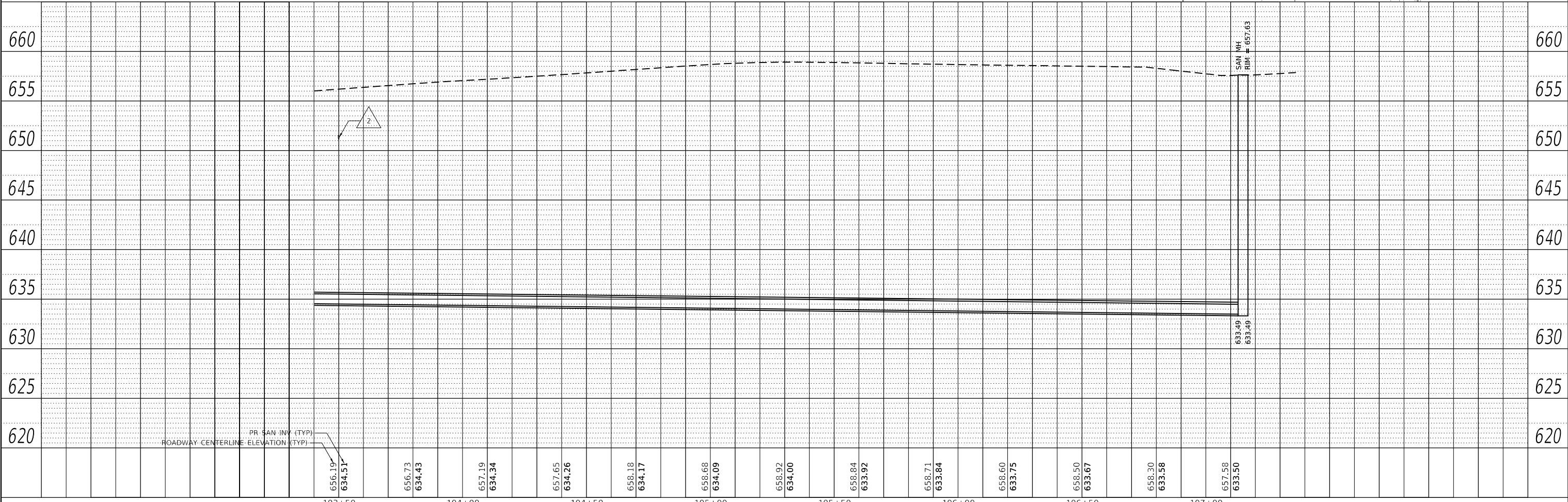
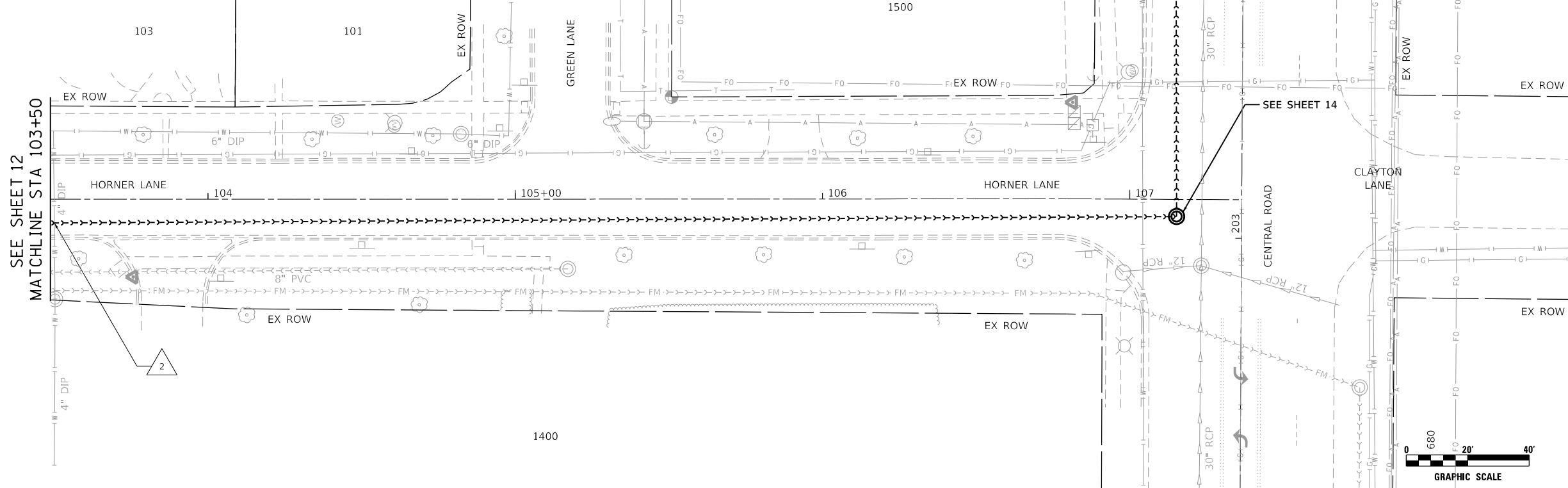
**FAIRVIEW GRAVITY SEWER
PROPOSED SANITARY SEWER PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 1 OF 5 SHEETS STA. - TO STA. 103+50

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	12

ILLINOIS FED. AID PROJECT

CROSSED UTILITY					PROPOSED SANITARY SEWER		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
2	103+50	EXISTING WATER MAIN	4	651.13, BP	12	635.69, TP	15.44



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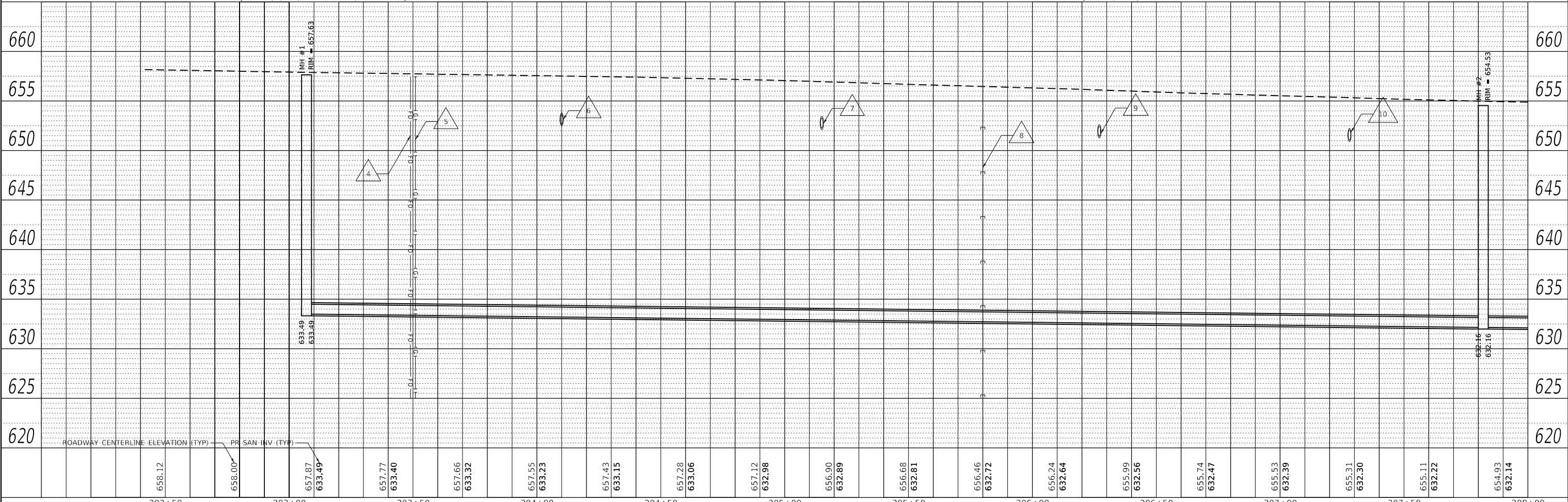
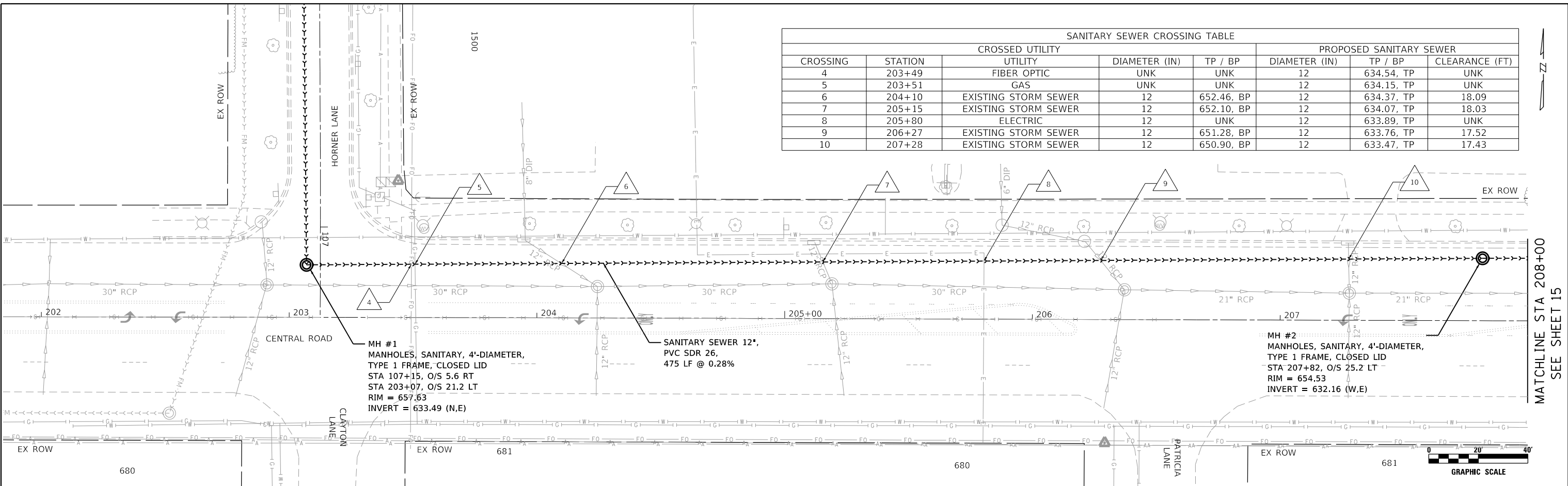
VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
PROPOSED SANITARY SEWER PLAN AND PROFILE**

SCALE: 1" = 20'	SHEET NO. 2 OF 5 SHEETS	STA. 103+50 TO STA. -	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					COOK	47	13

ILLINOIS FED. AID PROJECT

CROSSED UTILITY					PROPOSED SANITARY SEWER		
CROSSING	STATION	UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
4	203+49	FIBER OPTIC	UNK	UNK	12	634.54, TP	UNK
5	203+51	GAS	UNK	UNK	12	634.15, TP	UNK
6	204+10	EXISTING STORM SEWER	12	652.46, BP	12	634.37, TP	18.09
7	205+15	EXISTING STORM SEWER	12	652.10, BP	12	634.07, TP	18.03
8	205+80	ELECTRIC	12	UNK	12	633.89, TP	UNK
9	206+27	EXISTING STORM SEWER	12	651.28, BP	12	633.76, TP	17.52
10	207+28	EXISTING STORM SEWER	12	650.90, BP	12	633.47, TP	17.43



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STATION	ROADWAY CENTERLINE ELEVATION (TYP)	PR SAN INV (TYP)	DESIGNED	REVISIONS	SCALE	SHEET NO.	TOTAL SHEETS	COUNTY	SHEET NO.
202+50	658.12	658.00	LAM	-	1" = 20'	3	5	COOK	14
203+00	657.87	633.49	CLG	-					
203+50	657.77	633.40	LAM	-					
204+00	657.66	633.32	LAM	-					
204+50	657.55	633.23	LAM	-					
205+00	657.43	633.15	LAM	-					
205+50	657.28	633.06	LAM	-					
206+00	656.90	632.89	LAM	-					
206+50	656.68	632.81	LAM	-					
207+00	656.46	632.72	LAM	-					
207+50	656.24	632.64	LAM	-					
208+00	655.99	632.56	LAM	-					
	655.74	632.47	LAM	-					
	655.53	632.39	LAM	-					
	655.31	632.30	LAM	-					
	655.11	632.22	LAM	-					
	654.93	632.14	LAM	-					



USER NAME = WaterResources	DESIGNED - LAM	REVISIONS -
PLOT SCALE =	DRAWN - CLG	REVISIONS -
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VILLAGE OF MOUNT PROSPECT

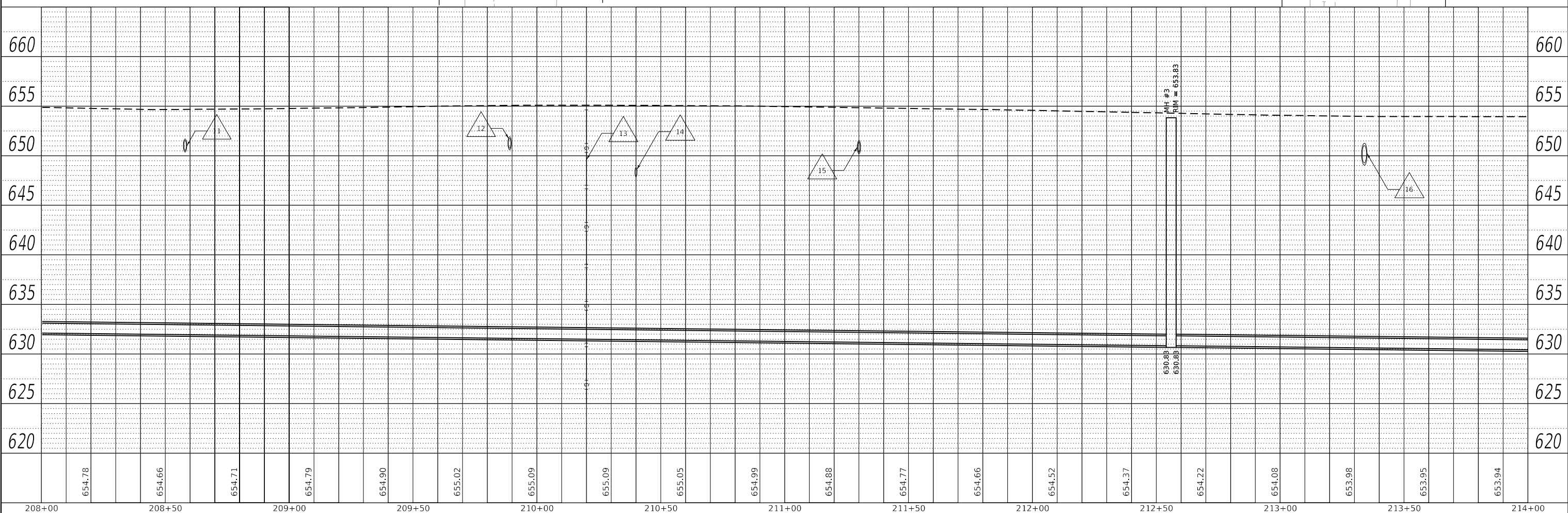
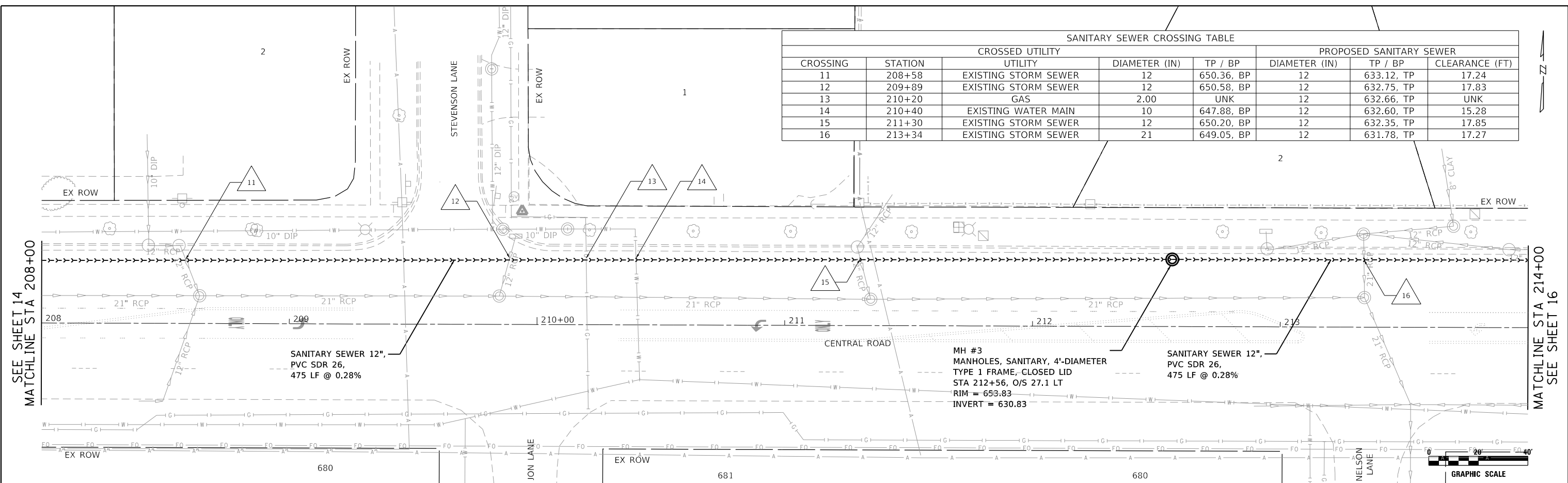
**FAIRVIEW GRAVITY SEWER
PROPOSED SANITARY SEWER PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. - TO STA. 208+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	14

ILLINOIS FED. AID PROJECT

CROSSING	STATION	CROSSED UTILITY			PROPOSED SANITARY SEWER		
		UTILITY	DIAMETER (IN)	TP / BP	DIAMETER (IN)	TP / BP	CLEARANCE (FT)
11	208+58	EXISTING STORM SEWER	12	650.36, BP	12	633.12, TP	17.24
12	209+89	EXISTING STORM SEWER	12	650.58, BP	12	632.75, TP	17.83
13	210+20	GAS	2.00	UNK	12	632.66, TP	UNK
14	210+40	EXISTING WATER MAIN	10	647.88, BP	12	632.60, TP	15.28
15	211+30	EXISTING STORM SEWER	12	650.20, BP	12	632.35, TP	17.85
16	213+34	EXISTING STORM SEWER	21	649.05, BP	12	631.78, TP	17.27



208+00	654.78	208+50	654.66	209+00	654.71	209+50	654.79	210+00	655.02	210+50	655.09	211+00	655.09	211+50	655.05	212+00	654.99	212+50	654.88	213+00	654.77	213+50	654.66	214+00	654.52
654.37	654.22	654.08	653.98	653.95	653.94																				

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 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
 P 773.775.4009 | www.ciorba.com

USER NAME = WaterResources	DESIGNED - LAM	REVISED -
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VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
 PROPOSED SANITARY SEWER PLAN AND PROFILE**

SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 208+00 TO STA. 214+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	15

ILLINOIS FED. AID PROJECT

STAGING AND TRAFFIC CONTROL GENERAL NOTES

1. STAGING SHALL BE DONE AS SHOWN IN THE PLANS TO MAINTAIN TRAFFIC THROUGHOUT THE AREA.
2. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR EMERGENCY ACCESS TO ALL STREETS WITHIN THE WORK ZONE. COST WILL BE INCLUDED IN THE TRAFFIC CONTROL ITEMS.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 7 CALENDAR DAYS IN ADVANCE OF TRAFFIC CONTROL SWITCHES. THE CONTRACTOR SHALL ALSO CONFIRM WITH THE ENGINEER 24 HOURS IN ADVANCE.
4. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
5. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL ENTRANCES THAT ARE TO REMAIN OPEN WITHIN THE WORK ZONE AS REQUIRED PER THE AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS (D1) SPECIAL PROVISION.
6. THE CONTRACTOR SHALL CONSTRUCT THE PAVEMENT SO THE ENTRANCES CAN MAINTAIN ACCESS AT ALL TIMES DURING CONSTRUCTION. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. PAVEMENT, CURB, SIDEWALK, AND DRIVEWAY PAVEMENTS MUST BE COMPLETELY REMOVED FROM THE SITE AT THE END OF EACH WORK DAY. NO REMOVAL ITEMS MAY BE STORED ON SITE.
8. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE PER IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN 12 AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8' OF THE EDGE OF TRAVEL LANE SHALL BE BACKFILLED IN ACCORDANCE WITH TABLE 2 CONDITION II OF THE SAFETY 4-21 POLICY.

STAGING AND TRAFFIC CONTROL GENERAL SEQUENCE OF CONSTRUCTION

CENTRAL ROAD-

CONSTRUCTION

1. INSTALL TRAFFIC CONTROL MEASURES AS SHOWN ON THE TRAFFIC CONTROL PLANS.
2. MAKE CONNECTION TO EXISTING SANITARY STRUCTURE.
3. INSTALL PIPE AND STRUCTURES
4. PLACE PCC BASE COURSE AND HMA BINDER COURSE.
5. REPLACE CURB AND GUTTER AND REPLACE DRIVEWAYS.
6. COMPLETE RESTORATION AND PAVEMENT MARKINGS.

TRAFFIC CONTROL

1. CLOSE OUTSIDE WESTBOUND LANE AS SHOWN ON THE TRAFFIC CONTROL PLANS.
2. INSTALL TEMPORARY CONCRETE BARRIER AND ATTENUATOR AS SHOWN ON THE TRAFFIC CONTROL PLANS.
3. SHIFT WESTBOUND TRAFFIC AS SHOWN IN THE TRAFFIC CONTROL PLANS AND PER HIGHWAY STANDARD 701602.

HORNER LANE-

CONSTRUCTION

1. INSTALL TRAFFIC CONTROL MEASURES AS SHOWN ON THE TRAFFIC CONTROL PLANS.
2. INSTALL PIPE AND STRUCTURES.
3. MAKE CONNECTION TO EXISTING SANITARY STRUCTURE.
4. PATCH PAVEMENT.
5. REPLACE CURB AND GUTTER.
6. COMPLETE RESTORATION.

TRAFFIC CONTROL

1. TRAFFIC SHALL BE CONTROLLED WITH THE PLACEMENT OF TYPE III BARRICADES WITHIN THE LIMITS OF THE WORK INCLUDING "ROAD CLOSED TO THROUGH TRAFFIC" SIGNAGE. TYPE III TRAFFIC SIGNAGE SHALL BE REMOVED AT THE END OF EACH WORKING DAY. LOCAL TRAFFIC THROUGH THE WORK ZONE SHALL BE MAINTAINED USING FLAGGERS DURING WORKING HOURS. THE CONTRACTOR SHALL COORDINATE WORK SO THAT THE ROADWAY CAN BE OPENED TO THE TWO-WAY TRAFFIC AT THE END OF EACH DAY. AT A MINIMUM THE CONTRACTOR SHALL PROVIDE AN AGGREGATE SURFACE AS SHOWN IN THE TRENCH SECTION DETAIL.

WOLF ROAD-

TRAFFIC CONTROL

1. CLOSE OUTSIDE SOUTHBOUND LANE AS SHOWN ON THE TRAFFIC CONTROL PLANS AND PER HIGHWAY STANDARD 701606.

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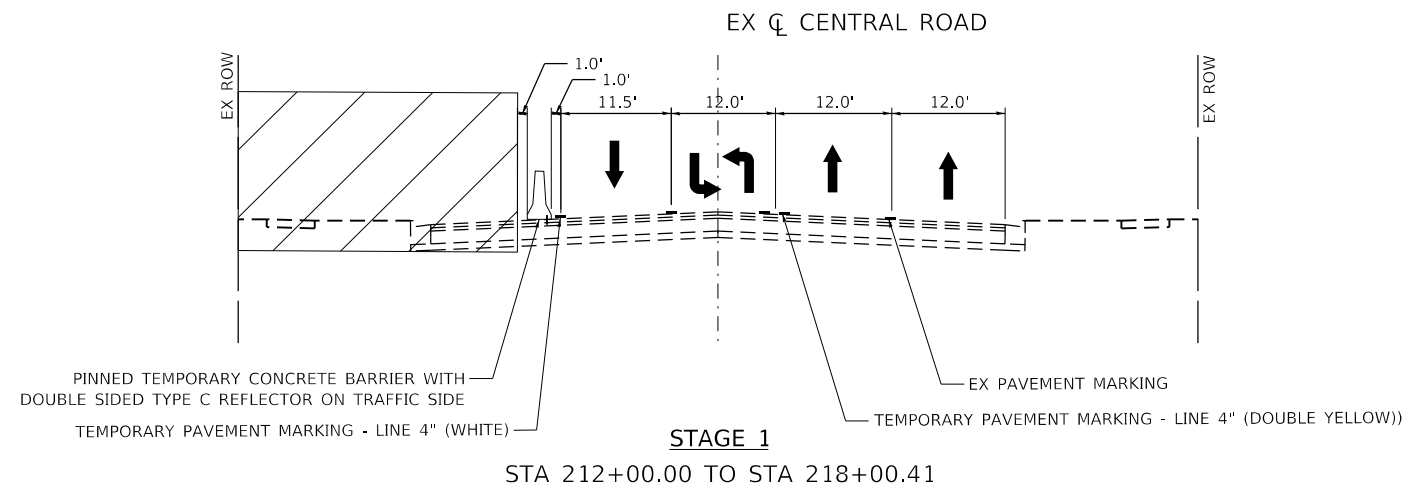
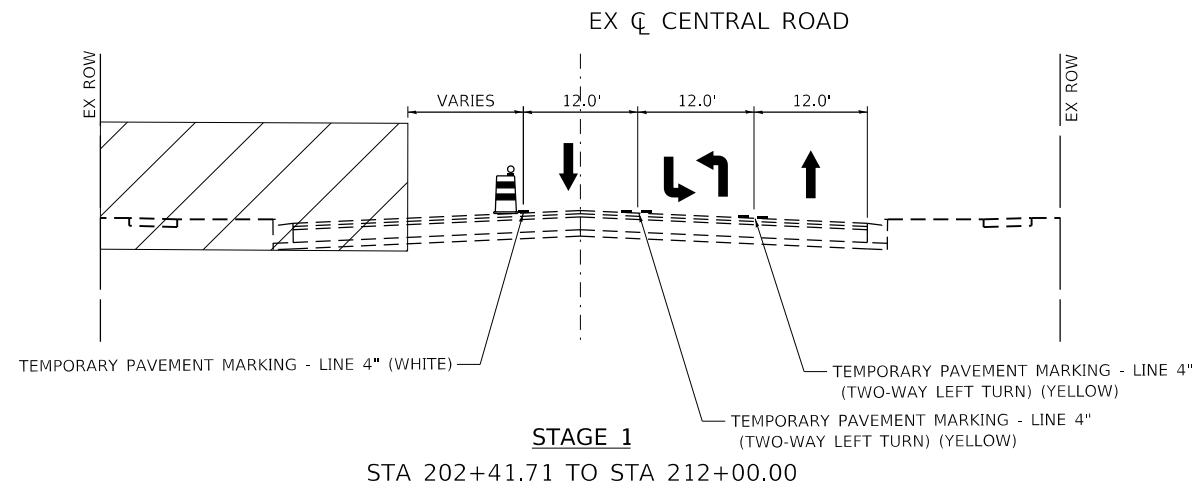


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VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC GENERAL NOTES**

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	17
CONTRACT NO21782.01				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
				ILLINOIS FED. AID PROJECT



 WORK ZONE




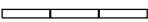

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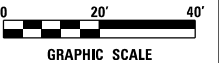
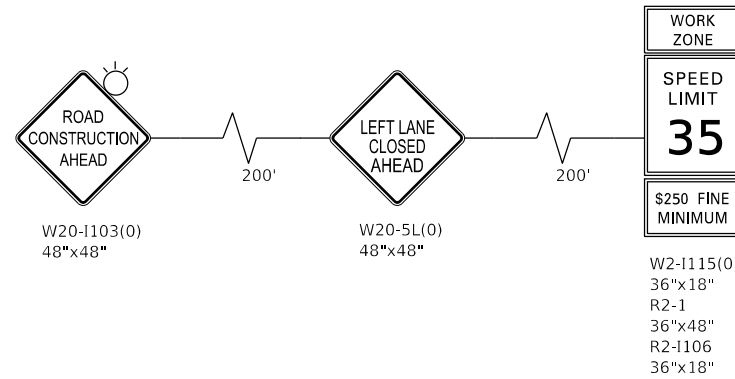
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	18
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
-  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
 -  TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
 -  WORK ZONE



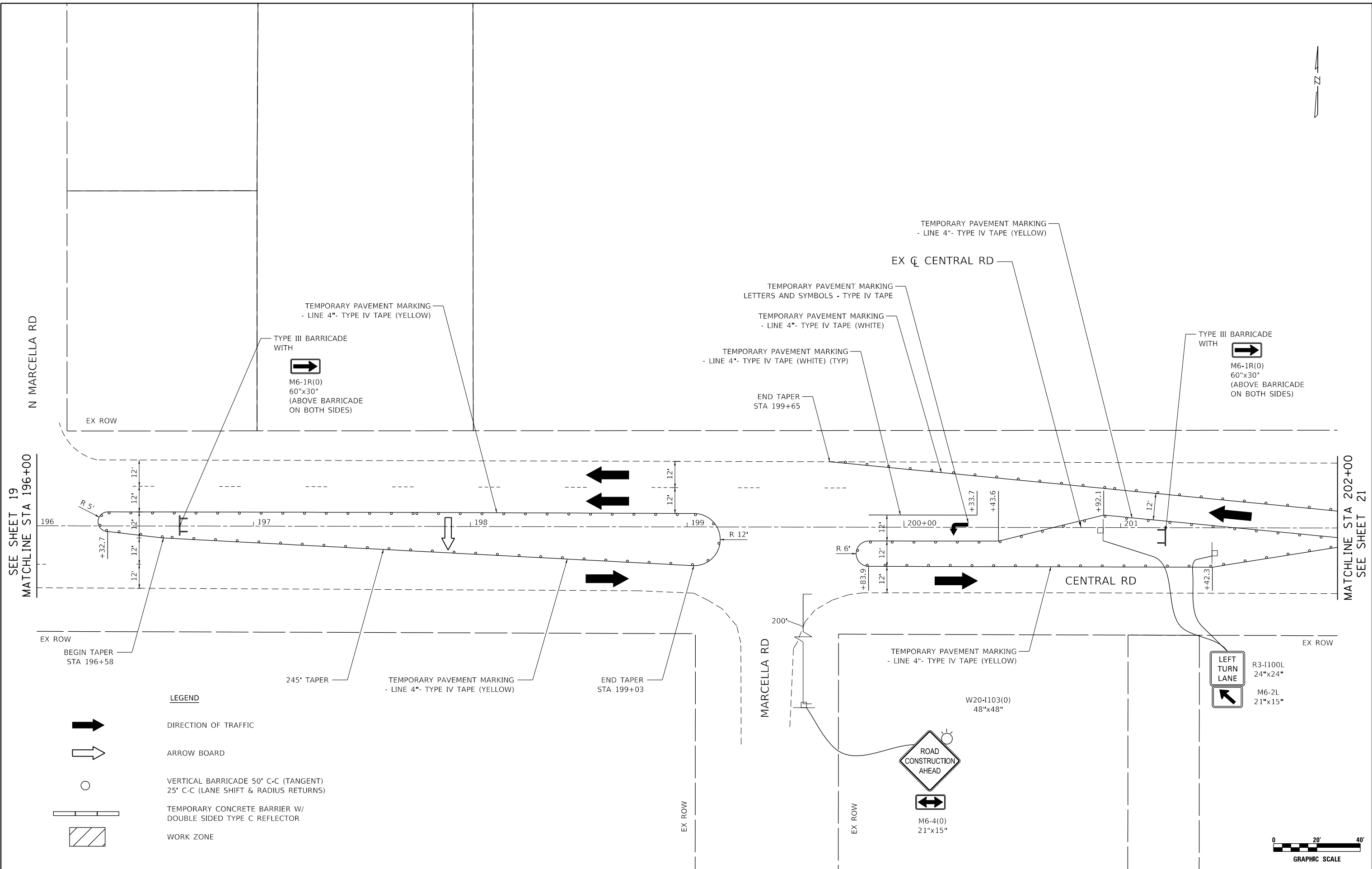
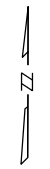
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VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 8 SHEETS STA. 195+00 TO STA. 196+00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	19
CONTRACT NO21782.01			ILLINOIS FED. AID PROJECT	



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DRAWN - AS	REVISOR -	
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISOR -

VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 8 SHEETS STA. 196+00 TO STA. 202+00

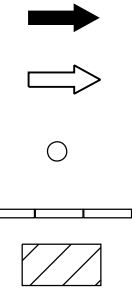
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		COOK	47	20
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



W20-1103(0)
48"x48"
STA 99+50



W20-1103(0)
48"x48"
M6-4(0)
21"x15"



LEGEND
DIRECTION OF TRAFFIC
ARROW BOARD
VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
WORK ZONE



CONTRACTOR TO GAP CONSTRUCTION
AND PATE OPEN HOLES TO MAINTAIN
ACCESS AT ALL TIMES, TO BE
INCLUDED IN THE COST OF TRAFFIC
CONTROL AND PROTECTION, (SPECIAL).

TEMPORARY PAVEMENT MARKING
- LINE 4"- TYPE IV TAPE (WHITE) (TYP)

EX ϕ CENTRAL RD

EX ϕ HORNER LN

HORNER LN

CLAYTON LN

PATRICIA LN

CENTRAL RD



W20-1103(0)
48"x48"
M6-1R(0)
21"x15"

TEMPORARY PAVEMENT MARKING
- LINE 4"-TYPE IV TAPE (TWO-WAY LEFT TURN) (TYP)
TEMPORARY PAVEMENT MARKING
LETTERS AND SYMBOLS - TYPE IV TAPE (TYP)



W20-1103(0)
48"x48"
M6-4(0)
21"x15"



GRAPHIC SCALE

SEE SHEET 20
MATCHLINE STA 208+00

MATCHLINE STA 208+00
SEE SHEET 22

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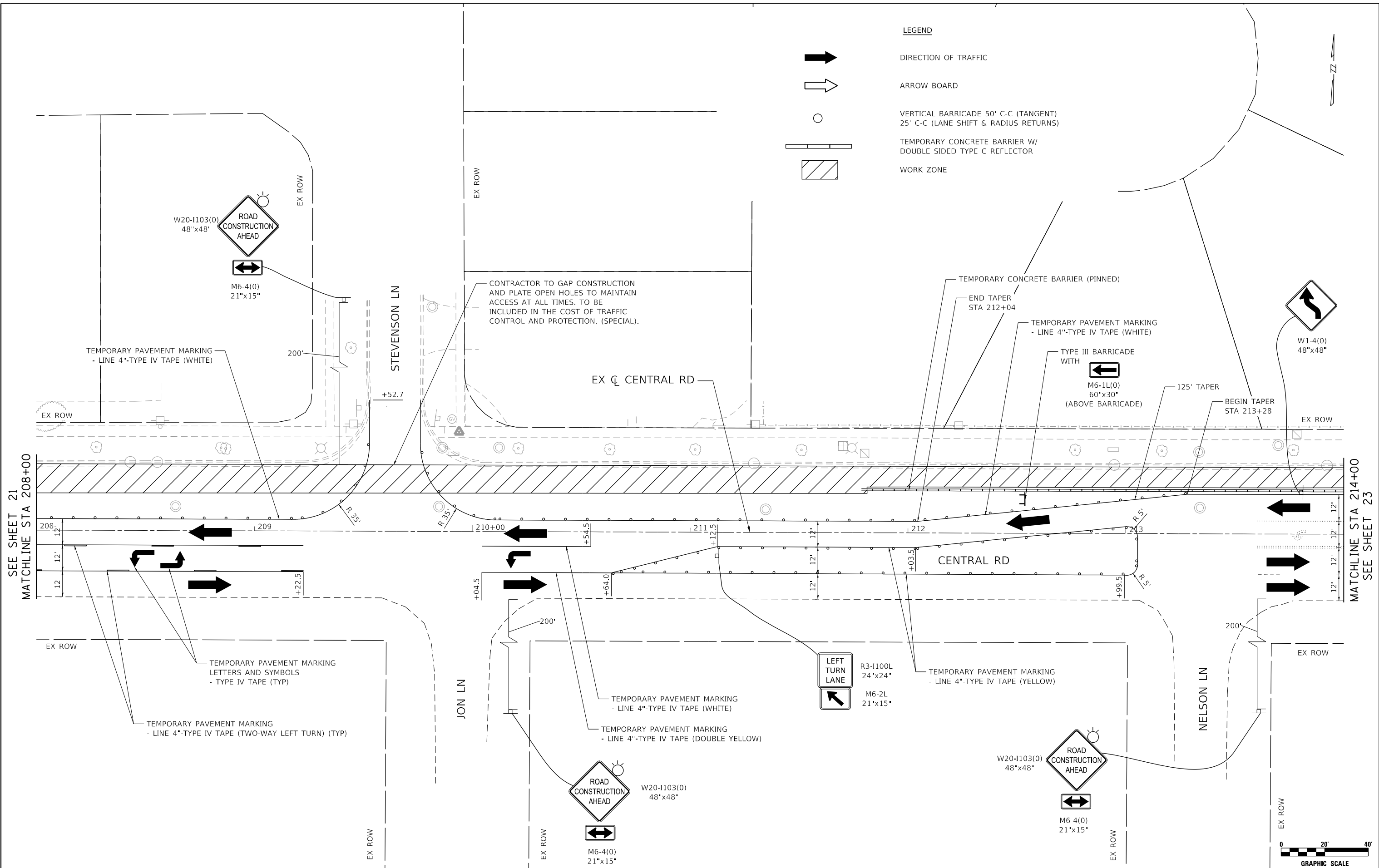
VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 8 SHEETS STA. 202+00 TO STA. 208+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	21
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- DIRECTION OF TRAFFIC
 - ARROW BOARD
 - VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
 - TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
 - WORK ZONE

SEE SHEET 20
MATCHLINE STA 208+00

MATCHLINE STA 214+00
SEE SHEET 22



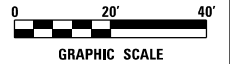
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VILLAGE OF MOUNT PROSPECT






**FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN**

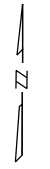
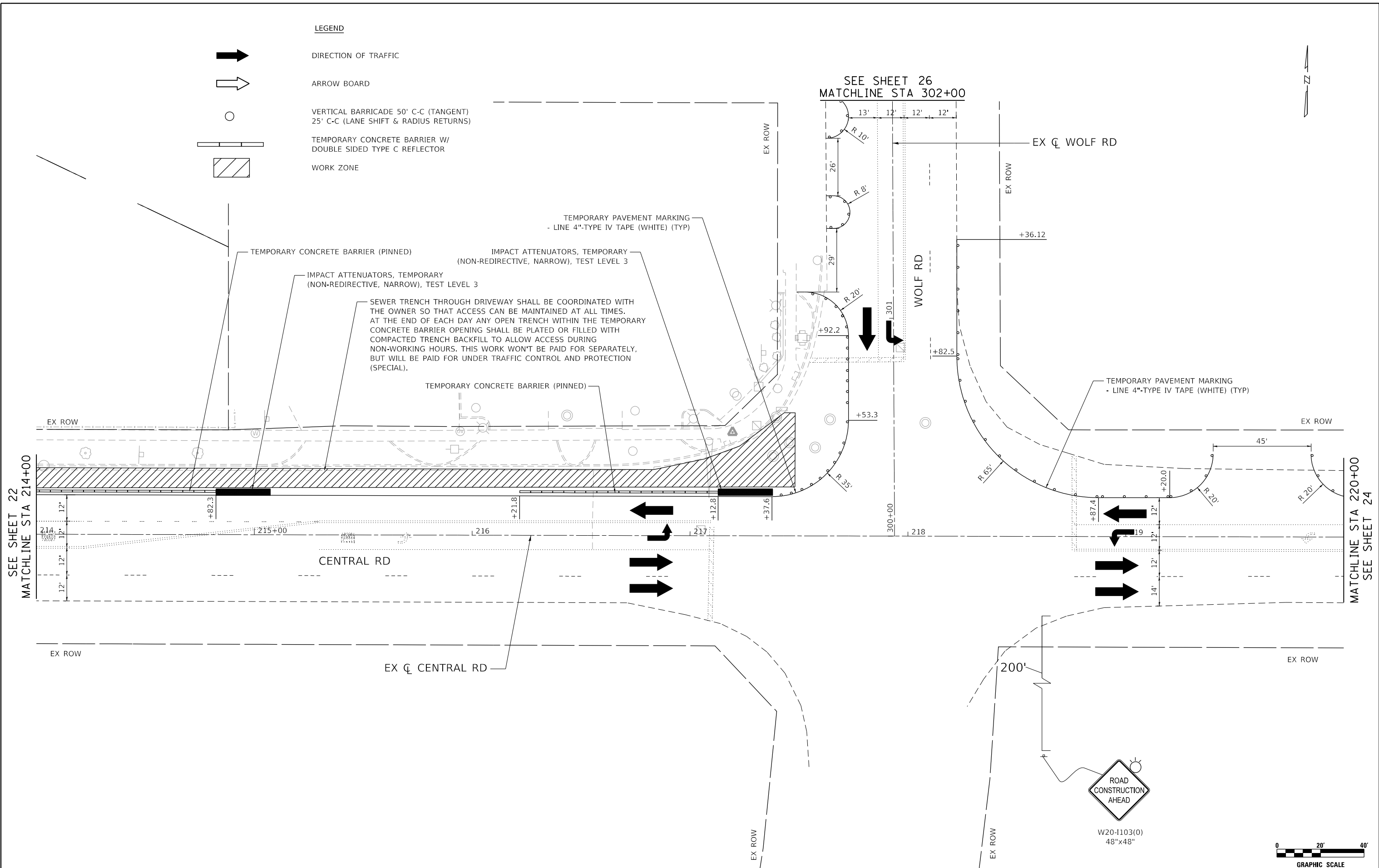
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	22
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
-  TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
-  WORK ZONE



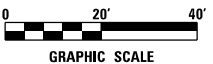
SEE SHEET 22
MATCHLINE STA 214+00

MATCHLINE STA 220+00
SEE SHEET 24

SEE SHEET 26
MATCHLINE STA 302+00



W20-1103(0)
48" x 48"



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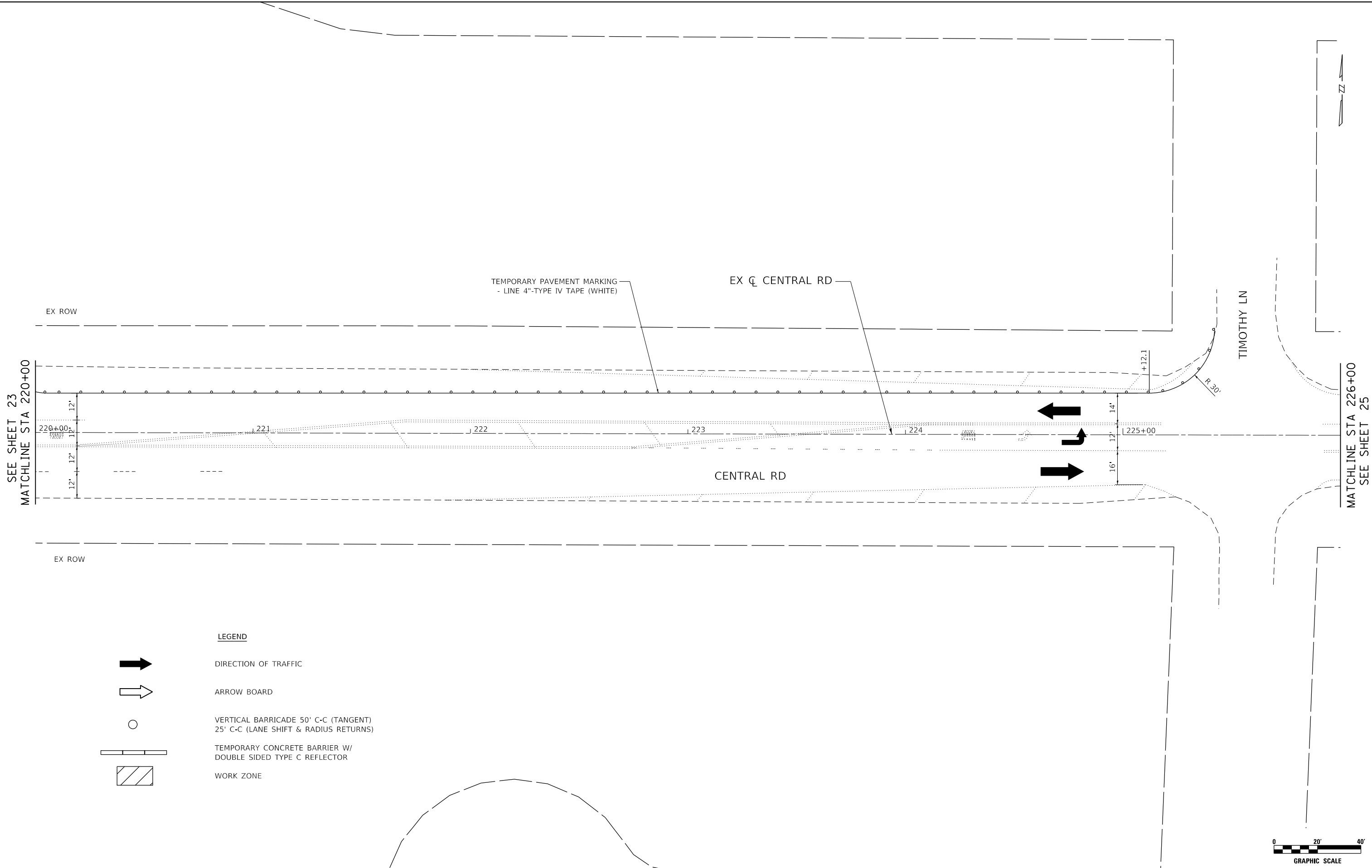
VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN**




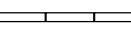

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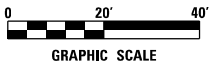
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	23
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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LEGEND

-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
-  TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
-  WORK ZONE



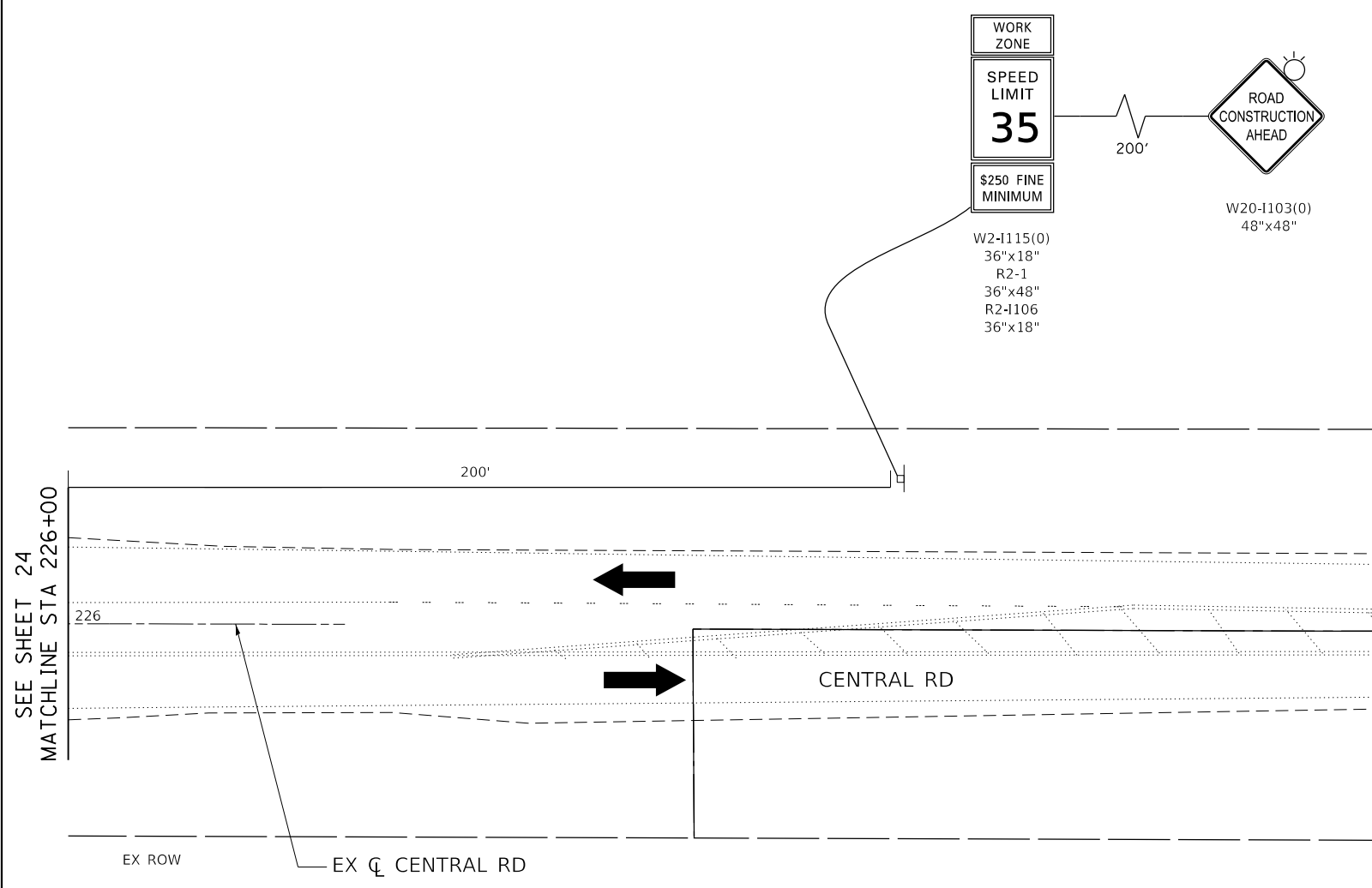
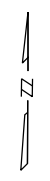
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN**




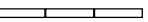

SCALE: 1" = 20' SHEET NO. 6 OF 8 SHEETS STA. 220+00 TO STA. 226+00

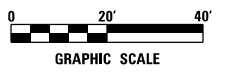
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	24
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



SEE SHEET 24
MATCHLINE STA 226+00

LEGEND

-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
-  TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
-  WORK ZONE



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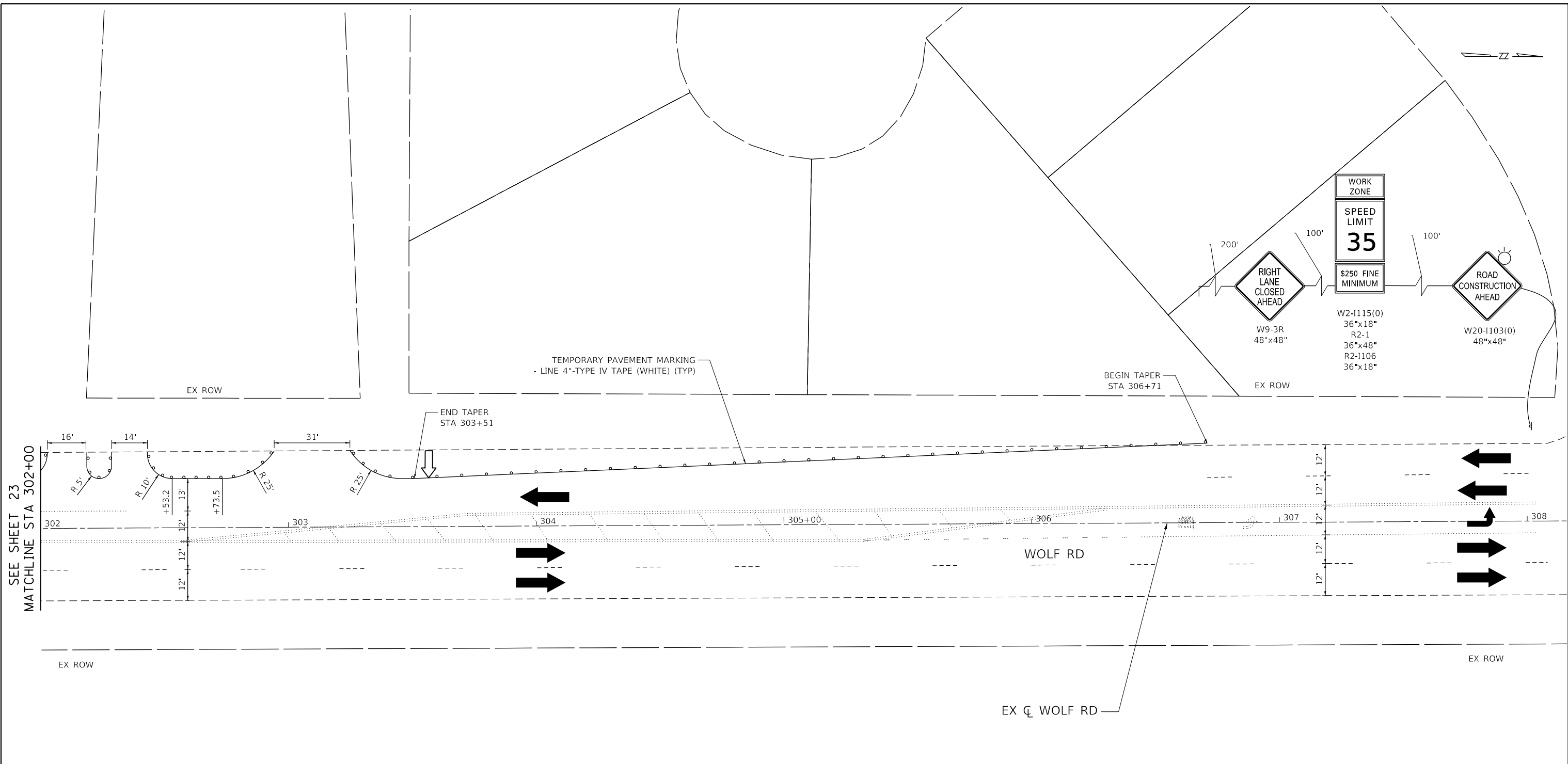
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



VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN**

SCALE: 1" = 20' SHEET NO. 7 OF 8 SHEETS STA. 226+00 TO STA. 226+67

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	25
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



- LEGEND**
-  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  VERTICAL BARRICADE 50' C-C (TANGENT)
25' C-C (LANE SHIFT & RADIUS RETURNS)
 -  TEMPORARY CONCRETE BARRIER W/
DOUBLE SIDED TYPE C REFLECTOR
 -  WORK ZONE



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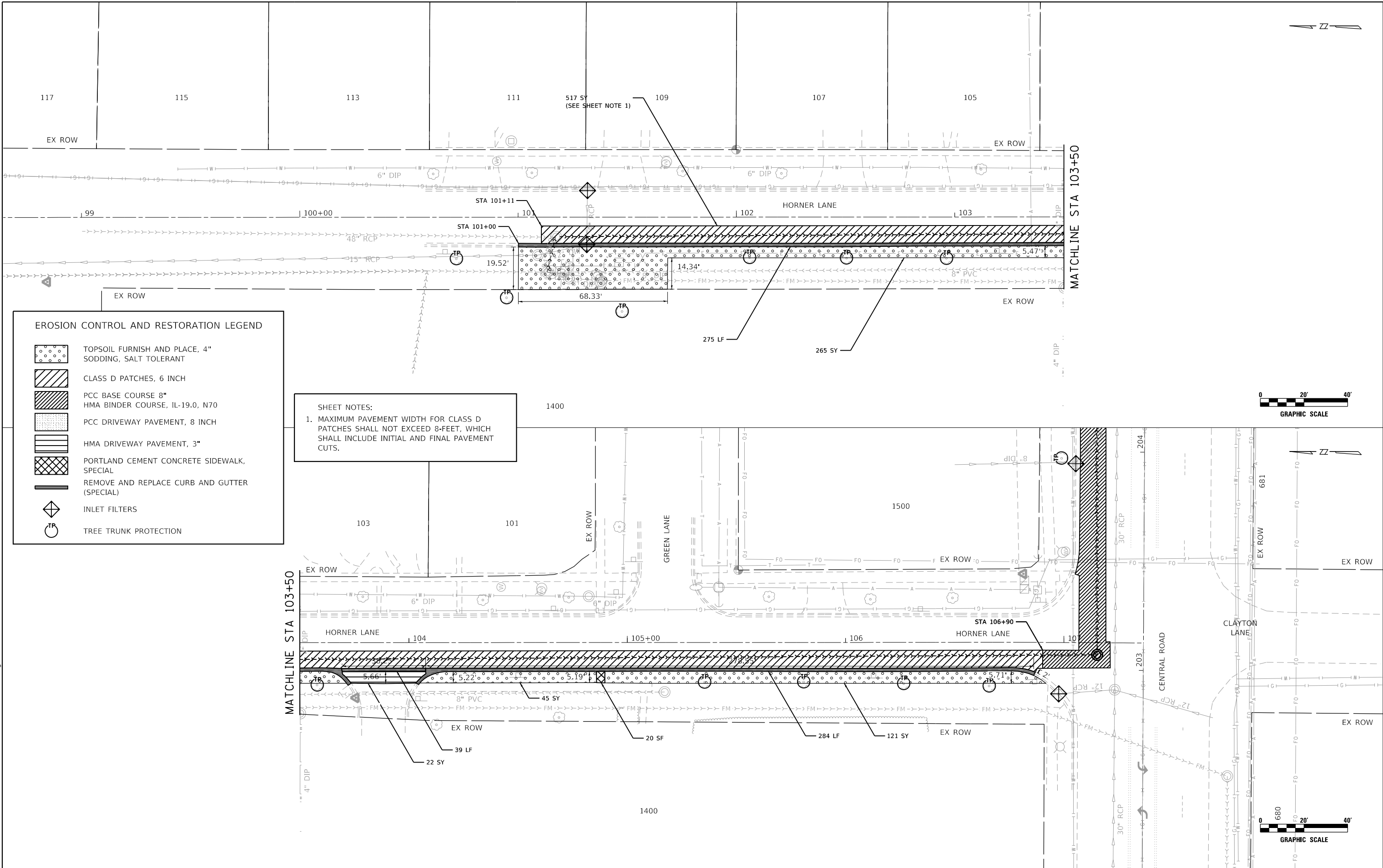
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VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
MAINTENANCE OF TRAFFIC PLAN

SCALE: 1" = 20' SHEET NO. 8 OF 8 SHEETS STA. 302+00 TO STA. 308+00

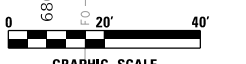
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	26
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL AND RESTORATION LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- CLASS D PATCHES, 6 INCH
- PCC BASE COURSE 8" HMA BINDER COURSE, IL-19.0, N70
- PCC DRIVEWAY PAVEMENT, 8 INCH
- HMA DRIVEWAY PAVEMENT, 3"
- PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL
- REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
- INLET FILTERS
- TREE TRUNK PROTECTION

SHEET NOTES:
 1. MAXIMUM PAVEMENT WIDTH FOR CLASS D PATCHES SHALL NOT EXCEED 8-FEET, WHICH SHALL INCLUDE INITIAL AND FINAL PAVEMENT CUTS.



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VILLAGE OF MOUNT PROSPECT

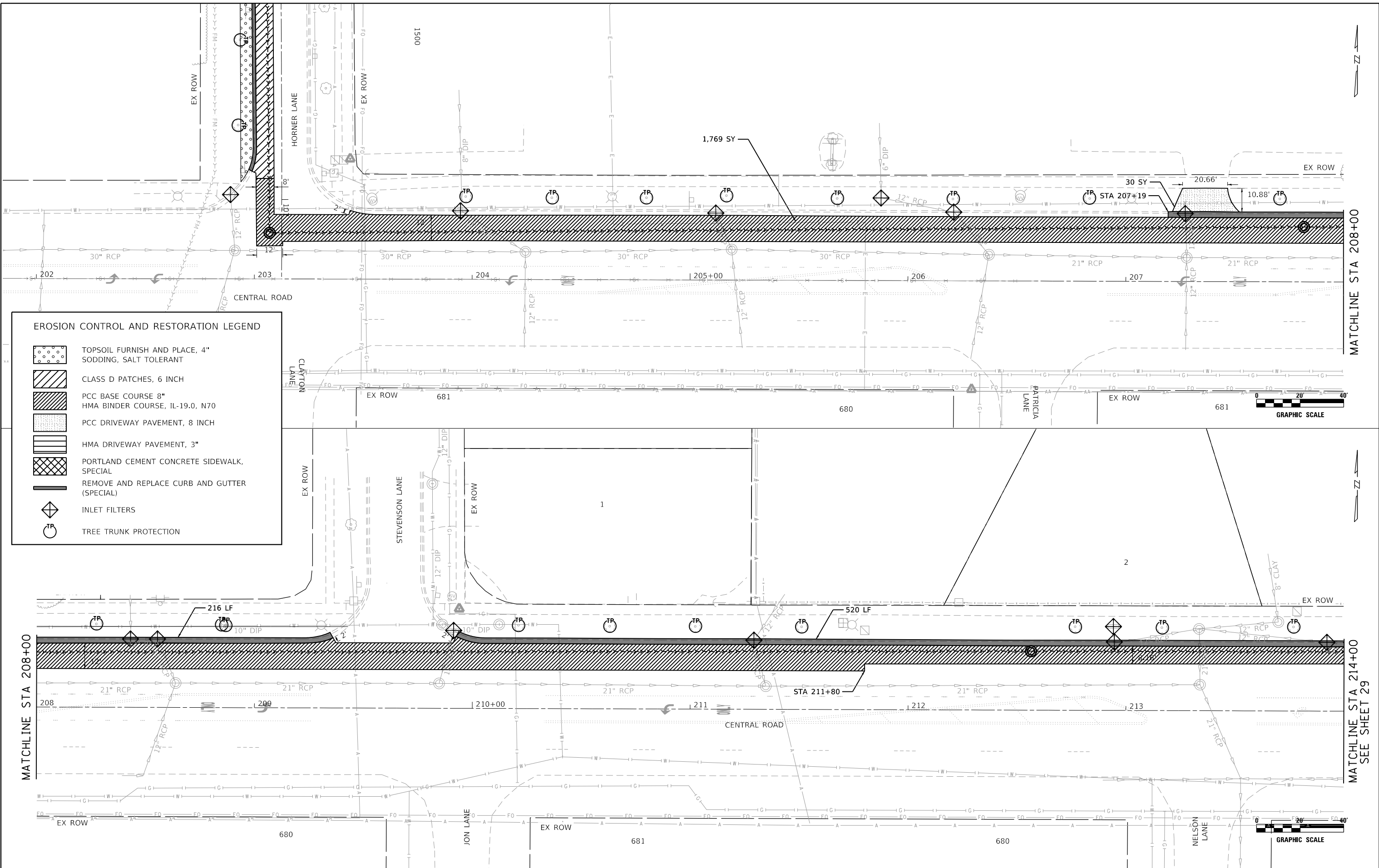
**FAIRVIEW GRAVITY SEWER
 EROSION CONTROL AND RESTORATION PLAN**

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. - TO STA. -

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	27

ILLINOIS FED. AID PROJECT

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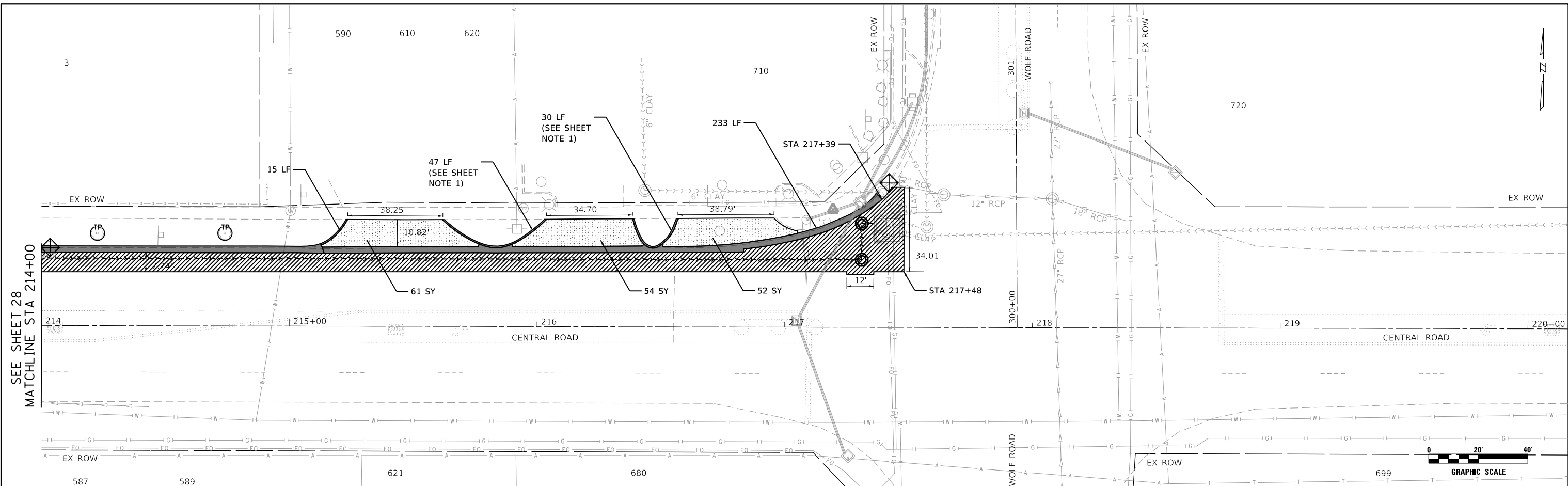


EROSION CONTROL AND RESTORATION LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- CLASS D PATCHES, 6 INCH
- PCC BASE COURSE 8" HMA BINDER COURSE, IL-19.0, N70
- PCC DRIVEWAY PAVEMENT, 8 INCH
- HMA DRIVEWAY PAVEMENT, 3"
- PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL
- REMOVE AND REPLACE CURB AND GUTTER (SPECIAL)
- INLET FILTERS
- TREE TRUNK PROTECTION



<p>8725 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 www.ciorba.com</p>	USER NAME = WaterResources PLOT SCALE = PLOT DATE = 2/16/2024	DESIGNED - LAM DRAWN - CLG CHECKED - LAM DATE - 2/18/2024	REVISED - REVISED - REVISED - REVISED -	VILLAGE OF MOUNT PROSPECT FAIRVIEW GRAVITY SEWER EROSION CONTROL AND RESTORATION PLAN	SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. - TO STA. 214+00	RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. - - - 47 28	
	ILLINOIS FED. AID PROJECT						



EROSION CONTROL AND RESTORATION LEGEND

- TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
- CLASS D PATCHES, 6 INCH
- PCC BASE COURSE 8"
HMA BINDER COURSE, IL-19.0, N70
- PCC DRIVEWAY PAVEMENT, 8 INCH
- HMA DRIVEWAY PAVEMENT, 3"
- PORTLAND CEMENT CONCRETE SIDEWALK,
SPECIAL
- REMOVE AND REPLACE CURB AND GUTTER
(SPECIAL)
- INLET FILTERS
- TREE TRUNK PROTECTION

SHEET NOTES:

1. REMOVE AND REPLACE CURB IN THIS LOCATION AND PAY FOR AS REMOVE AND REPLACE CURB AND GUTTER (SPECIAL).

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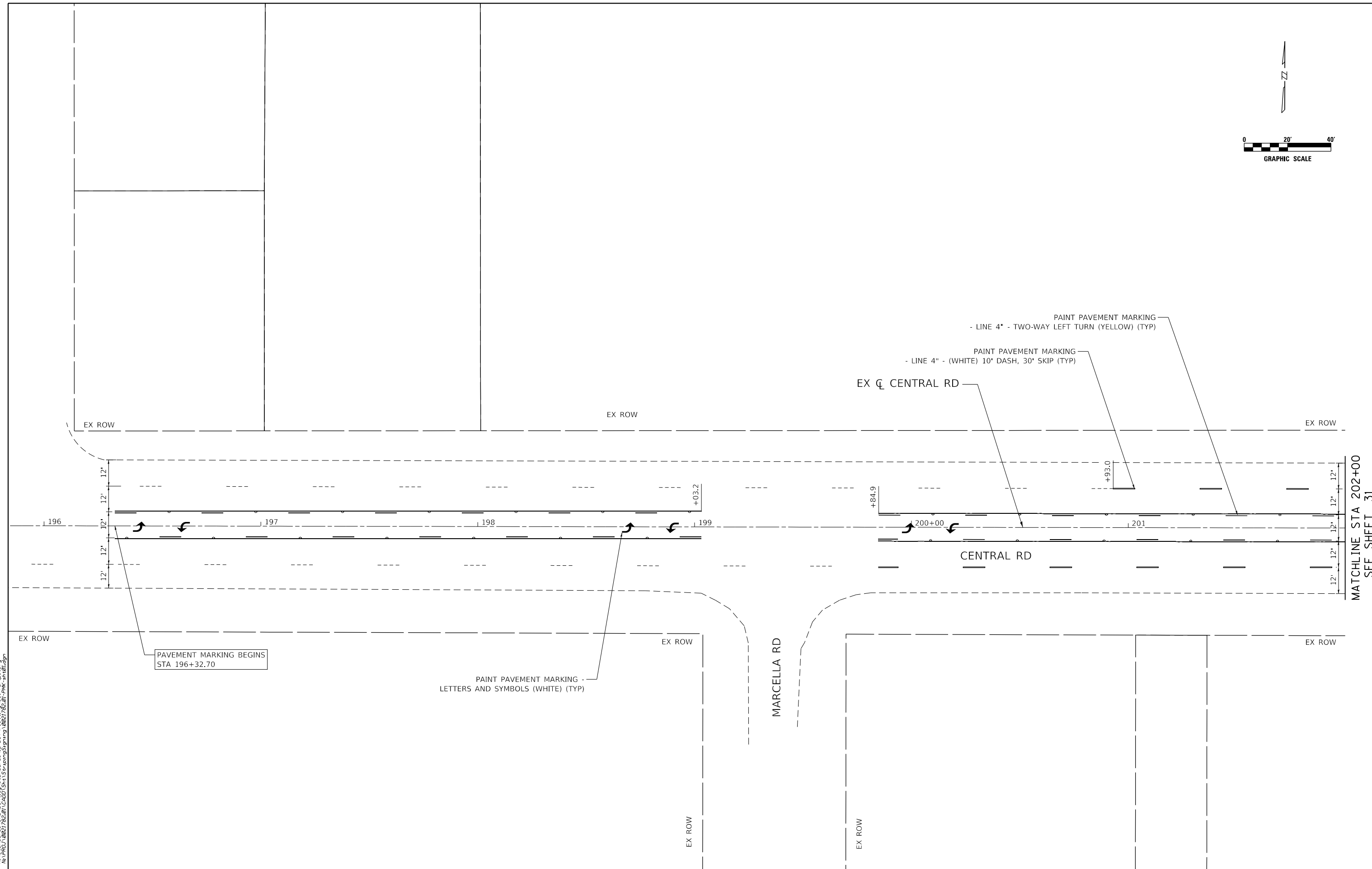
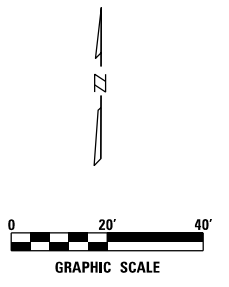
VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
EROSION CONTROL AND RESTORATION PLAN**

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 214+00 TO STA. -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	29

ILLINOIS FED. AID PROJECT



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MATCHLINE STA 202+00
 SEE SHEET 31



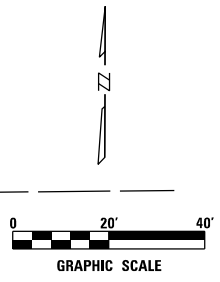
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VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
PAVEMENT MARKING PLAN**

SCALE: 1" = 20' SHEET NO. 1 OF 5 SHEETS STA. 200+93 TO STA. 202+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	30
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING
- LINE 12" (WHITE)

PAINT PAVEMENT MARKING
- LINE 4" - (WHITE)
10' DASH, 30' SKIP

THERMOPLASTIC PAVEMENT MARKING
- LINE 24" (WHITE)

THERMOPLASTIC PAVEMENT MARKING
- LINE 6" (WHITE)

PAINT PAVEMENT MARKING
- LINE 6" - (WHITE) 2' DASH, 6' SKIP (TYP)

PAINT PAVEMENT MARKING
- LINE 4" - (WHITE) 10' DASH, 30' SKIP

PAINT PAVEMENT MARKING
- LETTERS & SYMBOLS (WHITE) (8' SIZE) (TYP)

PAINT PAVEMENT MARKING
- LINE 6" - (WHITE) (TYP)

PAINT PAVEMENT MARKING
- LINE 12" - (YELLOW) 35' C-C (TYP)

PAINT PAVEMENT MARKING
- LINE 4" - (YELLOW) 2 @ 11" C-C (TYP)

SEE SHEET 30
MATCHLINE STA 202+00

MATCHLINE STA 208+00
SEE SHEET 32

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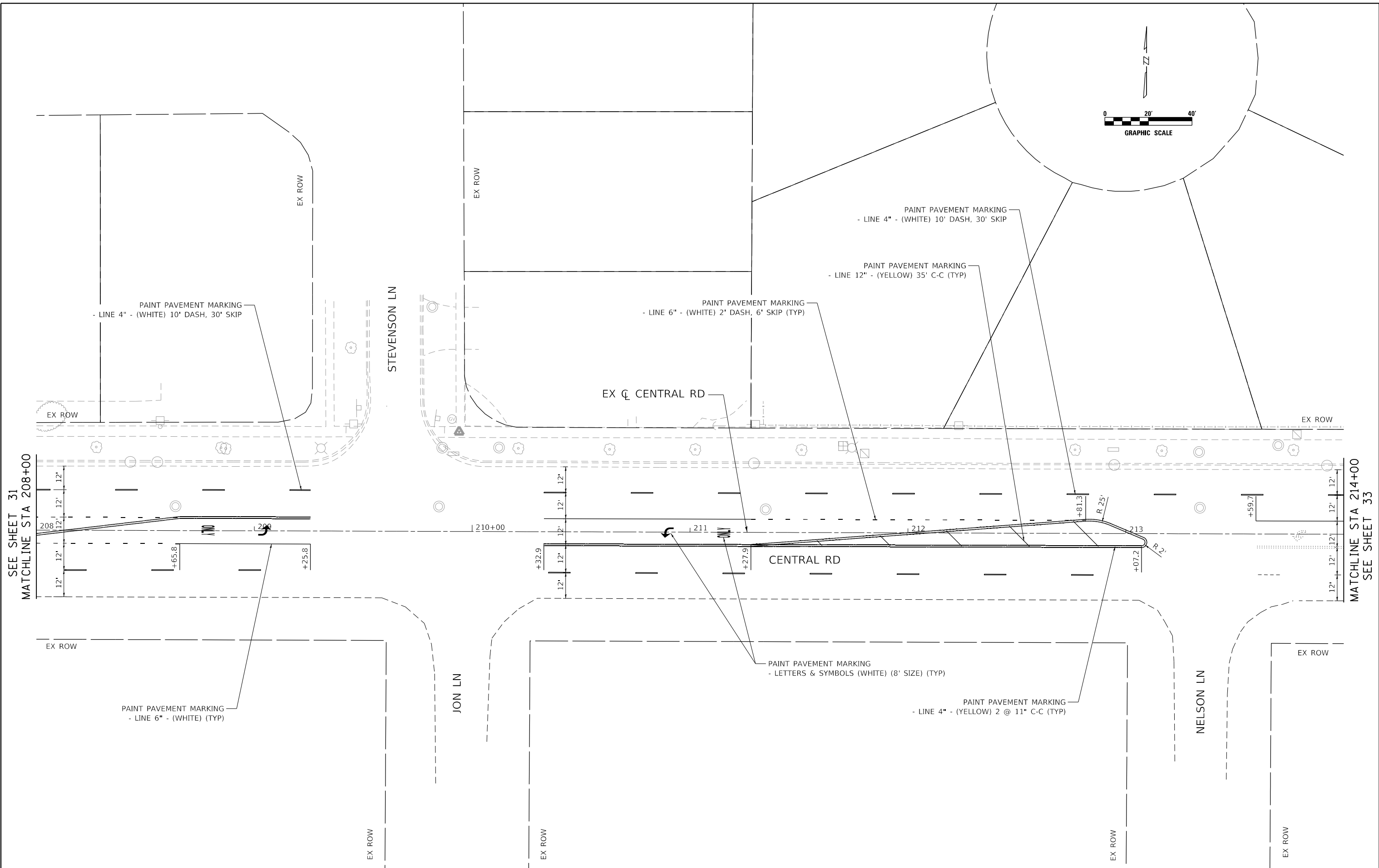
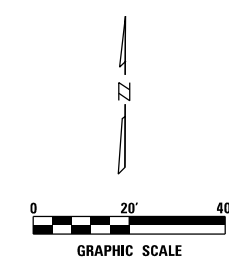
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VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 5 SHEETS STA. 202+00 TO STA. 208+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	31
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



SEE SHEET 31
MATCHLINE STA 208+00

MATCHLINE STA 214+00
SEE SHEET 33

DATE PLOTTED = 2/16/2024 3:05:04 PM
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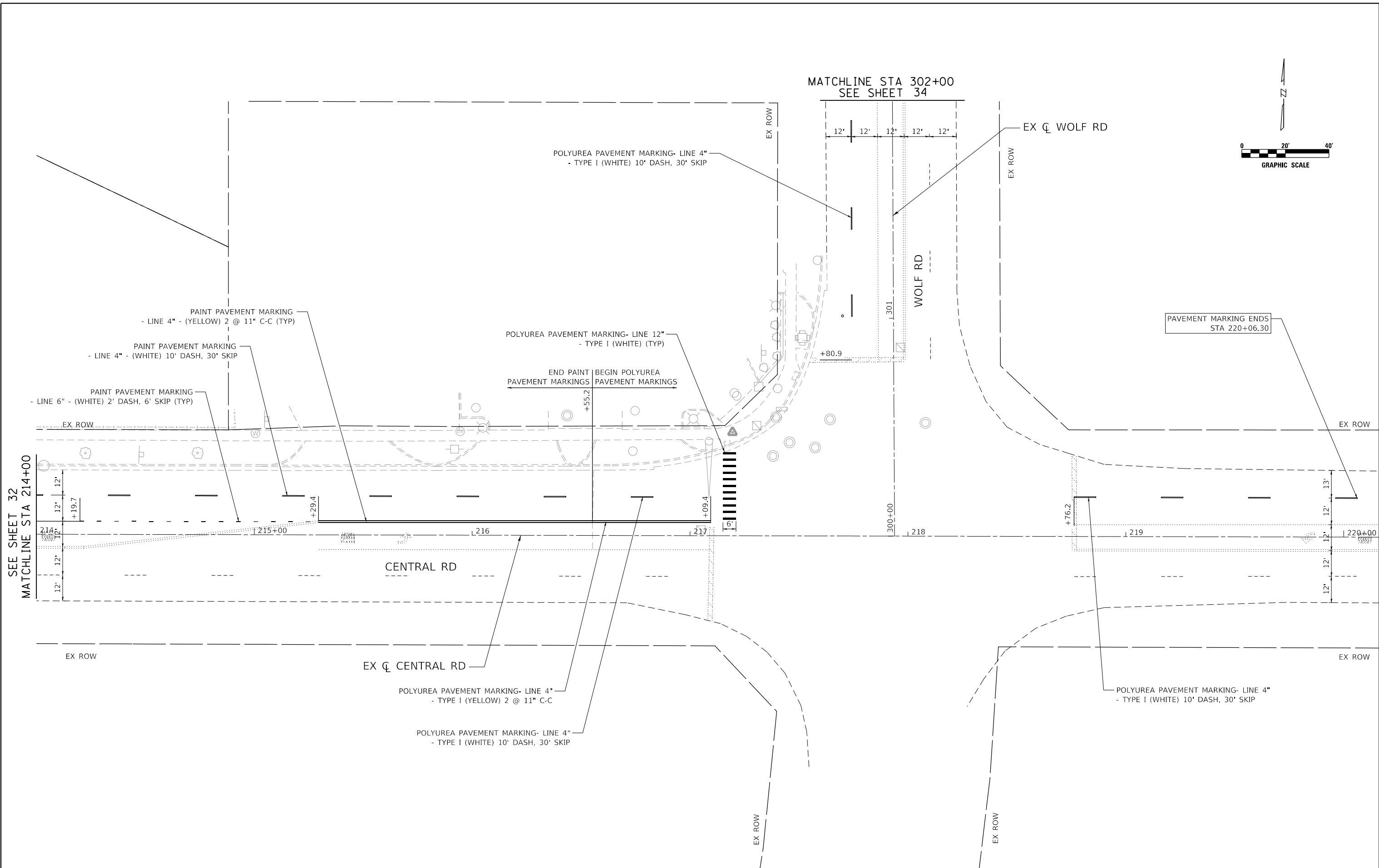
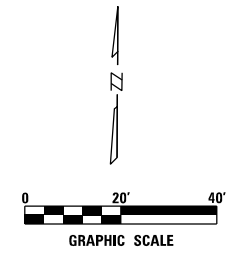
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DRAWN - AS	REVISOR -	
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
PAVEMENT MARKING PLAN**

SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. 208+00 TO STA. 214+00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	32
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



SEE SHEET 32
MATCHLINE STA 214+00

MATCHLINE STA 302+00
SEE SHEET 34

PAVEMENT MARKING ENDS
STA 220+06.30

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	DRAWN - AS	REVISED -
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

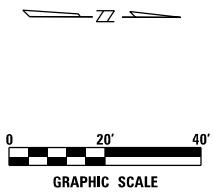
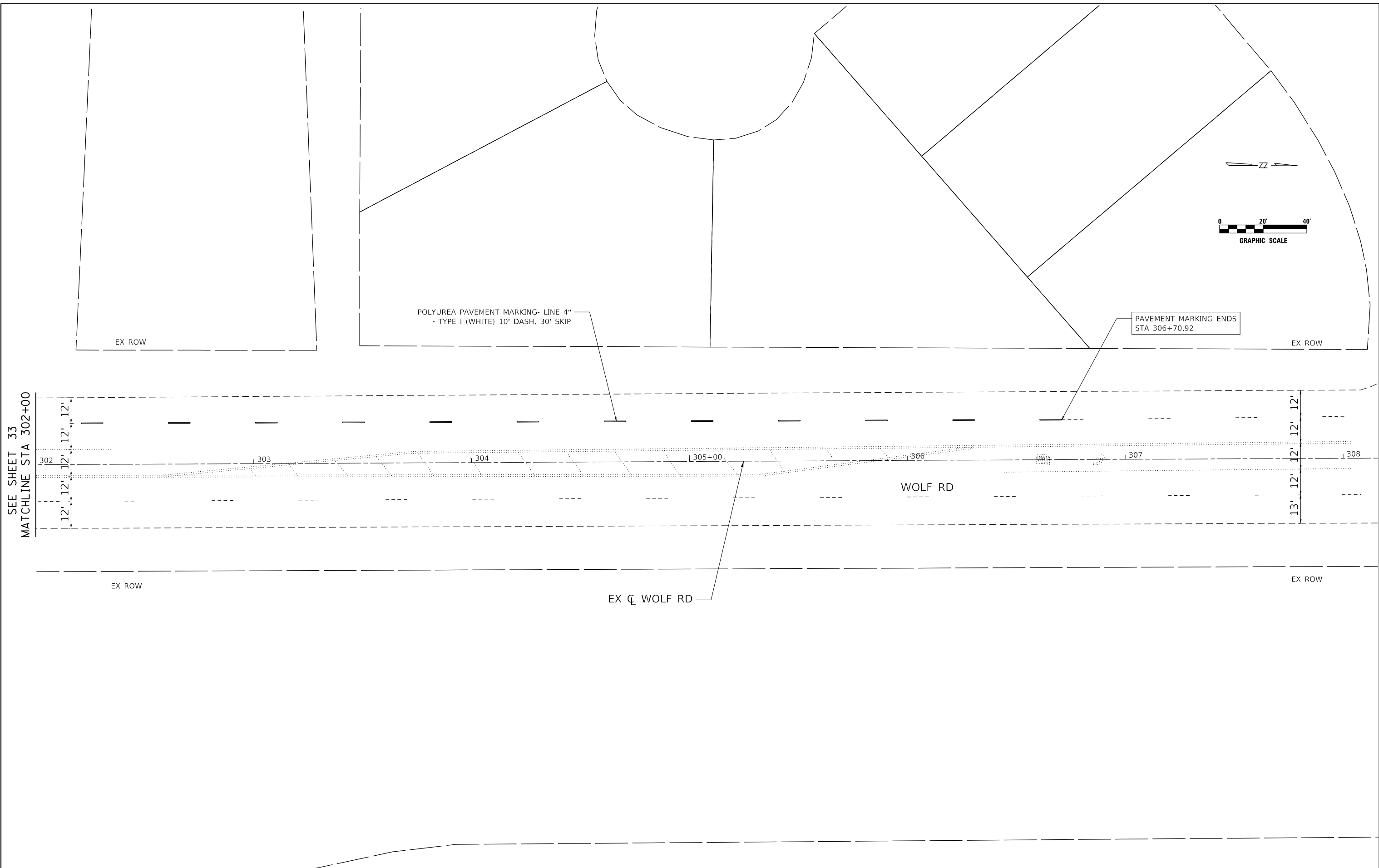
VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 214+00 TO STA. 220+06

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	33
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				

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SEE SHEET 33
 MATCHLINE STA 302+00



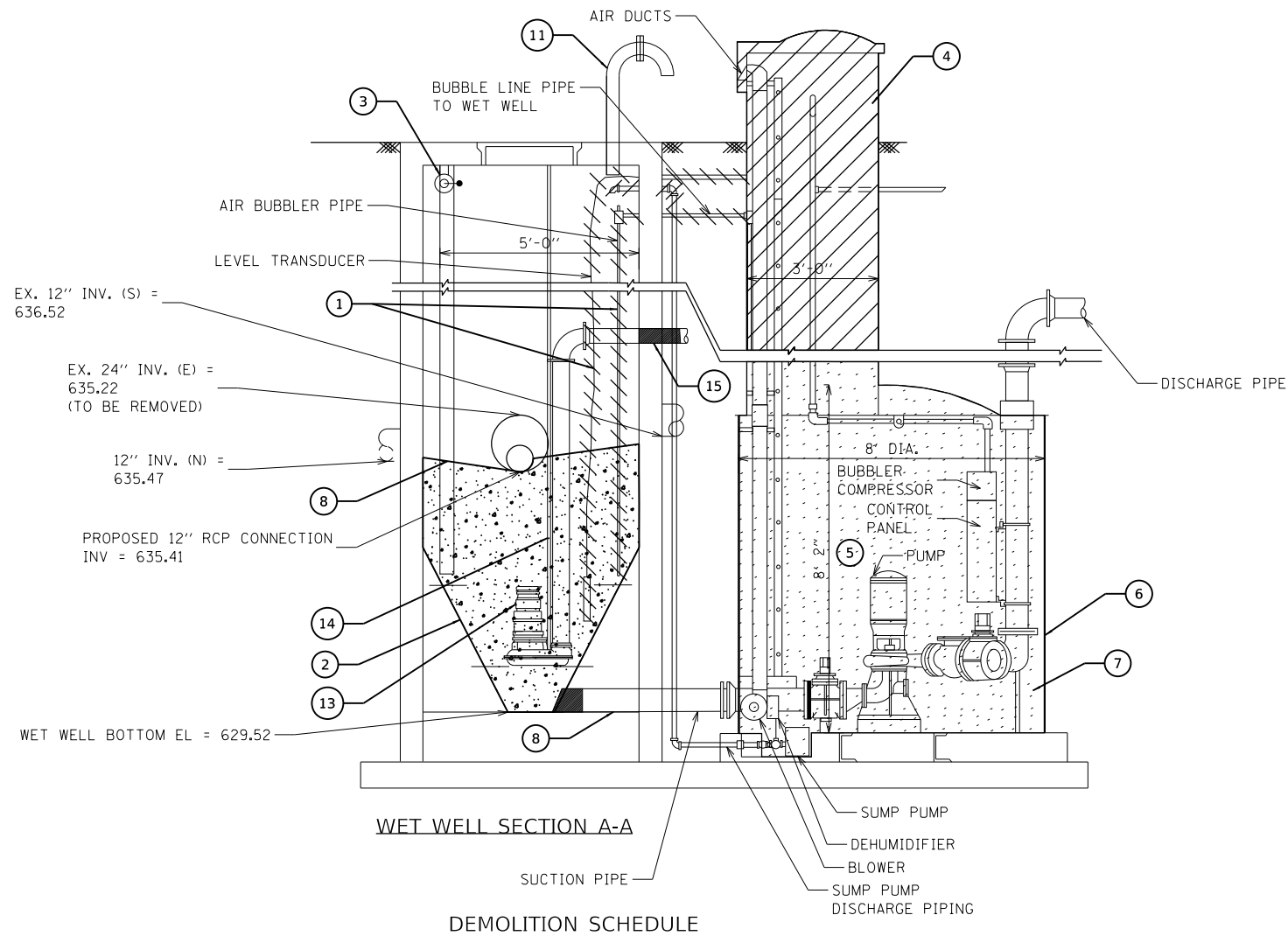
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

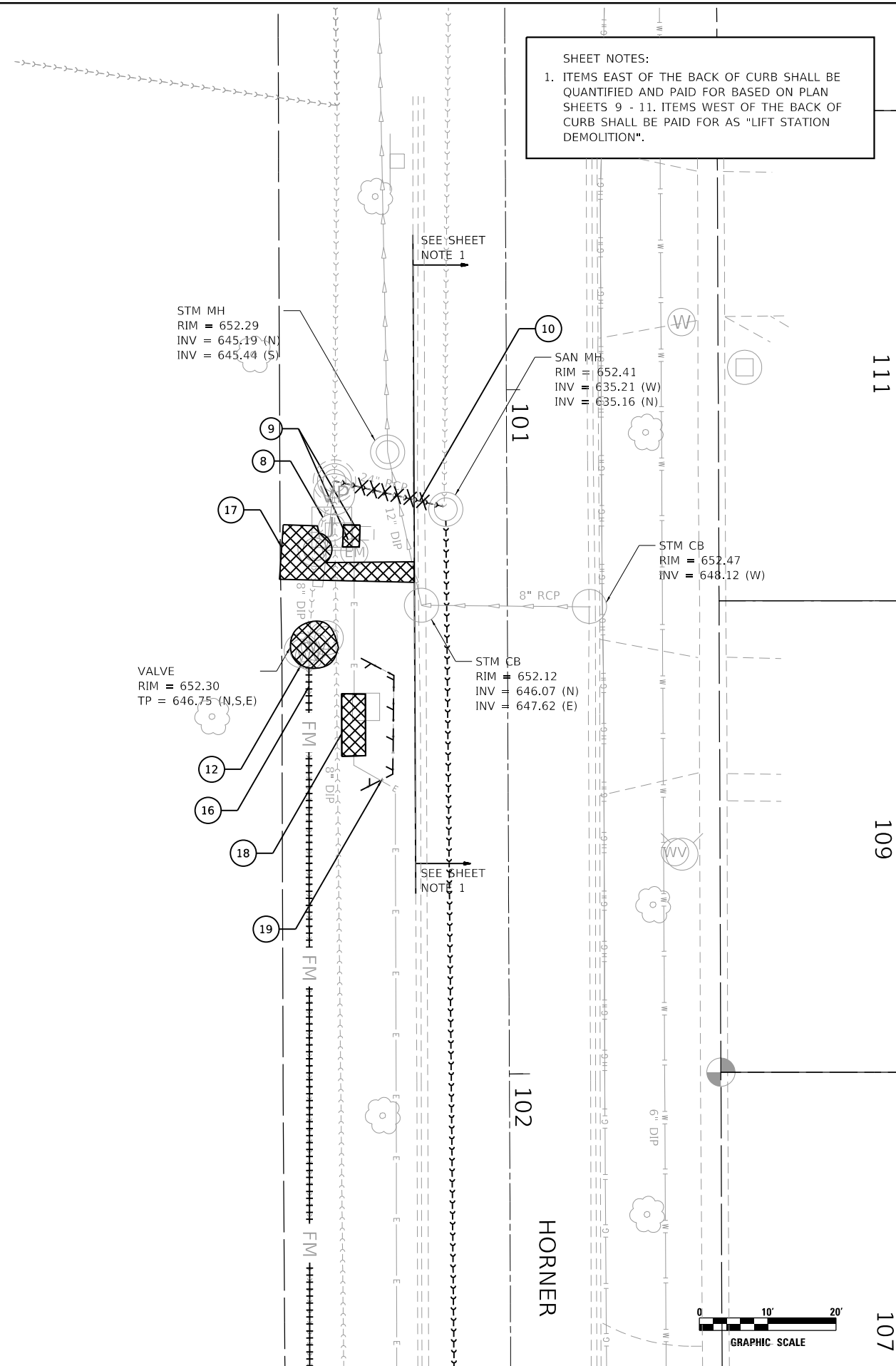
**FAIRVIEW GRAVITY SEWER
PAVEMENT MARKING PLAN**

SCALE: 1" = 20' SHEET NO. 5 OF 5 SHEETS STA. 302+00 TO STA. 306+70

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	34
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



- 1 REMOVE EXISTING AIR BUBBLER AND PRESSURE TRANSDUCER COMPONENTS. PLUG WET WELL PENETRATIONS WITH NON-SHRINK GROUT.
- 2 FILL BOTTOM ±6.5' OF EXISTING WET WELL WITH CONCRETE. ANCHOR TO EXISTING STRUCTURE, 4", WITH 15" ANCHOR RODS, 4 EVENLY SPACED AROUND CIRCUMFERENCE AT 2' VERTICAL SPACING
- 3 REMOVE STILLING TUBE. SEAL PENETRATIONS WITH NON-SHRINK GROUT.
- 4 REMOVE EXISTING DRY WELL ACCESS SHAFT, LADDER, AND HATCH TO A MINIMUM DEPTH OF 6-FEET BELOW GRADE. BACKFILL WITH SUITABLE EXCAVATED MATERIAL.
- 5 REMOVE EXISTING DRY WELL EQUIPMENT (PUMPS, BLOWER, ELECTRICAL PANEL, SUMP PUMP, DEHUMIDIFIER, BLOWER COMPRESSOR, LIGHTING, CONDUIT, ETC).
- 6 BACKFILL EXISTING DRY WELL AND ACCESS RISER WITH FLOWABLE FILL.
- 7 BENCH SURFACE TO DIRECT NORTH AND SOUTH FLOWS TO NEW 12" EAST OUTLET.
- 8 SUCTION LINES TO BE ADANDONED IN PLACE WITH 2' LONG NON-SHRINK CONCRETE MORTAR PLUG ON WET WELL SIDE.
- 9 ELECTRICAL SERVICE METER, TRANSFER SWITCH, EMERGENCY CUT OFF SWITCH, CONTROL PANEL, SCADA PANEL, AND CONCRETE PEDESTALS SHALL BE REMOVED. CONDUCTORS FEEDING COMED METER FITTING AND SERVICE SHALL BE ABANDONED.
- 10 16 LF SANITARY SEWER TO BE REMOVED, 24".
- 11 REMOVE EXISTING VENT PIPE. PATCH LID WITH NON-SHRINK GROUT.
- 12 REMOVE EXISTING VALVE VAULT LID AND BYPASS RISER PIPE. CUT DOWN VAULT TO A MINIMUM DEPTH OF 3' BELOW GRADE. FILL VAULT WITH FLOWABLE FILL. BACKFILL ABOVE VAULT WITH SUITABLE EXCAVATED MATERIAL.
- 13 REMOVE EXISTING SUMBERSIBLE PUMP AND RETURN TO THE VILLAGE.
- 14 REMOVE EXISTING PUMP GUIDE RAIL AND BASE FITTING
- 15 REMOVE PUMP DISCHARGE PIPING. PLUG WET WELL PENETRATION WITH 2' LONG NON-SHRINK CONCRETE MORTAR PLUG.
- 16 EXCAVATE FORCE MAIN, CUT AND ABANDON WITH 8" MECHANICAL CAP.
- 17 89 SF SIDEWALK REMOVAL.
- 18 REMOVE EXISTING GENERATOR AND GENERATOR PAD. DELIVER GENERATOR TO VILLAGE PUBLIC WORKS.
- 19 REMOVE EXISTING FENCE.



SHEET NOTES:
 1. ITEMS EAST OF THE BACK OF CURB SHALL BE QUANTIFIED AND PAID FOR BASED ON PLAN SHEETS 9 - 11. ITEMS WEST OF THE BACK OF CURB SHALL BE PAID FOR AS "LIFT STATION DEMOLITION".



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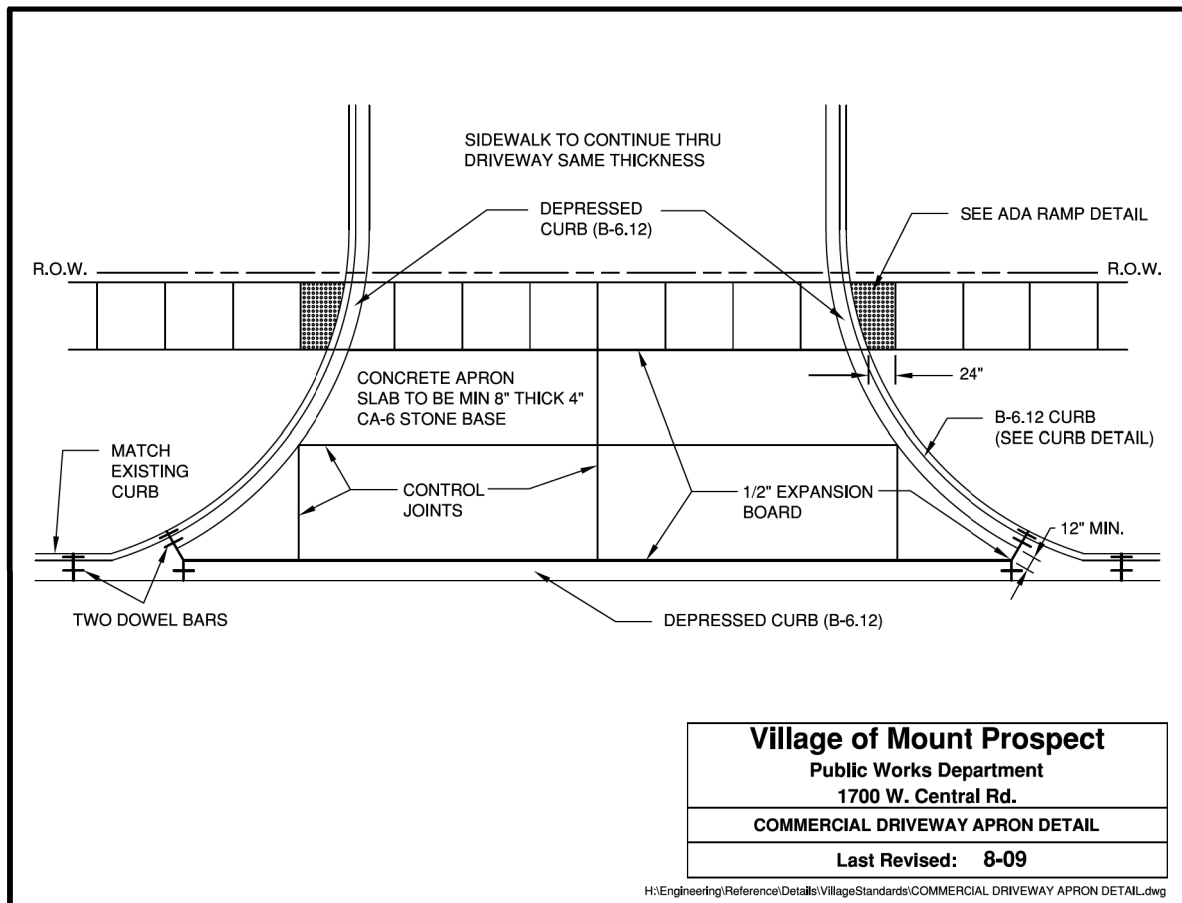
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	DRAWN -	REVISED -
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VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
LIFT STATION DEMOLITION PLAN

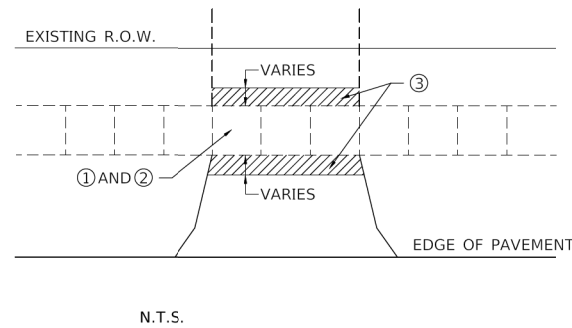
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	35
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



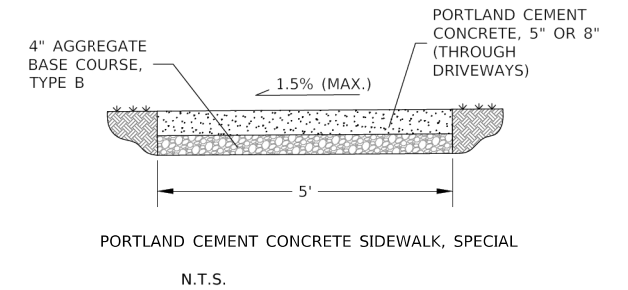
Village of Mount Prospect
Public Works Department
1700 W. Central Rd.
COMMERCIAL DRIVEWAY APRON DETAIL
Last Revised: 8-09

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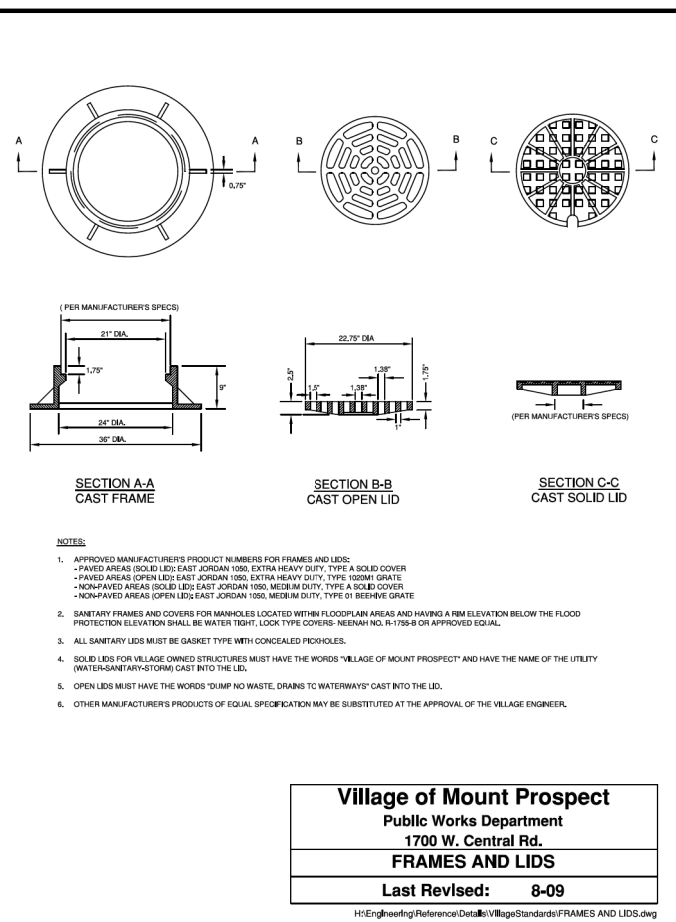


- LEGEND:**
1. PORTLAND CEMENT CONCRETE SIDEWALK, 8"
 2. AGGREGATE BASE COURSE, TYPE B, 6", CA-6
 3. HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50, 3"

HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"

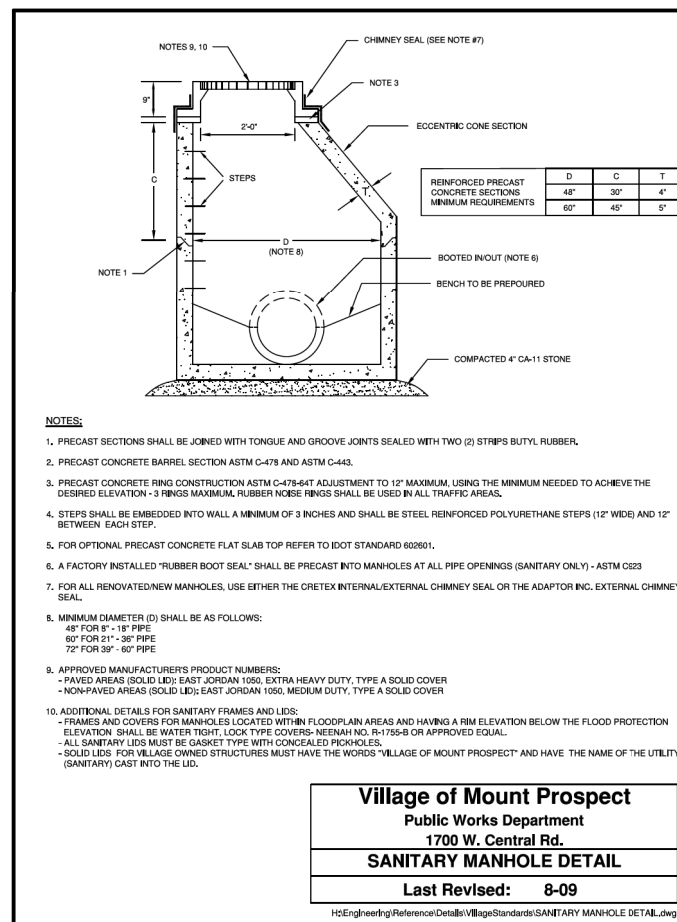


PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL
N.T.S.



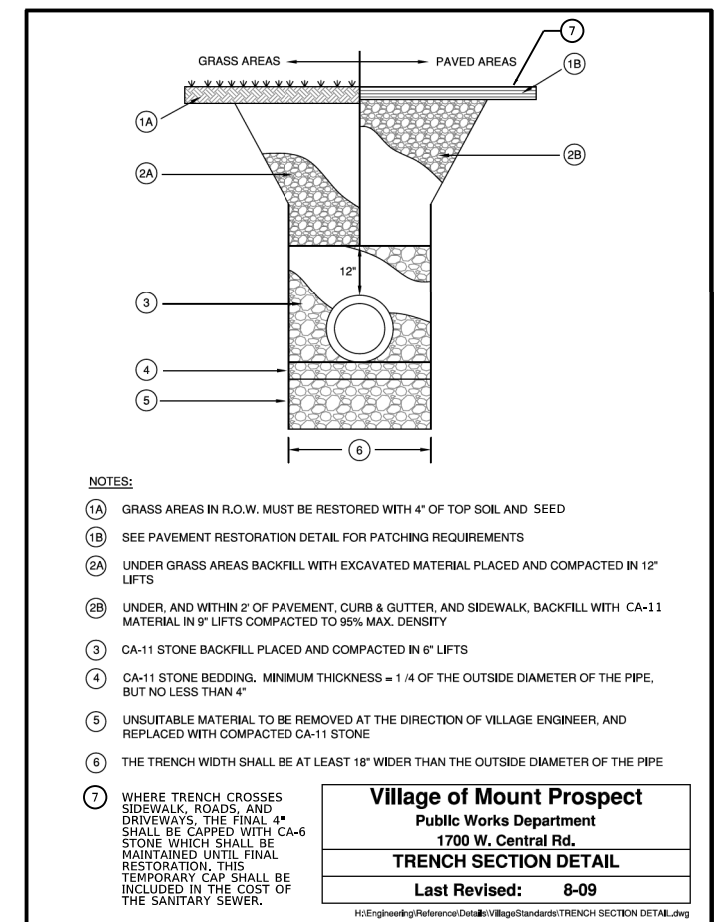
Village of Mount Prospect
Public Works Department
1700 W. Central Rd.
FRAMES AND LIDS
Last Revised: 8-09

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Village of Mount Prospect
Public Works Department
1700 W. Central Rd.
SANITARY MANHOLE DETAIL
Last Revised: 8-09

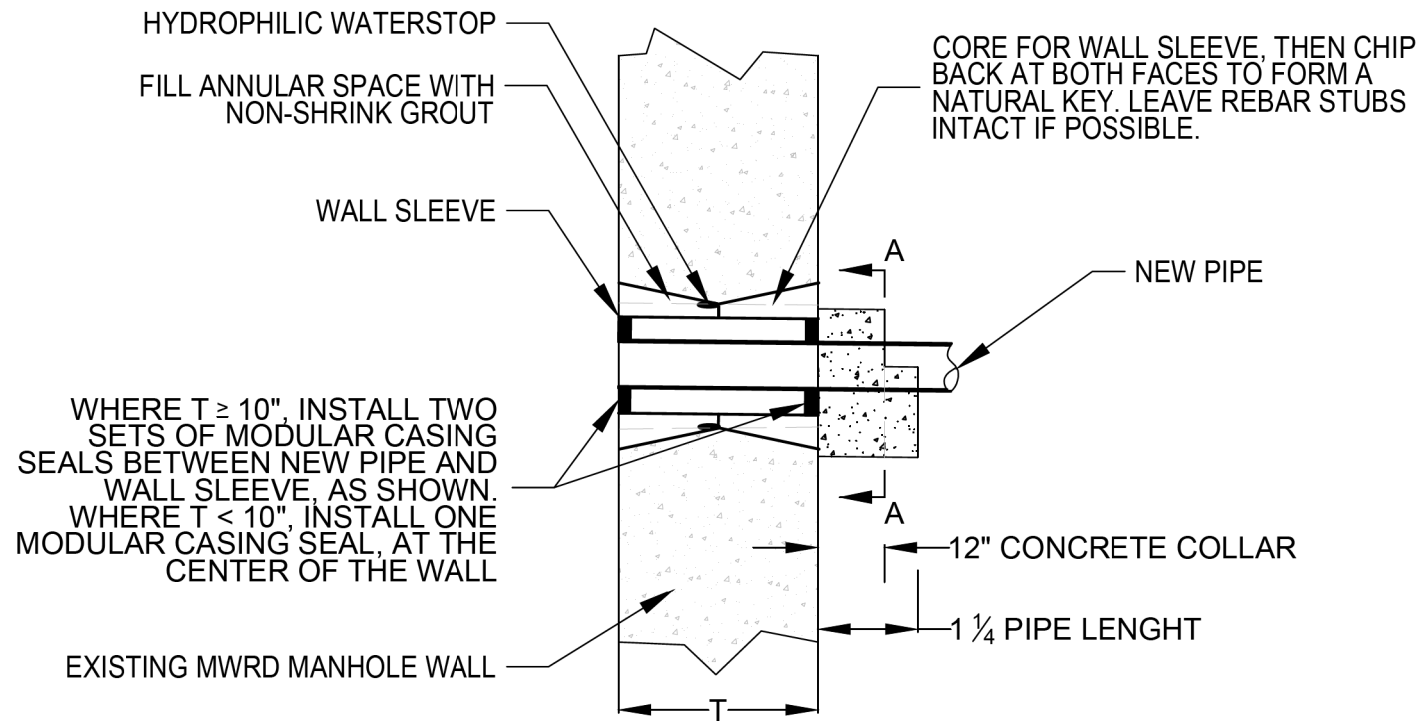
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Village of Mount Prospect
Public Works Department
1700 W. Central Rd.
TRENCH SECTION DETAIL
Last Revised: 8-09

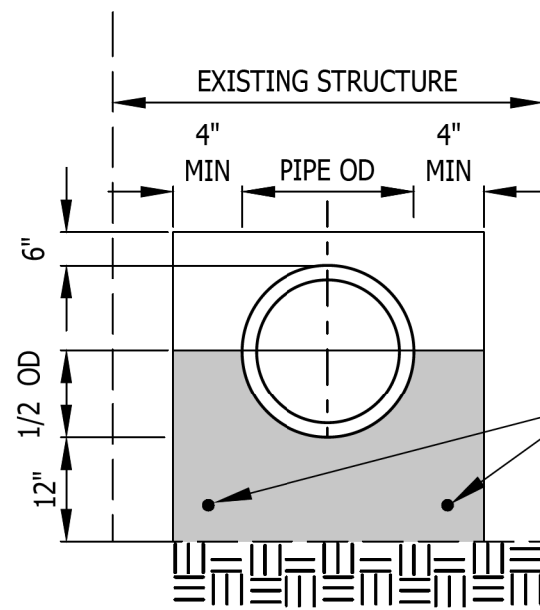
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WHERE $T \geq 10"$, INSTALL TWO SETS OF MODULAR CASING SEALS BETWEEN NEW PIPE AND WALL SLEEVE, AS SHOWN. WHERE $T < 10"$, INSTALL ONE MODULAR CASING SEAL, AT THE CENTER OF THE WALL

EXISTING MWRD MANHOLE WALL



SECTION A-A

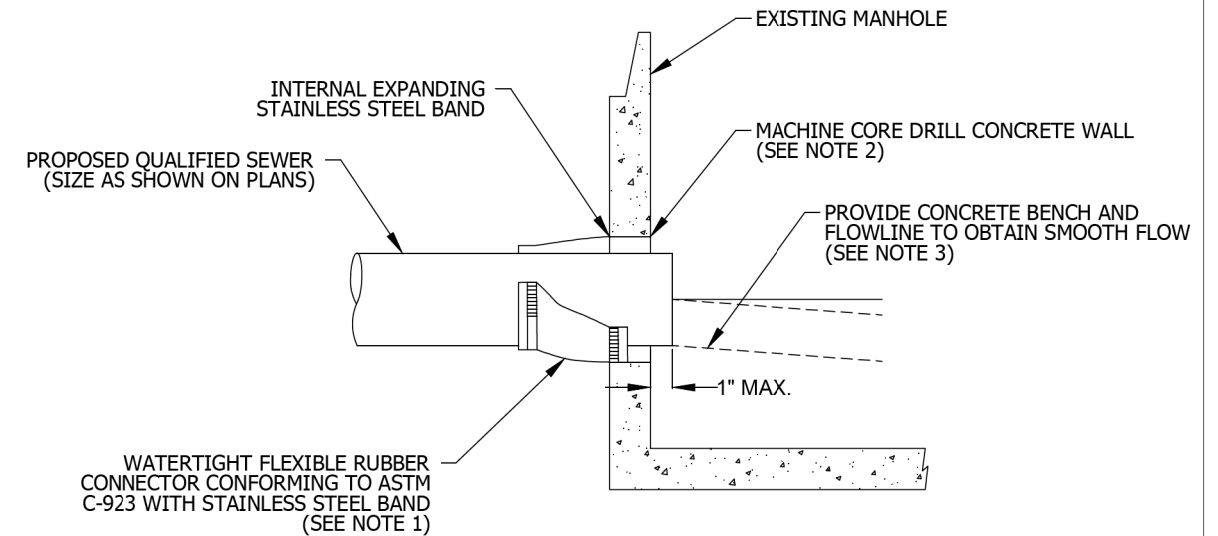
CONCRETE - 4000 psi @ 28 days
THICKNESS OF CRADLE 1/2 PIPE DIAMETER + 12"

BEAR ON UNDISTURBED SUBGRADE.

#4 BARS *

*REINFORCEMENT SHALL BE TWO #4 BARS FOR PIPE DIAMETER LESS THAN OR EQUAL TO 8 INCHES. FOUR #4 BARS FOR PIPE DIAMETER GREATER THAN 8 INCHES.

NOTE: TO BE USED WHEN CONNECTING TO DISTRICT INTERCEPTOR (SEE PAGE 38).



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.

NOT TO SCALE



TECHNICAL GUIDANCE MANUAL

10/02/18

PIPE TO EXISTING MANHOLE CONNECTION DETAIL

STD. DWG. NO. 42

PAGE NO. 43



TECHNICAL GUIDANCE MANUAL

1/31/19

CONCRETE CRADLE

STD. DWG. NO.30

PAGE NO. 31



USER NAME = WaterResources
DESIGNED - LAM
DRAWN - CLG
PLOT SCALE = 2.0000' / in.
CHECKED - LAM
PLOT DATE = 2/16/2024
DATE - 2/18/2024

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DRAWN - CLG
CHECKED - LAM
DATE - 2/18/2024

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REVISED -

VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
MWRD DETAILS

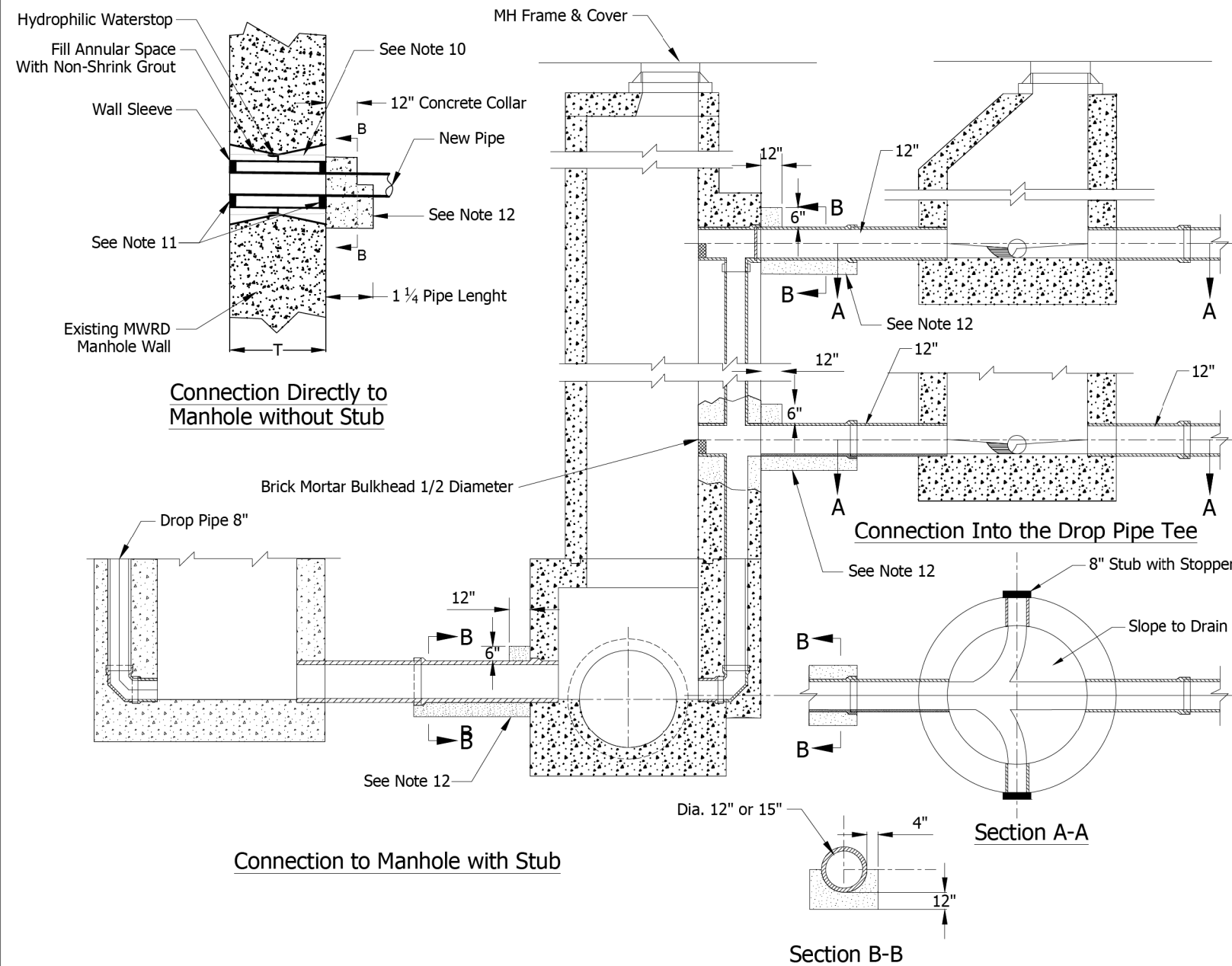
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	37
CONTRACT NO21782.01				

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

ILLINOIS FED. AID PROJECT

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Detailed plans drawn to scale with appropriate notes, must be included with the permit application.



NOTES:

1. A MANHOLE SHALL BE PROVIDED ON THE LOCAL SEWER ADJACENT TO THE DISTRICT MANHOLE AND WITHIN THE ROW PARALLEL TO THE DISTRICT INTERCEPTOR. CLEAR SPACE BETWEEN MANHOLES SHALL NOT BE LESS THAN 3 FEET AND MORE THAN 10 FEET. CONNECTIONS WILL NOT BE PERMITTED AT LOCATIONS WHERE EXISTING DISTRICT MANHOLES ARE NOT PROVIDED. MANHOLE SHALL HAVE A MINIMUM DIAMETER OF 48 INCH. DROP MANHOLES SHALL BE PROVIDED WHERE NEEDED. TWO BULKHEADED STUBS OF MINIMUM 8-INCH DIAMETER SHALL BE PROVIDED.
2. CONNECTION SEWER SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE OF THE SAME SIZE AS EXISTING TEE OR STUB. CONNECTION PIPE SHALL BE PROVIDED WITH CONCRETE COLLAR AT THE DISTRICT MANHOLE, AND A CONCRETE CRADLE FOR AT LEAST 1 1/4 PIPE LENGTH, AS SHOWN. STRUCTURAL GRADE CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI SHALL BE USED.
3. WHEN MAKING A CONNECTION TO A DISTRICT MANHOLE WHERE A STUB IS NOT PROVIDED, A HOLE SHALL BE CORE-DRILLED AT THE SPRINGLINE. HOLE DIAMETER SHALL BE NO MORE THAN ONE INCH LARGER THAN THE OUTSIDE DIAMETER OF CONNECTING PIPE. NON-SHRINK GROUT SHALL BE USED TO FILL ANNULAR SPACE BETWEEN PIPE AND HOLE.
4. FOR CONNECTIONS TO A DISTRICT DROP PIPE BELOW THE STUB, A VITRIFIED CLAY PIPE CROSS SHALL BE USED AND JOINED WITH EXISTING DROP PIPE, WITH PIPE STUBS AND COLLARS TO FORM A WATERTIGHT JOINT. CONNECTION RUN OF ACROSS SHALL BE NO MORE THAN TWO NOMINAL PIPE SIZES LARGER THAN DROP PIPE.
5. ANY DEBRIS ENTERING MANHOLE DURING CONSTRUCTION SHALL BE REMOVED IMMEDIATELY. ANY MANHOLE STEPS THAT ARE DAMAGED SHALL BE REPLACED.
6. ALL ELEVATIONS SHALL BE CLEARLY MARKED. "RECORD" ELEVATIONS OF DISTRICT FACILITIES MAY BE USED BUT FIELD SURVEY IS RECOMMENDED FOR CRITICAL ELEVATIONS.
7. DURING CONSTRUCTION OF PROPOSED CONNECTION, MANHOLE SHALL BE SUPPORTED ACCORDING TO DETAILS PREPARED, SIGNED, AND SEALED BY A LICENSED STRUCTURAL ENGINEER.
8. DOWELS SHALL BE USED TO CONNECT CONCRETE COLLAR AND CRADLE TO THE MANHOLE.
9. THESE CONNECTION DETAILS SHALL BE USED FOR SEWERS UP TO A 15-INCH DIAMETER. CONNECTION DETAILS FOR LARGER SEWERS SHALL BE PREPARED BASED ON SITE CONDITIONS AND CONFIGURATION OF EXISTING MANHOLE/STRUCTURE.
10. CORE FOR WALL SLEEVE, THEN CHIP BACK AT BOTH FACES TO FORM A NATURAL KEY. LEAVE REBAR STUBS INTACT IF POSSIBLE.
11. WHERE $T \geq 10"$, INSTALL TWO SETS OF MODULAR CASING SEALS BETWEEN NEW PIPE AND WALL SLEEVE, AS SHOWN. WHERE $T < 10"$, INSTALL ONE MODULAR CASING SEAL, AT THE CENTER OF THE WALL.
12. SEE STANDARD DRAWING NO. 30 FOR ADDITIONAL DETAIL ON CONCRETE CRADLE.

INSTRUCTIONS FOR USE:

1. SELECT THE METHOD OF CONNECTION.
2. PROVIDE ALL CRITICAL INVERTS ELEVATIONS.
3. CROSS OUT ALL CONNECTION TYPES THAT ARE NOT APPLICABLE AND CLEARLY HIGHLIGHT STRUCTURE ON PLANS THAT REFER TO THIS DETAIL.

NOT TO SCALE



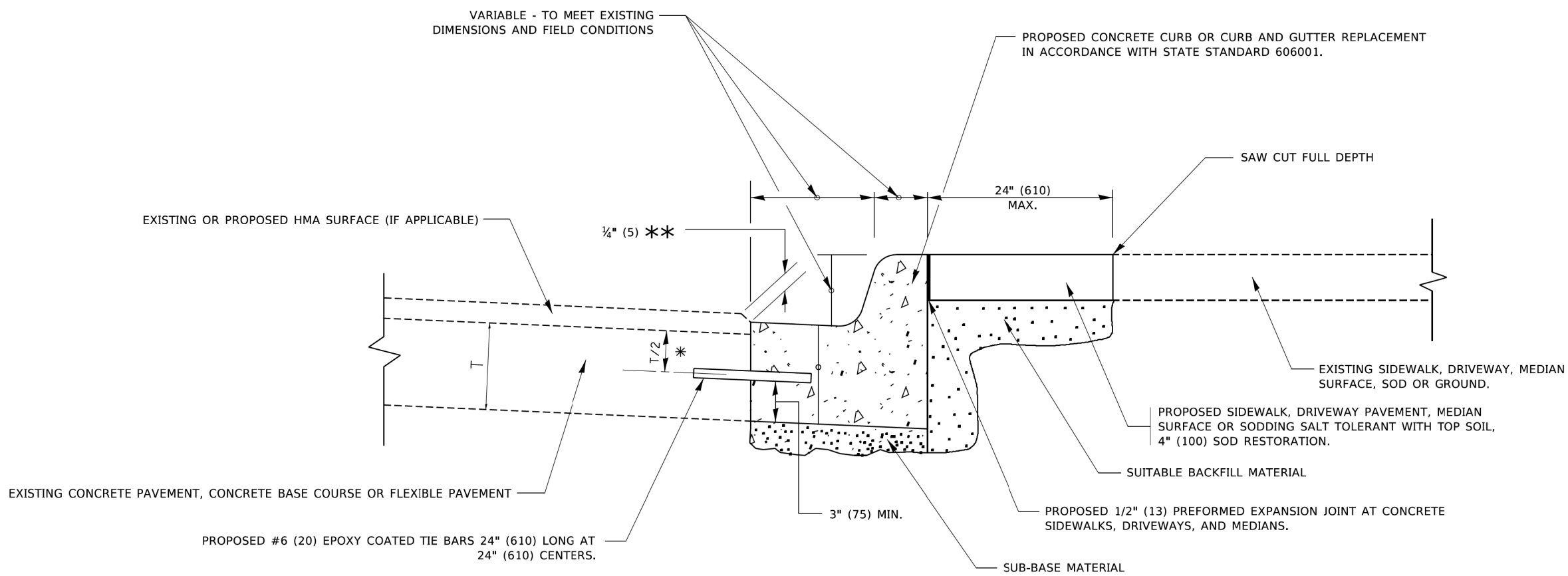
TECHNICAL GUIDANCE MANUAL
METHODS OF CONNECTING TO MWRD MANHOLES

1/31/19

STD. DWG. NO.37

PAGE NO. 38

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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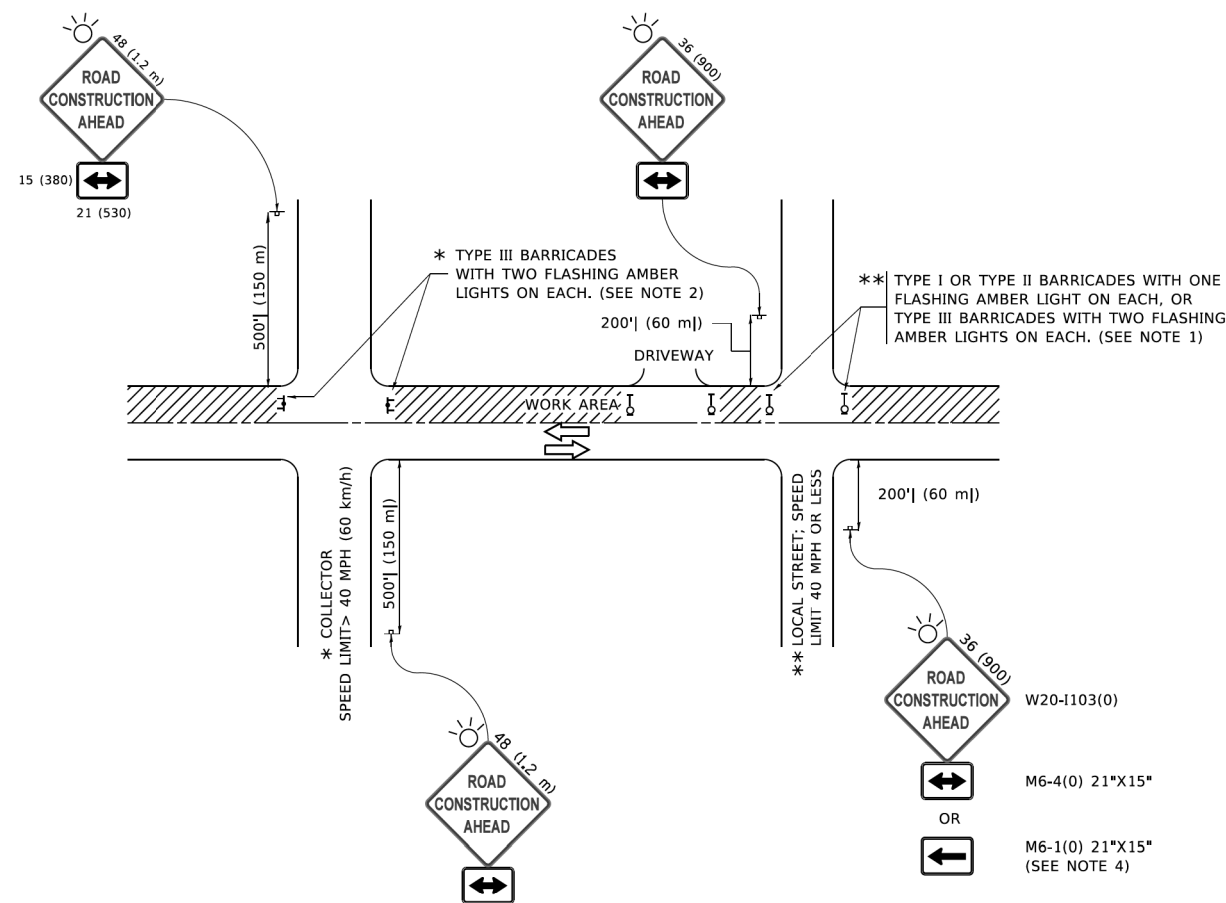


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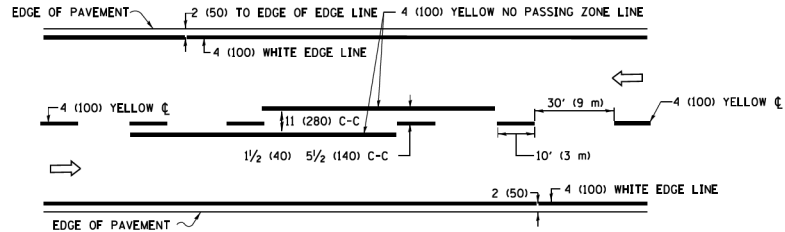
NOTES:

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

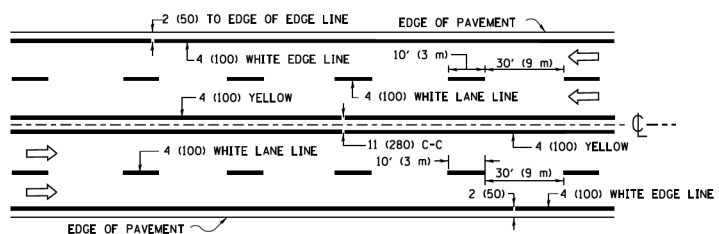
All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16		ILLINOIS FED. AID PROJECT								

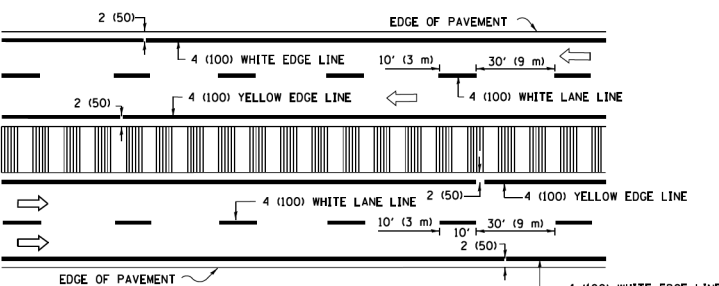
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -		ILLINOIS FED. AID PROJECT								



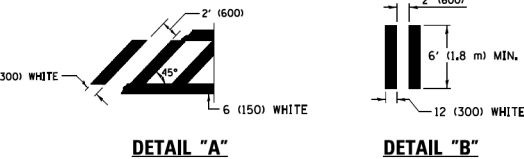
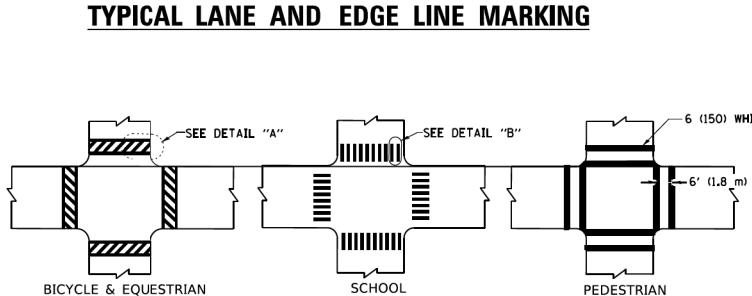
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

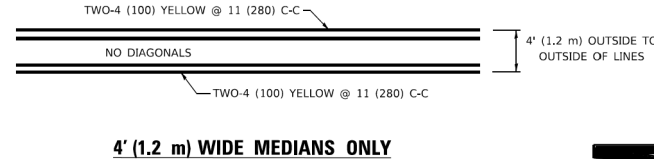


MULTI-LANE DIVIDED WITH MEDIAN

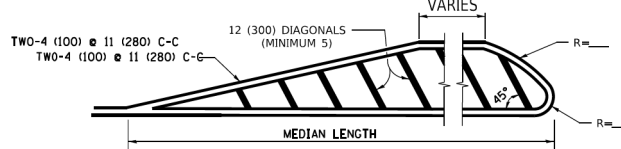


TYPICAL CROSSWALK MARKING

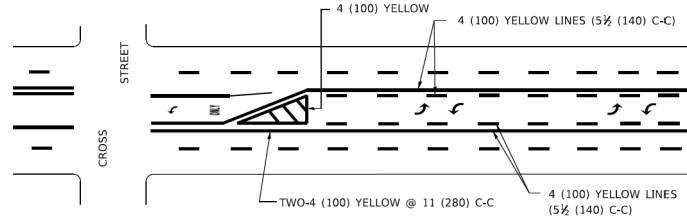
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



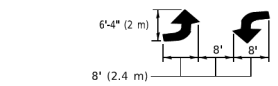
4' (1.2 m) WIDE MEDIANS ONLY



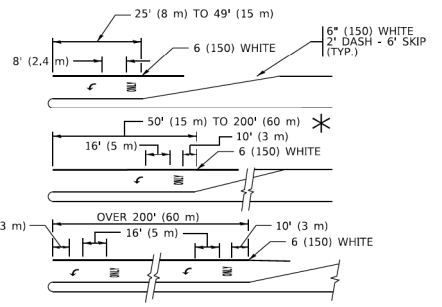
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING



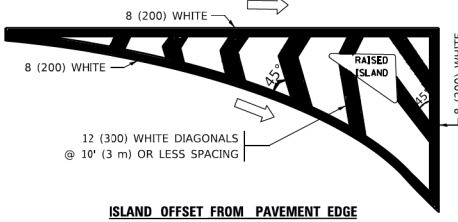
MEDIAN WITH TWO-WAY LEFT TURN LANE



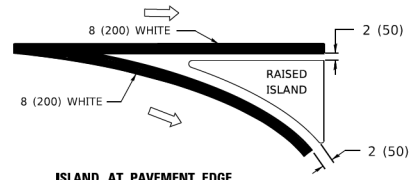
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE 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".

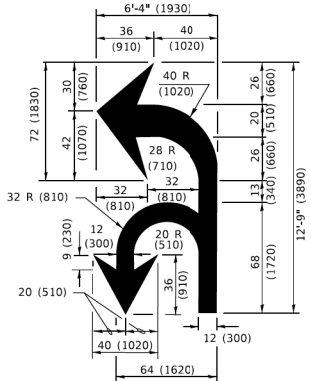


ISLAND OFFSET FROM PAVEMENT EDGE

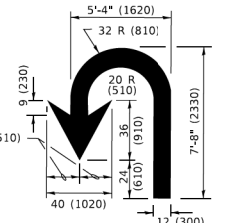


ISLAND AT PAVEMENT EDGE

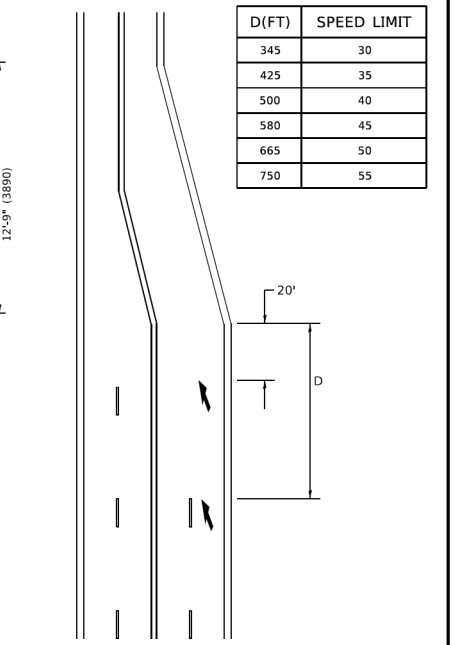
TYPICAL ISLAND MARKING



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.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 SOLID	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR 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 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.

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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**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-13		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO21782.01		
ILLINOIS		FED. AID PROJECT		

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USER NAME = WaterResources	DESIGNED - EPS	REVISED -
	DRAWN - AS	REVISED -
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PLOT DATE = 2/16/2024	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

**FAIRVIEW GRAVITY SEWER
IDOT DISTRICT ONE DETAIL**

SCALE: N.T.S. SHEET NO. 3 OF 6 SHEETS STA. TO STA.

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

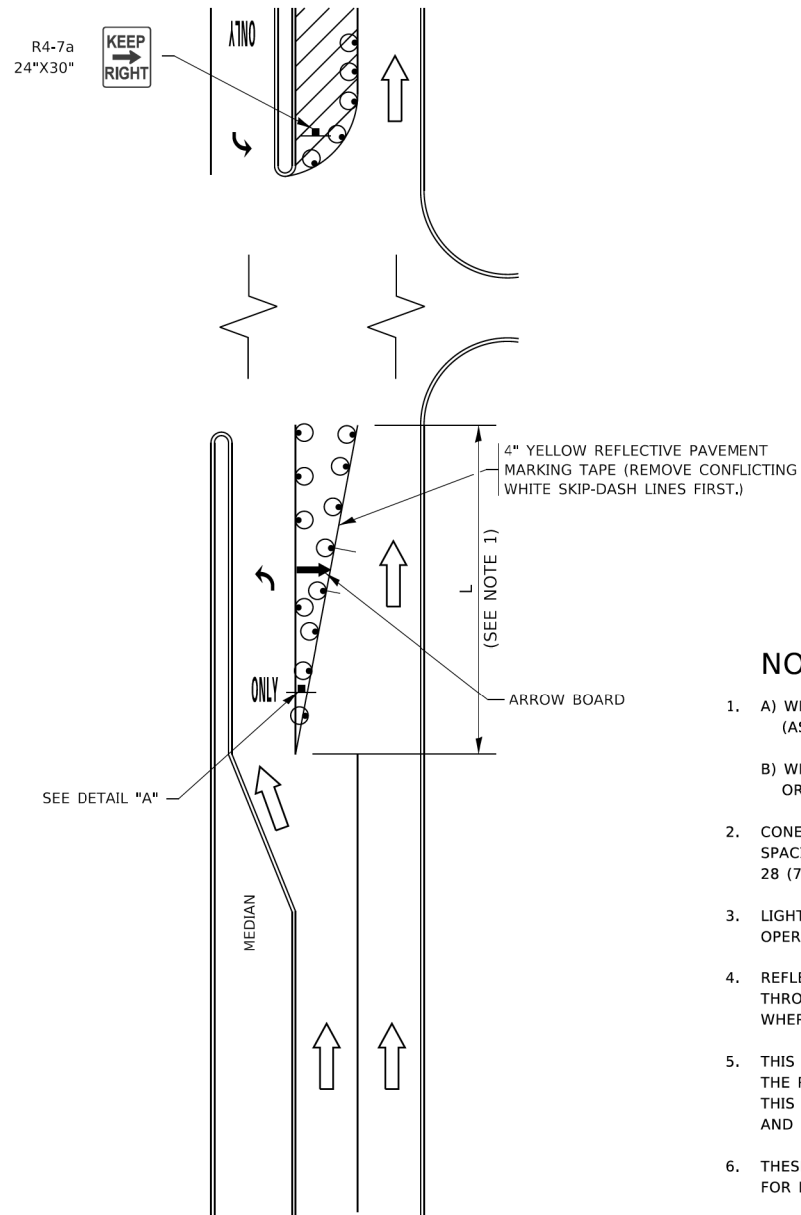


FIGURE 1

LEGEND

	WORK AREA
	LANE OPEN TO TRAFFIC
	ARROW BOARD
	TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
	DRUM WITH STEADY BURN LIGHT
	SIGN ASSEMBLY
	TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

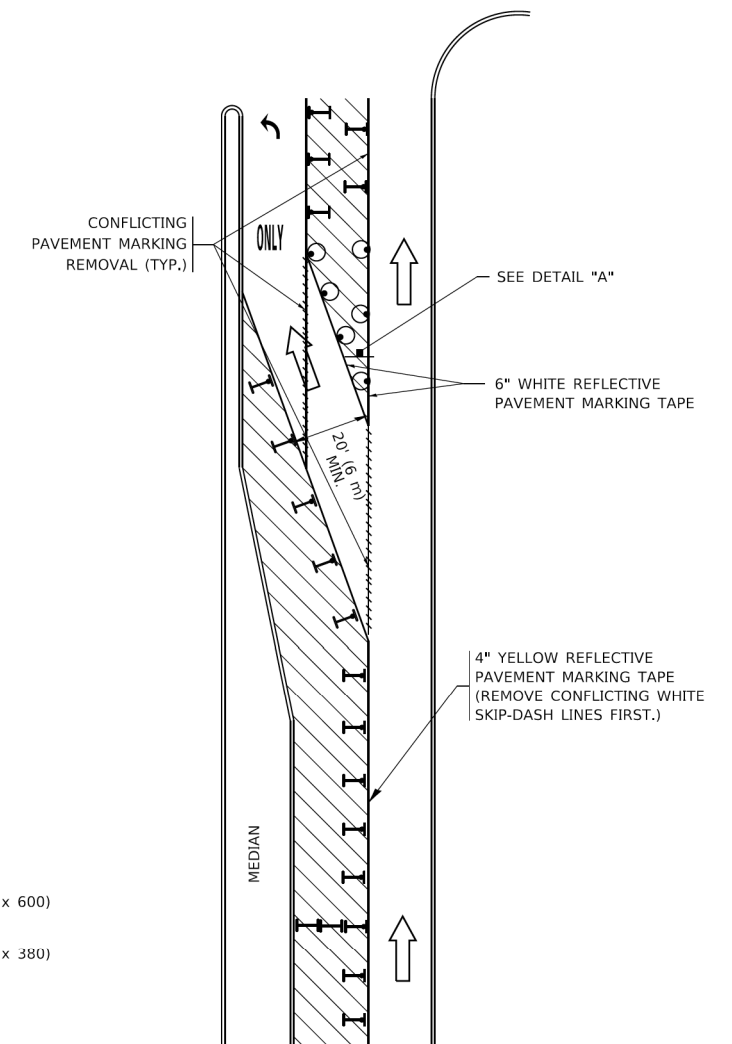
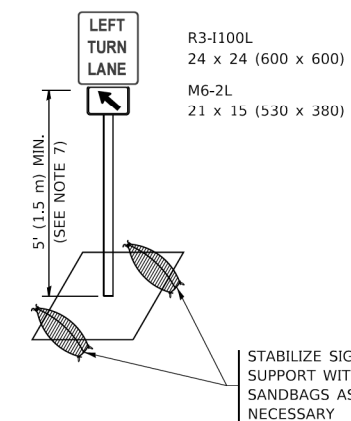


FIGURE 2



DETAIL A

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

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PLOT DATE = 3/4/2019	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-14			
ILLINOIS			CONTRACT NO.	
ILLINOIS			FED. AID PROJECT	

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

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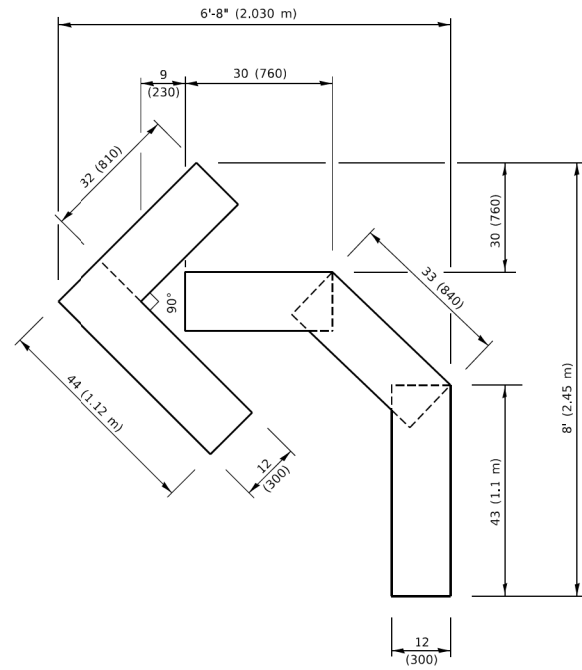
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VILLAGE OF MOUNT PROSPECT

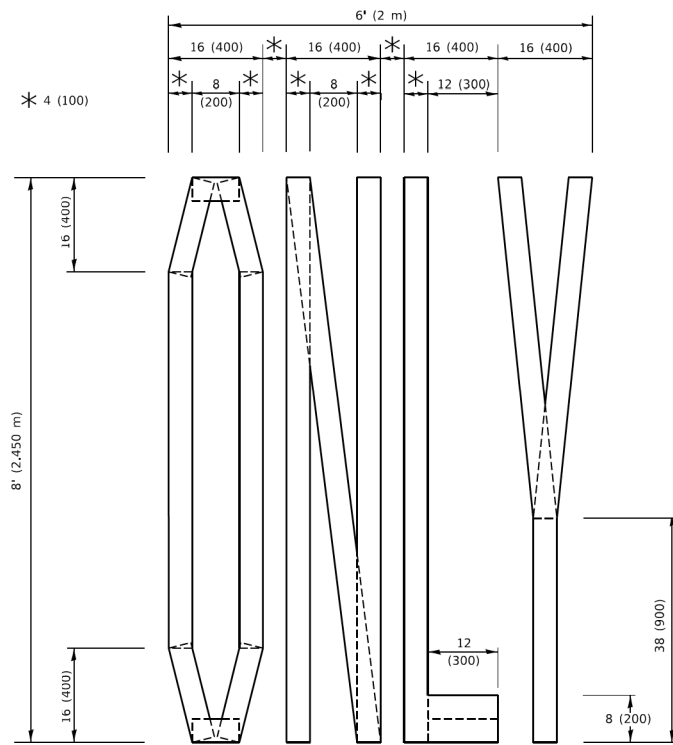
FAIRVIEW GRAVITY SEWER
IDOT DISTRICT ONE DETAIL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	42
ILLINOIS			CONTRACT NO21782.01	
ILLINOIS			FED. AID PROJECT	

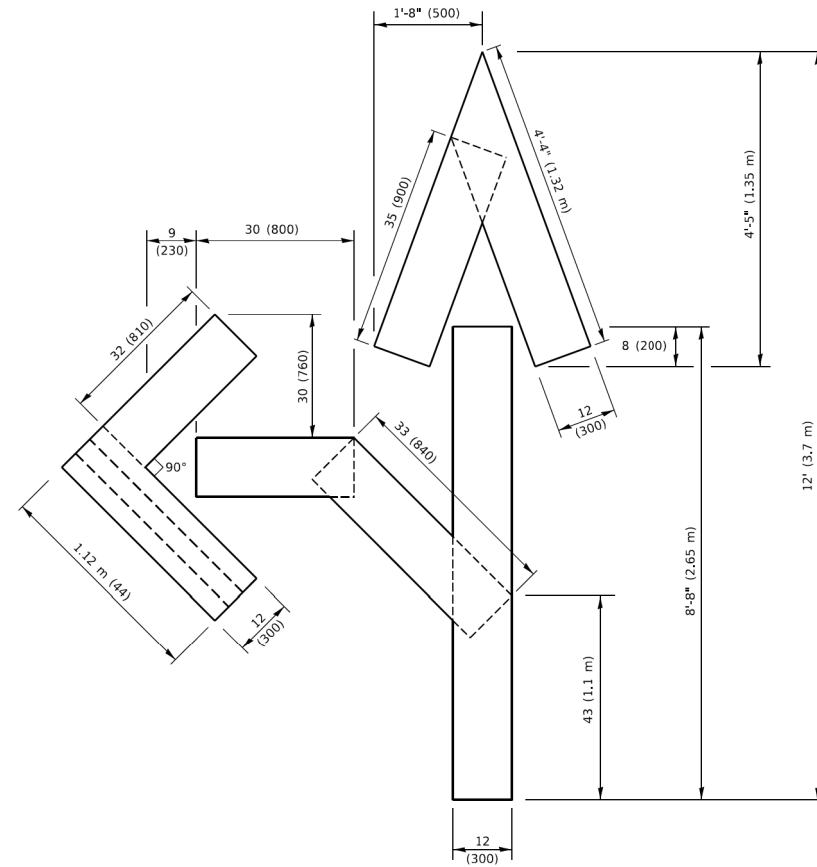
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QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

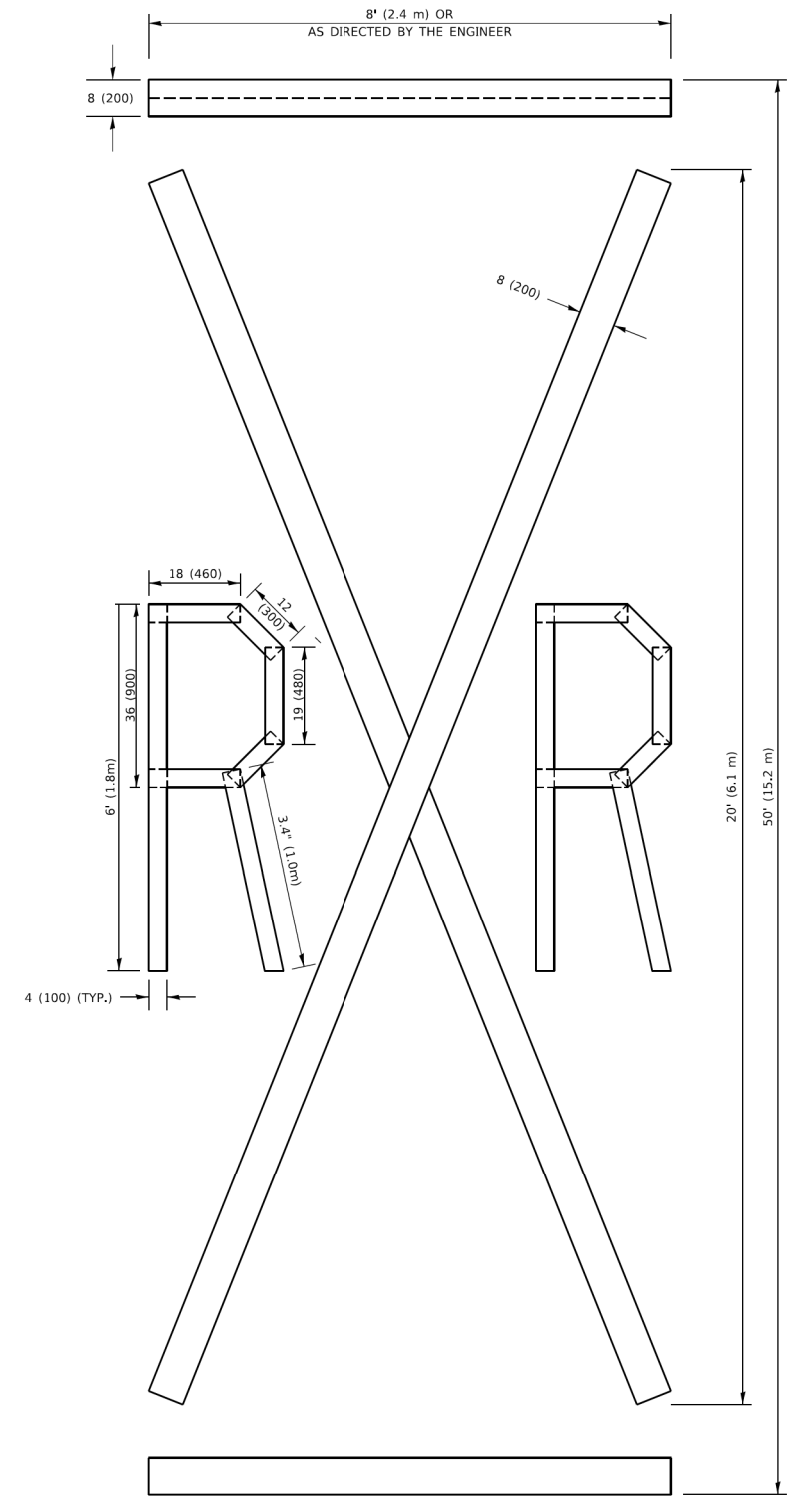


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16			
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

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VILLAGE OF MOUNT PROSPECT

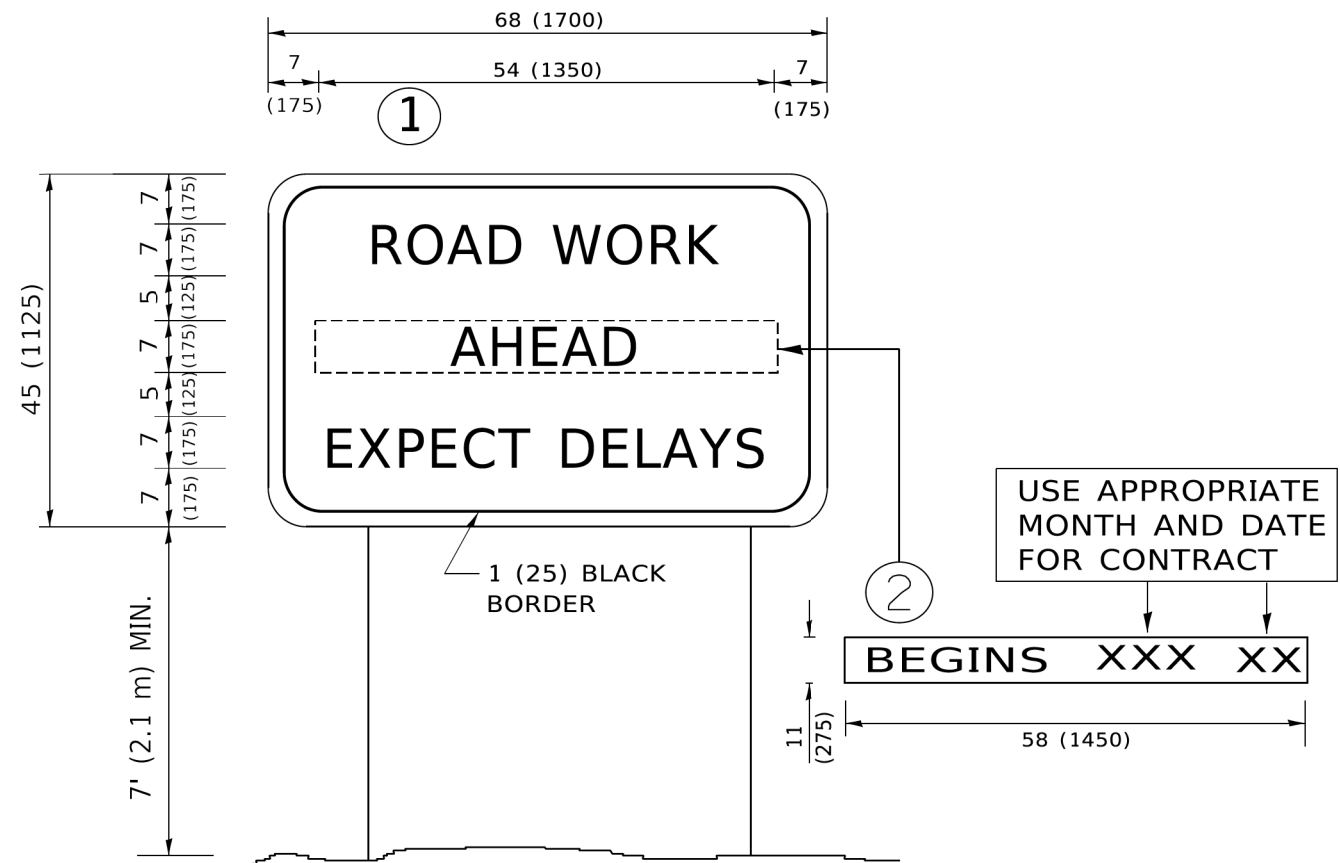
**FAIRVIEW GRAVITY SEWER
 IDOT DISTRICT ONE DETAIL**

SCALE: N.T.S. SHEET NO. 5 OF 6 SHEETS STA. - TO STA. -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	43
ILLINOIS FED. AID PROJECT			CONTRACT NO21782.01	

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NOTES:

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

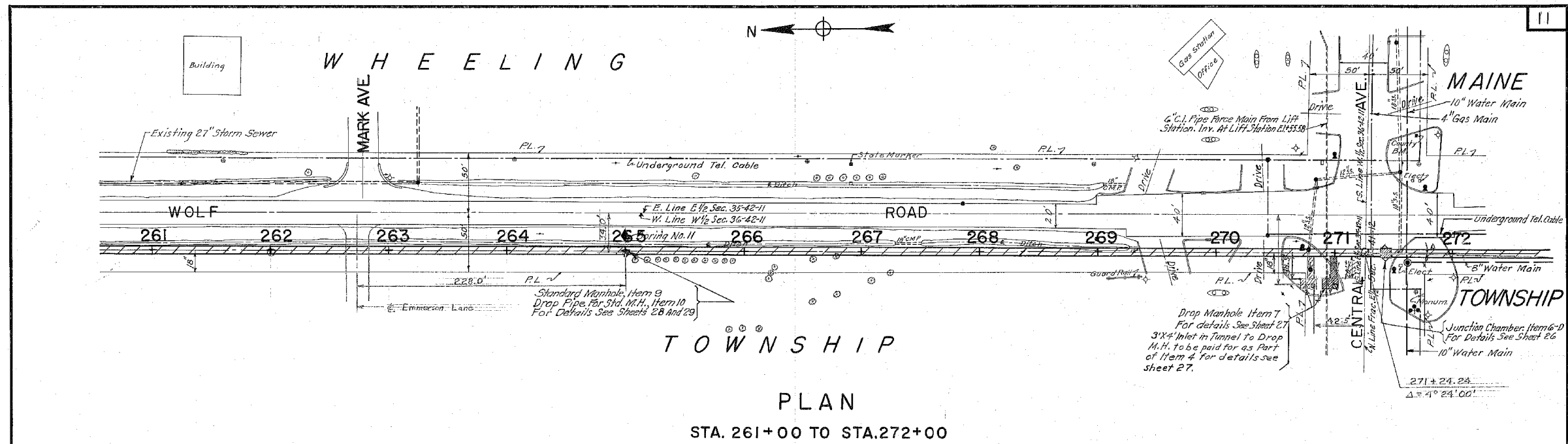
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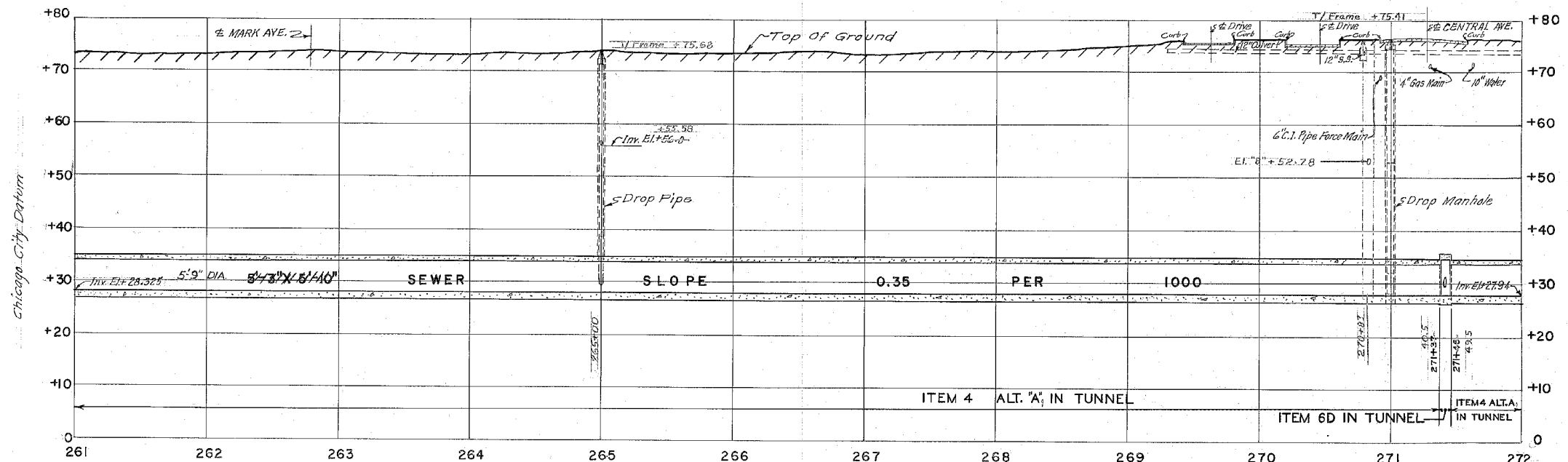
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ARTERIAL ROAD INFORMATION SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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VILLAGE OF MOUNT PROSPECT		FAIRVIEW GRAVITY SEWER IDOT DISTRICT ONE DETAIL		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				CONTRACT NO21782.01				
SCALE: N.T.S.		SHEET NO. 6 OF 6 SHEETS		STA. - TO STA. -		ILLINOIS FED. AID PROJECT		



PLAN
STA. 261+00 TO STA. 272+00



PROFILE
STA. 261+00 TO STA. 272+00

Plan: 1"=40'-0"
Profile: Hor. 1"=40'-0"
Vert. 1"=10'-0"

REVISION OF PLAN		
DATE	DESCRIPTION	BY
2-1-63	Drop M.H. relocated 20' West at Sta. 271+00	L.Z.

APPROVED
JAN 17 1968
AS WORKING PLAN

THE METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO
UPPER DES PLAINES INTERCEPTING SEWER
CONTRACT NO. 14 - A
PLAN AND PROFILE

Corrected by *J. J. [Signature]*
Engr. of Sewer Design
Approved by *[Signature]*
Assistant Chief Engineer
Approved by *[Signature]*
Deputy Chief Engineer
Approved by *[Signature]*
Chief Engineer

SCALES SHOWN ARE
SCALES OF TRACINGS
DECEMBER, 1962
SHEET NO. 11

1194/81639

DRAWN BY *M. Yrarkin*
TRACED BY *P. De Salvo*
CHECKED BY *J. Mir 32*
EXAMINED BY *H. P. Walsh*
Asst. Engr. Sewer Design

Note "A" on Sheet No. 23 applies to this Sheet.
For Conventional Signs See Sheet No. 2.

BUILT AS SHOWN
EXCEPT AS NOTED
G. J. [Signature]
PROJECT ENGINEER

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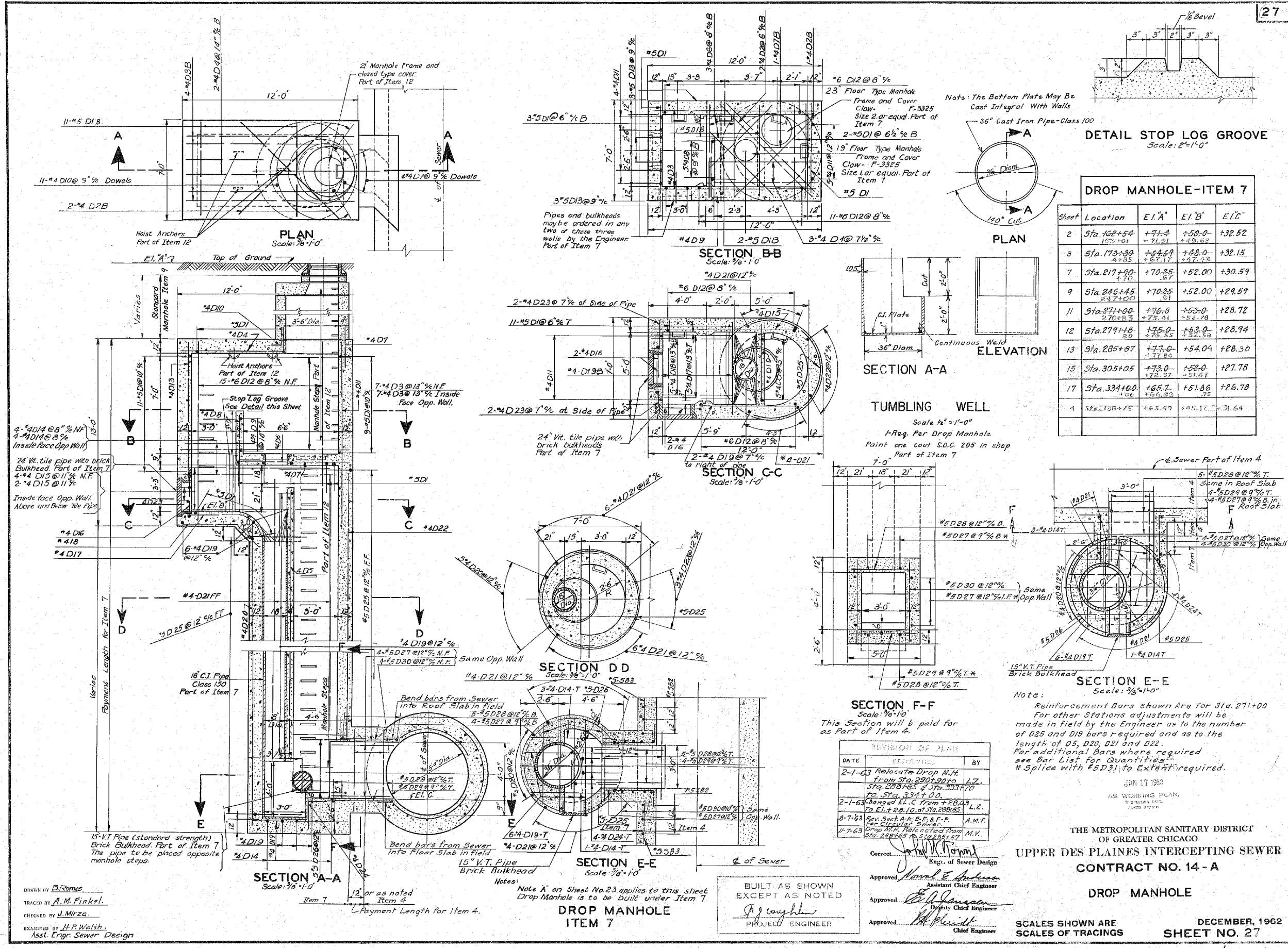
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	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
REFERENCE DRAWINGS

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	45
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				



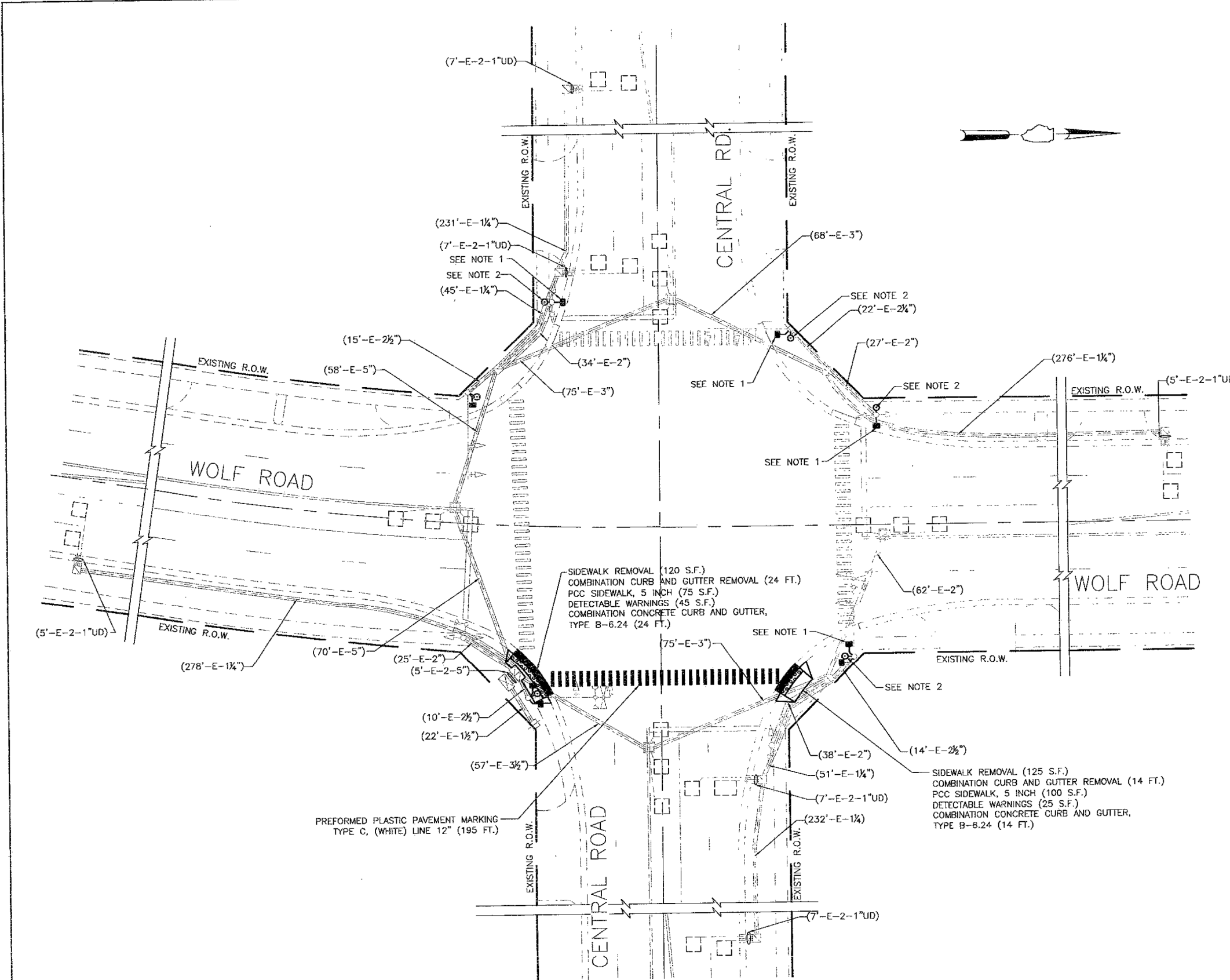
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USER NAME	DESIGNED	REVISIONS
WaterResources	-	-
AM.Finkel	-	-
J.Mirza	-	-
H.P.Walsh	-	-

SCALE	SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N.T.S.	2 OF 3	STA.	COOK	47	46

FAIRVIEW GRAVITY SEWER REFERENCE DRAWINGS
 CONTRACT NO21782.01
 ILLINOIS FED. AID PROJECT

F. & A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	8	3
STA. TO STA.		FED. ROAD DISTRICT ILLINOIS FED. AID PROJECT		



TRAFFIC SIGNAL LEGEND

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

TRAFFIC SIGNAL NOTES

- EXISTING PEDESTRIAN SIGNAL HEADS AT THESE LOCATIONS SHALL BE REMOVED AND REPLACED WITH NEW PEDESTRIAN SIGNAL HEADS WITH L.E.D. INDICATIONS.
- EXISTING PEDESTRIAN PUSH BUTTONS AT THESE LOCATIONS SHALL BE REMOVED AND REPLACED WITH NEW PEDESTRIAN PUSH BUTTONS.

REVISIONS	
NAME	DATE

CITY OF DES PLAINES

TRAFFIC SIGNAL INSTALLATION PLAN

CENTRAL ROAD & WOLF ROAD

SCALE: NOT TO SCALE
DATE: 02/16/2007

DRAWN BY: CEC
DESIGNED BY: BRD
CHECKED BY: JJE

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PLOT DATE = 2/16/2024	CHECKED - EPS	REVISED -
	DATE - 2/18/2024	REVISED -

VILLAGE OF MOUNT PROSPECT

FAIRVIEW GRAVITY SEWER
REFERENCE DRAWINGS

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. - TO STA. -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	47	47
CONTRACT NO21782.01				
ILLINOIS FED. AID PROJECT				