

01-17-2025 LETTING ITEM 142

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION
MINOR COLLECTOR

TRAFFIC DATA
ADT (2019) = 3,300
ADT (2050) = 4,000

POSTED SPEED LIMIT
19TH AVENUE = 25MPH

DESIGN SPEED LIMIT
19TH AVENUE = 30 MPH

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

MUN 2090 (19TH AVENUE)
MADISON AVENUE TO OAK STREET
ROADWAY RECONSTRUCTION
SECTION NO.: 19-00140-00-FP
PROJECT NO.: 90KB(677)
VILLAGE OF MAYWOOD
COOK COUNTY

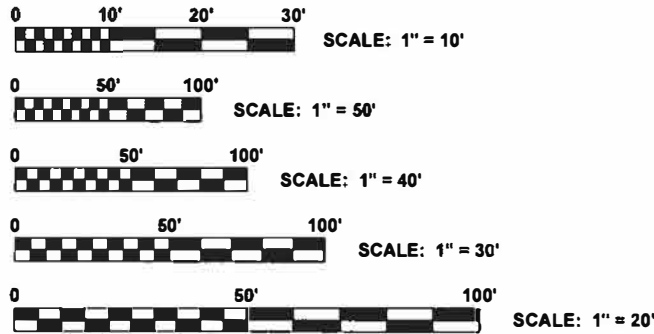
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	19-00140-00-FP	COOK	72	1
ILLINOIS PROJECT C-91-179-21				
SECTION				
CONTRACT NO. 61K87				



LOCATION OF SECTION INDICATED THIS: [Symbol]



Civil Engineers 9933 Roosevelt Road
Municipal Consultants Westchester, IL 60154-2780
Established 1911 Phone: 708-865-0300
www.ehancock.com



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

P (708) 588-4055
E WMOJobStart@mwrdd.org

CONTRACT NO. 61K87

C-91-179-21



SECTION 10, TOWNSHIP 39, RANGE 12
PROVISO TOWNSHIP
LOCATION MAP
NOT TO SCALE

GROSS LENGTH OF IMPROVEMENT = 2,693 FT = 0.510 MI
NET LENGTH OF IMPROVEMENT = 2,312 FT = 0.437 MI

STATE OF ILLINOIS
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED AUGUST 1, 20 24
[Signature]
VILLAGE OF MAYWOOD, PRESIDENT

PASSED NOV 15 20 24
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
[Signature]
REGIONAL ENGINEER

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATER WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS IN TO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE USE BY THE USE BY THE MUNICIPAL ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGES TO ADJOINING PROPERTIES.



SIGNED: [Signature]
DATE: May 28, 2024 LICENSE EXPIRES :11-30-25

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

Drawing file: \\Projects\by_village\maywood\365521744 - 19th Avenue Photos\A01_CDR.dwg Date: 27, 2024 11:00am

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LEGEND OF SYMBOLS

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

EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		POWER POLE			STORM SEWER TO BE REMOVED STORM SEWER PIPE
		GAS VALVE			COMBINATION SEWER PIPE SANITARY SEWER PIPE
		STREET LIGHT			WATER MAIN ELECTRIC LINE
		WATER MAIN BUFFALO BOX			GAS LINE TELEPHONE LINE
		WATER MAIN VALVE BOX			EXISTING STRUCTURE TO BE REMOVED EXISTING STRUCTURE TO BE FILLED
		SPRINKLER			TREE TO BE REMOVED BUSH
		WATER MAIN VALVE VAULT			EXISTING CURB AND GUTTER TO BE REMOVED DIRECTION OF FLOW
		STORM INLET			EARTH EXCAVATION SPECIAL DRAINAGE SUMMIT
		FIRE HYDRANT			NON-SPECIAL WASTE DISPOSAL WATER MAIN VALVE VAULT RIM AND TOP OF PIPE ELEVATION
		EXISTING STRUCTURE TO BE REMOVED			EXISTING CONCRETE SIDEWALK TO BE REMOVED COMBINATION MANHOLE RIM AND INVERT ELEVATION
		EXISTING STRUCTURE TO BE FILLED			EXISTING CONCRETE DRIVEWAY TO BE REMOVED STORM SEWER MANHOLE/CATCHBASIN RIM AND INVERT ELEVATION
		TREE TO BE REMOVED			HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT STRUCTURE TO BE ADJUSTED
		BUSH			PROPOSED CONCRETE PAVEMENT/SIDEWALK TYPE 1 FRAME & CLOSED LID
		TREE			PROPOSED HOT MIX ASPHALT PAVING TYPE 1 FRAME & OPEN LID
		EXISTING CURB AND GUTTER TO BE REMOVED			RECONSTRUCT EXISTING STRUCTURE
		EARTH EXCAVATION SPECIAL			GROUND ELEVATIONS
		NON-SPECIAL WASTE DISPOSAL			CATCH BASINS, TYPE A, 4' DIAMETER, TYPE I FRAME, OPEN LID, SPECIAL
		EXISTING CONCRETE SIDEWALK TO BE REMOVED			CATCH BASINS, TYPE A, 4' DIAMETER, TYPE I FRAME, OPEN LID
		EXISTING CONCRETE DRIVEWAY TO BE REMOVED			INLETS, TYPE A, TYPE I FRAME, OPEN LID
		HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT			MANHOLES, TYPE A, 5' DIAMETER, TYPE I FRAME, CLOSED LID (SPECIAL)
		PROPOSED CONCRETE PAVEMENT/SIDEWALK			
		PROPOSED HOT MIX ASPHALT PAVING			

DISTRICT ONE DETAILS

ARTERIAL ROAD INFORMATION SIGN (TC-22)
BUTT JOINTS AND HMA TAPER DETAILS (BD-32)
DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)
DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
DRIVEWAY ENTRANCE SIGNING (TC-26)
MISCELLANEOUS ELECTRICAL DETAILS SHEET A (BE-702)
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)

STANDARD NO.

000001-08
280001-07
424001-12
424006-06
424011-05
424016-06
424021-07
424026-04
602601-06
701006-05
701011-04
701101-05
701301-04
701311-03
701501-06
701701-10

HIGHWAY STANDARDS DRAWINGS

TITLE OR DESCRIPTION

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
TEMPORARY EROSION CONTROL SYSTEMS
PERPENDICULAR CURB RAMPS FOR SIDEWALKS
DIAGONAL CURB RAMPS
CORNER PARALLEL CURB RAMPS
MID BLOCK CURB RAMPS FOR SIDEWALKS
DEPRESSED CURB
ENTRANCE ALLEY PEDESTRIAN CROSSINGS
PRECAST REINFORCED CONCRETE FLAT SLAB TOP
OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24"(600MM) FROM PAVEMENT EDGE
OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD NO.

701801-06
701901-10
720001-01
720006-04
720011-01
729001-01
780001-05
814001-03
814006-03
821101-03

TITLE OR DESCRIPTION

SIDEWALK, CORNER OR CROSSWALK CLOSURE
TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTING DETAILS
SIGN PANEL ERECTION DETAILS
METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
APPLICATIONS OF TYPES A&B METAL POSTS
TYPICAL PAVEMENT MARKINGS
HANDHOLES
DOUBLE HANDHOLES
LUMINATING WIRING IN POLE

GENERAL NOTES

1. **SSRBC - ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (ILMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", JULY 2014, SEVENTH EDITION.**

2. **UTILITIES - BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).**

THE LOCATIONS OF THE UNDERGROUND UTILITIES IF SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT DATA IS ESSENTIALLY CORRECT, BUT THE VILLAGE OF MAYWOOD, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR WILL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF MAYWOOD.

3. **INCIDENTAL EXCAVATION - DURING THE REMOVAL OF CONCRETE SIDEWALK, DRIVEWAY, CURB AND GUTTER, OR PAVEMENT, THE CONTRACTOR SHALL EXCAVATE AS NECESSARY SO THAT THE REQUIRED THICKNESS OF PROPOSED CONCRETE, INCLUDING BEDDING CAN BE CONSTRUCTED. THE EXCAVATED MATERIAL, AS WELL AS THE BROKEN CONCRETE, SHALL BE DISPOSED OF OFF THE JOB SITE AT A DUMP TO BE FOUND BY THE CONTRACTOR AT HIS OWN EXPENSE. A LOW SUB-GRADE MAY BE BROUGHT TO THE PROPER ELEVATION WITH CRUSHED STONE MEETING A CA-6 GRADATION AS APPROVED BY THE ENGINEER.**

4. **GARBAGE AND EMERGENCY VEHICLES - THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS FOR EMERGENCY VEHICLES AND GARBAGE TRUCKS AT ALL TIMES. IF THE GARBAGE TRUCKS ARE NOT ABLE TO HAVE ACCESS TO ALL OF THE PROPERTIES WITHIN THE PROJECT LIMITS, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING ANY GARBAGE THAT IS AFFECTED IN A LOCATION WHERE THE GARBAGE TRUCKS CAN PICK IT UP. THE CONTRACTOR SHALL ALSO BE REQUIRED TO RETURN THE GARBAGE CANS TO THE PARKWAY OF THE RESPECTIVE PROPERTY BY THE END OF THE DAY.**

5. **SAW-CUTTING - THIS WORK SHALL BE DONE WHERE ANY NEW PAVEMENT, CURB AND GUTTER, FRAMES AND GRATES, STRUCTURES, SIDEWALKS, OR DRIVEWAYS ABOUT EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALKS, OR DRIVEWAYS OR AS DIRECTED BY THE ENGINEER.**

FRAMES AND LIDS TO BE ADJUSTED AS PART OF THE CONTRACT SHALL BE SAW CUT PRIOR TO BREAKING PAVEMENT AROUND THEM TO COMPLETE THE ADJUSTMENT.

6. **ITEMS TO BE SALVAGED - ALL FRAMES AND LIDS, WATER VALVES, VALVE BOXES, AND FIRE HYDRANTS WHICH ARE TO BE ABANDONED DUE TO THE CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF MAYWOOD. THE CONTRACTOR IS TO DELIVER THE ITEMS TO BE SALVAGED TO THE VILLAGE OF MAYWOOD PUBLIC WORKS YARD.**

7. **LINES AND GRADES - ALL WORK UNDER THIS CONTRACT SHALL BE BUILT IN ACCORDANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS AND AS GIVEN BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE MATERIALS, SUCH AS STAKES, PAINT, AND GIVE SUCH ASSISTANCE AS MAY BE REQUIRED FOR SETTING LINE AND GRADE BOARDS, AND STAKES OR MARKS SO GIVEN SHALL BE CAREFULLY PRESERVED. THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED A REASONABLE TIME IN ADVANCE, AT LEAST FORTY-EIGHT (48) HOURS, AS TO HIS NEED FOR ADDITIONAL GRADES AND LINES IN ORDER THAT THE SAME MAY BE FURNISHED AND ALL NECESSARY MEASUREMENTS MADE FOR RECORD AND PAYMENT WITH THE MINIMUM OF INCONVENIENCE TO THE ENGINEER OR OF DELAY TO THE CONTRACTOR.**

8. **STRUCTURES ENCOUNTERED - THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR DAMAGE TO WATER LINES, ELECTRIC CONDUITS AND LINES, EXISTING STRUCTURES, DRAINS, SIDEWALKS, CURBS, FENCES, TREES, CULVERTS, AND OTHER STRUCTURES OF ANY KIND AND SHALL BE LIABLE FOR DAMAGES TO PUBLIC AND PRIVATE PROPERTY, EXCEPT WHERE THESE ITEMS ARE TO BE REMOVED AND REPLACED AS CALLED FOR ON THE SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.**

9. **UNAUTHORIZED EXCAVATION - IF THE BOTTOM OF ANY EXCAVATION IS REMOVED BEYOND THE LIMITS DIRECTED, IT SHALL BE BACKFILLED AND COMPACTED TO THE PROPER GRADE WITH A MATERIAL SUITABLE TO THE ENGINEER.**

10. **MAINTENANCE OF WORK SITE - THE CONTRACTOR SHALL KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE, AND SHALL REMOVE SAME FROM ANY PORTION OF THE SITE, IF, IN THE OPINION OF THE ENGINEER, SUCH MATERIAL, DEBRIS, OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE IN ANY WAY TO THE PUBLIC. THE CONTRACTOR SHALL REMOVE ALL MACHINERY, MATERIALS, BARRICADES, STAGING, FALSE-WORK, DEBRIS AND RUBBISH CONNECTED WITH, OR CAUSED BY SAID WORK, IMMEDIATELY UPON THE COMPLETION OF THE SAME AND SHALL CLEAN ALL STRUCTURES AND WORK CONSTRUCTED UNDER THE CONTRACT TO THE SATISFACTION OF THE ENGINEER AND LEAVE THE PREMISES IN AN APPROVED CONDITION INSOFAR AS AFFECTED BY THE WORK UNDER THIS CONTRACT.**

WHEN DURING THE CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS AND DRAINAGE STRUCTURE SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEAN AND FREE OF ALL OBSTRUCTIONS DUE TO CONSTRUCTION OPERATIONS.

11. **PROTECTION OF PAVEMENT - WHENEVER THE PROPOSED CONSTRUCTION IS LOCATED ADJACENT TO OR ACROSS AN EXISTING PAVEMENT STRUCTURE SUCH AS CURB AND GUTTER, SIDEWALK AND DRIVEWAY PAVEMENT, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND PROTECT ALL PAVEMENTS NOT DESIGNATED FOR REMOVAL. TRENCH WIDTH SHALL BE CONTROLLED TO LIMIT THE EXTENT OF REMOVAL WITHIN THE BOUNDS ESTABLISHED BY THE ENGINEER. REMOVAL BEYOND THE DEFINED LIMITS SHALL BE AT THE CONTRACTOR'S COST, UNLESS AUTHORIZED IN WRITING BY THE ENGINEER. DAMAGE TO ADJACENT PAVEMENT STRUCTURES TO REMAIN SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.**

12. **RESTORATION OF PROPERTY - THE CONTRACTOR SHALL RESTORE OR REPLACE ALL PAVEMENTS, STRUCTURES, OR OTHER PROPERTY DAMAGED BY CONSTRUCTION ACTIVITIES TO THE CONDITION THAT EXISTED IMMEDIATELY PRIOR TO THE START OF THE WORK. ALL FENCES AND OTHER STRUCTURES IN THE VICINITY OF THE WORK SHALL BE PROTECTED AND IF DAMAGED SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. ALL TREES SHALL BE SATISFACTORILY PROTECTED BY BOXES OR BOARDS.**

TREE BRANCHES AND ROOTS SHALL NOT BE CUT EXCEPT BY PERMISSION OF THE ENGINEER. ALL CUTTING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER. SHRUBS AND BUSHES, WHICH LIE WITHIN THE CONSTRUCTION ACTIVITY, MAY BE DUG UP, TEMPORARILY MOVED, AND REPLANTED IN THEIR ORIGINAL LOCATIONS IF PERMITTED BY THE ENGINEER. IF THE PLANTS ARE DAMAGED OR DO NOT SATISFACTORILY GROW AFTER REPLANTING, THEY SHALL BE REPLACED BY THE CONTRACTOR, WITH PLANTS OF SAME KIND AND SIZE.

13. **UNSUITABLE MATERIAL - IF MATERIAL IS FOUND WHICH IN THE OPINION OF THE ENGINEER IS UNSUITABLE AS A SUB BASE, IT SHALL BE REMOVED AND A MATERIAL SELECTED BY THE ENGINEER SHALL BE INSTALLED AND COMPACTED.**

14. **MISCELLANEOUS ADJUSTMENTS - THE ADJUSTMENT OF ANY PUBLIC UTILITY VALVE BOXES OR STRUCTURES WITHIN THE PROJECT LIMITS SHALL BE DONE BY PERSONNEL OF THE RESPECTIVE PUBLIC UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY OF THE REQUIRED WORK AND COORDINATING THESE ACTIVITIES WITH HIS OWN SCHEDULE OF CONSTRUCTION. THIS SHALL NOT APPLY TO VILLAGE BUFFALO BOXES, VALVE BOXES OF VILLAGE OWNED FRAMES**

15. **CLEANING OF DRAINAGE STRUCTURES - ALL DRAINAGE STRUCTURES LOCATED WITHIN THE GUTTER PORTIONS OF THE COMBINATION CURB AND GUTTER ON ALL STREETS BEING IMPROVED SHALL BE CLEANED OF ALL CONSTRUCTION MATERIALS AND EXISTING DEBRIS AND SEDIMENT PRIOR TO THE ACCEPTANCE OF THE WORK PERFORMED ON THE PROJECT.**

16. **VILLAGE WATER USAGE - THE VILLAGE REQUIRES THE USE OF A WATER METER FOR ALL CONTRACTORS THAT NEED ACCESS TO A VILLAGE FIRE HYDRANT. THE WATER METERS ARE AVAILABLE AT THE VILLAGE OF MAYWOOD PUBLIC WORKS BUILDING. THE CONTRACTOR WILL BE REQUIRED TO PLACE A DEPOSIT PRIOR TO BEING ISSUED A WATER METER. THE DEPOSIT IS REFUNDABLE, UPON THE RETURN OF THE WATER METER, IN ITS ORIGINAL CONDITION.**

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE AN APPROVED HYDRANT OPERATING WRENCH WHEN OPENING AND CLOSING ANY FIRE HYDRANTS. THE USE OF A PIPE WRENCH IS NOT ALLOWED IF THE CONTRACTOR IS OBSERVED TAKING WATER FROM THE VILLAGE'S WATER SYSTEM WITHOUT A WATER METER OR WRITTEN PERMISSION FROM THE PUBLIC WORKS DIRECTOR TO DO SO, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN WATER FROM A DIFFERENT SOURCE.

17. **VILLAGE STREET SIGNS ON POSTS - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE, STORE IN A PROTECTED LOCATION, AND THEN RESET ALL STREET SIGNS ON POSTS ENCOUNTERED WITHIN THE BOUNDARIES OF THIS PROJECT. THE CONTRACTOR SHALL ALSO BAG ANY REGULATORY SIGNS THAT WILL NOT BE IN EFFECT DURING CONSTRUCTION AND PROVIDE TEMPORARY SIGNAGE FOR ANY ADJUSTMENT TO EXISTING TRAFFIC PATTERNS OR PARKING LIMITATIONS.**

18. **SOIL BORING - SOIL BORINGS HAVE NOT BEEN TAKEN ALONG THE ROUTE OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL VERIFY SUBSURFACE SOIL CONDITIONS TO HIS SATISFACTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL RESPONSIBILITY FOR MEETING AND OVERCOMING ALL SOIL CONDITIONS, INCLUDING ROCK, HARDPAN, ISOLATED BOULDERS, SATURATED SOIL, RUNNING SAND, OR OTHER MATERIAL THAT IS ENCOUNTERED.**

19. **NIGHT, SUNDAY, AND HOLIDAY WORK - IF IT IS FOUND NECESSARY TO CONTINUE THE WORK AT NIGHT, ON SUNDAY OR LEGAL HOLIDAYS, THE CONTRACTOR WILL BE CHARGED FOR THE ENGINEERING AND INSPECTION AT SUCH TIMES AT RATES DESCRIBED IN THE SPECIFICATIONS UNDER THE HEADING OF OVERTIME ENGINEERING.**

20. **PUBLIC ACCESSIBILITY - THE DEPARTMENT RESERVES THE RIGHT TO REMEDY ANY NEGLIGENCE ON THE PART OF THE CONTRACTOR AS REGARDS THE PROTECTION OF THE WORK AFTER TWENTY-FOUR (24) HOURS' NOTICE IN WRITING; EXCEPT IN CASES OF EMERGENCY WHEN IT SHALL HAVE THE RIGHT TO REMEDY ANY NEGLIGENCE WITHOUT NOTICE, AND IN EITHER CASE TO DEDUCT THE COST OF SUCH REMEDY FROM ANY MONEY DUE OR TO BECOME DUE THE CONTRACTOR.**

21. **WORKING HOURS - CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7AM AND 7PM MONDAY THROUGH FRIDAY AND 8AM TO 5PM ON SATURDAYS, PER THE VILLAGE OF MAYWOOD MUNICIPAL ORDINANCES.**

22. **NOTIFICATION OF RESIDENTS - THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS TWENTY-FOUR (24) HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION ACTIVITY THAT WILL AFFECT ACCESS TO THEIR PROPERTY AND AN ADDITIONAL NOTICE TWENTY-FOUR (24) HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION ACTIVITY ON THEIR RESPECTIVE SECTION OF ROADWAY. ALL NOTICES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE.**

23. CONSTRUCTION OPERATIONS

CONSTRUCTION WORK SHALL FOLLOW THE PROPOSED MAINTENANCE OF TRAFFIC PLAN STAGING.

TEMPORARY AGGREGATE STONE SHALL BE USED TO PROVIDE ACCESS FOR VEHICLES AND PEDESTRIANS AS DIRECTED BY THE ENGINEER.

EQUIPMENT AND MATERIALS SHALL BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS STORAGE WILL BE DONE SO AS APPROVED BY THE ENGINEER.

WHEN CONSTRUCTION WORK IS IN PROGRESS ON WEST SIDE OF STREET, ON STREET RESIDENTIAL PARKING WILL BE ALLOWED ON THE EAST OF THE STREET. THE CONTRACTOR WILL BE REQUIRED TO BAG EXISTING NO PARKING SIGNS TO ALLOW FOR ON STREET PARKING TO OCCUR.

CONSTRUCTION WORK ON WARREN STREET WILL NOT BE ALLOWED DURING THE HOURS OF 9AM TO 2PM. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE THOSE HOURS.

TEMPORARY ASPHALT SHALL BE USED TO CAP ANY UTILITY TRENCHES THAT CROSS 19TH AVENUE. THIS WORK SHALL BE COMPLETED BEFORE THE ROADWAY IS OPENED TO TRAFFIC AT THE END OF THE DAY.

CONCRETE GENERAL NOTES

1. **FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS, AND GUTTER FLAGS - NO METAL FORMS WILL BE ALLOWED EXCEPT. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.**

2. **PROTECTION OF NEWLY POURED CONCRETE - ALL CONCRETE CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR TO PREVENT ACCIDENTAL OR PRE-MEDITATED DAMAGE. SUPERVISION OF FRESHLY POURED AREAS SHALL BE PROVIDED UNTIL THE MATERIAL HAS ADEQUATELY CURED. THE CONTRACTOR SHALL KEEP EMPLOYEES AT THE JOB SITE AFTER THE CONCRETE HAS BEEN POURED UNTIL IT HAS CURED SUFFICIENTLY SO THAT GRAFFITI CAN NOT BE INSCRIBED IN THE NEWLY POURED CONCRETE SURFACES. ANY CONCRETE ITEMS THAT ARE DEFACED SHALL BE REPLACED BY THE CONTRACTOR.**

3. **BITUMINOUS EXPANSION JOINTS - THREE-QUARTER INCH (3/4") NOMAFLEX EXPANSION JOINTS SHALL BE INSTALLED WHERE NEW SIDEWALK OR CURB AND GUTTER OR DRIVEWAY PAVEMENT ABUTS AN EXISTING CONCRETE WALK, DRIVE, OR CURB WHICH IS TO REMAIN IN PLACE, AND AT NOT LESS THAN SEVENTY-FIVE FEET (75') INTERVALS AT LOCATIONS WHERE SIDEWALK REPLACEMENT IS IN EXCESS OF SEVENTY-FIVE FEET (75'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.**

EXPANSION JOINTS WILL BE PLACED IN CURB AND GUTTER AT ALL RADIUS POINTS, ALL BEND POINTS, ON BOTH SIDES OF FRAMES AND GRATES THAT ARE IN THE CURB AND GUTTER, AND AT NOT LESS THAN NINETY FOOT (90') INTERVALS AT LOCATIONS WHERE CURB REPLACEMENT IS IN EXCESS OF NINETY FEET (90'), AND AT LOCATIONS AS DIRECTED BY THE ENGINEER.

ALL EXPANSION JOINTS LOCATED IN THE CURB AND GUTTER SHALL HAVE TWO (2) THREE QUARTER INCH (3/4") DIAMETER, SMOOTH, ROUND, EPOXY COATED DOWEL BARS, EIGHTEEN INCHES (18") IN LENGTH, WITH PLASTIC END CAPS INSERTED TO ALLOW THE CURB AND GUTTER TO EXPAND AND CONTRACT LATERALLY.

4. **SIDEWALK AND CURB AND GUTTER REPLACEMENT - LOCATIONS OF SIDEWALK AND CURB AND GUTTER REPLACEMENT ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION.**

5. **DEPRESSED CURBS - THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED AT HANDICAP ACCESSIBLE SIDEWALK RAMPS AT ALLEY RETURNS AND STREET INTERSECTIONS, AND FOR PRIVATE AND COMMERCIAL DRIVES AND AS DIRECTED BY THE ENGINEER**

6. **DRAINAGE OPENINGS - AT ALL LOCATIONS WHERE CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 3/4" EXPANSION JOINT SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5 FT. FROM EACH SIDE OF THE CASTING. 2-NO. 4 RE-BARS, 9' IN LENGTH, SHALL BE INCORPORATED IN THE CONTINUOUS PORTION OF CONCRETE CURB BEHIND THE CASTING.**





7. **DETECTABLE WARNINGS - DETECTABLE WARNINGS SHALL BE INSTALLED AT HANDICAP ACCESSIBLE SIDEWALK RAMPS, AT ALLEY RETURNS, AND STREET INTERSECTIONS. THESE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE IDOT STANDARDS.**

8. **SLIPFORM CONSTRUCTION - VERTICAL FACES MAY BE BATTERED AT THE RATE OF 3/4" PER FOOT OF HEIGHT TO AID IN SLIPFORM OPERATIONS. THE PROPOSED CURB HEIGHT IS VARIABLE.**

9. **DEPRESSED CURB HEIGHT - THE HEIGHT OF THE DEPRESSED CURB SHALL BE 1-1/2" AT DRIVEWAYS. SEE IDOT STANDARD 424001-05 FOR HEIGHT AT SIDEWALK RAMP.**

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

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DESIGNED -	RP	REVISED -	
DRAWN -	SRB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	06-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	3
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.I.E. PROJECT NO. 666-21-244

SEWER AND WATER GENERAL NOTES

1. **INSPECTION OF PIPE AND ACCESSORIES** - ANY DEFECTIVE, DAMAGED OR UNSOUND MATERIAL SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. ALL FOREIGN MATTER OR DIRT SHALL BE INSPECTED FOR DEFECTS PRIOR TO LOWERING INTO POSITION IN THE TRENCH. PIPE SHALL BE KEPT CLEAN BY MEANS APPROVED BY THE ENGINEER DURING AND AFTER LAYING.
2. **TRENCH EXCAVATION** - THE TRENCH SHALL BE DUG TO THE REQUIRED ALIGNMENT AND DEPTH SHOWN ON THE DRAWINGS OR AS SUBSEQUENTLY APPROVED IN WRITING BY THE ENGINEER, AND ONLY SO FAR IN ADVANCE OF PIPE LAYING AS PERMITTED BY THE ENGINEER. THE CONTRACTOR WILL BE REQUIRED TO HANDLE EXCAVATED MATERIAL CAREFULLY TO MINIMIZE THE ACCUMULATION ON EXISTING PAVED SURFACES. WHEREVER POSSIBLE THE EXCAVATED MATERIAL SHOULD BE DIRECTLY LOADED INTO A WAITING TRUCK FOR DIRECT DISPOSAL. THE CONTRACTOR WILL CLEAN ALL PAVEMENT AREAS TO THE SATISFACTION OF THE ENGINEER.
3. **EXCAVATION NEAR EXISTING STRUCTURES** - ALL EXISTING PIPES, CONDUITS, CABLES, POLES, PAVEMENTS, AND OTHER STRUCTURES NOT DESIGNATED TO BE REMOVED BY THE CONTRACT DOCUMENTS ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. THE TEMPORARY SUPPORT, PROTECTION, AND MAINTENANCE OF THE STRUCTURES, SHALL BE FURNISHED BY THE CONTRACTOR AT HIS OWN EXPENSE. WHERE THE GRADE OR ALIGNMENT OF THE PIPE IS OBSTRUCTED BY EXISTING UTILITY STRUCTURES SUCH AS CONDUITS, DUCTS, PIPES, BRANCH CONNECTIONS TO MAIN SEWERS, OR MAIN DRAINS, THE OBSTRUCTION SHALL BE PERMANENTLY SUPPORTED, RELOCATED, REMOVED, OR RECONSTRUCTED BY THE CONTRACTOR IN COOPERATION WITH THE OWNERS OF SUCH UTILITY STRUCTURES. WHENEVER NECESSARY TO DETERMINE THE LOCATION OF EXISTING UNDERGROUND UTILITY STRUCTURES, THE CONTRACTOR, AFTER AN EXAMINATION OF AVAILABLE RECORDS, SHALL MAKE ALL EXPLORATIONS AND EXCAVATIONS FOR SUCH PURPOSE AS MAY BE DIRECTED BY THE ENGINEER.
4. **CUTTING PIPE** - ALL PIPES SHALL BE CUT TO ITS REQUIRED LENGTH IN THE FIELD BY A POWERED MECHANICAL ROTARY SAW AND THE EXPOSED END GROUND BY A MECHANICAL GRINDING TOOL TO A SMOOTH BEVELED FINISH.
5. **CONTROL OF SEWER FLOWS** - IN AREAS WHERE SECTIONS OF SEWER ARE TO BE REPLACED, THE CONTRACTOR SHALL TAKE CARE TO MANAGE FLOWS CARRIED BY THE PIPELINE, WITHOUT RISK TO THE PROJECT AS TO PUBLIC HEALTH AND SAFETY. ALL COSTS ASSOCIATED WITH PUMPING, DAMMING, OR OTHERWISE CONTROLLING THE SEWER FLOW SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AS TO MAINTAIN AT ALL TIMES FLOW THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. THEY SHALL ALSO PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT IF NECESSARY AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER COLLECTED IN A SAFE MANNER WITHOUT DAMAGE OF ANY KIND TO ADJACENT PROPERTIES. THE ENDS OF EXISTING DRAINAGE LINES WHICH ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS.

6. **EXPLORATORY EXCAVATION** - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ELEVATION OF EXISTING WATER MAINS, GAS MAINS, TELEPHONE DUCTS, AND OTHER PUBLIC UTILITIES WHICH ARE TO BE CROSSED WITH THE PROPOSED SEWER A SUFFICIENT LENGTH AHEAD OF PIPE LAYING OPERATIONS SO THAT THE PROPOSED SEWER MAIN CAN BE INSTALLED AT AN ELEVATION WHICH WILL AVOID CONFLICTS WITH THE EXISTING UTILITIES WITHOUT REQUIRING THE USE OF BENDS AND/OR FITTINGS ON THE PROPOSED SEWER. THE ENGINEER SHALL ASSIST THE CONTRACTOR BY DETERMINING THE ELEVATION OF THE EXISTING UTILITY ONCE IT HAS BEEN EXPOSED BY THE CONTRACTOR.
7. **MATERIALS** - THE CONTRACTOR SHALL VERIFY THE TYPE OF ALL SEWER PIPE MATERIALS AND WATER MAIN HARDWARE INCLUDING VALVES, FIRE HYDRANTS, VALVE BOXES, CORPORATION STOPS, CURB STOPS, AND WATER SERVICES BOXES WITH THE ENGINEER PRIOR TO ORDERING SUCH MATERIAL.
8. **FRAMES AND LIDS** - THE TYPE OF FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLES LISTED IN THE SUMMARY OF QUANTITIES MAY BE FOUND ON THE PLANS AT THEIR RESPECTIVE LOCATIONS. WHERE LIDS ARE CALLED FOR ON THE PLANS, THEY SHALL BE IN ACCORDANCE WITH ARTICLE 604.01 OF THE STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.

THE WORD "WATER", "SANITARY", OR "STORM" SHALL BE CAST INTO THE LID OF EACH RESPECTIVE MANHOLE OR VALVE VAULT.

9. DUCTILE IRON PIPE SPECIFICATIONS

ALL DUCTILE IRON PIPE WATER MAINS AND SEWER MAINS SHALL BE CLASS 52, CEMENT-LINED AND TAR-COATED, MEETING THE REQUIREMENTS OF SPECIFICATIONS ANS/AWWA C151/A21.51 WITH "PUSH-ON" JOINTS MEETING THE REQUIREMENTS OF SPECIFICATIONS ANS/AWWA C111/A21.11. WHERE SPECIFIED ON THE PLANS, OR IN THE SPECIFICATIONS, MECHANICAL JOINTS AND "LOCK-TYPE" JOINTS SHALL BE USED IN LIEU OF "PUSH-ON" JOINTS.

ALL PIPE FITTINGS AND SPECIAL CASTINGS SHALL BE DUCTILE IRON CONFORMING TO ANS/AWWA C153/A21.53 AND ANS/AWWA C111/A21.11 SPECIFICATIONS AND SHALL MEET THE MINIMUM REQUIREMENTS OF CLASS 150 DUCTILE IRON PIPE. IF CERTAIN FITTINGS ARE NOT MANUFACTURED IN DUCTILE IRON, CAST IRON FITTINGS SHALL BE ACCEPTABLE. MECHANICAL JOINT TYPE FITTINGS SHALL BE USED.

ALL PROPOSED DUCTILE IRON PIPE WATER MAIN AND SEWER MAIN WILL BE ENCASED WITHIN FOUR (4) MIL THICK, HIGH-DENSITY POLYETHYLENE TUBING. ALL FITTINGS SHALL BE ENCASED IN A DOUBLE-LAYER OF POLYETHYLENE TUBING. THE POLYETHYLENE MATERIAL SHALL BE MANUFACTURED AND INSTALLED IN COMPLIANCE WITH ANS/AWWA C105/A21.5. ALL PROPOSED WATER AND SEWER SERVICES SHALL BE ENCASED IN POLYETHYLENE TUBING FOR A MINIMUM DISTANCE OF THREE FEET (3') FROM THE PROPOSED WATER MAIN AND SEWER MAIN.

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

11. **CONNECTION OF DISSIMILAR PIPE MATERIALS**- FLEXIBLE, NON-SHEAR CONNECTORS SHALL BE USED WHERE NEW SEWER PIPES ARE TO BE CONNECTED TO EXISTING SEWER PIPES. THE FLEXIBLE CONNECTORS SHALL CONSIST OF A SYNTHETIC RUBBER SLEEVE, WHICH WILL RESIST DETERIORATION CAUSED BY WASTES FOUND IN SEWERS AND A STAINLESS STEEL SLEEVE. THE CONNECTORS SHALL BE "MISSION" COUPLINGS OR "FERNCO" COUPLINGS.
12. **THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, COMBINED SEWERS, TELEPHONE LINES, COMMUNICATION LINES, ELECTRIC LINES, GAS MAINS, AND WATER SERVICES ARE APPROXIMATE AND THEIR SPECIFIC LOCATIONS ARE TO BE DETERMINED IN THE FIELD.**
13. **WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINAGE STRUCTURES OR SEWERS UNTIL PERMANENT CONNECTIONS TO SEWERS ARE BUILT AND IN SERVICE.**
14. **IF, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS ARE DEPOSITED IN THE FLOW LINES OF GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE OBSTRUCTING MATERIALS SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES ARE TO BE FREE OF ALL DIRT, DEBRIS, AND OBSTRUCTING MATERIALS.**
15. **ALL PROPOSED WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", SEVENTH EDITION, DATED 2014, AND ALL REVISIONS THERETO.**
16. **ANY COSTS FOR SHEETING OR SHORING REQUIRED FOR THE STORM SEWER INSTALLATION OR OTHER CONSTRUCTION ELEMENTS REQUIRING RELATIVELY DEEP EXCAVATIONS SHALL BE INCLUDED IN THE PARTICULAR PAYMENT ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY SUPPLEMENTAL WORK ASSOCIATED WITH THE MAINTENANCE OF TRENCH SIDES OR OTHER EXCAVATED AREAS.**
17. **UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED WITH CLASS "SI" CONCRETE OR BRICK AND SUITABLE MORTAR TO THE SATISFACTION OF THE ENGINEER.**
18. **PROTECTION OF WATER SERVICE** - THE CONTRACTOR SHALL STRICTLY REFRAIN FROM CUTTING OR DAMAGING ANY WATER SERVICE DURING CONSTRUCTION ACTIVITIES. EXTREME CAUTION MUST BE EXERCISED WHEN DIGGING NEAR WATER SERVICE TO PREVENT ACCIDENTAL CUTTING OF THE WATER SERVICE. IN AN EVENT OF ANY DAMAGE TO THE WATER SERVICE THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY AND COST FOR THE REPLACEMENT OF THE WATER SERVICE FROM THE WATER MAIN TO THE METER INSIDE THE RESIDENT'S PROPERTY. WHICH MAY INCLUDE INTERIOR RESTORATION TO ACCOMMODATE THE PIPE, AT THE CONTRACTOR'S EXPENSE.
19. **THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD CHECKING ALL DIMENSIONS AND LOCATIONS OF PROPOSED STRUCTURES TO VERIFY ALL EXISTING AND PROPOSED PIPES ARE CORED AT THE CORRECT SIZE, LOCATION AND ELEVATION OF THE STRUCTURE. THE CONTRACTOR WILL ALSO BE REQUIRED TO VERIFY THAT ALL PIPES IN EXISTING STRUCTURES TO BE REPLACED ARE ACCOUNTED FOR. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ADDITIONAL CORING OF STRUCTURES FOR PIPES THAT ARE AT INCORRECT ELEVATION OR MISSING NOT INCLUDED IN STRUCTURE DELIVERED.**
20. **ALL WATER SERVICES SHALL BE INSTALLED AT A DEPTH OF NO LESS THAN 5' FROM THE PROPOSED GROUND LEVEL. WATER SERVICE INSTALLATION WILL ALSO MEET THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, 2020". IT IS ANTICIPATED THAT WATER SERVICES WILL NEED TO BE INSTALLED BENEATH PROPOSED STORM SEWERS, COMBINED SEWERS OR OTHER UNDERGROUND UTILITIES. NO EXTRA COMPENSATION WILL BE MADE FOR DIGGING PITS OR TRENCHES BEYOND 5' IN DEPTH, DIGGING AROUND EXISTING UTILITIES OR ANY OTHER WORK REQUIRED TO INSTALL WATER SERVICES AT THE PROPER DEPTH OR AT LOCATIONS AS DIRECTED BY THE ENGINEER.**
21. **BACKFILLING OF SEWER PIPES CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ARTICLE 550.07(B,C) OF THE SSRBC WILL NOT BE ALLOWED.**

AGGREGATE SUBGRADE IMPROVEMENT NOTES

1. **THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS-1 OR RR-1**
2. **GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR**
3. **THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.**
4. **ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.**

TREES

1. **ANY TREES REMOVED IN ORDER TO CONSTRUCT THE PROJECT ACCORDING TO THE PLANS SHALL BE REPLACED PER IDOT POLICY D&E 18. ANY TREES TO BE REMOVED WILL BE DETERMINED BY ENGINEER PRIOR TO REMOVAL. THE CONTRACTOR SHALL NOT REMOVE ANY TREES UNLESS DIRECTED BY ENGINEER.**

WORK ADJACENT TO SCHOOLS

1. **WORK ADJACENT TO SCHOOLS SHALL BE CONSTRUCTED DURING SUMMER RECESS.**

LANDSCAPING GENERAL NOTES

1. **ONCE CONCRETE IMPROVEMENTS ARE COMPLETED AND PRIOR TO FINAL HOT-MIX ASPHALT SURFACE COURSE BEING PLACED, ALL LANDSCAPE AREAS ARE TO BE BACKFILLED AND HAVE TOPSOIL PLACED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ANY EXCAVATION AND GRADING OF THE PARKWAY WHICH IS REQUIRED TO GIVE A UNIFORM SLOPE FROM THE LIMIT OF SOD RESTORATION TO THE TOP OF THE CURB SHALL BE INCLUDED IN THIS CONTRACT.**
2. **THE CONTRACTOR SHALL BE RESPONSIBLE FOR WEED PREVENTION AND REMOVING ANY WEEDS PRIOR TO THE PLACEMENT OF THE SOD. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR MAINTENANCE OF WEEDS WITHIN NEWLY TOPSOILED AREAS. ONCE ANY WEEDS, AS DETERMINED BY THE ENGINEER, HAVE EXCEEDED SIX INCHES (6") IN HEIGHT, THEY SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE METHOD OF WEED CONTROL AND WEED REMOVAL MUST BE APPROVED BY THE ENGINEER. WEED CONTROL SHALL BE INCLUDED IN THE COST OF SODDING.**





ELECTRIC GENERAL NOTES

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

COOPERATION BETWEEN CONTRACTORS

1. **IT IS ANTICIPATED THAT A LEAD SERVICE LINE REPLACEMENT PROJECT WILL BE COMPLETED CONCURRENTLY ON A LOCALLY LET CONTRACT WITH THE VILLAGE OF MAYWOOD. THE CONTRACTOR WILL BE REQUIRED TO COMPLETE ALL WATERMAIN WORK BEFORE COMPLETING AN OTHER WORK. THE CONTRACTOR WILL BE REQUIRED TO MAKE EFFORTS TO ALLOW FOR THE LEAD SERVICE LINE REPLACEMENT PROJECT TO BE COMPLETED CONCURRENTLY WITH THIS PROJECT. THE CONTRACTOR WILL NOT BE ALLOWED TO ABANDON EXISTING WATERMANS UNTIL ALL LEAD WATER SERVICE REPLACEMENTS ARE COMPLETED.**

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DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.
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MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	4
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.I.E. PROJECT NO. 666-21-244

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

A. REFERENCED SPECIFICATIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 * VILLAGE OF MAYWOOD 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 MAYWOOD ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS 0 FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- 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) 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.
 b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 c) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- 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, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

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

MWRDGC GENERAL NOTES

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

MS R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	5
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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SUMMARY OF QUANTITIES

SPLTY	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	20101100	TREE TRUNK PROTECTION	EACH	40	40			
*	20101200	TREE ROOT PRUNING	EACH	40	40			
	20200100	EARTH EXCAVATION	CU YD	4600	4600			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1650	1650			
	20800150	TRENCH BACKFILL	CU YD	3300	1850			1450
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2200	2200			
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4800	4800			
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60	60			
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	60	60			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	60	60			
	25200100	SODDING	SQ YD	4800	4800			
	25200200	SUPPLEMENTAL WATERING	UNIT	2000	2000			
	28000510	INLET FILTERS	EACH	41	41			
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1650	1650			
	30300112	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SQ YD	8500	8500			
	35102100	AGGREGATE BASE COURSE, TYPE B, 9"	SQ YD	600	600			

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E.I.E. PROJECT NO. 565-21-244

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: NONE	SHEET NO. 1 OF 7 SHEETS
STA.	TO STA.

MS. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	6
FIELD BOOK NO.:		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	500	500			
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4000	4000			
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	5400	5400			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	150	150			
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3400	3400			
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1100	1100			
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	100	100			
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	60	60			
	42001300	PROTECTIVE COAT	SQ YD	5000	5000			
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	800	800			
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	29000	29000			
	42400800	DETECTABLE WARNINGS	SQ FT	30	30			
	44000100	PAVEMENT REMOVAL	SQ YD	8500	8500			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1050	1050			
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4900	4900			
	44000600	SIDEWALK REMOVAL	SQ FT	29000	29000			

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	7
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.I.E. PROJECT NO. 565-21-244

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	550A2760	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 3 24"	FOOT	80	80			
	550B0330	STORM SEWERS, CLASS B, TYPE 2 10"	FOOT	100	100			
	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	1425	1425			
*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	80				80
*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	2550				2550
*	56105000	WATER VALVES 8"	EACH	8				8
*	56200300	WATER SERVICE LINE 1"	EACH	36				36
*	56200700	WATER SERVICE LINE 2"	EACH	11				11
*	56300100	ADJUSTING SANITARY LINES, 8" DIAMETER OR LESS	FOOT	600	600			
*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	7				7
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	7				7
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	14	14			
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8				8
	60255500	MANHOLES TO BE ADJUSTED	EACH	3	3			
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5			
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	6	6			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	8
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

S.H.E. PROJECT NO. 565-21-244

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	60600605	CONCRETE CURB, TYPE B	FOOT	150	150			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1250	1250			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8			
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	40	40			
	67100100	MOBILIZATION	L SUM	1	1			
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	210	210			
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2500	2500			
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1500	1500			
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS- PAINT	SQ FT	100	100			
	70300221	TEMPORARY PAVEMENT MARKING- LINE 4"- PAINT	FOOT	2500	2500			
	70300241	TEMPORARY PAVEMENT MARKING- LINE 6"- PAINT	FOOT	500	500			
	70300261	TEMPORARY PAVEMENT MARKING- LINE 12"- PAINT	FOOT	250	250			
	70300281	TEMPORARY PAVEMENT MARKING- LINE 24"- PAINT	FOOT	200	200			
*	72000100	SIGN PANEL - TYPE 1	SQ FT	325	325			

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	9
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.A.E. PROJECT NO. 665-21-244

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
*	72900100	METAL POST - TYPE A	FOOT	480	480			
*	72900200	METAL POST - TYPE B	FOOT	215	215			
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4100	4100			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	180	180			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1050	1050			
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	200	200			
	78300202	PAVEMENT MARKING REMOVAL- WATER BLASTING	SQ FT	500	500			
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL. 2" DIA.	FOOT	625		625		
*	81400100	HANDHOLE	EACH	2		2		
*	81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	4600		4600		
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2		2		
*	89502380	REMOVE EXISTING HANDHOLE	EACH	2		2		
*	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1			
*	X1200230	PRESSURE TESTING AND DISINFECTION	L SUM	1	1			
	X2100106	GROUND STABILIZATION GEOSYNTHETIC	SQ YD	8500	8500			
	X2130010	EXPLORATORY TRENCH (SPECIAL)	FOOT	150	150			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	10
FIELD BOOK NO.: -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	16	16			
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4			
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	400	400			
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	3000				3000
*	X5610746	WATER MAIN LINE STOP 6"	EACH	7				7
*	X5610748	WATER MAIN LINE STOP 8"	EACH	8				8
*	X5620096	WATER SERVICE LINE 1", (BORED)	EACH	32				32
*	X5620101	WATER SERVICE LINE 2", (BORED)	EACH	14				14
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	4				4
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	2				2
*	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	1				1
*	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	5				5
	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	2	2			
*	X6024132	REMOVE EXISTING VALVE AND VAULT	EACH	7				7
	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	4900	4900			
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	11
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE PROJECT NO. 56521-244

SUMMARY OF QUANTITIES

SPLT Y	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	10	10			
	XX002948	TEMPORARY ACCESS WALK	EACH	40	40			
*	XX003803	SANITARY SEWER SERVICE 6"	FOOT	380				380
*	XX006227	RESTRAINED JOINT 8"	EACH	90				90
*	XX006228	RESTRAINED JOINT 6"	EACH	25				25
	XX006281	STORM SEWER, DUCTILE IRON, TYPE 1 10"	FOOT	625	625			
*	XX006448	PVC COMBINED SEWER REPLACEMENT, 10"	FOOT	150				150
*	XX006449	PVC COMBINED SEWER REPLACEMENT, 12"	FOOT	350				350
*	XX006450	PVC COMBINED SEWER REPLACEMENT, 18"	FOOT	30				30
*	XX006451	10" X 6" PVC SEWER SERVICE CONNECTIONS (SPECIAL)	EACH	7				7
*	XX006816	12" X 6" PVC SEWER SERVICE CONNECTIONS (SPECIAL)	EACH	26				26
*	XX006834	ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM	EACH	2		2		
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	200	200			
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	48	48			
	Z0019600	DUST CONTROL WATERING	UNIT	100	100			
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	225	225			

* SPECIALTY ITEM

Drawing file: W:\Projects_by_Village\Weymouth\55021244 - 19th Avenue Phase II\05-11_500.dwg Nov 16, 2024 - 11:41am



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CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	12
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.I.E. PROJECT NO. 658-21-244

SUMMARY OF QUANTITIES

SPLY	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local			Const. Type Code 0% Federal/100% Local
					Reconstruction 0004 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0043 Urban
*	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8		8		
*	Z0048900	RAILROAD TRACK REMOVAL	FOOT	2800	2800			
	Z0062456	TEMPORARY PAVEMENT	SQ YD	600	600			
*	Z0067500	STEEL CASINGS, 16"	FOOT	126	126			
	Z0076600	TRAINEES	HOUR	1000			1000	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000			1000	
*	XX009695	ELECTRICAL CONNECTION TO EXISTING LIGHTING CABINET	EACH	2		2		
	XX009696	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	18	18			
	XX009697	RESTRICTED DEPTH MANHOLES, STORM, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7			
	XX009698	RESTRICTED DEPTH MANHOLES, STORM, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
*	XX009699	RESTRICTED DEPTH MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8				8

* SPECIALTY ITEM

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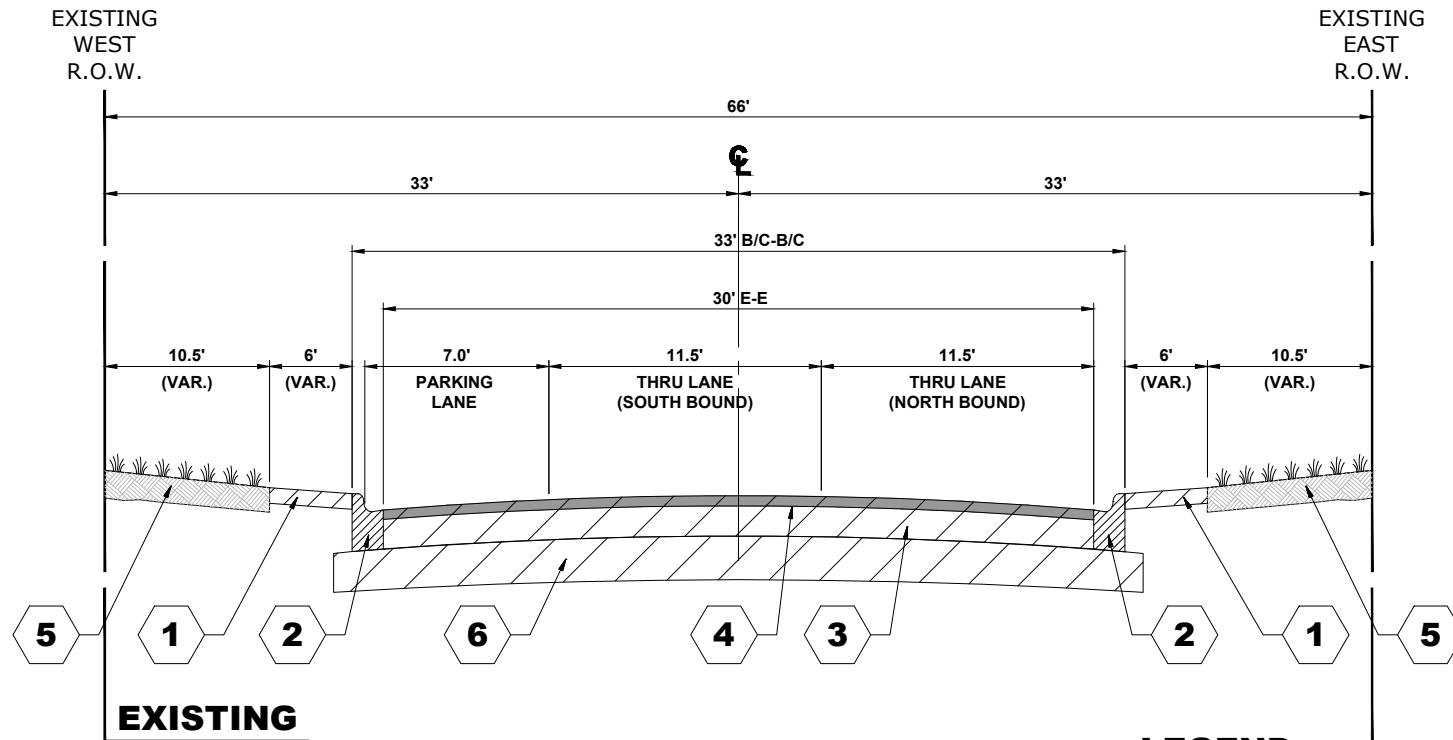
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-PP	COOK	72	13
FIELD BOOK NO.:		CONTRACT NO. 61K67		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

S.I.E. PROJECT NO. 565-21-244



- 1** EXISTING PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL
- 2** EXISTING COMBINATION CURB AND GUTTER REMOVAL (TYPE B-6.12)
- 3** EXISTING PORTLAND CEMENT CONCRETE COURSE BASE, 5" - 9"
- 4** EXISTING HOT-MIX ASPHALT BINDER AND SURFACE COURSE, 1" - 4"
- 5** EXISTING GRASS PARKWAY
- 6** EXISTING EARTH EXCAVATION FOR PAVEMENT RECONSTRUCTION

LEGEND
 ITEMS TO BE REMOVED

EXISTING TYPICAL SECTION
19TH AVENUE
(MADISON STREET TO OAK STREET)
STA. 0+85 TO STA 27+78
OMISSIONS = STA. 11+87 TO STA. 15+68

PAVEMENT CORE SUMMARY					
BORE	STREET	STATION	LANE	BITUMINOUS	CONC BASE
C-1	19TH AVENUE	1+75	NORTHBOUND	2 1/2"	8"
C-2	19TH AVENUE	3+45	PARKING LANE	2"	8"
C-3	19TH AVENUE	5+25	SOUTHBOUND	3 1/2"	7 1/2"
C-4	19TH AVENUE	6+50	NORTHBOUND	2 3/4"	5 1/2"
C-5	19TH AVENUE	8+00	SOUTHBOUND	1 3/4"	6 1/2"
C-6	19TH AVENUE	9+70	PARKING LANE	1"	6 1/2"
C-7	19TH AVENUE	12+25	NORTHBOUND	2 3/4"	7 3/4"
C-8	19TH AVENUE	12+90	NORTHBOUND	2 1/4"	6"
C-9	19TH AVENUE	14+80	NORTHBOUND	2 1/4"	7 3/4"
C-10	19TH AVENUE	16+50	PARKING LANE	1 1/4"	7"
C-11	19TH AVENUE	18+10	NORTHBOUND	3"	7 3/4"
C-12	19TH AVENUE	19+50	NORTHBOUND	1 3/4"	7"
C-13	19TH AVENUE	21+40	SOUTHBOUND	2 1/2"	9"
C-14	19TH AVENUE	23+00	PARKING LANE	1 3/4"	9"
C-15	19TH AVENUE	24+50	NORTHBOUND	2 1/4"	8 1/4"
C-16	19TH AVENUE	26+25	SOUTHBOUND	1"	6 1/4"

NOTES:
 THESE CORES REFLECT ONLY THE INFORMATION FOUND AT LOCATIONS LISTED.
 THEY DO NOT REFLECT ANY VARIATIONS WHICH MAY OCCUR BETWEEN THESE BORINGS.

Drawing file: W:\Projects_by_Village\Wood\66521244 - 19th Avenue Phase II\2-13_Typ_Sections.dwg Oct 27, 2024 - 11:05am

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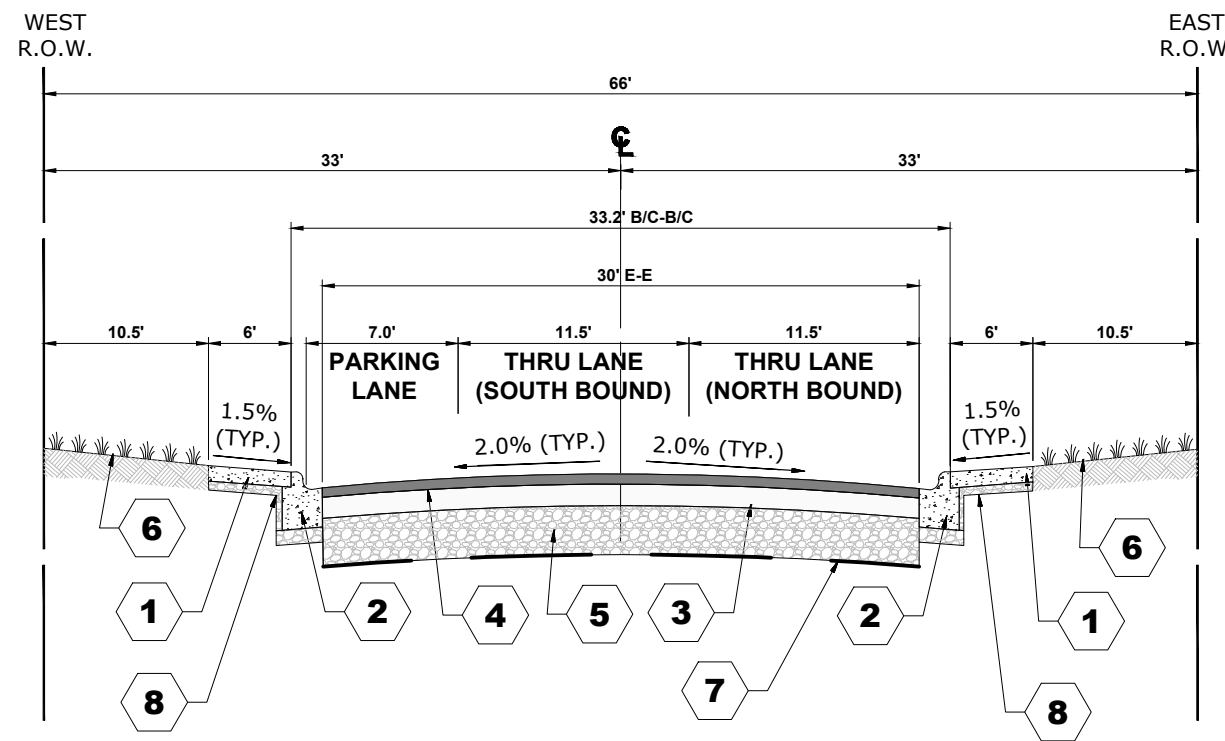
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DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

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

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	14
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.I.E. PROJECT NO. 665-21-244



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT SURFACING - BUTT JOINT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 Gyr.	LR 1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING - HMA DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (2 LIFTS)	4% @ 50 Gyr.	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 Gyr.	LR 1030-2
19TH AVENUE		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 7"	4% @ 50 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

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 RECLAIMED MATERIAL SPECIFICATION.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE MIX AND UNDER THE TOP LIFT OF THE HOT-MIX ASPHALT BINDER COURSE.

- | | |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" | 5 PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12" |
| 2 PROPOSED COMBINATION CURB AND GUTTER (TYPE B-6.12)(SPECIAL) | 6 PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND PROPOSED SODDING |
| 3 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7" | 7 PROPOSED GROUND STABILIZATION GEOSYNTHETIC |
| 4 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2" | 8 PROPOSED SUBBASE GRANULAR TYPE B INCLUDED IN COST OF CONCRETE CURB AND GUTTER AND SIDEWALK |

PROPOSED TYPICAL SECTION
19TH AVENUE
(MADISON STREET TO OAK STREET)
STA. 0+85 TO STA 27+78
OMISSIONS = STA. 11+87 TO STA. 15+68

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	15
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 665-21-244

EARTHWORK QUANTITIES

Station	CUT			NON SPECIAL WASTE			FILL			
	AREA (SF)	VOLUME (CY)	Cum. Cut Vol. (CY)	AREA (SF)	VOLUME (CY)	Cum. Vol. (CY)	AREA (SF)	VOLUME (CY)	Cum. Fill Vol. (CY)	Cum. Net Vol. (Cu.yd.)
0+89.400	73.75	0	0	73.75	0	0	0	0	0	0
1+10.000	45.78	45.6	45.6	45.78	45.6	45.6	0.02	0.01	0.01	45.59
1+35.000	48.36	43.58	89.18	48.36	43.58	89.18	0.02	0.02	0.03	89.15
1+50.000	50.51	27.46	116.64	0.00	0.00	89.18	0.01	0.01	0.04	116.61
2+00.000	43.09	86.67	203.31	0.00	0.00	89.18	0.01	0.02	0.06	203.26
2+50.000	41.63	78.44	281.75	0.00	0.00	89.18	0.68	0.64	0.7	281.06
3+00.000	46.66	81.75	363.5	0.00	0.00	89.18	0	0.63	1.33	362.17
3+50.000	52.45	91.77	455.27	0.00	0.00	89.18	0	0	1.33	453.94
3+95.000	50.16	85.51	540.78	0.00	0.00	89.18	0	0	1.33	539.46
4+50.000	53.78	105.87	646.65	0.00	0.00	89.18	0.06	0.06	1.39	645.26
5+00.000	55.67	101.34	747.99	0.00	0.00	89.18	0	0.05	1.44	746.55
5+50.000	58.26	105.49	853.48	0.00	0.00	89.18	0	0	1.44	852.04
6+00.000	50.57	100.77	954.25	0.00	0.00	89.18	0	0	1.44	952.81
6+50.000	44.1	87.65	1041.9	0.00	0.00	89.18	0.58	0.54	1.98	1039.92
7+00.000	47.32	84.65	1126.55	0.00	0.00	89.18	0.11	0.64	2.62	1123.93
7+30.000	70.82	65.64	1192.19	0.00	0.00	89.18	0	0.06	2.68	1189.51
7+55.000	51.57	56.66	1248.85	0.00	0.00	89.18	0.04	0.02	2.7	1246.15
8+00.000	45.65	81.02	1329.87	0.00	0.00	89.18	0	0.03	2.73	1327.14
8+50.000	33.53	73.32	1403.19	0.00	0.00	89.18	4.1	3.8	6.53	1396.66
9+00.000	37.23	65.52	1468.71	0.00	0.00	89.18	1.1	4.82	11.35	1457.36
9+50.000	47.67	78.6	1547.31	0.00	0.00	89.18	0	1.02	12.37	1534.94
10+00.000	47.68	88.28	1635.59	0.00	0.00	89.18	0	0	12.37	1623.23
10+50.000	41.98	83.02	1718.61	0.00	0.00	89.18	0.04	0.04	12.41	1706.21
11+00.000	39.55	75.49	1794.1	0.00	0.00	89.18	0.09	0.12	12.53	1781.58
11+50.000	37.57	71.4	1865.5	0.00	0.00	89.18	1.22	1.21	13.74	1851.77
11+75.000	36.82	34.44	1899.94	0.00	0.00	89.18	1.33	1.18	14.92	1885.03
11+82.000	36.48	9.5	1909.44	0.00	0.00	89.18	1.57	0.38	15.3	1894.15
15+73.000	41.26	0	1909.44	0.00	0.00	89.18	0.17	0	15.3	1894.15
16+00.000	43.37	42.32	1951.76	0.00	0.00	89.18	0.07	0.12	15.42	1936.35
16+25.000	38.22	37.77	1989.53	0.00	0.00	89.18	0.13	0.09	15.51	1974.03
16+50.000	33.69	33.29	2022.82	0.00	0.00	89.18	1.17	0.6	16.11	2006.72
17+00.000	30.91	59.82	2082.64	0.00	0.00	89.18	3.76	4.56	20.67	2061.98
17+50.000	34.19	60.28	2142.92	0.00	0.00	89.18	1.65	5.01	25.68	2117.25
17+75.000	32.26	30.76	2173.68	0.00	0.00	89.18	5.16	3.15	28.83	2144.86
18+00.000	41.1	33.96	2207.64	0.00	0.00	89.18	1.51	3.09	31.92	2175.74
18+50.000	51.07	85.33	2292.97	0.00	0.00	89.18	0.11	1.5	33.42	2259.57
19+00.000	47.77	91.52	2384.49	0.00	0.00	89.18	0.17	0.26	33.68	2350.83
19+50.000	42.12	83.24	2467.73	0.00	0.00	89.18	1.17	1.24	34.92	2432.83
19+95.000	42.08	70.17	2537.9	42.08	70.17	159.35	0.76	1.61	36.53	2501.39
20+00.000	42.42	7.82	2545.72	42.42	7.82	167.17	0.35	0.1	36.63	2509.12
20+05.000	43.39	7.95	2553.67	43.39	7.95	175.12	0.35	0.06	36.69	2517
20+20.000	47.01	25.11	2578.78	0.00	0.00	175.12	0.05	0.11	36.8	2542
20+52.000	92.14	82.46	2661.24	0.00	0.00	175.12	0	0.03	36.83	2624.42
20+85.000	52.26	88.25	2749.49	0.00	0.00	175.12	0.03	0.02	36.85	2712.65
21+00.000	51.3	28.77	2778.26	0.00	0.00	175.12	0.06	0.02	36.87	2741.39
21+50.000	49.02	92.88	2871.14	0.00	0.00	175.12	0.12	0.17	37.04	2834.11
22+00.000	43.72	85.87	2957.01	0.00	0.00	175.12	0.38	0.46	37.5	2919.52
22+50.000	40.74	78.21	3035.22	0.00	0.00	175.12	1.1	1.37	38.87	2996.36
22+75.000	39.41	37.11	3072.33	0.00	0.00	175.12	1.95	1.41	40.28	3032.05
23+00.000	44.18	38.7	3111.03	0.00	0.00	175.12	1.1	1.42	41.7	3069.34
23+50.000	49.44	86.69	3197.72	0.00	0.00	175.12	0.09	1.11	42.81	3154.92
24+00.000	53.94	95.72	3293.44	0.00	0.00	175.12	0.01	0.09	42.9	3250.55
24+50.000	56.12	101.91	3395.35	0.00	0.00	175.12	0.03	0.03	42.93	3352.43
25+00.000	43.85	92.57	3487.92	0.00	0.00	175.12	0.15	0.16	43.09	3444.84
25+50.000	45.53	82.76	3570.68	0.00	0.00	175.12	0.05	0.18	43.27	3527.41
26+00.000	46.73	85.42	3656.1	0.00	0.00	175.12	0.16	0.2	43.47	3612.64
26+50.000	52.89	92.23	3748.33	0.00	0.00	175.12	0.01	0.16	43.63	3704.72
26+68.000	48.67	33.85	3782.18	48.67	33.85	208.97	0	0	43.63	3738.57
26+87.000	50.51	34.9	3817.08	50.51	34.9	243.87	0.01	0	43.63	3773.46
27+14.000	76.21	63.36	3880.44	76.21	63.36	307.23	0	0.01	43.64	3836.81
27+39.000	48.4	57.69	3938.13	48.4	57.69	364.92	0.02	0.01	43.65	3894.49
27+46.000	43.61	11.93	3950.06	43.61	11.93	376.85	0.04	0.01	43.66	3906.41
27+52.000	42.33	9.55	3959.61	42.33	9.55	386.4	0.03	0.01	43.67	3915.96
27+73.000	40.54	32.23	3991.84	40.54	32.23	418.63	0.39	0.16	43.83	3948.02

CUT GRAND TOTAL	3991.84	CY
-----------------	---------	----

NON-SPECIAL WASTE GRAND TOTAL	418.63	CY
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FILL GRAND TOTAL	43.83	CY	GRAND TOTAL	3948.02	CY
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EARTHWORK SUMMARY					
	FILL (CY)	EARTH EXCAVATION (CY)	15% SHRINKAGE	EARTHWORK BALANCE WASTE (+), SHORTAGE (-)	NON-SPECIAL WASTE
STA 0+89.4 - 27+73	43.83	3991.84	50.40	3941.44	418.63



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 Wheeling, IL 60154-0282
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DEPARTMENT OF TRANSPORTATION

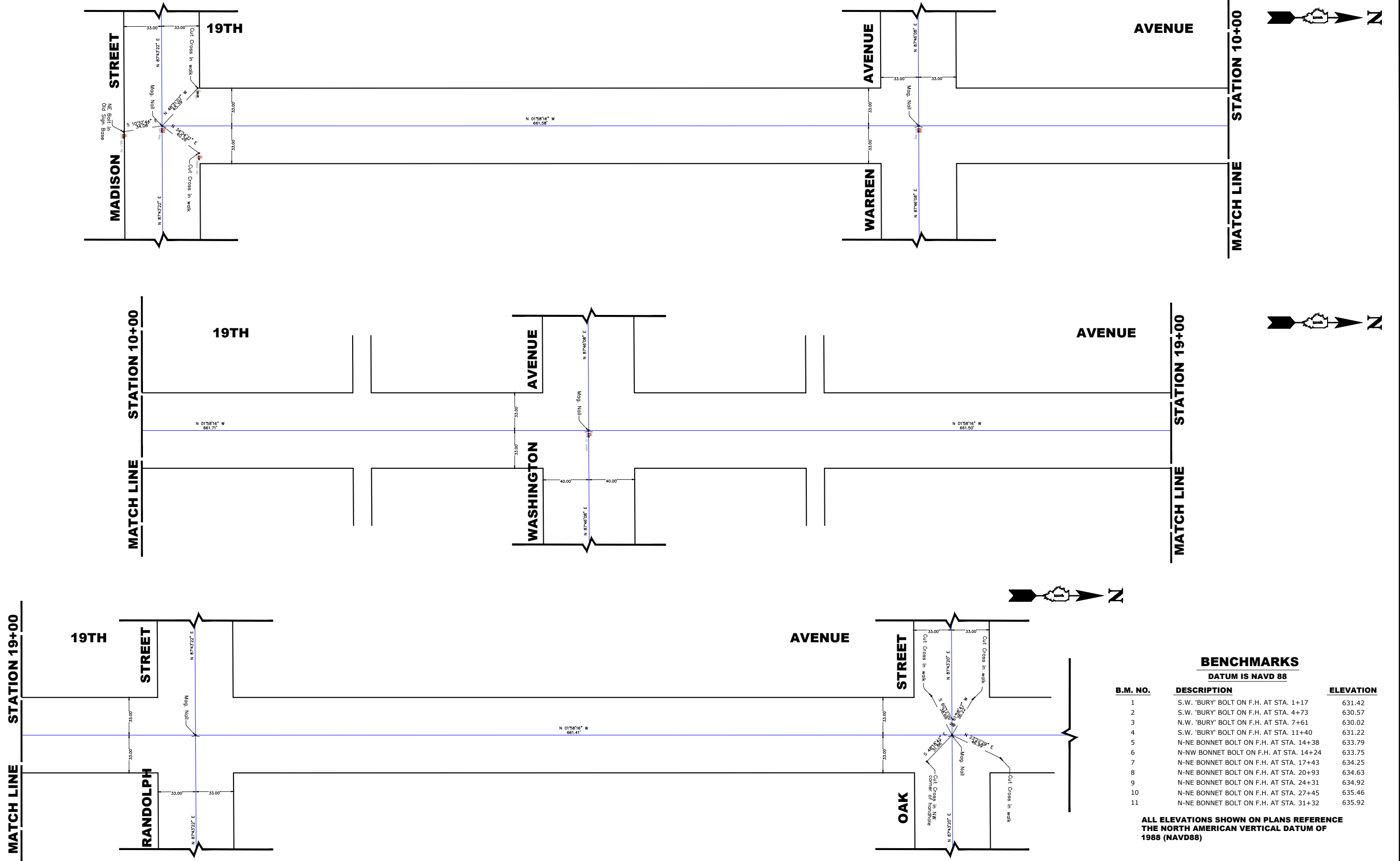
EARTHWORK QUANTITIES

SCALE: NONE SHEET NO. 8 OF 8 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	16
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing file: W:\Projects_By_Village\Waywood\66521244 - 19th Avenue Phase II\Earthwork Quantities.dwg Oct 27, 2024 - 11:17am

E.I.E. PROJECT NO. 665-21-244



MATCH LINE STATION 19+00

19TH STREET
RANDOLPH

AVENUE
STREET
OAK

BENCHMARKS

DATUM IS NAVD 88

B.M. NO.	DESCRIPTION	ELEVATION
1	S.W. 'BURY' BOLT ON F.H. AT STA. 1+17	631.42
2	S.W. 'BURY' BOLT ON F.H. AT STA. 4+73	630.57
3	N.W. 'BURY' BOLT ON F.H. AT STA. 7+61	630.02
4	S.W. 'BURY' BOLT ON F.H. AT STA. 11+40	631.22
5	N-NE BONNET BOLT ON F.H. AT STA. 14+38	633.79
6	N-NW BONNET BOLT ON F.H. AT STA. 14+24	633.75
7	N-NE BONNET BOLT ON F.H. AT STA. 17+43	634.25
8	N-NE BONNET BOLT ON F.H. AT STA. 20+93	634.63
9	N-NE BONNET BOLT ON F.H. AT STA. 24+31	634.92
10	N-NE BONNET BOLT ON F.H. AT STA. 27+45	635.46
11	N-NE BONNET BOLT ON F.H. AT STA. 31+32	635.92

ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

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CHECKED -	WOP	REVISED -
DATE -	8-6-24	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

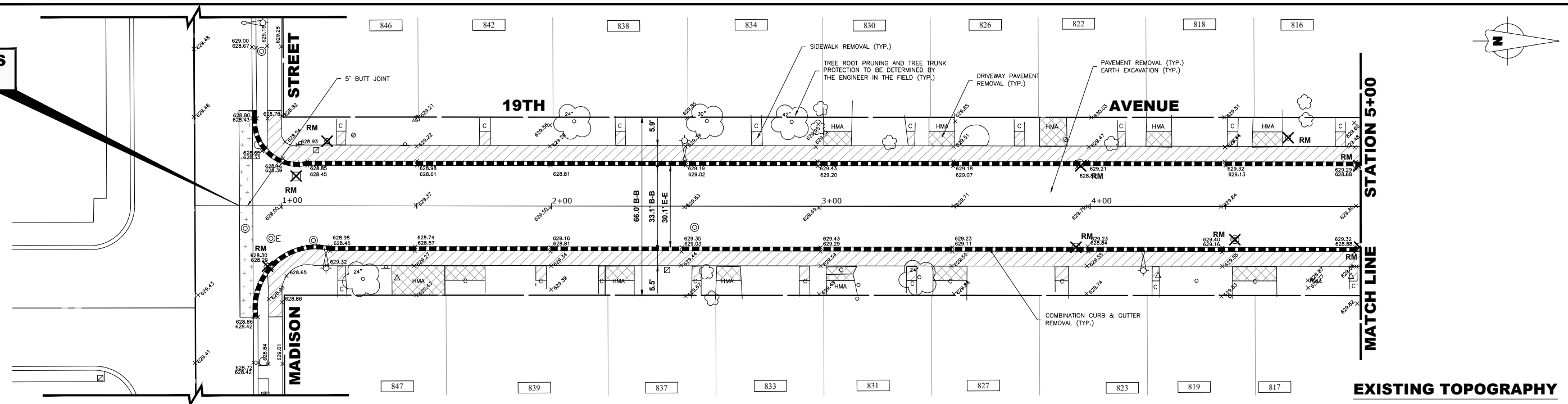
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 40' SHEET NO. 1 OF 1 SHEETS STA. 1+00 TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	17
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



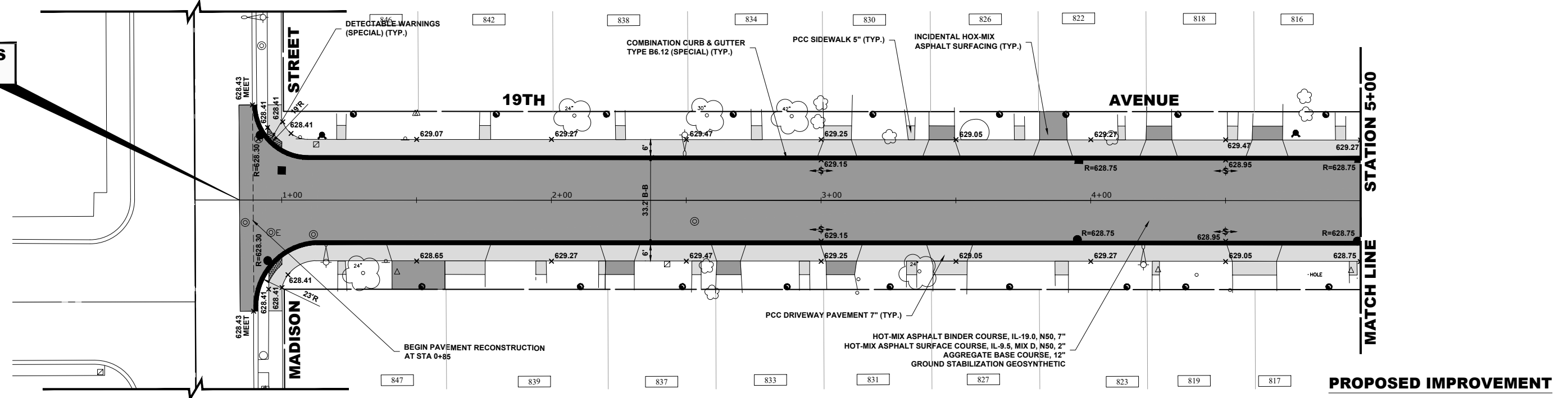
**PROJECT BEGINS
STA 0+85**



STATION 5+00

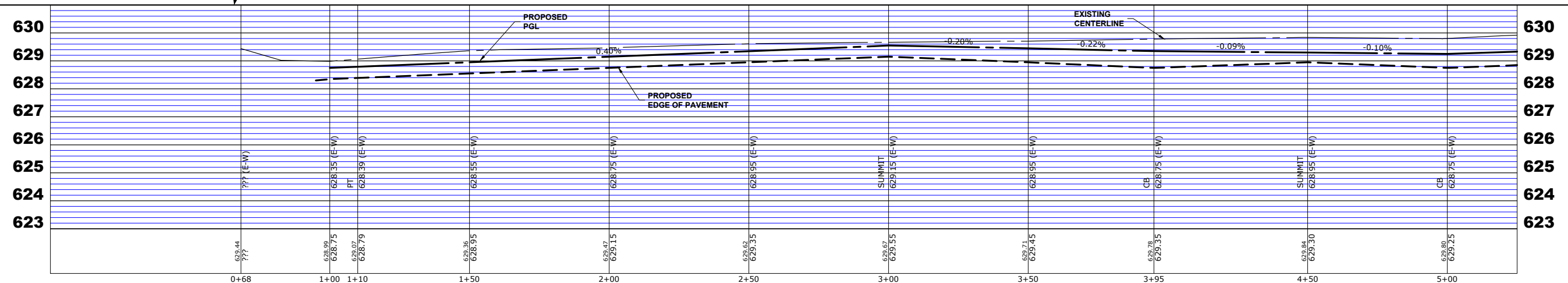
EXISTING TOPOGRAPHY

**PROJECT BEGINS
STA 0+85**



STATION 5+00

PROPOSED IMPROVEMENT



Drawing file: W:\Projects_by_Village\Waywood\66621244 - 19th Avenue Phase II\Site\19th Ave. Ph. I.dwg Oct 27, 2024 - 11:12am

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DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
PAVING PLAN AND PROFILE**

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

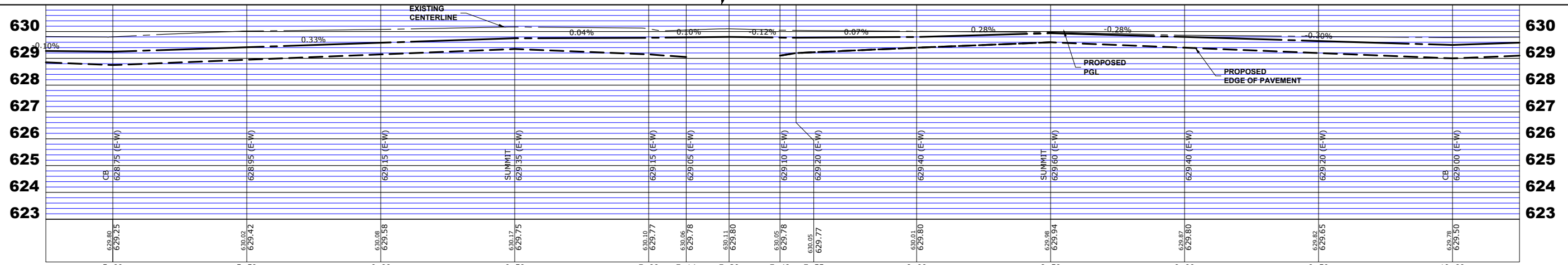
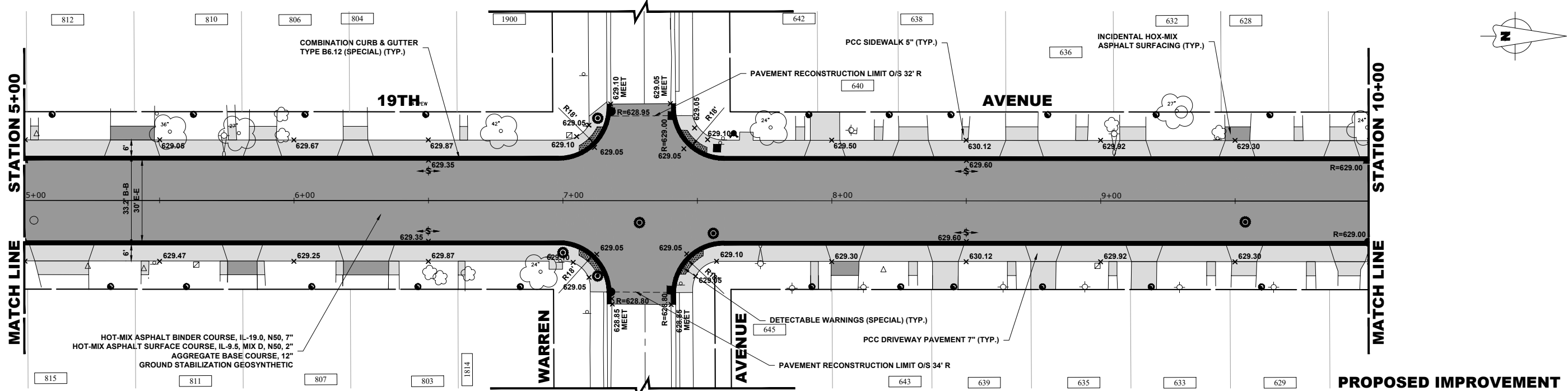
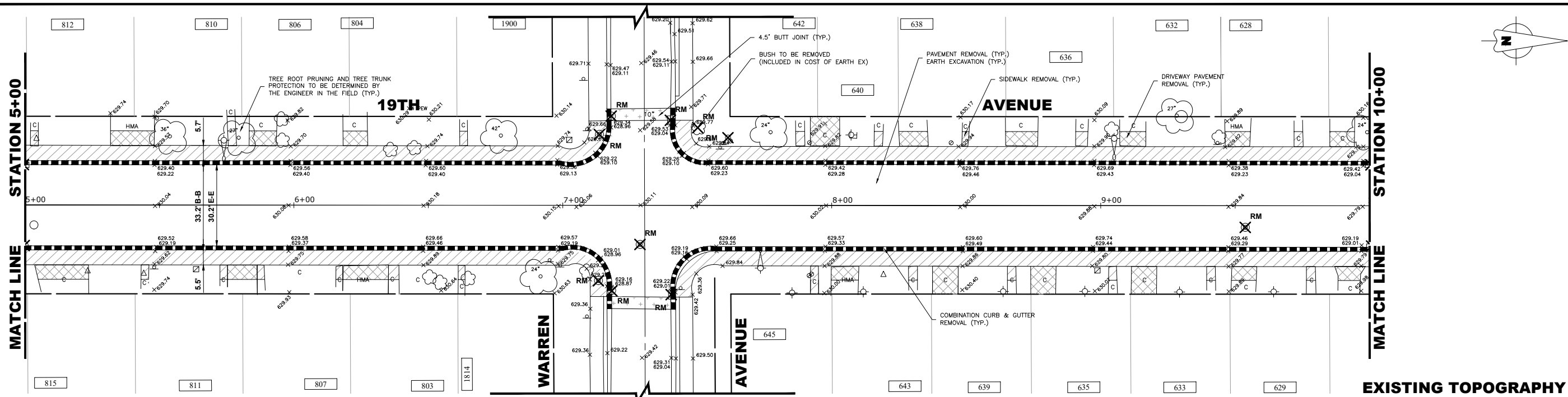
SHEET NO. 1 OF 6 SHEETS

STA. 1+00 TO STA. 5+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	18
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.I.E. PROJECT NO. 666-21-244

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DRAWN -	SFB, DMM, ECW, GD	REVISED -
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DATE -	8-6-24	REVISED -

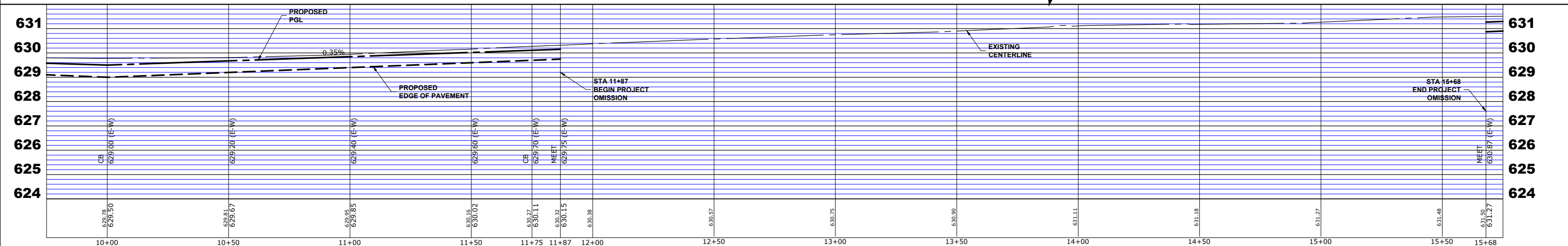
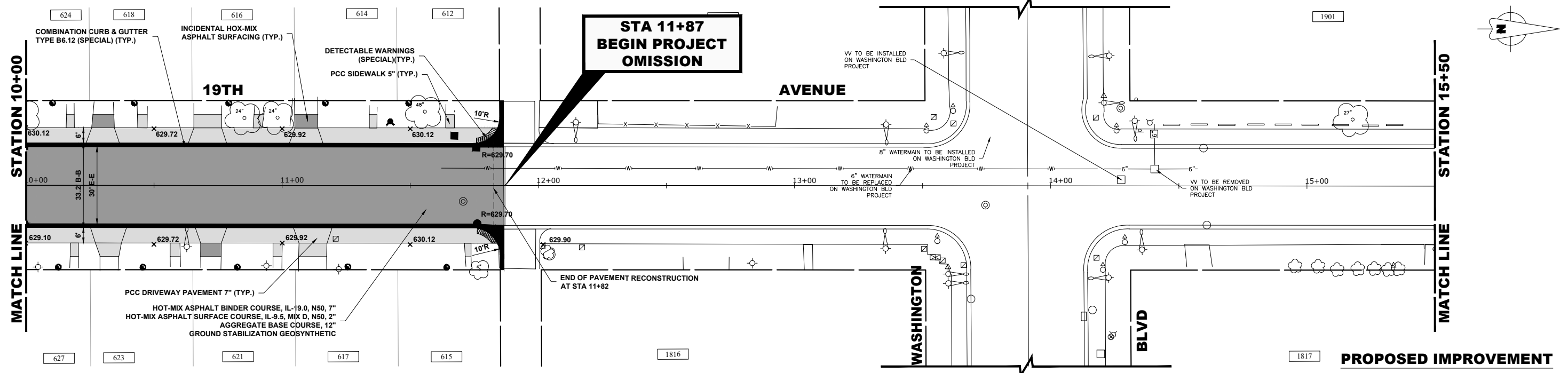
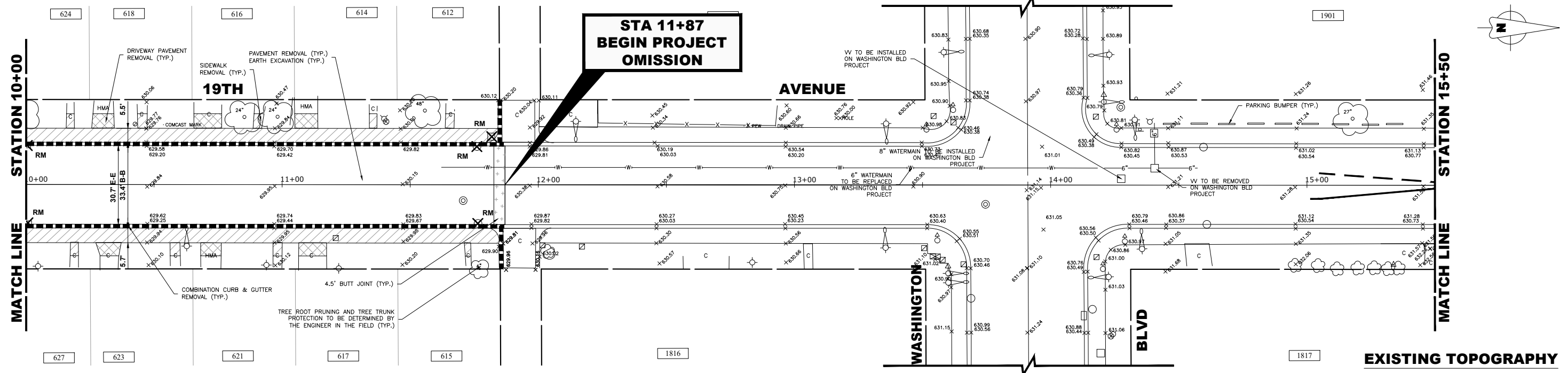
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
 PAVING PLAN AND PROFILE**
 SCALE: H:1"=20', V:1"=2' SHEET NO. 2 OF 6 SHEETS STA. 5+00 TO STA. 10+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	19
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.I.E. PROJECT NO. 665-21-244

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DESIGNED - RP	REVISOR -
DRAWN - SFB, DMM, ECW, GD	REVISOR -
CHECKED - WOP	REVISOR -
DATE - 8-6-24	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
 PAVING PLAN AND PROFILE**

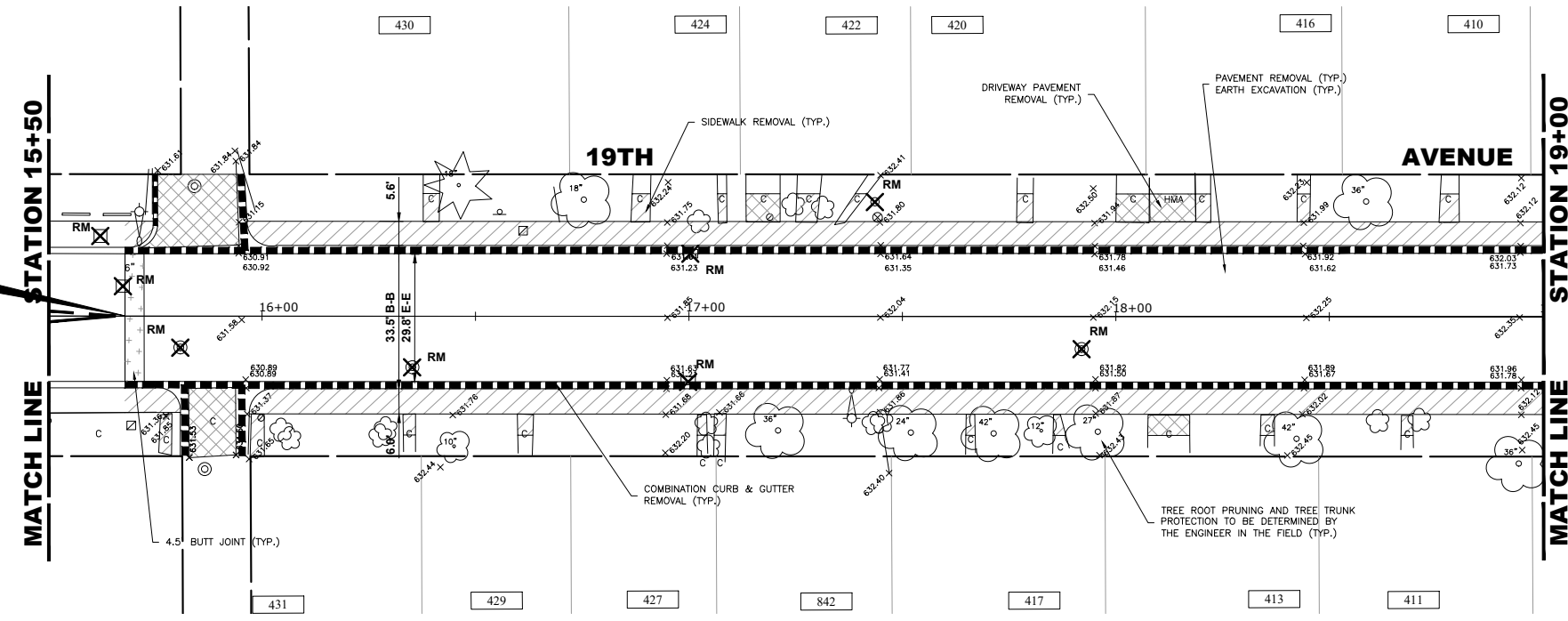
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MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	20
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

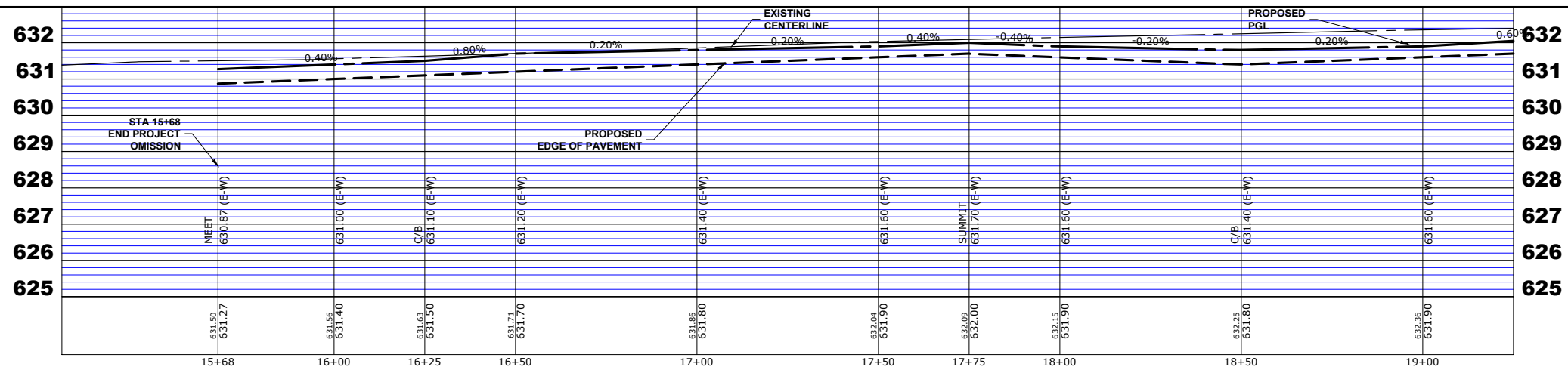
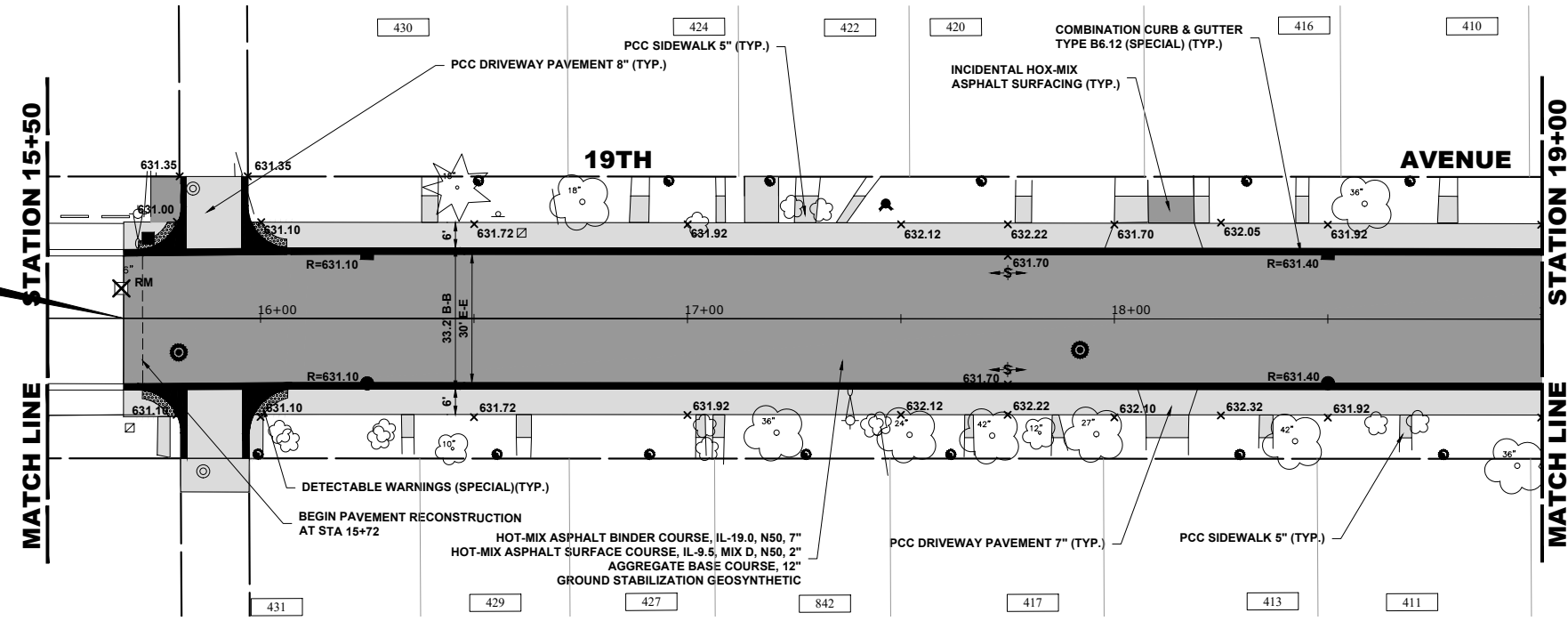
E.I.E. PROJECT NO. 665-21-244

Drawing file: W:\Projects_by_Village\Waywood\66521244 - 19th Avenue Phase II\Site\19th Ave. Ph. IIdwg Oct 27, 2024 - 11:06am

**STA 15+68
END PROJECT
OMISSION**



**STA 15+68
END PROJECT
OMISSION**



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DATE -	8-6-24	REVISED -

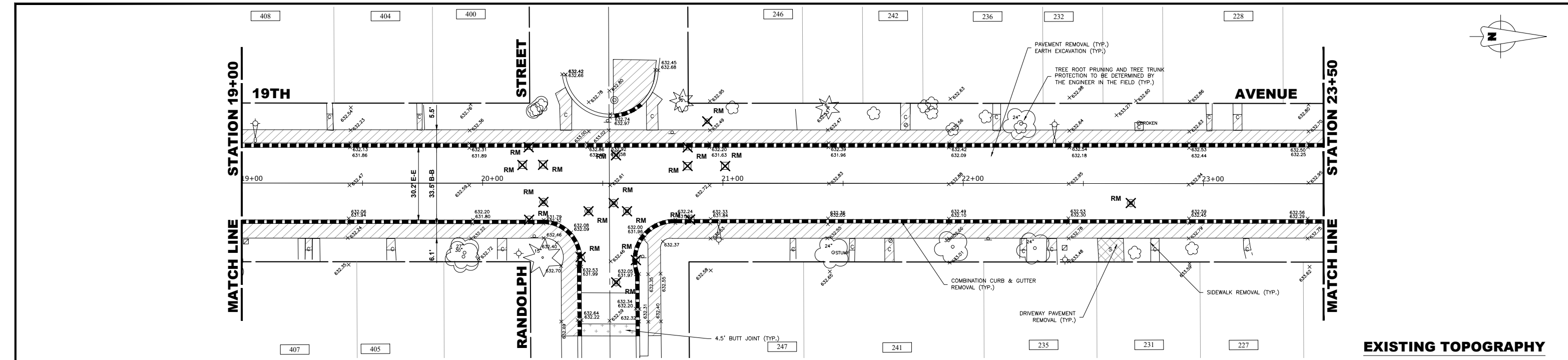
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
PAVING PLAN AND PROFILE**

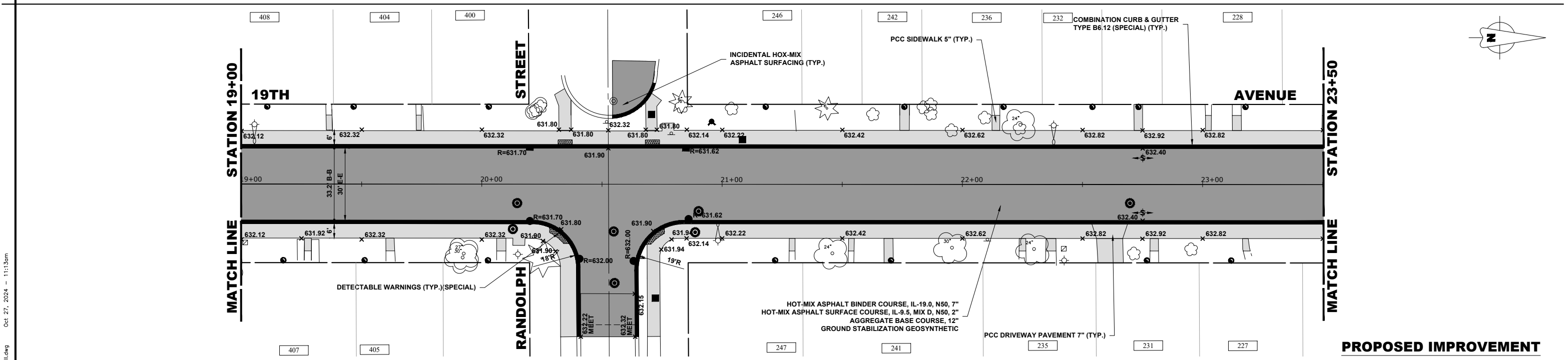
SCALE: H:1"=20', V:1"=2' SHEET NO. 4 OF 6 SHEETS STA. 15+50 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	21
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

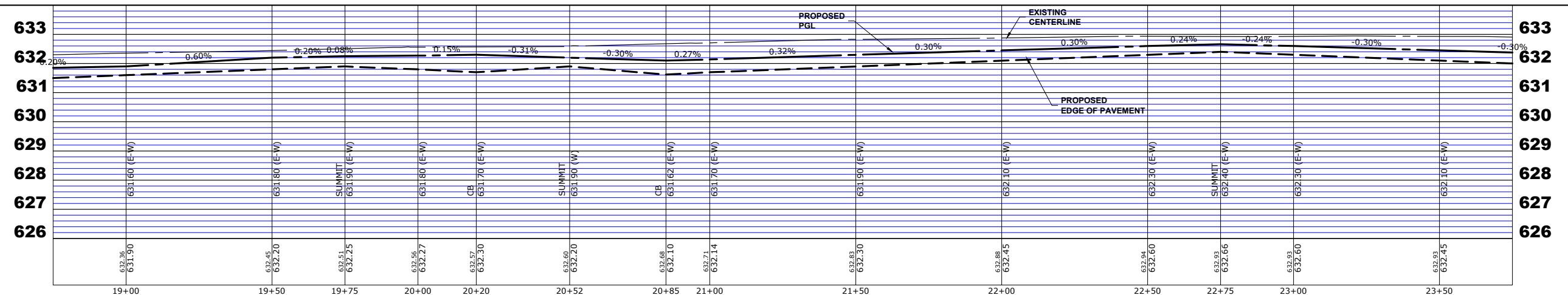
E.I.E. PROJECT NO. 665-21-244



EXISTING TOPOGRAPHY



PROPOSED IMPROVEMENT



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DRAWN - SFB, DMM, ECW, GD	REVISÉD -
CHECKED - WOP	REVISÉD -
DATE - 8-6-24	REVISÉD -

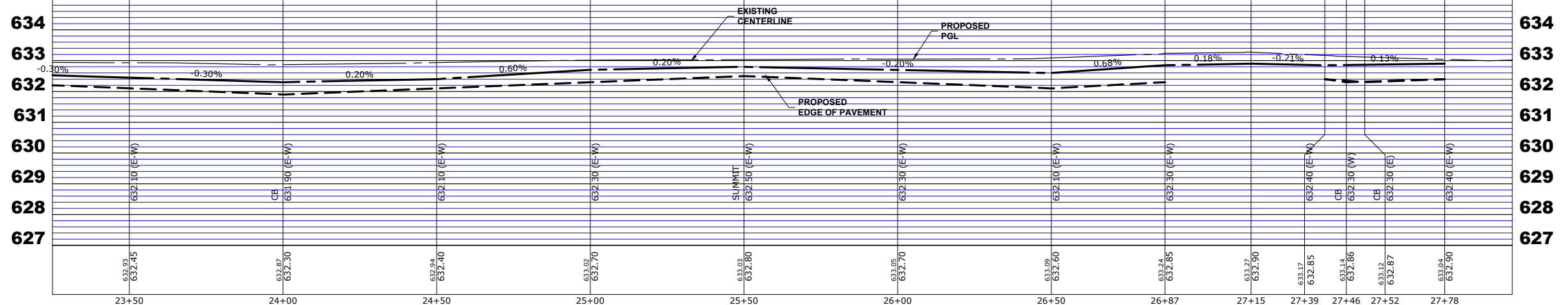
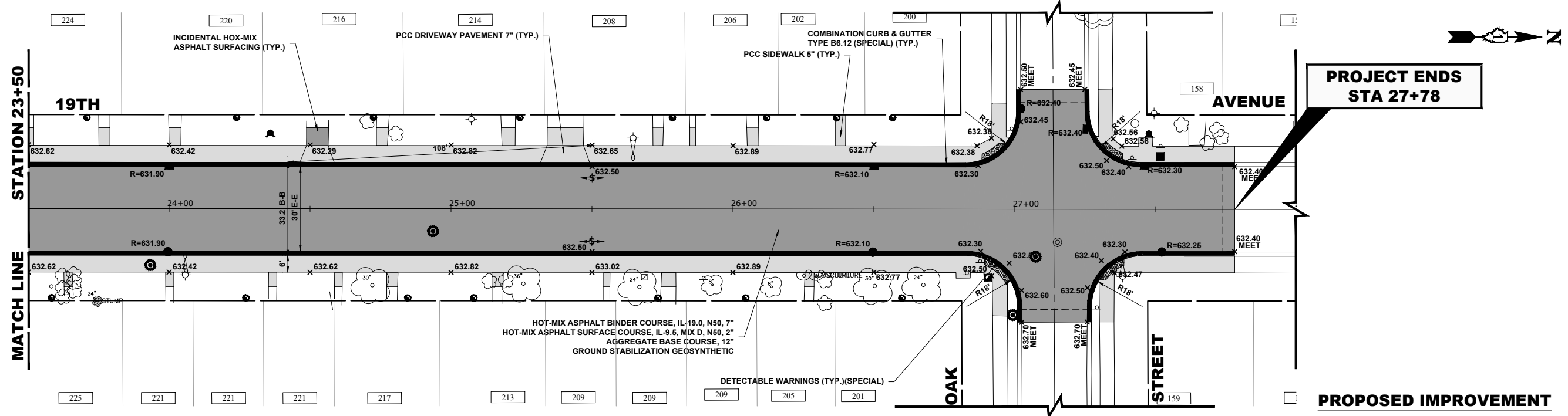
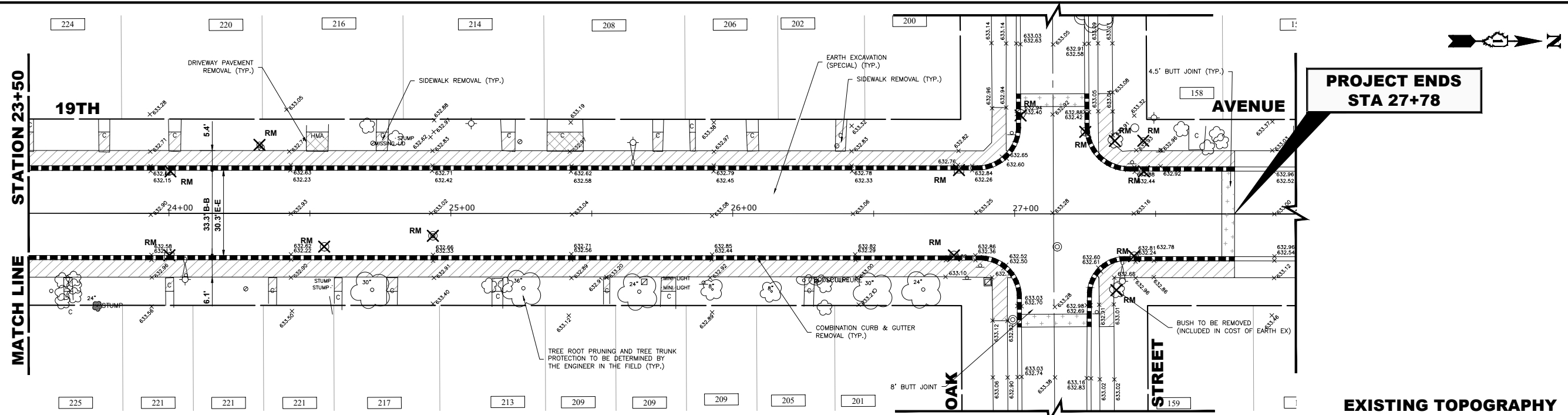
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
 PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2' SHEET NO. 5 OF 6 SHEETS STA. 19+00 TO STA. 23+50

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	22
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.I.E. PROJECT NO. 666-21-244



DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

19TH AVENUE
 PAVING PLAN AND PROFILE
 SCALE: H:1"=20', V:1"=2'
 SHEET NO. 6 OF 6 SHEETS
 STA. 26+00 TO STA. 28+00

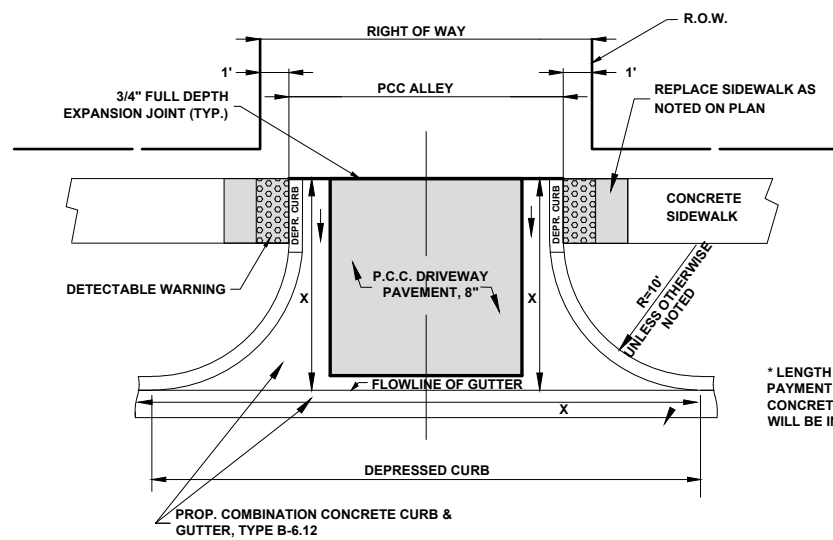
MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	23
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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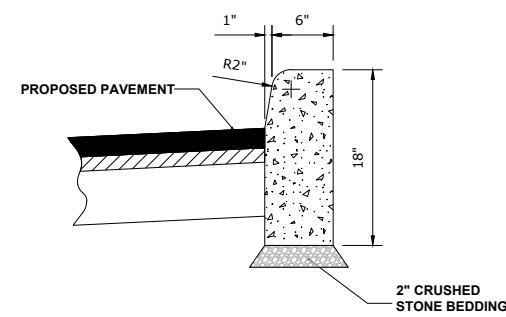
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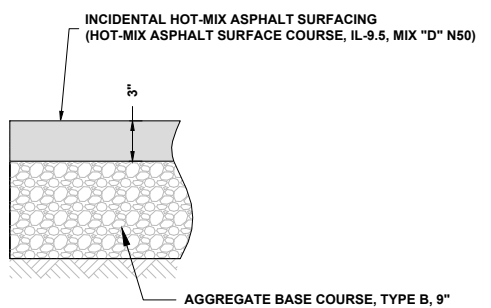


ALLEY RETURN

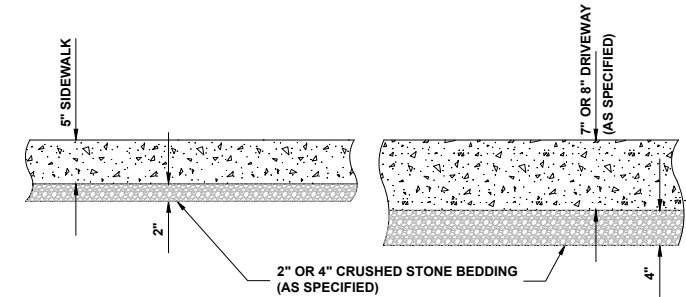
* LENGTH OF CURB TO BE MEASURED FOR PAYMENT NOTATED BY "X". ANY ADDITIONAL CONCRETE NECESSARY TO COMPLETE RADII WILL BE INCLUDED IN THIS LENGTH OF CURB



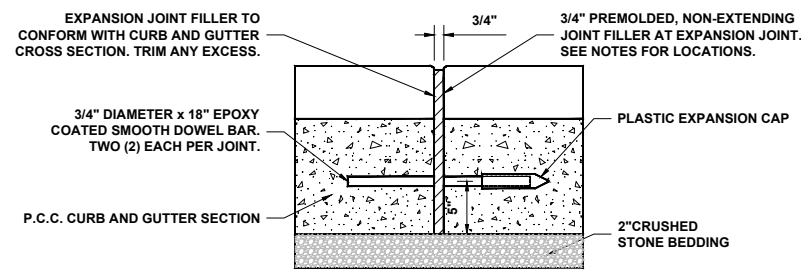
BARRIER CURB



INCIDENTAL HOT-MIX ASPHALT SURFACING

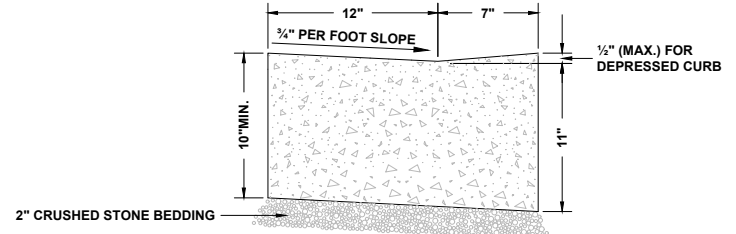


TYPICAL P.C.C. SIDEWALK AND DRIVEWAY DETAIL

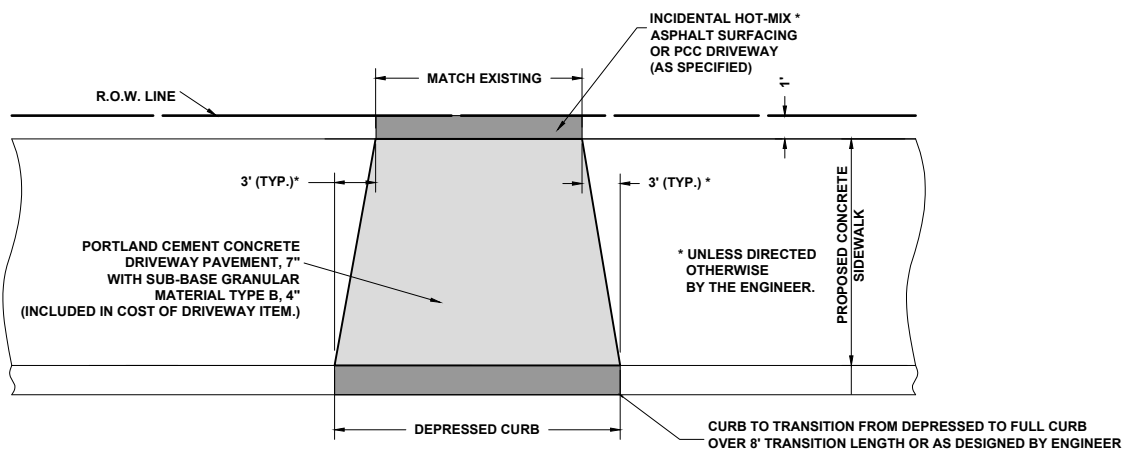


TYPICAL CURB AND GUTTER EXPANSION JOINT

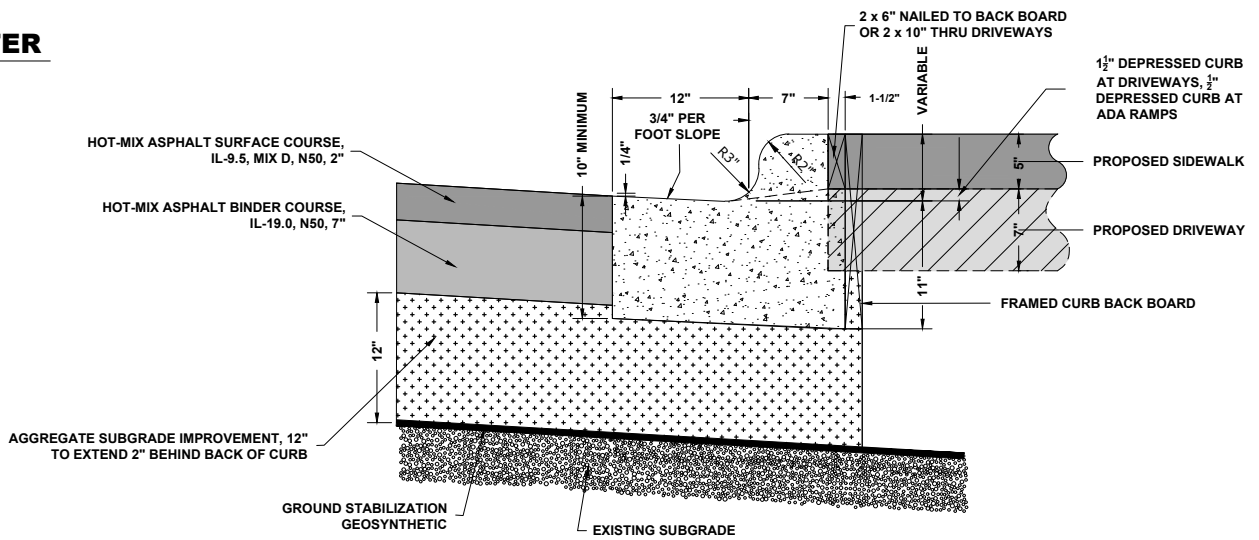
NOTE:
1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL PC'S & PT'S OF INTERSECTION RETURNS AND ALL OTHER SHORT RADIUS SECTIONS, CONSTRUCTION JOINTS, EVERY 50' ON TANGENT SECTIONS, AND AS DIRECTED BY THE ENGINEER.



CURB AND GUTTER AT A.D.A. RAMPS



P.C.C. DRIVEWAY



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

NOTE:
TO BE USED FOR ALL CURB AND GUTTER.

DESIGNED -	RP	REVISED -	
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DATE -	8-6-24	REVISED -	

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	24
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Roadway_Details.dwg Oct 27, 2024 - 11:10am

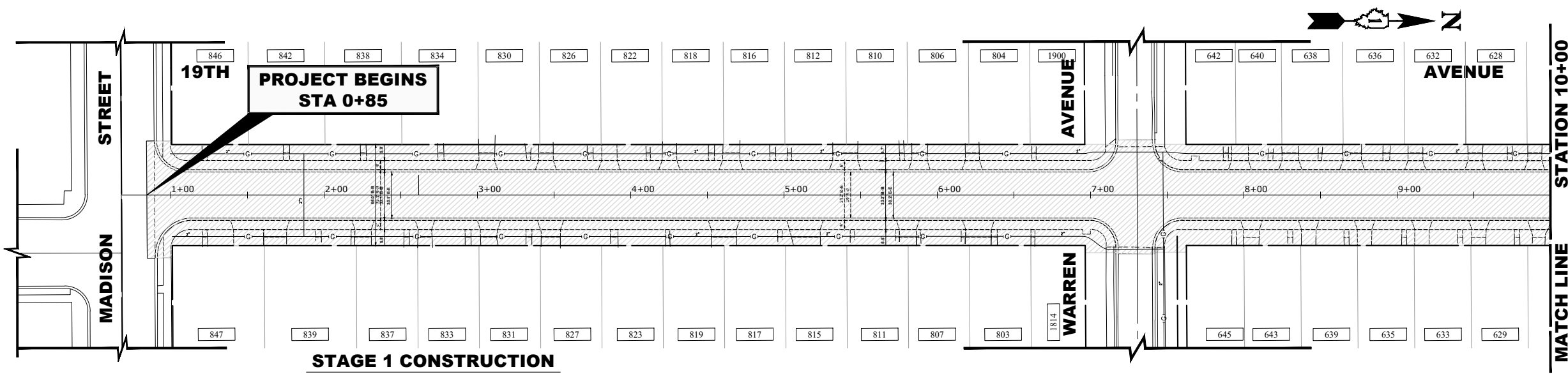
E.H.E. PROJECT NO. 56521-244

Drawing File: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Site\19TH AVE_Ph 2 40scale.dwg Oct 27, 2024 - 11:08am

LEGEND OF SYMBOLS					
SYMBOL	DESCRIPTION	CODE & SIZE	SYMBOL	DESCRIPTION	CODE & SIZE
	WORK ZONE SPEED LIMIT 25 \$250 FINE MINIMUM	W21-1115 36"x18" R2-1 36"x48" R2-1106P 36"x18"		STOP	R1-1 30"x30"
		M6-1(0) 21"x15"			R3-2 24"x24"
		M6-1(0) 21"x15"			R3-2 24"x24"
		W20-3 48"x48"		KEEP RIGHT 	R4-8a 24"x30"
		W20-1103 48"x48"		KEEP LEFT 	R4-8a 24"x30"
		R5-1 30"x30"		WRONG WAY	R5-1a 36"x24"
	ROAD CLOSED	R11-2 48"x30"		SIDEWALK CLOSED USE OTHER SIDE	R11-1102 24"x30"
				SIDEWALK CLOSED USE OTHER SIDE	R11-1102 24"x30"
				ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
				SIDEWALK CLOSED	R11-1101 24"x18"
				SIDEWALK CLOSED AHEAD CROSS HERE	R9-11a 24"x12"

NOTE:
CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGSA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA. KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK

E.H.E. PROJECT NO. 565-21-244

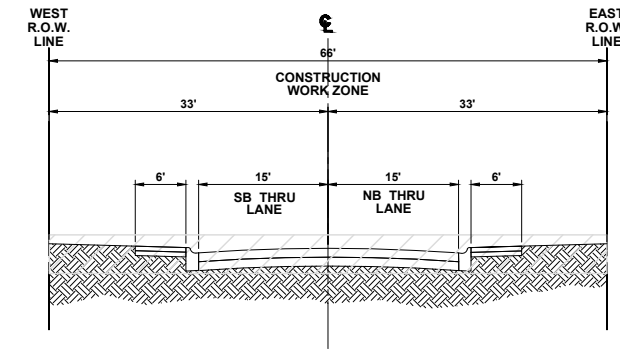


LEGEND

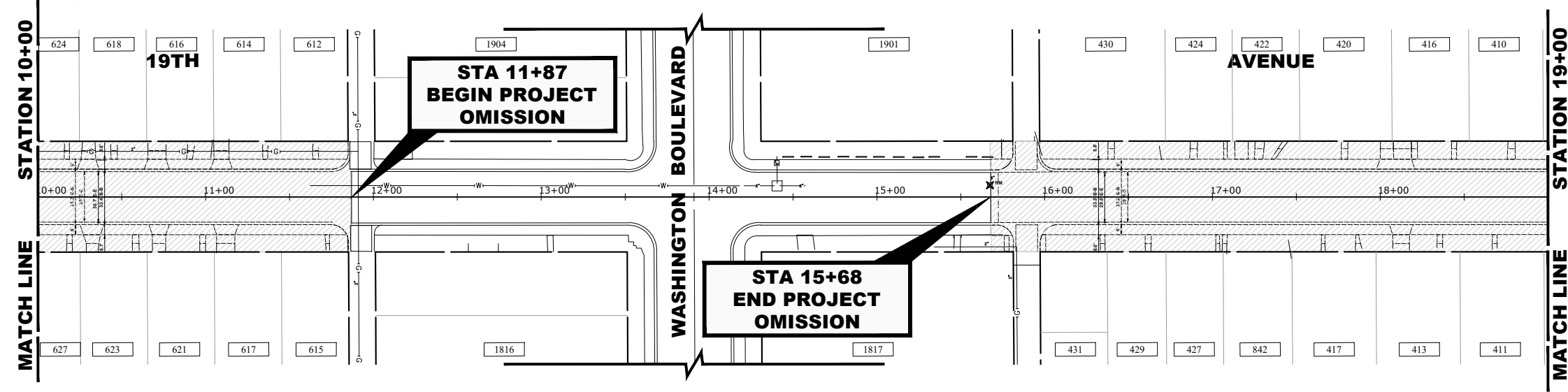
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
- 2A
- 2B

STAGE 1 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER AND SANITARY SEWER REPLACEMENT.
2. UTILITY WORK ITEMS SHALL BE LIMITED TO WORKING ON ONE SIDE OF THE STREET AT A TIME. THE CONTRACTOR SHALL FIRST COMPLETE THE INSTALLATION OF THE WATER MAIN AND WATER SERVICES FOR THE ENTIRE LENGTH OF 19TH AVENUE PRIOR TO BEGINNING ANY OTHER UNDERGROUND UTILITY WORK. THIS PROJECT WILL BE COMPLETED CONCURRENTLY WITH A LOCALLY LET LEAD WATER SERVICE REPLACEMENT PROJECT AND THE CONTRACTOR WILL BE REQUIRED TO COOPERATE BETWEEN CONTRACTORS TO COMPLETE THE WATER SERVICE REPLACEMENTS. THE CONTRACTOR WILL NOT BE ALLOWED TO ABANDON THE EXISTING WATERMAIN UNTIL THE LEAD SERVICE REPLACEMENTS HAVE BEEN COMPLETED. IT IS ANTICIPATED THAT MULTIPLE CREWS WILL BE NECESSARY TO COMPLETE THE PROJECT BY SIMULTANEOUSLY CONSTRUCTING WATER MAIN, WATER SERVICES, COMBINED SEWER WORK AND STORM SEWER IMPROVEMENTS. ONCE ALL UTILITY WORK SUCH AS WATER MAIN INSTALLATION, COMBINED SEWER IMPROVEMENTS AND STORM SEWER IMPROVEMENTS ARE COMPLETED, THE CONTRACTOR SHALL BEGIN STAGE 2 AS DETERMINED BY THE ENGINEER.
3. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 24 HOURS BEFORE ANY DRIVEWAYS ARE DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT IMMEDIATELY BEFORE ACCESS IS DISTURBED.
4. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLAN AND PROFILE ALONG 19TH AVENUE.
5. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF UTILITY IMPROVEMENTS.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR CROSSINGS SUCH AS WATER SERVICES OR STORM SEWERS. CROSSINGS TO BE TEMP ASPHALT PATCHED AFTER COMPLETING BACKFILL.
7. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
8. A DETOUR TO THROUGH TRAFFIC WILL BE PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN TO LOCAL TRAFFIC. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO PACE BUSES AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
9. WHEN WORKING ON WEST SIDE OF STREET, ON-STREET PARKING WILL BE ALLOWED ON THE EAST. THE CONTRACTOR WILL BE REQUIRED TO BAG/ REMOVE EXISTING NO PARKING SIGNAGE TO ALLOW PARKING.
10. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.



TYPICAL SECTION DURING STAGE I CONSTRUCTION



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DRAWN - SFB, DMM, ECW, GD	REVISED -
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DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

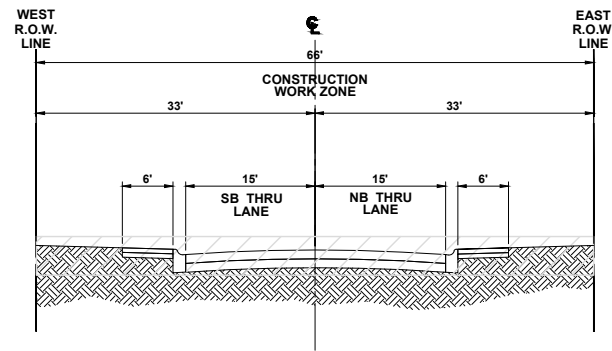
**MAINTENANCE OF TRAFFIC PLAN
 STAGE 1 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	26
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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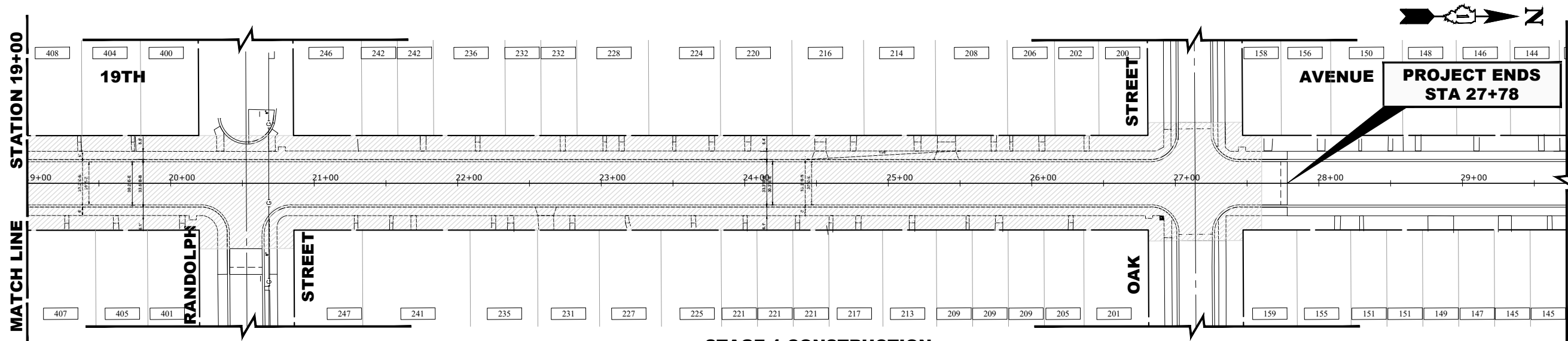
E.H.E. PROJECT NO. 565-21-244



**TYPICAL SECTION DURING
STAGE I CONSTRUCTION**

LEGEND

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
- 2A
- 2B



STAGE 1 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER AND SANITARY SEWER REPLACEMENT.
2. UTILITY WORK ITEMS SHALL BE LIMITED TO WORKING ON ONE SIDE OF THE STREET AT A TIME. THE CONTRACTOR SHALL FIRST COMPLETE THE INSTALLATION OF THE WATER MAIN AND WATER SERVICES FOR THE ENTIRE LENGTH OF 19TH AVENUE PRIOR TO BEGINNING ANY OTHER UNDERGROUND UTILITY WORK. THIS PROJECT WILL BE COMPLETED CONCURRENTLY WITH A LOCALLY LET LEAD WATER SERVICE REPLACEMENT PROJECT AND THE CONTRACTOR WILL BE REQUIRED TO COOPERATE BETWEEN CONTRACTORS TO COMPLETE THE WATER SERVICE REPLACEMENTS. THE CONTRACTOR WILL NOT BE ALLOWED TO ABANDON THE EXISTING WATERMAIN UNTIL THE LEAD SERVICE REPLACEMENTS HAVE BEEN COMPLETED. IT IS ANTICIPATED THAT MULTIPLE CREWS WILL BE NECESSARY TO COMPLETE THE PROJECT BY SIMULTANEOUSLY CONSTRUCTING WATER MAIN, WATER SERVICES, COMBINED SEWER WORK AND STORM SEWER IMPROVEMENTS. ONCE ALL UTILITY WORK SUCH AS WATER MAIN INSTALLATION, COMBINED SEWER IMPROVEMENTS AND STORM SEWER IMPROVEMENTS ARE COMPLETED, THE CONTRACTOR SHALL BEGIN STAGE 2 AS DETERMINED BY THE ENGINEER.
3. DRIVEWAYS ARE TO REMAIN OPEN THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 24 HOURS BEFORE ANY DRIVEWAYS ARE DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT IMMEDIATELY BEFORE ACCESS IS DISTURBED.
4. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLAN AND PROFILE ALONG 19TH AVENUE.
5. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF UTILITY IMPROVEMENTS.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR CROSSINGS SUCH AS WATER SERVICES OR STORM SEWERS. CROSSINGS TO BE TEMP ASPHALT PATCHED AFTER COMPLETING BACKFILL.
7. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
8. A DETOUR TO THROUGH TRAFFIC WILL BE PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN TO LOCAL TRAFFIC. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO PACE BUSES AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
9. WHEN WORKING ON WEST SIDE OF STREET, ON-STREET PARKING WILL BE ALLOWED ON THE EAST. THE CONTRACTOR WILL BE REQUIRED TO BAG/ REMOVE EXISTING NO PARKING SIGNAGE TO ALLOW PARKING.
10. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.

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 MUNICIPAL CONSULTANTS
 ESTABLISHED 1911
 9908 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708.666.0100
 www.hancock.com

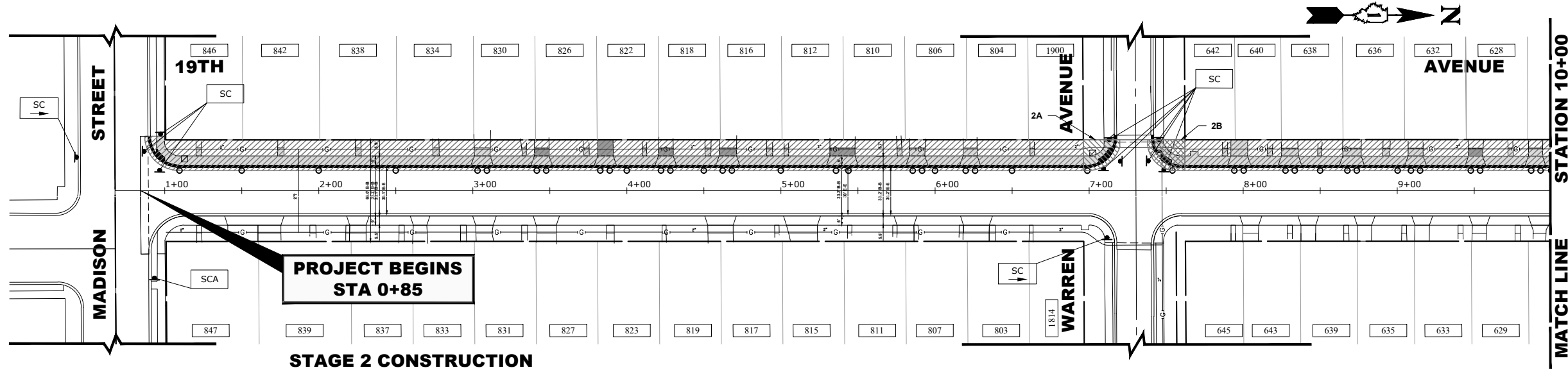
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DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN STAGE 1 CONSTRUCTION			
SCALE: 1" = 40'	SHEET NO. 2 OF 2 SHEETS	STA. 19+00	TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	27
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244



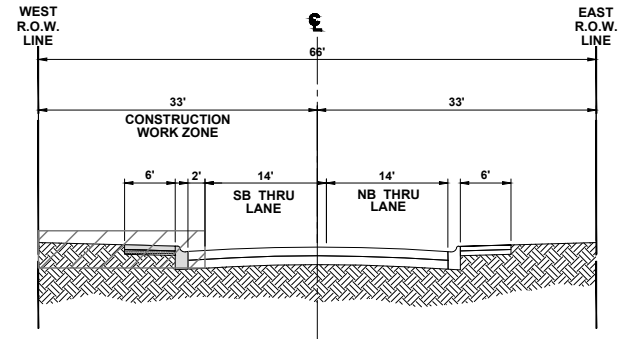
LEGEND

- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
- STAGE 2A
- STAGE 2B

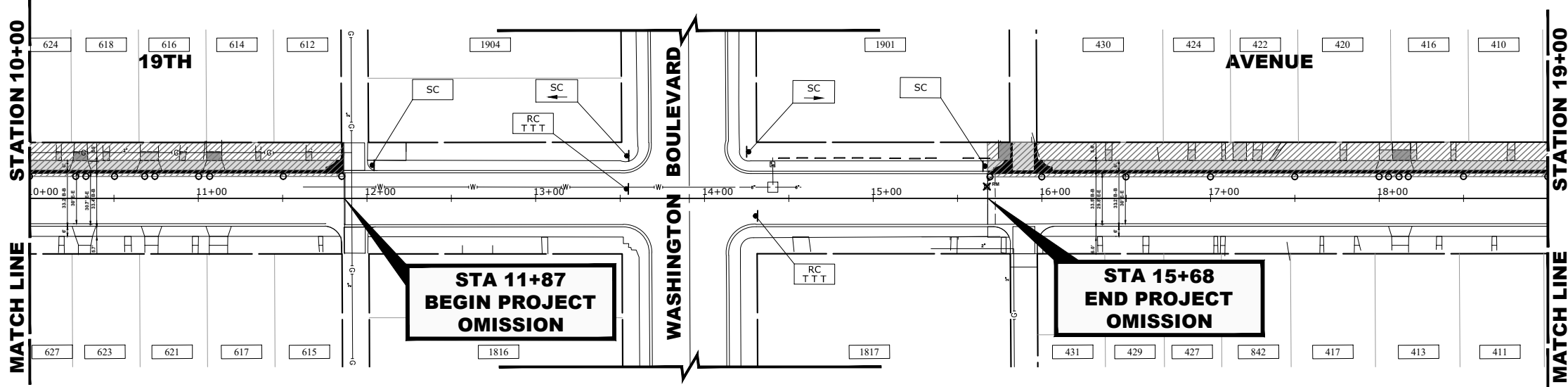
STAGE 2 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY, AND SIDEWALK ON THE WEST SIDE OF 19TH AVENUE AS INDICATED ON THE PROPOSED PAVING PLANS.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THE WEST SIDE OF 19TH AVENUE, THE CONTRACTOR SHALL RESTORE ACCESS WITH NEW CONCRETE IMPROVEMENTS TO THE RESIDENTS IN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. ALL CONCRETE CURB, CONCRETE WEDGE AND CONCRETE DRIVEWAY TO BE RESTORED AT THE CONCLUSION OF 14 CALENDAR DAYS FROM START OF REMOVAL. LIQUIDATED DAMAGES TO APPLY AT CONTRACT RATE PER CALENDAR DAY IF NOT RESTORED AT CONCLUSION OF 14 CALENDAR DAYS.
3. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL OF EXISTING CONCRETE CURB, SIDEWALK AND DRIVEWAY AND PERFORMING ALL PROPOSED REMOVALS AND CONCRETE IMPROVEMENTS AS SHOWN IN THE PAVING PLAN OF PROFILE ON THE WEST SIDE OF 19TH AVENUE.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF CONCRETE IMPROVEMENTS ON THE WEST SIDE OF 19TH AVENUE.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB & GUTTER AND SIDEWALK REMOVAL & REPLACEMENT.
6. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
7. STAGE 2 MUST BE ENTIRELY COMPLETED PRIOR TO MOVING TO STAGE 3. ACCESS TO DRIVEWAYS AND VOIDS AT THE EDGE OF PAVEMENT MUST BE FILLED BY USE OF TEMPORARY AGGREGATE PRIOR TO MOVING TO STAGE 4.
8. WHILE A DETOUR IS PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO THEM AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
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10. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.

12. WARREN STREET, RANDOLPH STREET AND OAK STREET SIDEWALK TO BE STAGED AS 2A AND 2B SO THAT THERE IS ALWAYS ONE CROSSWALK ACROSS 19TH AVENUE AVAILABLE, SIDEWALK CLOSED, USED OTHER SIDE SIGNS TO BE USED AND MOVED ACCORDINGLY.
13. COOPERATION BETWEEN CONTRACTORS TO COMPLETE THE LEAD WATER SERVICE REPLACEMENT PROJECT TO BE COMPLETED CONCURRENTLY WITH THIS PROJECT WILL BE NECESSARY DURING THIS STAGE. EFFORTS SHALL BE MADE TO ALLOW FOR THE LEAD SERVICE REPLACEMENT WORK TO OCCUR DURING THIS STAGE.



TYPICAL SECTION DURING STAGE II CONSTRUCTION



HANCOCK ENGINEERING
 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 7908 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708/666-0300
 www.hancock.com

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DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

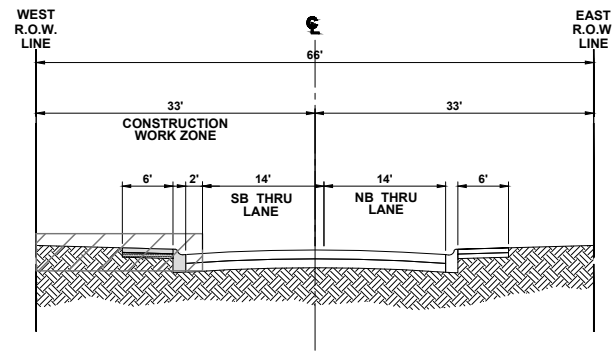
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
 STAGE 2 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	28
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

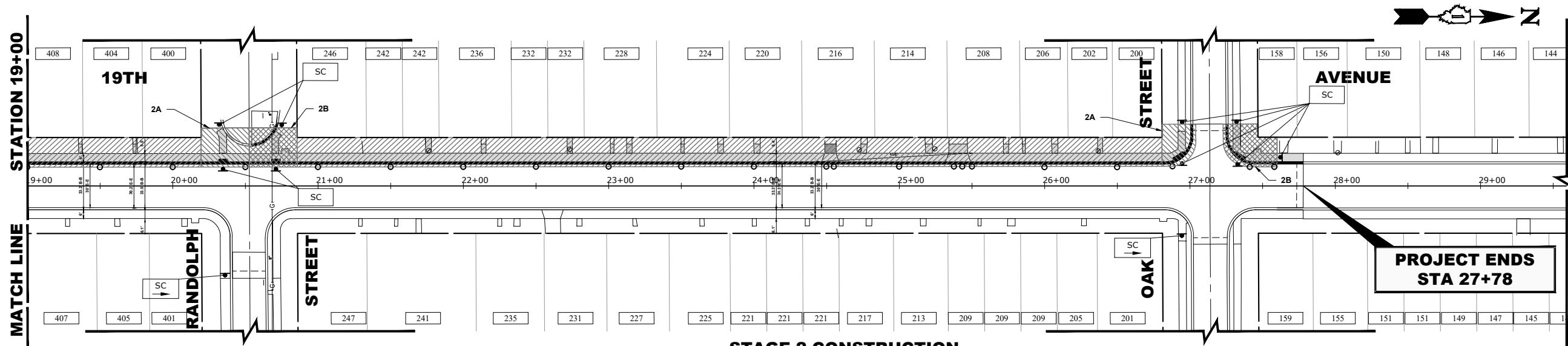
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 Oct 27, 2024 - 11:16am
 E.H.E. PROJECT NO. 565-21-244



**TYPICAL SECTION DURING
STAGE II CONSTRUCTION**

LEGEND

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW
	HOT-MIX SURFACE ASPHALT
	PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
	DRUMS OR TYPE II BARRICADES
	TYPE III BARRICADE
	TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
	STAGE 2A
	STAGE 2B



STAGE 2 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY, AND SIDEWALK ON THE WEST SIDE OF 19TH AVENUE AS INDICATED ON THE PROPOSED PAVING PLANS.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THE WEST SIDE OF 19TH AVENUE, THE CONTRACTOR SHALL RESTORE ACCESS WITH NEW CONCRETE IMPROVEMENTS TO THE RESIDENTS IN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. ALL CONCRETE CURB, CONCRETE WEDGE AND CONCRETE DRIVEWAY TO BE RESTORED AT THE CONCLUSION OF 14 CALENDAR DAYS FROM START OF REMOVAL. LIQUIDATED DAMAGES TO APPLY AT CONTRACT RATE PER CALENDAR DAY IF NOT RESTORED AT CONCLUSION OF 14 CALENDAR DAYS.
3. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL OF EXISTING CONCRETE CURB, SIDEWALK AND DRIVEWAY AND PERFORMING ALL PROPOSED REMOVALS AND CONCRETE IMPROVEMENTS AS SHOWN IN THE PAVING PLAN OF PROFILE ON THE WEST SIDE OF 19TH AVENUE.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF CONCRETE IMPROVEMENTS ON THE WEST SIDE OF 19TH AVENUE.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB & GUTTER AND SIDEWALK REMOVAL & REPLACEMENT.
6. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
7. STAGE 2 MUST BE ENTIRELY COMPLETED PRIOR TO MOVING TO STAGE 3. ACCESS TO DRIVEWAYS AND VOIDS AT THE EDGE OF PAVEMENT MUST BE FILLED BY USE OF TEMPORARY AGGREGATE PRIOR TO MOVING TO STAGE 4.
8. WHILE A DETOUR IS PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO THEM AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
9. WHEN WORKING ON WEST SIDE OF STREET, ON-STREET PARKING WILL BE ALLOWED ON THE EAST. THE CONTRACTOR WILL BE REQUIRED TO BAG/ REMOVE EXISTING NO PARKING SIGNAGE TO ALLOW PARKING.
10. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
12. WARREN STREET, RANDOLPH STREET AND OAK STREET SIDEWALK TO BE STAGED AS 2A AND 2B SO THAT THERE IS ALWAYS ONE CROSSWALK ACROSS 19TH AVENUE AVAILABLE, SIDEWALK CLOSED, USED OTHER SIDE SIGNS TO BE USED AND MOVED ACCORDINGLY.
13. COOPERATION BETWEEN CONTRACTORS TO COMPLETE THE LEAD WATER SERVICE REPLACEMENT PROJECT TO BE COMPLETED CONCURRENTLY WITH THIS PROJECT WILL BE NECESSARY DURING THIS STAGE. EFFORTS SHALL BE MADE TO ALLOW FOR THE LEAD SERVICE REPLACEMENT WORK TO OCCUR DURING THIS STAGE.

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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 9708 Roosevelt Road
 Westchester, IL 60591-2928
 Phone: 708.666.0100
 www.hancock.com

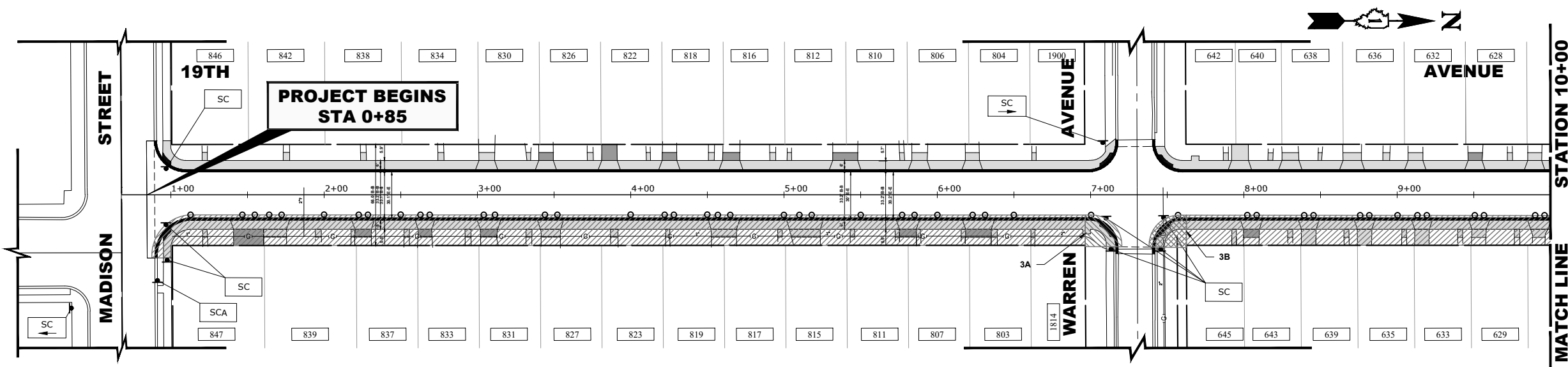
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DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN STAGE 2 CONSTRUCTION			
SCALE: 1" = 40'	SHEET NO. 2 OF 2 SHEETS	STA. 19+00	TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	29
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

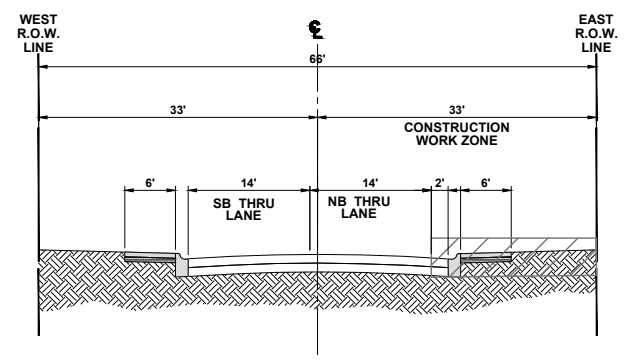


LEGEND

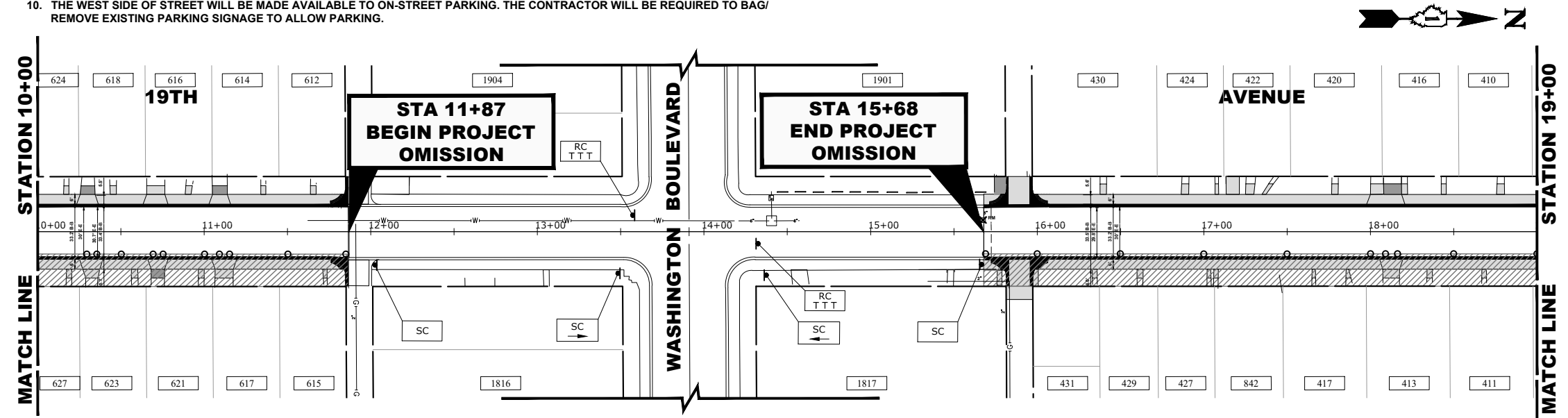
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
- STAGE 3A
- STAGE 3B

STAGE 3 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY, AND SIDEWALK ON THE EAST SIDE OF 19TH AVENUE AS INDICATED ON THE PROPOSED PAVING PLANS.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THE EAST SIDE OF 19TH AVENUE, THE CONTRACTOR SHALL RESTORE ACCESS WITH NEW CONCRETE IMPROVEMENTS TO THE RESIDENTS IN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. ALL CONCRETE CURB, CONCRETE WEDGE AND CONCRETE DRIVEWAY TO BE RESTORED AT THE CONCLUSION OF 14 CALENDAR DAYS FROM START OF REMOVAL. LIQUIDATED DAMAGES TO APPLY AT CONTRACT RATE PER CALENDAR DAY IF NOT RESTORED AT CONCLUSION OF 14 CALENDAR DAYS.
3. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL OF EXISTING CONCRETE CURB, SIDEWALK AND DRIVEWAY AND PERFORMING ALL PROPOSED REMOVALS AND CONCRETE IMPROVEMENTS AS SHOWN IN THE PAVING PLAN OF PROFILE ON THE EAST SIDE OF 19TH AVENUE.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF CONCRETE IMPROVEMENTS ON THE EAST SIDE OF 19TH AVENUE.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB & GUTTER AND SIDEWALK REMOVAL & REPLACEMENT.
6. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
7. STAGE 3 MUST BE ENTIRELY COMPLETED PRIOR TO MOVING TO STAGE 4. ACCESS TO DRIVEWAYS AND VOIDS AT THE EDGE OF PAVEMENT MUST BE FILLED BY USE OF TEMPORARY AGGREGATE PRIOR TO MOVING TO STAGE 4.
8. WHILE A DETOUR IS PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO THEM AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
9. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
10. THE WEST SIDE OF STREET WILL BE MADE AVAILABLE TO ON-STREET PARKING. THE CONTRACTOR WILL BE REQUIRED TO BAG/ REMOVE EXISTING PARKING SIGNAGE TO ALLOW PARKING.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
12. WARREN STREET, RANDOLPH STREET AND OAK STREET SIDEWALK TO BE STAGED AS 3A AND 3B SO THAT THERE IS ALWAYS ONE CROSSWALK ACROSS 19TH AVENUE AVAILABLE, SIDEWALK CLOSED, USED OTHER SIDE SIGNS TO BE USED AND MOVED ACCORDINGLY.
13. COOPERATION BETWEEN CONTRACTORS TO COMPLETE THE LEAD WATER SERVICE REPLACEMENT PROJECT TO BE COMPLETED CONCURRENTLY WITH THIS PROJECT WILL BE NECESSARY DURING THIS STAGE. EFFORTS SHALL BE MADE TO ALLOW FOR THE LEAD SERVICE REPLACEMENT WORK TO OCCUR DURING THIS STAGE.



TYPICAL SECTION DURING STAGE III CONSTRUCTION



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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911

9700 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708/666-0100
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DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

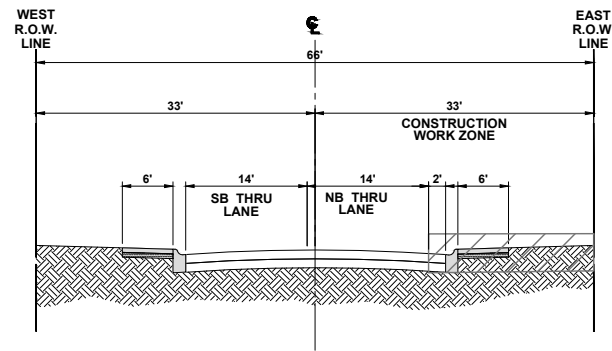
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
 STAGE 3 CONSTRUCTION

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	30
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

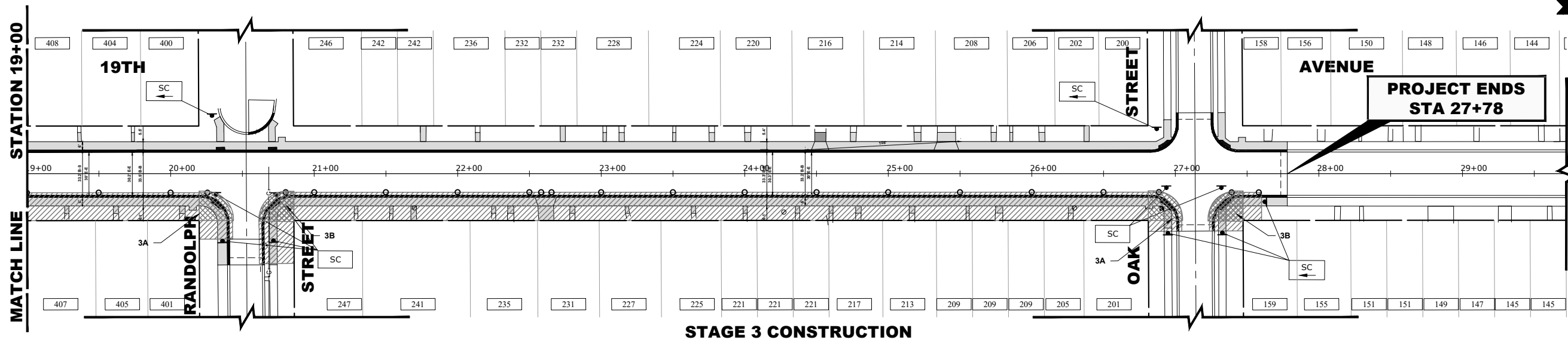
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 Oct 27, 2024 - 11:15am
 E.H.E. PROJECT NO. 565-21-244



**TYPICAL SECTION DURING
STAGE III CONSTRUCTION**

LEGEND

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW
	HOT-MIX SURFACE ASPHALT
	PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
	DRUMS OR TYPE II BARRICADES
	TYPE III BARRICADE
	TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION
	STAGE 3A
	STAGE 3B



STAGE 3 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY, AND SIDEWALK ON THE EAST SIDE OF 19TH AVENUE AS INDICATED ON THE PROPOSED PAVING PLANS.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THE EAST SIDE OF 19TH AVENUE, THE CONTRACTOR SHALL RESTORE ACCESS WITH NEW CONCRETE IMPROVEMENTS TO THE RESIDENTS IN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. ALL CONCRETE CURB, CONCRETE WEDGE AND CONCRETE DRIVEWAY TO BE RESTORED AT THE CONCLUSION OF 14 CALENDAR DAYS FROM START OF REMOVAL. LIQUIDATED DAMAGES TO APPLY AT CONTRACT RATE PER CALENDAR DAY IF NOT RESTORED AT CONCLUSION OF 14 CALENDAR DAYS.
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4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND INSTALLATION OF CONCRETE IMPROVEMENTS ON THE EAST SIDE OF 19TH AVENUE.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB & GUTTER AND SIDEWALK REMOVAL & REPLACEMENT.
6. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION AHEAD SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ROAD CLOSED SIGNS TO BE TAKEN DOWN AT END OF DAY.
7. STAGE 3 MUST BE ENTIRELY COMPLETED PRIOR TO MOVING TO STAGE 4. ACCESS TO DRIVEWAYS AND VOIDS AT THE EDGE OF PAVEMENT MUST BE FILLED BY USE OF TEMPORARY AGGREGATE PRIOR TO MOVING TO STAGE 4.
8. WHILE A DETOUR IS PUT IN PLACE, IT IS ANTICIPATED THAT DURING THIS STAGE, 19TH AVENUE WILL REMAIN OPEN. ROAD CLOSED TO THROUGH TRAFFIC SIGNS SHALL BE UTILIZED DURING THE COURSE OF THE CONSTRUCTION DAY, BUT SHALL ONLY BE USED FOR THE CURRENT WORK AREA. AREAS TO BE COMPLETELY BACKFILLED AT END OF DAY UP TO EXISTING SURFACE TO BE ACCESSIBLE FOR TRAFFIC. IT IS ANTICIPATED THAT BUSES WILL CONTINUE TO USE THIS ROUTE. THROUGH ACCESS MUST BE MADE AVAILABLE TO THEM AT ALL TIMES. ON STREET PARKING TO BE MADE ACCESSIBLE AT END OF CONSTRUCTION DAY.
9. EQUIPMENT & MATERIALS NEED TO BE STORED IN A MANNER THAT MINIMIZES SPACE. STOCKPILING OF SPOILS WILL NOT BE ALLOWED. AREAS TO BE UTILIZED FOR EQUIPMENT AND MATERIALS WILL BE DONE SO AS APPROVED BY THE ENGINEER.
10. THE WEST SIDE OF STREET WILL BE MADE AVAILABLE TO ON-STREET PARKING. THE CONTRACTOR WILL BE REQUIRED TO BAG/ REMOVE EXISTING PARKING SIGNAGE TO ALLOW PARKING.
11. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
12. WARREN STREET, RANDOLPH STREET AND OAK STREET SIDEWALK TO BE STAGED AS 3A AND 3B SO THAT THERE IS ALWAYS ONE CROSSWALK ACROSS 19TH AVENUE AVAILABLE, SIDEWALK CLOSED, USED OTHER SIDE SIGNS TO BE USED AND MOVED ACCORDINGLY.
13. COOPERATION BETWEEN CONTRACTORS TO COMPLETE THE LEAD WATER SERVICE REPLACEMENT PROJECT TO BE COMPLETED CONCURRENTLY WITH THIS PROJECT WILL BE NECESSARY DURING THIS STAGE. EFFORTS SHALL BE MADE TO ALLOW FOR THE LEAD SERVICE REPLACEMENT WORK TO OCCUR DURING THIS STAGE.

Drawing File: W:\Projects_by_Village\Woodstock\56521244 - 19th Avenue Phase II\Site\19th Ave_Ph 2 40scale.dwg Oct 27, 2024 - 11:20am

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 Municipal Consultants
 Established 1911
 9700 Roosevelt Road
 Westchester, IL 60591-2908
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DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

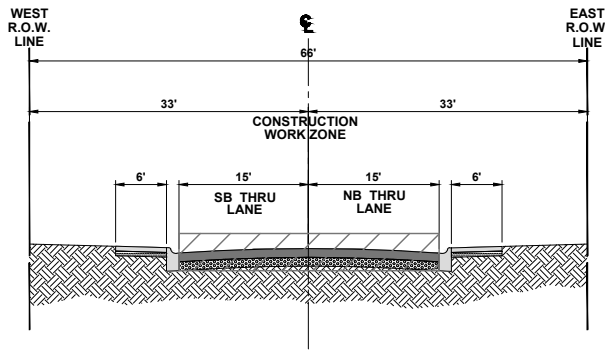
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
STAGE 3 CONSTRUCTION**

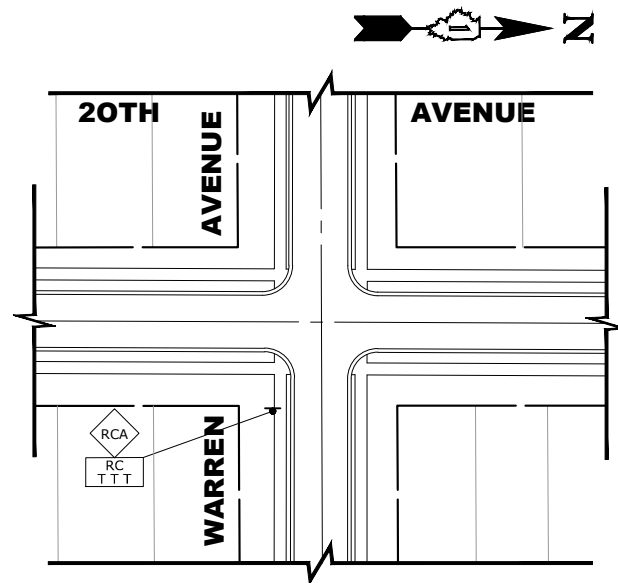
SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 19+00 TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	31
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

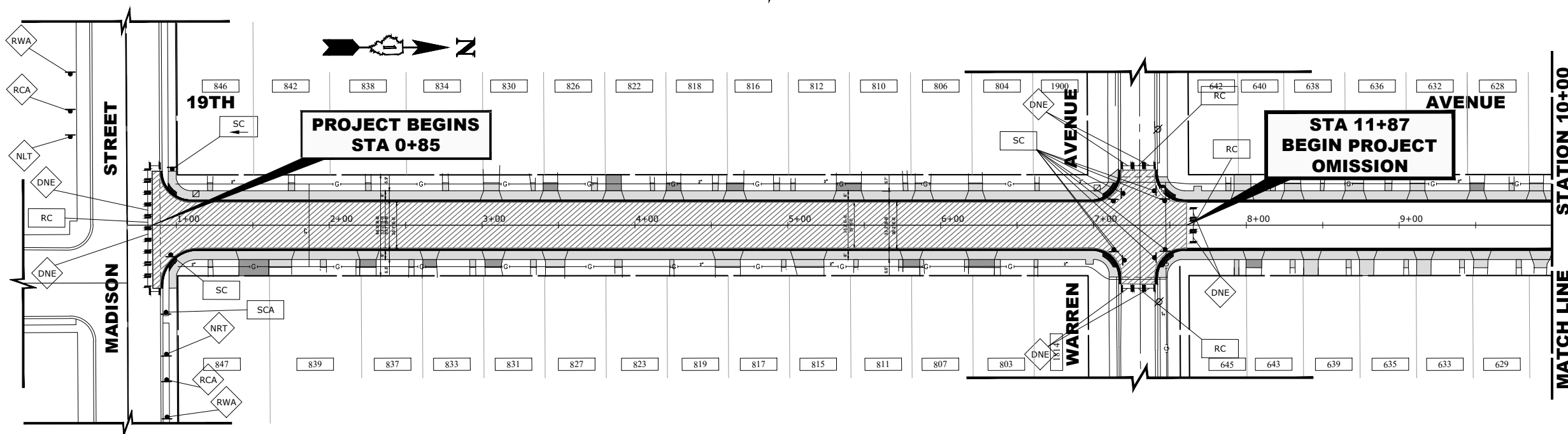


TYPICAL SECTION DURING STAGE IV CONSTRUCTION



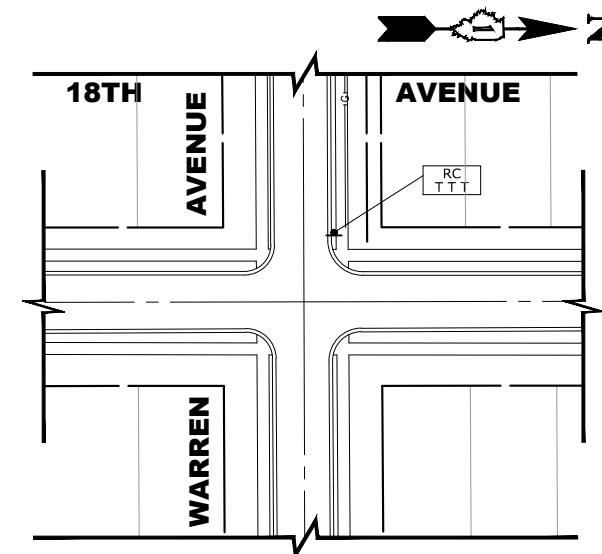
LEGEND

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW
	HOT-MIX SURFACE ASPHALT
	PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
	DRUMS OR TYPE II BARRICADES
	TYPE III BARRICADE
	TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION



STAGE 4 CONSTRUCTION

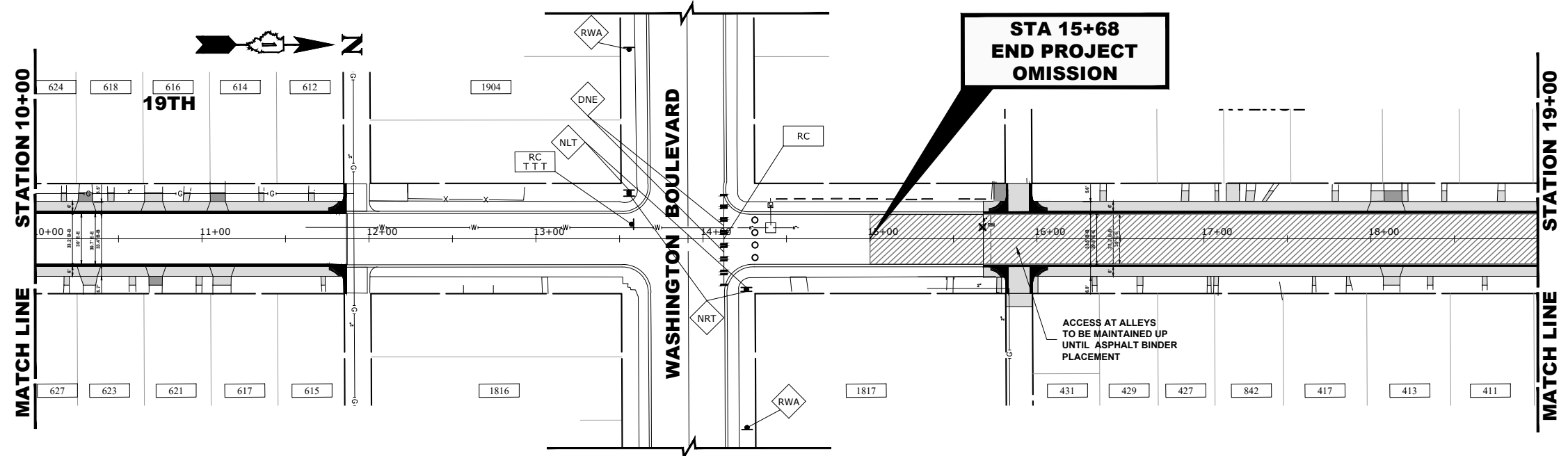
- WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS (FROM MADISON STREET TO WARREN STREET AND WASHINGTON BOULEVARD TO RANDOLPH STREET) AS SHOWN IN THIS MAINTENANCE OF TRAFFIC PLAN AND ACCORDING TO THE PAVING PLAN AND PROFILE.
- ONCE THE CONTRACTOR STARTS REMOVALS (IN GIVEN BLOCK DESCRIBED ABOVE), THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE IMPROVEMENT AND HOT-MIX ASPHALT BINDER COURSE WITHIN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
- DURING THE PHASE THE ROADWAY SHALL BE CLOSED COMPLETELY UTILIZING ROAD CLOSED TRAFFIC CONTROL AND PROTECTION TO COMPLETE ROADWAY EXCAVATION, AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE PLACEMENT.
- INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
- ALL HOT-MIX ASPHALT SURFACE COURSE TO BE COMPLETED IN STAGE 6.
- EQUIPMENT AND MATERIALS STAGING TO REMAIN INSIDE CONSTRUCTION ZONE. NO EQUIPMENT OR MATERIALS WILL BE ALLOWED TO BE STORED OUTSIDE DESIGNATED AREA.
- ON-STREET PARKING OUTSIDE OF CONSTRUCTION ZONE WILL BE ALLOWED ON WEST SIDE OF 19TH AVENUE. ANY EXISTING PARKING SIGNS SHALL BE BAGGED/ REMOVED BY THE CONTRACTOR.
- PRIOR TO BEGINNING STAGE 4, THE CONTRACTOR SHALL PROVIDE THE ENGINEER A MINIMUM OF THREE WEEKS NOTICE THE DATE TO BEGIN EARTH EXCAVATION. UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO BEGIN PRIOR TO THAT DATE.
- ANY PROPOSED STEEL LIGHTING CONDUIT WITHIN THE MARKED CONSTRUCTION ZONE SHALL BE COMPLETED BY OPEN CUT INSTALLATION DURING THIS STAGE.
- CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
- STAGE 4 MUST BE COMPLETED PRIOR TO BEGINNING STAGE 5.



DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

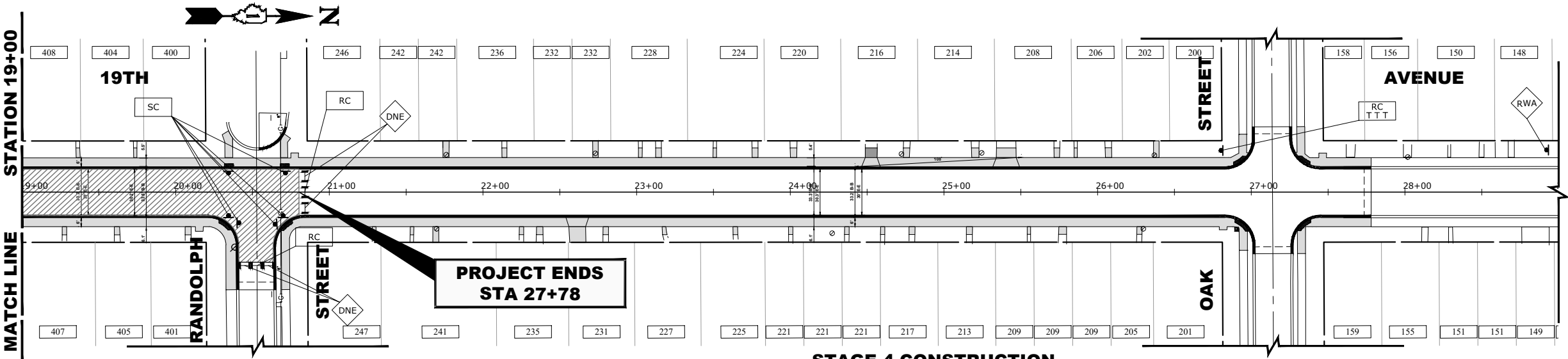
MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	32
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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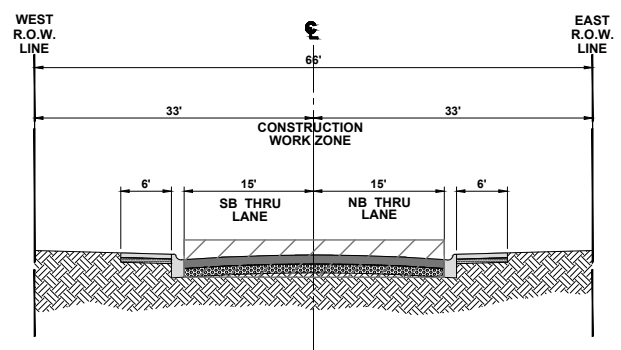
LEGEND

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW
	HOT-MIX SURFACE ASPHALT
	PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
	DRUMS OR TYPE II BARRICADES
	TYPE III BARRICADE
	TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION

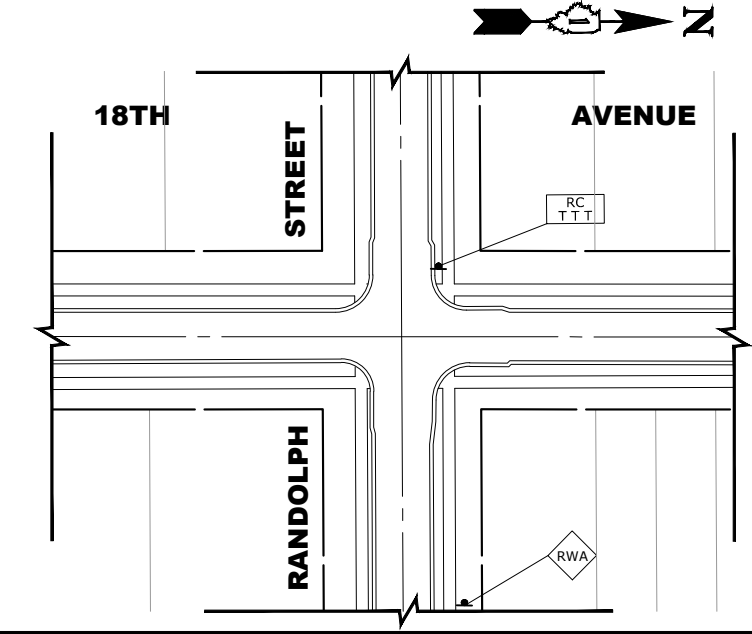


STAGE 4 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS (FROM MADISON STREET TO WARREN STREET AND WASHINGTON BOOULEVARD TO RANDOLPH STREET) AS SHOWN IN THIS MAINTENANCE OF TRAFFIC PLAN AND ACCORDING TO THE PAVING PLAN AND PROFILE.
2. ONCE THE CONTRACTOR STARTS REMOVALS (IN GIVEN BLOCK DESCRIBED ABOVE), THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE IMPROVEMENT AND HOT-MIX ASPHALT BINDER COURSE WITHIN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
3. DURING THE PHASE THE ROADWAY SHALL BE CLOSED COMPLETELY UTILIZING ROAD CLOSED TRAFFIC CONTROL AND PROTECTION TO COMPLETE ROADWAY EXCAVATION, AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE PLACEMENT.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
5. ALL HOT-MIX ASPHALT SURFACE COURSE TO BE COMPLETED IN STAGE 6.
6. EQUIPMENT AND MATERIALS STAGING TO REMAIN INSIDE CONSTRUCTION ZONE. NO EQUIPMENT OR MATERIALS WILL BE ALLOWED TO BE STORED OUTSIDE DESIGNATED AREA.
7. ON-STREET PARKING OUTSIDE OF CONSTRUCTION ZONE WILL BE ALLOWED ON WEST SIDE OF 19TH AVENUE. ANY EXISTING PARKING SIGNS SHALL BE BAGGED/ REMOVED BY THE CONTRACTOR.
8. PRIOR TO BEGINNING STAGE 4, THE CONTRACTOR SHALL PROVIDE THE ENGINEER A MINIMUM OF THREE WEEKS NOTICE THE DATE TO BEGIN EARTH EXCAVATION. UNDER NO CIRCUMSTANCE WILL THE CONTRACTOR BE ALLOWED TO BEGIN PRIOR TO THAT DATE.
9. ANY PROPOSED STEEL LIGHTING CONDUIT WITHIN THE MARKED CONSTRUCTION ZONE SHALL BE COMPLETED BY OPEN CUT INSTALLATION DURING THIS STAGE.
10. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
11. STAGE 4 MUST BE COMPLETED PRIOR TO BEGINNING STAGE 5.



TYPICAL SECTION DURING STAGE IV CONSTRUCTION



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 MUNICIPAL CONSULTANTS
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 9700 Roosevelt Road
 Westchester, IL 60591-2908
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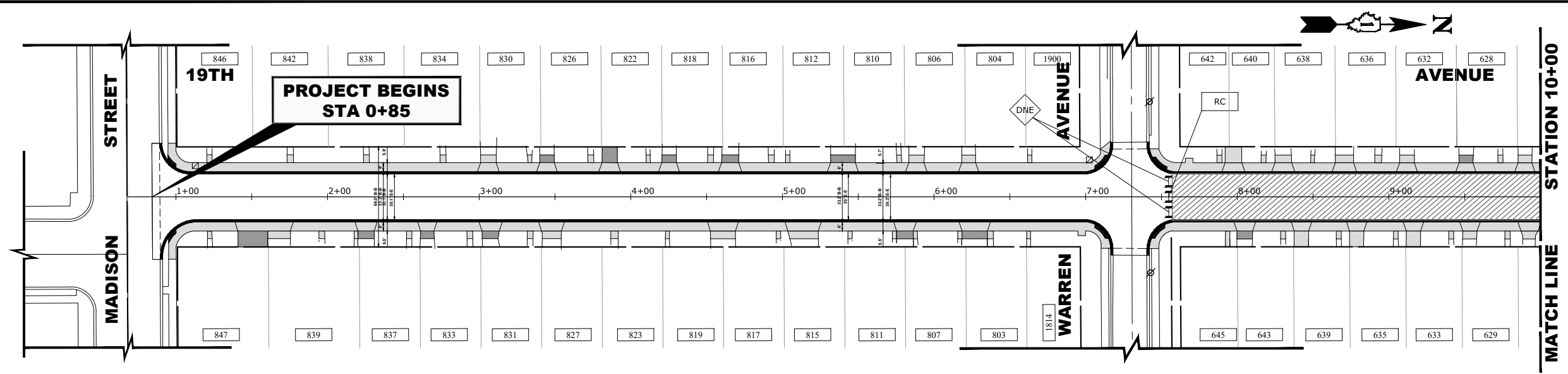
DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN STAGE 4 CONSTRUCTION	
SCALE: 1" = 40'	SHEET NO. 2 OF 2 SHEETS
STA. 19+00	TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	33
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

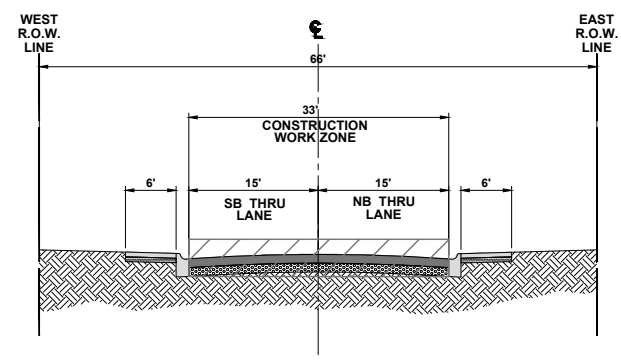


LEGEND

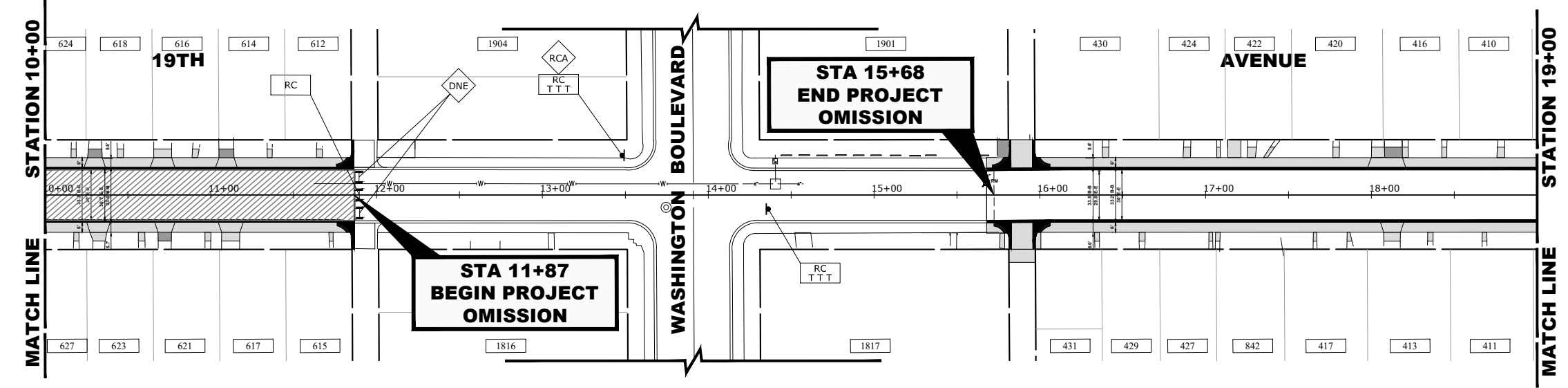
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION

STAGE 5 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS (FROM MADISON STREET TO WARREN STREET AND WASHINGTON BOULEVARD TO RANDOLPH STREET) AS SHOWN IN THIS MAINTENANCE OF TRAFFIC PLAN AND ACCORDING TO THE PAVING PLAN AND PROFILE.
2. ONCE THE CONTRACTOR STARTS REMOVALS (IN GIVEN BLOCK DESCRIBED ABOVE), THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE IMPROVEMENT AND HOT-MIX ASPHALT BINDER COURSE WITHIN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
3. DURING THE PHASE THE ROADWAY SHALL BE CLOSED COMPLETELY UTILIZING ROAD CLOSED TRAFFIC CONTROL AND PROTECTION TO COMPLETE ROADWAY EXCAVATION, AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE PLACEMENT.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
5. ALL HOT-MIX ASPHALT SURFACE COURSE TO BE COMPLETED IN STAGE 6.
6. EQUIPMENT AND MATERIALS STAGING TO REMAIN INSIDE CONSTRUCTION ZONE. NO EQUIPMENT OR MATERIALS WILL BE ALLOWED TO BE STORED OUTSIDE DESIGNATED AREA.
7. ON-STREET PARKING OUTSIDE OF CONSTRUCTION ZONE WILL BE ALLOWED ON WEST SIDE OF 19TH AVENUE. ANY EXISTING PARKING SIGNS SHALL BE BAGGED/ REMOVED BY THE CONTRACTOR.
8. ANY PROPOSED STEEL LIGHTING CONDUIT WITHIN THE MARKED CONSTRUCTION ZONE SHALL BE COMPLETED BY OPEN CUT INSTALLATION DURING THIS STAGE.
9. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
10. STAGE 4 MUST BE COMPLETED PRIOR TO BEGINNING STAGE 5.



TYPICAL SECTION DURING STAGE V CONSTRUCTION



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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 7908 Roosevelt Road
 Westchester, IL 60154-2508
 Phone: 708/666-0300
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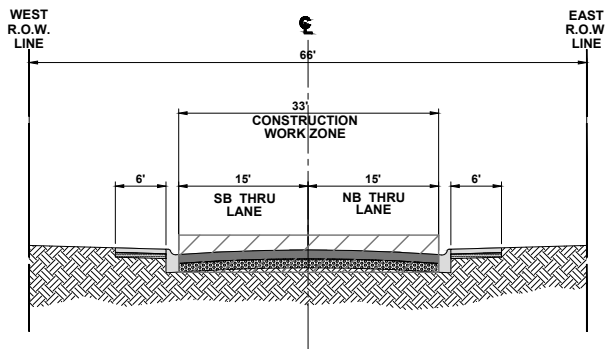
DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

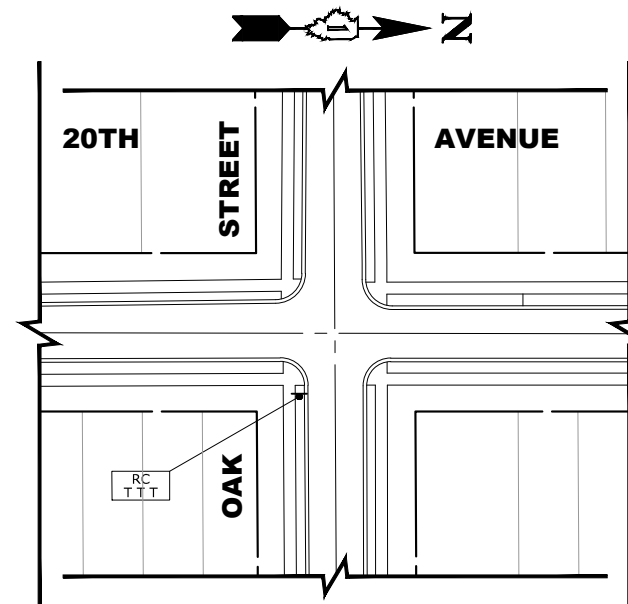
**MAINTENANCE OF TRAFFIC PLAN
 STAGE 5 CONSTRUCTION**
 SCALE: 1" = 40'
 SHEET NO. 1 OF 2 SHEETS
 STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	34
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

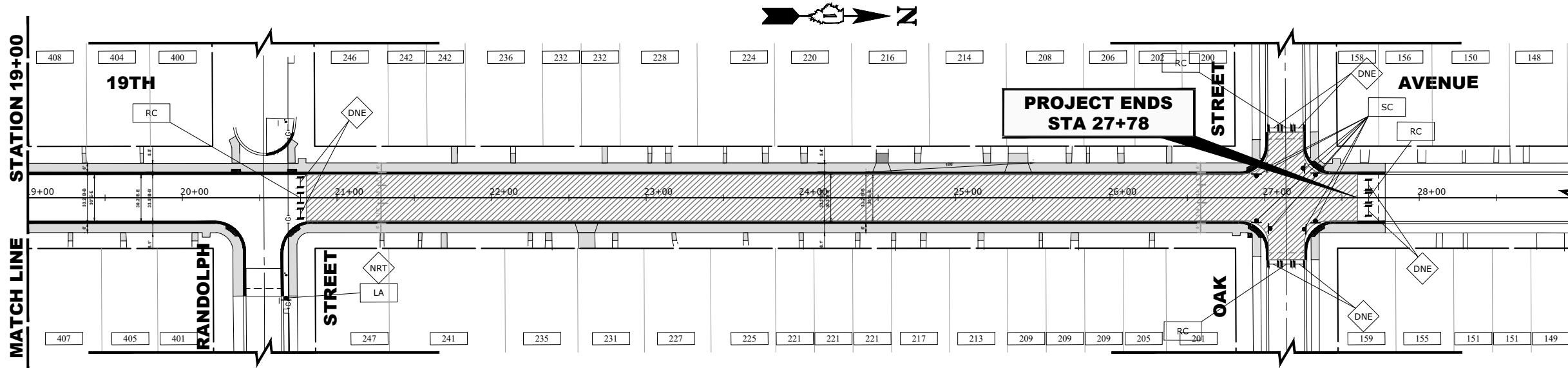
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 E.I.E. PROJECT NO. 565-21-244



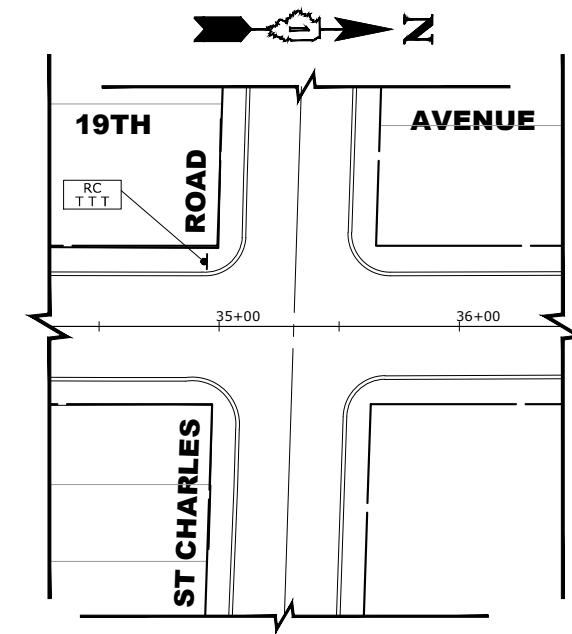
**TYPICAL SECTION DURING
STAGE V CONSTRUCTION**



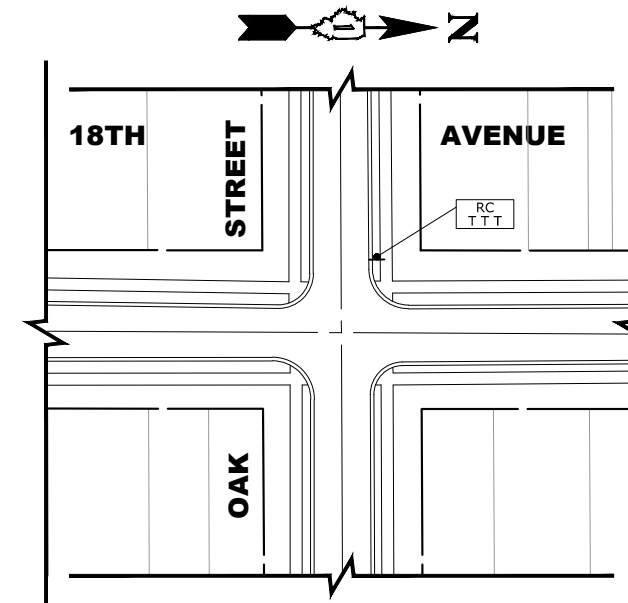
- LEGEND**
- CONSTRUCTION WORK ZONE
 - DIRECTION OF TRAFFIC FLOW
 - HOT-MIX SURFACE ASPHALT
 - PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
 - DRUMS OR TYPE II BARRICADES
 - TYPE III BARRICADE
 - TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION



STAGE 5 CONSTRUCTION



1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS (FROM MADISON STREET TO WARREN STREET AND WASHINGTON BOOULEVARD TO RANDOLPH STREET) AS SHOWN IN THIS MAINTENANCE OF TRAFFIC PLAN AND ACCORDING TO THE PAVING PLAN AND PROFILE.
2. ONCE THE CONTRACTOR STARTS REMOVALS (IN GIVEN BLOCK DESCRIBED ABOVE), THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE IMPROVEMENT AND HOT-MIX ASPHALT BINDER COURSE WITHIN 14 CALENDAR DAYS. RESIDENTS SHALL BE WITHOUT ACCESS FOR THE DURATION OF THIS PHASE. ACCESS MUST BE RESTORED AT THE END OF 14 CALENDAR DAYS. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
3. DURING THE PHASE THE ROADWAY SHALL BE CLOSED COMPLETELY UTILIZING ROAD CLOSED TRAFFIC CONTROL AND PROTECTION TO COMPLETE ROADWAY EXCAVATION, AGGREGATE STONE BASE AND HOT-MIX ASPHALT BINDER COURSE PLACEMENT.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT BINDER COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
5. ALL HOT-MIX ASPHALT SURFACE COURSE TO BE COMPLETED IN STAGE 6.
6. EQUIPMENT AND MATERIALS STAGING TO REMAIN INSIDE CONSTRUCTION ZONE. NO EQUIPMENT OR MATERIALS WILL BE ALLOWED TO BE STORED OUTSIDE DESIGNATED AREA.
7. ON-STREET PARKING OUTSIDE OF CONSTRUCTION ZONE WILL BE ALLOWED ON WEST SIDE OF 19TH AVENUE. ANY EXISTING PARKING SIGNS SHALL BE BAGGED/ REMOVED BY THE CONTRACTOR.
8. ANY PROPOSED STEEL LIGHTING CONDUIT WITHIN THE MARKED CONSTRUCTION ZONE SHALL BE COMPLETED BY OPEN CUT INSTALLATION DURING THIS STAGE.
9. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.
10. STAGE 4 MUST BE COMPLETED PRIOR TO BEGINNING STAGE 5.



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DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

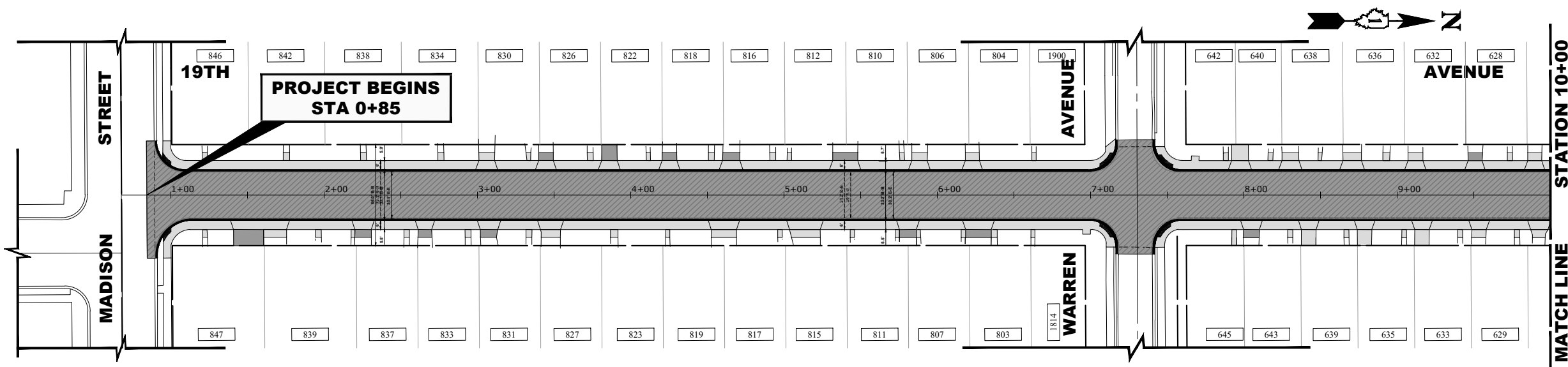
**MAINTENANCE OF TRAFFIC PLAN
STAGE 5 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 19+00 TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	35
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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E.H.E. PROJECT NO. 565-21-244

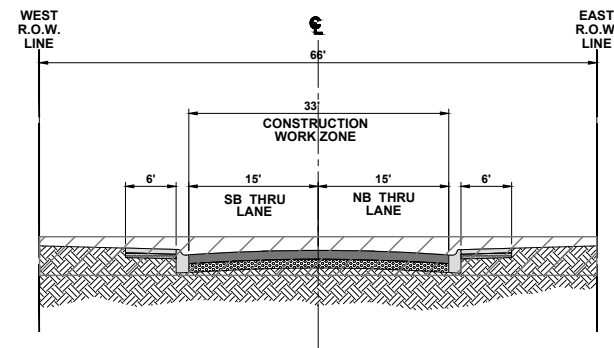


LEGEND

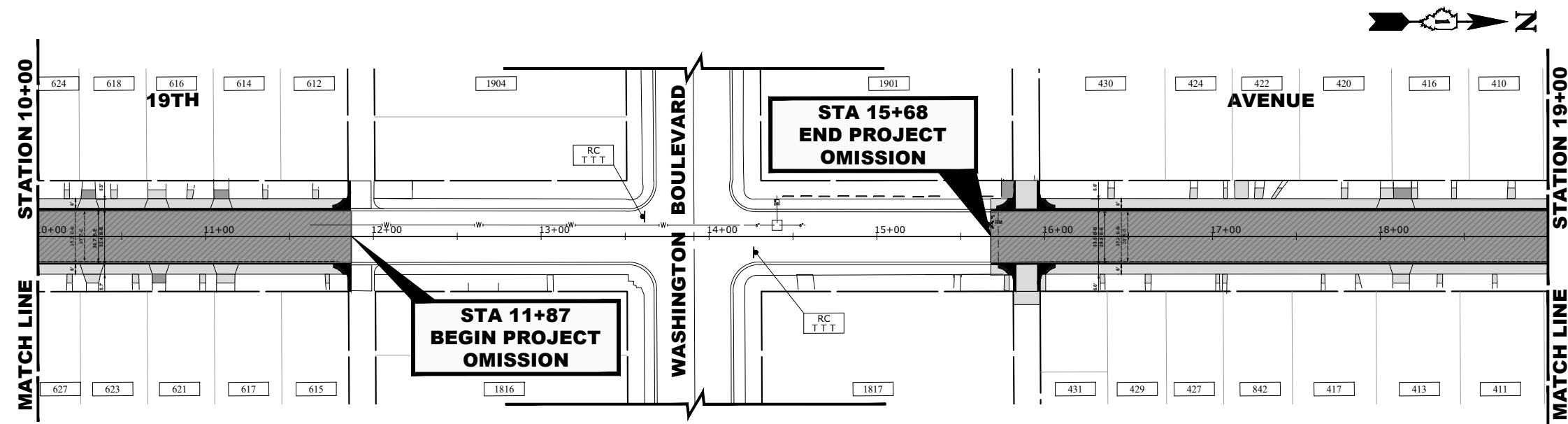
- CONSTRUCTION WORK ZONE
- DIRECTION OF TRAFFIC FLOW
- HOT-MIX SURFACE ASPHALT
- PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
- DRUMS OR TYPE II BARRICADES
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION

STAGE 6 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE FINAL HOT-MIX ASPHALT SURFACE COURSE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR ASPHALT SURFACE PAVING.
3. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT SURFACE COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
4. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.



TYPICAL SECTION DURING STAGE VI CONSTRUCTION



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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 7908 Roosevelt Road
 Westchester, IL 60154-2502
 Phone: 708-666-0302
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DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

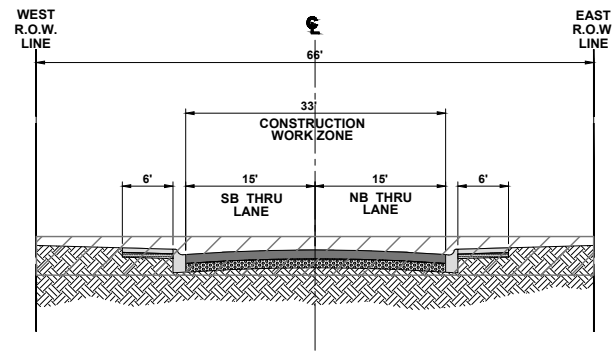
**MAINTENANCE OF TRAFFIC PLAN
 STAGE 6 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	36
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing File: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Site\19TH AVE_Ph 2 40scale.dwg Oct 27, 2024 - 11:07am

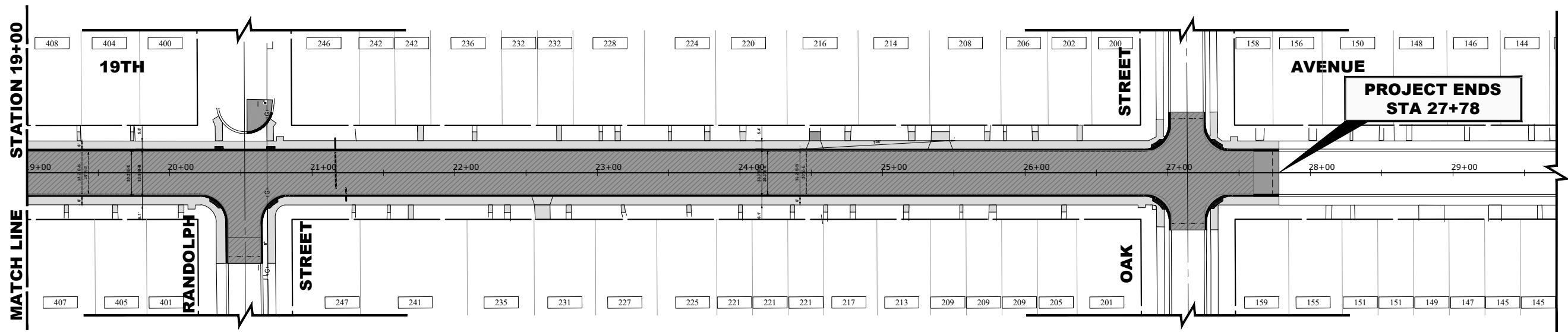
E.H.E. PROJECT NO. 565-21-244



**TYPICAL SECTION DURING
STAGE VI CONSTRUCTION**

LEGEND

	CONSTRUCTION WORK ZONE
	DIRECTION OF TRAFFIC FLOW
	HOT-MIX SURFACE ASPHALT
	PROPOSED PAVEMENT AREA WITH STANDARD PCC DRIVEWAY PAVEMENT, PCC SIDEWALK, AND CURB & GUTTER
	DRUMS OR TYPE II BARRICADES
	TYPE III BARRICADE
	TYPE II BARRICADE OR DRUM IN TYPICAL CROSS SECTION



STAGE 6 CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE FINAL HOT-MIX ASPHALT SURFACE COURSE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701301-04 AND 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR ASPHALT SURFACE PAVING.
3. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL AND PLACEMENT OF HOT-MIX ASPHALT SURFACE COURSE AT LOCATIONS SHOWN ON THE PLANS FOR THIS PHASE.
4. CONSTRUCTION WORK ON WARREN STREET WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 9AM TO 2PM WHILE SCHOOL IS STILL IN SESSION. PEDESTRIAN AND VEHICLE ACCESS MUST BE RESTORED OUTSIDE OF THOSE HOURS.

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HANCOCK ENGINEERING
 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 9908 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708.666-0100
 www.hancock.com

DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

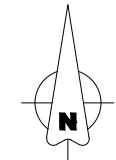
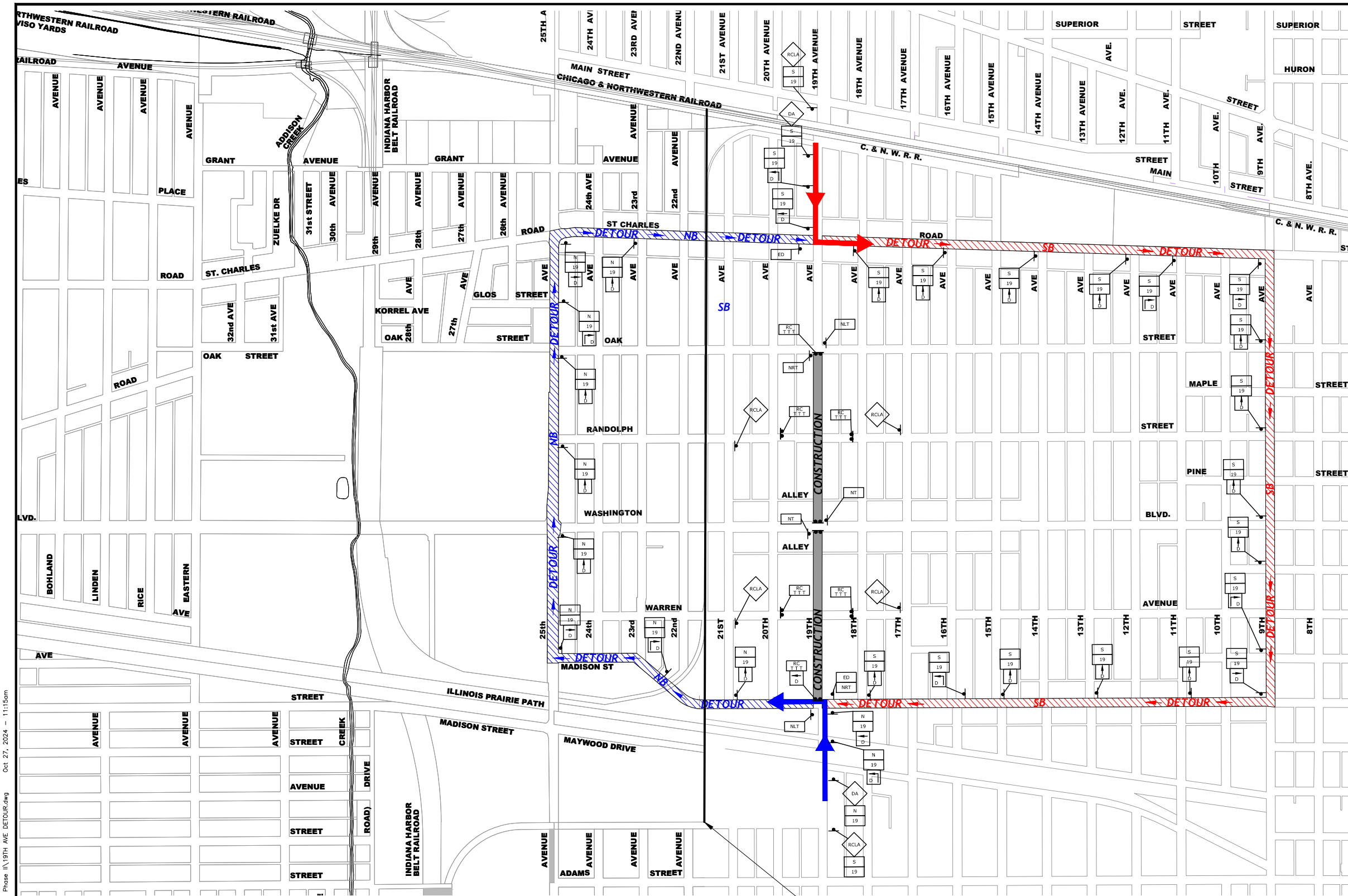
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
STAGE 6 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 19+00 TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	37
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244



LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION	CODE & SIZE
		W20-3 48"x48"
		W20-2 48"x48"
		M3-1(0) 24"x12"
		M3-3(000) 24"x12"
		M4-8 36"x12"
		M4-8 24"x18"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9 30"x24"
		M4-9R 24"x30"
		M4-9L 24"x30"
		R11-4 60"x30"
		R11-4 60"x30"
		R3-2 24"x24"
		R3-2 24"x24"
		R3-2 24"x24"

NOTE: VILLAGE OF BELLWOOD IS LOCATED WEST OF 21ST AVENUE
 VILLAGE OF MAYWOOD IS LOCATED EAST OF 21ST AVENUE

VILLAGE BOUNDARY LINE:
 VILLAGE OF MAYWOOD (EAST)
 VILLAGE OF BELLWOOD (WEST)

NOTES:

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

Drawing file: W:\Projects_by_Village\Maywood\66021244 - 19th Avenue Phase II\19th Ave Detour.dwg Oct 27, 2024 - 11:15am

HANCOCK ENGINEERING
 9700 Reswood Road, Woodbury, NJ 07991
 Phone: 908-661-4000, www.hancock.com

DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

◆ CMI Engineers
 ◆ Municipal Consultants
 ◆ Established 1911

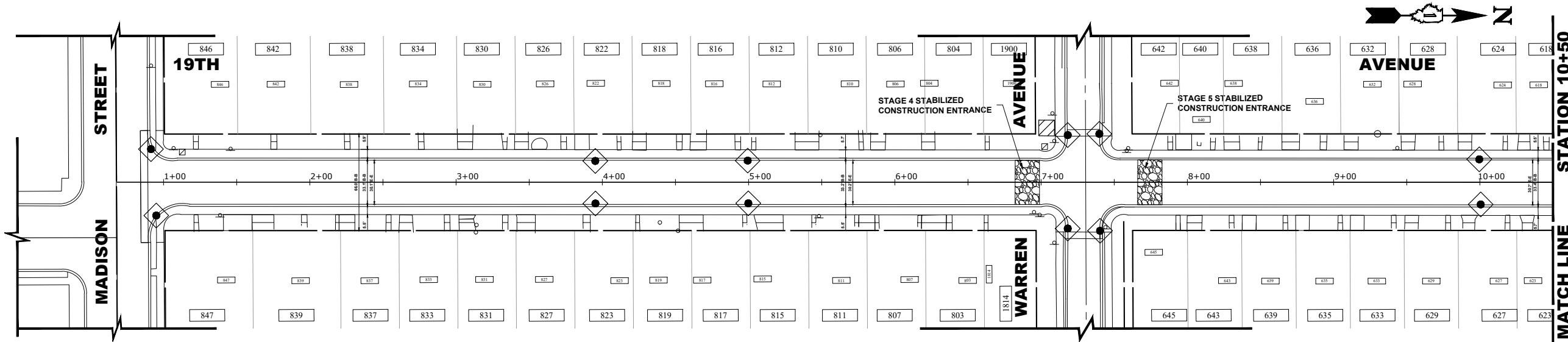
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
 DETOUR MAP**

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

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	38
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 665-21-244



STATION 10+50
MATCH LINE

LEGEND	
	STABILIZED CONSTRUCTION ENTRANCE
	INLET FILTERS
	CONCRETE WASH-OUT AREA

NOTES

- SEE IDOT STANDARD 280001-07 FOR TEMPORARY EROSION CONTROL SYSTEMS.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
- SOIL STOCKPILES SHALL BE PROTECTED WITH PERIMETER EROSION BARRIER OR OTHER EROSION PROTECTION SPECIFIED BY THE RESIDENT ENGINEER. THE COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THE INDIVIDUAL SOIL MATERIALS.
- WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY RUNOFF OR VEHICLE TRACKING ONTO THE PAVED SURFACE. THE PROVISIONS MAY INCLUDE SPRAYING VEHICLE WHEELS TO CLEAR SEDIMENT BEFORE EXITING THE CONSTRUCTION SITE OR OTHER MEASURES APPROVED BY THE ENGINEER.
- THE COST OF ABOVE WORK WILL BE INCLUDED IN COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)

TENTATIVE SCHEDULE:

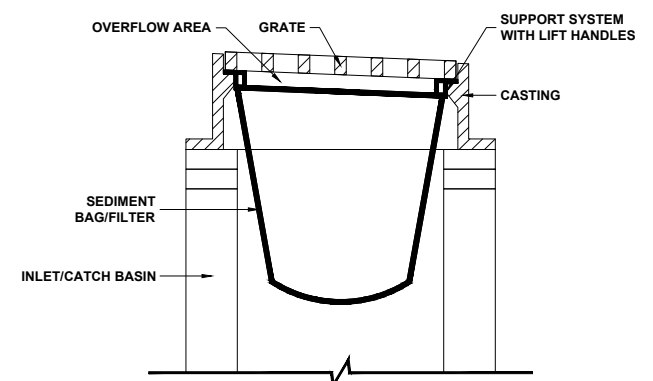
- STAGE 1 - UNDERGROUND UTILITY - 8 WEEKS
- STAGE 2 - DEMOLITION & REMOVALS - 2 WEEKS
- STAGE 2 - CONCRETE WORK WEST SIDE - 2 WEEKS
- STAGE 3 - DEMOLITION & REMOVALS - 2 WEEKS
- STAGE 3 - CONCRETE WORK EAST SIDE - 2 WEEKS
- STAGE 4 - PAVEMENT REMOVAL & GRADING - 2 WEEKS
- STAGE 4 - PAVING - 1 WEEK
- STAGE 5 - PAVEMENT REMOVAL & GRADING - 2 WEEKS
- STAGE 5 - PAVING - 1 WEEK
- STAGE 6 - ASPHALT PAVING & FINAL RESTORATION - 2 WEEKS

CONTRACTOR CERTIFICATION STATEMENT:
 I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS."

CONTRACTOR NAME (PRINT): _____

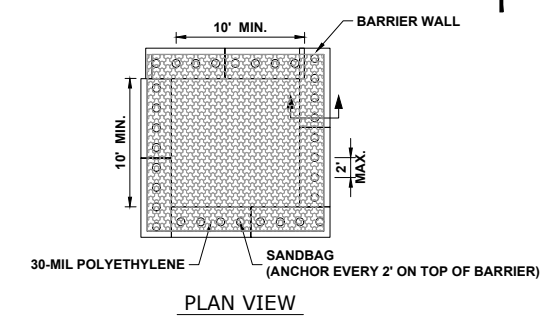
CONTRACTOR SIGNATURE: _____

DATE: _____

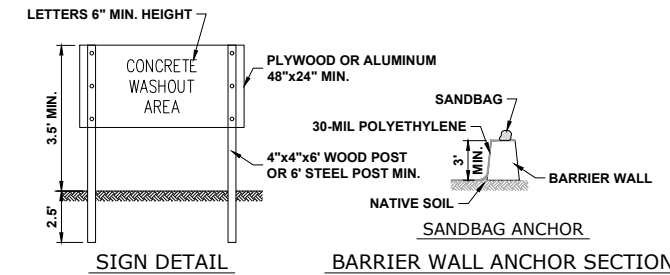


**INLET/CATCH BASIN PROTECTION
(DROP-IN PROTECTION)**

- CLEAN OUT AFTER EVERY RAIN EVENT.
- INSTALL BEFORE BEGINNING ANY WORK.



PLAN VIEW

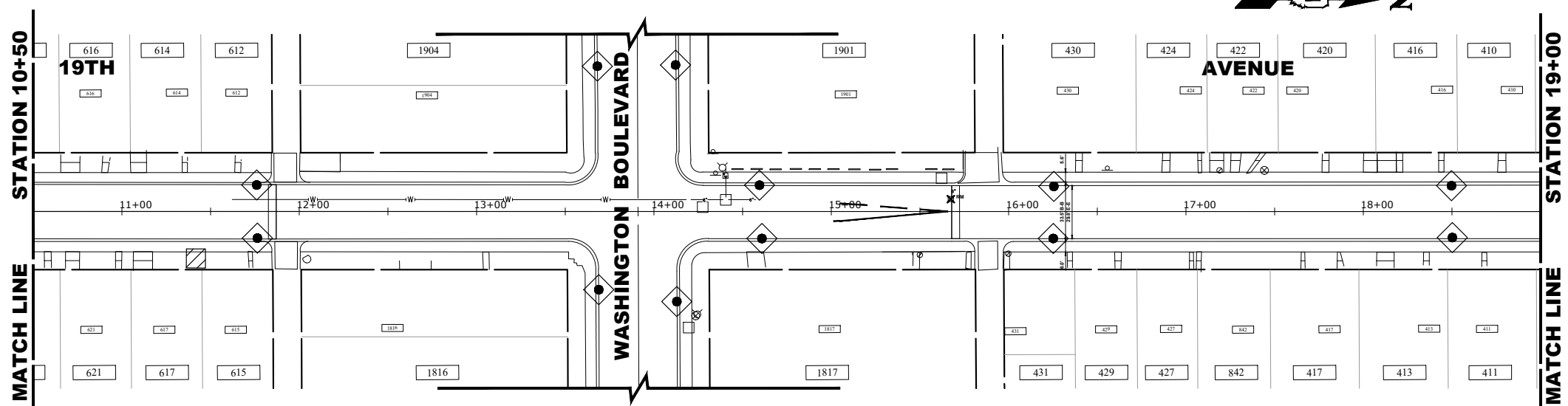


SIGN DETAIL

BARRIER WALL ANCHOR SECTION

NOTES:

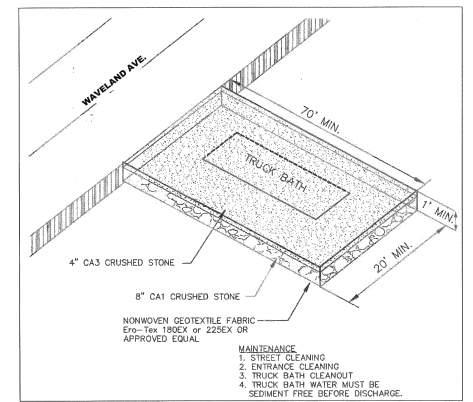
- MAINTAINING TEMPORARY CONCRETE FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEN CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
- FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.



STATION 10+50
MATCH LINE

STATION 19+00
MATCH LINE

**CONCRETE WASHOUT
(BARRIER WALL)**



STABILIZED CONSTRUCTION ENTRANCE

HANCOCK ENGINEERING
 CIVIL ENGINEERS
 MUNICIPAL CONSULTANTS
 ESTABLISHED 1911

9700 Roosevelt Road
 Westchester, IL 60591-2900
 Phone: 708/666-0100
 www.hancock.com

DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND SWPPP

SCALE: 1" = 40'
 SHEET NO. 1 OF 2 SHEETS
 STA. 1+00 TO STA. 19+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	39
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

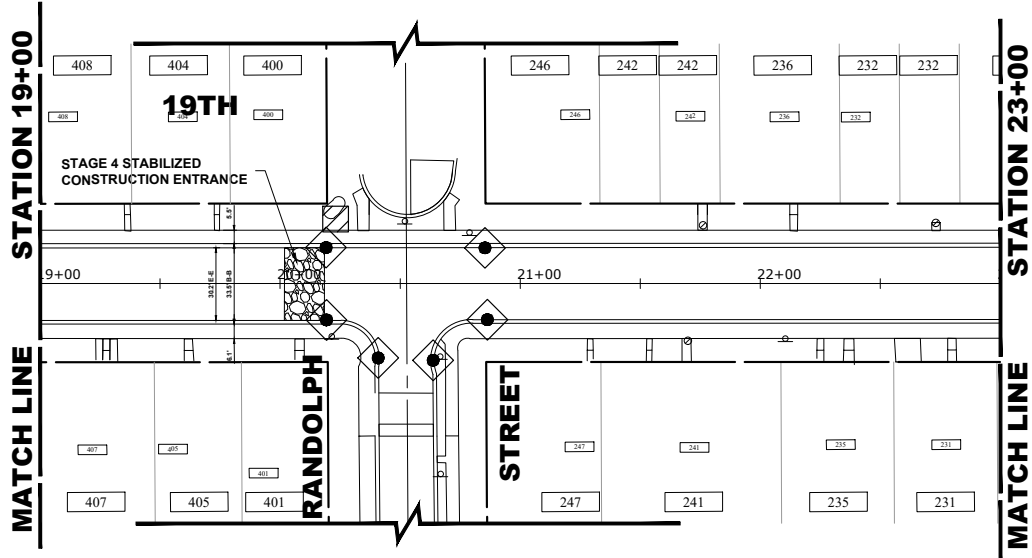
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E.H.E. PROJECT NO. 565-21-244

STORM WATER POLLUTION PREVENTION PLAN EROSION AND SEDIMENT CONTROLS

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- INLET FILTERS
- CONCRETE WASH-OUT AREA



NARRATIVE DESCRIPTION OF EXISTING CONDITIONS AND PROPOSED DEVELOPMENT

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

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

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

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION (WHERE APPLICABLE):

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

DOCUMENTATION

- 1) A REPORT SUMMARIZING THE SCOPE OF INSPECTION, NAME(S) AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE SECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLANTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTION TAKEN IN ACCORDANCE WITH SECTION 4.B, SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT.
- 2) IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENT OF NONCOMPLIANCE (ION)" REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT. THE REPORT ID NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:
 - ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 - DIVISION OF WATER POLLUTION CONTROL
 - COMPLIANCE ASSURANCE SECTION #19
 - POST OFFICE BOX 19276
 - SPRINGFIELD, IL 62794-9276

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

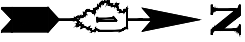
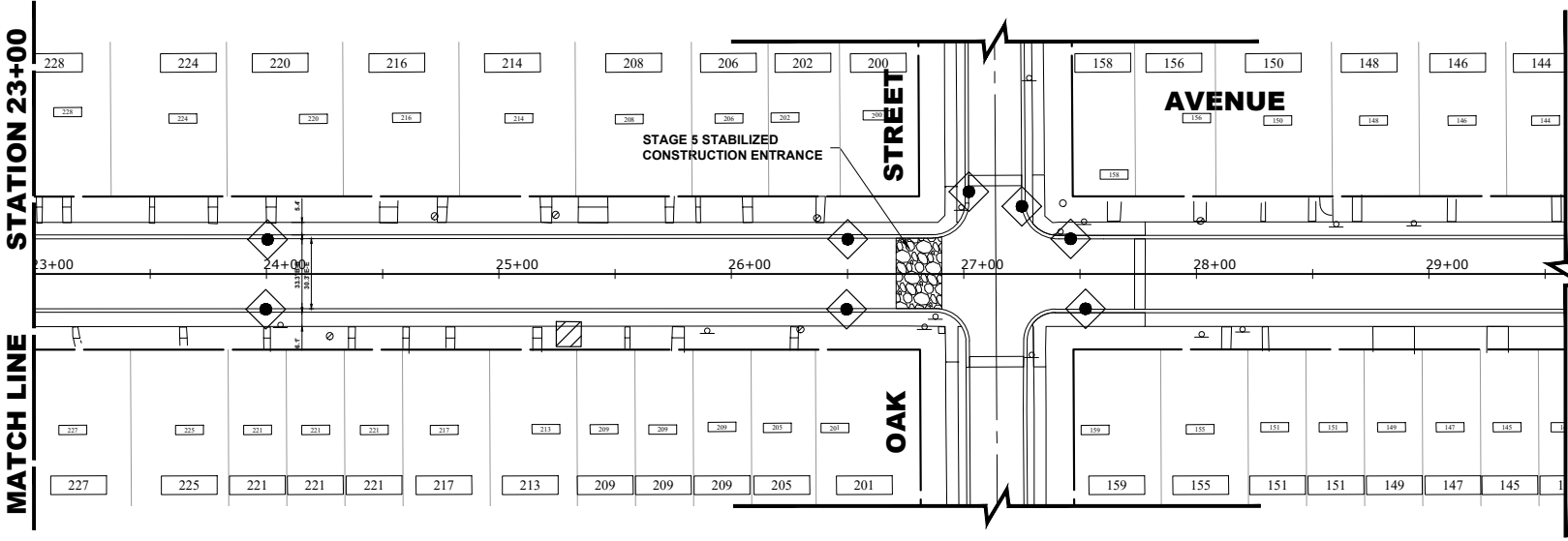
- 1) EXCAVATION AND REMOVAL OF EXISTING STRUCTURES AND PAVED SURFACES WILL BE COMPLETED AT LOCATIONS AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- 2) DRAINAGE STRUCTURES WILL BE INSTALLED BEFORE AND/OR DURING THE EXCAVATION AND REMOVAL OF THE EXISTING STRUCTURES TO ALLOW FOR PROPER DRAINAGE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

AREA OF DISTURBED GROUND

THE TOTAL AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 2.14 ACRES. THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEM AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES. THE CONTRACTOR SHALL ABIDE TO ALL REQUIREMENTS WITHIN THIS PLAN AS PART OF THE CONTRACT. ALL DISTURBED AREAS HAVING HIGH POTENTIAL FOR EROSION, AS DETERMINED BY THE ENGINEER, SHALL BE PERMANENTLY SEEDED AS SOON AS POSSIBLE.

MAINTENANCE AFTER CONSTRUCTION (WHERE APPLICABLE):

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



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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911
 9708 Roosevelt Road
 Westchester, IL 60591-9708
 Phone: 708/666-0100
 www.hancock.com

DESIGNED -	RP	REVISED -
DRAWN -	SFB, DMM, ECW, GD	REVISED -
CHECKED -	WOP	REVISED -
DATE -	8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND SWPPP

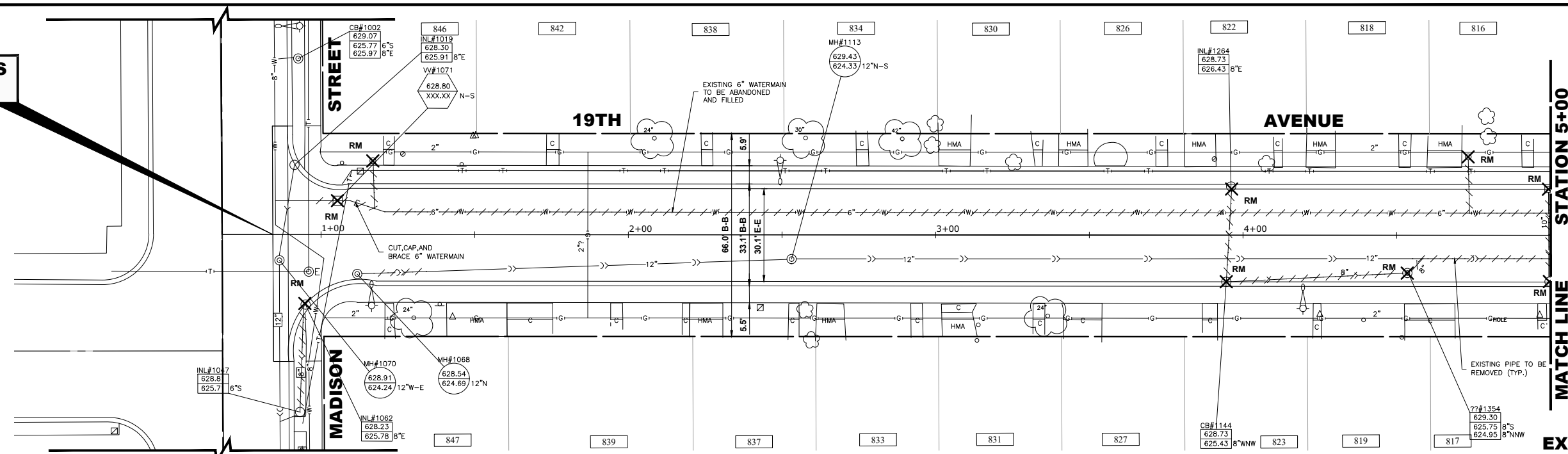
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MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	40
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

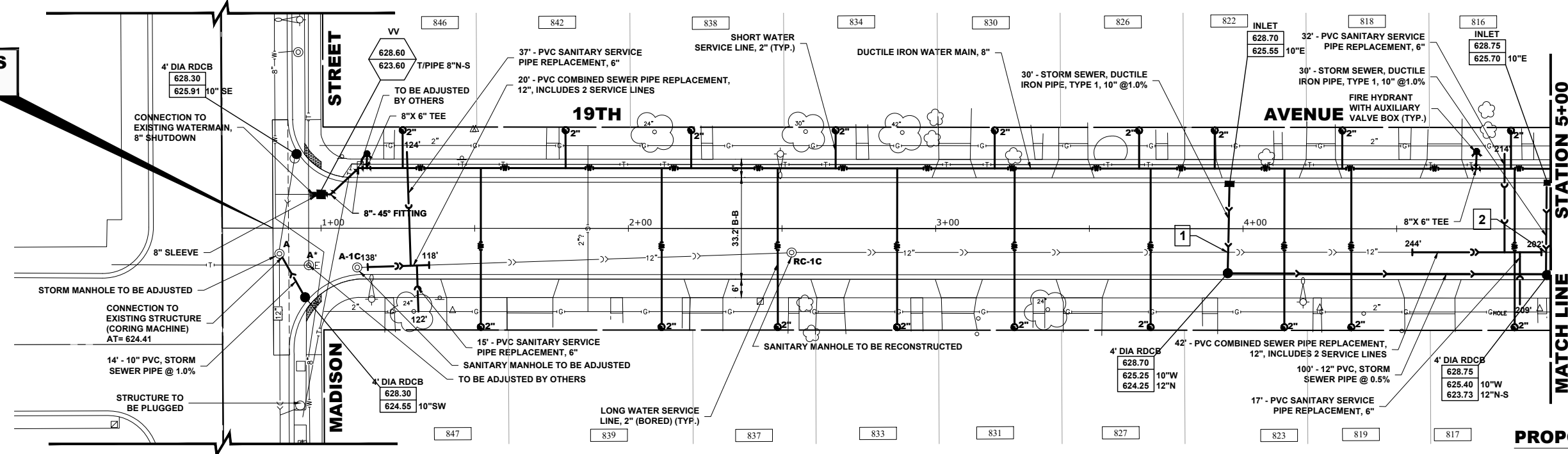


**PROJECT BEGINS
STA 0+85**

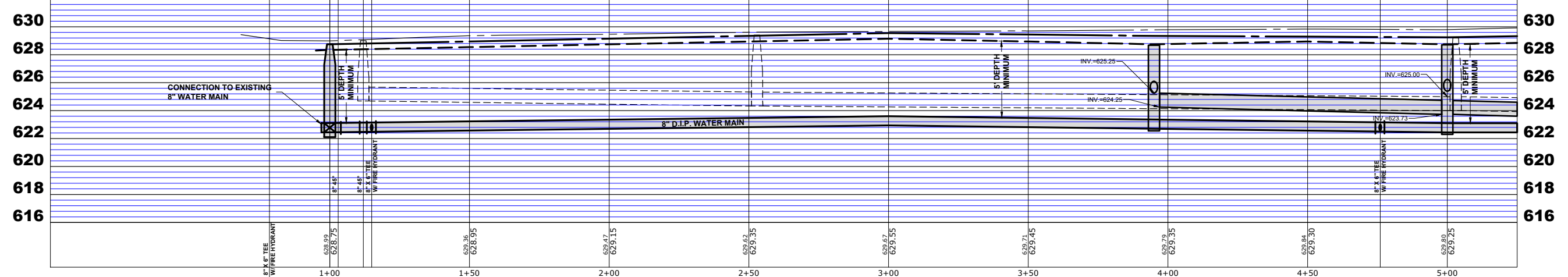


- NOTES:**
- ALL EXISTING SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY THE ENGINEER.
 - MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED OTHERWISE THE SEWER SHALL BE CONSTRUCTED WITH A WATER TYPE PIPE SUCH AS AWWA C900 OR ASTM D3139/D-2241
- EXISTING TOPOGRAPHY**

**PROJECT BEGINS
STA 0+85**



- CROSSING TABLE:**
- 10" PROPOSED DIP STORM SEWER
INV. = 625.32
12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.10
 - 10" PROPOSED DIP STORM SEWER
INV. = 625.47
12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.00
- PROPOSED IMPROVEMENT**



Drawing file: W:\Projects_by_Village\Waywood\66521244 - 19th Avenue Phase II\Site\19th Ave. Ph. I.dwg Oct 27, 2024 - 11:18am

HANCOCK ENGINEERING
 1400 Village Way
 • Civil Engineers
 • Municipal Consultants
 • Established 1911
 9900 Riverwood Road
 Woodbury, IL 61564-0702
 Phone: 708/666-0300
 www.hancockeng.com

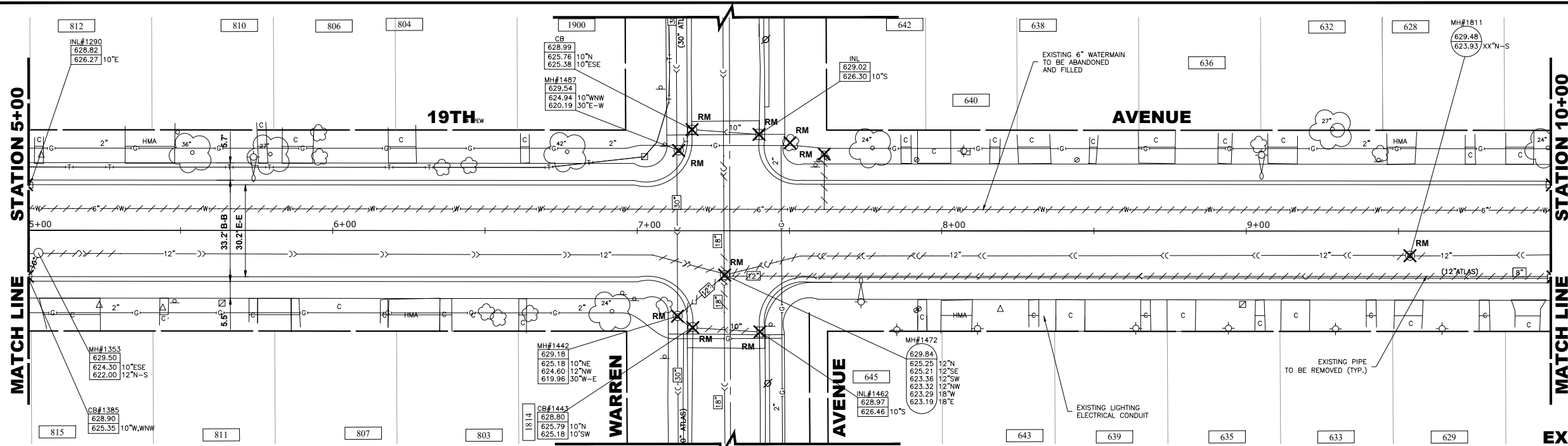
DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

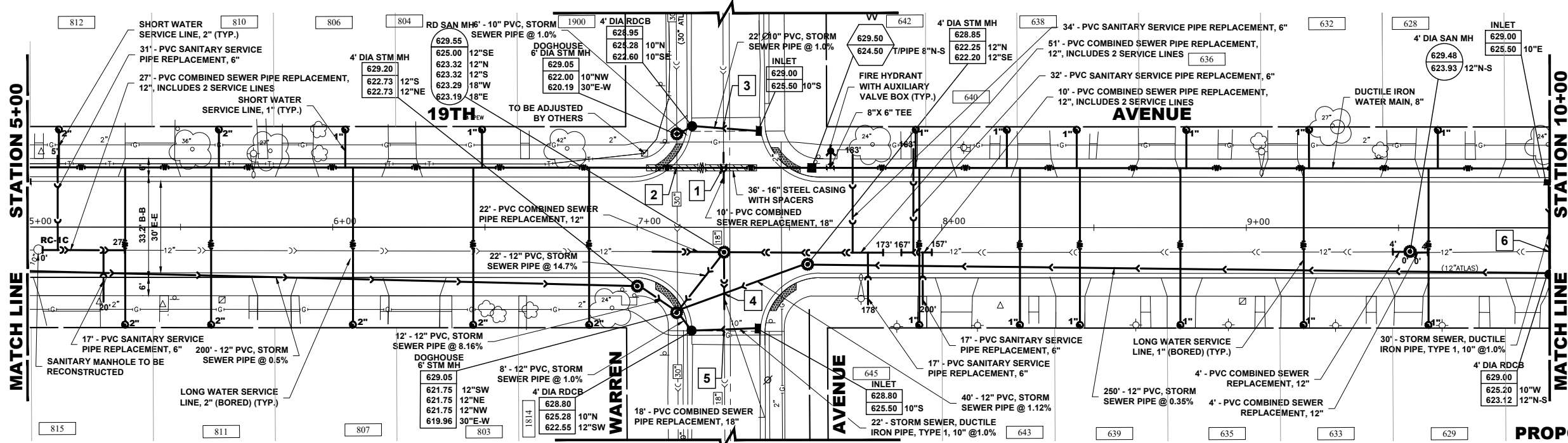
**19TH AVENUE
UTILITIES PLAN AND PROFILE**
 SCALE: H:1"=20', V:1"=4' SHEET NO. 1 OF 6 SHEETS STA. 1+00 TO STA. 5+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	41
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

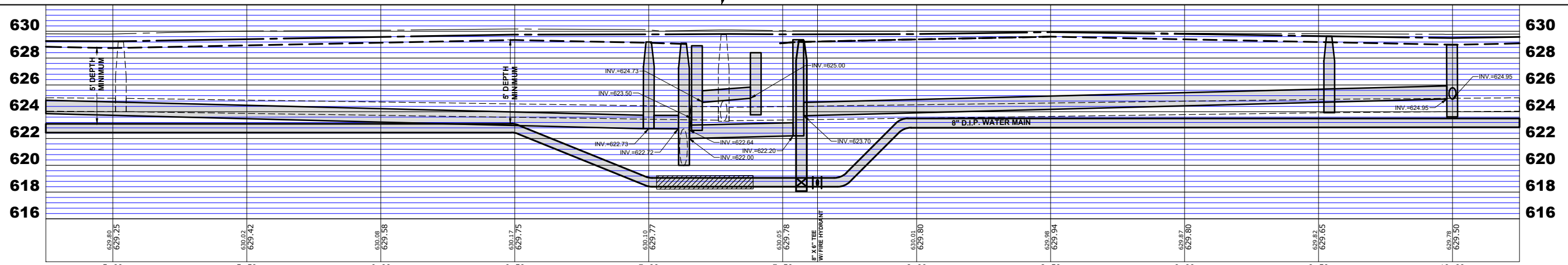
E.I.E. PROJECT NO. 665-21-244



- NOTES:**
- ALL EXISTING SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY THE ENGINEER.
 - MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED OTHERWISE THE SEWER SHALL BE CONSTRUCTED WITH A WATER TYPE PIPE SUCH AS AWWA C900 OR ASTM D3139/D-2241



- CROSSING TABLE:**
- 8" PROPOSED DIP WATER MAIN TOP OF PIPE = 619.00
18" PROPOSED PVC COMBINED SEWER INV. = 623.35
 - 8" PROPOSED DIP WATER MAIN TOP OF PIPE = 619.00
30" EXISTING RCP STORM SEWER INV. = 620.15
 - 10" PROPOSED PVC STORM SEWER INV. = 625.39
18" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.00
 - 12" PROPOSED PVC STORM SEWER TOP OF PIPE = 622.92
18" PROPOSED COMBINED SEWER INV. = 623.15
 - 10" PROPOSED PVC STORM SEWER INV. = 625.39
18" EXISTING VCP COMBINED SEWER TOP OF PIPE = 624.83
 - 10" PROPOSED PVC STORM SEWER INV. = 625.28
12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.10



Drawing file: W:\Projects_By_Village\Waywood\66521244 - 19th Avenue Phase II\Site\19th Ave. Ph. I.dwg Oct 27, 2024 - 11:18:00am

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 • Municipal Consultants
 • Established 1911
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 Washburn, IL 62454-0782
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 www.hancock.com

DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

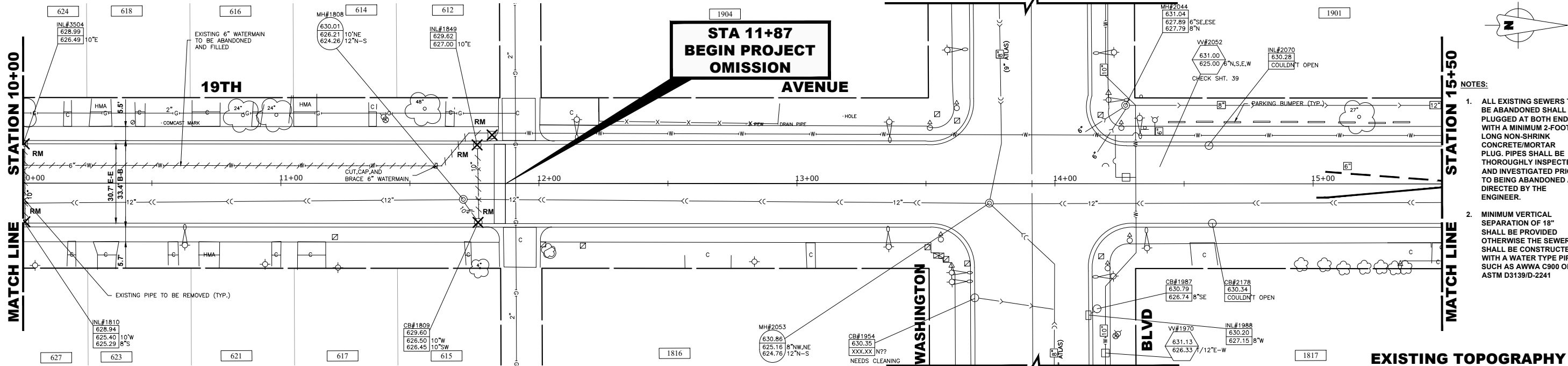
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
UTILITIES PLAN AND PROFILE**

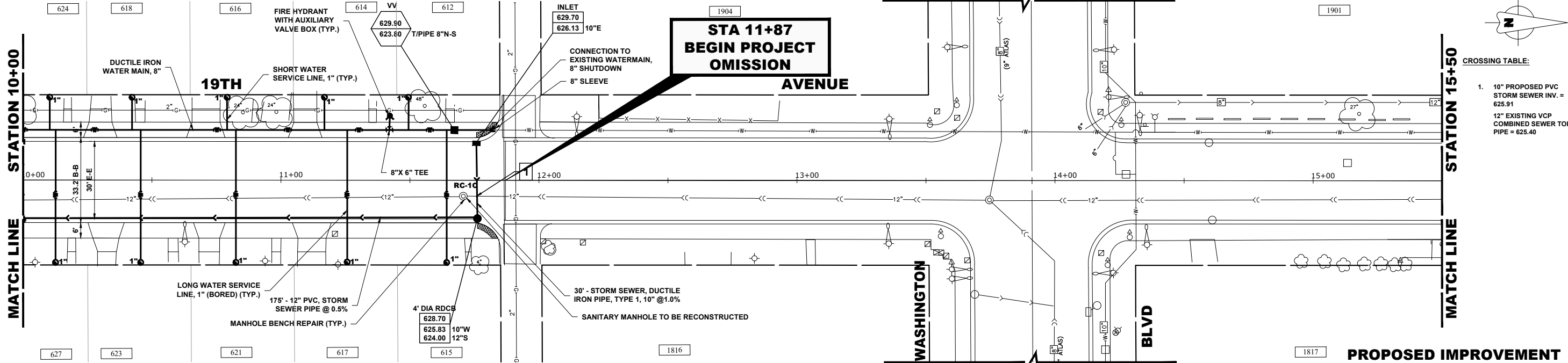
SCALE: H:1"=20', V:1"=4' SHEET NO. 2 OF 6 SHEETS STA. 5+00 TO STA. 10+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	42
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

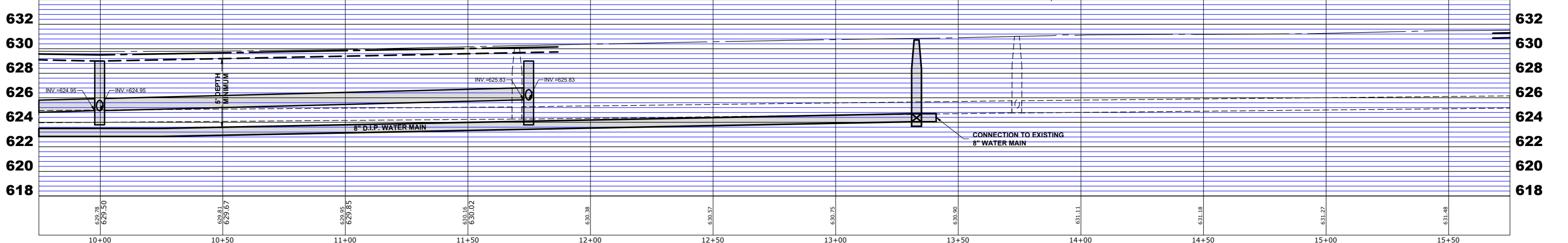
E.H.E. PROJECT NO. 665-21-244



- NOTES:
- ALL EXISTING SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY THE ENGINEER.
 - MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED OTHERWISE THE SEWER SHALL BE CONSTRUCTED WITH A WATER TYPE PIPE SUCH AS AWWA C900 OR ASTM D3139/D-2241



- CROSSING TABLE:
- 10" PROPOSED PVC STORM SEWER INV. = 625.91
 - 12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.40



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DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

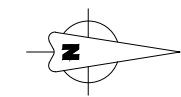
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
 UTILITIES PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=4' SHEET NO. 3 OF 6 SHEETS STA. 10+00 TO STA. 15+50

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	43
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

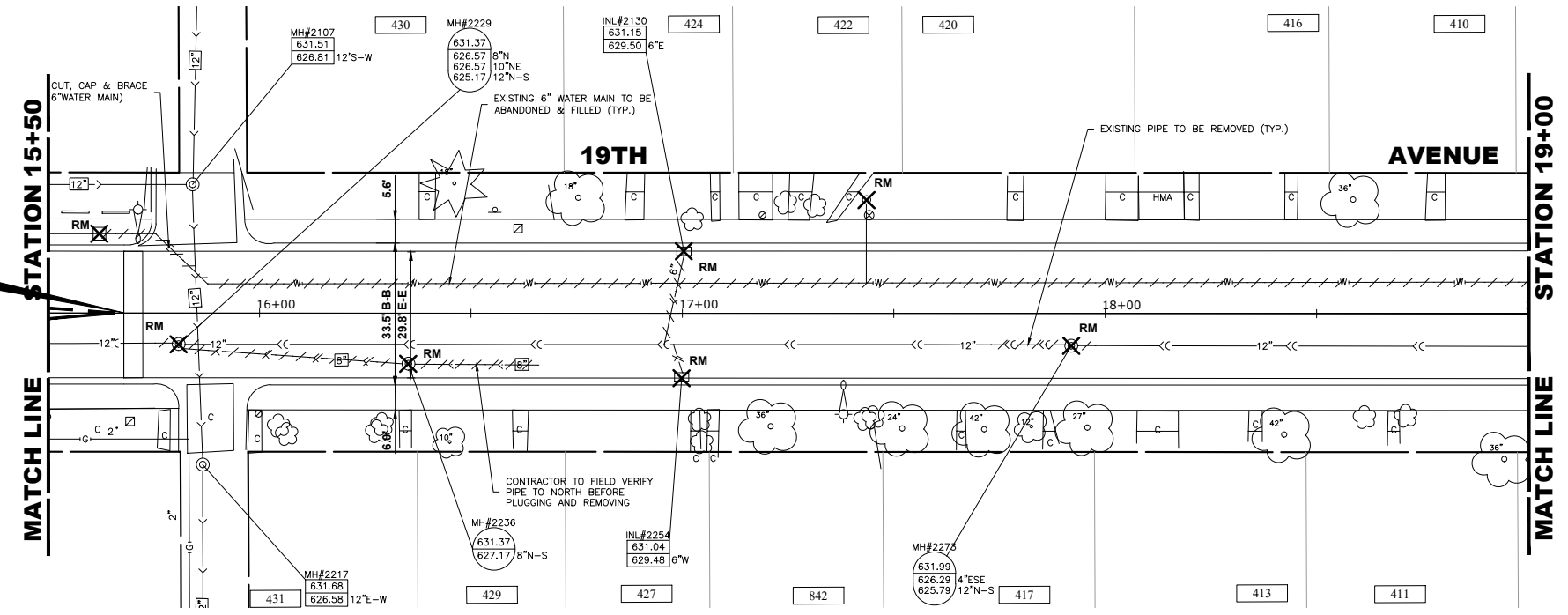
E.I.E. PROJECT NO. 665-21-244



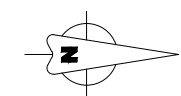
NOTES:

1. ALL EXISTING SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY THE ENGINEER.
2. MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED OTHERWISE THE SEWER SHALL BE CONSTRUCTED WITH A WATER TYPE PIPE SUCH AS AWWA C900 OR ASTM D3139/D-2241

EXISTING TOPOGRAPHY



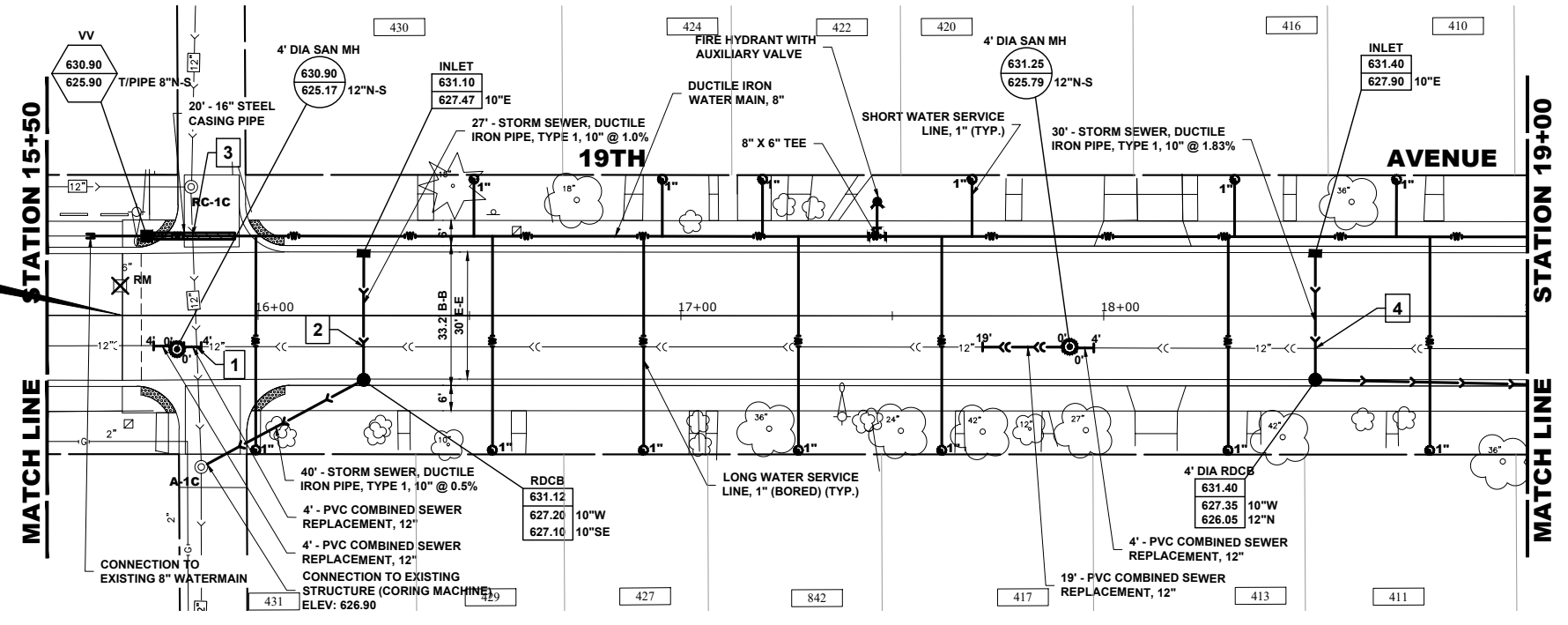
STA 15+68
END PROJECT
OMISSION



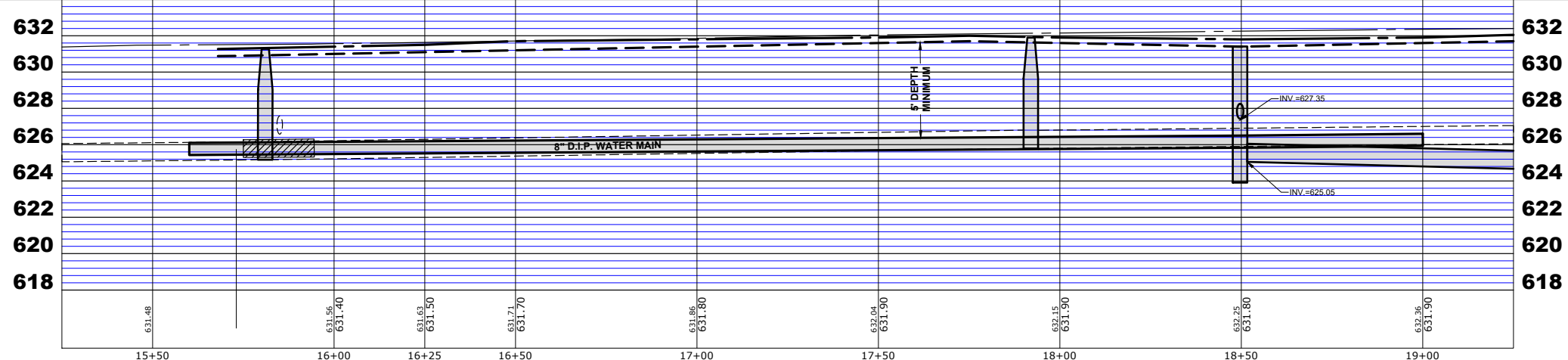
CROSSING TABLE:

1. 12" EXISTING RCP STORM SEWER INV. = 626.68
12" PROPOSED PVC COMBINED SEWER TOP OF PIPE = 626.17
2. 10" PROPOSED DIP STORM SEWER INV. = 627.28
12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 626.30
3. 12" EXISTING STORM SEWER INV. = 625.39
8" PROPOSED WATER MAIN TOP OF PIPE = 625.20
4. 10" PROPOSED PVC STORM SEWER INV. = 627.43
12" EXISTING COMBINED SEWER TOP OF PIPE = 626.90

PROPOSED IMPROVEMENT



STA 15+68
END PROJECT
OMISSION



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DATE - 8-6-24	REVISED -

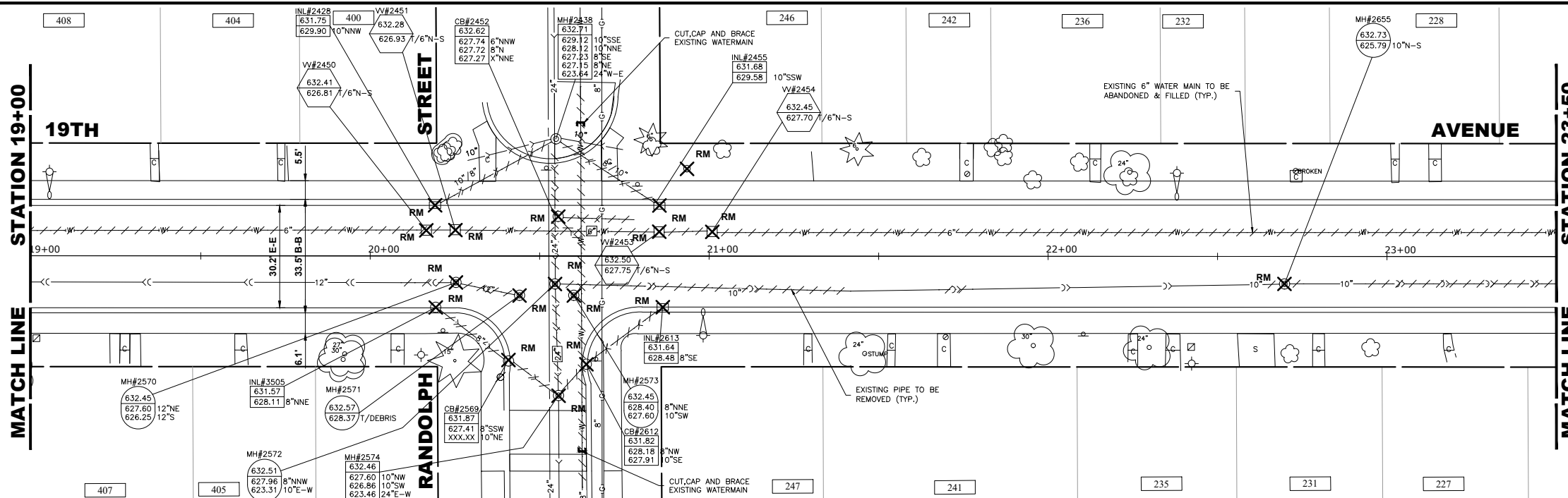
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

19TH AVENUE
 UTILITIES PLAN AND PROFILE

SCALE: H:1"=20', V:1"=4' SHEET NO. 4 OF 6 SHEETS STA. 15+50 TO STA. 19+00

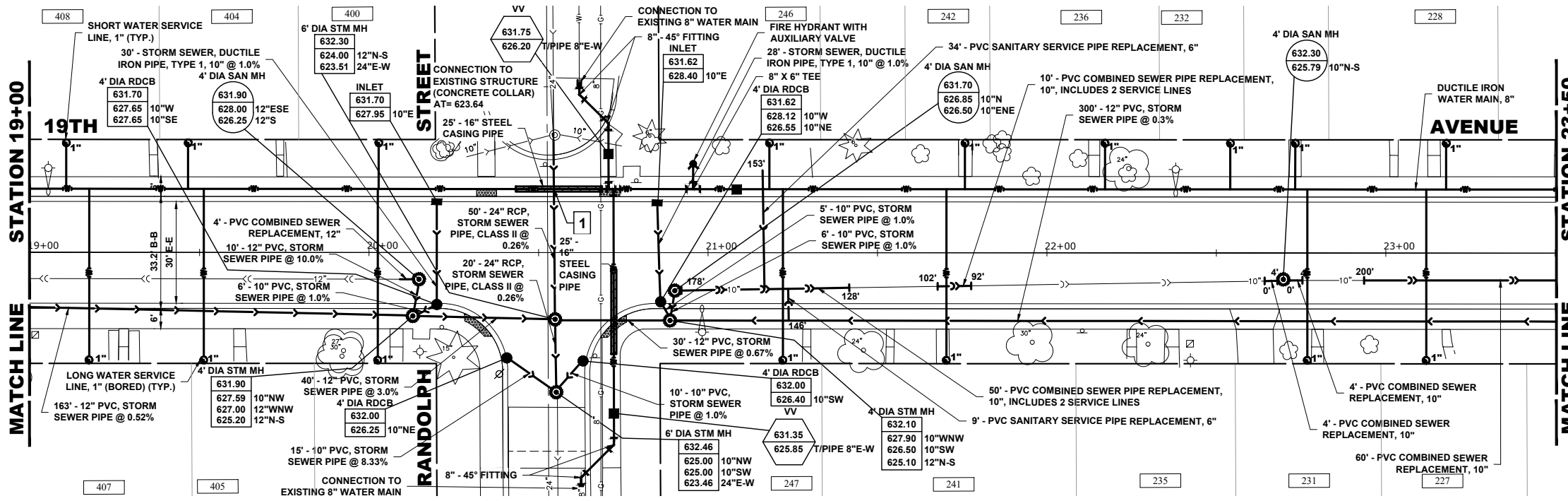
MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	44
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.I.E. PROJECT NO. 665-21-244



- NOTES:**
- ALL EXISTING SEWERS TO BE ABANDONED SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM 2-FOOT LONG NON-SHRINK CONCRETE/MORTAR PLUG. PIPES SHALL BE THOROUGHLY INSPECTED AND INVESTIGATED PRIOR TO BEING ABANDONED AS DIRECTED BY THE ENGINEER.
 - MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED OTHERWISE THE SEWER SHALL BE CONSTRUCTED WITH A WATER TYPE PIPE SUCH AS AWWA C900 OR ASTM D3139/D-2241
 - EXPLORATORY EXCAVATION TO BE COMPLETED BY CONTRACTOR TO LOCATE 8" WATER MAIN ON RANDOLPH STREET TO BE DONE TO COMPLETE PROPOSED WATER MAIN WORK. EXPLORATORY EXCAVATION TO OCCUR BEFORE STARTING WATER MAIN ON 19TH AVENUE FROM WASHINGTON TO OAK.

EXISTING TOPOGRAPHY

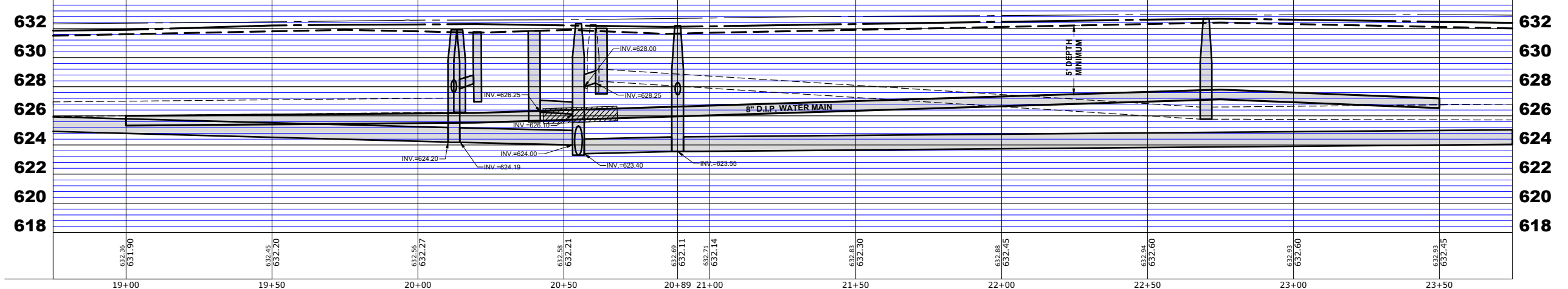


- NOTES:**
- ACCESS PITS FOR LINE STOPS TO BE COMPLETED ON RANDOLPH STREET TO COMPLETE CONNECTION TO 8" WATERMAIN ON RANDOLPH. LOCATION TO BE DETERMINED IN FIELD.

CROSSING TABLE:

- 8" PROPOSED DIP WATER MAIN INV. = 625.60
24" PROPOSED RCP STORM SEWER TOP OF PIPE = 625.85
- 12" PROPOSED PVC STORM SEWER TOP OF PIPE = 625.11
8" PROPOSED DIP WATER MAIN INV. = 625.95

PROPOSED IMPROVEMENT



Drawing file: W:\Projects_By_Village\Weywood\66621244 - 19th Avenue Phase II\Site\19th Ave. PH II.dwg Oct 27, 2024 - 11:16am

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DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**19TH AVENUE
UTILITIES PLAN AND PROFILE**

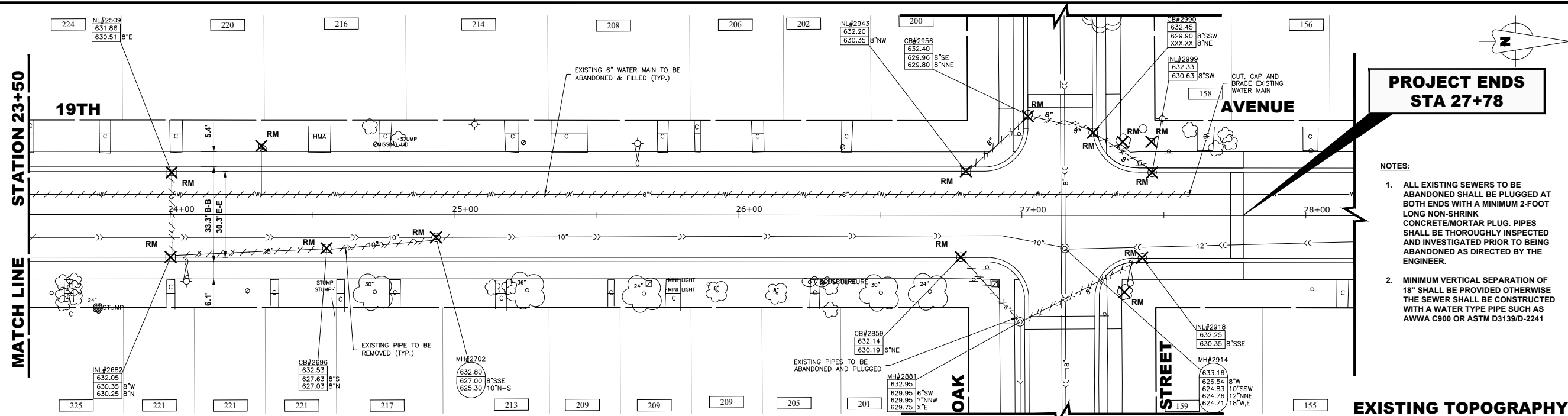
SCALE: H:1"=20', V:1"=4'

SHEET NO. 5 OF 6 SHEETS STA. 19+00 TO STA. 23+50

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	45
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

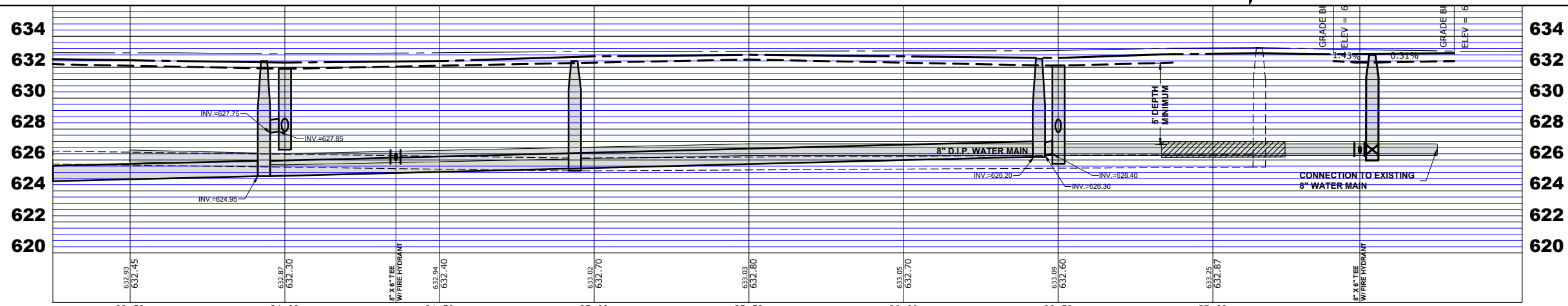
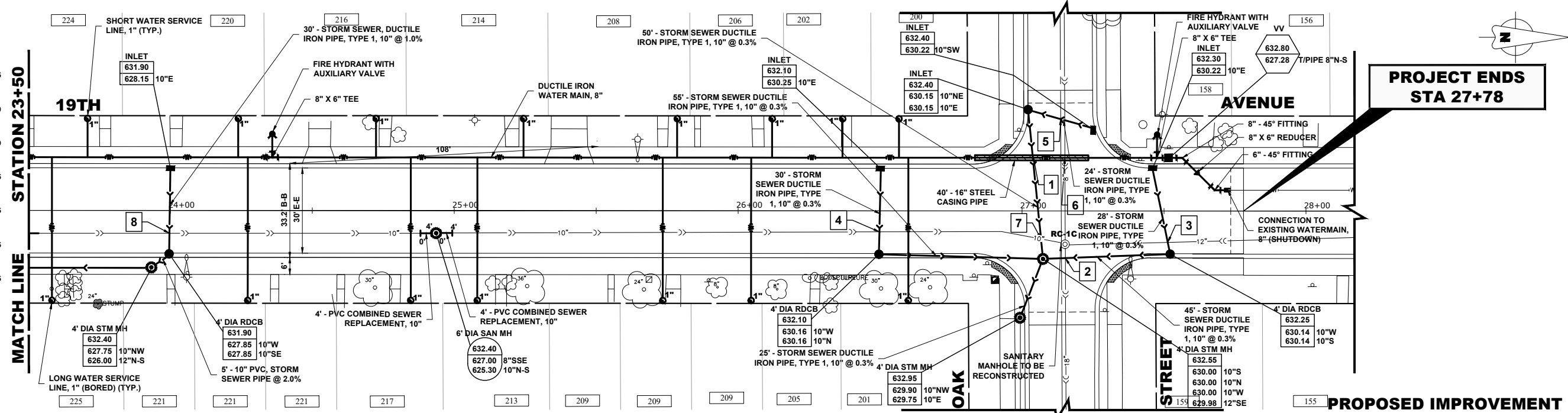
E.I.E. PROJECT NO. 666-21-244

Drawing file: W:\Projects_By_Village\Waywood\66521244 - 19th Avenue Phase II\Site\19th Ave. Ph. IIdwg Oct 27, 2024 - 11:13am



CROSSING TABLE:

- 8" PROPOSED DIP WATER MAIN TOP OF PIPE = 627.28
10" PROPOSED DIP STORM SEWER INV. = 630.10
- 10" PROPOSED DIP STORM SEWER INV. = 630.03
18" EXISTING VCP COMBINED SEWER TOP OF PIPE = 626.35
- 10" PROPOSED DIP STORM SEWER INV. = 630.15
12" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.80
- 10" PROPOSED DIP STORM SEWER INV. = 630.18
10" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.89
- 10" PROPOSED DIP STORM SEWER INV. = 630.19
18" EXISTING VCP COMBINED SEWER TOP OF PIPE = 626.35
- 8" PROPOSED DIP WATER MAIN INV. = 626.62
18" EXISTING VCP COMBINED SEWER TOP OF PIPE = 626.35
- 10" PROPOSED DIP STORM SEWER INV. = 630.02
10" EXISTING VCP COMBINED SEWER TOP OF PIPE = 625.75
- 10" PROPOSED DIP STORM SEWER INV. = 627.93
10" EXISTING VCP COMBINED SEWER TOP OF PIPE = 626.45



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CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

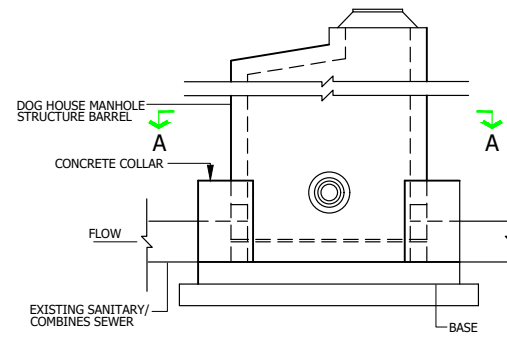
**19TH AVENUE
UTILITIES PLAN AND PROFILE**

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

SHEET NO. 6 OF 6 SHEETS STA. 26+00 TO STA. 28+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	46
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

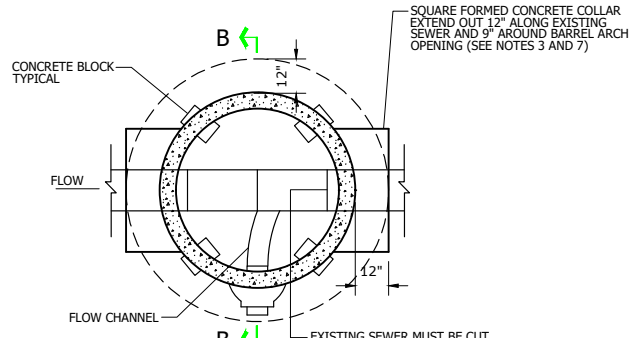
E.H.E. PROJECT NO. 665-21-244



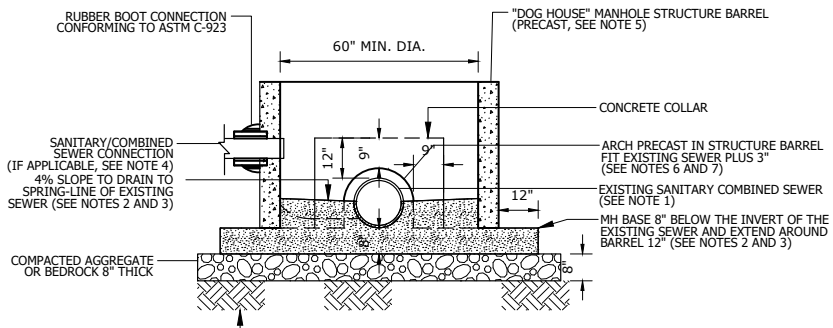
DOG HOUSE MANHOLE PROFILE

NOTES:

- EXISTING SANITARY OR COMBINED SEWER MUST BE 15" DIAMETER OR LARGER FOR "DOG HOUSE" MANHOLE USE.
- INTEGRAL POUR FOR BASE AND BENCH. (NO PRECAST BASE)
- ALL POURED-IN-PLACE CONCRETE MUST BE 4000 PSI NON-SHRINK MIX.
- EXTERNAL DROP CONNECTION MUST BE PROVIDED IF INVERT OF CONNECTING SEWER IS 24" OR MORE ABOVE THE INVERT OF OUTLET (SEE SEPARATE MWRD STANDARD DROP DETAIL).
- MANHOLE DIAMETER MINIMUM 60" INCREASES BASED ON THE EXISTING SEWER DIAMETER.
- CONCRETE BONDING AGENT MUST BE APPLIED TO ALL INTERFACES OF PRECAST CONCRETE SURFACES WITH POURED-IN-PLACE CONCRETE.
- A CURVED INTERNAL ARCH FORM MUST BE USED DURING COLLAR CONCRETE FILL. NO BRICK, MORTAR, OR DEBRIS IS TO BE USED IN PLACE OF CONSOLIDATED CONCRETE.
- DEBRIS MUST NOT BE ALLOWED TO ENTER THE SEWER SYSTEM AT ANY TIME DURING CONSTRUCTION.
- ALL DIMENSIONS NOTED ARE MINIMUM ALLOWED.
- THE STRUCTURE MUST NOT BE BACKFILLED FOR A MINIMUM OF 24 HOURS AFTER CONSTRUCTION.
- PUMPING IN LIEU OF "DOG HOUSE" MANHOLE UPON ENGINEER AND INSPECTOR APPROVAL.

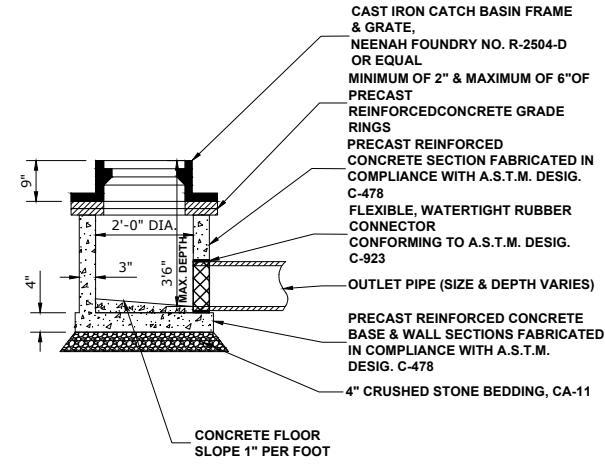


SECTION A - A

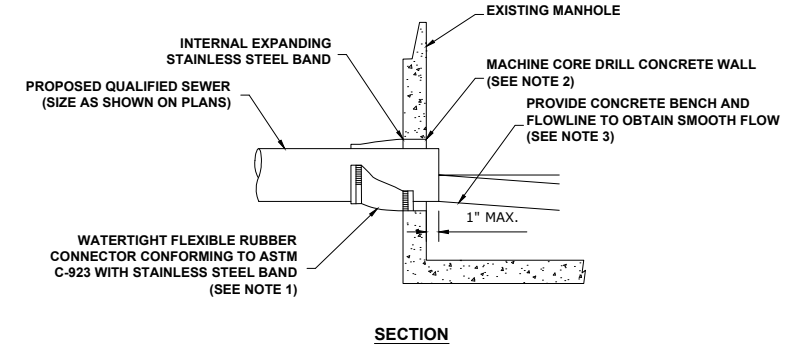


SECTION B - B

DOGHOUSE MANHOLE



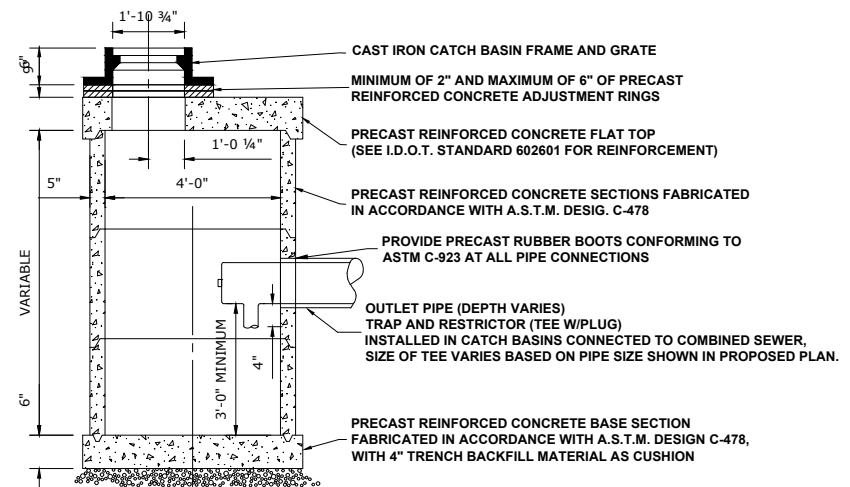
INLET, TYPE "A"



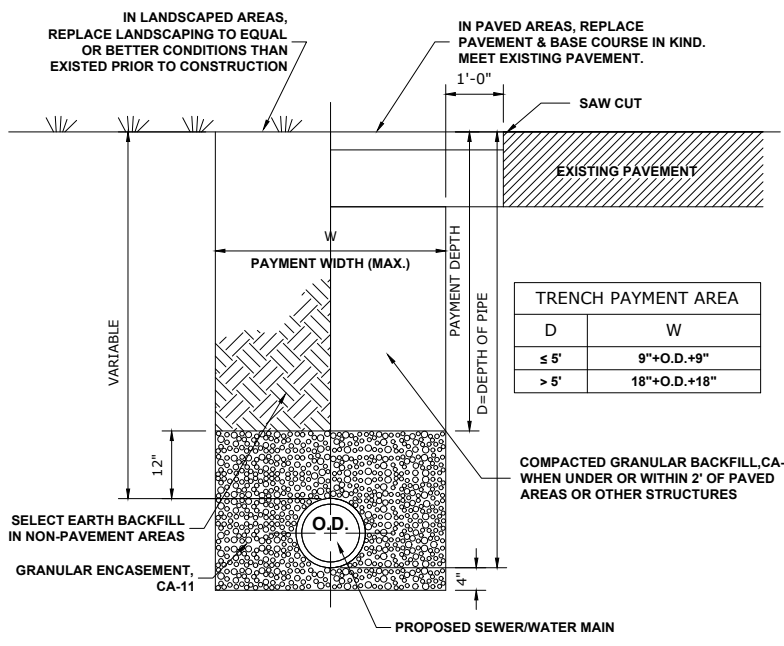
SECTION

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

PIPE TO EXISTING MANHOLE CONNECTION

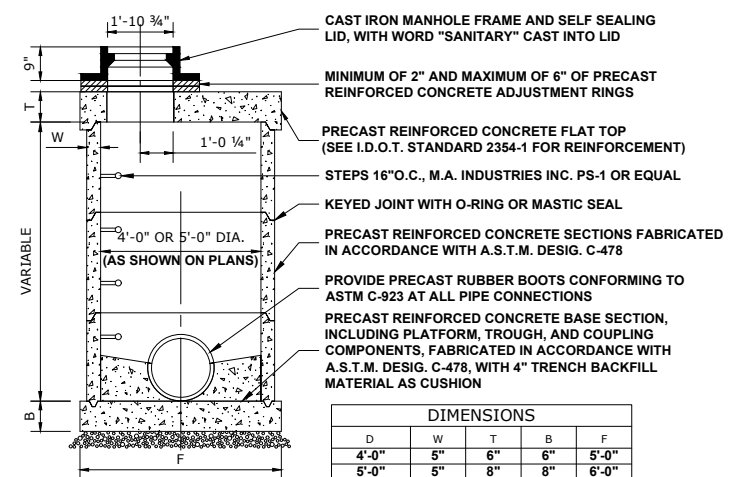


RESTRICTED DEPTH CATCH BASIN TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID (SPECIAL)



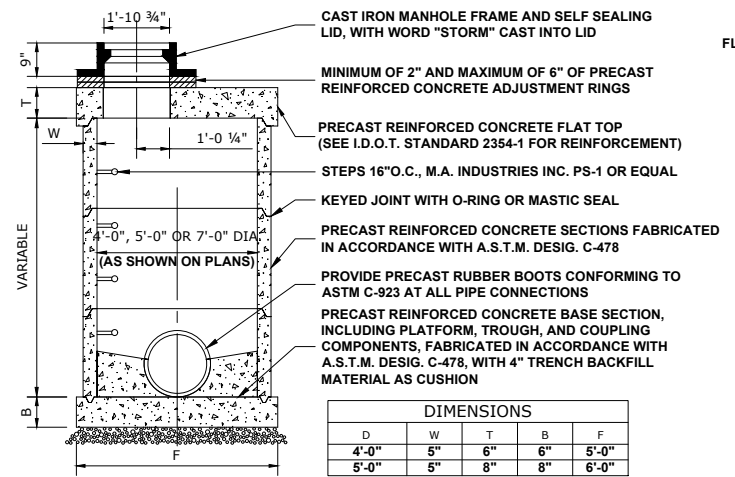
TYPICAL SEWER AND WATER MAIN TRENCH

TRENCH PAYMENT AREA	
D	W
≤ 5'	9"+O.D.+9"
> 5'	18"+O.D.+18"



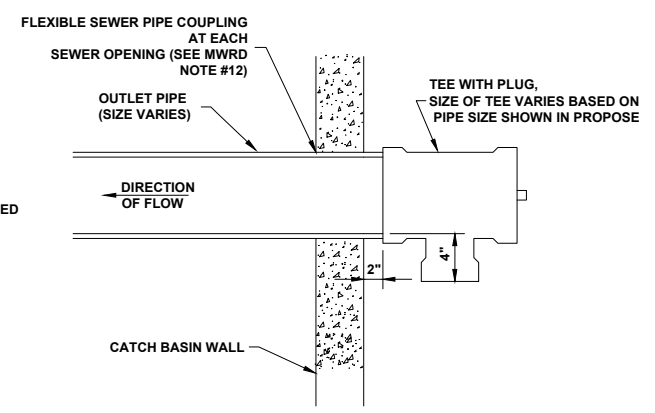
RESTRICTED DEPTH SANITARY MANHOLE TYPE 1 FRAME, CLOSED LID (SPECIAL)

DIMENSIONS				
D	W	T	B	F
4'-0"	5"	6"	6"	5'-0"
5'-0"	5"	8"	8"	6'-0"



RESTRICTED DEPTH STORM MANHOLE TYPE 1 FRAME, CLOSED LID

DIMENSIONS				
D	W	T	B	F
4'-0"	5"	6"	6"	5'-0"
5'-0"	5"	8"	8"	6'-0"



CATCH BASIN TRAP AND RESTRICTOR

NOT TO SCALE

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DATE - 8-6-24	REVISED -

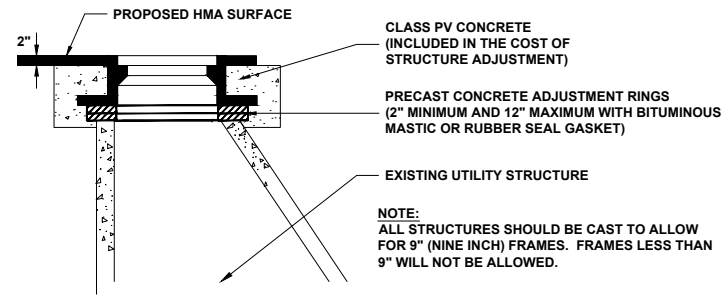
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES DETAILS

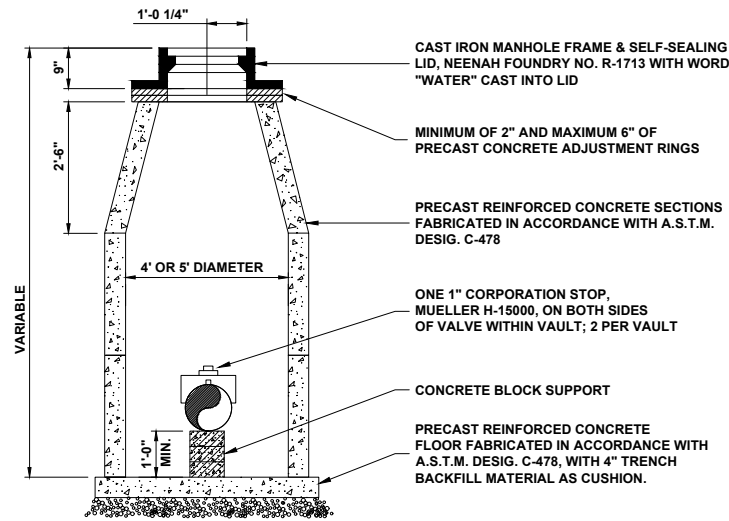
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	47
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

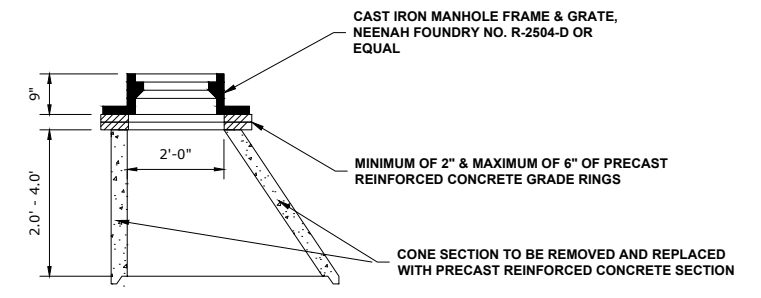
E.I.E. PROJECT NO. 665-21-244



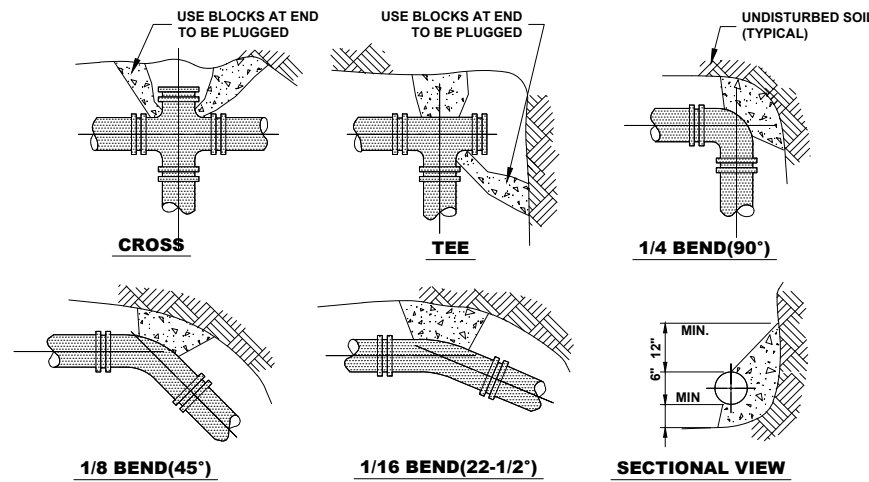
STRUCTURE ADJUSTMENT



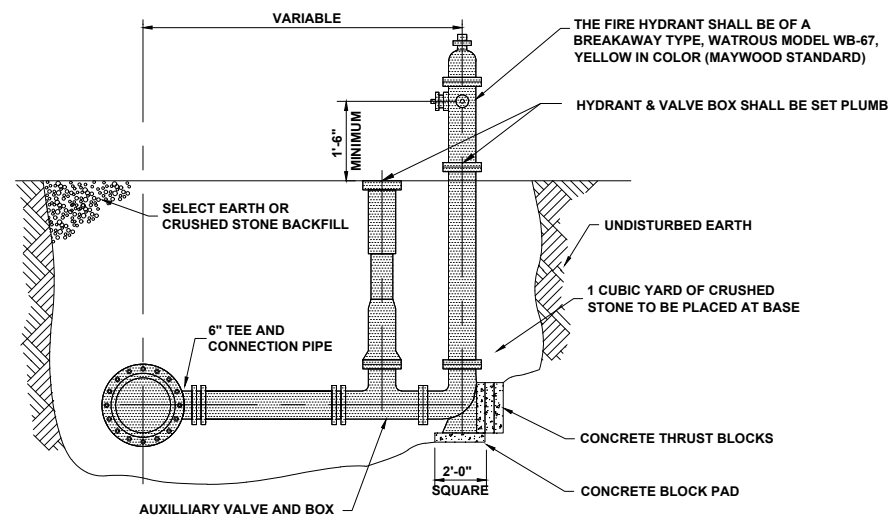
STANDARD VALVE VAULT



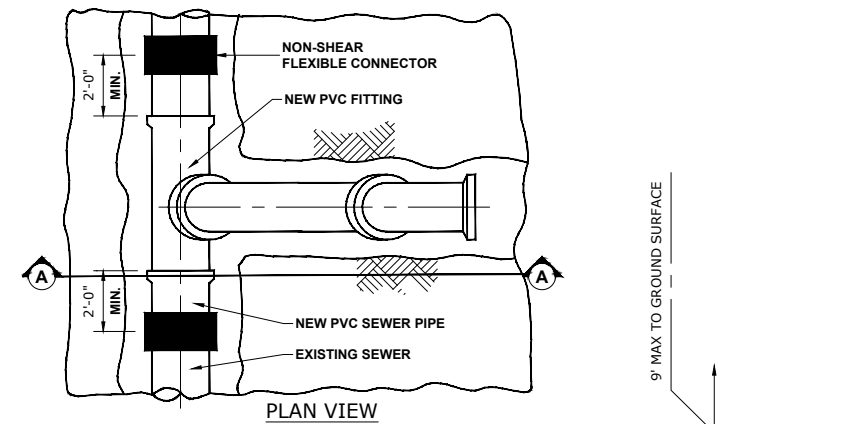
VALVE VAULT / MANHOLE RECONSTRUCTION



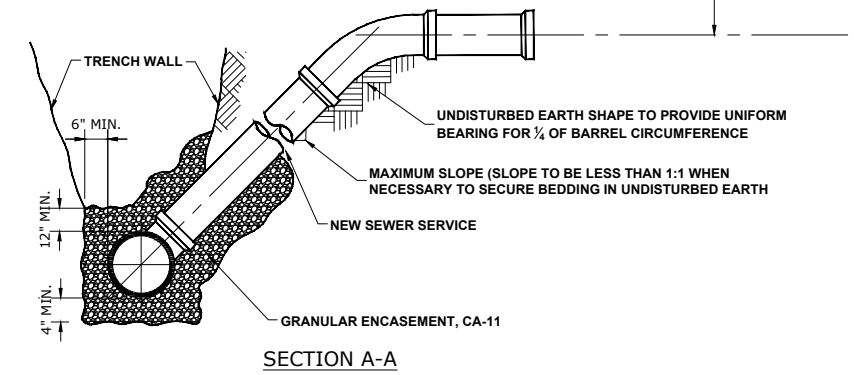
THRUST BLOCK



FIRE HYDRANT

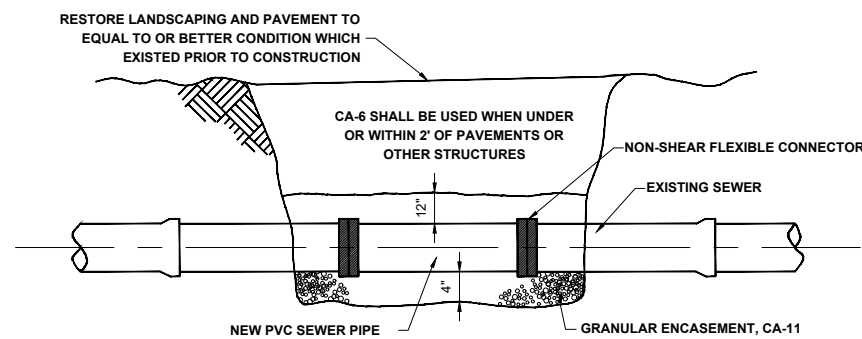


PLAN VIEW

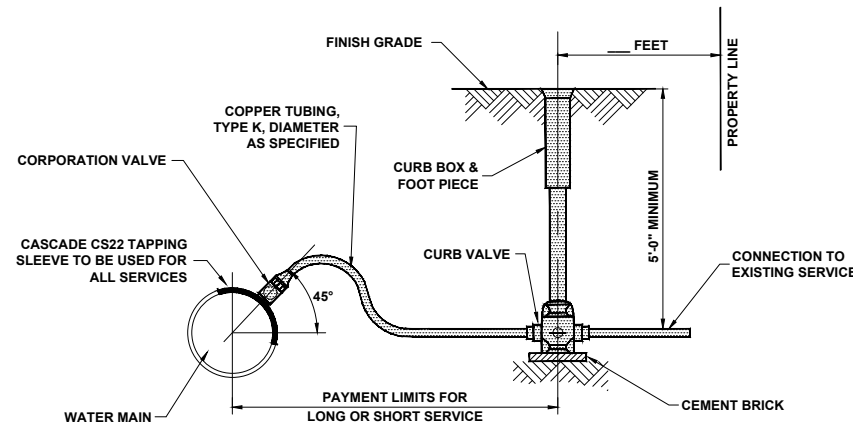


SECTION A-A

SANITARY SERVICE CONNECTION (TEE FITTING ON EXISTING MAIN)



TYPICAL SEWER PIPE REPLACEMENT



NOTE: MAKE & MODEL OF WATER SERVICE COMPONENTS PER SPECIFICATIONS

WATER SERVICE

Drawing file: W:\Projects_by_Village_Moywood\66521244 - 18th Avenue Phase II\Drainage-Details.dwg Oct. 27, 2024 - 11:13am



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DATE -	8-6-24	REVISED -	

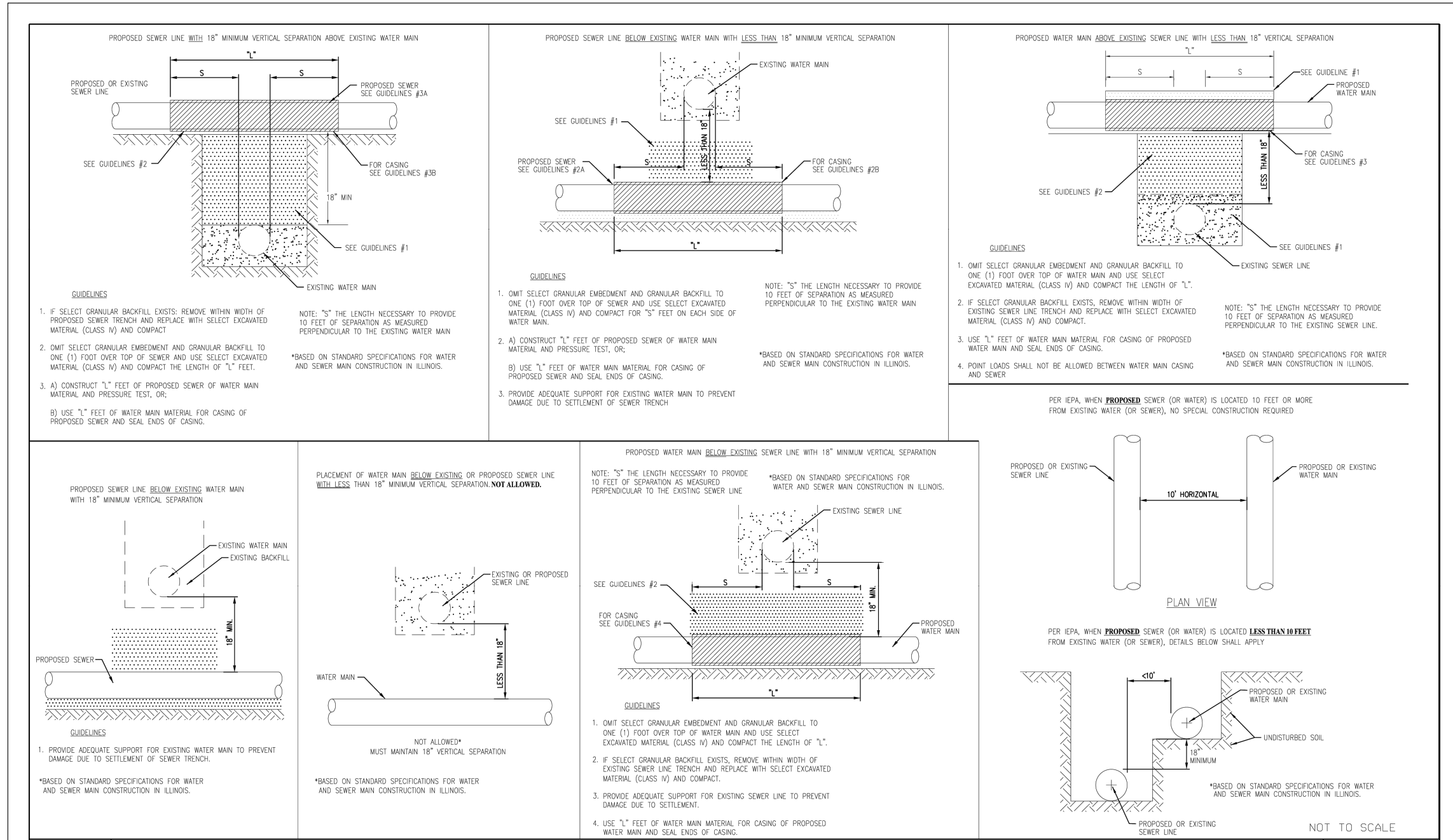
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES DETAILS

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

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	48
FIELD BOOK NO. :-		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 665-21-244



TECHNICAL GUIDANCE MANUAL

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)

	7/1/15
	STD. DWG. NO. 41
	PAGE NO. 42

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	DESIGNED - RP	REVISED -
	DRAWN - SFB, DMM, ECW, GD	REVISED -
	CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES DETAILS

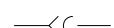
SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

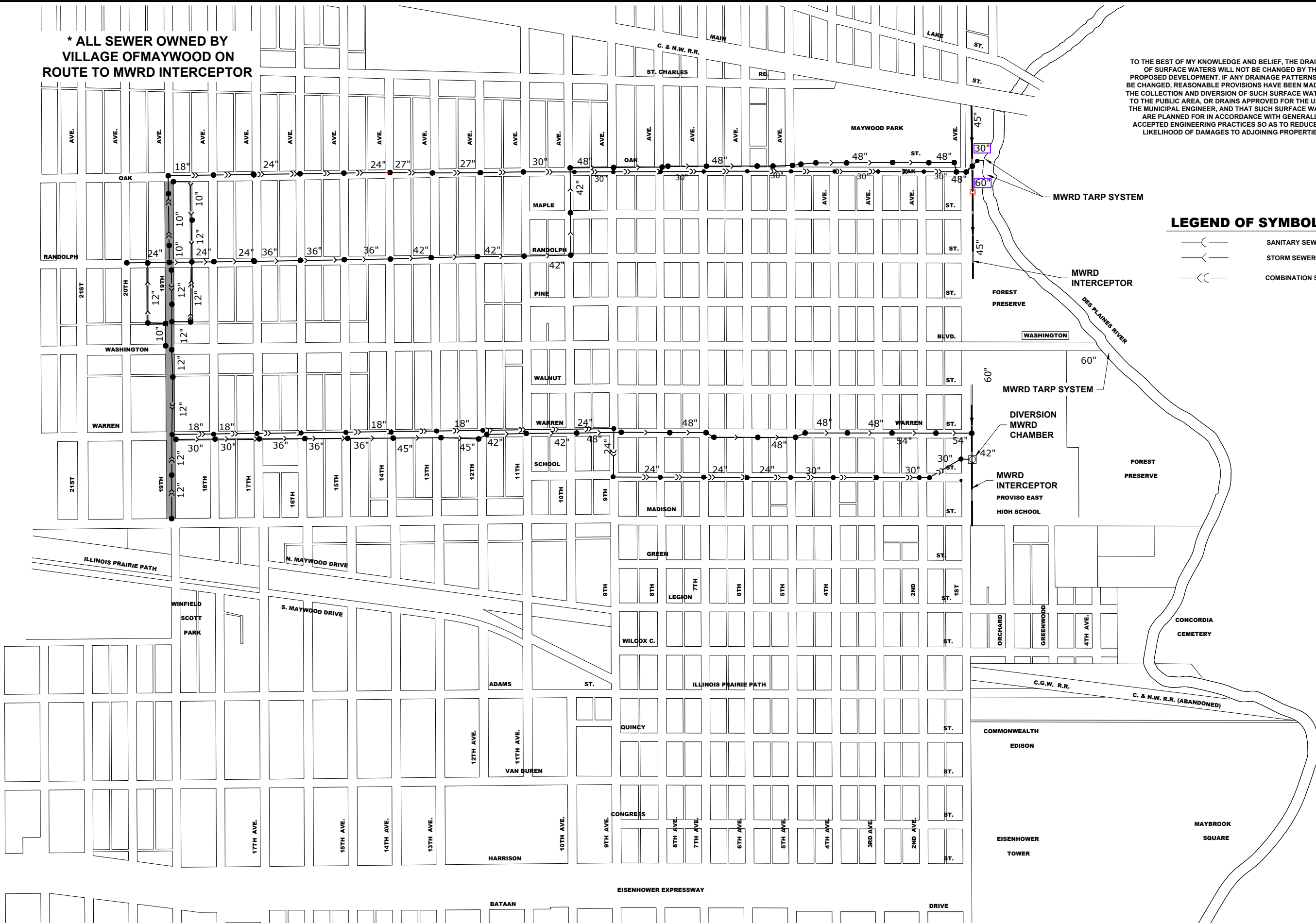
MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	49
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

* ALL SEWER OWNED BY VILLAGE OF MAYWOOD ON ROUTE TO MWRD INTERCEPTOR

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS IN TO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE USE BY THE MUNICIPAL ENGINEER, AND THAT SUCH SURFACE WATERS ARE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGES TO ADJOINING PROPERTIES

LEGEND OF SYMBOLS

-  SANITARY SEWER
-  STORM SEWER
-  COMBINATION SEWER



Drawing file: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\04_MWRDGC_GeneralNotes.dwg Oct 27, 2024 - 11:11am

HANCOCK ENGINEERING
 1990 Remond Road, Woodstock, IL 60191
 Phone: 815-466-2200
 Fax: 815-466-2202
 www.hancockeng.com

◆ CMI Engineers
 ◆ Municipal Consultants
 ◆ Established 1911

DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MWRDGC ROUTE OUTLET MAP

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

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	50
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

I.H.E. PROJECT NO. 56521-244

SIGNING NOTES:

DESIGN: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 1975.

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

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

SOIL PRESSURE: MINIMUM ALLOWABLE SOIL PRESSURE = 1.25 TSF.

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




































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

STAINLESS STEEL: BOLTS: ASTM A193, CLASS 1, GRADE B8, NUTS: ASTM A194, GRADE 8 OR 8F, WASHERS: ASTM A240, TYPE 302 OR 304.

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

NOTE: PER 2009 MUTCD SECTION 2D.43, PARAGRAPH 03, STREET NAME SIGNS ARE TO BE MIXED CASE FONT.

SYMBOL DESCRIPTION
 METAL POST - TYPE A

JOB-SITE SIGNING CODES AND SIZES			JOB-SITE SIGNING CODES AND SIZES		
SYMBOL	SIGN	CODE & SIZE	SYMBOL	SIGN	CODE & SIZE
		R1-1 30"x30"		PACE BUS STOP ROUTE 331	SIGN TO BE TEMPORARY ERECTED DURING CONSTRUCTION AT NEW LOCATION AND REINSTALLED BY CONTRACTOR
	ALL WAY	R1-3 12"x6"			W3-1X 30"x30"
		R2-1 24"x30"			R7-1 12"x18"
		R5-1 30"x30"			R5-2* 24"x24"
	STREET SWEEPING	R7-1 12"x15"			R7-1 12"x18"
		R7-1 12"x15"			W3-1X 30"x30"
		R7-1 12"x18"			R7-1 12"x18"
		S1-1 36"x36"			R7-1 12"x18"
		W16-7P 24"x12"			
		R7-1 12"x18"			
		R7-1 12"x18"			

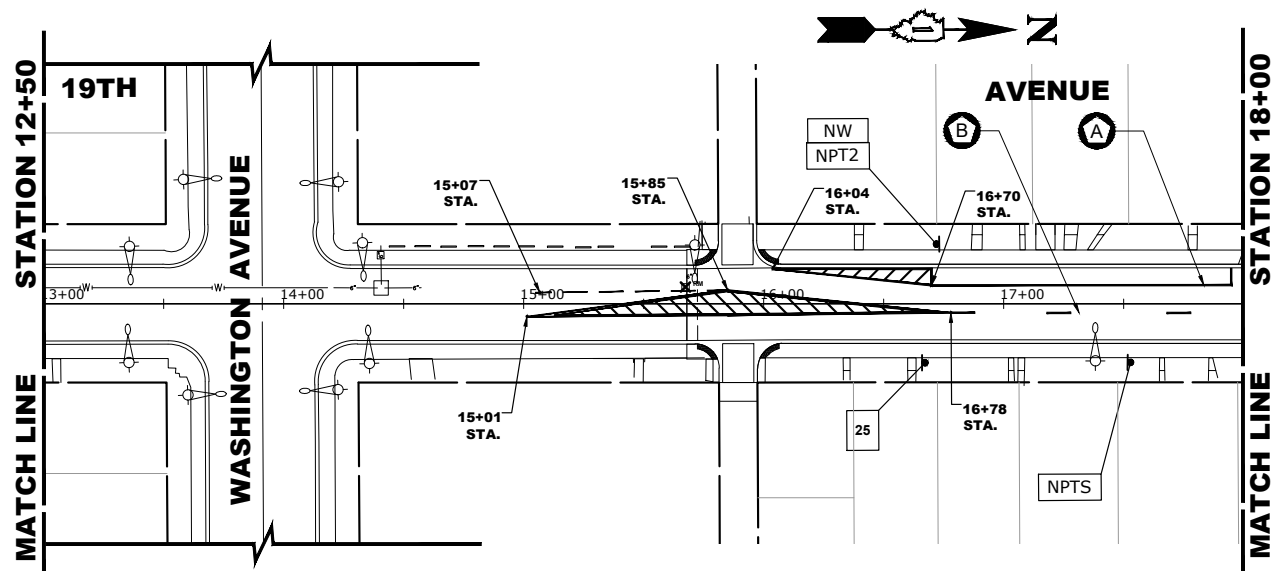
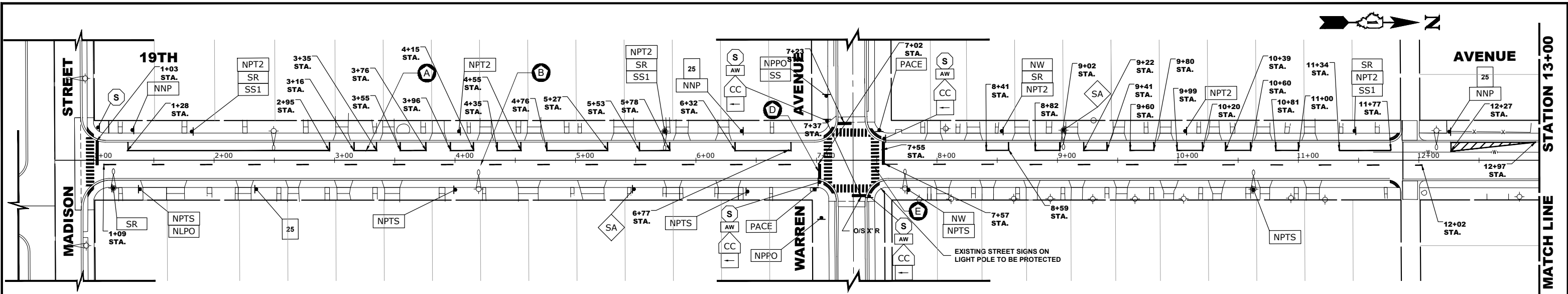
DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN LEGENDS AND NOTES

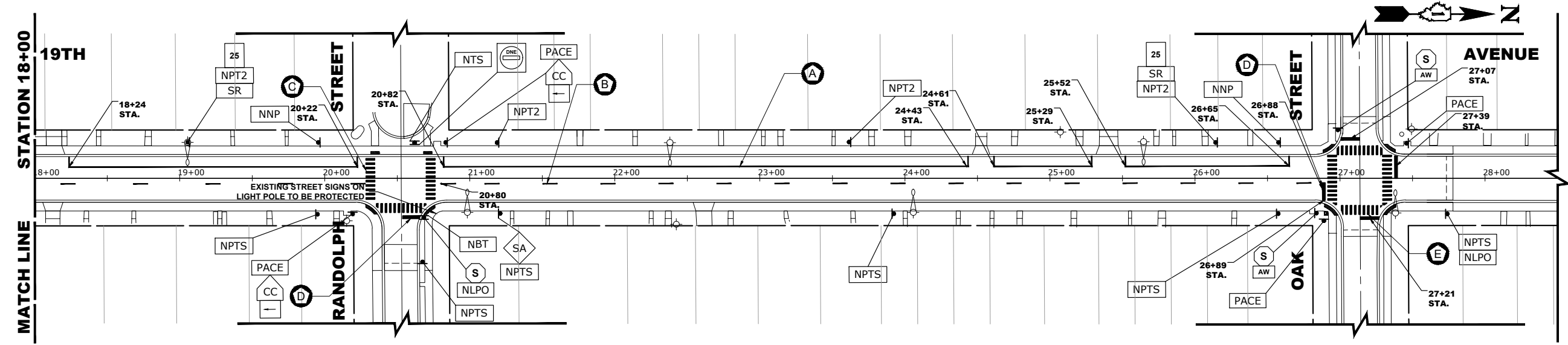
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	51
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTE:**
- VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS ARE TO BE REMOVED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. AS DESIGNATED BY ENGINEER, THE CONTRACTOR SHALL REINSTALL SIGNS AFTER COMPLETION OF PROJECT. REMOVAL AND NEW REPLACEMENT OF VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS AND THEIR POSTS ARE TO BE DETERMINED BY THE ENGINEER. (COST IS TO BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING SIGN " OR "SIGN PANEL - TYPE 1" AND "METAL POST - TYPE 1" PAY ITEM)
 - ALL SIGNS TO BE REMOVED BY CONTRACTOR TO BE GIVEN TO ENGINEER FOR STORAGE OR DELIVERED TO VILAGE.
 - STREET NAME SIGNS AND POSTS ARE TO BE REMOVED BY CONTRACTOR AT THE BEGINNING OF CONSTRUCTION, SAFELY STORED BY THE CONTRACTOR AND REINSTALLED BY THE CONTRACTOR AT THE COMPLETION OF THE PROJECT (COST IS TO BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING SIGN" PAY ITEM)
 - ALL POSTS TO BE TYPE A UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO VERIFY LOCATIONS OF ALL SIGNAGE.
 - CROSSWALK 12" BARS SPACED AT 3' CENTER TO CENTER
 - SIGNS TO BE BANDED TO LIGHT POST AS DIRECTED BY ENGINEER COST FOR BANDING TO BE INCLUDED IN THE COST OF "SIGN PANEL".

ITEM DESCRIPTION	SYMBOL
THERMOPLASTIC PAVEMENT MARKING - LINE 4" - WHITE	(A)
THERMOPLASTIC PAVEMENT MARKING - LINE 4" - YELLOW	(B)
THERMOPLASTIC PAVEMENT MARKING - LINE 6" - WHITE	(C)
THERMOPLASTIC PAVEMENT MARKING - LINE 24" - WHITE	(D)
THERMOPLASTIC PAVEMENT MARKING - LINE 12" - WHITE	(E)



HANCOCK ENGINEERING
 CMI Engineers
 Municipal Consultants
 Established 1911
 7900 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708.666.0100
 www.hancock.com

DESIGNED - RP	REVISED -
DRAWN - SFB, DMM, ECW, GD	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-6-24	REVISED -

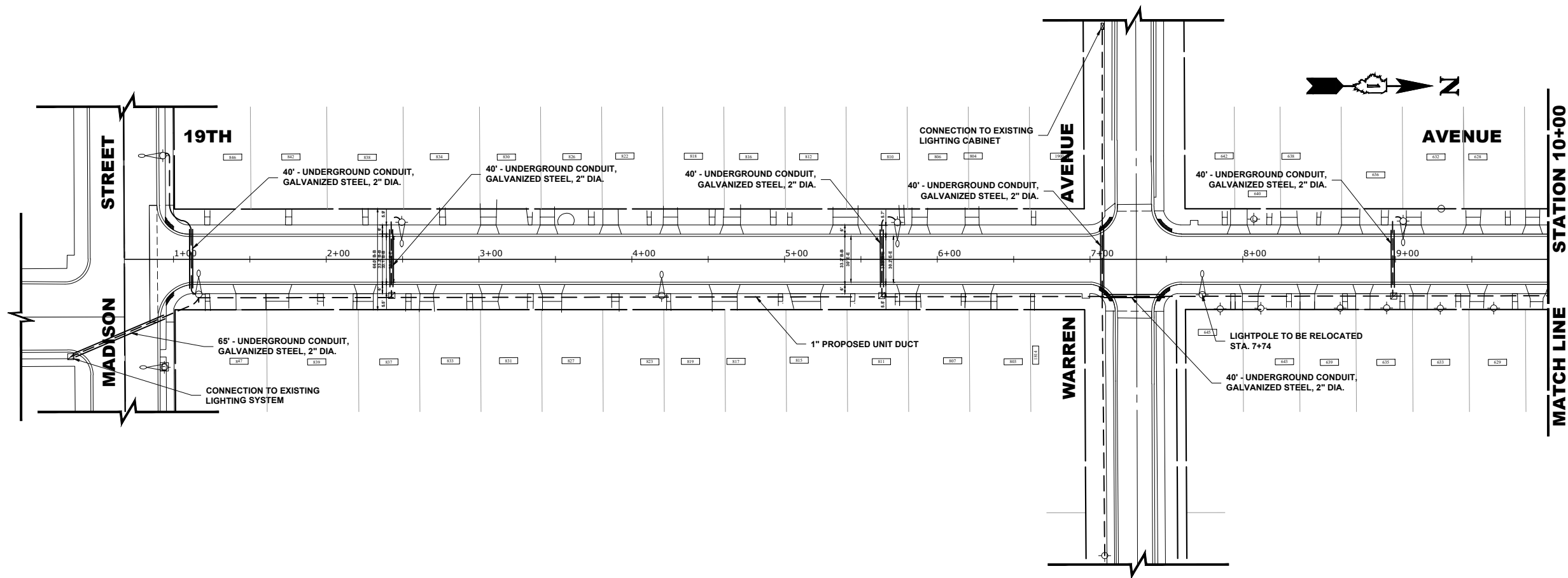
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN
 SCALE: 1" = 40'
 SHEET NO. 1 OF 1 SHEETS
 STA. 1+00 TO STA. 19+00

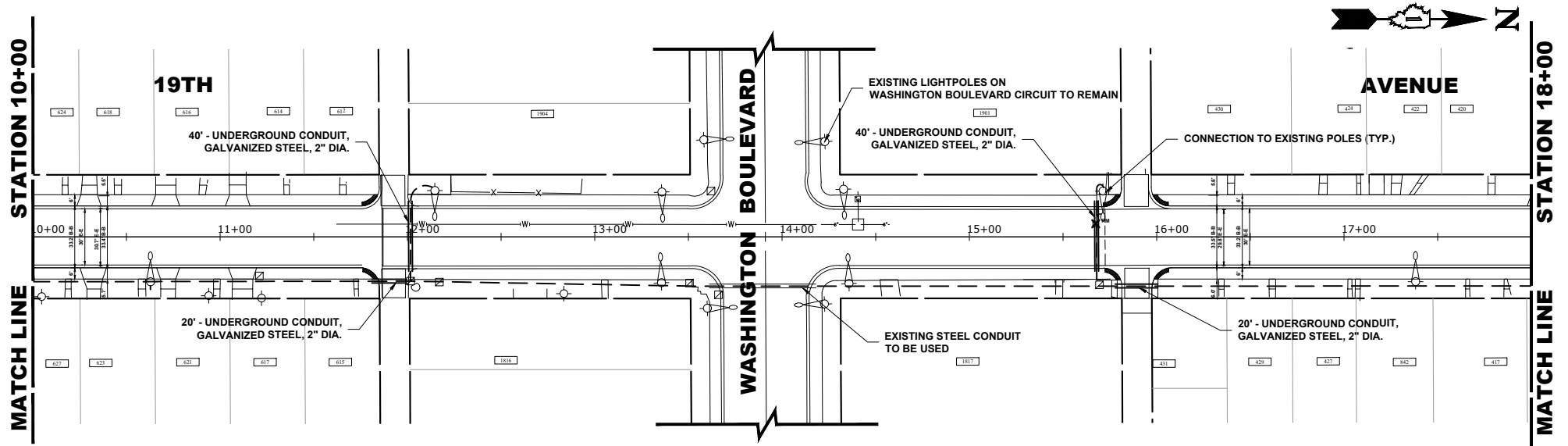
MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	52
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing File: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Site\19TH AVE_Ph 2 40scale.dwg
 Oct 27, 2024 - 11:13am
 E.H.E. PROJECT NO. 565-21-244

Drawing File: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Site\19TH AVE_Ph 2 40scale.dwg Oct 27, 2024 - 11:11am



LEGEND OF SYMBOLS	
	EXISTING LIGHT POLE AND FIXTURE
	PROPOSED HANDHOLE
	EXISTING HANDHOLE
	EXISTING CONTROL CENTER
	PROPOSED UNIT DUCT WITH 2-1/2\"/>
	EXISTING UNIT DUCT
	PROPOSED RIGID GALVANIZED STEEL CONDUIT
	CONTROLLER IDENTIFICATION (TYP.)
	CIRCUIT NUMBER (TYP.)
	POLE NUMBER (TYP.)
	STATION NUMBER (TYP.)



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 CIVIL ENGINEERS
 Municipal Consultants
 Established 1911

7908 Roosevelt Road
 Westchester, IL 60591-2908
 Phone: 708.666-0300
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DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

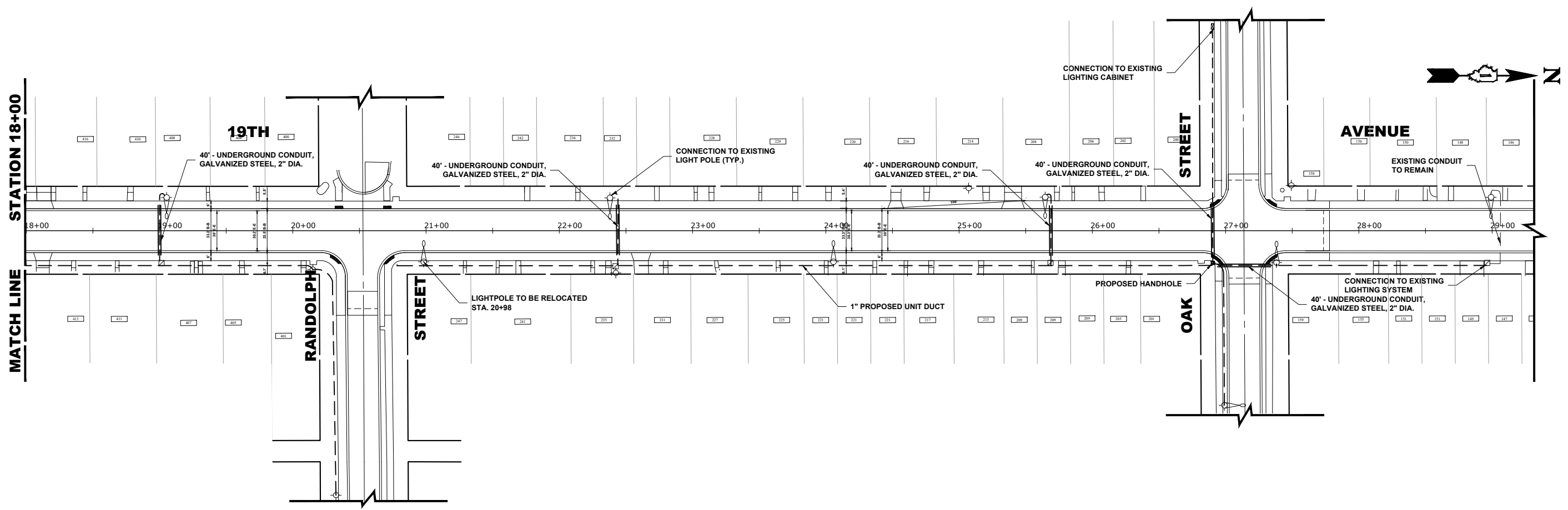
SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 18+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	53
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

LEGEND OF SYMBOLS

	EXISTING LIGHT POLE AND FIXTURE
	PROPOSED HANDHOLE
	EXISTING HANDHOLE
	EXISTING CONTROL CENTER
	PROPOSED UNIT DUCT WITH 2-1/C No. 6 & 1-1/C No. 8 GROUND, 600V (XLP-(TYPE USE)), 1" DIAMETER OR AS NOTED
	EXISTING UNIT DUCT
	PROPOSED RIGID GALVANIZED STEEL CONDUIT
	CONTROLLER IDENTIFICATION (TYP.)
	CIRCUIT NUMBER (TYP.)
	POLE NUMBER (TYP.)
	STATION NUMBER (TYP.)



Drawing File: W:\Projects_by_Village\Maywood\56521244 - 19th Avenue Phase II\Site\19TH AVE_Ph 2 40scale.dwg Oct 27, 2024 - 11:00am

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 Westchester, IL 60591-2908
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DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

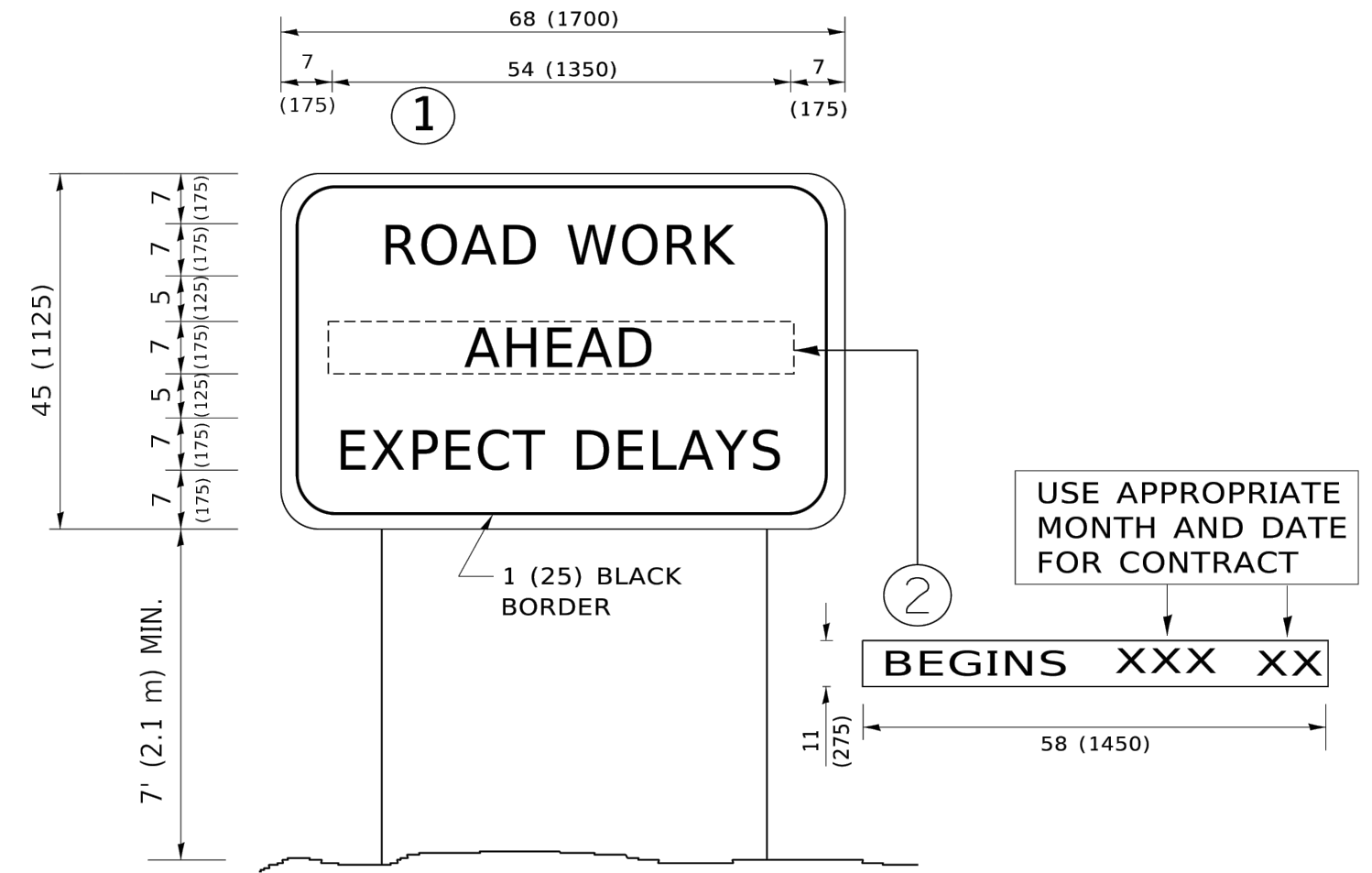
LIGHTING PLAN

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 18+00 TO STA. 29+00

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	54
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects_by_Village\Waywood\56521244 - 19th Avenue Phase I\TC_22.dwg Oct 27, 2024 - 11:05am



NOTES:

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

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

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

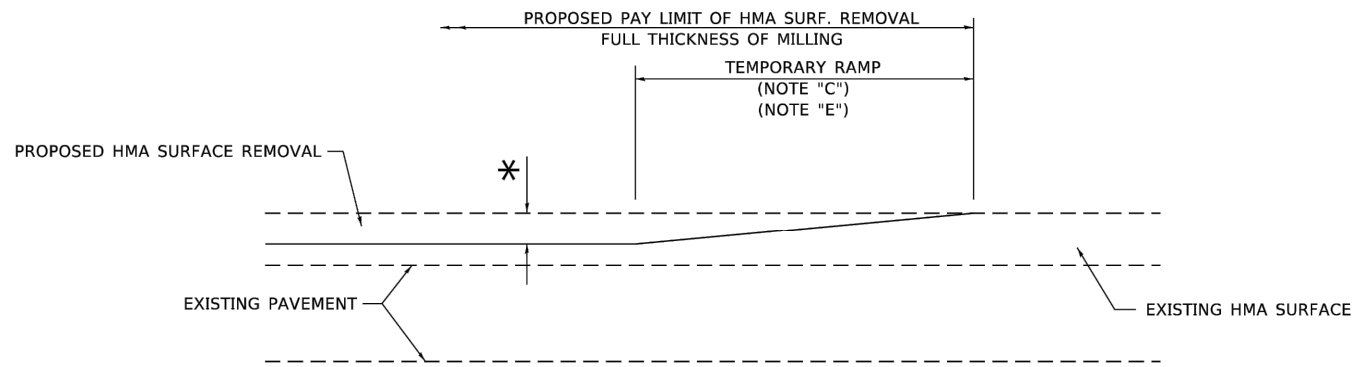
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	55
TC-22			CONTRACT NO. 61K87	
ILLINOIS FED. AID PROJECT				

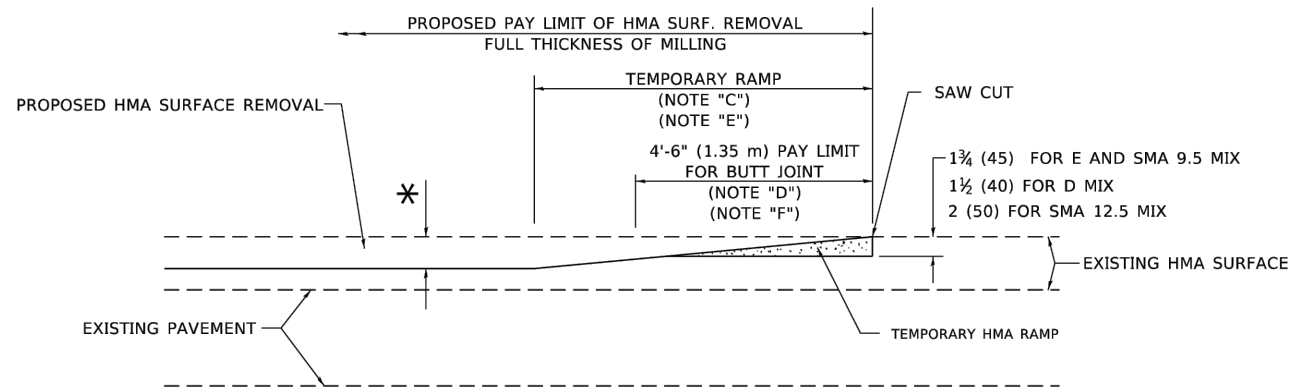
E.H.E. PROJECT NO. 565-21-244



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

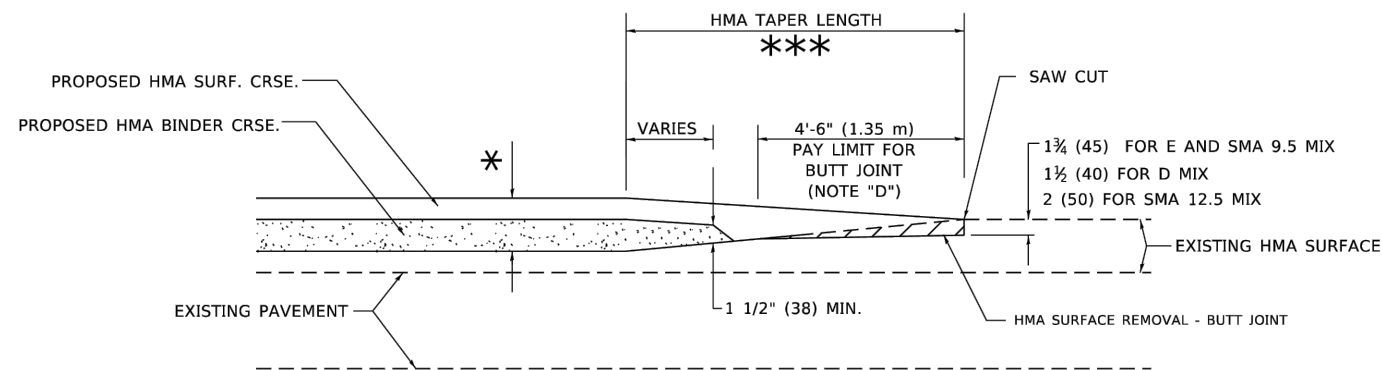


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

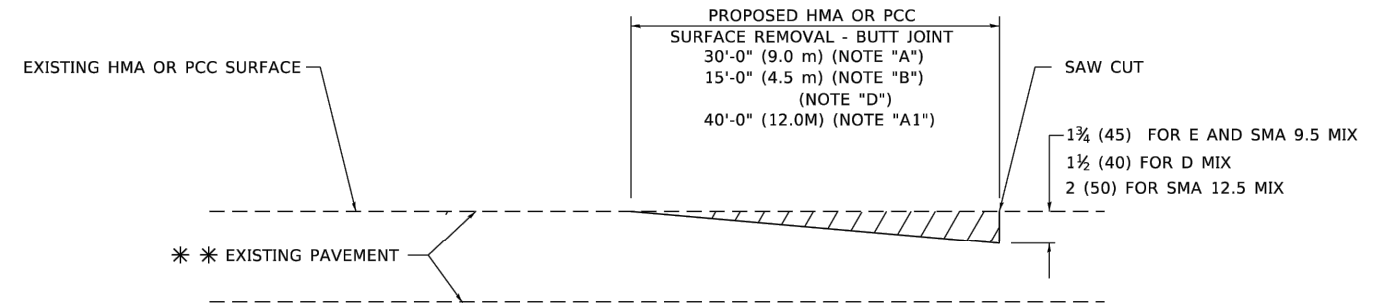
OPTION 2

TYPICAL TEMPORARY RAMP

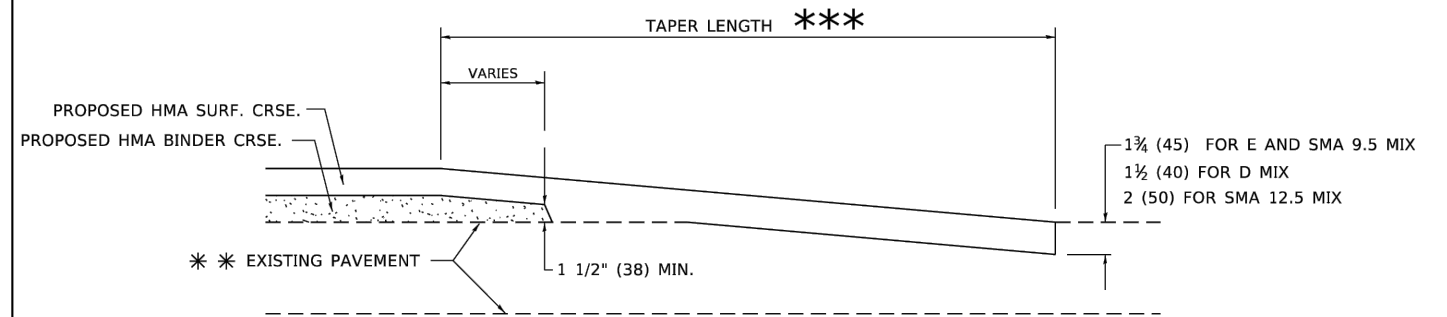


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
 - *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 - *** 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	56
BD400-05 BD-32		CONTRACT NO. 61K87		
		ILLINOIS FED. AID PROJECT		

Drawing file: W:\Projects_by_Village\Waywood\56521244 - 19th Avenue Phase II\TC_21.dwg Oct 27, 2024 - 11:17am

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

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

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

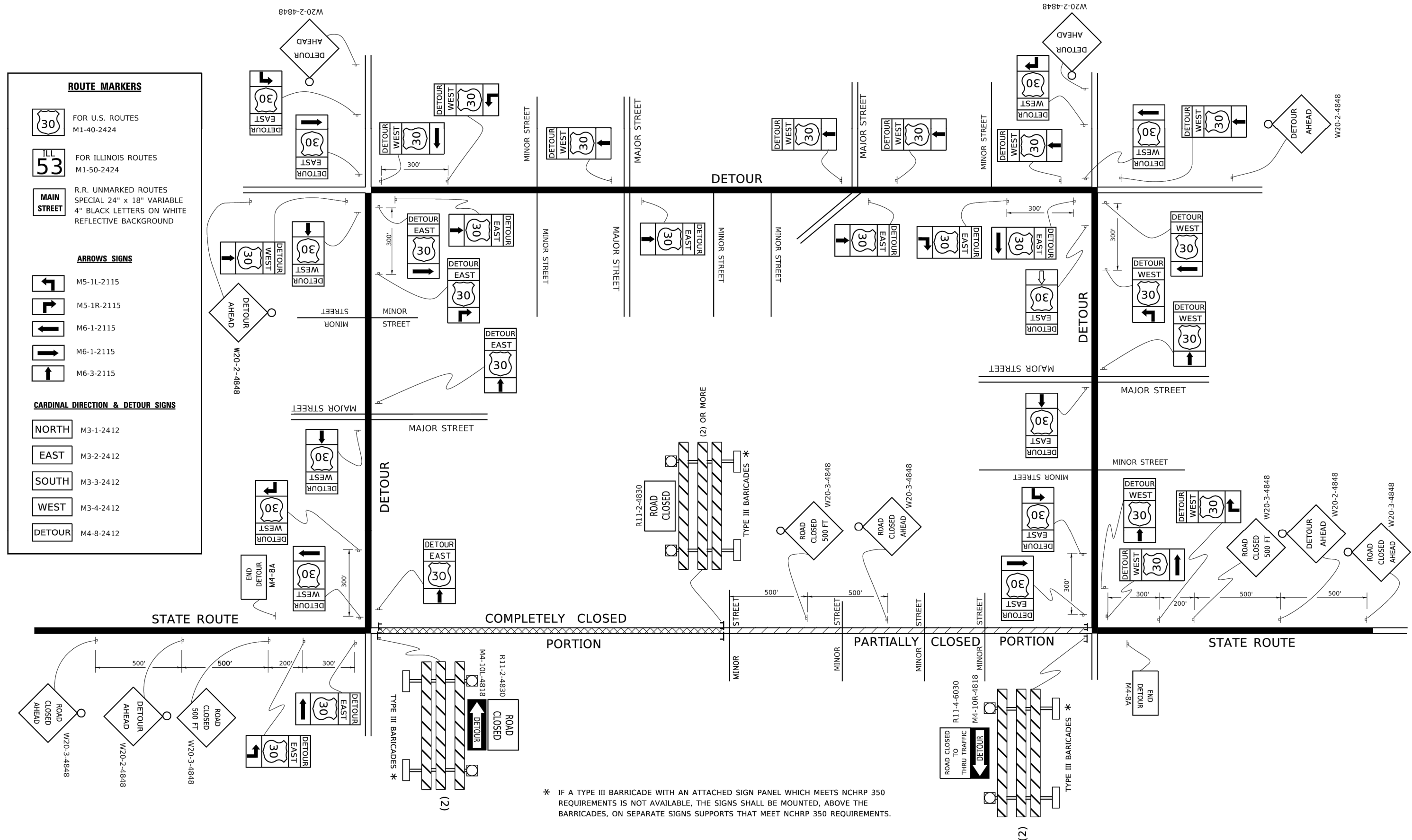
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



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

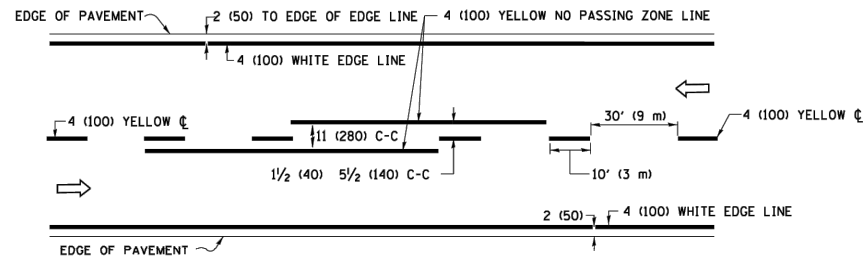
USER NAME = footemj	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

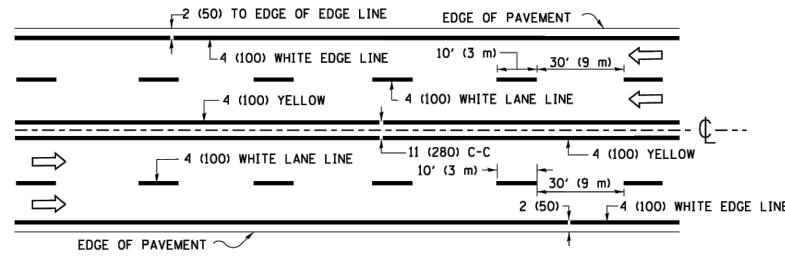
DETOUR SIGNING FOR CLOSING STATE HIGHWAYS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	57
TC-21		CONTRACT NO. 61K87		
ILLINOIS FED. AID PROJECT				

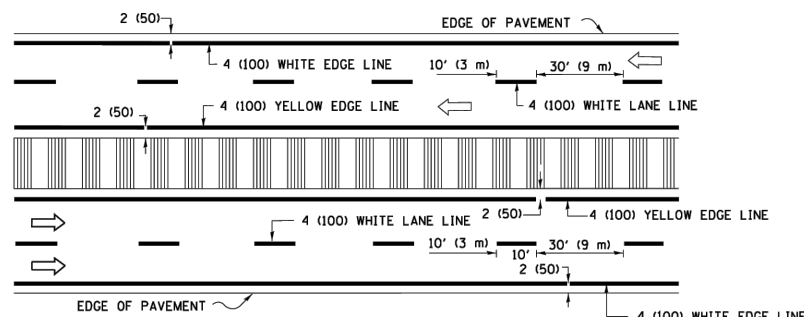
E.H.E. PROJECT NO. 565-21-244



2-LANE ROADWAY

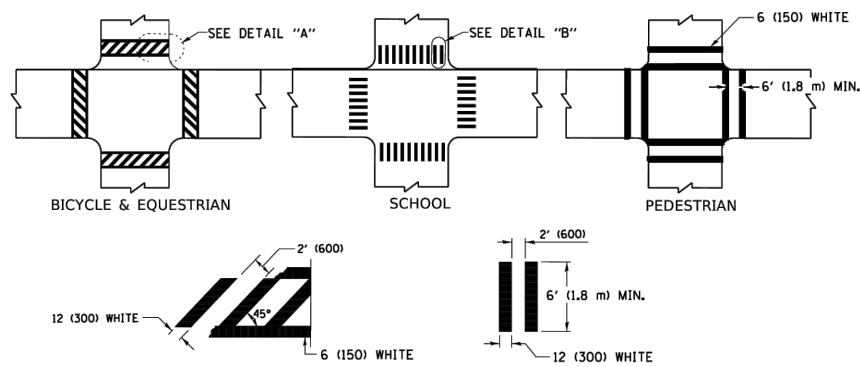


MULTI-LANE UNDIVIDED



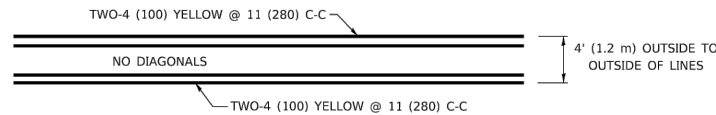
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

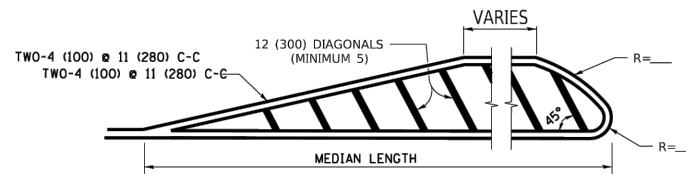


TYPICAL CROSSWALK MARKING

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



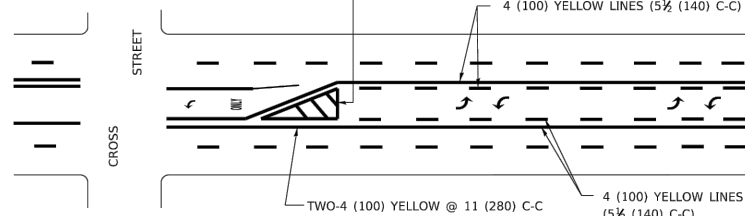
4' (1.2 m) WIDE MEDIANS ONLY



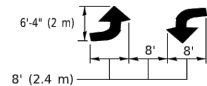
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

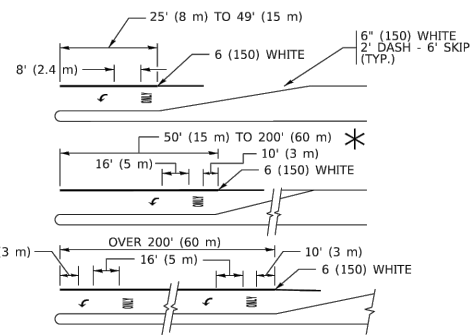


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

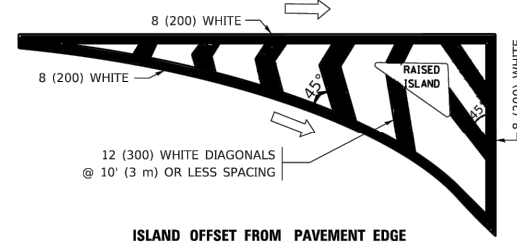


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

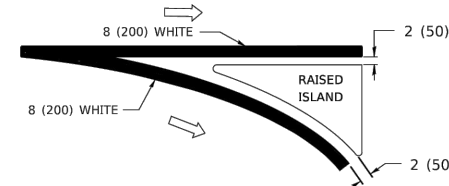
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

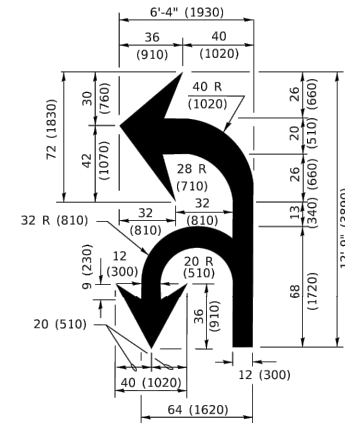


ISLAND OFFSET FROM PAVEMENT EDGE

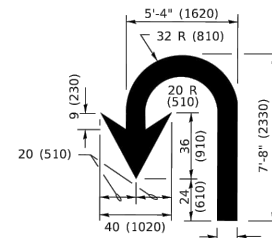


ISLAND AT PAVEMENT EDGE

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

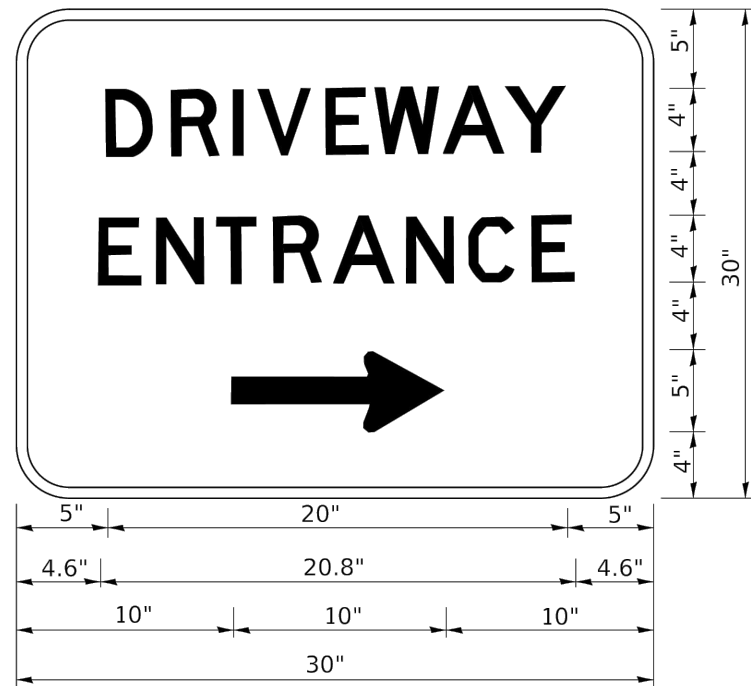
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	58
TC-13		CONTRACT NO. 61K87		
ILLINOIS FED. AID PROJECT				



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

NOTES:

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

Drawing file: W:\Projects_by_Village\Waywood\56521244 - 19th Avenue Phase I\TC_26.dwg Oct 27, 2024 - 11:17am

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

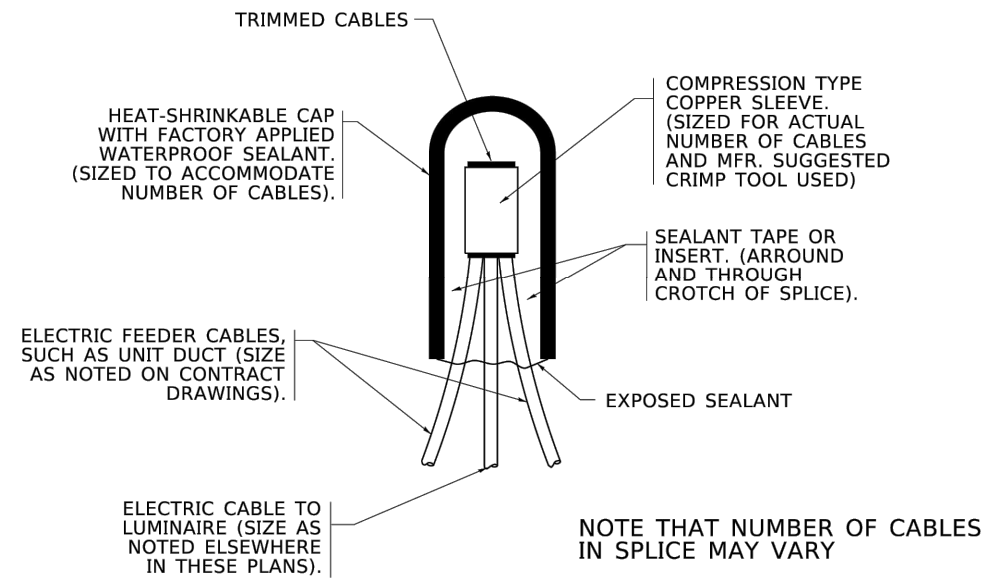
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

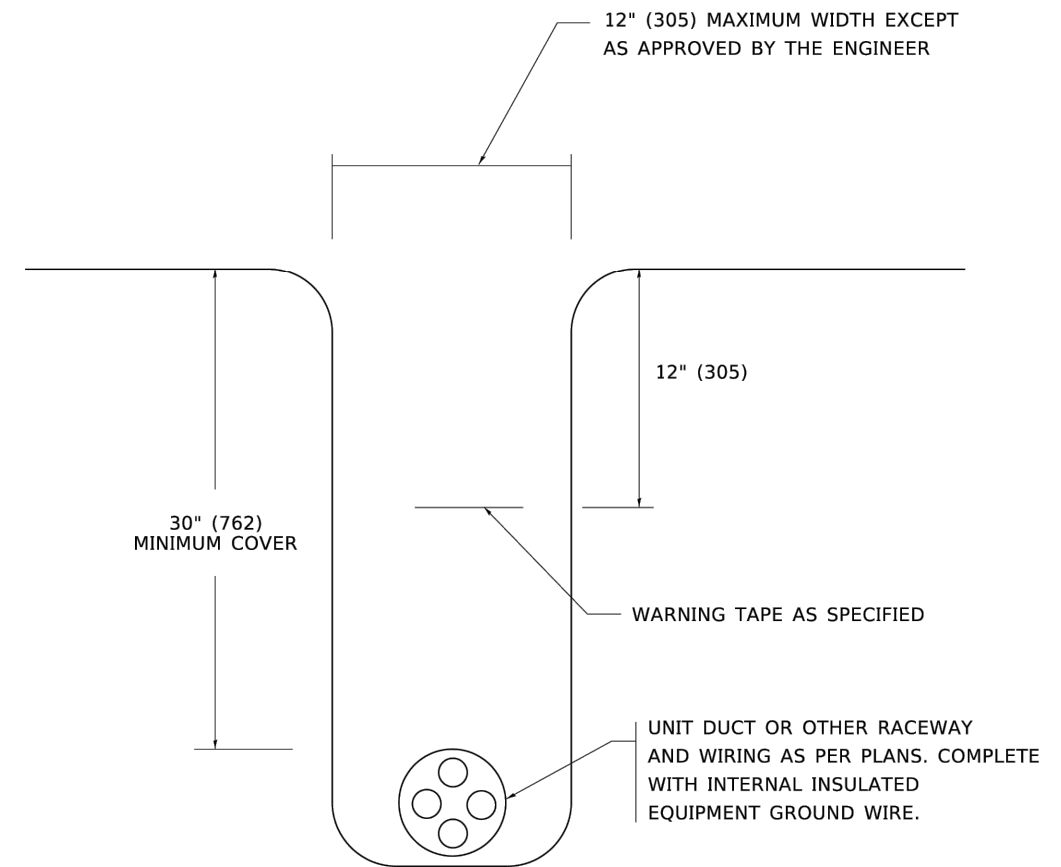
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	59
TC-26			CONTRACT NO. 61K87	
ILLINOIS FED. AID PROJECT				

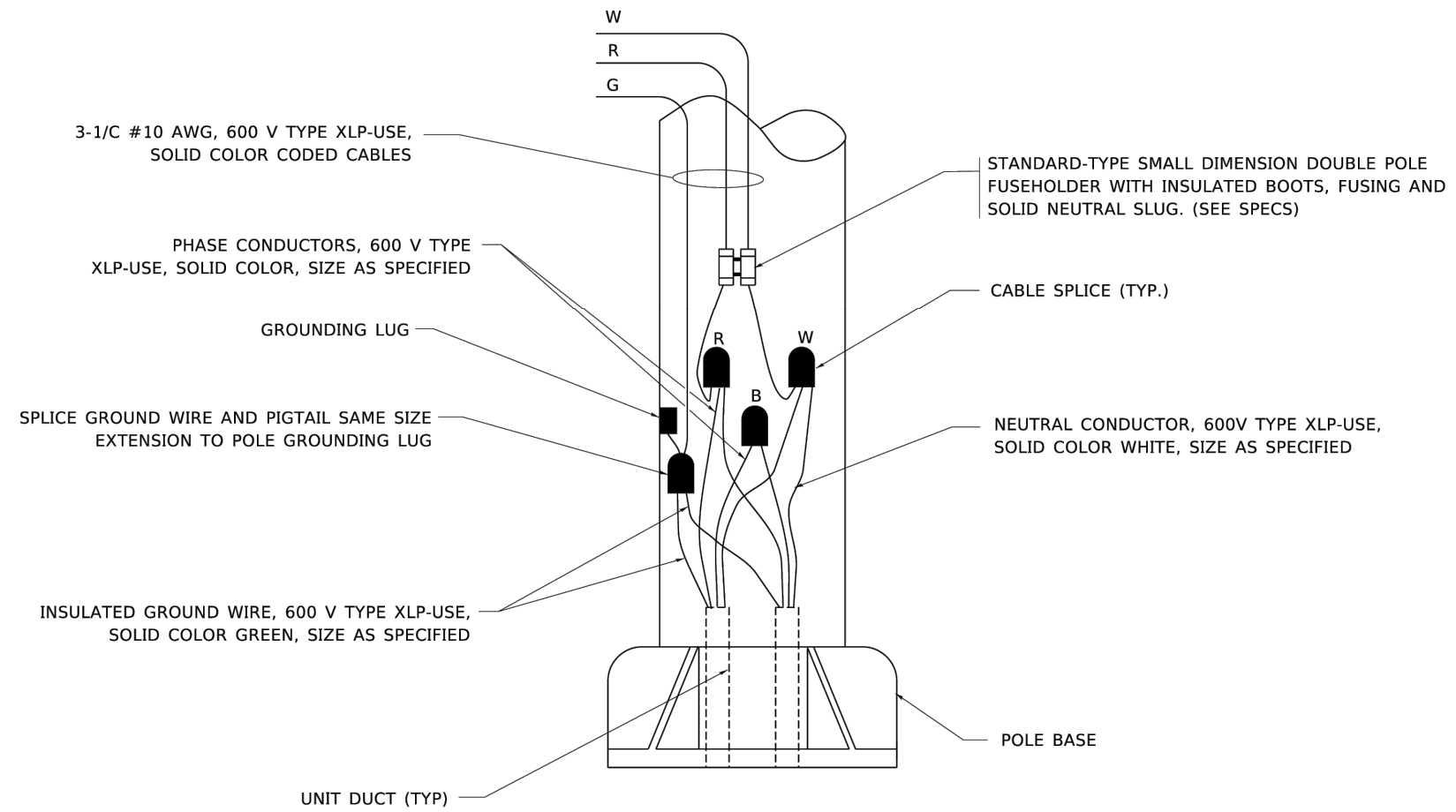
E.H.E. PROJECT NO. 565-21-244



TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

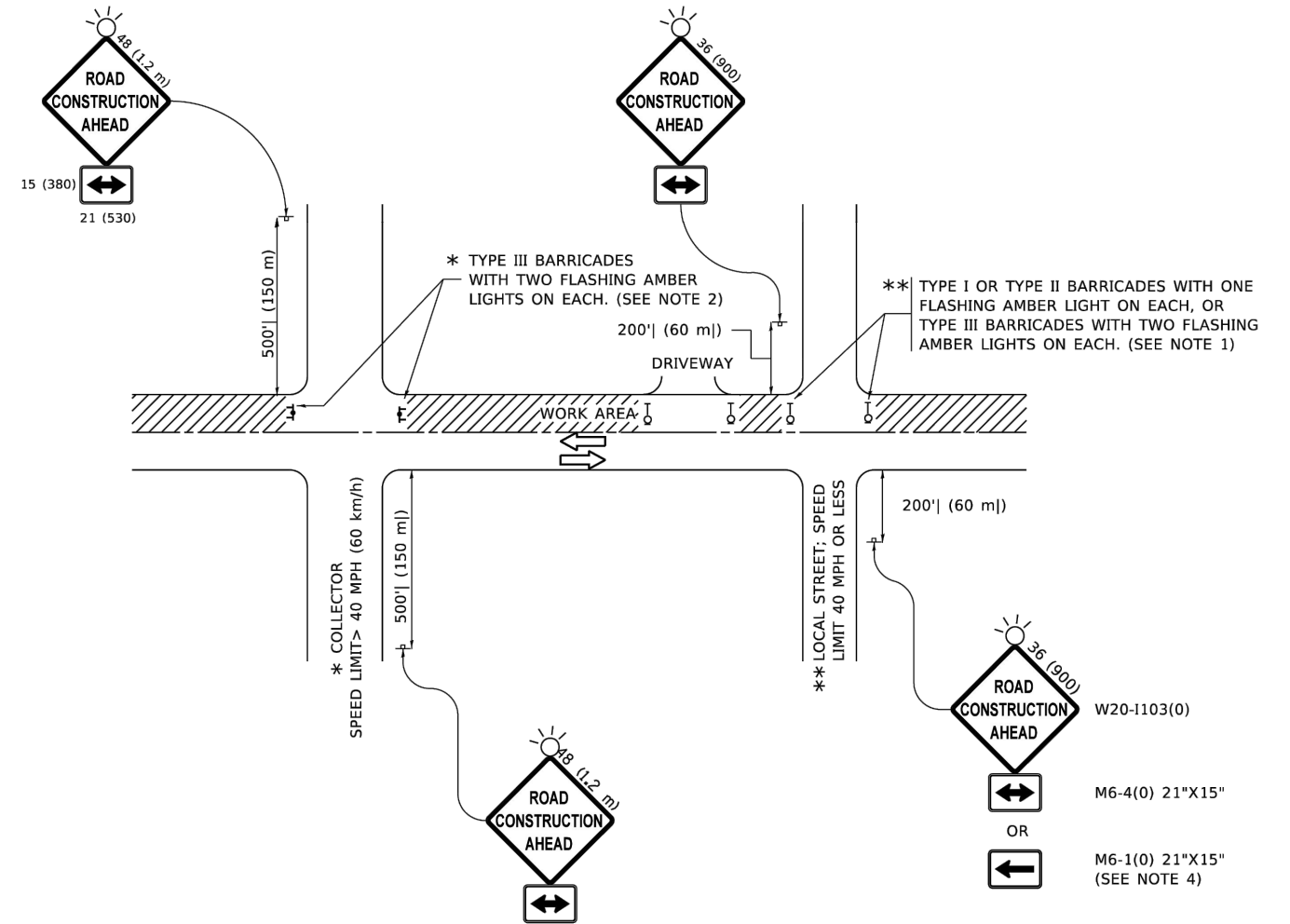
MISC. ELECTRICAL DETAILS			
SHEET A			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	60
BE-702		CONTRACT NO. 61K87		
ILLINOIS FED. AID PROJECT				

Drawing file: W:\Projects_by_Village\Waywood\56521244 - 19th Avenue Phase II\BE-702.dwg Oct 27, 2024 - 11:19am

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects_by_Village\Waywood\56521244 - 19th Avenue Phase I\TC_10.dwg Oct 27, 2024 - 11:07am



NOTES:

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

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

USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
DRAWN -	REVISOR - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDEK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

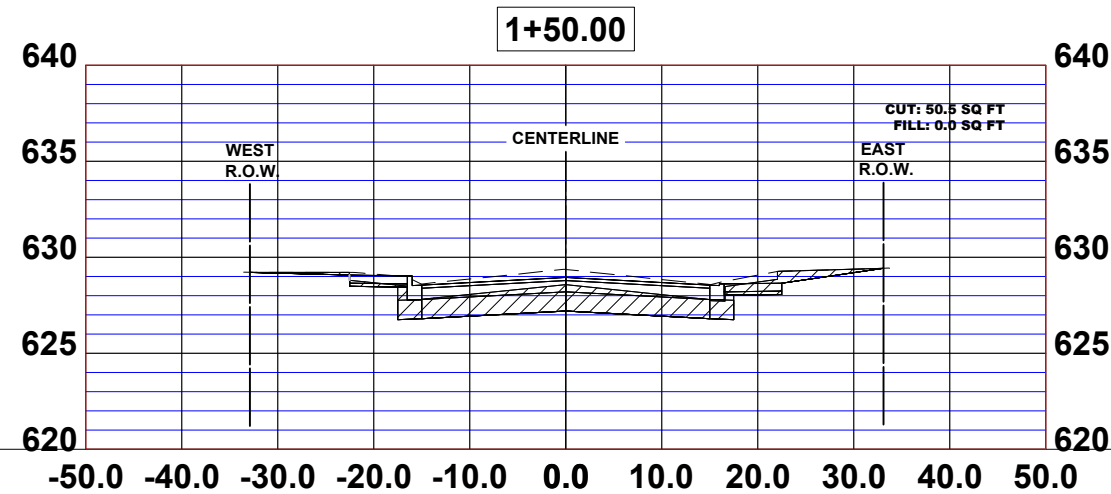
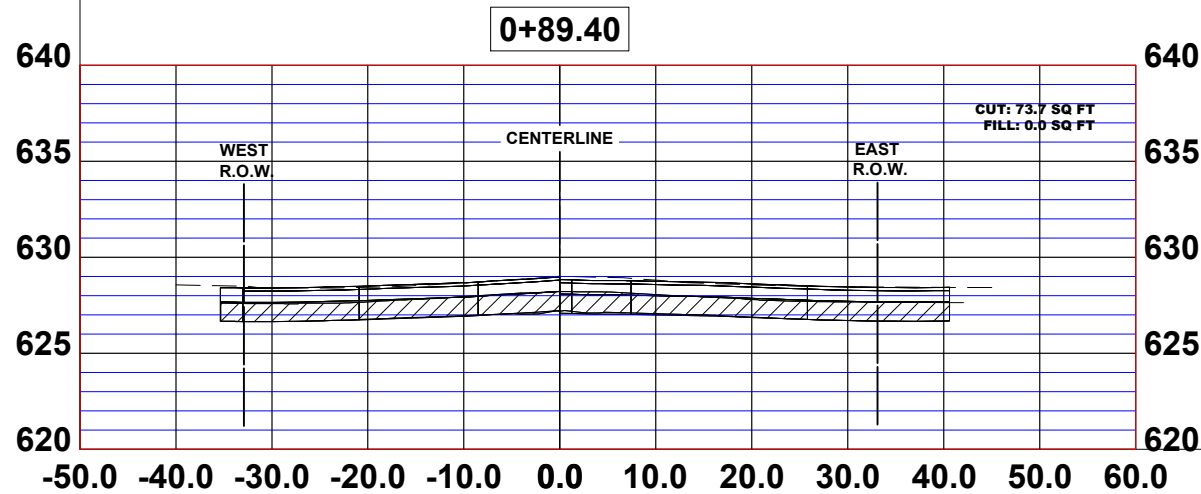
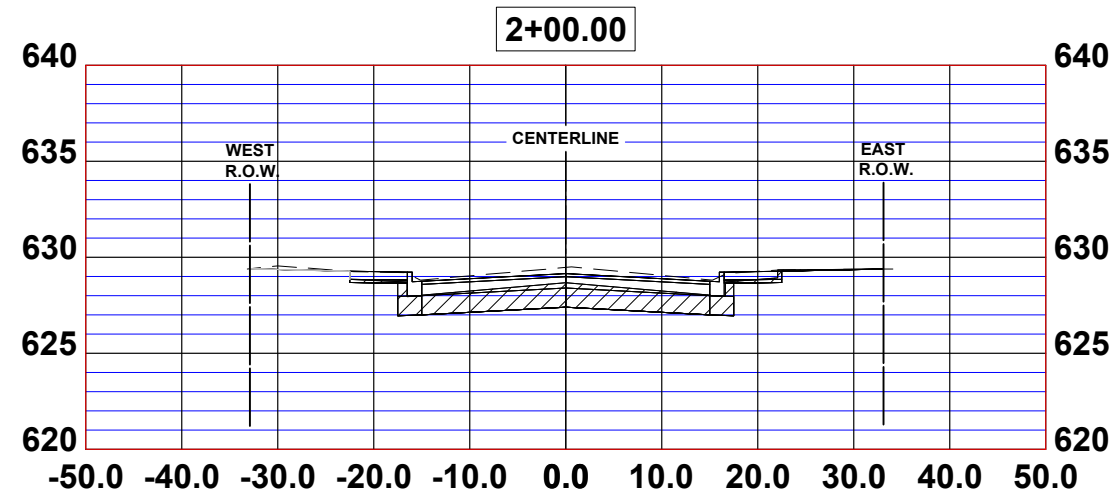
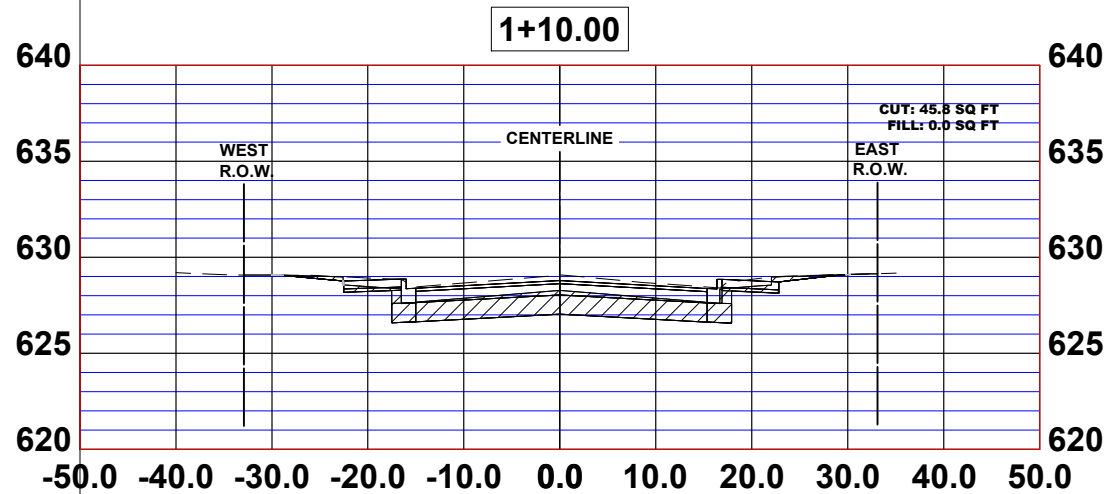
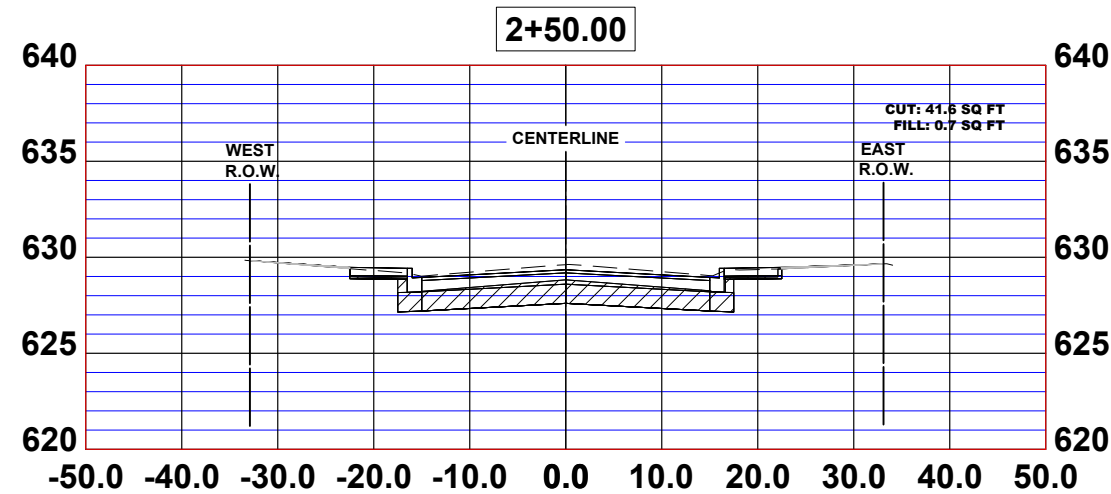
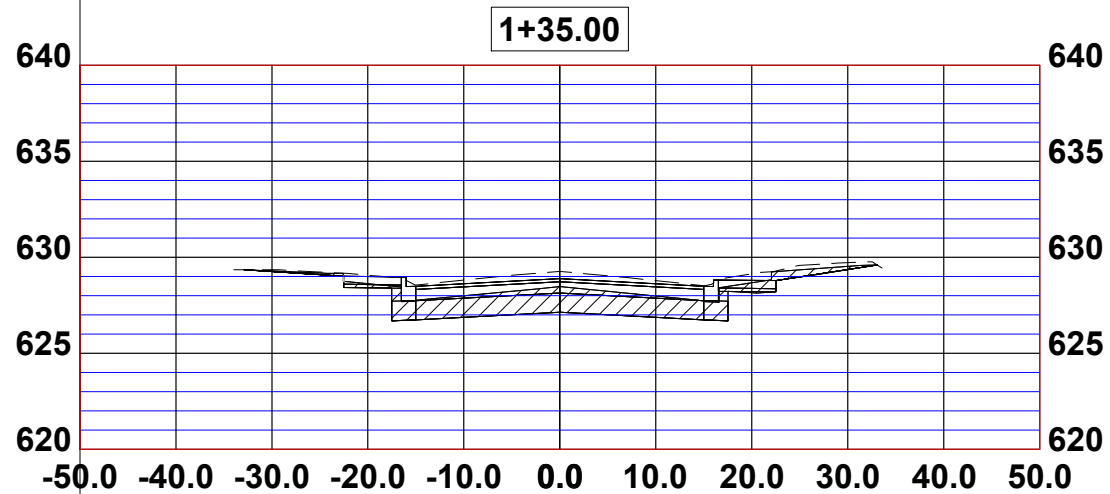
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00FP	COOK	-	61
TC-10		CONTRACT NO. 61K87		
ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Maywood\56521244 - 19th Avenue Phase A\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:19am



CM Engineers
 Municipal Consultants
 Established 1911
 7980 Remond Road
 Westchester, IL 61164-2982
 Phone: 708.864.0800
 www.hancock.com

DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

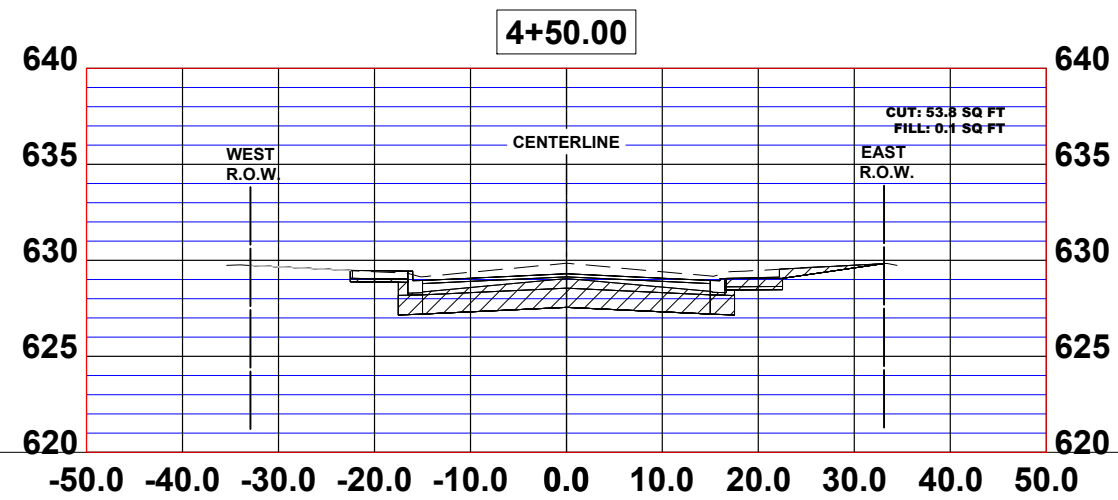
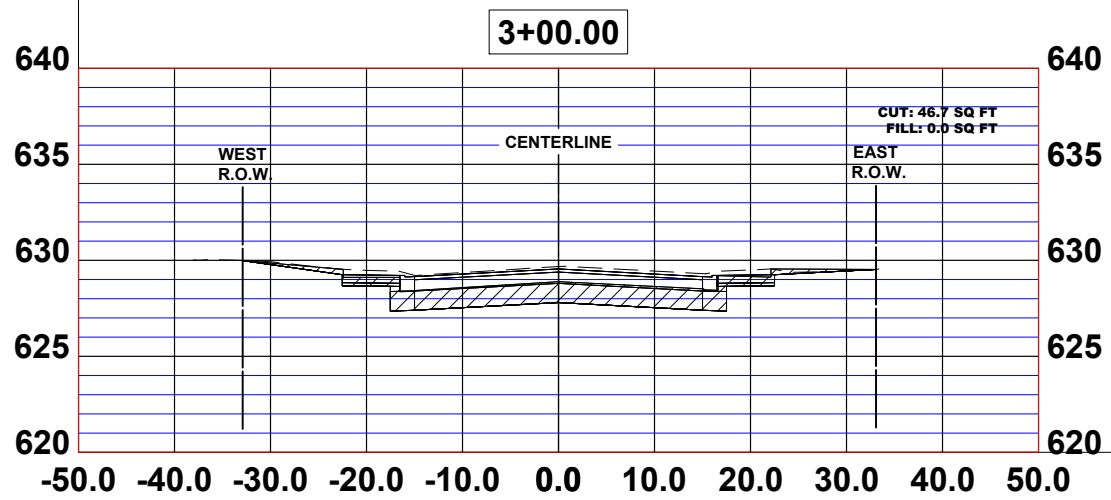
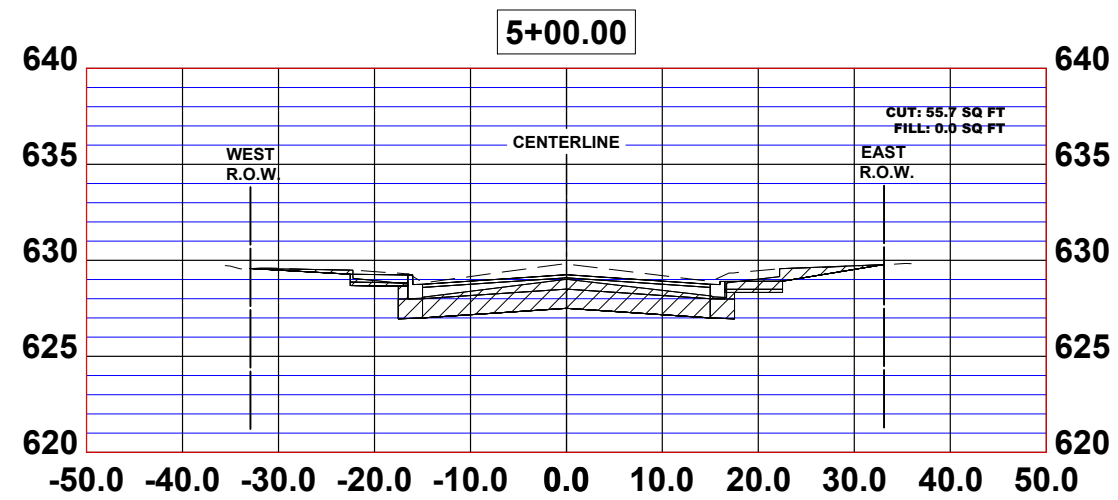
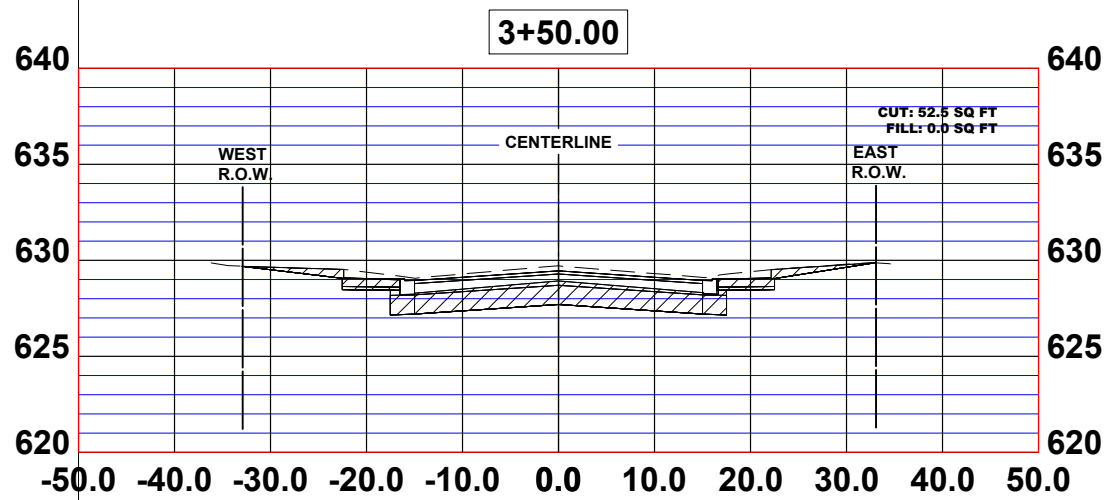
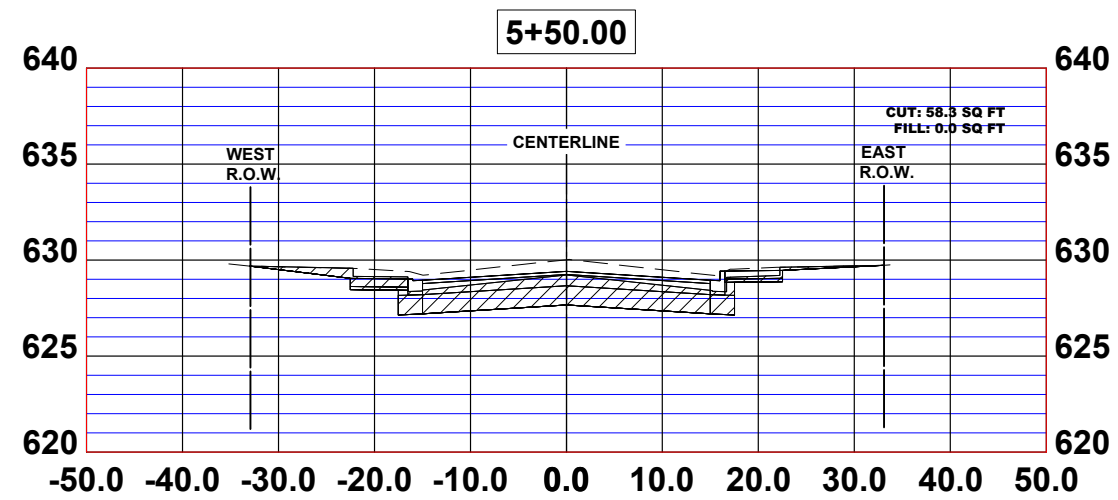
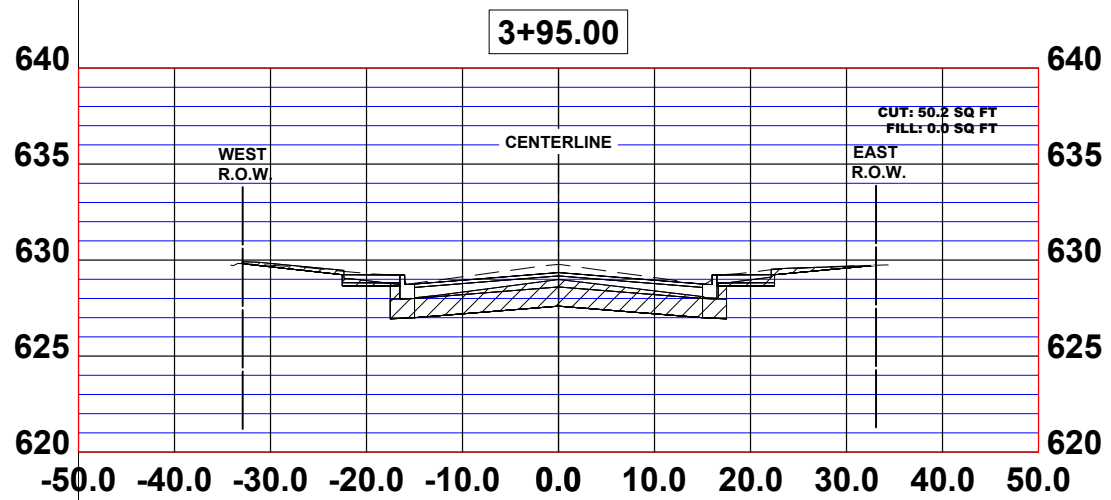
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: H:1"=10' SHEET NO. 1 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	62
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244



CM Engineers
 Municipal Consultants
 Established 1911

DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

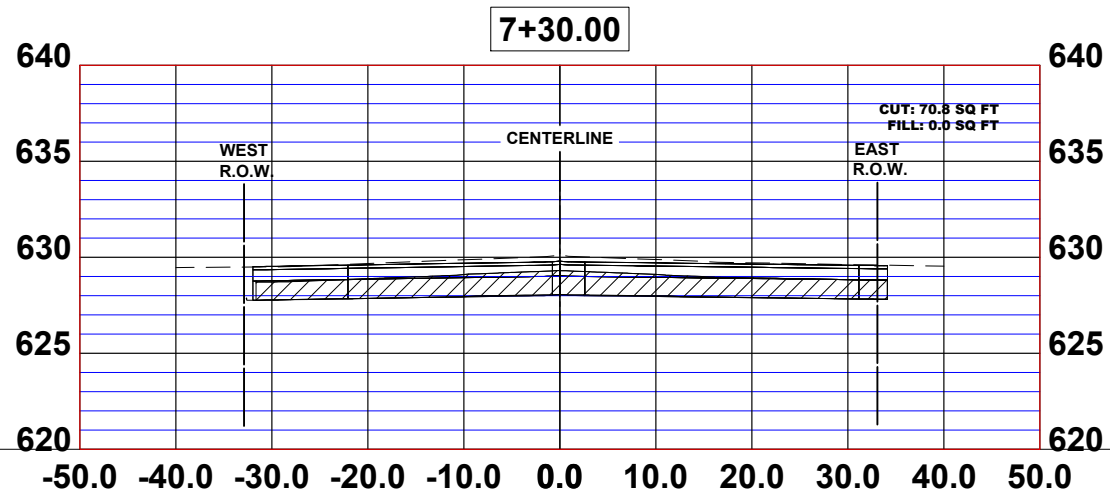
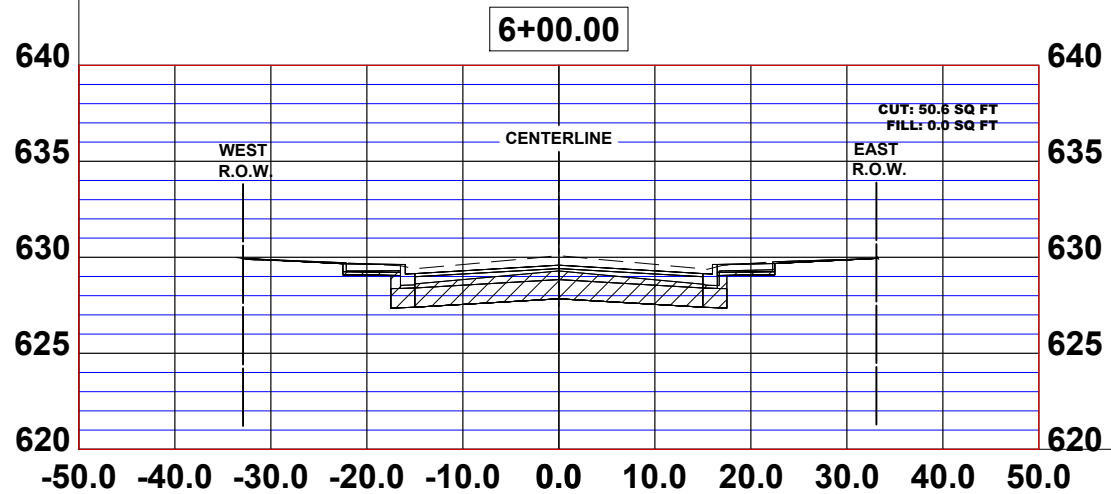
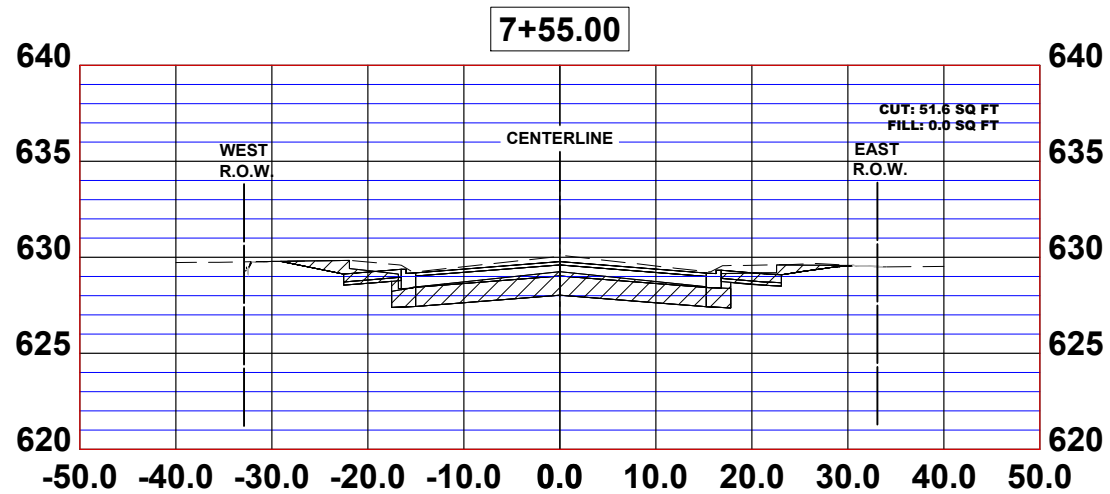
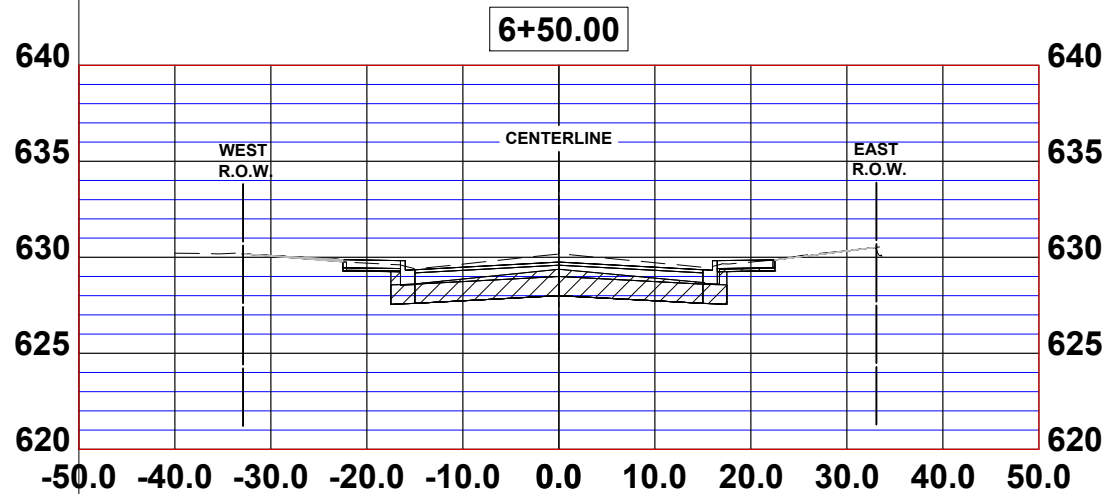
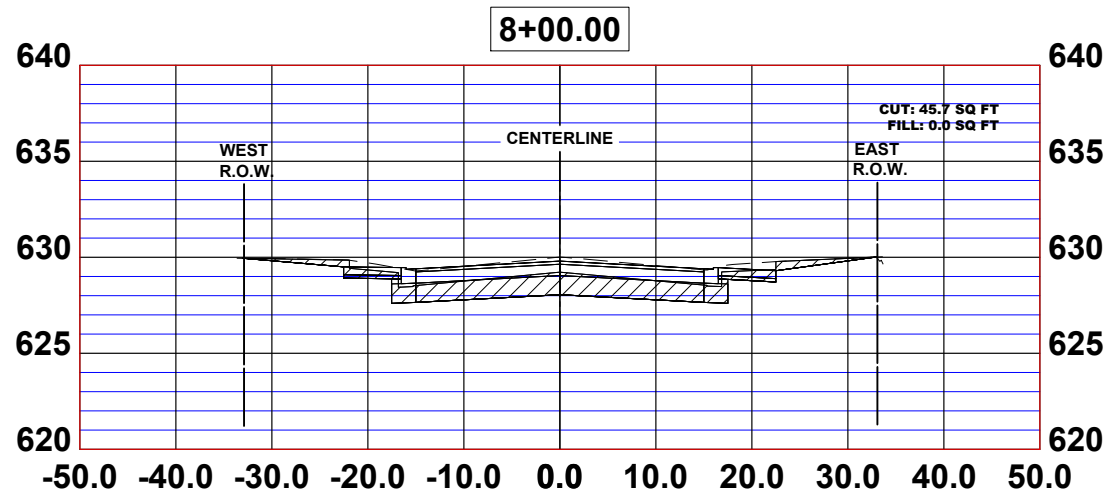
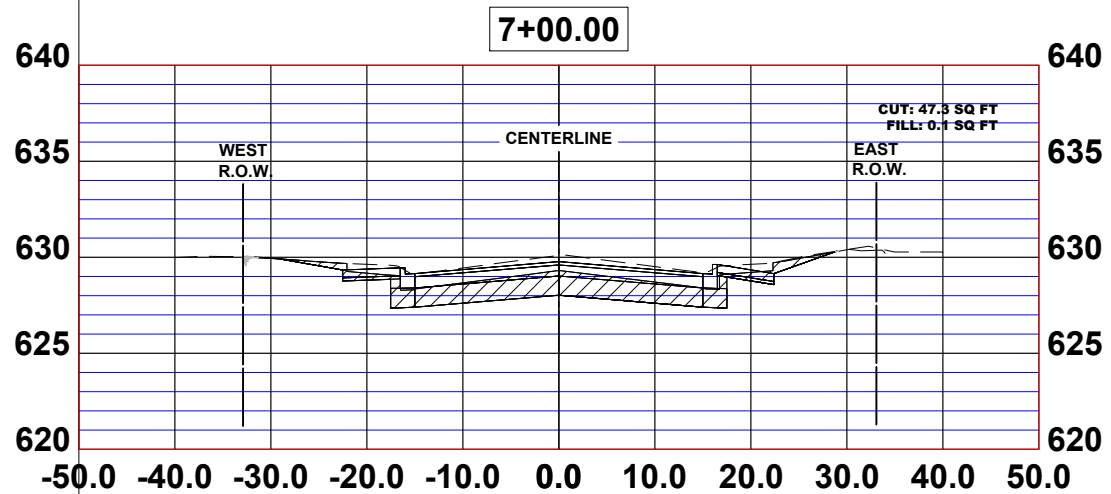
CROSS SECTIONS

SCALE: H:1"=10' SHEET NO. 2 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	63
FIELD BOOK NO. -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Maywood\56521244 - 19th Avenue Phase 1\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:14am



CM Engineers
 Municipal Consultants
 Established 1911

DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

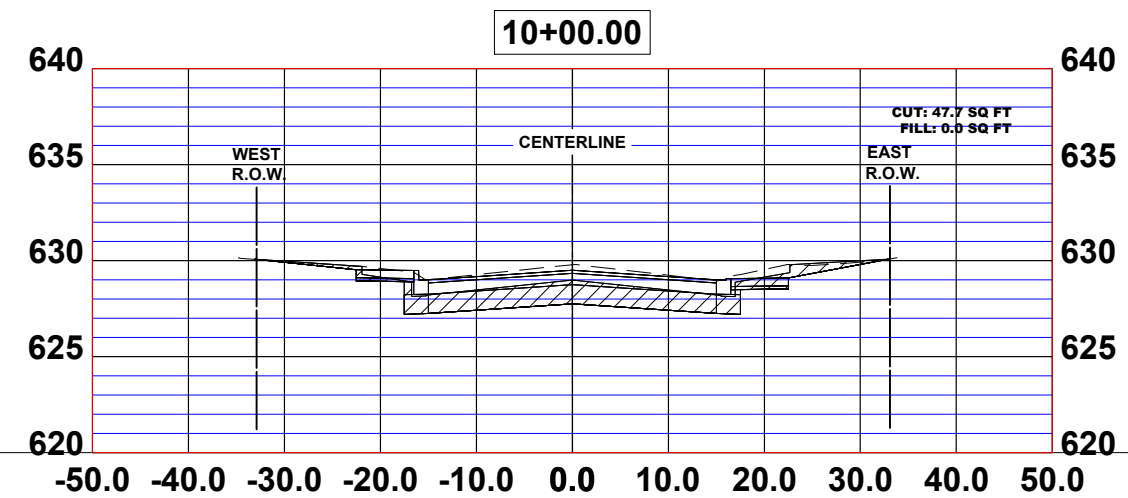
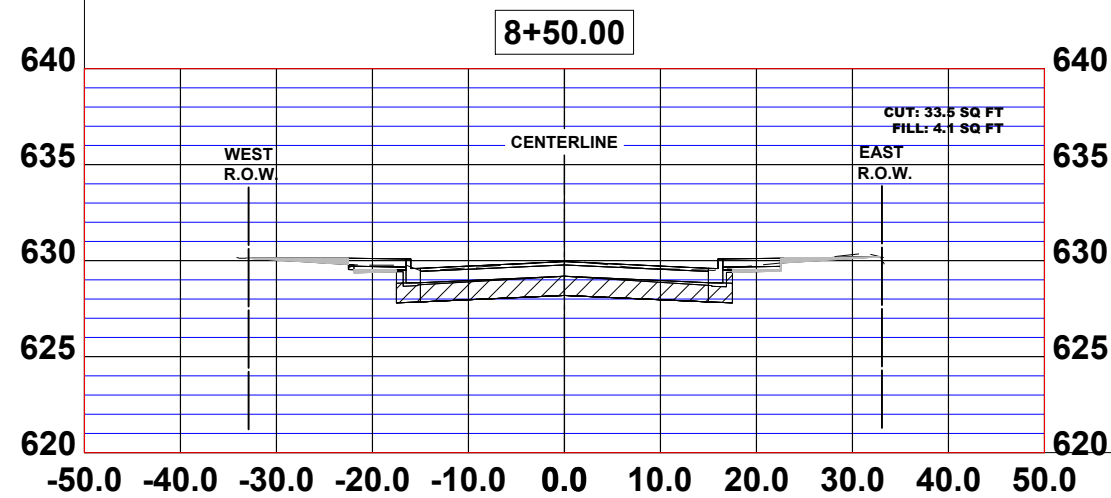
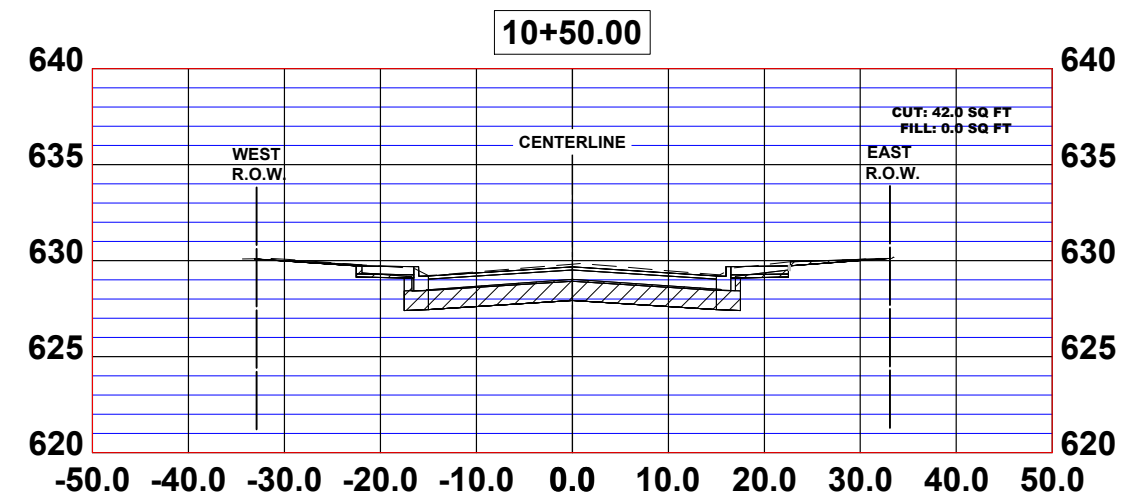
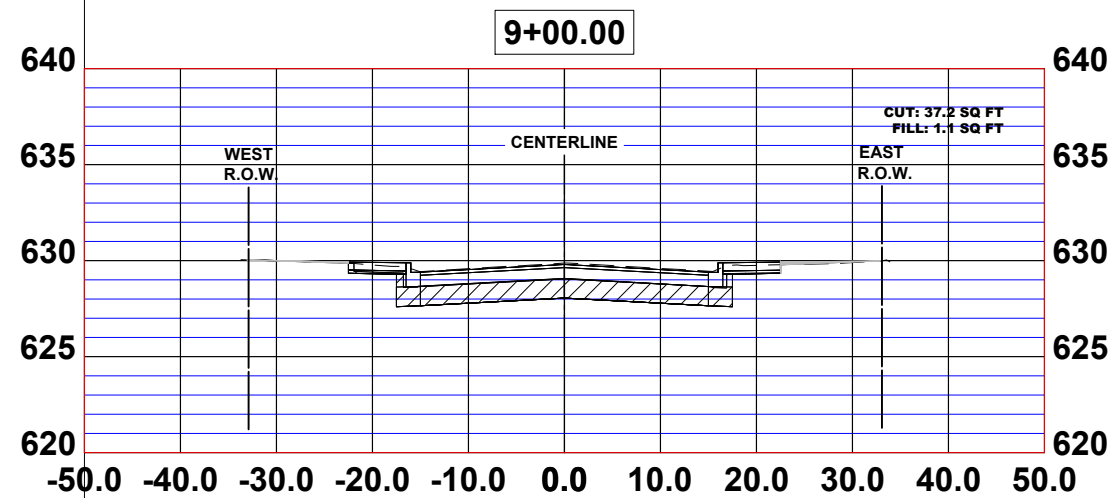
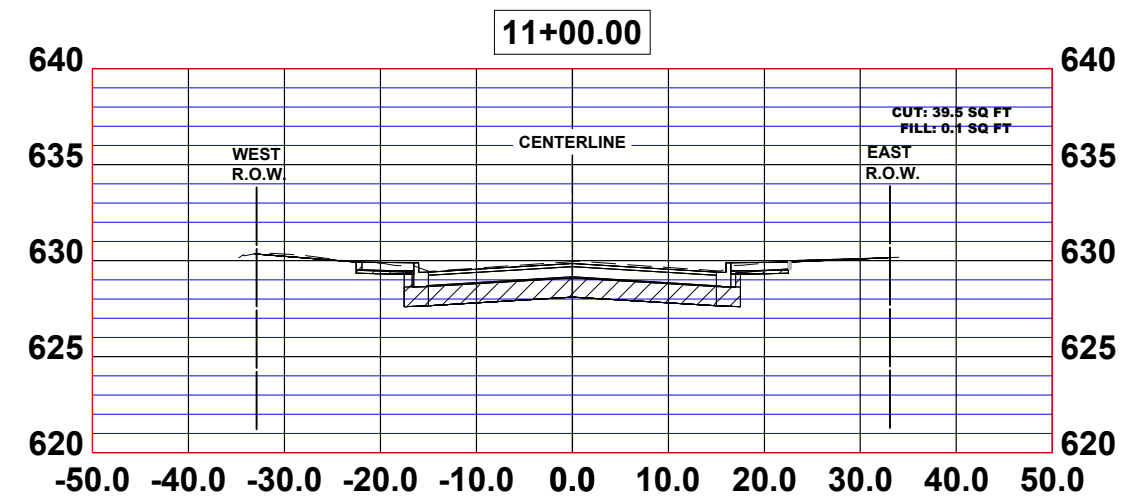
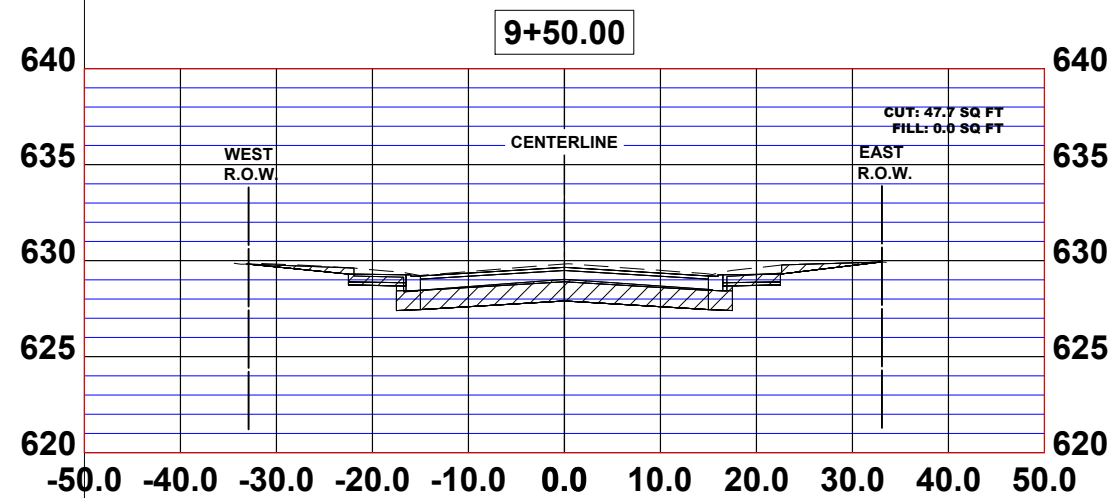
CROSS SECTIONS

SCALE: H:1"=10' SHEET NO. 3 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	64
FIELD BOOK NO. -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Waywood\56521244 - 19th Avenue Phase 1\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:05am



Drawing file: W:\Projects\By_Village\Maywood\56521244 - 19th Avenue Phase A\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:07am

HANCOCK ENGINEERING

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DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

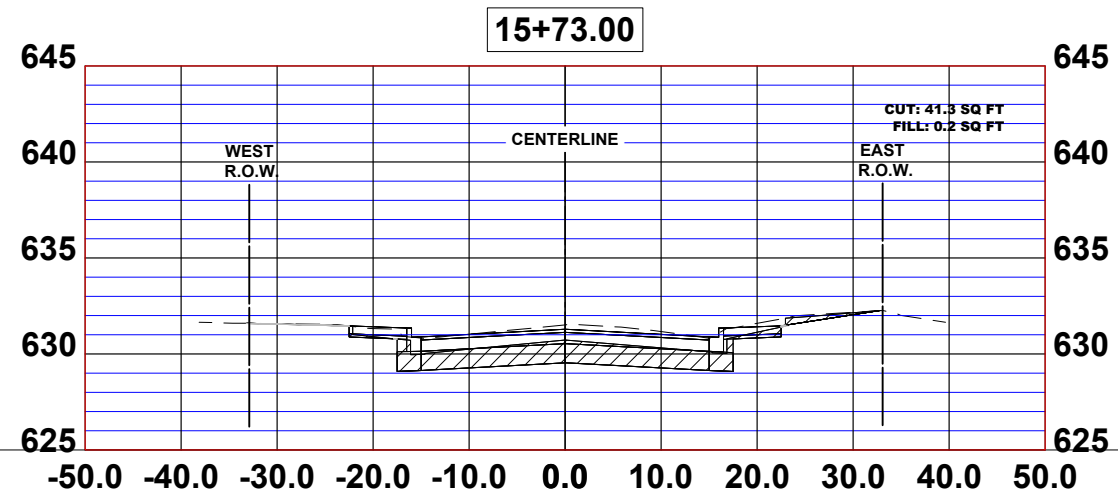
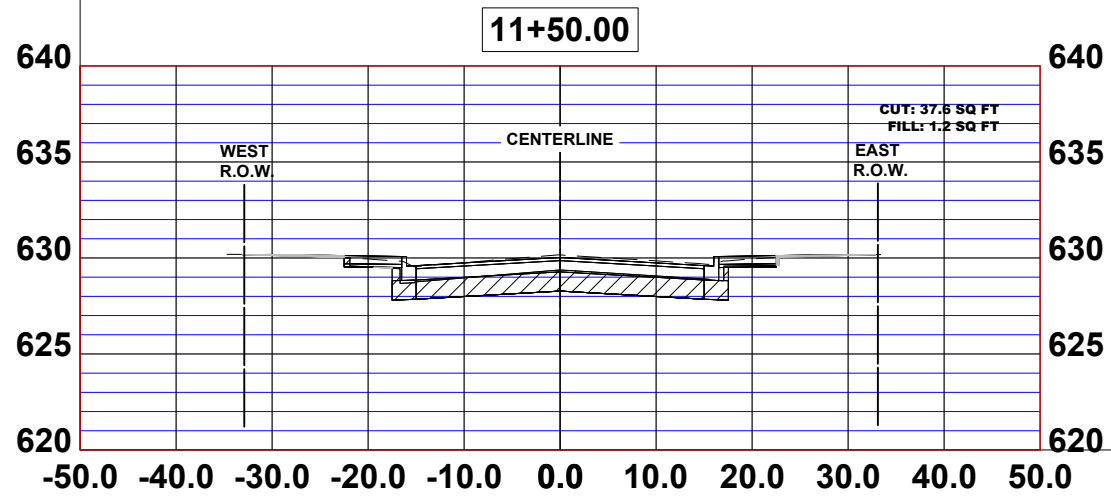
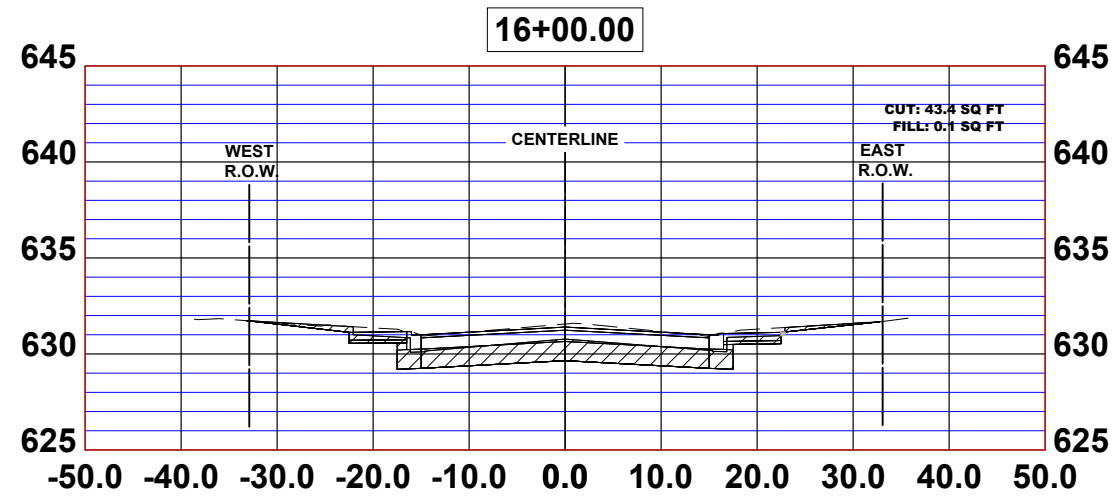
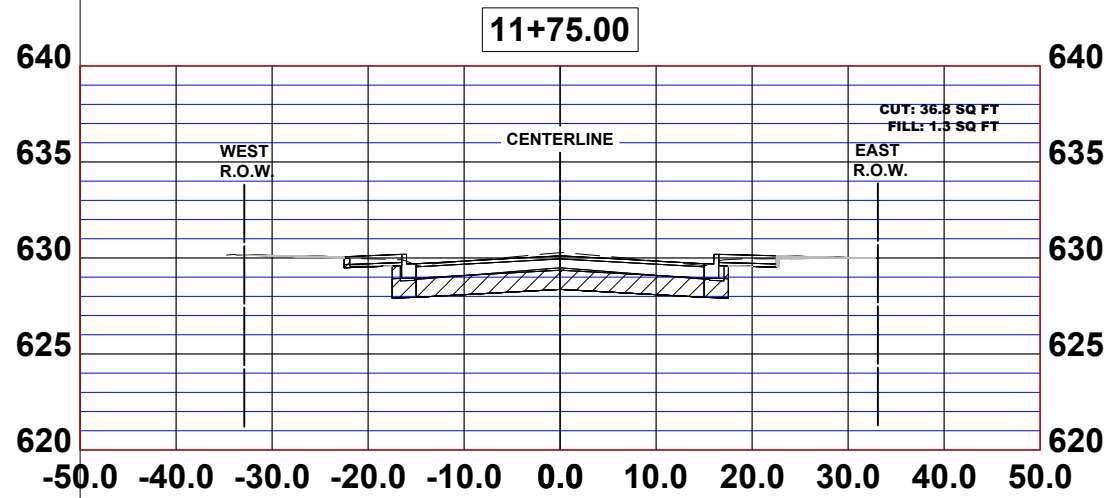
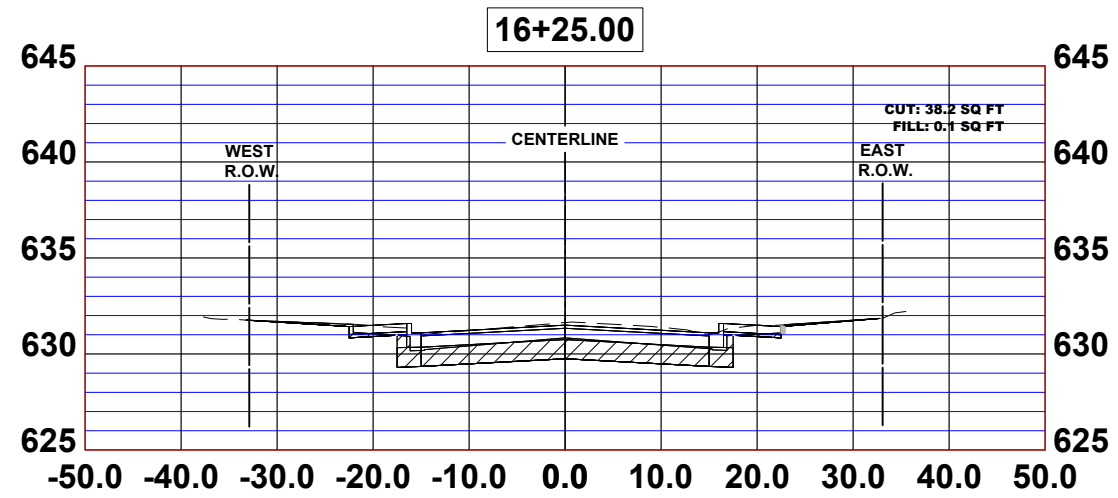
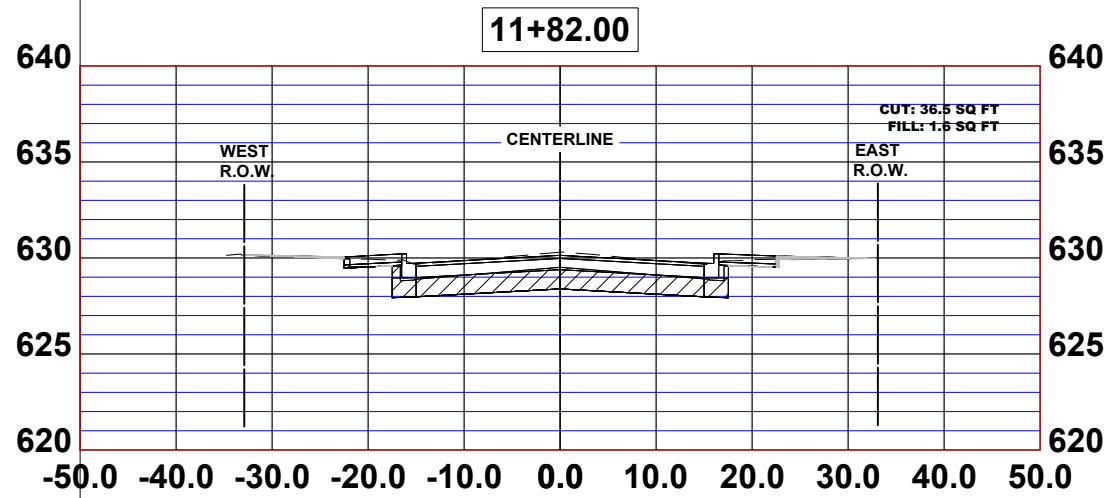
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'	SHEET NO. 4 OF 10 SHEETS	STA. _____	TO STA. _____
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CROSS SECTIONS

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	65
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244



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DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

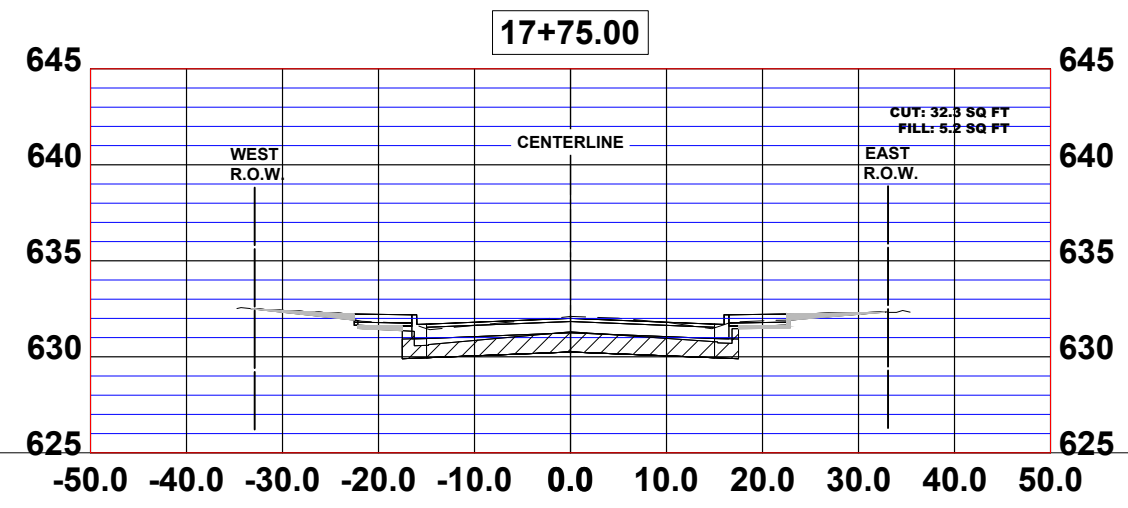
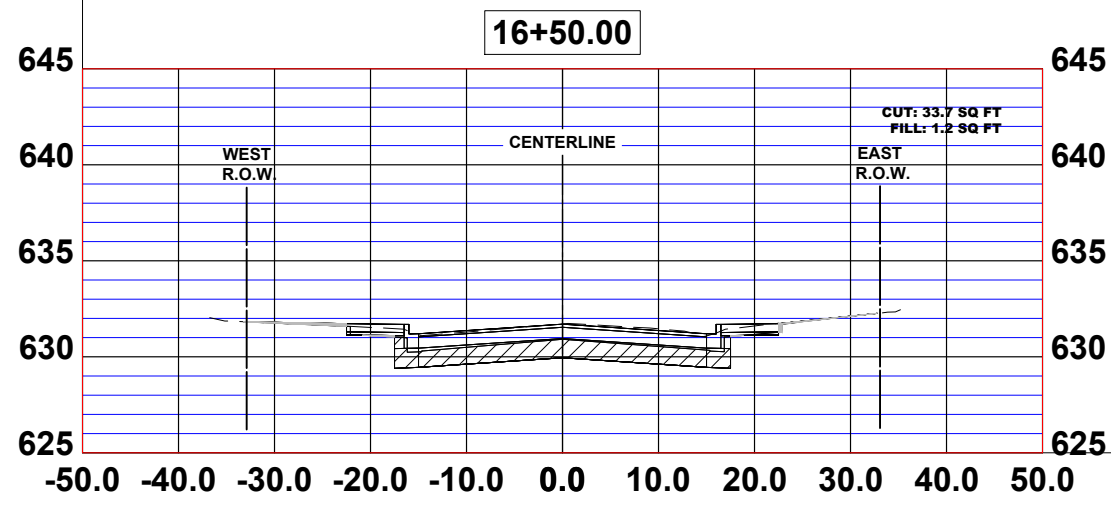
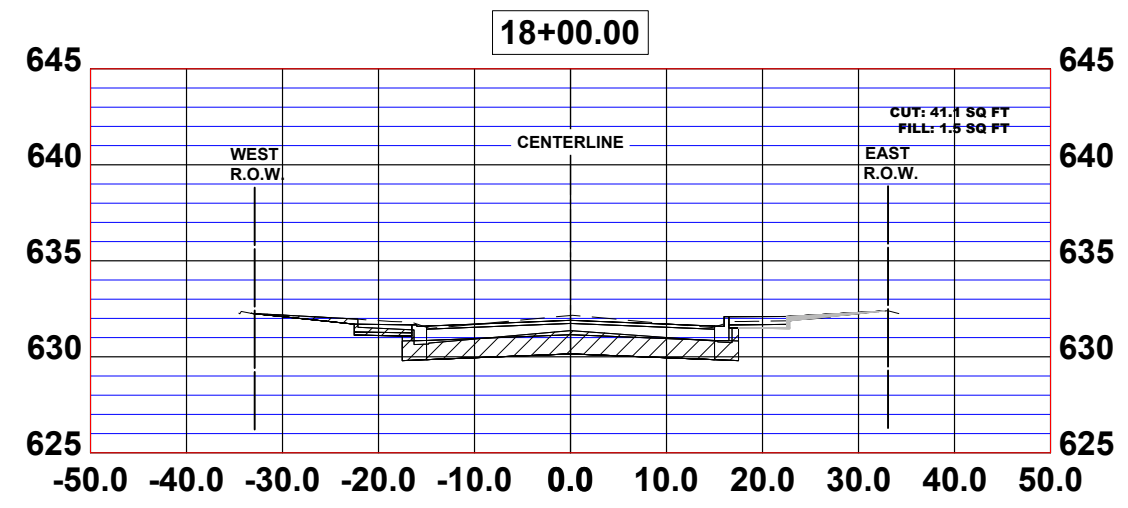
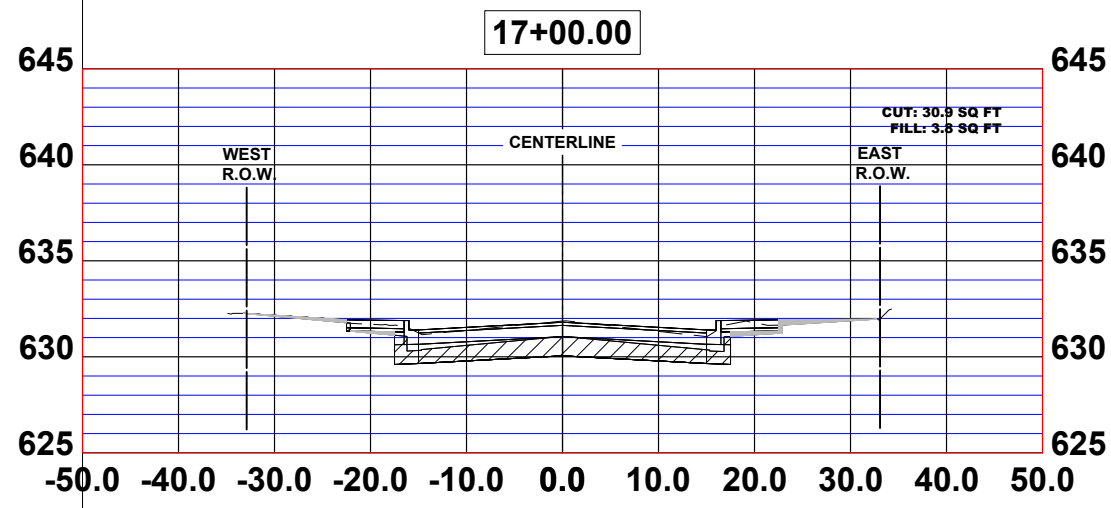
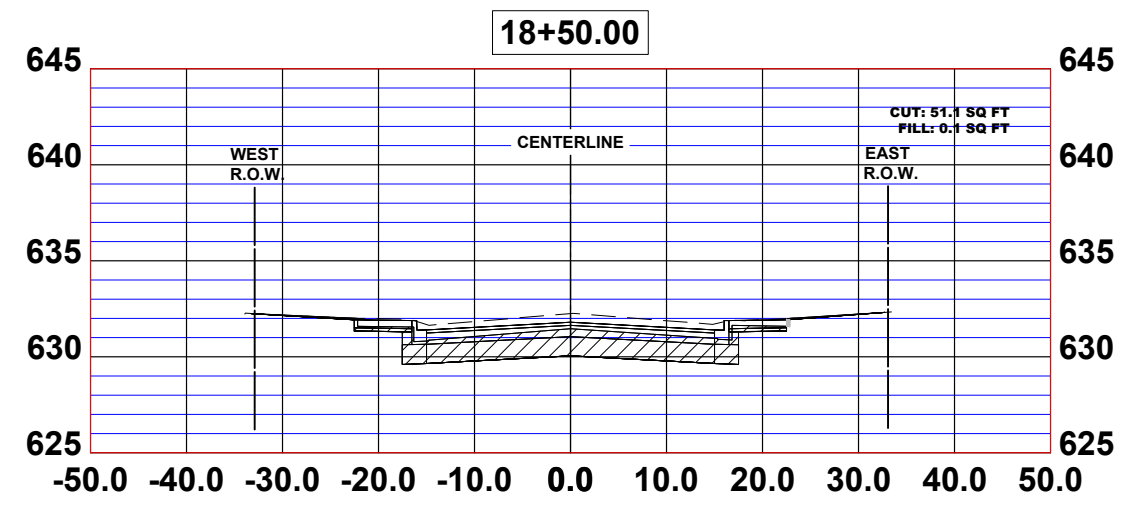
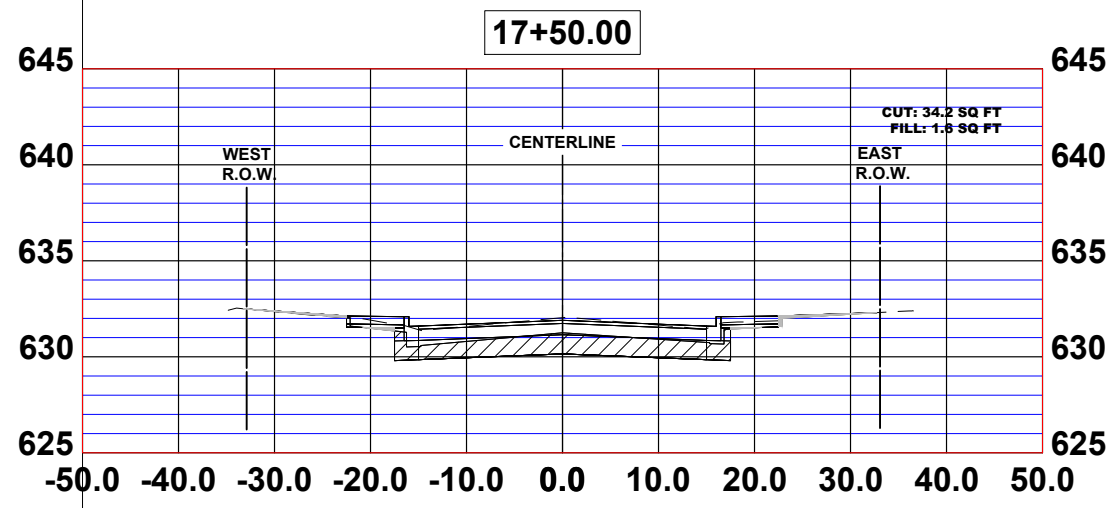
CROSS SECTIONS

SCALE: H:1"=10' SHEET NO. 5 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	66
FIELD BOOK NO. -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Waywood\56521244 - 19th Avenue Phase A\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:20am



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 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
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DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

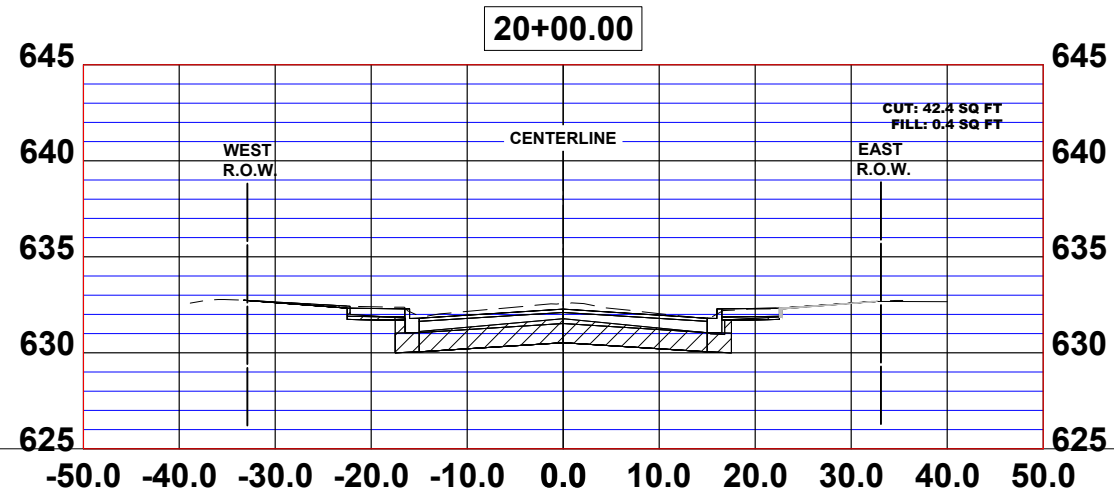
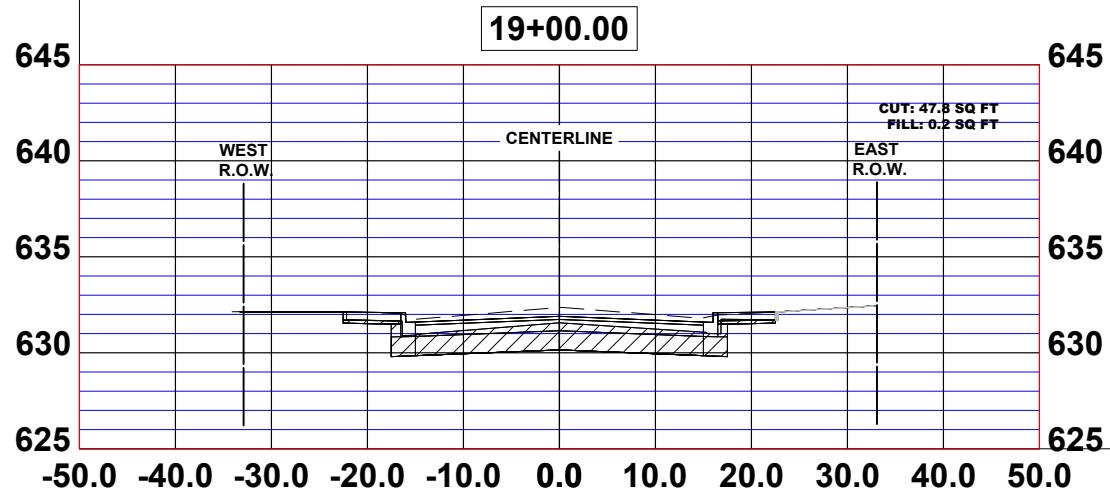
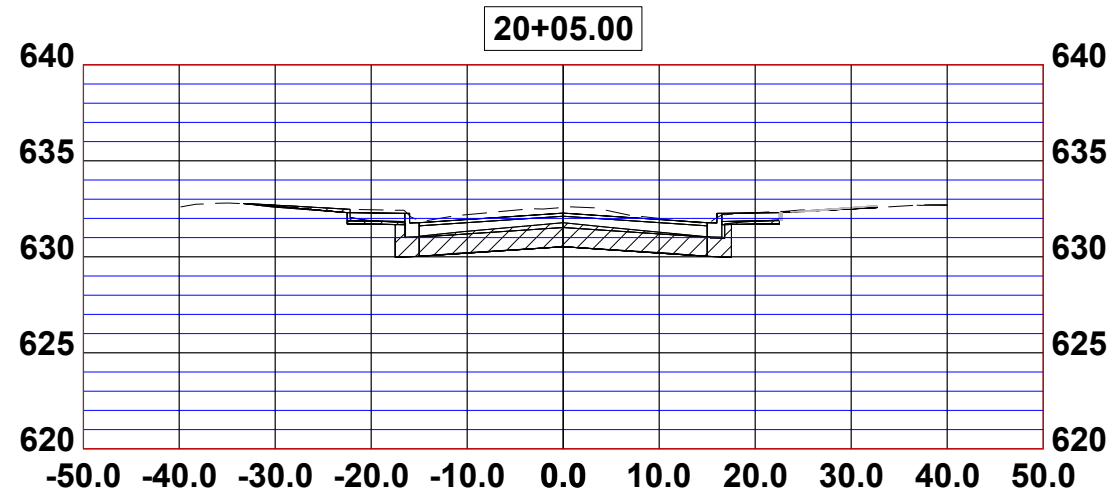
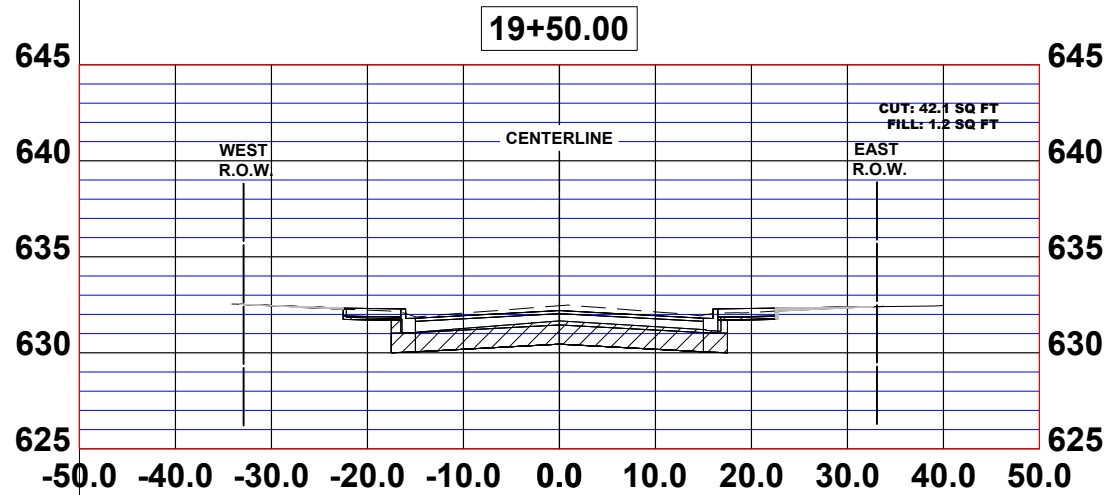
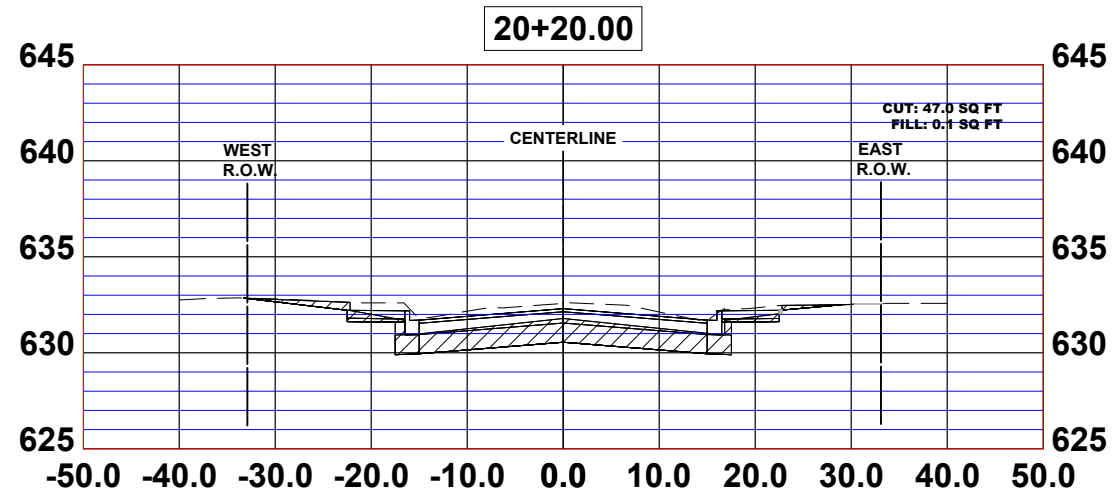
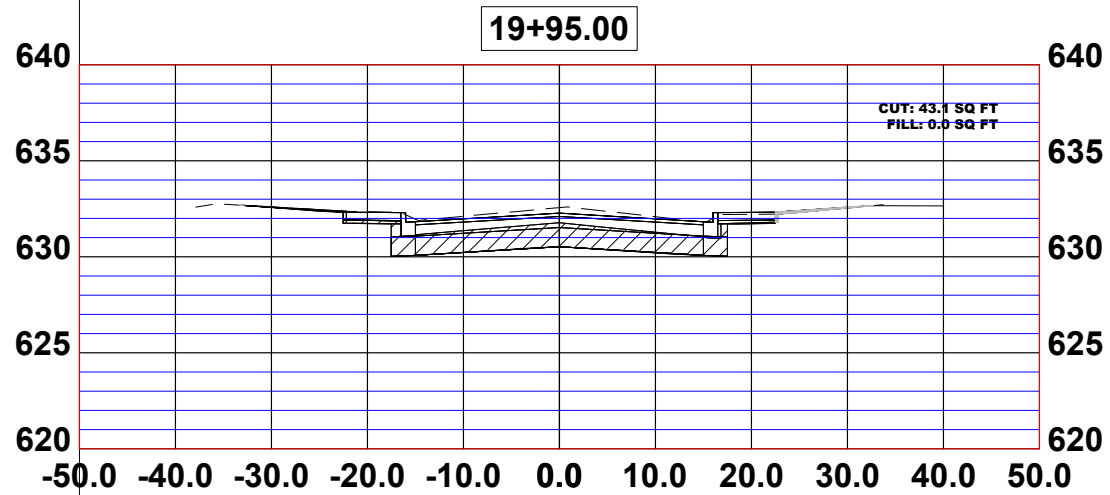
SCALE: H:1"=10' SHEET NO. 6 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	67
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Maywood\56521244 - 19th Avenue Phase A\Site\CROSS SECTION.dwg Oct. 27, 2024 - 11:18am

Drawing file: W:\Projects\By_Village\Wood\56521244 - 19th Avenue Phase 1\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:10am



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DRAWN -	SFB, DMM, ECW, GD	REVISED -
CHECKED -	WOP	REVISED -
DATE -	8-6-24	REVISED -

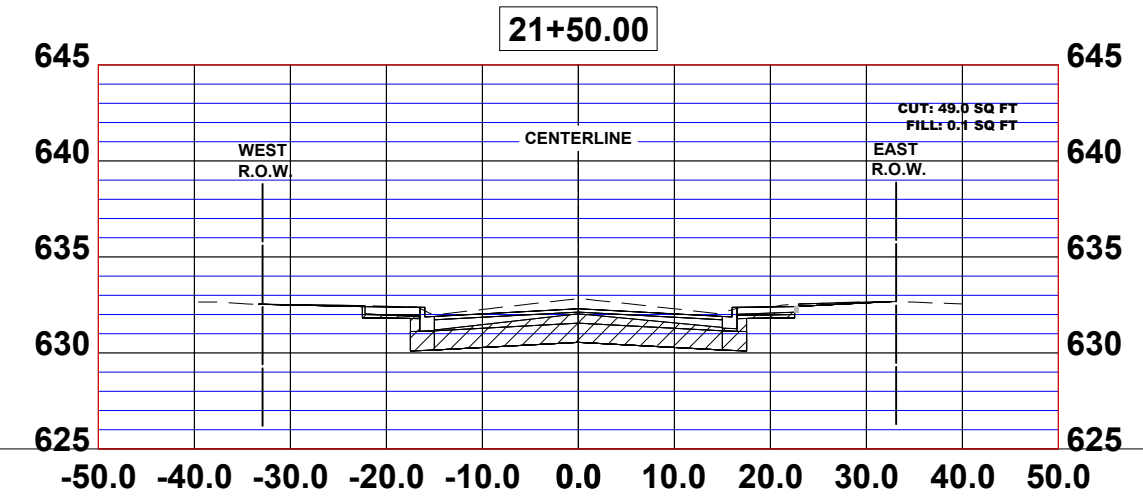
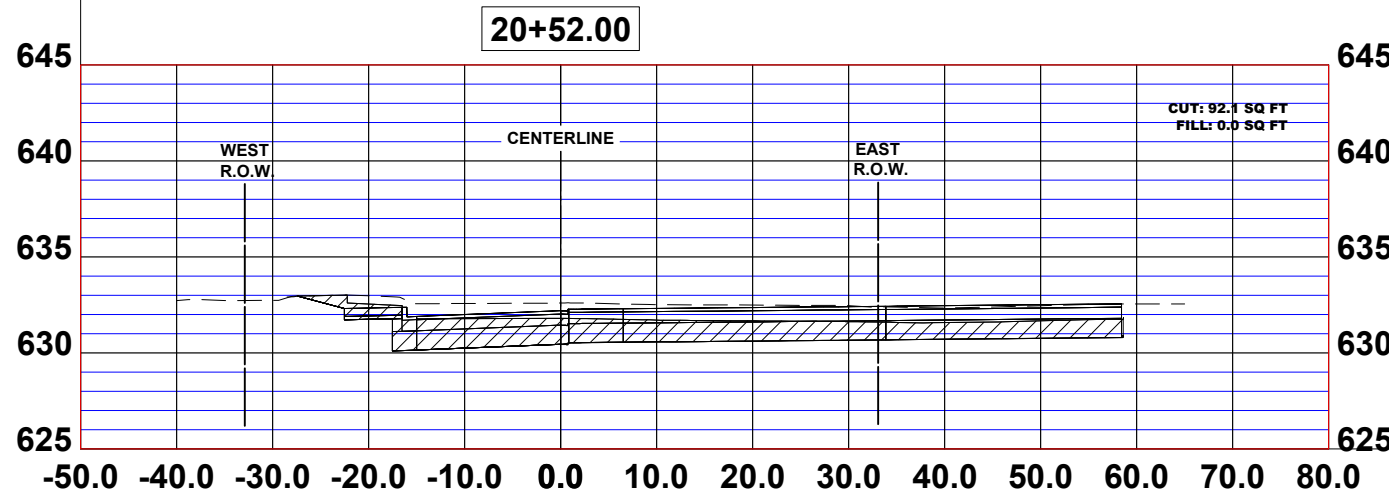
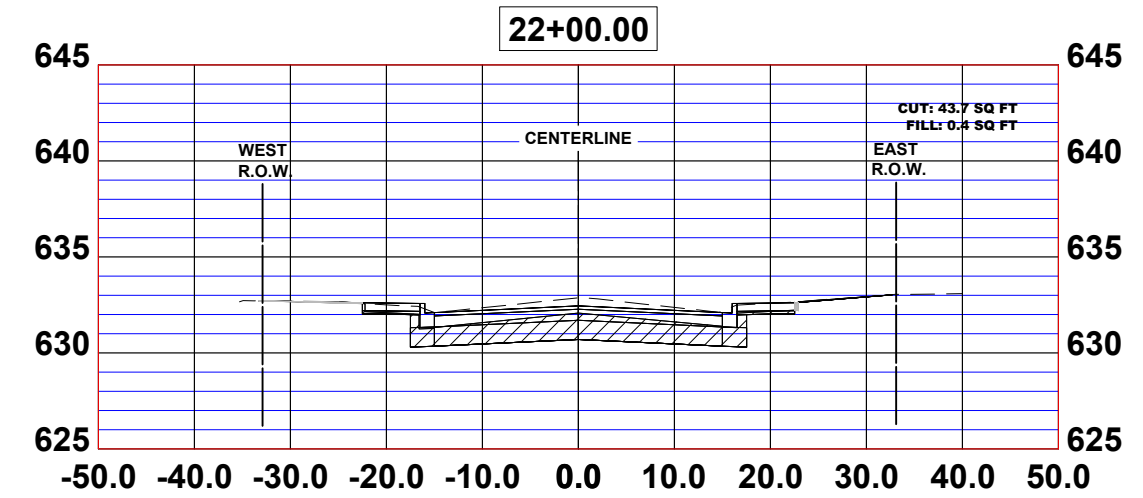
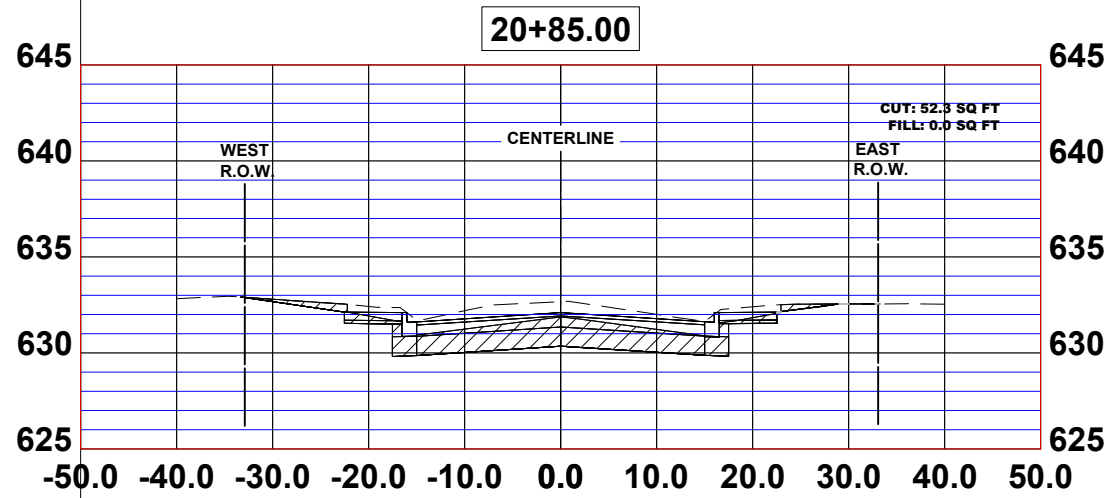
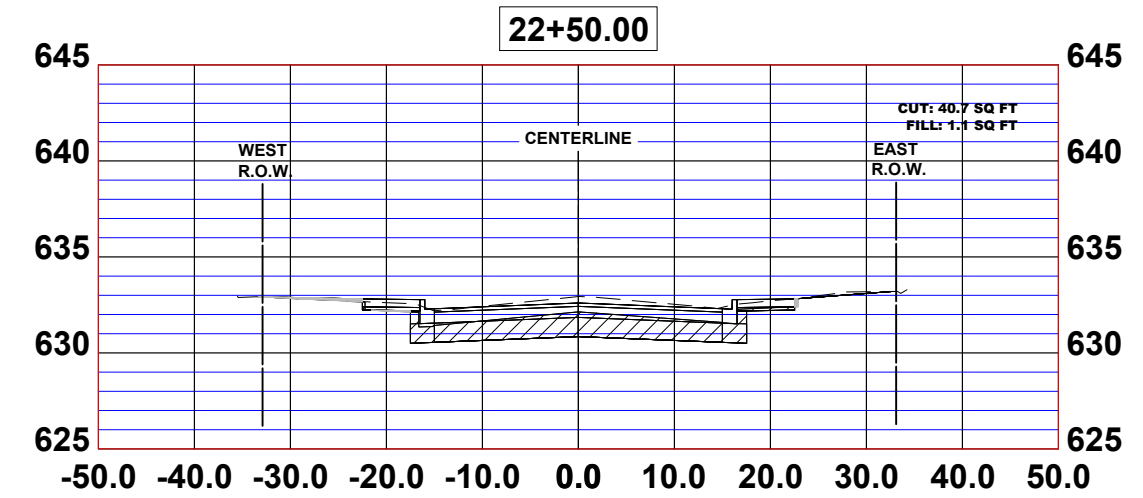
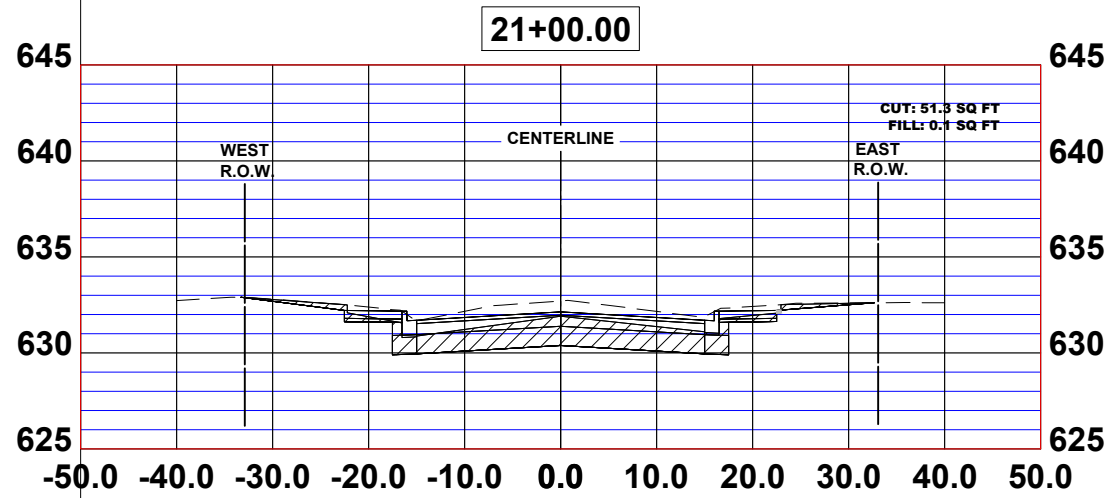
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: H:1"=10' SHEET NO. 7 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	68
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 565-21-244



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DESIGNED - RP
 DRAWN - SFB, DMM, ECW, GD
 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

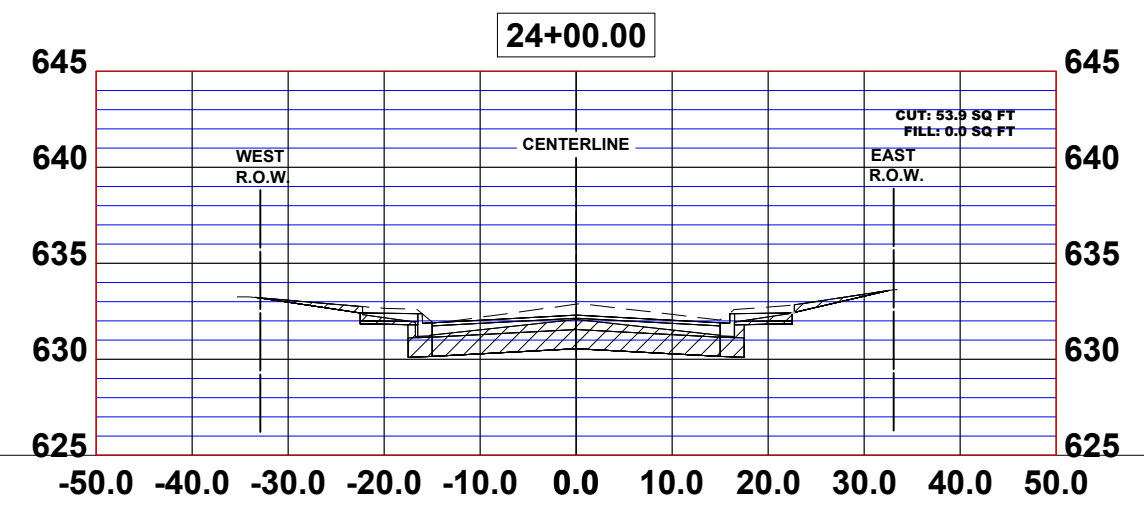
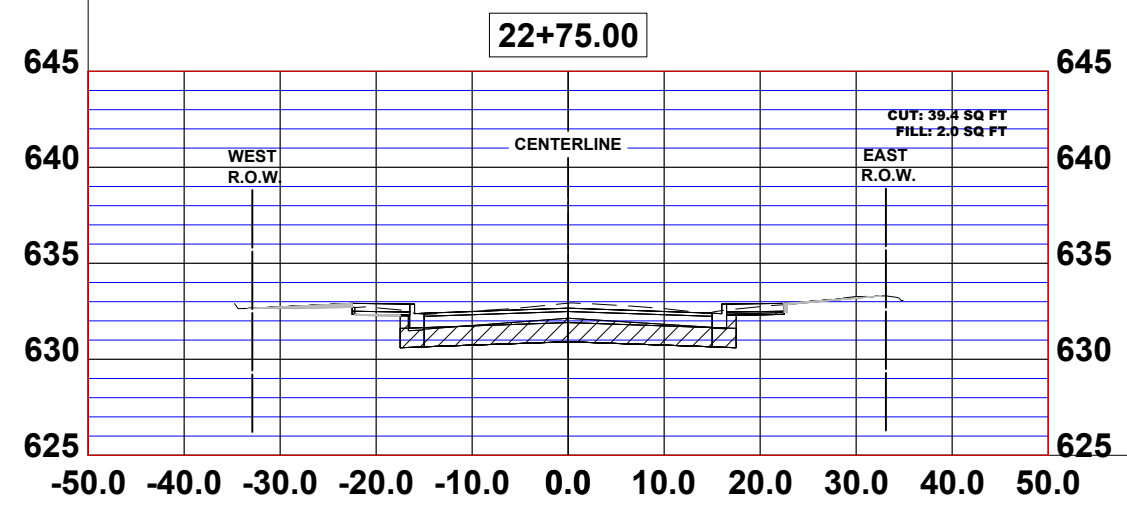
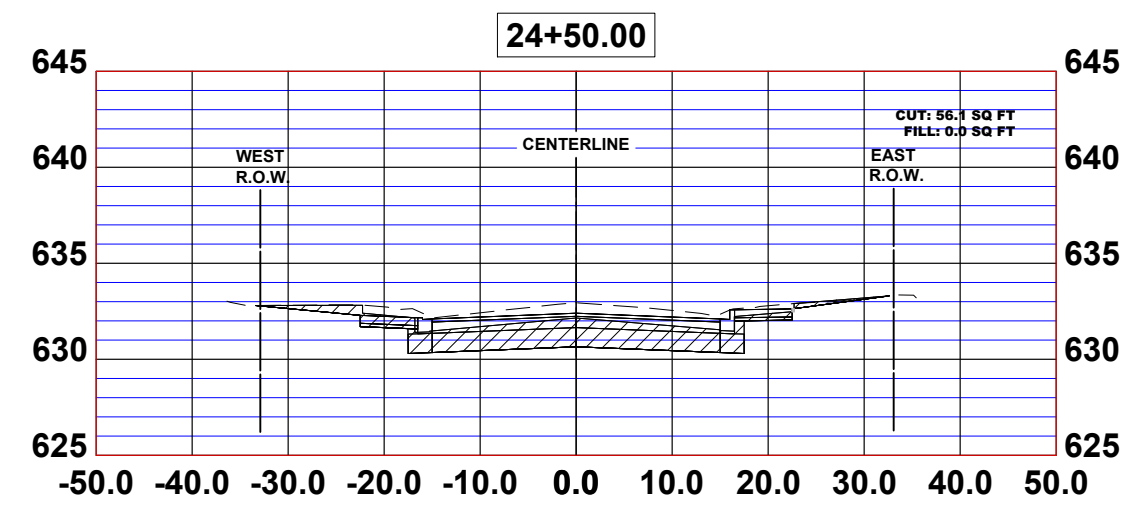
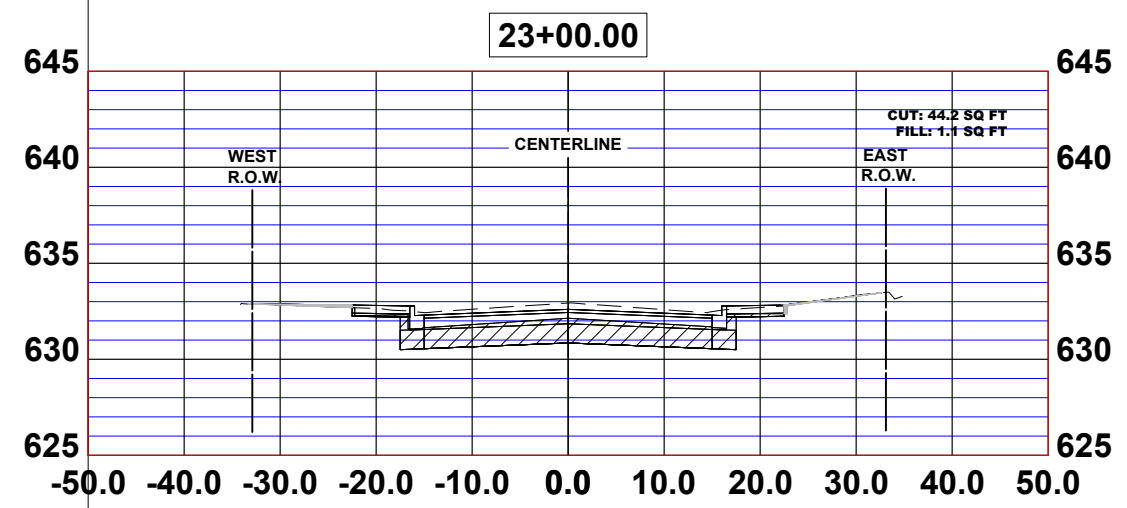
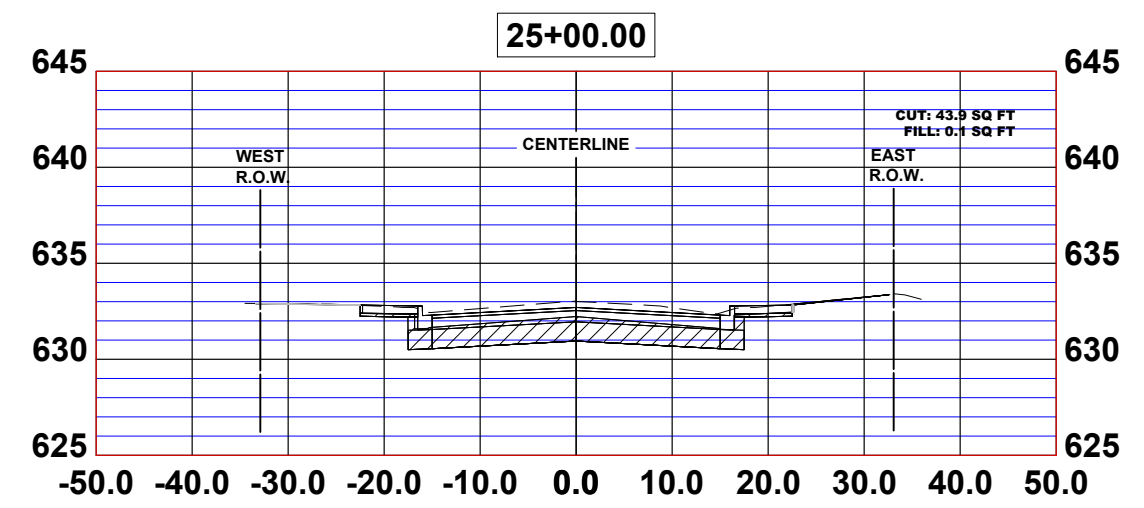
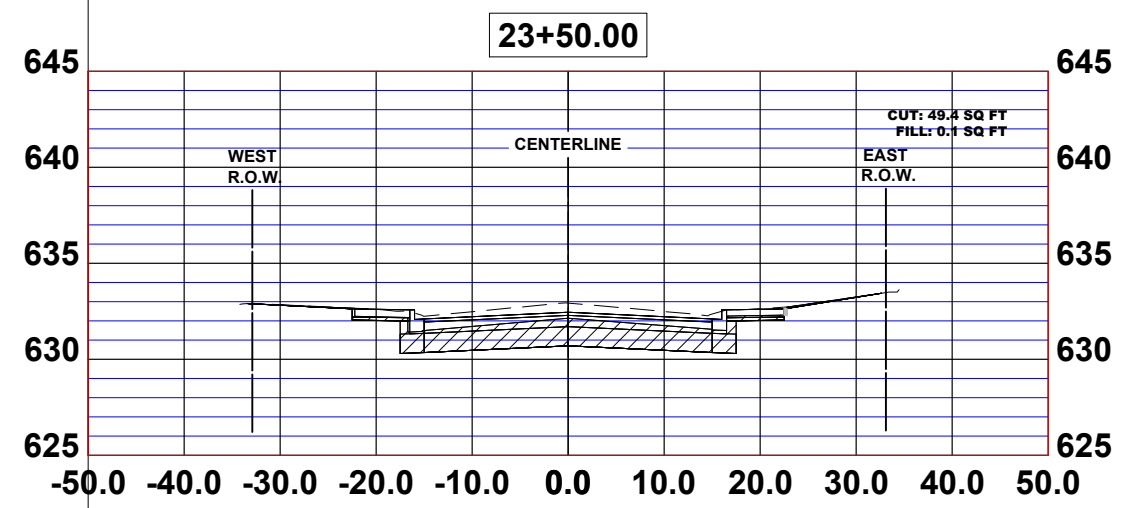
SCALE: H:1"=10' SHEET NO. 8 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	69
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Wood\56521244 - 19th Avenue Phase A\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:10am

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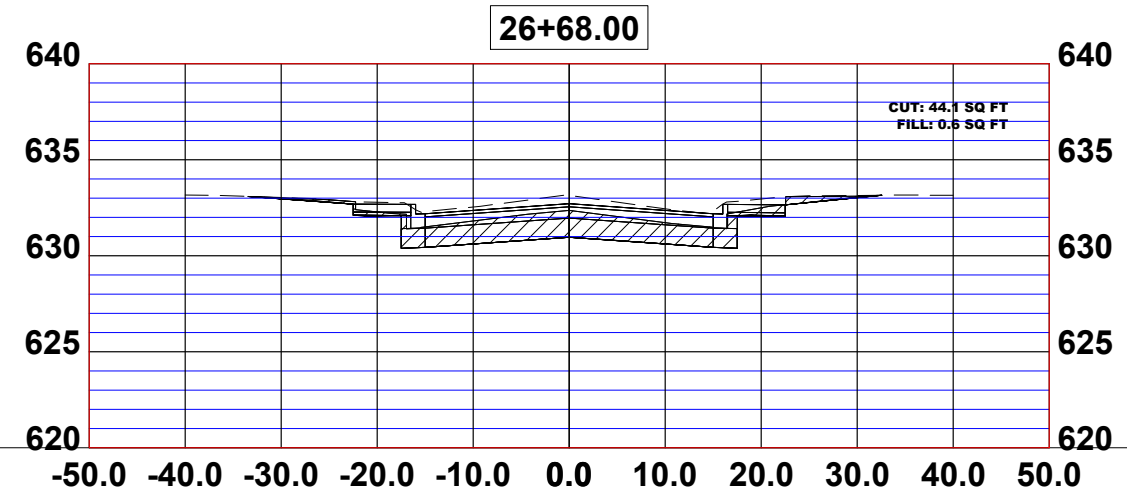
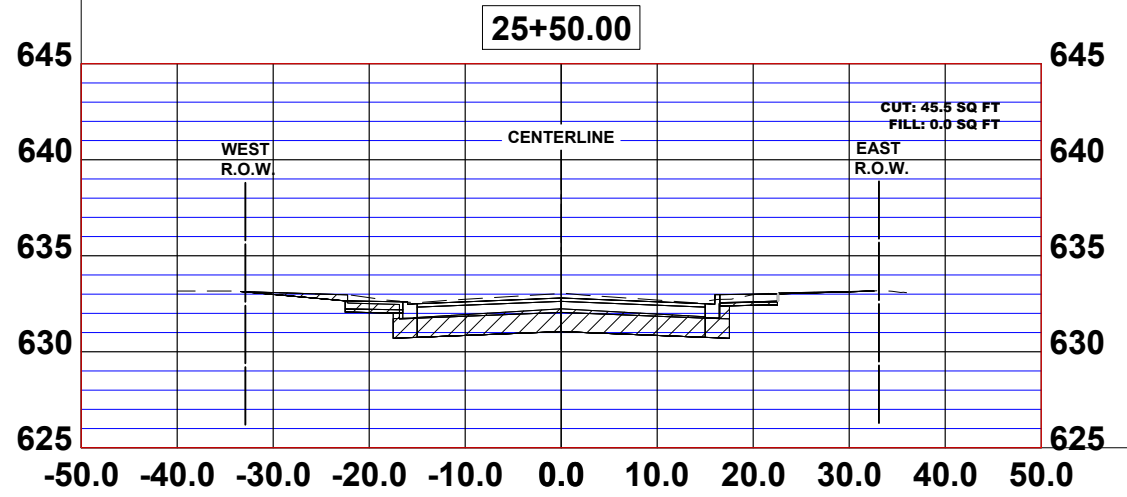
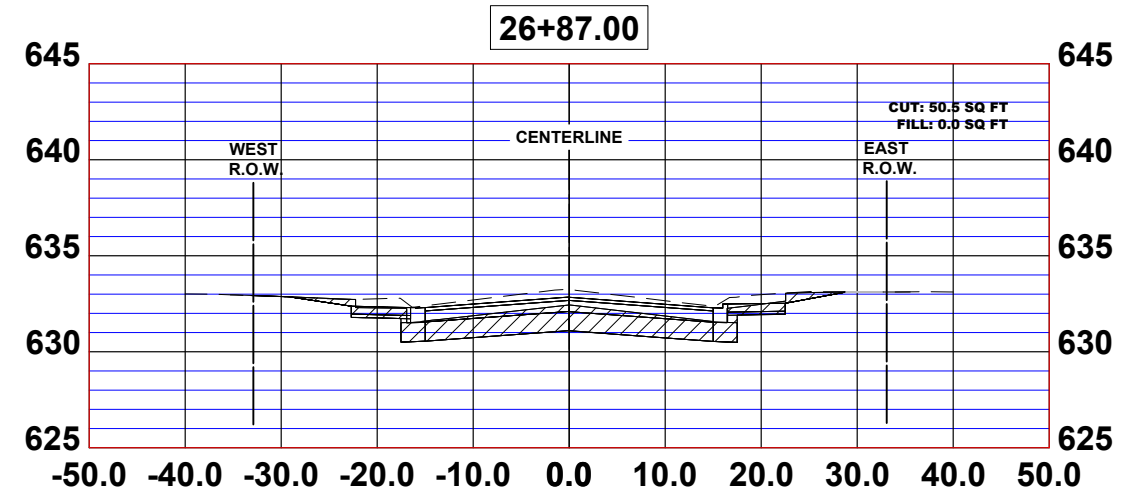
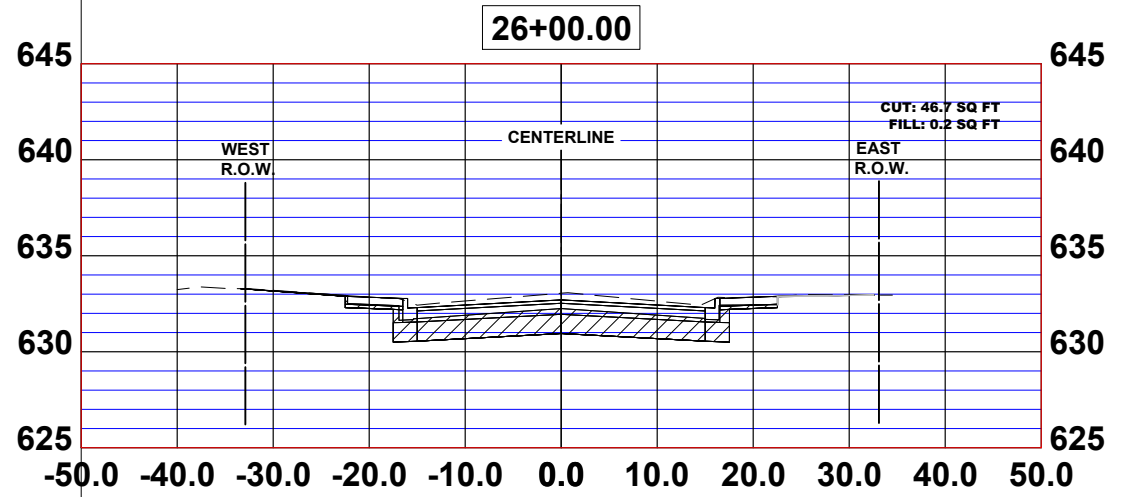
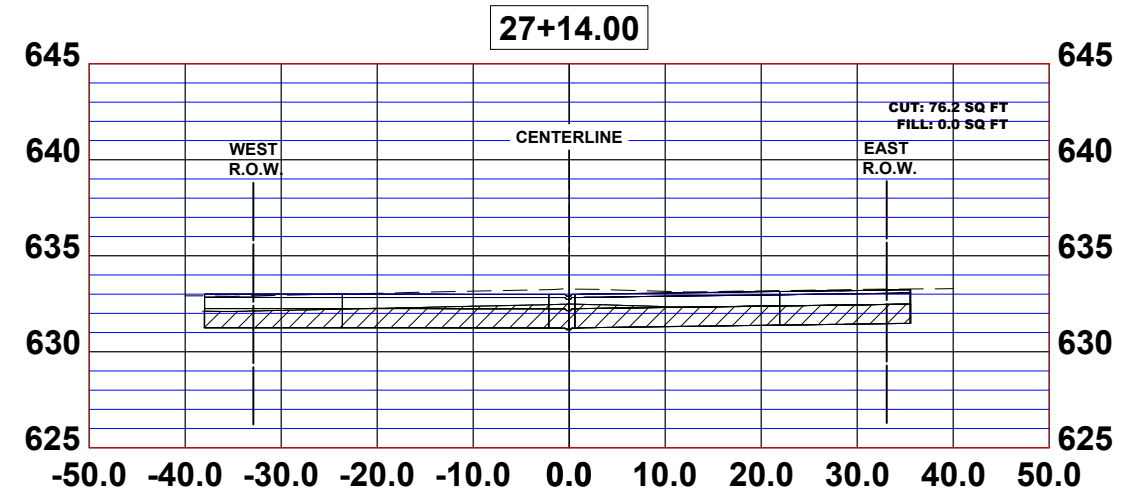
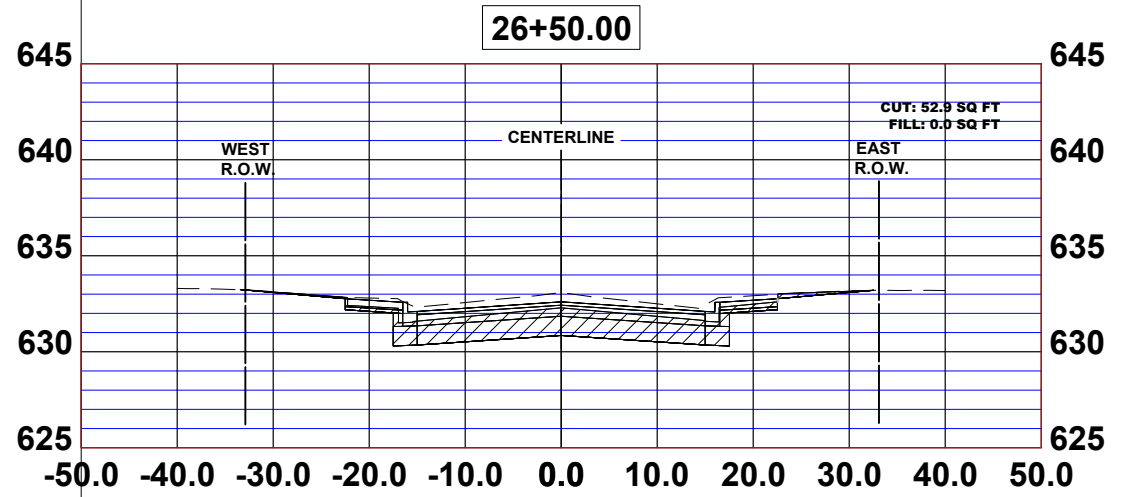
DESIGNED -	RP	REVISED -	
DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
SCALE: H:1"=10'	SHEET NO. 9 OF 10 SHEETS	STA.	TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	70
FIELD BOOK NO. -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 565-21-244



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 CHECKED - WOP
 DATE - 8-6-24

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

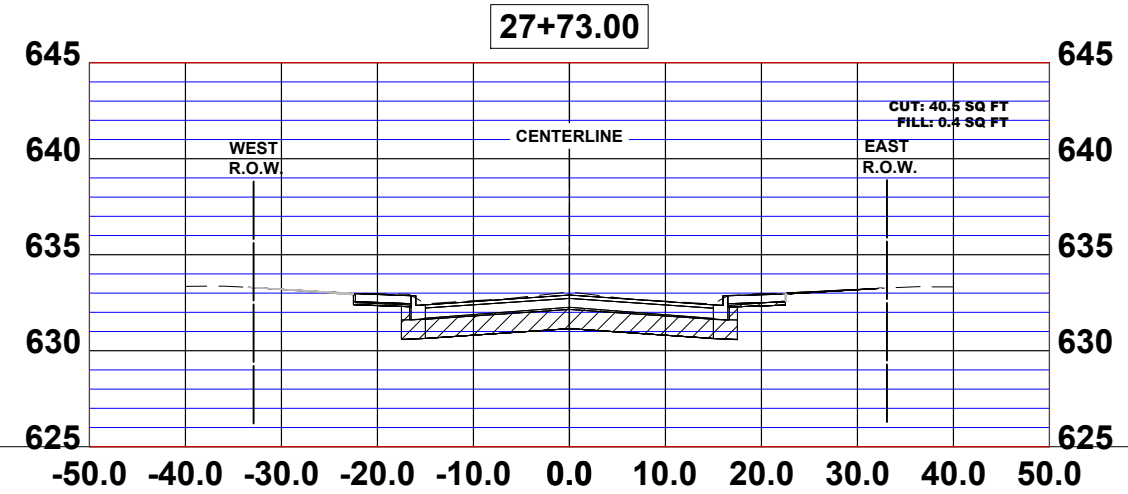
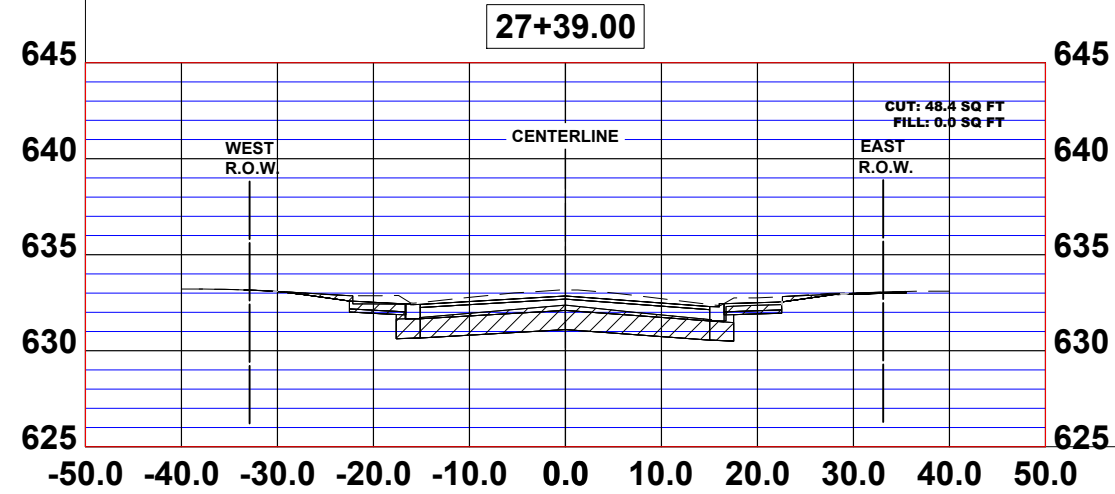
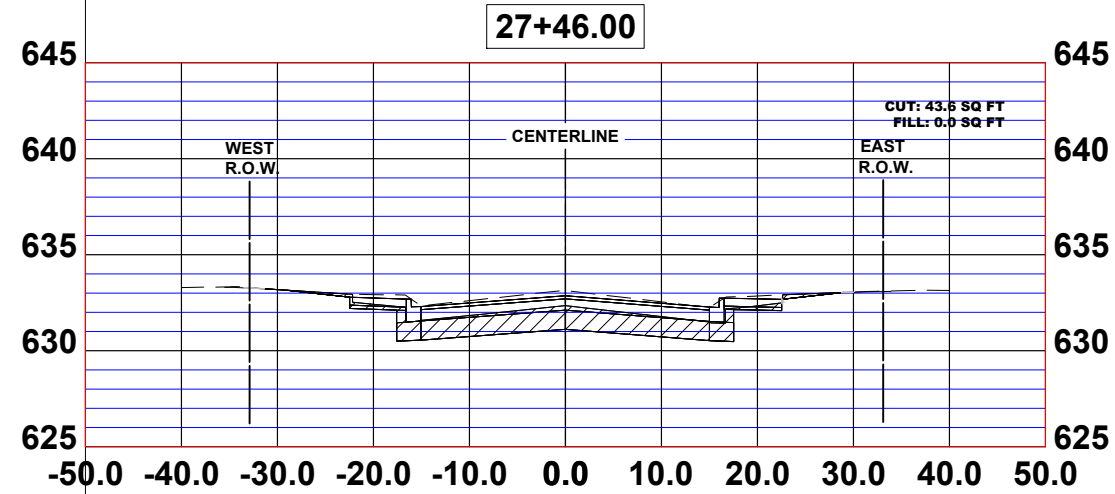
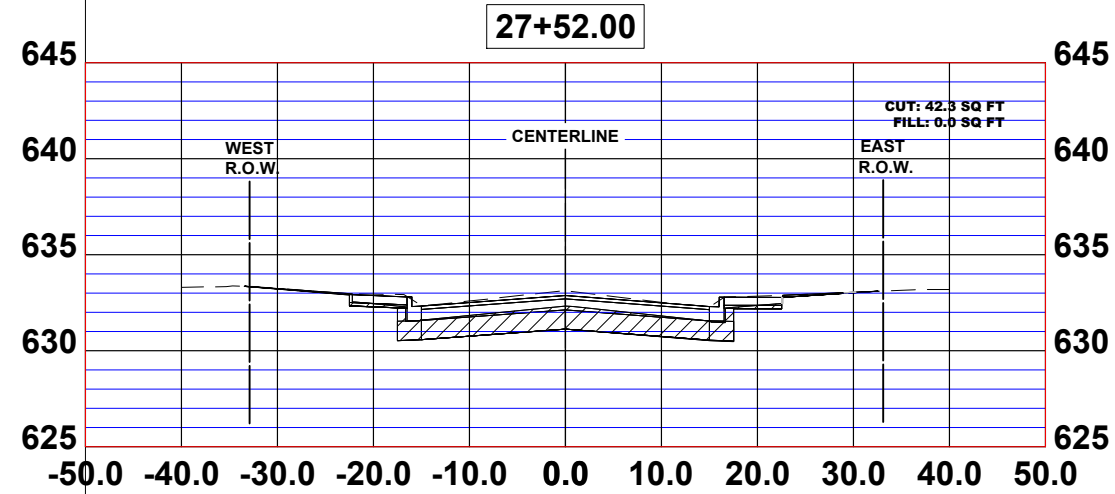
SCALE: H: 1"=10' SHEET NO. 10 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	71
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 565-21-244

Drawing file: W:\Projects\By_Village\Maywood\56521244 - 19th Avenue Phase 1\Site\CROSS SECTION.dwg Oct 27, 2024 - 11:16am

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DRAWN -	SFB, DMM, ECW, GD	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-6-24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: H: 1"=10' SHEET NO. 10 OF 10 SHEETS STA. TO STA.

MS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	19-00140-00-FP	COOK	72	72
FIELD BOOK NO. : -		CONTRACT NO. 61K87		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 565-21-244