

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	1
ILLINOIS PROJECT C-91-187-18				
SECTION				
CONTRACT NO. 61J02				



LOCATION OF SECTION INDICATED THUS:

STATE OF ILLINOIS
ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED AUGUST 4 2022
[Signature]
VILLAGE OF MAYWOOD, PRESIDENT

PASSED SEPT 8 2022
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW September 8 2022
[Signature]
REGIONAL ENGINEER



DATE SIGNED: 08/05/22
LICENSE EXPIRES: 11-30-23

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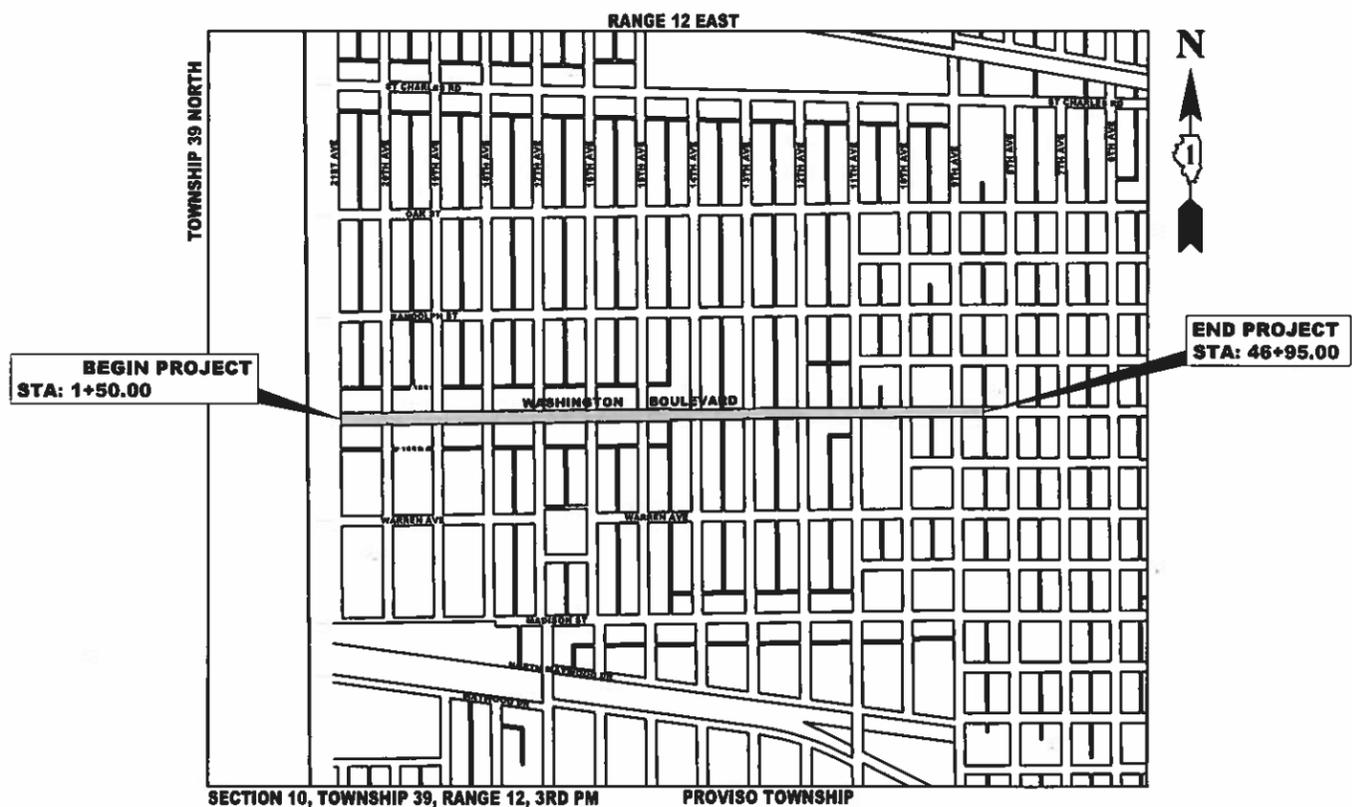
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAU ROUTE 1411 (WASHINGTON BOULEVARD)
21ST AVE TO 9TH AVENUE
ROADWAY RECONSTRUCTION
SECTION NO.: 18-00139-00-PV
PROJECT NO.: V8AD (050)
VILLAGE OF MAYWOOD
COOK COUNTY**

C-91-187-18



LOCATION MAP NOT TO SCALE

11/18/2022 LETTING ITEM 088

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

**FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR**

**TRAFFIC DATA
WASHINGTON BOULEVARD
ADT (2018) = 6,950
ADT (2040) = 7,700
TRUCK% = 2.3%**

**POSTED SPEED LIMIT
WASHINGTON BOULEVARD = 25 MPH**

**DESIGN SPEED LIMIT
WASHINGTON BOULEVARD = 30 MPH**



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

0 10' 20' 30' SCALE: 1" = 10'

0 50' 100' SCALE: 1" = 50'

0 50' 100' SCALE: 1" = 40'

0 50' 100' SCALE: 1" = 30'

0 50' 100' SCALE: 1" = 20'

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

CONTRACT NO. 61J02

GROSS LENGTH OF IMPROVEMENT = 4,545.00 FT. = 0.861 MI
NET LENGTH OF IMPROVEMENT = 4,545.00 FT. = 0.861 MI

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, LOCATION MAP
2	INDEX OF SHEETS, LEGEND, AND IDOT HIGHWAY STANDARDS
3	GENERAL NOTES
4	M.W.R.D.G.C. GENERAL NOTES
5-14	SUMMARY OF QUANTITIES
15-16	TYPICAL SECTIONS
17-18	ALIGNMENT, TIES, AND BENCHMARKS
19-29	PAVING PLAN AND PROFILE
30-31	ROADWAY DETAILS
32-36	MAINTENANCE OF TRAFFIC PLAN, STAGE CONSTRUCTION PLAN
37-39	DETOUR PLAN
40-41	EROSION CONTROL PLAN AND SWPPP
42-52	UTILITIES PLAN AND PROFILE
53-54	DRAINAGE AND UTILITIES DETAILS
55	M.W.R.D.G.C. ROUTE OUTLET MAP
56-57	PLAT OF HIGHWAYS FOR PERMANENT EASEMENTS
58	SIGNING PLAN LEGEND AND NOTES
59-60	PAVEMENT MARKING AND SIGNING PLAN
61-62	LANDSCAPING PLAN
63-82	TRAFFIC SIGNAL PLANS
83-84	STREET LIGHTING PLAN
85-86	STREET LIGHT WIRING PLAN
87-88	ALUMINUM LIGHT POLE DETAILS
89-97	CONSTRUCTION DETAILS
98-116	STATION CROSS SECTIONS

LEGEND OF SYMBOLS

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

EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		POWER POLE			
		GAS VALVE			STORM SEWER TO BE REMOVED
		STREET LIGHT			STORM SEWER PIPE
		WATER MAIN BUFFALO BOX			COMBINATION SEWER PIPE
		WATER MAIN VALVE BOX			SANITARY SEWER PIPE
		SPRINKLER			WATER MAIN
		WATER MAIN VALVE VAULT			ELECTRIC LINE
		STORM INLET			GAS LINE
		FIRE HYDRANT			TELEPHONE LINE
		EXISTING STRUCTURE TO BE REMOVED			CURB AND GUTTER
		EXISTING STRUCTURE TO BE FILLED			EXISTING CURB AND GUTTER TO BE REMOVED
		TREE TO BE REMOVED			CURB AND GUTTER (SPECIAL)
		BUSH			DIRECTION OF FLOW
		NEW TREE			DRAINAGE SUMMIT
		TREE			WATER MAIN VALVE VAULT RIM AND TOP OF PIPE ELEVATION
		EVERGREEN TREE			
		EXISTING CURB AND GUTTER TO BE REMOVED			COMBINATION MANHOLE RIM AND INVERT ELEVATION
		EARTH EXCAVATION SPECIAL			STORM SEWER MANHOLE/CATCHBASIN RIM AND INVERT ELEVATION
		NON-SPECIAL WASTE DISPOSAL			
		EXISTING CONCRETE SIDEWALK TO BE REMOVED		A	STRUCTURE TO BE ADJUSTED
		EXISTING CONCRETE DRIVEWAY TO BE REMOVED		1C	TYPE 1 FRAME & CLOSED LID
		HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT		1P	TYPE 1 FRAME & OPEN LID
		PROPOSED CONCRETE PAVEMENT/SIDEWALK		RC	RECONSTRUCT EXISTING STRUCTURE
		PROPOSED HOT MIX ASPHALT PAVING	643.90	632.25	GROUND ELEVATIONS
				CB SPEC	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE I FRAME, OPEN LID, SPECIAL
				CB	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE I FRAME, OPEN LID
				INL	INLETS, TYPE A, TYPE I FRAME, OPEN LID
				MH (SPEC)	MANHOLES, TYPE A, 5' DIAMETER, TYPE I FRAME, CLOSED LID (SPECIAL)

DISTRICT ONE DETAILS

- TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
- DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
- DETOUR SIGNING FOR CLOSING STATE HIGHWAYS (TC-21)
- ARTERIAL ROAD INFORMATION SIGN (TC-22)
- DRIVEWAY ENTRANCE SIGNING (TC-26)
- BUTT JOINTS AND HMA TAPER DETAILS (BD-32)
- LIGHT CONTROLLER, PEDESTAL MOUNT (BE-210)
- LIGHT POLE FOUNDATION, METAL (BE-305)
- MISC. ELECTRICAL DETAILS, SHEET A (BE-702)

HIGHWAY STANDARDS DRAWINGS

STANDARD NO.	TITLE OR DESCRIPTION	STANDARD NO.	TITLE OR DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	729001-01	APPLICATIONS OF TYPES A&B METAL POSTS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	780001-05	TYPICAL PAVEMENT MARKINGS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	814001-03	HANDHOLES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE	814006-03	DOUBLE HANDHOLES
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY	838001-01	BREAKAWAY DEVICES
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY	862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION	876001-04	PEDESTRIAN PUSH BUTTON POST
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE	877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
701901-08	TRAFFIC CONTROL DEVICES	877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
720001-01	SIGN PANEL MOUNTING DETAILS	878001-11	CONCRETE FOUNDATION DETAILS
720006-04	SIGN PANEL ERECTION DETAILS	880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS	880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS	886001-01	DETECTOR LOOP INSTALLATIONS
		886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

Drawing file: W:\Projects_by_Village\Waywood\56519231 - Washington Blvd - Ph II\02_Index.dwg Aug 05, 2022 - 4:57pm

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DESIGNED - SBC	REVISED -
DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LEGEND OF SYMBOLS, AND
IDOT HIGHWAY STANDARDS**

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	2
FIELD BOOK NO. : -			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

ACCESS

THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING THE CONSTRUCTION PERIOD. DURING CONSTRUCTION, GARBAGE TRUCKS MUST BE PERMITTED ACCESS TO THE WORK ZONE TO PICK UP RESIDENTIAL AND COMMERCIAL GARBAGE FOR THOSE PROPERTIES FRONTING THE WORK ZONE. IF GARBAGE TRUCK ACCESS IS NOT PROVIDED, THE CONTRACTOR SHALL MOVE TRASH CONTAINERS TO AN ACCESSIBLE LOCATION.

UNDERGROUND UTILITIES

ALL SEWER AND WATER CONSTRUCTION SHALL ADHERE TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, EIGHTH EDITION, DATED 2020, AND ALL REVISIONS THERETO EXCLUDING SECTIONS 1-9.

ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR, BUT WILL BE COORDINATED BY GENERAL CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE.

THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE REMOVAL OF ABANDONED EXISTING GAS LINES SINCE RESIDUAL MATERIALS CONTAINED THEREIN ARE HIGHLY EXPLOSIVE, FLAMMABLE, AND TOXIC. ONCE THE MAINS ARE ABANDONED BY THE OWNER, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DAMAGE AND/OR INJURY OCCURRING ON THE PROJECT DUE TO HIS/HER OPERATIONS NEXT TO THE MAINS AND/OR THE METHOD OF REMOVAL OF THE ABANDONED MAINS.

STORM SEWER

THE VERTICAL AND HORIZONTAL CLEARANCES BETWEEN WATER MAINS AND PROPOSED OR EXISTING STORM SEWERS SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 41-1.02A THROUGH 41-1.02D OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS (2020).

FRAMES AND GRATES

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 FOR ROAD AND BRIDGE CONSTRUCTION (2022) AND THE TERM LID IS USED IN LIEU OF GRATE.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE'S PUBLIC WORKS YARD, LOCATED AT 40 MADISON STREET.

FORMS FOR CONCRETE SIDEWALKS, DRIVEWAYS, PAVEMENT, AND GUTTER FLAGS

A 2" X 6" BOARD WILL BE USED AS A FORM FOR ALL SIDEWALKS TO BE INSTALLED FIVE INCHES (5") IN THICKNESS. A 2" X 8" BOARD WILL BE USED AS A FORM FOR ALL DRIVEWAYS TO BE INSTALLED SEVEN INCHES (7") IN THICKNESS. A 2" X 10" BOARD WILL BE USED AS THE FORM FOR ALL PAVEMENTS TO BE INSTALLED EIGHT INCHES (8") IN THICKNESS. A 2" X 12" BOARD WILL BE USED AS THE FORM FOR THE FACE OF THE GUTTER FLAGS TO BE INSTALLED TEN INCHES (10") IN THICKNESS. ALL FORMS MUST BE OF A MINIMUM HEIGHT OF THE PROPOSED THICKNESS OF THE RESPECTIVE CONCRETE ITEMS TO BE INSTALLED.

OPEN EXCAVATION

LEAVING OF ANY EXCAVATION NECESSARY FOR STORM SEWERS OPEN OVERNIGHT WILL NOT BE ALLOWED ON THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETELY BACKFILLING OR PLATING OVER OF ALL EXCAVATIONS AT THE END OF EACH DAY. IF THE EXCAVATIONS ARE BACKFILLED THEY SHALL BE FILLED WITH AN AGGREGATE MEETING THE GRADATION OF CA-6. THE MATERIAL WILL BE COMPACTED SUFFICIENTLY TO PREVENT RUTTING OR SETTLEMENT OF MATERIAL UNDER TRAFFIC LOADS. IF PLATES ARE USED THEY SHALL BE OF SUFFICIENT THICKNESS TO SUPPORT VEHICULAR LOADS. ADDITIONALLY THEY SHALL EXTEND A MINIMUM OF NINE INCHES (9") BEYOND THE LIMITS OF THE EXCAVATION ON ALL SIDES. IF THE PLATES ARE TO BE LEFT OVER THE WEEKEND, THE EDGES OF THE PLATES SHALL BE CUSHIONED WITH A BITUMINOUS MIXTURE IN AREAS WHERE VEHICULAR TRAFFIC WILL CROSS THE PLATES.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2022) REPAIR OR REPLACEMENT OF EXISTING PLAN MATERIAL REQUIREMENTS STATED HEREIN.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT THEIR OPERATIONS SO AS TO MAINTAIN AT ALL TIMES FLOWS THROUGH EXISTING STORM AND COMBINED SEWER SYSTEMS. HE 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 THAT ARE NOT TO BE INCORPORATED INTO THE PROJECT ARE TO BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. ALL ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS AS WELL AS MATERIAL EXISTING BEFORE CONSTRUCTION, SHALL BE REMOVED BY THE CONTRACTOR.

EXISTING STRUCTURE MODIFICATIONS

ALL KNOWN EXISTING STRUCTURES IN THE PAVEMENT OR ADJACENT AREAS THAT ARE INVOLVED IN THE CONSTRUCTION HAVE BEEN SHOWN ON THE PLANS AND NOTED TO BE REMOVED, FILLED, RECONSTRUCTED, OR ADJUSTED BY THE CONTRACTOR EXCEPT THOSE OF AT&T, COMED, AND THE NICOR GAS COMPANY, WHICH ARE TO BE ADJUSTED BY THE APPROPRIATE UTILITY FORCE. WHERE EXISTING STRUCTURES ARE TO BE REMOVED OR FILLED, OR THE EXISTING CASTING REPLACED, THE CASTINGS REMOVED FROM THE STRUCTURE ARE TO REMAIN THE PROPERTY OF THE VILLAGE AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE'S PUBLIC WORKS YARD.

MAINTENANCE OF EXISTING DRAINAGE STRUCTURES

ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS OR 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.

SAW CUTTING

THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AND CONCRETE PAVEMENT AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. SUITABLE GUIDELINES OR DEVICES SHALL BE USED TO ASSURE CUTTING A NEAT, STRAIGHT LINE AS SHOWN ON THE PLANS. CARE SHALL BE TAKEN BY THE CONTRACTOR SO AS NOT TO DAMAGE THE REMAINING PAVEMENT DIRECTLY ADJACENT TO THE PAVEMENT TO BE REMOVED. ANY DAMAGE TO THE EXISTING PAVEMENT RESULTING FROM PAVEMENT REMOVAL OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR.

PROPOSED STRUCTURES

THE CONTRACTOR SHALL NOT ORDER PROPOSED STRUCTURES UNTIL A JULIE REQUEST HAS BEEN EXECUTED AND THE ENGINEER HAS BEEN NOTIFIED BY THE CONTRACTOR OF ANY CONFLICTS.

ITEMS TO BE SALVAGED

WHERE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER, EXISTING SEWER FRAMES AND LIDS, VALVE BOXES, DOMESTIC WATER SERVICE BOXES, FIRE HYDRANTS AND OTHER CASTINGS ARE TO BE REMOVED BY THE CONTRACTOR. ADDITIONALLY, ALL EXISTING SIGNAGE SCHEDULED FOR REMOVAL WILL ALSO BE APPROPRIATED BY THE CONTRACTOR. THESE ITEMS WILL REMAIN THE PROPERTY OF THE VILLAGE, AND SHALL BE DELIVERED TO THE OWNER AT ITS PUBLIC WORKS FACILITY AT 40 MADISON STREET, MAYWOOD, IL 60153

NOTIFICATION OF RESIDENTS

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING WRITTEN NOTICE TO ALL RESIDENCES AND/OR PLACES OF BUSINESS IN THE WORK ZONE AT LEAST ONE (1) WORKING DAY PRIOR TO PERFORMING ANY CONSTRUCTION ACTIVITY THAT WILL ELIMINATE ACCESS TO THEIR PROPERTY. THE WRITTEN NOTICE SHALL BE APPROVED BY THE ENGINEER AND COORDINATED WITH THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

TRAFFIC PROTECTION

WHEN WORK COMMENCES, THE CONTRACTOR SHALL ASSUME THE MAINTENANCE OF ANY PAVEMENT, SHOULDERS, DRAINAGE FACILITIES, TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND OTHER APPURTENANCES ON ROADWAYS WITHIN THE LIMITS OF THE CONTRACT THAT ARE TO BE USED BY THE PUBLIC DURING CONSTRUCTION AND TO RETAIN THIS MAINTENANCE RESPONSIBILITY UNTIL PROJECT COMPLETION. NEED FOR SNOW AND ICE CONTROL DURING THE CONSTRUCTION PERIOD SHALL BE ACCOMMODATED FOR BY OTHERS.

PLUGGING EXISTING SEWERS AND DRAINS

UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FOOT LONG NON-SHRINK/MORTAR PLUG.

UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENT

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE 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 FOR ROAD AND BRIDGE CONSTRUCTION (2022) AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

AGGREGATE GRADATION

THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

STORM SEWER STRUCTURES

PRE-CAST REINFORCED CONCRETE SECTIONS FABRICATED IN ACCORDANCE WITH ASTM C-478 WILL BE USED ON ALL STRUCTURES AND RECONSTRUCTED STRUCTURES. FINAL ADJUSTMENT SHALL BE MADE USING PRE-CAST ADJUSTING RINGS. A MAXIMUM OF 6" OF ADJUSTING RINGS WILL BE PERMITTED. THE WORK DESCRIBED WITHIN THE SPECIAL PROVISION FOR FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) SHALL BE PERFORMED WHEN INSTALLING A NEW STORM SEWER STRUCTURE.

MANHOLE OR VALVE VAULT COVERS

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

BACKFILLING SEWERS UNDER ROADWAY

FOR SEWERS UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE (JETTING) AS DESCRIBED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2022) WILL NOT BE ALLOWED.

CONCRETE BREAKERS

WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS SUCH AS DROP HAMMERS, WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

NOTE

THE CONTRACTOR SHALL NOTIFY THE IDOT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

PAVEMENT MARKING DOCUMENTATION

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.



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DESIGNED -	SBC	REVISED -
DRAWN -	SFB, DMM	REVISED -
CHECKED -	WOP	REVISED -
DATE -	8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	3
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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

b. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE VILLAGE 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.

b. GENERAL NOTES

1. ELEVATION DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. THE ENGINEER IN COORDINATION WITH THE MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE; SHALL HAVE TO THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION OR TESTING OF THIS WORK ON THE PROJECT.
4. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENT TO NOTIFY ALL INSPECTION AGENCIES.
5. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
6. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

d. SANITARY SEWER

1. 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 ENGINEER IN COORDINATION WITH THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
2. 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 BY THE ENGINEER IN COORDINATION WITH THE MUNICIPALITY AND/OR MWRD.
3. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
4. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
5. 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	D-3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS, SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - a) A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUB-WYE 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 COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATERMAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

e. EROSION AND SEDIMENT CONTROL

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	4
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

I.H.E. PROJECT NO. 565-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
~		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	180	180				
~		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	750	750				
		20101100	TREE TRUNK PROTECTION	EACH	45	45				
~		20101200	TREE ROOT PRUNING	EACH	45	45				
	*	20200100	EARTH EXCAVATION	CU YD	5,300	5,300				
	*	20200500	EARTH EXCAVATION (WIDENING)	CU YD	300	300				
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,925	1,925				
	*	20800150	TRENCH BACKFILL	CU YD	950	950				
	*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5,500	5,500				
~		25200100	SODDING	SQ YD	5,500	5,500				
~		25200200	SUPPLEMENTAL WATERING	UNIT	150	150				
		28000510	INLET FILTERS	EACH	115	115				
		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,925	1,925				
		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQYD	23,000	23,000				
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200				
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,500	10,500				
	*	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	600	600				
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	6,900	6,900				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	115	5
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	3,000	3,000				
	*	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10	10				
		42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	175	175				
	*	42001300	PROTECTIVE COAT	SQ YD	5,150	5,150				
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	235	235				
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21,800	21,800				
	*	42400800	DETECTABLE WARNINGS	SQ FT	620	620				
	*	44000100	PAVEMENT REMOVAL	SQ YD	23,000	23,000				
	*	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	240	240				
	*	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10,350	10,350				
	*	44000600	SIDEWALK REMOVAL	SQ FT	21,800	21,800				
~	*	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	90					90
~	*	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	575					575
~	*	56103200	DUCTILE IRON WATER MAIN 10"	FOOT	20					20
~	*	56105000	WATER VALVES 8"	EACH	5					5
~	*	56106200	ADJUSTING WATER MAIN 4"	FOOT	20					20
~	*	56106300	ADJUSTING WATER MAIN 6"	FOOT	20					20
~	*	56106400	ADJUSTING WATER MAIN 8"	FOOT	20					20

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 5
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 685-49-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
~	*	56106500	ADJUSTING WATER MAIN 10"	FOOT	20					20
~	*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2					2
~	*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2					2
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
	*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9				
~		60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5					5
	*	60255500	MANHOLES TO BE ADJUSTED	EACH	35	35				
	*	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	20	20				
	*	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10				
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	9,000	9,000				
~	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	750	750				
~	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
~	*	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	5	5				
		67100100	MOBILIZATION	L SUM	1	1				
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6				
		70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	1,500	1,500				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	115	7
FIELD BOOK NO. : -			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	

E.I.E. PROJECT NO. 865-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,000	4,000				
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,400	2,400				
		70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	320	320				
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	1,700	1,700				
		70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	300	300				
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	150	150				
~		72000100	SIGN PANEL - TYPE 1	SQ FT	700	675	25			
~		72000200	SIGN PANEL - TYPE 2	SQ FT	50		50			
~		72900100	METAL POST - TYPE A	FOOT	1,000	1,000				
~		72900200	METAL POST - TYPE B	FOOT	600	600				
~		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	800	800				
~		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,500	11,500				
~		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,300	4,300				
~		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,800	1,800				
~		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	575	575				
~		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	250	250				
~		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	50	50				
~	*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	8
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.I.E. PROJECT NO. 865-19-3311

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
~	*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,522		1,522			
~	*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,200		1,200			
~	*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	170		170			
~	*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	670		670			
~	*	81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	60		60			
~	*	81400100	HANDHOLE	EACH	11		11			
~	*	81400200	HEAVY-DUTY HANDHOLE	EACH	8		8			
~	*	81400300	DOUBLE HANDHOLE	EACH	5		5			
~	*	81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	10,000			10,000		
~		81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50			50		
~		81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	361			361		
~	*	82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	62			62		
~		82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 100 AMP	EACH	1			1		
~	*	83000190	LIGHT POLE, ALUMINUM, 25 FT. M.H., 6 FT. DAVIT ARM	EACH	62			62		
~		83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6"	EACH	62			62		
~		83800506	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT OVER STAINLESS STEEL SCREEN	EACH	248			248		
~		84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	32			32		
~		84200804	REMOVAL OF POLE FOUNDATION	EACH	32		32			

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DATE - 8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	9
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.I.E. PROJECT NO. 585-18-2101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Tranees 0042 Urban	Reconstruction 0004 Urban
~	*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,050		2,050			
~	*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,640		2,640			
~	*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,420		2,420			
~	*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,643		2,643			
~	*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,930		2,930			
~	*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	383		383			
~	*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,255		1,255			
~	*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4			
~	*	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2		2			
~	*	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	4		4			
~	*	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1		1			
~	*	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1		1			
~	*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24		24			
~	*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		8			
~	*	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30		30			
~	*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	66		66			
~	*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	12		12			
~	*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8		8			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: NONE	STA. TO STA.
SHEET NO. 6 OF 10 SHEETS	

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 10
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE PROJECT NO. 665-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
~	*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8		8			
~	*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16		16			
~	*	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	16		16			
~		88500100	INDUCTIVE LOOP DETECTOR	EACH	16		16			
~	*	88600100	DETECTOR LOOP, TYPE 1	FOOT	1,247		1,247			
~	*	88700200	LIGHT DETECTOR	EACH	4		4			
~	*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2		2			
~	*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		2			
~	*	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2		2			
~	*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2			
~		89502380	REMOVE EXISTING HANDHOLE	EACH	10		10			
~	*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2			
~		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	18		18			
~		A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5				
~		A2004619	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL (IMPERIAL THORNLESS HONEYLOCUST), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	5	5				
~		A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5				
~		A2008116	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5				
~		B2003220	TREE, MALUS DAVID (DAVID CRABAPPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	115	11
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

C.H.E. PROJECT NO. 565-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
~		B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5				
~	*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	596		596			
	*	X0325607	GROUND STABILIZATION GEOSYNTHETIC	SQ YD	23,000	23,000				
~	*	X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	2		2			
~	*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2		2			
	*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	19	19				
	*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	12	12				
	*	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	750	750				
		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	320	320				
~	*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	2,000					2,000
~	*	X5610746	WATER MAIN LINE STOP 6"	EACH	4					4
~	*	X5610750	WATER MAIN LINE STOP 10"	EACH	2					2
~	*	X5620096	WATER SERVICE LINE 1", (BORED)	EACH	38					38
~	*	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	4					4
~	*	X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	1					1
	*	X6020235	CATCH BASINS, TYPE C, 2' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4				
	*	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	30	30				
	*	X6022805	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	68	68				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	12
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.I.E. PROJECT NO. 665-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
	*	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	1,350	1,350				
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
	*	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	50	50				
	~	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		2			
	~	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16		16			
	*	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	500	500				
	*	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	80	80				
	*	Z0019600	DUST CONTROL WATERING	UNIT	100	100				
	*	Z0023200	FILLING DRAINAGE STRUCTURES	EACH	2	2				
	*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	210	210				
	~	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8			8		
	~	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2		2			
	*	Z0062456	TEMPORARY PAVEMENT	SQ YD	600	600				
	~	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2			
	*	Z0076600	TRAINEES	HOUR	500				500	
	*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500				500	
	*	XX002948	TEMPORARY ACCESS WALK	EACH	110	110				
	~	XX004382	PRESSURE TESTING AND DISINFECTION	EACH	2					2
	*	XX004786	ADJUSTMENTS, SPECIAL	EACH	10	10				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 10 SHEETS STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	13
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

SUMMARY OF QUANTITIES

SPLTY	SP	Code No.	Description	Unit	Total Quantity	Const. Type Code 80% Federal/20% Local				Const. Type Code 0% Federal/100% Local
						Reconstruction 0004 Urban	Traffic Signals 0021 Urban	Lighting 0021 Urban	Trainees 0042 Urban	Reconstruction 0004 Urban
	*	XX005701	ALLEY APRON APPROACH PAVEMENT REMOVAL	SQ YD	170	170				
~	*	XX006227	RESTRAINED JOINT 8"	EACH	25					25
~	*	XX006228	RESTRAINED JOINT 6"	EACH	25					25
	*	XX006281	STORM SEWER, DUCTILE IRON, TYPE 1 10"	FOOT	1,100	1,100				
~	*	XX006451	10" X 6" PVC SEWER SERVICE CONNECTION	EACH	15					15
	*	XX006282	STORM SEWERS, DUCTILE IRON, TYPE 1 12"	FOOT	975	975				
~	*	XX006448	PVC COMBINED SEWER PIPE REPLACEMENT, 10"	FOOT	200					200
~	*	XX006449	PVC COMBINED SEWER PIPE REPLACEMENT, 12"	FOOT	40					40
~	*	XX006834	ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM	EACH	4			4		
	*	XX007785	SURFACE REMOVAL (SPECIAL)	SQ YD	90	90				
~	*	XX009544	RESTRAINED JOINT 10"	EACH	3					3
~	*	XX009545	PVC COMBINED SEWER PIPE REPLACEMENT, 8"	FOOT	12					12

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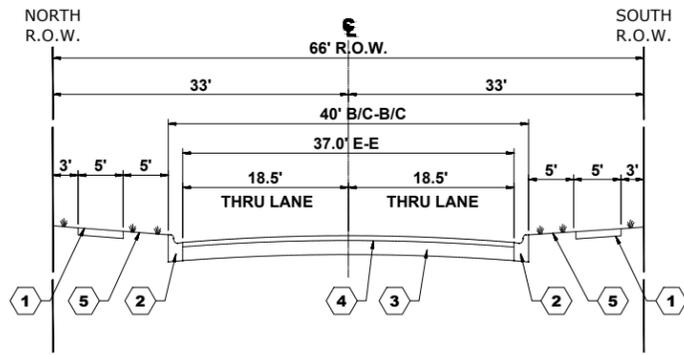
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

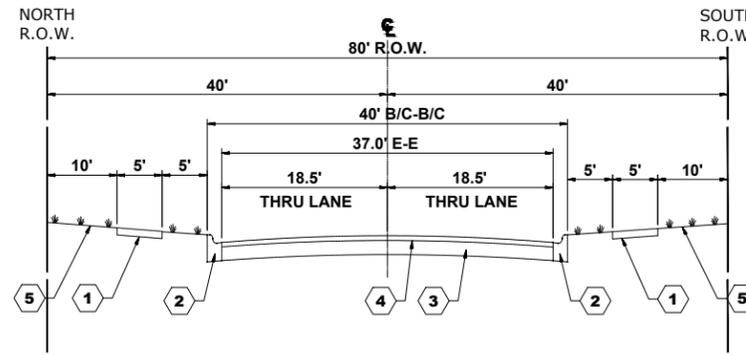
SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	14
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

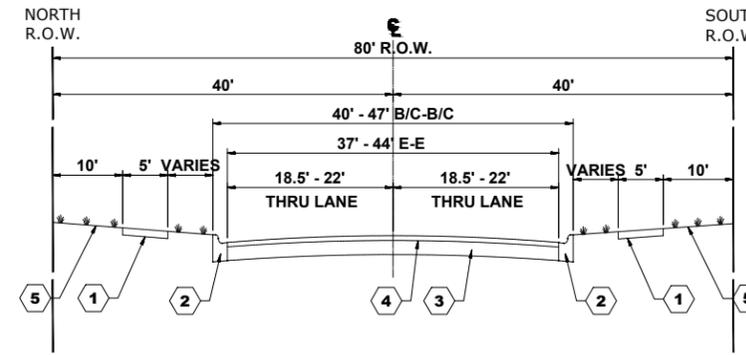
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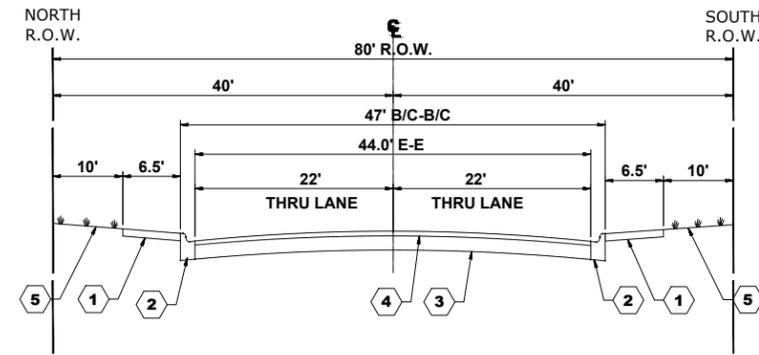
**WASHINGTON BOULEVARD
STA. 2+07 TO STA. 3+55**



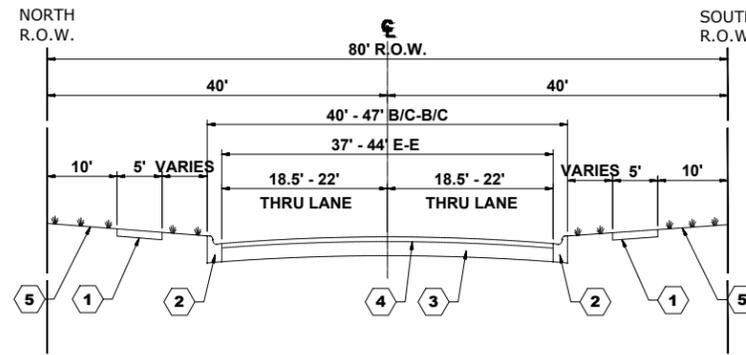
**WASHINGTON BOULEVARD
STA. 3+55 TO STA. 8+10**



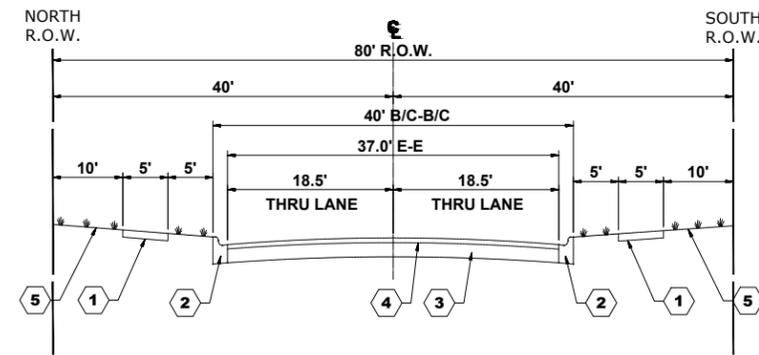
**WASHINGTON BOULEVARD
STA. 8+10 TO STA. 8+90**



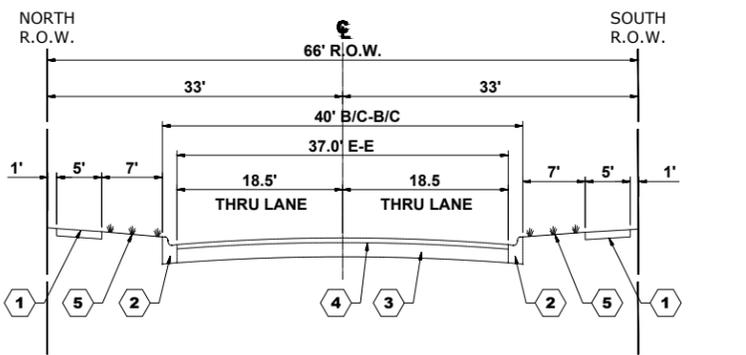
**WASHINGTON BOULEVARD
STA. 8+90 TO STA. 11+50**



**WASHINGTON BOULEVARD
STA. 11+50 TO STA. 12+30**



**WASHINGTON BOULEVARD
STA. 12+30 TO STA. 25+30**



**WASHINGTON BOULEVARD
STA. 25+30 TO STA. 45+75**

TYPICAL SECTION LEGEND

EXISTING

- ① PORTLAND CEMENT CONCRETE SIDEWALK (INTERMITTENT REMOVAL)
- ② COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (REMOVAL)
- ③ PORTLAND CEMENT CONCRETE COURSE BASE, 6" - 8" (REMOVAL)
- ④ HOT-MIX ASPHALT BINDER AND SURFACE COURSE, 2" - 4" (REMOVAL)
- ⑤ GRASS PARKWAY

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT SURFACING - BUTT JOINT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING - HMA DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" (2 LIFTS) (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5" (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	4% @ 50 Gyr.	LR 1030-2
WASHINGTON BOULEVARD - PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 5"	4% @ 50 Gyr.	LR 1030-2
9TH AVENUE - PAVEMENT RESURACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 Gyr.	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 BY RECYCLED MATERIALS SPECIFICATIONS.

PAVEMENT CORE SUMMARY					
BORE	STREET	STATION	LANE	BITUMINOUS	CONC BASE
B-1	WASHINGTON BLVD.	5+70, 6'LT	WESTBOUND LANE	3.25"	6"
B-2	WASHINGTON BLVD.	7+50, 15'RT	EASTBOUND LANE	5.75"	4.25"
B-3	WASHINGTON BLVD.	11+40, 14'LT	WESTBOUND LANE	5"	7"
B-4	WASHINGTON BLVD.	15+90, 8'RT	EASTBOUND LANE	3.75"	5.25"
B-5	WASHINGTON BLVD.	19+80, 7'LT	WESTBOUND LANE	3.75"	5.25"
B-6	WASHINGTON BLVD.	21+20, 13'RT	EASTBOUND LANE	13.5"	0"
B-7	WASHINGTON BLVD.	26+30, 2'LT	WESTBOUND LANE	12"	0"
B-8	WASHINGTON BLVD.	28+00, 10'RT	EASTBOUND LANE	3"	7"
B-9	WASHINGTON BLVD.	31+20, 10'LT	WESTBOUND LANE	9.5"	0"
B-10	WASHINGTON BLVD.	36+50, 5'RT	EASTBOUND LANE	3"	5.75"
B-11	WASHINGTON BLVD.	39+50, 14'LT	WESTBOUND LANE	2.75"	7.5"
B-12	WASHINGTON BLVD.	41+70, 10'RT	EASTBOUND LANE	3.75"	7"

NOTES:

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

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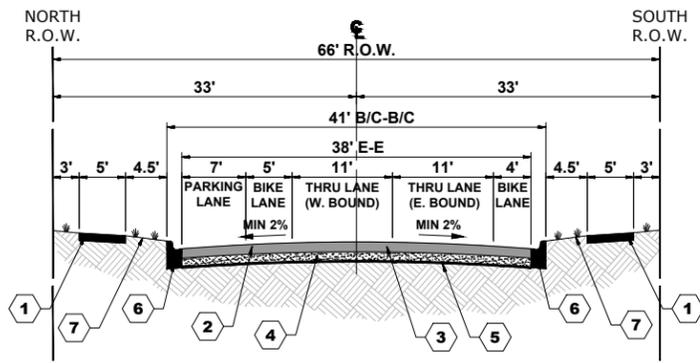
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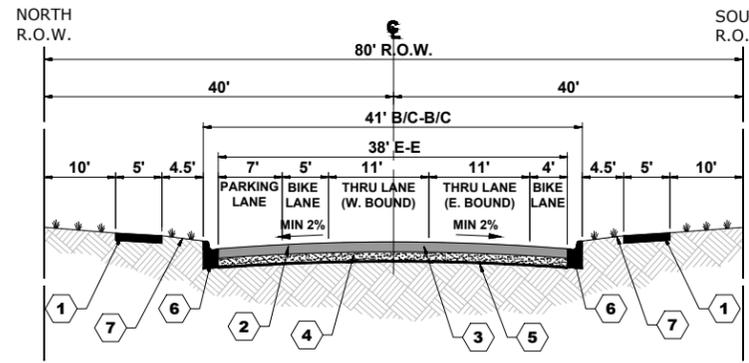
EXISTING TYPICAL SECTIONS
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 15
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

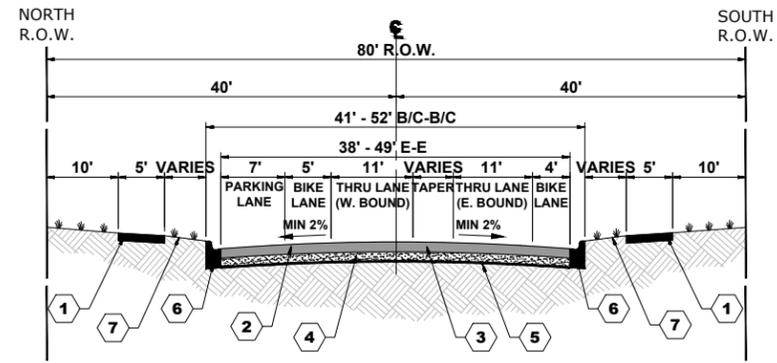
E.H.E. PROJECT NO. 665-19-23101



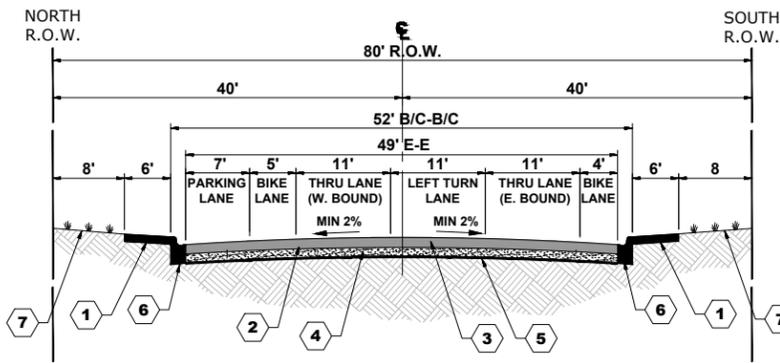
**WASHINGTON BOULEVARD
STA. 2+07 TO STA. 3+55**



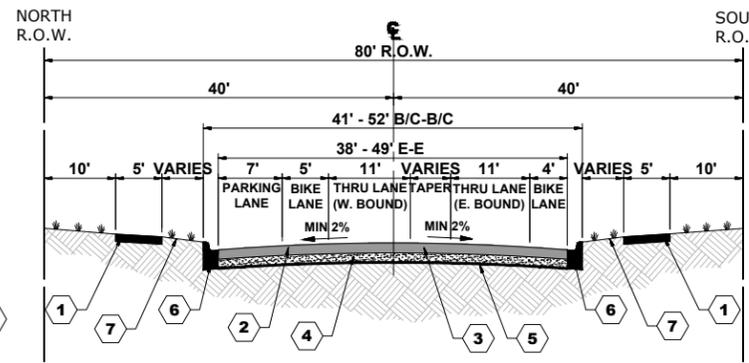
**WASHINGTON BOULEVARD
STA. 3+55 TO STA. 8+10**



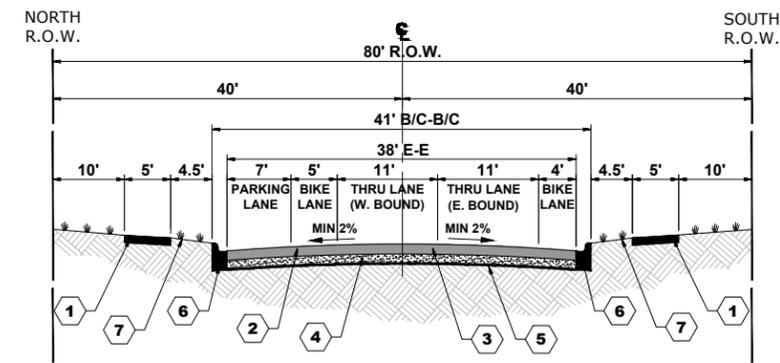
**WASHINGTON BOULEVARD
STA. 8+10 TO STA. 8+90**



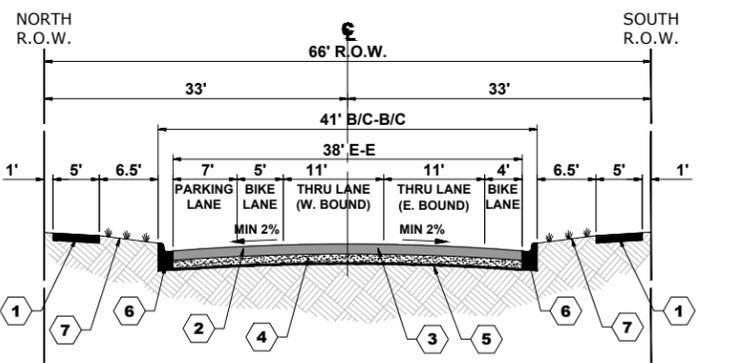
**WASHINGTON BOULEVARD
STA. 8+90 TO STA. 11+50**



**WASHINGTON BOULEVARD
STA. 11+50 TO STA. 12+30**



**WASHINGTON BOULEVARD
STA. 12+30 TO STA. 25+30**



**WASHINGTON BOULEVARD
STA. 25+30 TO STA. 45+75**

TYPICAL SECTION LEGEND

PROPOSED

- 1 PORTLAND CEMENT CONCRETE SIDEWALK, 5" (INTERMITTENT)
- 2 HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 5"
- 3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)
- 4 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 5 GROUND STABILIZATION GEOSYNTHETIC
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 7 LANDSCAPING RESTORATION

Drawing file: W:\Projects_by_Village\Woywood\66519231 - Washington Blvd - Ph II\12-13_Typ_Sections.dwg Sep 01, 2022 - 10:05am

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DATE -	8-8-22	REVISED -	

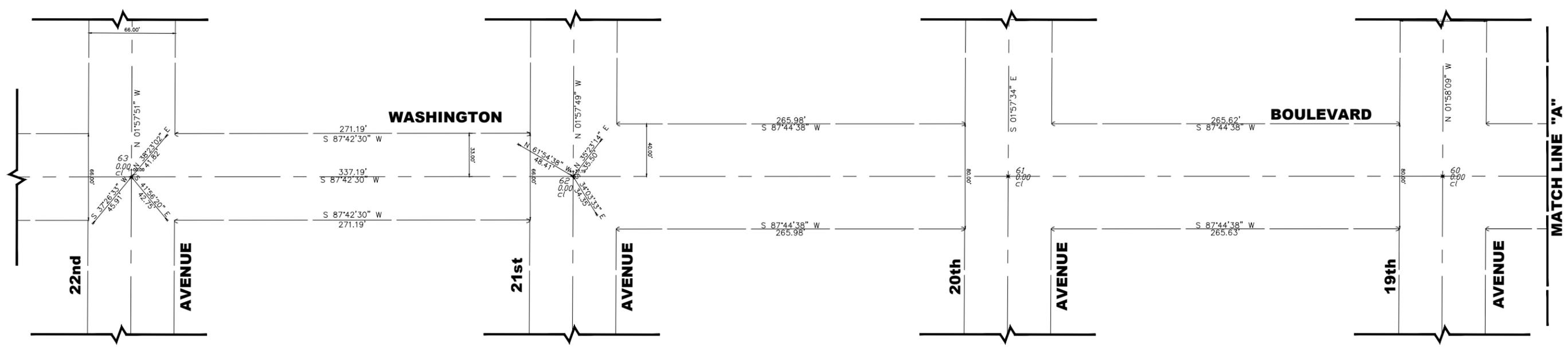
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

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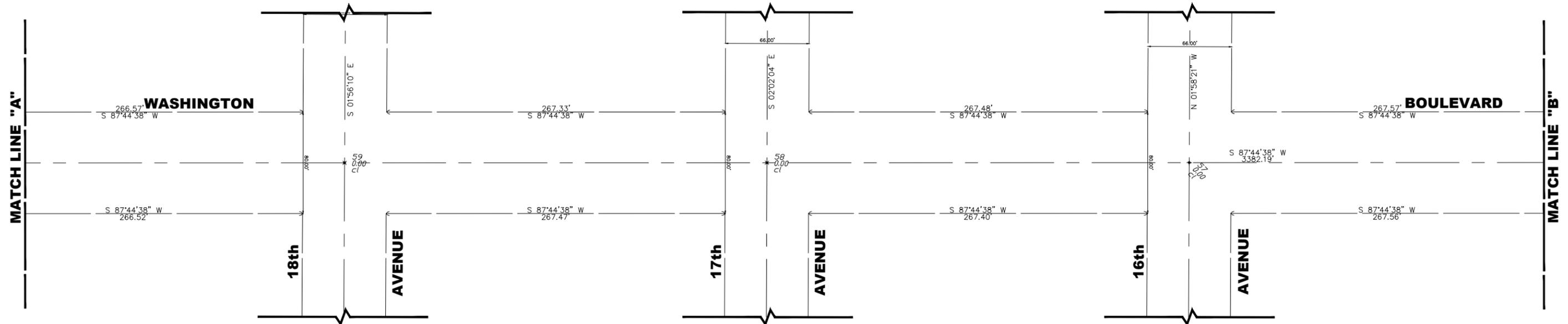
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	16
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

E.H.E. PROJECT NO. 665-19-23101



BENCHMARKS
DATUM IS NAVD 88

B.M. NO.	DESCRIPTION	ELEVATION
1	FLANGE BOLT ON F.H. AT STA. 7+18	632.11
2	BONNET BOLT ON F.H. AT STA. 13+04	636.14
3	BONNET BOLT ON F.H. AT STA. 20+49	638.38
4	BONNET BOLT ON F.H. AT STA. 27+41	632.30
5	BONNET BOLT ON F.H. AT STA. 34+43	631.87
6	BONNET BOLT ON F.H. AT STA. 40+88	631.55
7	BONNET BOLT ON F.H. AT STA. 44+22	631.69



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DEPARTMENT OF TRANSPORTATION

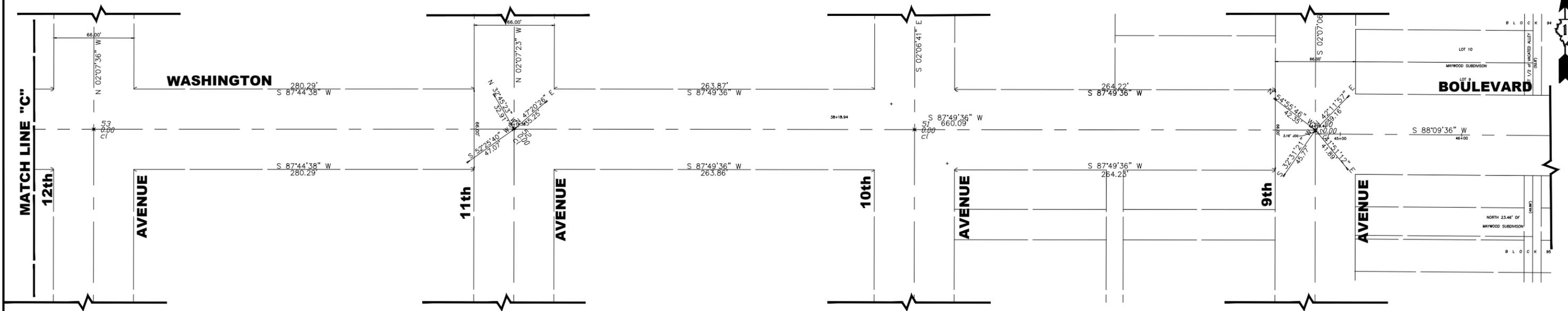
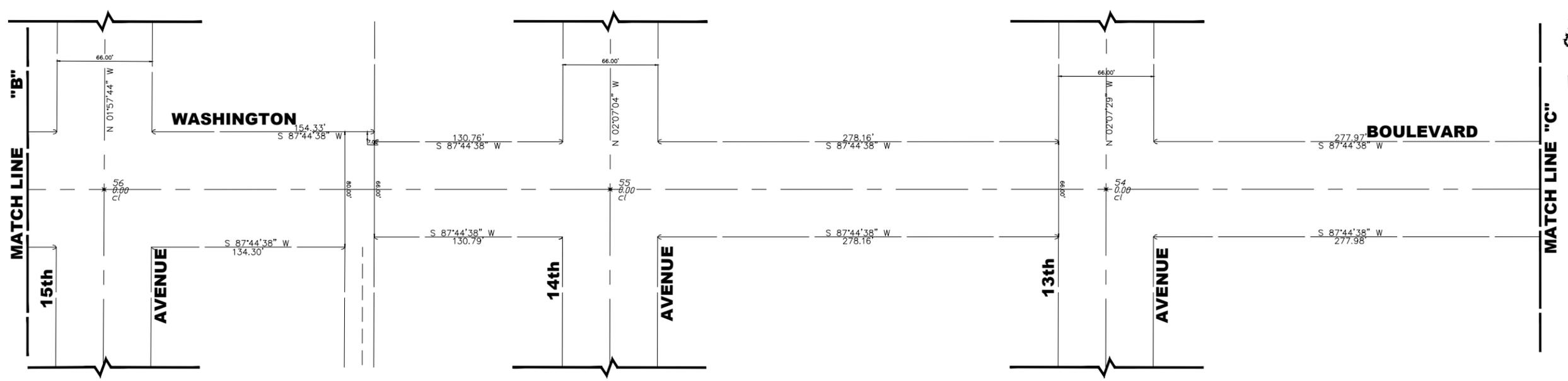
ALIGNMENT, TIES, AND BENCHMARKS

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	17

FIELD BOOK NO. : - CONTRACT NO. 61J02
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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DATE -	8-8-22	REVISED -

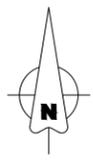
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

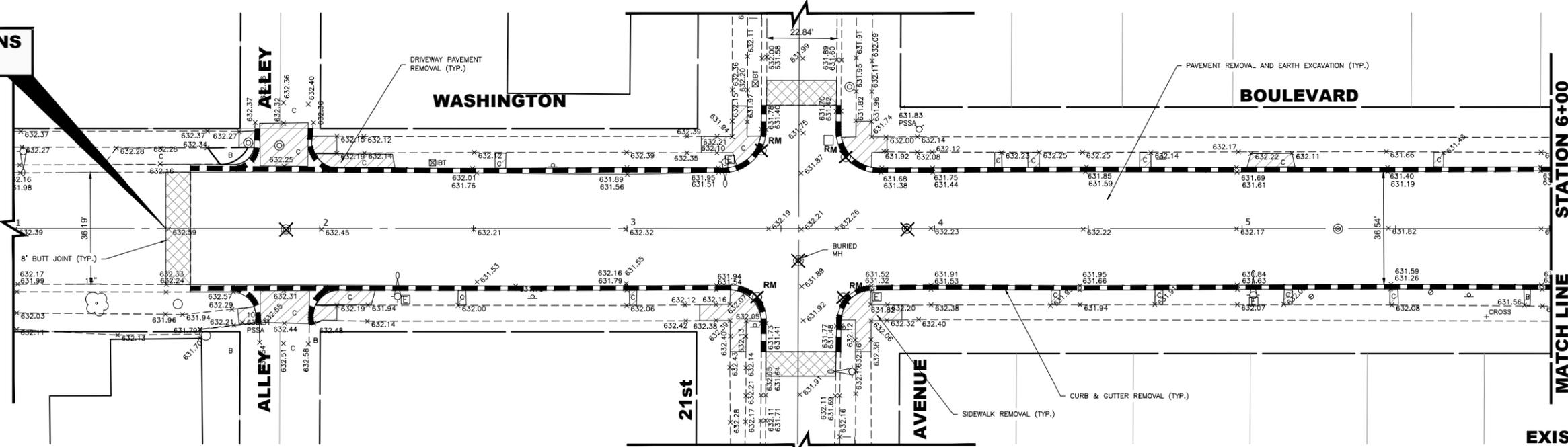
SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 23+00 TO STA. 45+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	18
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

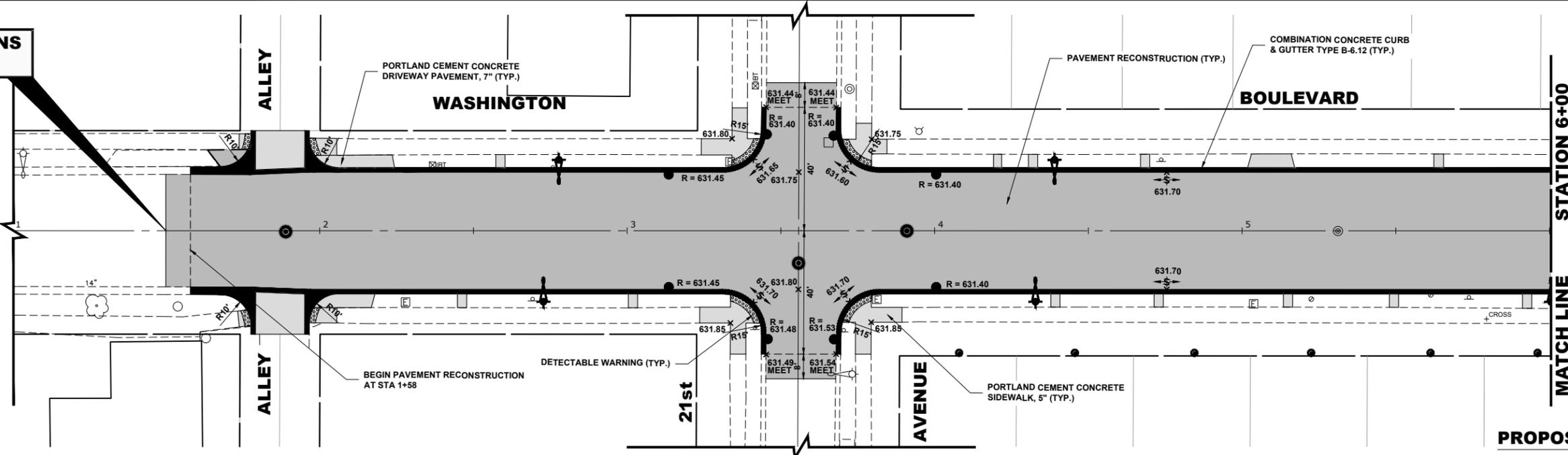


**PROJECT BEGINS
STA 1+50.00**

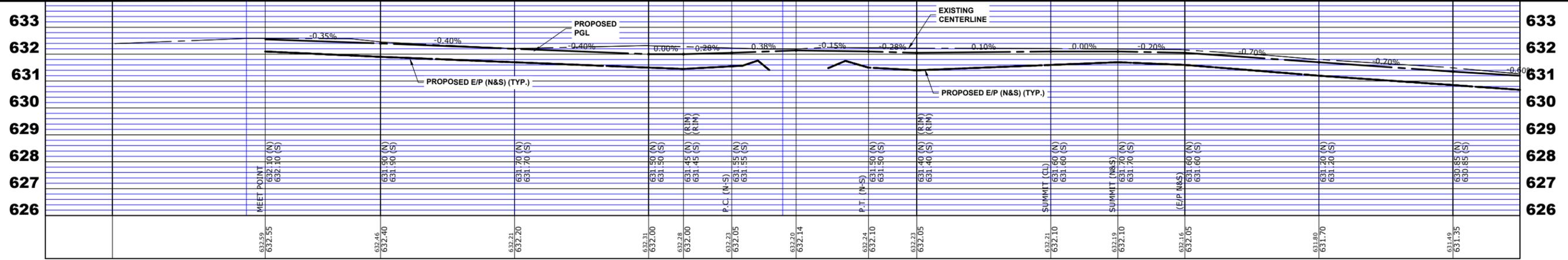


EXISTING TOPOGRAPHY

**PROJECT BEGINS
STA 1+50.00**



PROPOSED IMPROVEMENT



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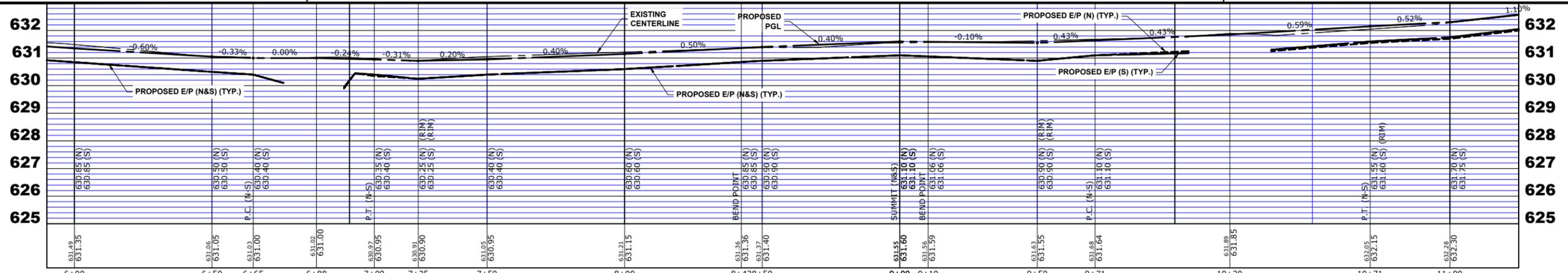
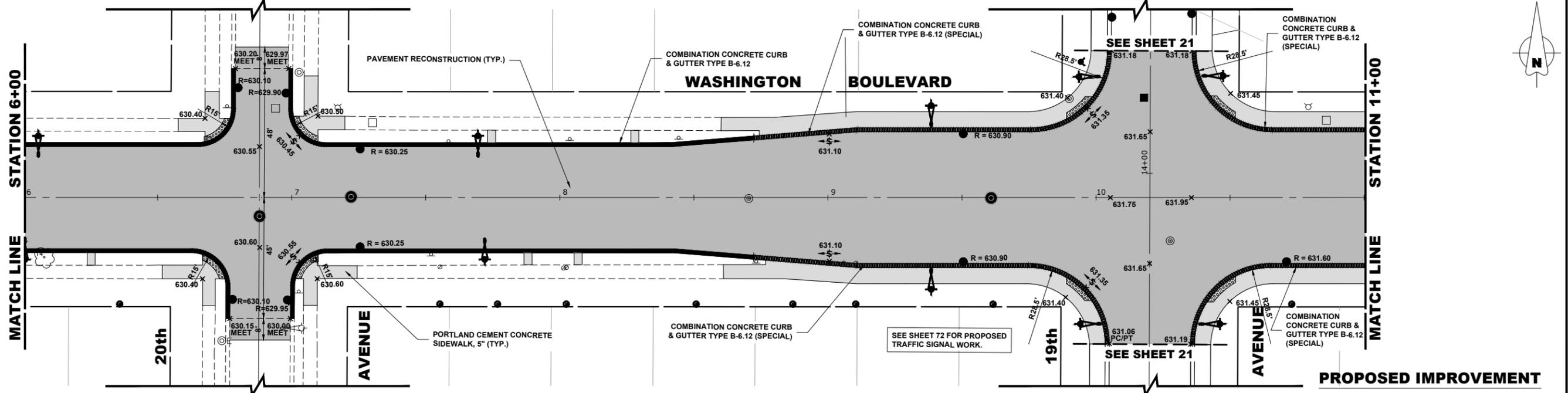
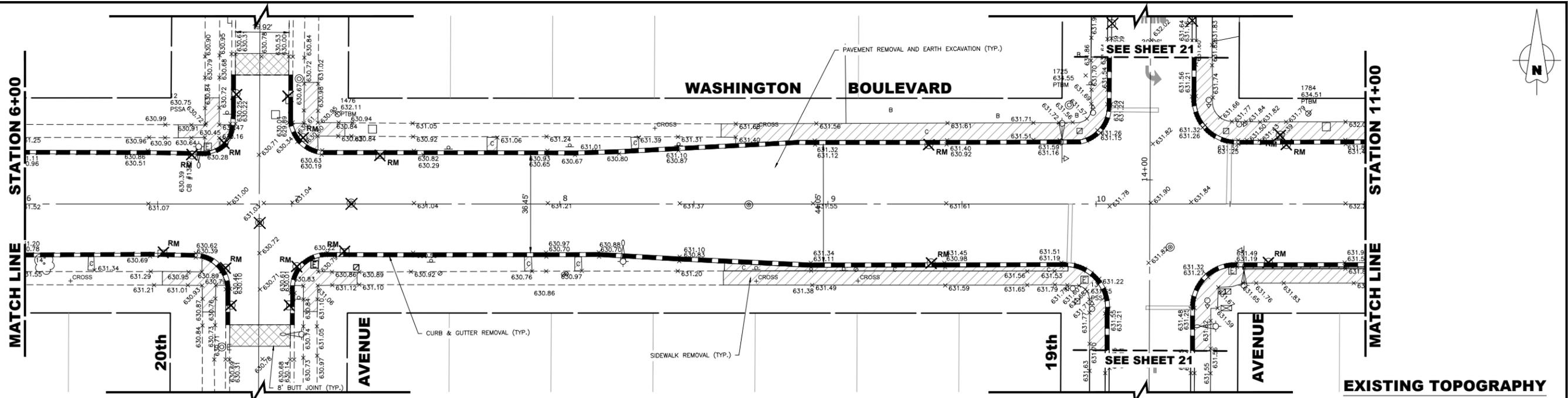
**WASHINGTON BOULEVARD
 PLAN AND PROFILE**

SCALE: 1" = 20'
 SHEET NO. 1 OF 11 SHEETS
 STA. 1+00 TO STA. 6+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 19
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

E.H.E. PROJECT NO. 665-19-23101

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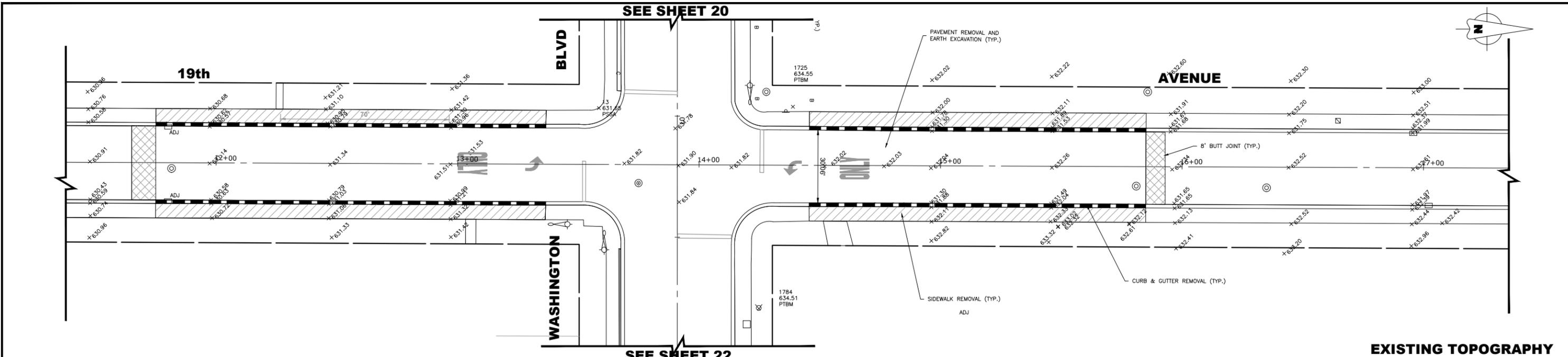
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WASHINGTON BOULEVARD
PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET NO. 2 OF 11 SHEETS
 STA. 6+00 TO STA. 11+00

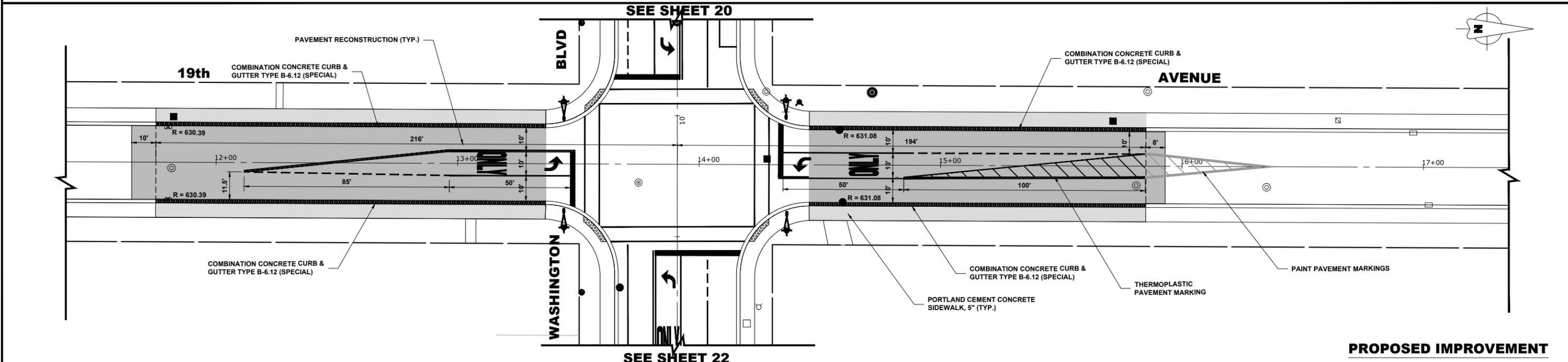
MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 20
FIELD BOOK NO. -	CONTRACT NO. 61J02			
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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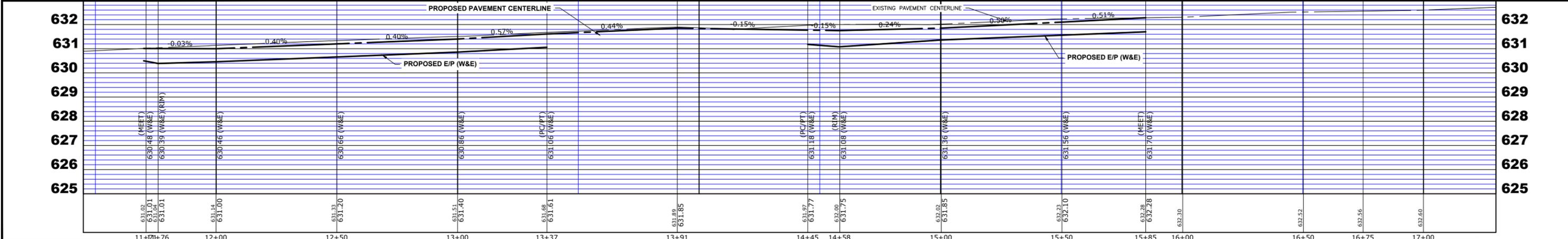
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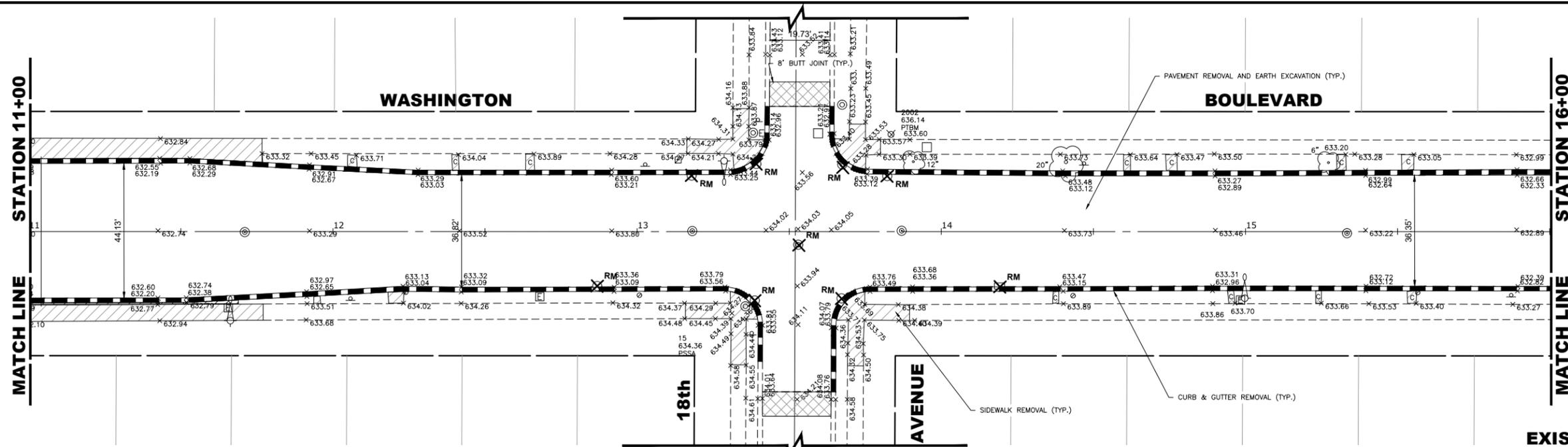
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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 9-16-22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

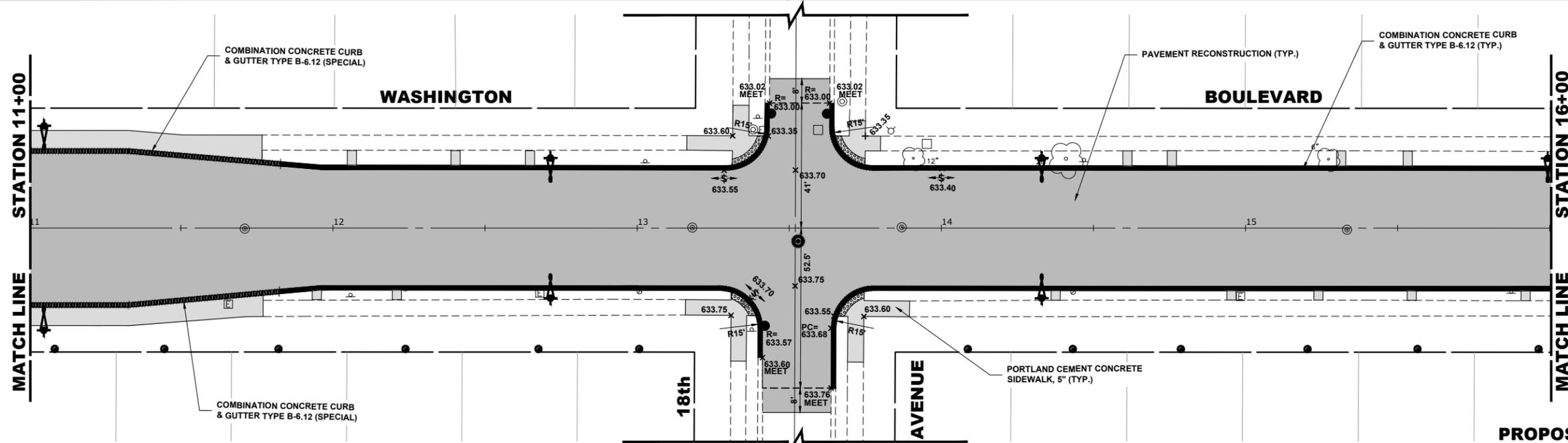
19TH AVENUE PLAN AND PROFILE	
SCALE: 1" = 20'	SHEET NO. 3 OF 11 SHEETS
STA. 11+70	TO STA. 17+06

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 21
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

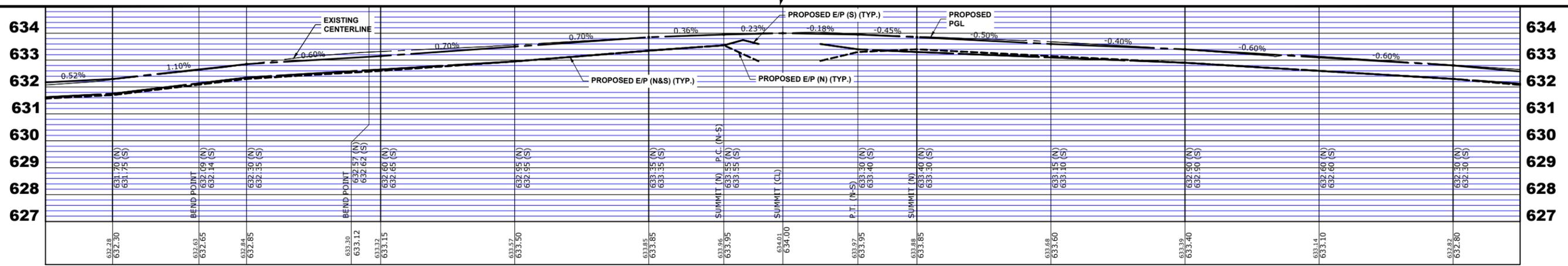
E.H.E. PROJECT NO. 865-19-23101



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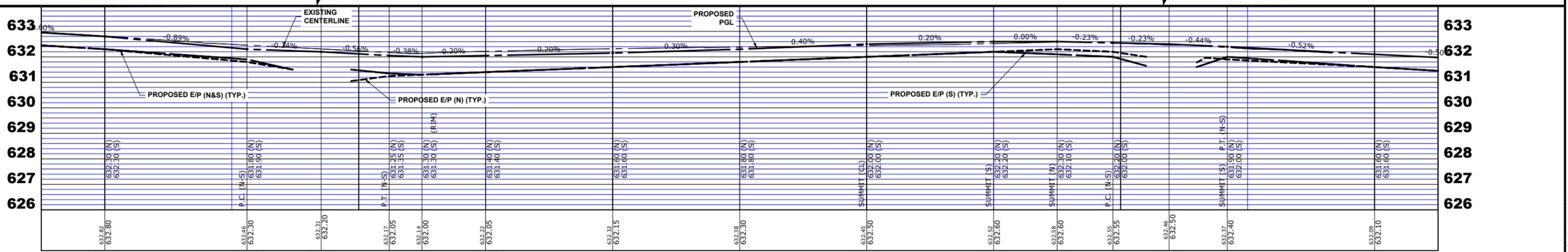
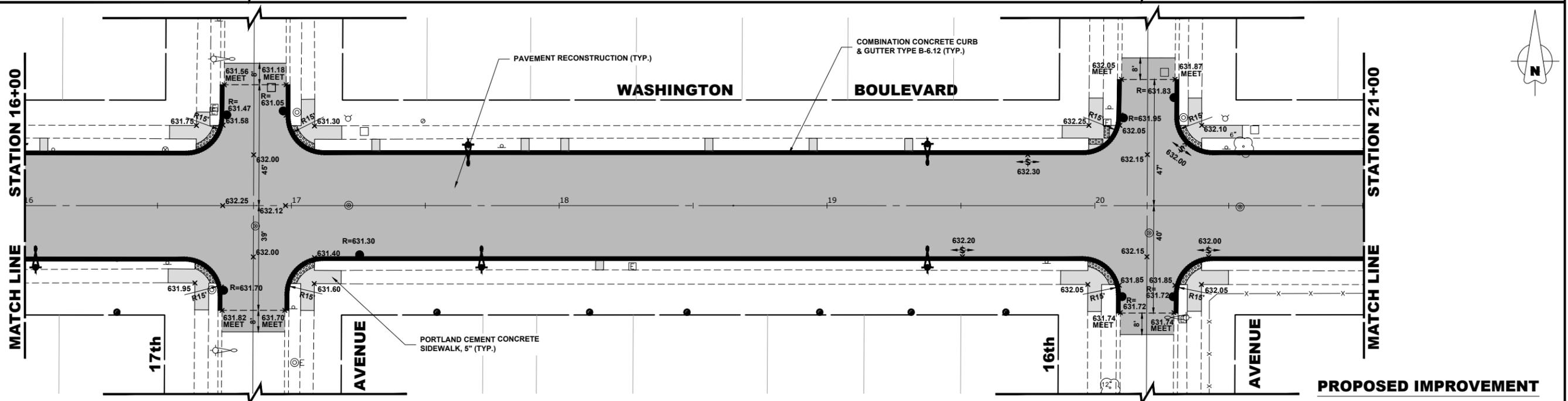
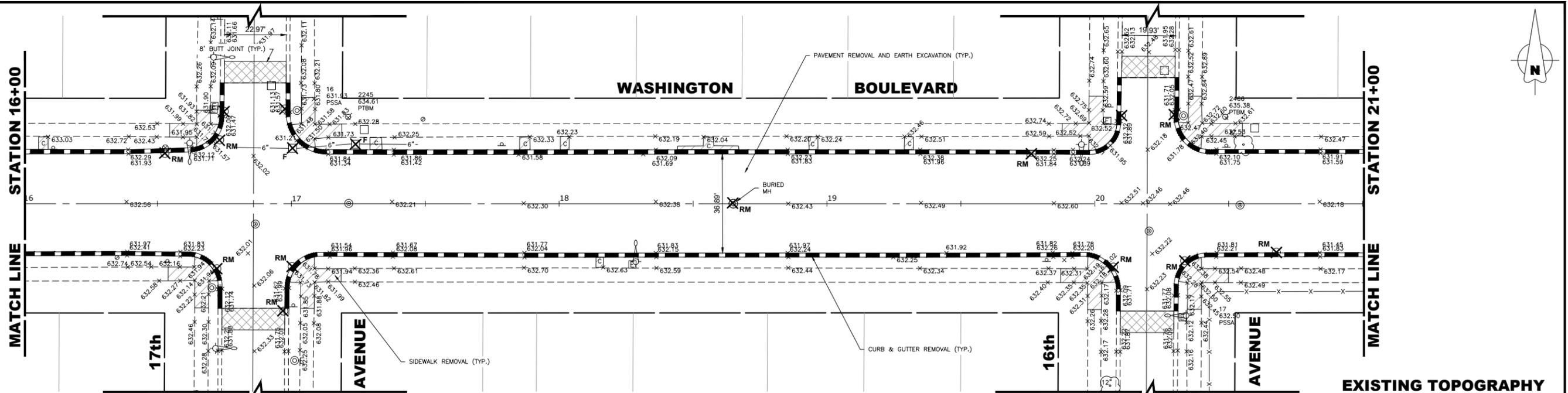
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 PLAN AND PROFILE**

SCALE: 1" = 20'
 SHEET NO. 4 OF 11 SHEETS
 STA. 11+00 TO STA. 16+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 22
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

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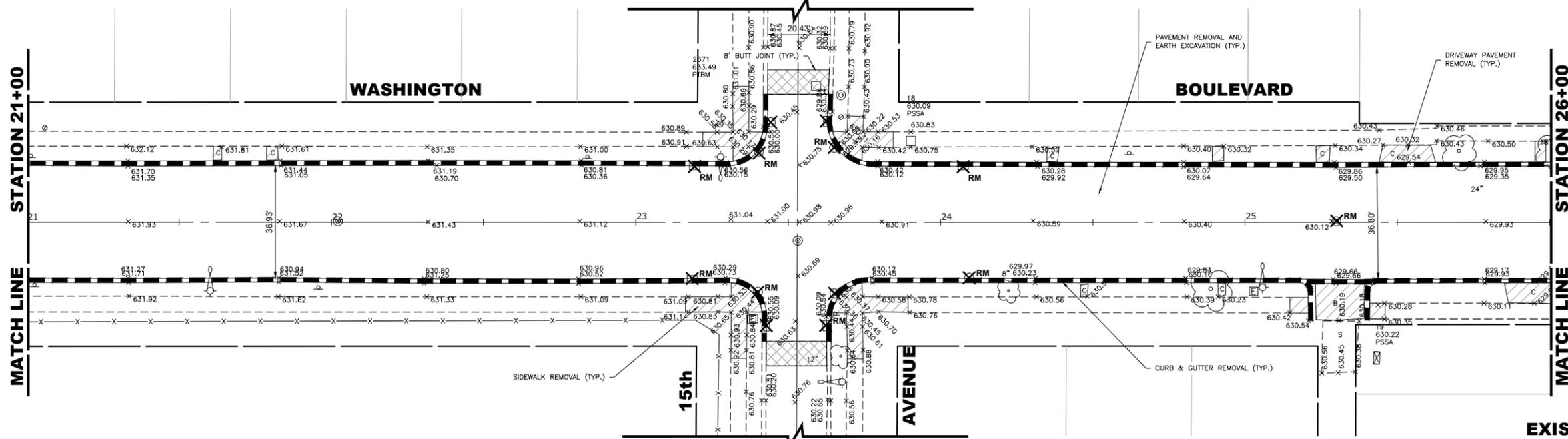
WASHINGTON BOULEVARD
PLAN AND PROFILE

SCALE: 1" = 20'
 SHEET NO. 5 OF 11 SHEETS
 STA. 16+00 TO STA. 21+00

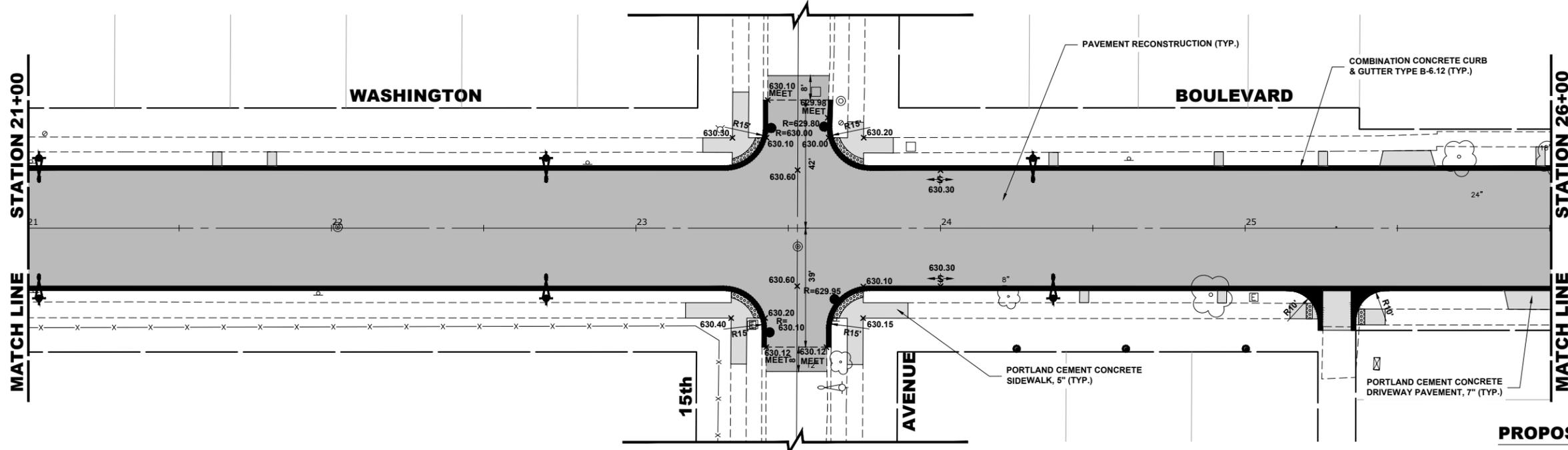
MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 23
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

E.H.E. PROJECT NO. 655-19-23101

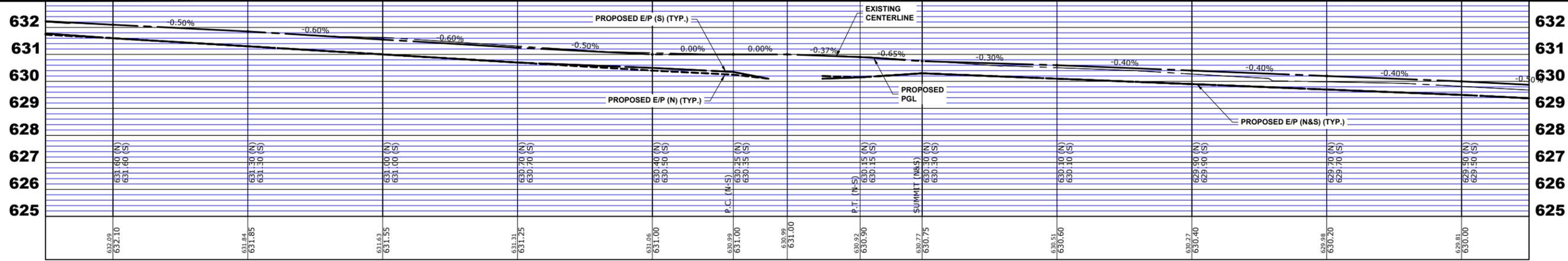
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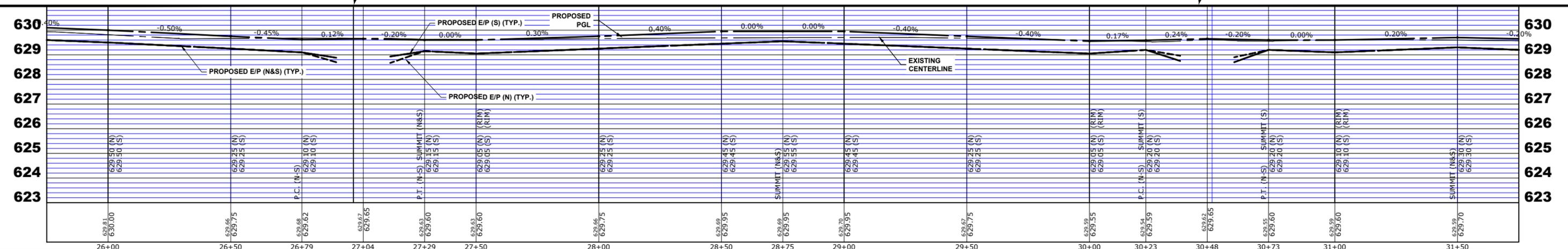
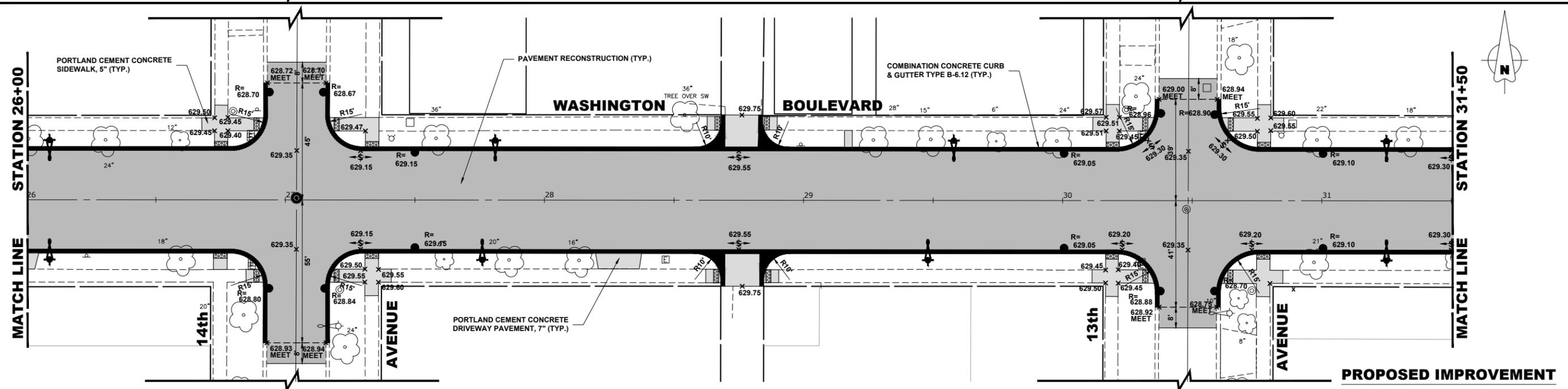
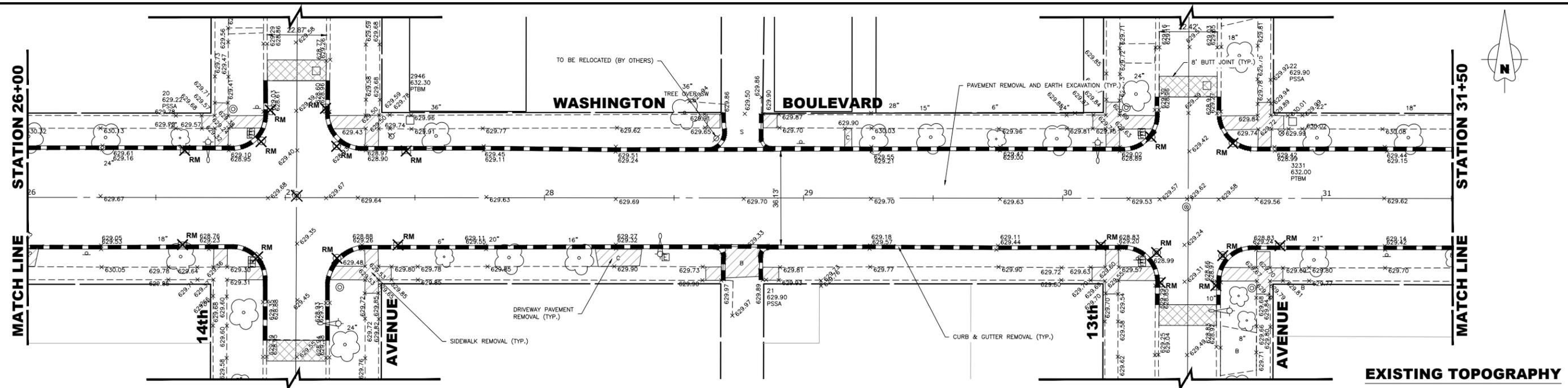
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 PLAN AND PROFILE**
 SCALE: 1" = 20'
 SHEET NO. 6 OF 11 SHEETS
 STA. 21+00 TO STA. 26+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 24
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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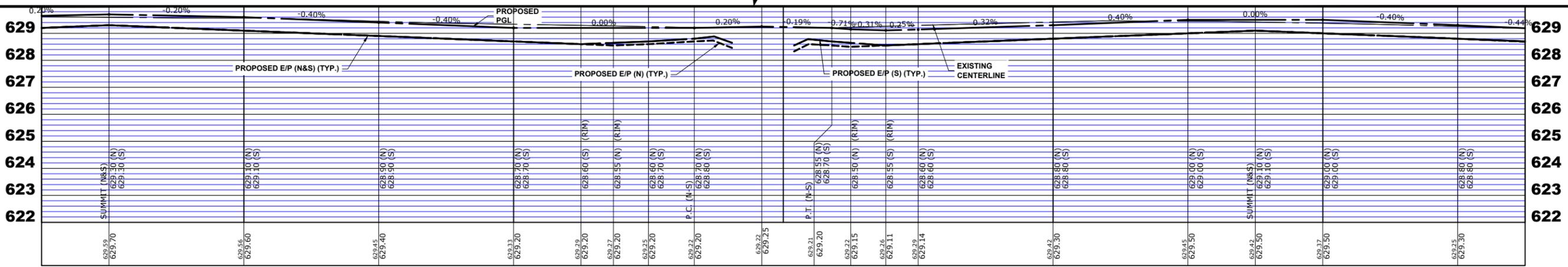
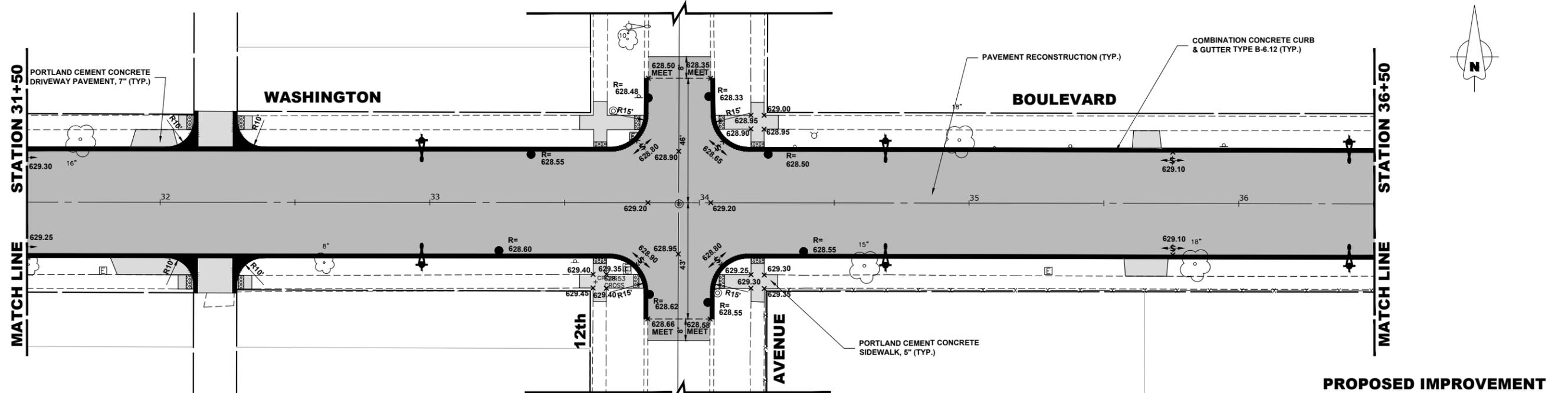
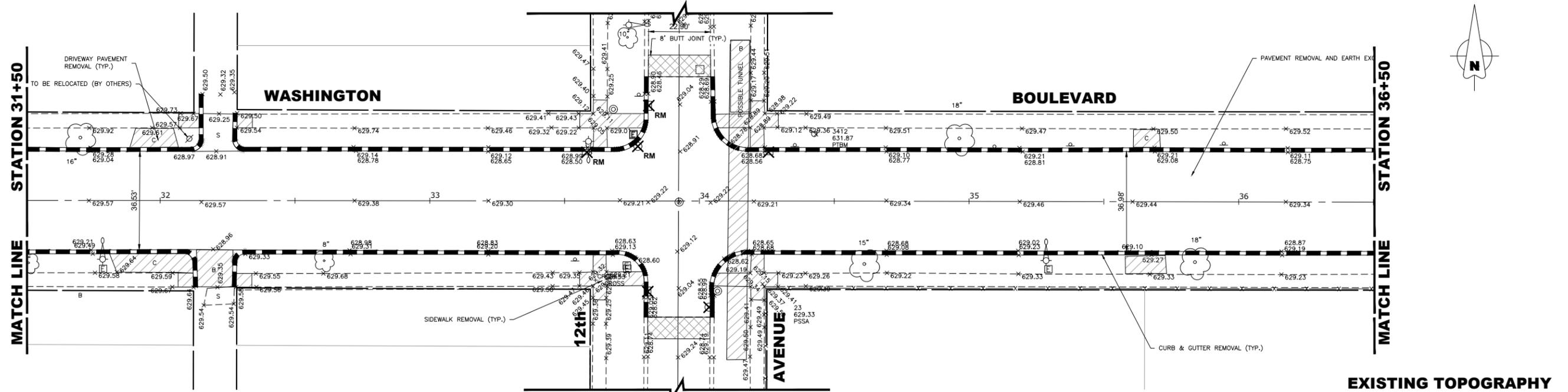
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 PLAN AND PROFILE**

SCALE: 1" = 20'
 SHEET NO. 7 OF 11 SHEETS
 STA. 26+00 TO STA. 31+50

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 25
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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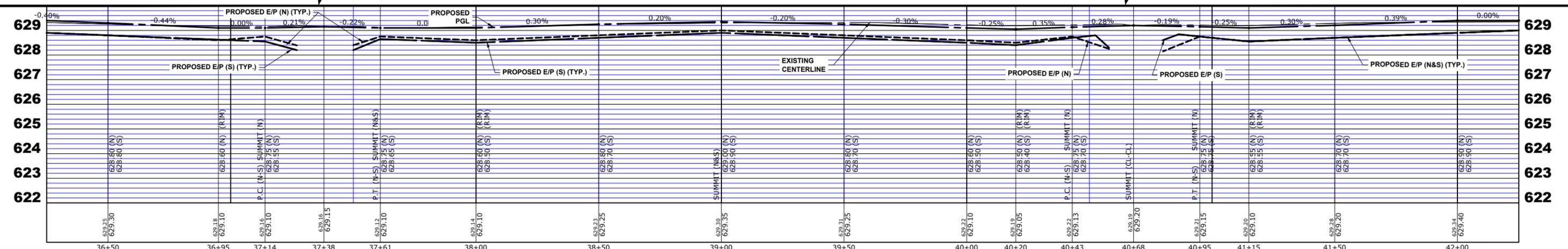
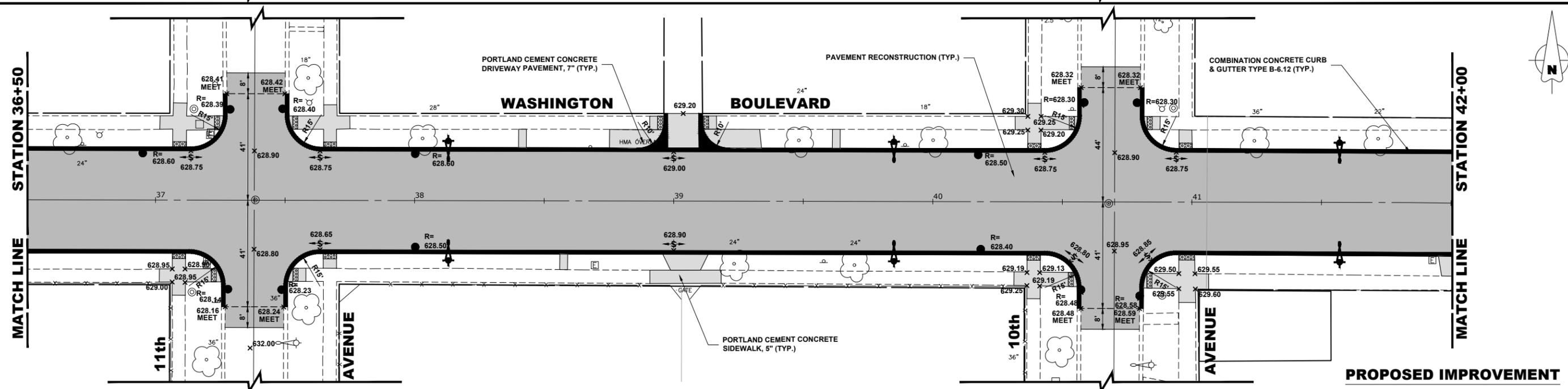
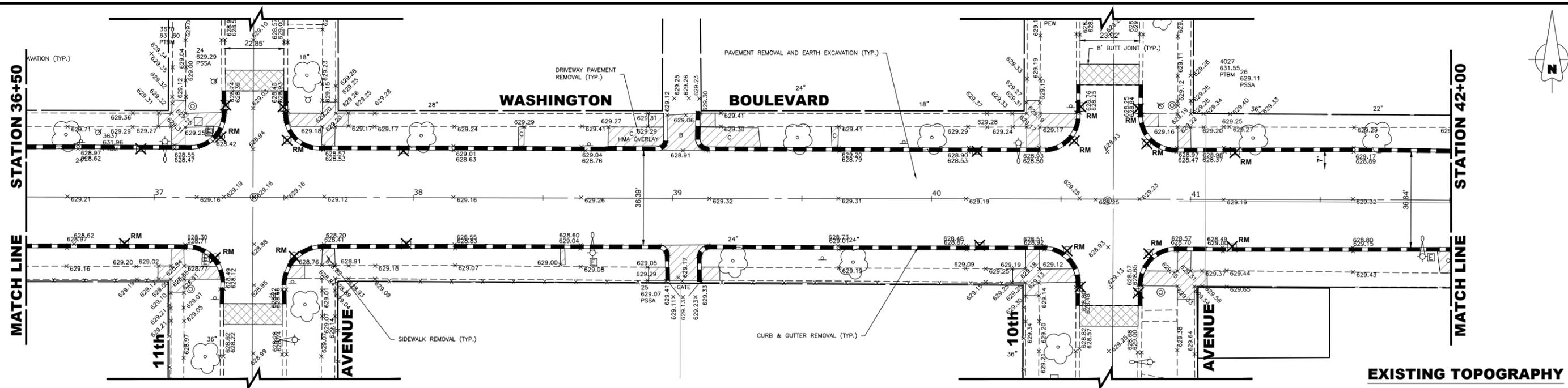
STATE OF ILLINOIS
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WASHINGTON BOULEVARD
PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET NO. 8 OF 11 SHEETS
 STA. 31+50 TO STA. 36+50

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 26
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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DATE - 8-8-22	REVISED -

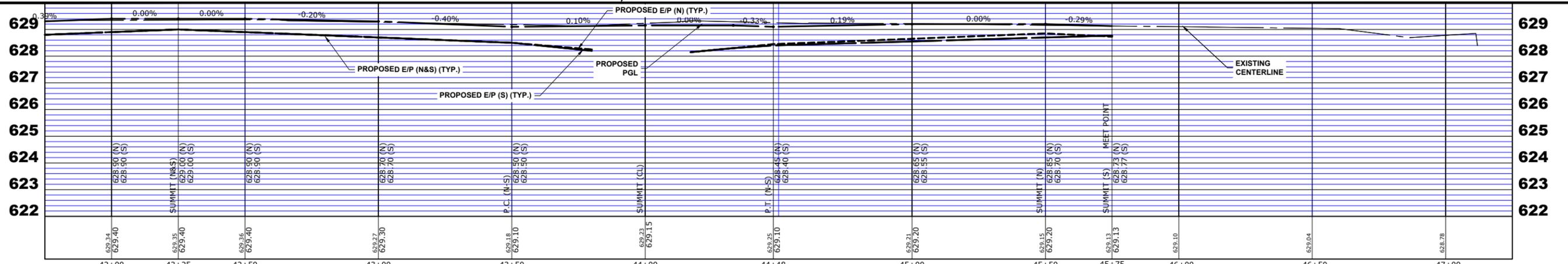
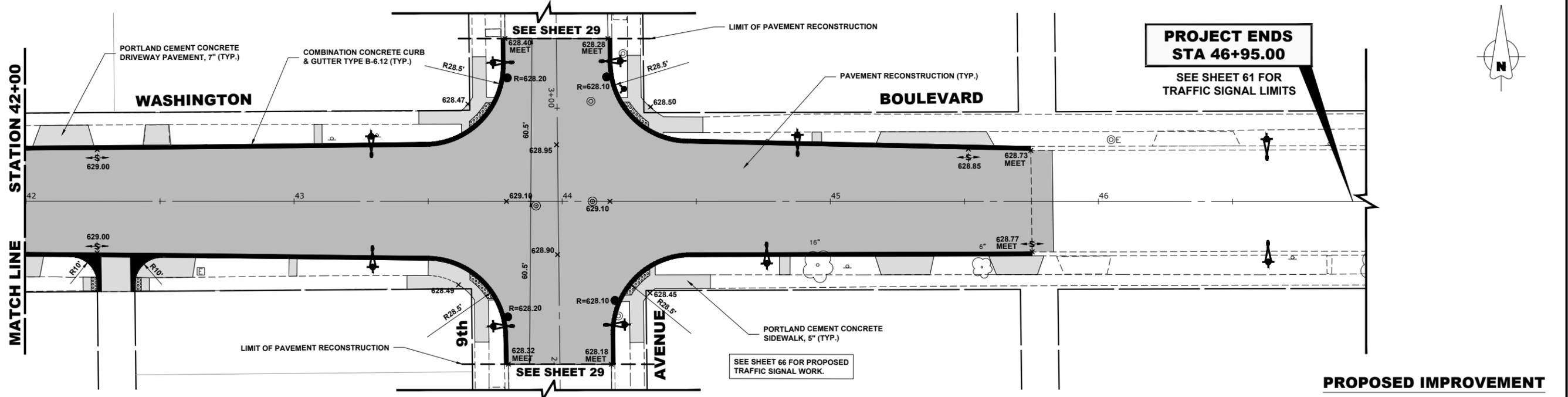
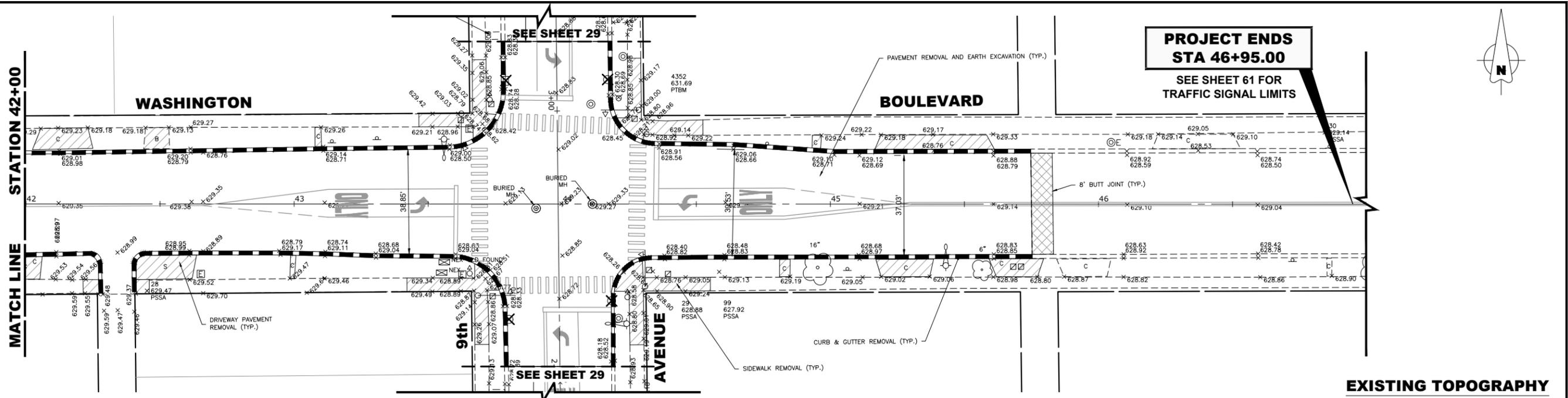
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 PLAN AND PROFILE**
 SCALE: 1" = 20'
 SHEET NO. 9 OF 11 SHEETS
 STA. 36+50 TO STA. 42+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 27
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

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DATE - 9-16-22	REVISED -

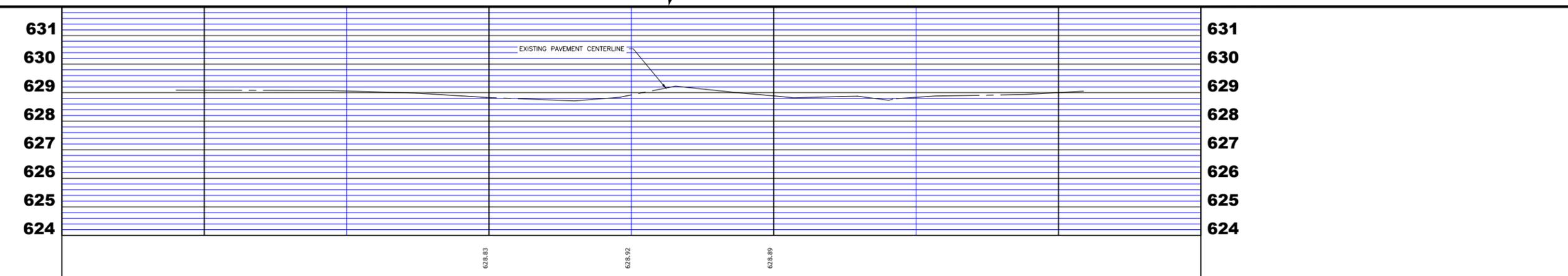
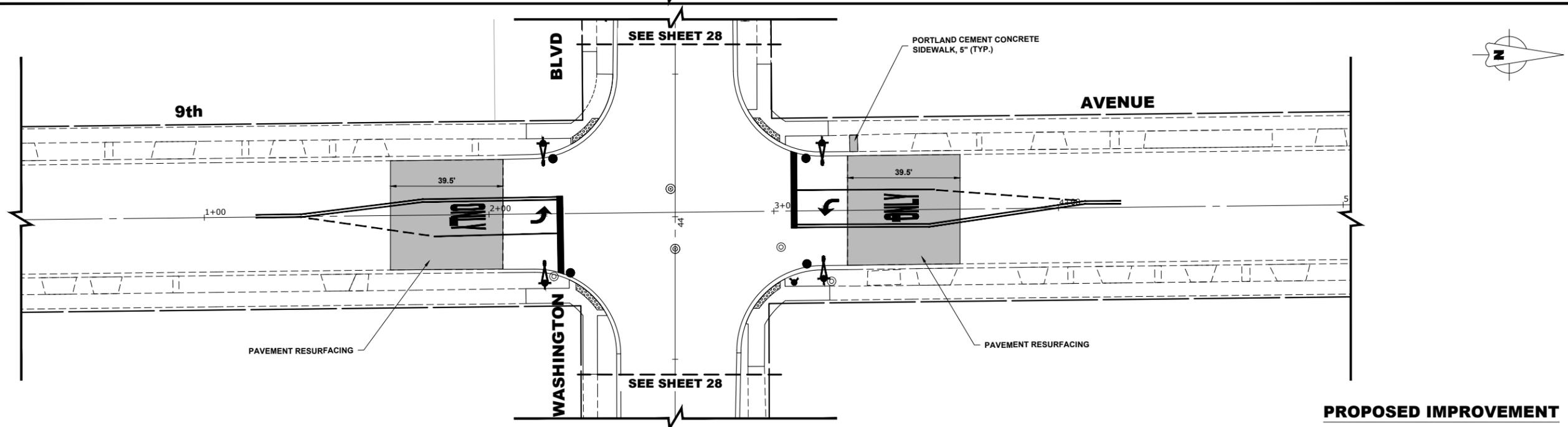
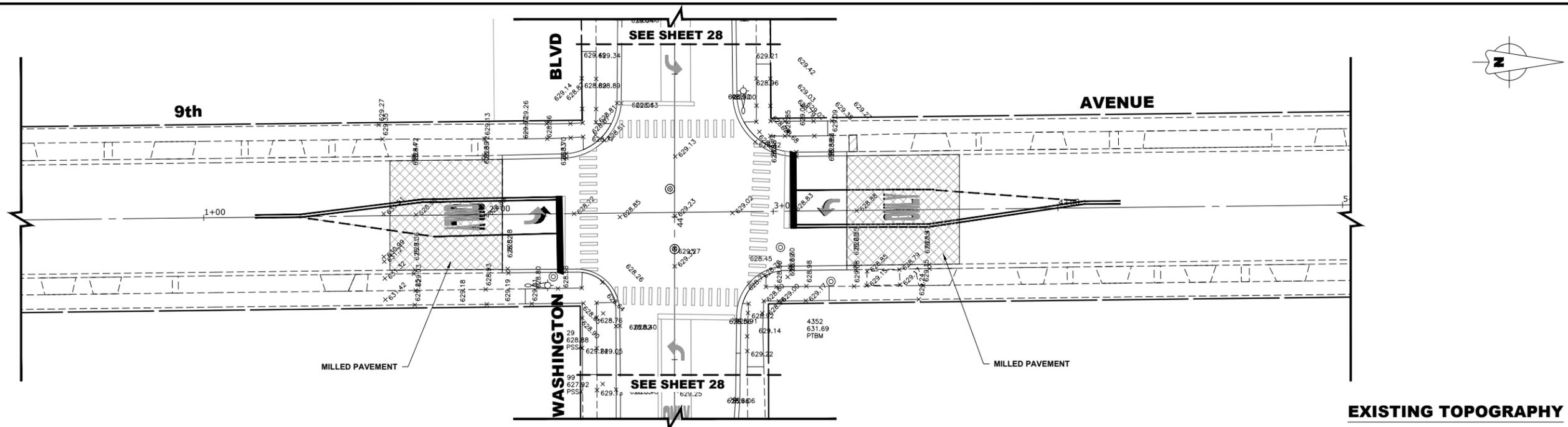
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
PLAN AND PROFILE**

SCALE: 1" = 20'
 SHEET NO. 10 OF 11 SHEETS
 STA. 42+00 TO STA. 47+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 28
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 655-19-23101



Drawing file: W:\Projects_by_Village\Weywood\56519231 - Washington Blvd - Ph II\Site\Washington_Bldg_Ph_II.dwg Sep 16, 2022 - 1:01pm

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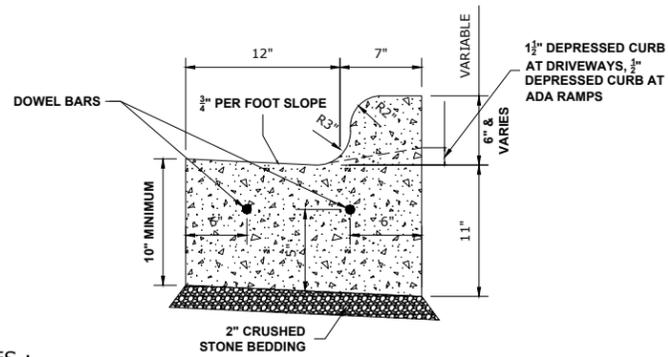
DESIGNED - SBC	REVISED -
DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 9-16-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WASHINGTON BOULEVARD
PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET NO. 11 OF 11 SHEETS
 STA. 0+00 TO STA. 4+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 29
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

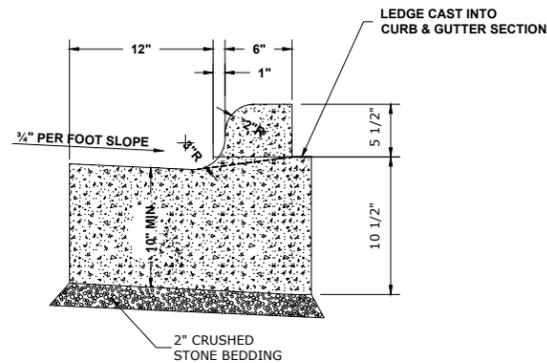
E.H.E. PROJECT NO. 665-19-23101



NOTES :

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

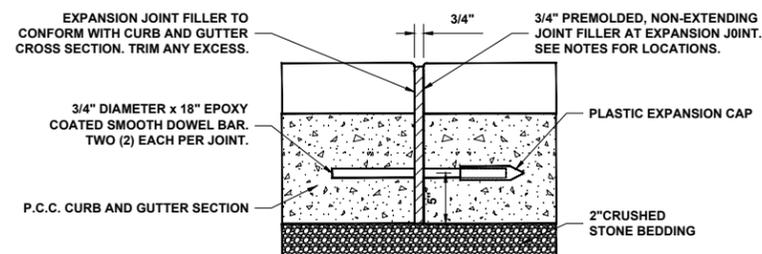
**COMBINATION CONCRETE CURB & GUTTER
TYPE B-6.12**



NOTES :

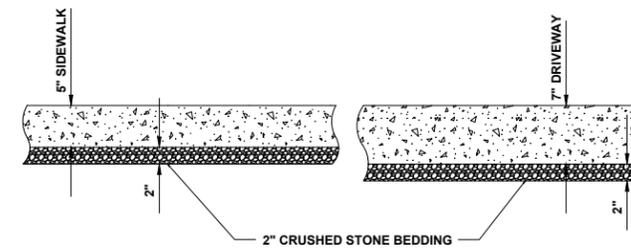
1. PROVIDE 2 - 3/4" DIAMETER, 18" LONG EPOXY COATED SMOOTH BARS WITH PLASTIC EXPANSION CAPS AT EACH EXPANSION JOINT.
2. CONTRACTION JOINT - 2" DEEP CONTRACTION JOINTS SHALL BE SAWED AT EQUAL SPACES (NOT EXCEEDING 15 FEET) BETWEEN NORMAL EXPANSION JOINTS, IN THE UPPER 1/3 OF CURB & GUTTERS WITHIN 24 HOURS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

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

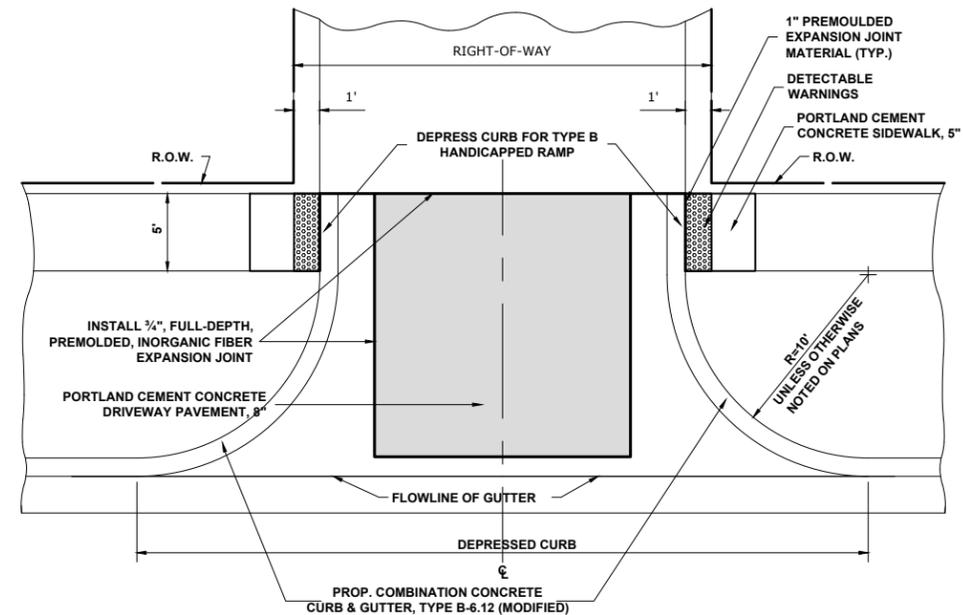


NOTE:
1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL P.C.'S & P.T.'S OF INTERSECTION RETURNS AND ALL OTHER SHORT RADIUS SECTIONS, CONSTRUCTION JOINTS, EVERY 50' ON TANGENT SECTIONS, AND AS DIRECTED BY THE ENGINEER.

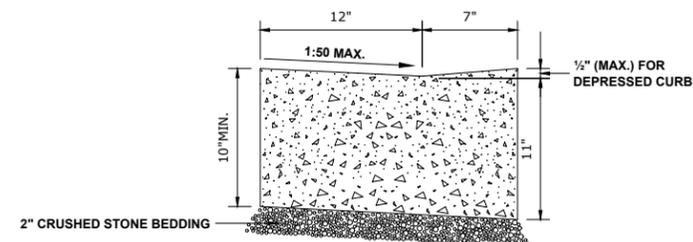
**TYPICAL CURB AND GUTTER
EXPANSION JOINT**



**TYPICAL P.C.C. SIDEWALK AND
DRIVEWAY DETAIL**



CONCRETE ALLEY RETURN DETAIL



CURB AND GUTTER AT A.D.A. RAMPS

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CHECKED -	WOP	REVISED -
DATE -	8-8-22	REVISED -

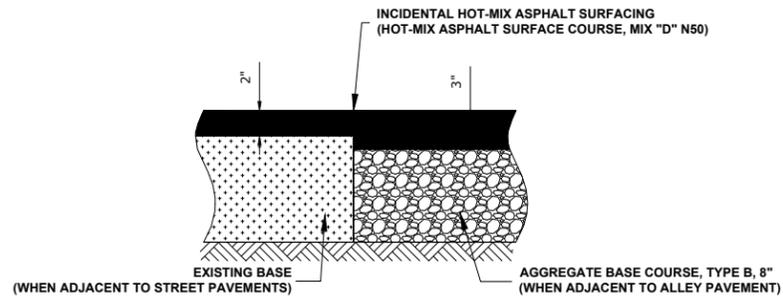
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS

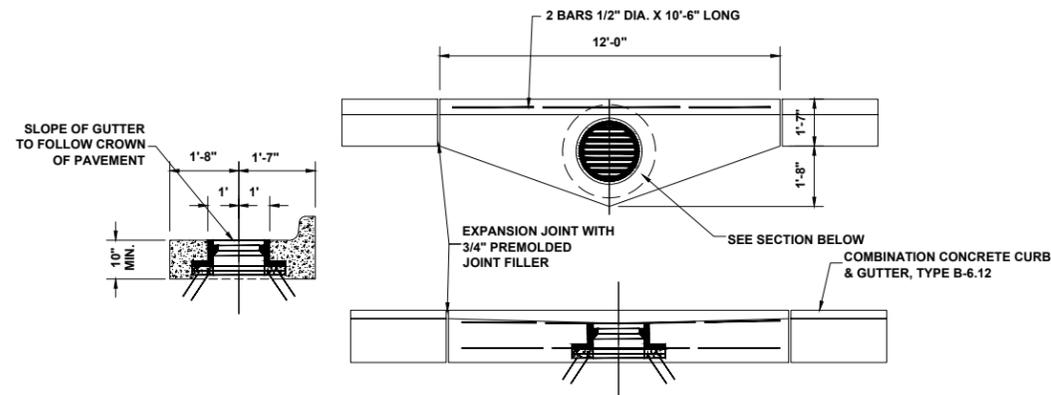
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	30
FIELD BOOK NO. : -			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

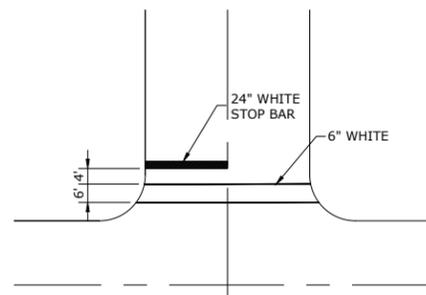
E.H.E. PROJECT NO. 565-19-23101



INCIDENTAL HOT-MIX ASPHALT SURFACING



GUTTER DETAIL AT DRAINAGE STRUCTURE



TYPICAL CROSSWALK & STOP BAR

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DATE -	8-8-22	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	31
FIELD BOOK NO. : -			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

LEGEND OF SYMBOLS					
SYMBOL	DESCRIPTION	CODE & SIZE	SYMBOL	DESCRIPTION	CODE & SIZE
RA		M6-1(0) 21"x15"	KR	KEEP RIGHT 	R4-8a 24"x30"
LA		M6-1(0) 21"x15"	KL	KEEP LEFT 	R4-8a 24"x30"
RCA		W20-3 48"x48"	WW	WRONG WAY 	R5-1a 36"x24"
RWA		W20-1103 48"x48"	OWL	ONE WAY 	R6-1 24"x30"
WB	Washington Boulevard	SPECIAL 24"x 18" VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND	OWR	ONE WAY 	R6-1 24"x30"
DNE		R5-1 30"x30"	BOW	BEGIN ONE WAY 	R6-6 24"x30"
RC	ROAD CLOSED 	R11-2 48"x30"	EOW	END ONE WAY 	R6-7 24"x30"
RAL		W1-6R(0) 60"x30"	SC	SIDEWALK CLOSED 	R11-1102 24"x30"
LAL		W1-6L(0) 60"x30"	LS		W1-3L(0) 48"x48"
S	STOP 	R1-1 30"x30"	WP		W21-1 36"x36"
NLT		R3-2 24"x24"	WZ	WORK ZONE 	G20-5aP 24"x18"
NRT		R3-2 24"x24"	20	SPEED LIMIT 20 	R2-1 24"x30"
			250	\$250 FINE 	R2-6bP 24"x18"

NOTES:

CONTRACTOR MUST INSTALL ALL CHANGEABLE MESSAGE SIGNS, INFORMING THE PUBLIC OF THE DETOUR, AT LEAST ONE WEEK PRIOR TO THE ROADWAY CLOSURE.

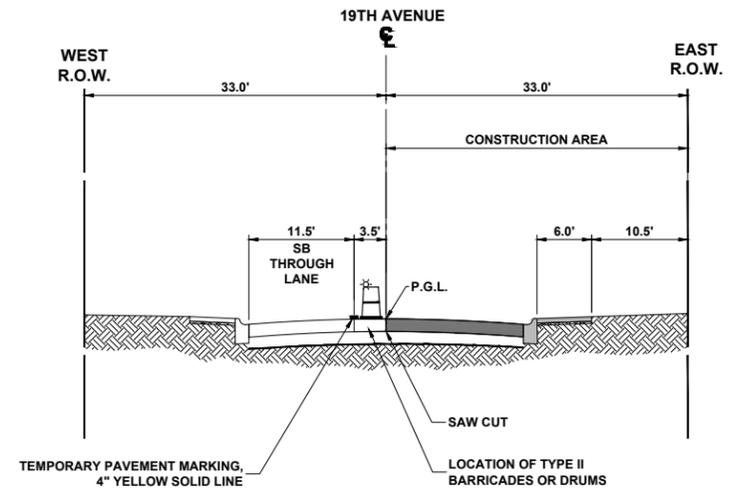
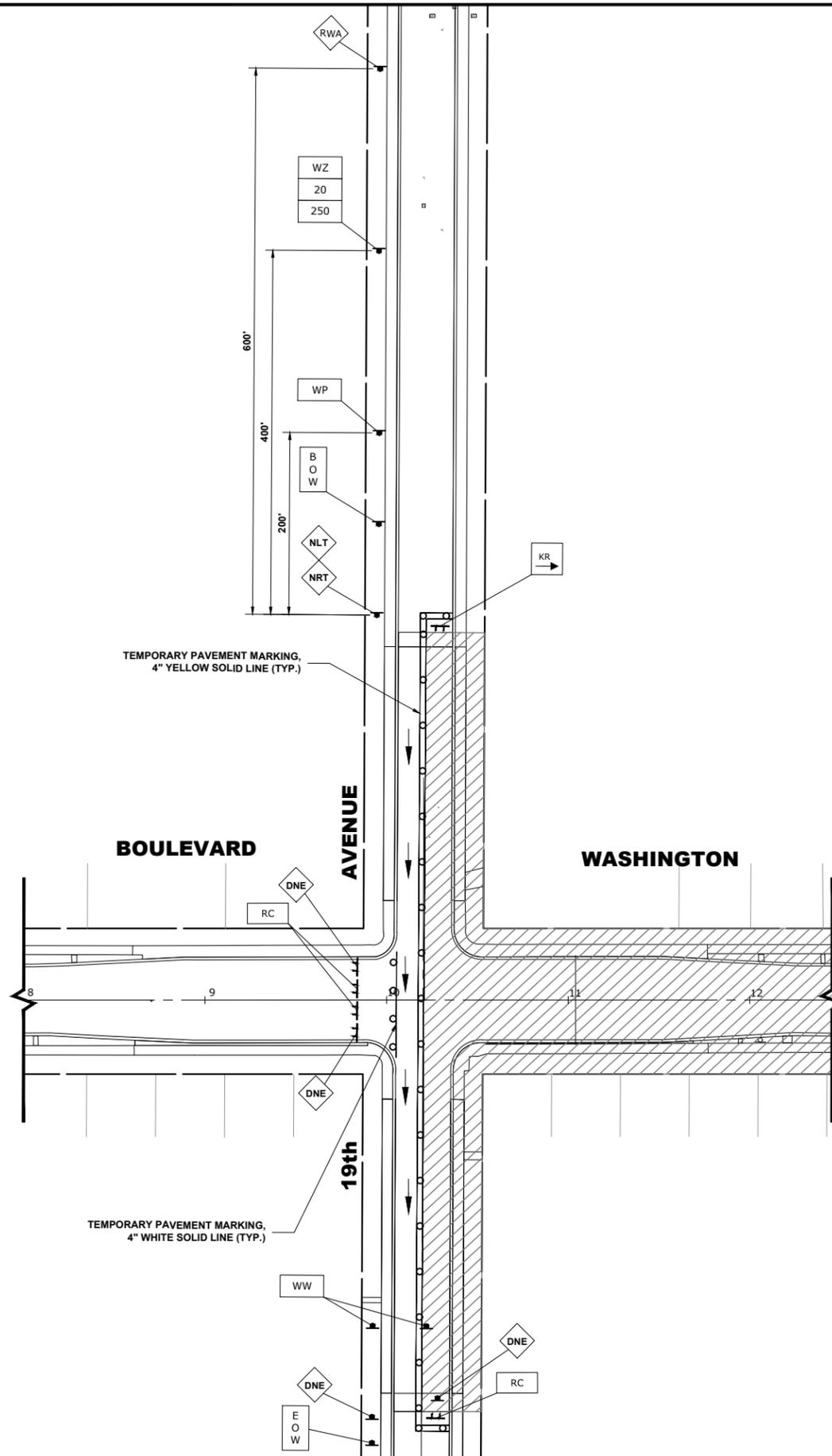
CONTRACTOR MUST NOTIFY IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847)705-4470, SEVENTY-TWO HOURS IN ADVANCE OF SETTING UP DETOUR ROUTE.

STAGE 1 CONSTRUCTION

1. THE ENTIRE SECTION BETWEEN 19TH AVENUE AND 15TH AVENUE WILL BE CLOSED TO TRAFFIC SO THAT WASHINGTON BOULEVARD CAN BE CONSTRUCTED WITHOUT INTERRUPTION.
2. CONSTRUCTION EAST AND WEST OF THIS SECTION WILL ALSO BE PERFORMED DURING THIS STAGE OF THE PROJECT WITH SPECIAL ATTENTION PAID TO THE SECTION OF WASHINGTON BOULEVARD BETWEEN 13TH AVENUE AND 10TH AVENUE. WASHINGTON DUAL LANGUAGE ACADEMY IS LOCATED ON THE NORTH SIDE OF WASHINGTON BOULEVARD BETWEEN 12TH AVENUE AND 11TH AVENUE, SO THE CONTRACTOR IS TO AVOID THE SECTION OF WASHINGTON BOULEVARD BETWEEN 13TH AVENUE AND 10TH AVENUE WHILE SCHOOL IS IN SESSION.
3. ONCE THE SUMMER BREAK BEGINS, TYPICALLY JUNE 1ST THROUGH AUGUST 15TH, THE CONTRACTOR SHALL PRIORITIZE THE WORK IN THE SECTION NEAR THE SCHOOL (13TH - 10TH).
4. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS. THE REPLACEMENT OF ALL CONCRETE ITEMS SHALL OCCUR ON ONE SIDE OF A BLOCK AT A TIME.
5. ALL THE RESIDENTIAL DRIVEWAYS ARE TO BE OPENED THROUGHOUT CONSTRUCTION FOR TRAFFIC OR AS DIRECTED BY THE ENGINEER AND PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE).
6. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EARTH EXCAVATION AS NECESSARY AND PERFORMING ALL THE PROPOSED PAVEMENT WORK ALONG WASHINGTON BOULEVARD AND 19TH AVENUE.
7. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING PREPARATION, AND PLACEMENT OF NEW PAVEMENT, AND SHALL BE PAID FOR AS TEMPORARY ACCESS (ROAD).
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING STONE AND ASPHALT MUST BE MAINTAINED THROUGHOUT THIS STAGE.

STAGE 2A CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS. THE REPLACEMENT OF ALL CONCRETE ITEMS SHALL OCCUR ON ONE SIDE OF A BLOCK AT A TIME.
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5. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING STONE AND ASPHALT MUST BE MAINTAINED THROUGHOUT THIS STAGE.



TYPICAL SECTION DURING STAGE 2A CONSTRUCTION

TT = TYPE III BARRICADE

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DATE -	10-3-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN

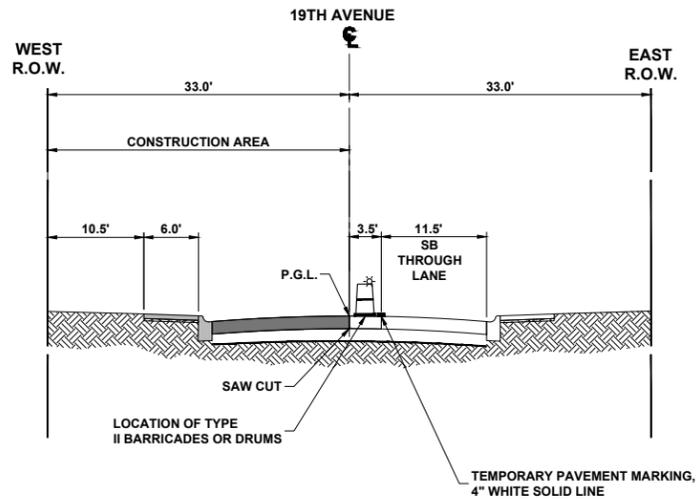
SCALE: SHEET NO. OF 2 SHEETS STA. 8+00 TO STA. 12+50

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	33
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

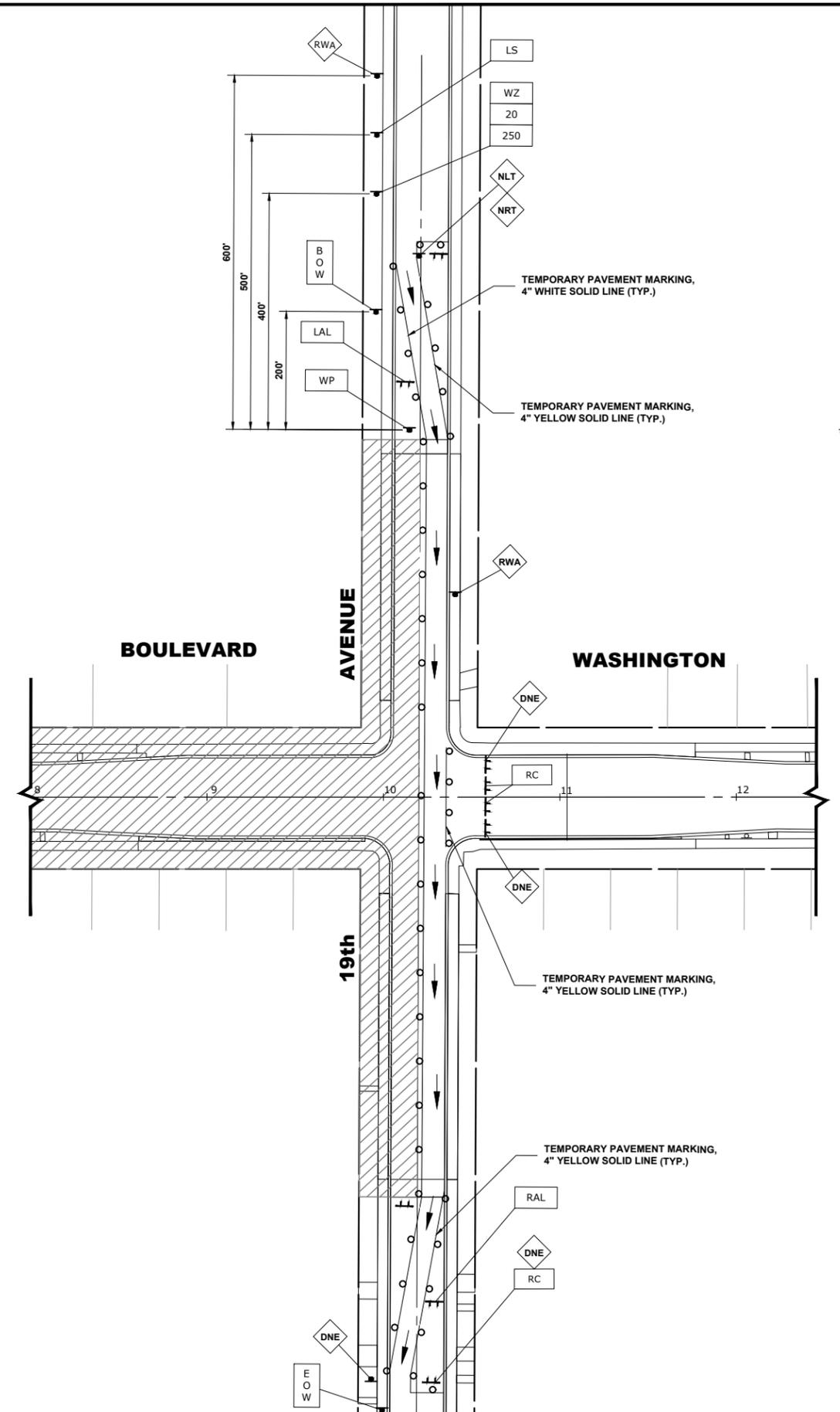
STAGE 2B CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS. THE REPLACEMENT OF ALL CONCRETE ITEMS SHALL OCCUR ON ONE SIDE OF A BLOCK AT A TIME.
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4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING PREPARATION, AND PLACEMENT OF NEW PAVEMENT, AND SHALL BE PAID FOR AS TEMPORARY ACCESS (ROAD).
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TYPICAL SECTION DURING STAGE 2B CONSTRUCTION

TT = TYPE III BARRICADE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
 SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 8+00 TO STA. 12+50

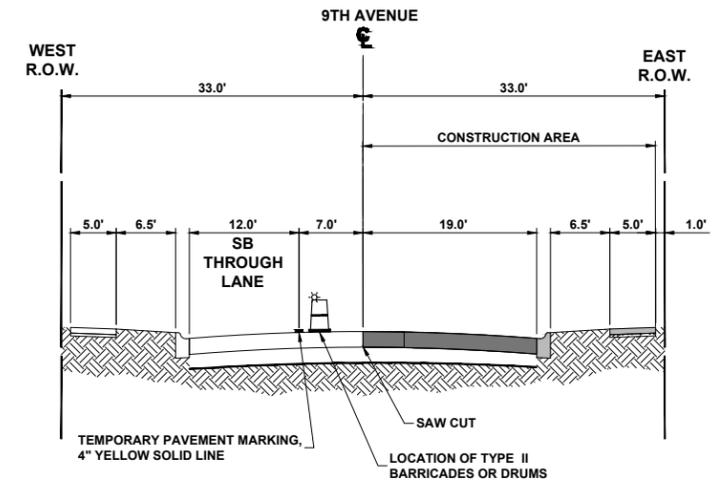
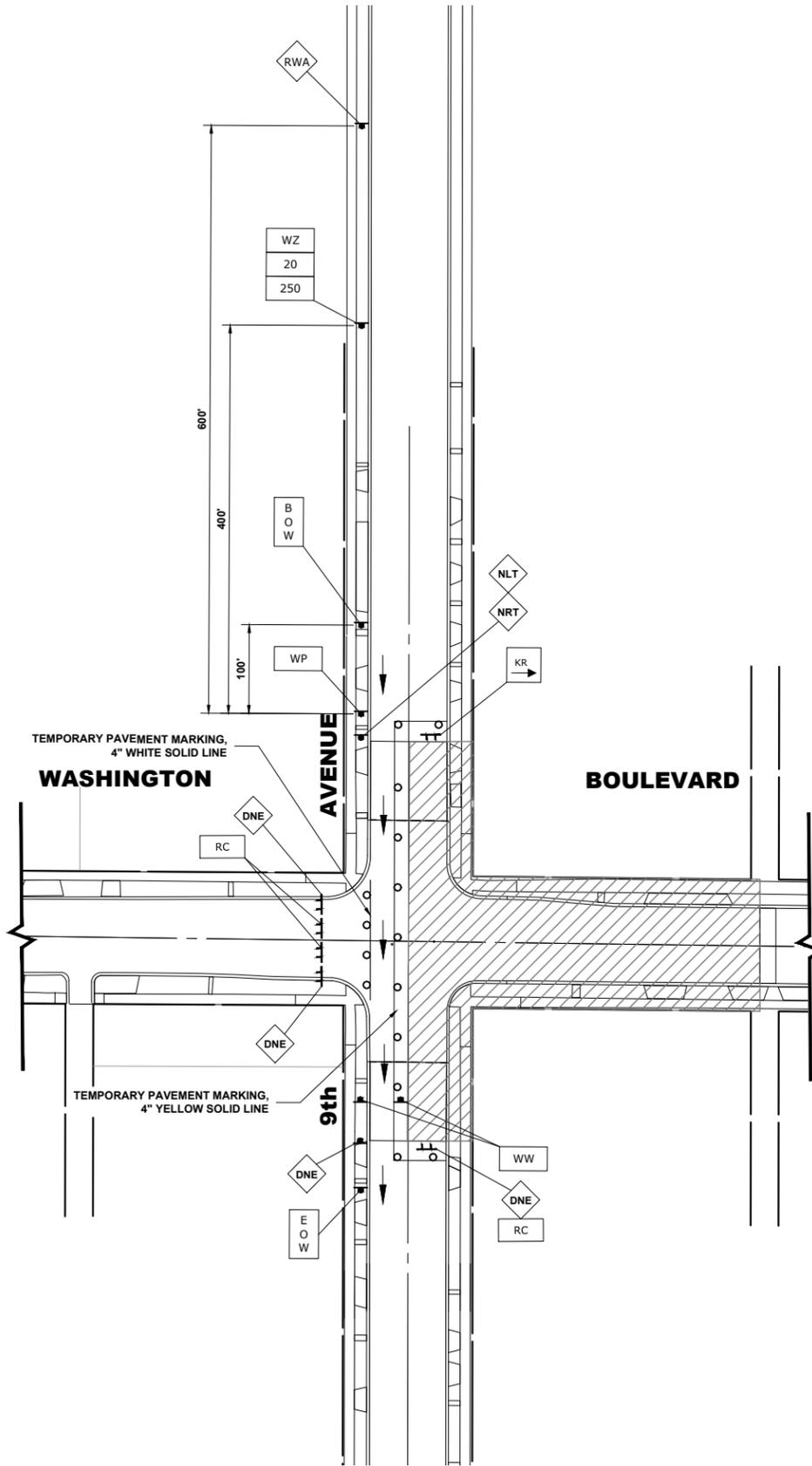
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	34
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

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STAGE 3A CONSTRUCTION

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AND ROADWAY AS INDICATED ON THE PROPOSED PAVEMENT AND UTILITY PLANS. THE REPLACEMENT OF ALL CONCRETE ITEMS SHALL OCCUR ON ONE SIDE OF A BLOCK AT A TIME.
2. ALL THE RESIDENTIAL DRIVEWAYS ARE TO BE OPENED THROUGHOUT CONSTRUCTION FOR TRAFFIC OR AS DIRECTED BY THE ENGINEER AND PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE).
3. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EARTH EXCAVATION AS NECESSARY AND PERFORMING ALL THE PROPOSED PAVEMENT WORK ALONG WASHINGTON BOULEVARD AND 9TH AVENUE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING PREPARATION, AND PLACEMENT OF NEW PAVEMENT, AND SHALL BE PAID FOR AS TEMPORARY ACCESS (ROAD).
5. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING STONE AND ASPHALT MUST BE MAINTAINED THROUGHOUT THIS STAGE.



TYPICAL SECTION DURING STAGE 3A CONSTRUCTION

TT = TYPE III BARRICADE



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN

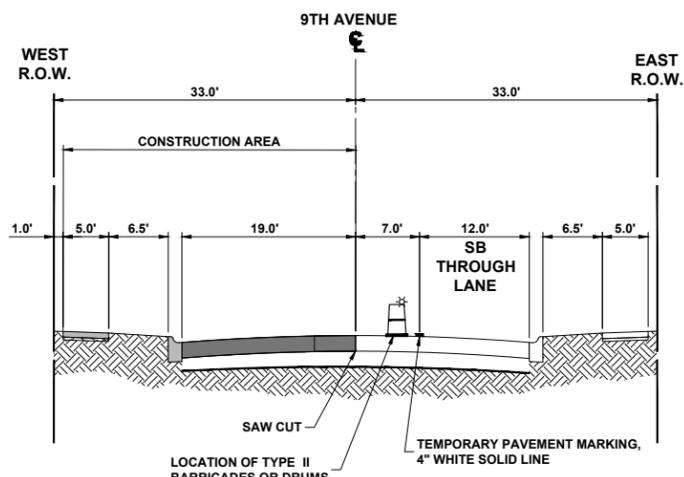
SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 42+25 TO STA. 45+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	35
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

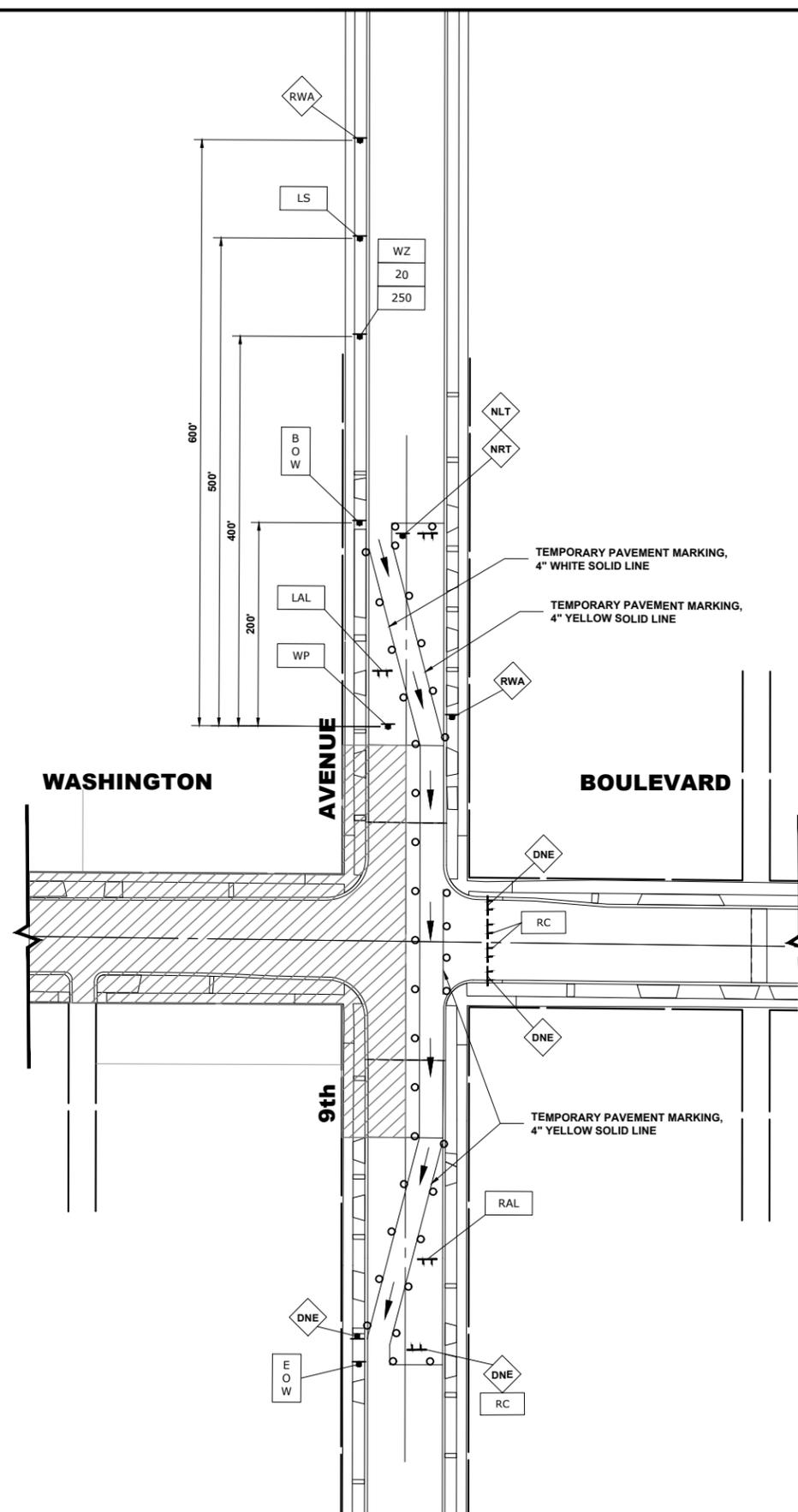
STAGE 3B CONSTRUCTION

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TYPICAL SECTION DURING STAGE 3B CONSTRUCTION

TT = TYPE III BARRICADE



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC PLAN

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 42+25 TO STA. 45+75

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	36
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

Drawing file: W:\Projects_by_Village\Maywood\Maywood\Detour.dwg Oct 03, 2022 - 11:17am



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DATE - 10-3-22

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
STAGE 1
SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	37
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION	CODE & SIZE
1	ROAD CLOSED AHEAD	W20-3 48"x48"
2	DETOUR AHEAD	W20-2 48"x48"
3	WEST	M3-1 24"x12"
4	EAST	M3-1 24"x12"
5	NORTH	M3-1 24"x12"
6	SOUTH	M3-1 24"x12"
7	Washington Boulevard	M4-8 36"x12"
8	19th Avenue	M4-8 36"x12"
9	9th Avenue	M4-8 36"x12"
10	END DETOUR	M4-8 24"x18"
11	DETOUR (up arrow)	M4-9 30"x24"
12	DETOUR (right arrow)	M4-9 30"x24"
13	DETOUR (left arrow)	M4-9 30"x24"
14	DETOUR (right curve)	M4-9R 24"x30"
15	DETOUR (left curve)	M4-9L 24"x30"
16	ROAD CLOSED	R11-4 60"x30"
17	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
18	PEDESTRIAN	W6-3 36"x36"
19	NO PARKING	R5-1 30"x30"
20	DETOUR (right arrow)	M4-10R 48"x18"
21	ROAD CLOSED 500FT	W20-3 36"x36"
22	DETOUR (left arrow)	M4-10L 48"x18"
23	ONE WAY (left arrow)	R6-1 24"x30"
24	ONE WAY (right arrow)	R6-1 24"x30"
25	END ONE WAY	R6-7 24"x30"

NOTES:

- ALL LOCAL DETOURS SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.
- THE TWO (2) CHANGEABLE MESSAGE SIGNS ARE TO BE ONSITE AND FUNCTIONING FOR 2 WEEKS PRIOR TO ROAD CLOSURE.
- WASHINGTON BOULEVARD TO BE DETOURED.
- 19TH AVENUE TO REMAIN OPEN.
- TEMPORARY ACCESS TO RESIDENTIAL DRIVEWAYS REQUIRED AT 21ST AVENUE, AND BETWEEN 15TH AVENUE AND 9TH AVENUE.
- TEMPORARY ACCESS ALONG 12TH AVENUE AND 11TH AVENUE TO BE MAINTAINED AT ALL TIMES WHEN SCHOOL IS IN SESSION
- ALTHOUGH NOT SHOWN ALL ONE WAY CROSS STREETS TO BE CONVERTED TO TEMPORARY TWO-WAY TRAFFIC WITH NO PARKING SIGNAGE INSTALLED 50' FROM THE CONSTRUCTION ZONE ON WASHINGTON BLVD. ON NORTH AND SOUTH SIDES. EXISTING ONE-WAY SIGNS TO BE COVERED.
- CONSTRUCTION AT 13TH AND 14TH AVENUE SHALL BE SEQUENCED TO MAINTAIN NORTH-SOUTH ACCESSIBILITY FOR EMERGENCY VEHICLES AT ALL TIMES.



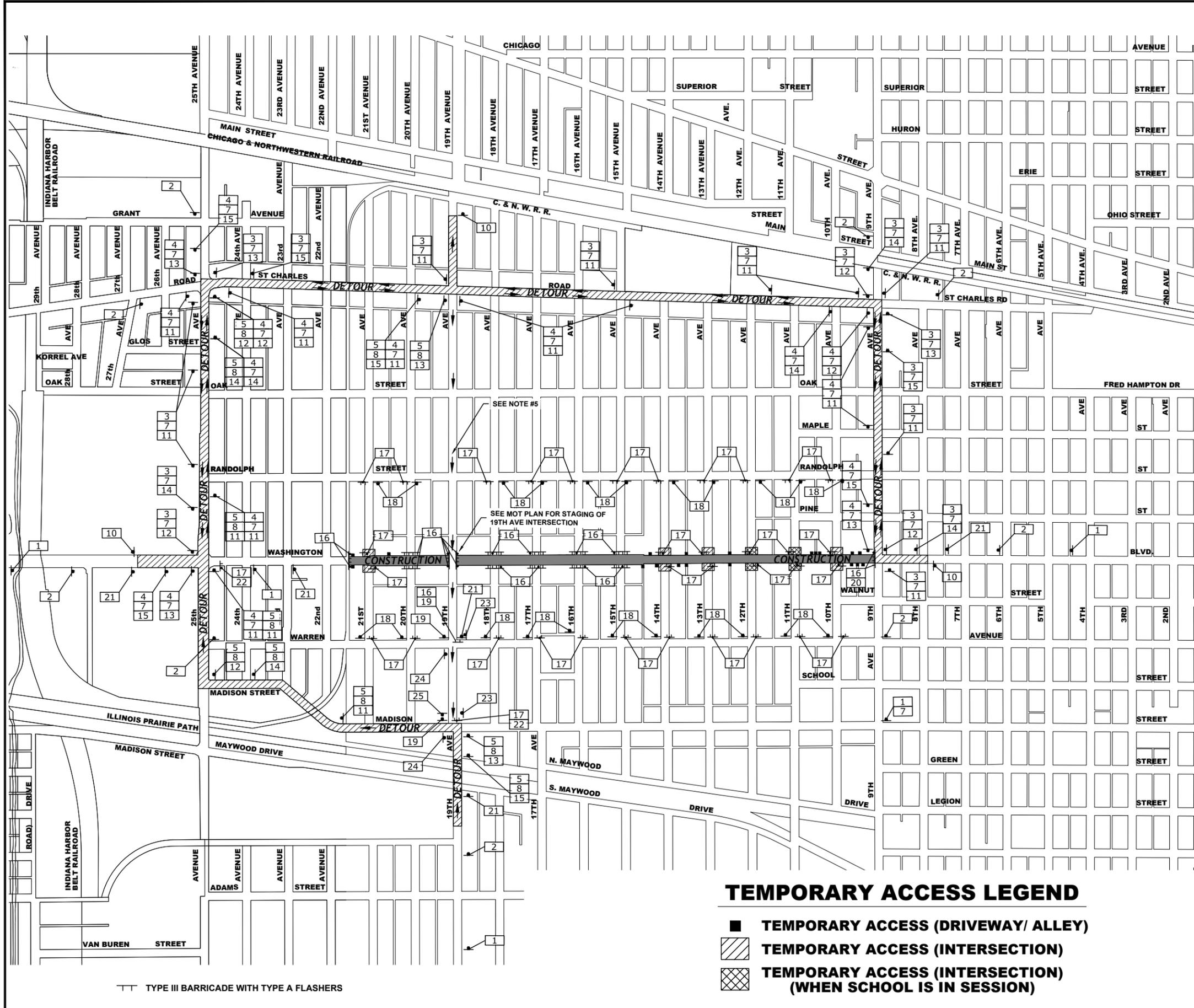
TEMPORARY ACCESS LEGEND

- TEMPORARY ACCESS (DRIVEWAY/ ALLEY)
- ▨ TEMPORARY ACCESS (INTERSECTION)
- ▩ TEMPORARY ACCESS (INTERSECTION) (WHEN SCHOOL IS IN SESSION)

TT TYPE III BARRICADE WITH TYPE A FLASHERS

E.I.E. PROJECT NO. 965-19-23101

Drawing file: W:\Projects_by_Village\Waywood\Waywood_Detour.dwg Oct 03, 2022 - 11:17am



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.
3. WASHINGTON BOULEVARD IS TO BE DETOURED.
4. TEMPORARY ACCESS TO RESIDENTIAL DRIVEWAYS REQUIRED AT 21ST AVENUE, AND BETWEEN 15TH AVENUE AND 9TH AVENUE.
5. NORTHBOUND 19TH AVENUE TRAFFIC IS TO BE DETOURED. 19TH AVENUE TO REMAIN OPEN TO SOUTH BOUND TRAFFIC.
6. ALL ONE WAY CROSS STREETS TO BE CONVERTED TO TEMPORARY TWO-WAY TRAFFIC WITH NO PARKING SIGNAGE INSTALLED 50' FROM THE CONSTRUCTION ZONE ON WASHINGTON BLVD. ON NORTH AND SOUTH SIDES. EXISTING ONE-WAY SIGNS TO BE COVERED.
7. STAGE 2 DETOUR TO BEGIN NO EARLIER THAN 6 WEEKS PRIOR TO COMPLETION OF STAGE 1 DETOUR. STAGE 2 AND STAGE 3 DETOURS MUST BE COMPLETED INDIVIDUALLY, NOT CONCURRENTLY.
8. CONSTRUCTION AT 13TH AND 14TH AVENUE SHALL BE SEQUENCED TO MAINTAIN NORTH-SOUTH ACCESSIBILITY FOR EMERGENCY VEHICLES AT ALL TIMES.

LEGEND OF SYMBOLS		
SYMBOL	DESCRIPTION	CODE & SIZE
1	ROAD CLOSED AHEAD	W20-3 48"x48"
2	DETOUR AHEAD	W20-2 48"x48"
3	WEST	M3-1 24"x12"
4	EAST	M3-1 24"x12"
5	NORTH	M3-1 24"x12"
6	SOUTH	M3-1 24"x12"
7	Washington Boulevard	M4-8 36"x12"
8	19th Avenue	M4-8 36"x12"
9	9th Avenue	M4-8 36"x12"
10	END DETOUR	M4-8 24"x18"
11	DETOUR (Up Arrow)	M4-9 30"x24"
12	DETOUR (Right Arrow)	M4-9 30"x24"
13	DETOUR (Left Arrow)	M4-9 30"x24"
14	DETOUR (Down Arrow)	M4-9R 24"x30"
15	DETOUR (U-Turn Arrow)	M4-9L 24"x30"
16	ROAD CLOSED	R11-4 60"x30"
17	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
18	Two Pedestrians	W6-3 36"x36"
19	One Pedestrian	R5-1 30"x30"
20	DETOUR (Right Arrow)	M4-10R 48"x18"
21	ROAD CLOSED 500FT	W20-3 36"x36"
22	DETOUR (Left Arrow)	M4-10L 48"x18"
23	ONE WAY (Left Arrow)	R6-1 24"x30"
24	ONE WAY (Right Arrow)	R6-1 24"x30"
25	END ONE WAY	R6-7 24"x30"

TEMPORARY ACCESS LEGEND

- TEMPORARY ACCESS (DRIVEWAY/ ALLEY)
- ▨ TEMPORARY ACCESS (INTERSECTION)
- ▩ TEMPORARY ACCESS (INTERSECTION) (WHEN SCHOOL IS IN SESSION)

TT TYPE III BARRICADE WITH TYPE A FLASHERS



CM Engineers
Municipal Consultants
Established 1911

DESIGNED -	SBC	REVISED -	
DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	10-3-22	REVISED -	

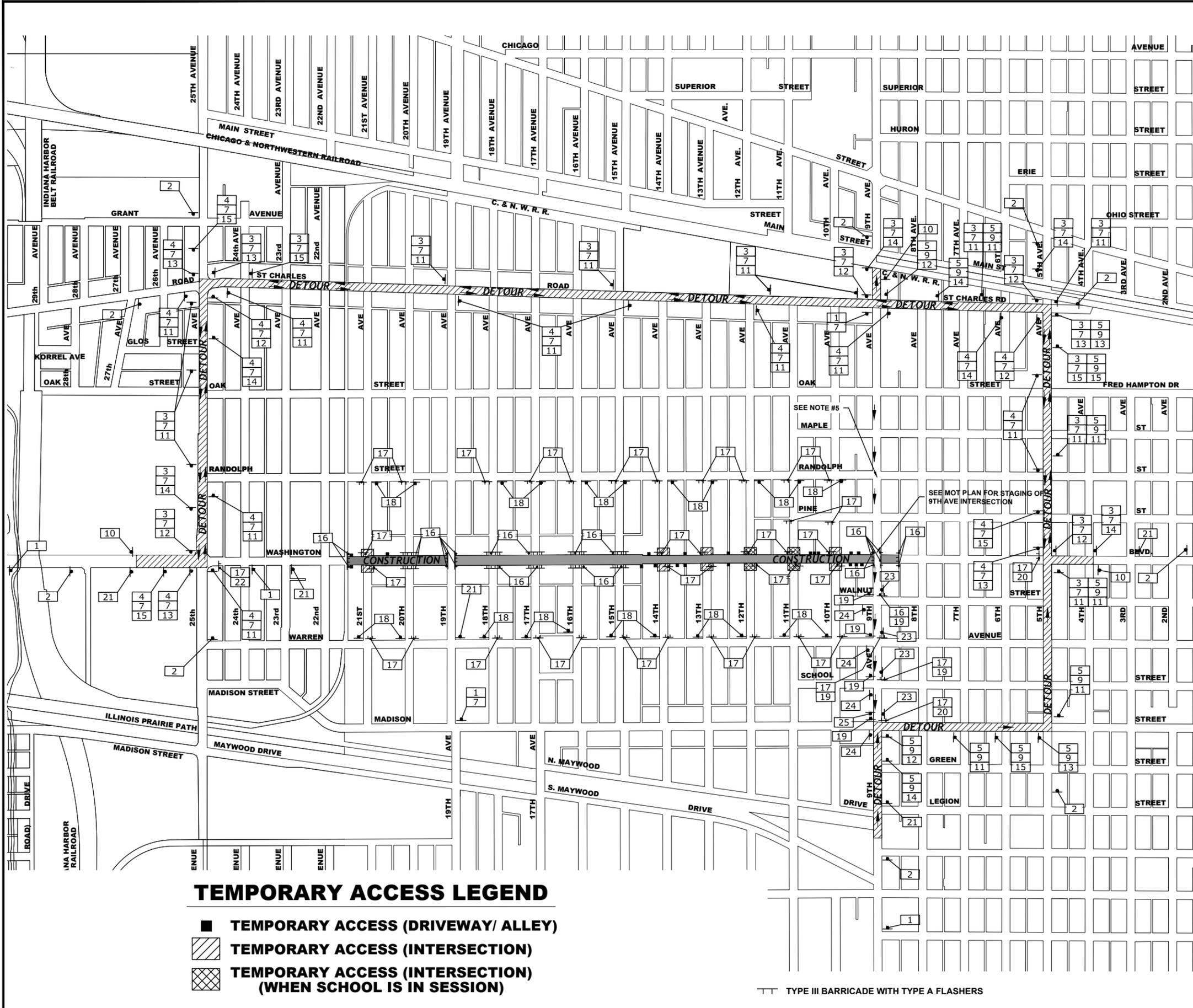
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
STAGE 2
SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	38
FIELD BOOK NO. . .		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.I.E. PROJECT NO. 665-19-23101

Drawing file: W:\Projects_by_Village\Waywood\Waywood_Detour.dwg Oct 03, 2022 - 11:17am



LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION	CODE & SIZE
1	ROAD CLOSED AHEAD	W20-3 48"x48"
2	DETOUR AHEAD	W20-2 48"x48"
3	WEST	M3-1 24"x12"
4	EAST	M3-1 24"x12"
5	NORTH	M3-1 24"x12"
6	SOUTH	M3-1 24"x12"
7	Washington Boulevard	M4-8 36"x12"
8	19th Avenue	M4-8 36"x12"
9	9th Avenue	M4-8 36"x12"
10	END DETOUR	M4-8 24"x18"
11	DETOUR (Up Arrow)	M4-9 30"x24"
12	DETOUR (Right Arrow)	M4-9 30"x24"
13	DETOUR (Left Arrow)	M4-9 30"x24"
14	DETOUR (Down Arrow)	M4-9R 24"x30"
15	DETOUR (U-Turn Arrow)	M4-9L 24"x30"
16	ROAD CLOSED	R11-4 60"x30"
17	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
18	Two Pedestrians	W6-3 36"x36"
19	One Pedestrian	R5-1 30"x30"
20	DETOUR (Right Arrow)	M4-10R 48"x18"
21	ROAD CLOSED 500FT	W20-3 36"x36"
22	DETOUR (Left Arrow)	M4-10L 48"x18"
23	ONE WAY (Left Arrow)	R6-1 24"x30"
24	ONE WAY (Right Arrow)	R6-1 24"x30"
25	END ONE WAY	R6-7 24"x30"

TEMPORARY ACCESS LEGEND

- TEMPORARY ACCESS (DRIVEWAY/ ALLEY)
- TEMPORARY ACCESS (INTERSECTION)
- TEMPORARY ACCESS (INTERSECTION) (WHEN SCHOOL IS IN SESSION)

--- TYPE III BARRICADE WITH TYPE A FLASHERS

NOTES:

- ALL LOCAL DETOURS SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.
- THE TWO (2) CHANGEABLE MESSAGE SIGNS ARE TO BE ONSITE AND FUNCTIONING FOR 2 WEEKS PRIOR TO ROAD CLOSURE.
- WASHINGTON BOULEVARD TO BE DETOURED.
- TEMPORARY ACCESS TO RESIDENTIAL DRIVEWAYS REQUIRED AT 21ST AVENUE, AND BETWEEN 15TH AVENUE AND 9TH AVENUE.
- NORTHBOUND 9TH AVENUE TO BE DETOURED. 9TH AVENUE TO REMAIN OPEN TO SOUTHBOUND TRAFFIC.
- ALL ONE WAY CROSS STREETS TO BE CONVERTED TO TEMPORARY TWO-WAY TRAFFIC WITH NO PARKING SIGNAGE INSTALLED 50' FROM THE CONSTRUCTION ZONE ON WASHINGTON BLVD. ON NORTH AND SOUTH SIDES. EXISTING ONE-WAY SIGNS TO BE COVERED.
- STAGE 3 DETOUR TO BEGIN NO EARLIER THAN 6 WEEKS PRIOR TO COMPLETION OF STAGE 1 DETOUR. STAGE 3 AND STAGE 2 DETOURS MUST BE COMPLETED INDIVIDUALLY, NOT CONCURRENTLY.
- CONSTRUCTION AT 13TH AND 14TH AVENUE SHALL BE SEQUENCED TO MAINTAIN NORTH-SOUTH ACCESSIBILITY FOR EMERGENCY VEHICLES AT ALL TIMES.



CM Engineers
 Municipal Consultants
 Established 1911

DESIGNED - SBC
 DRAWN - SFB, DMM
 CHECKED - WOP
 DATE - 10-3-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

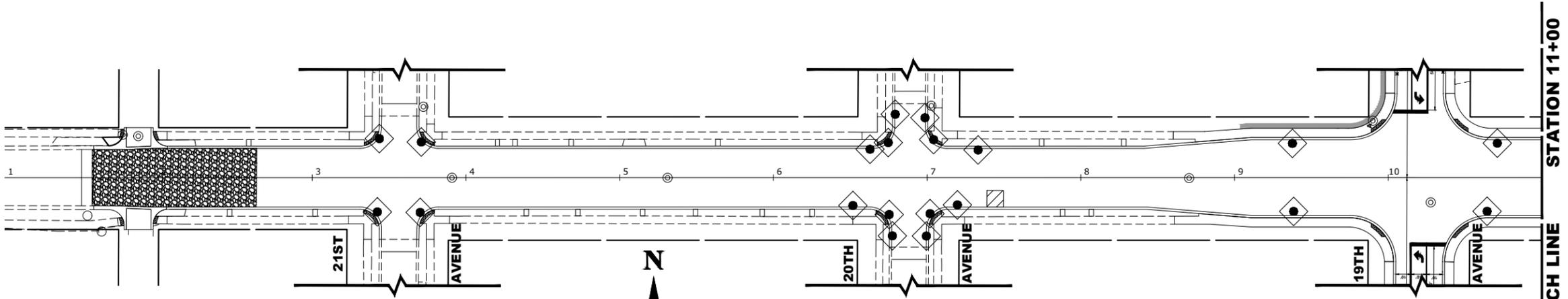
DETOUR PLAN
STAGE 3

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	39
FIELD BOOK NO. . .		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.N.E. PROJECT NO. 665-19-23101

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 Aug 05, 2022 - 5:01pm
 E.H.E. PROJECT NO. 565-19-23101



STATION 11+00
MATCH LINE

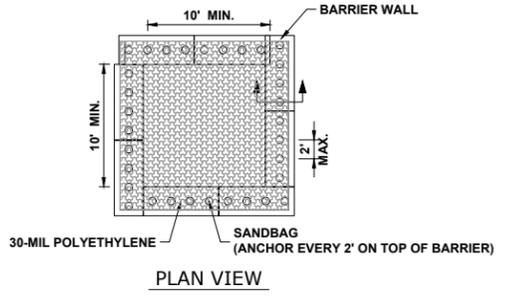
LEGEND	
	STABILIZED CONSTRUCTION ENTRANCE
	INLET FILTERS
	CONCRETE WASH-OUT AREA

NOTES

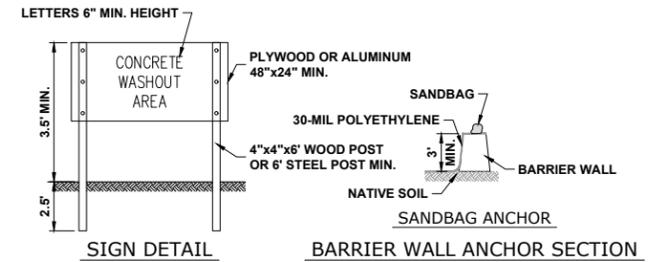
- SEE IDOT STANDARD 280001-07 FOR TEMPORARY EROSION CONTROL SYSTEMS.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES REMAIN PROTECTED FROM SEDIMENT DEPOSITION.
- SOIL STOCKPILES SHALL BE PROTECTED WITH PERIMETER EROSION BARRIER OR OTHER EROSION PROTECTION SPECIFIED BY THE RESIDENT ENGINEER. THE 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)

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: _____



PLAN VIEW

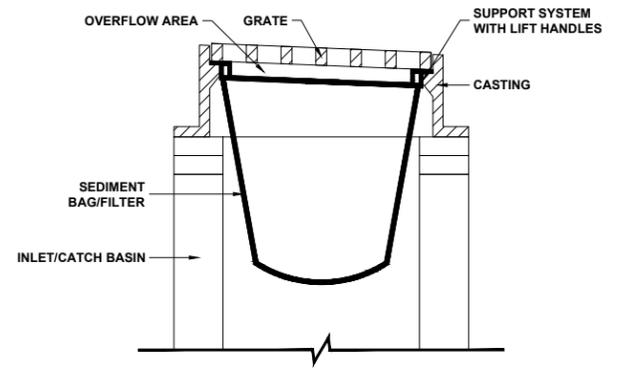


SIGN DETAIL

BARRIER WALL ANCHOR SECTION

NOTES:

- MAINTAINING TEMPORARY CONCRETE FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED 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.

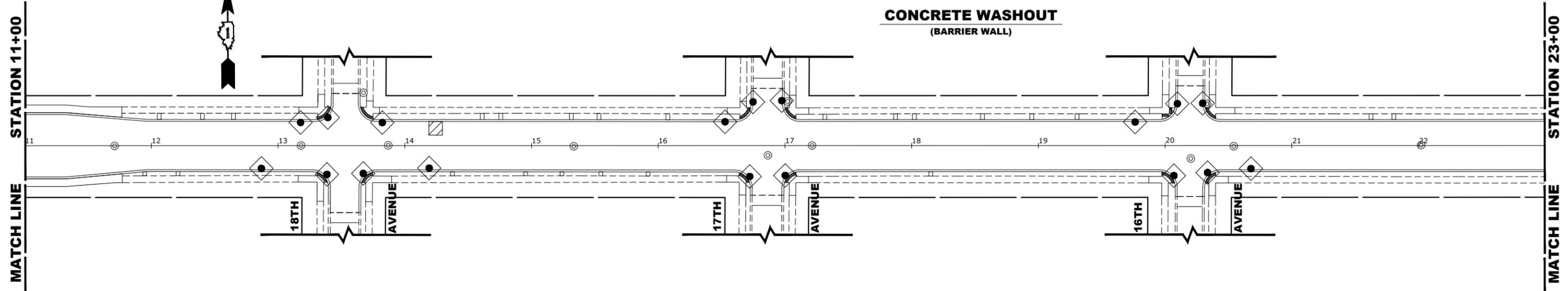


INLET/CATCH BASIN PROTECTION

(DROP-IN PROTECTION)

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

CONCRETE WASHOUT (BARRIER WALL)



STATION 11+00
MATCH LINE

MATCH LINE
STATION 23+00

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 CIVIL ENGINEERS
 MUNICIPAL CONSULTANTS
 ESTABLISHED 1911
 7900 Roosevelt Road
 Westchester, IL 62784-2700
 Phone: 708-666-0900
 www.hancockeng.com

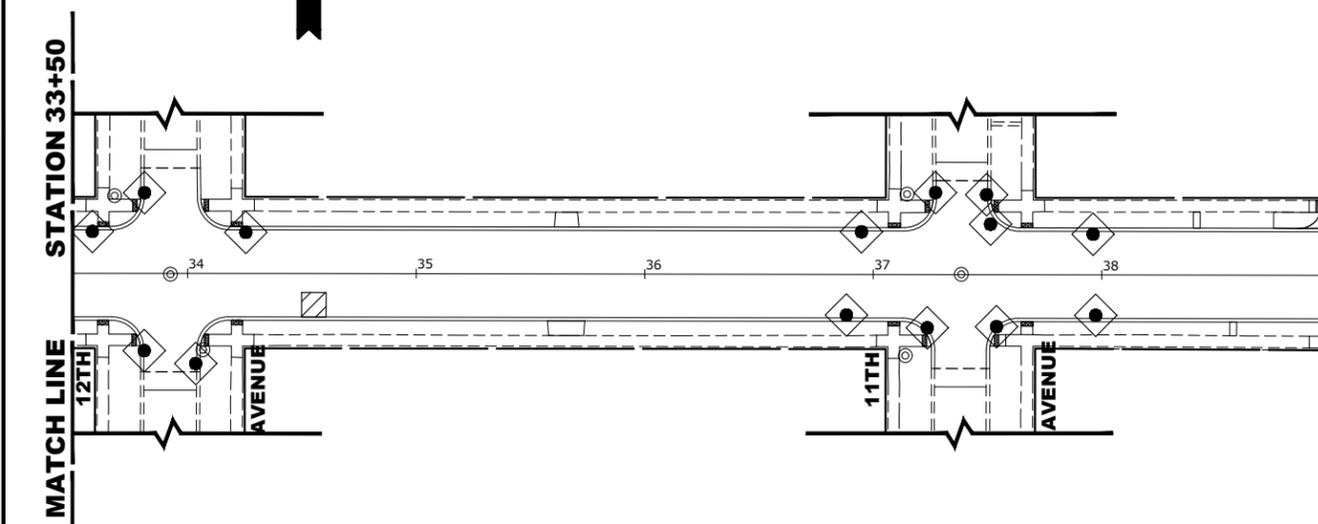
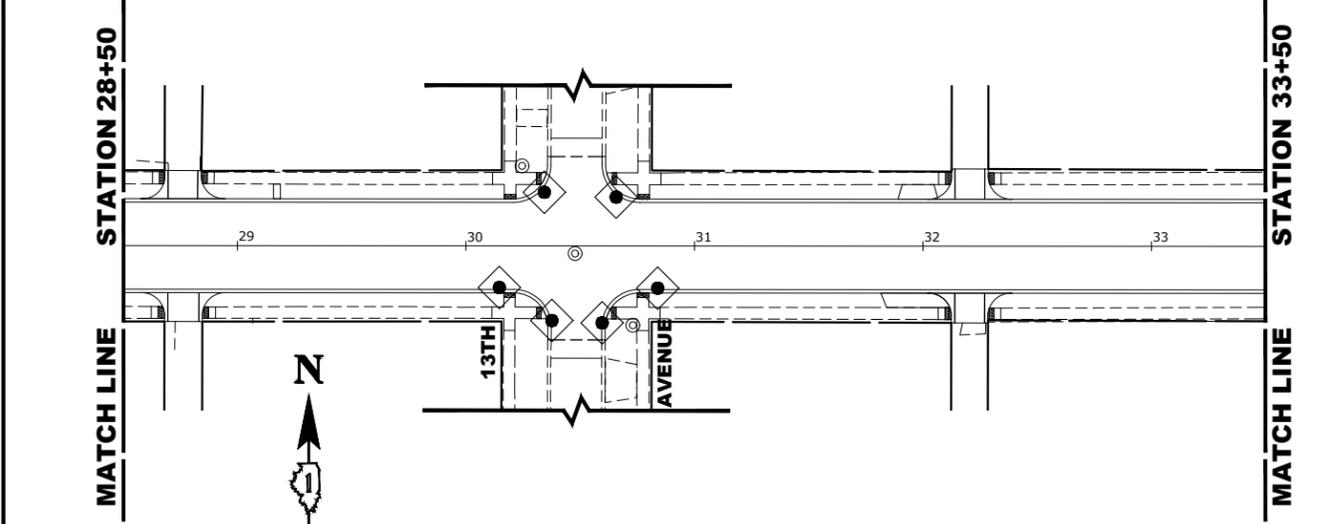
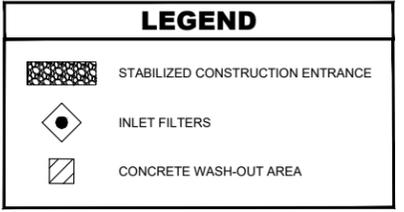
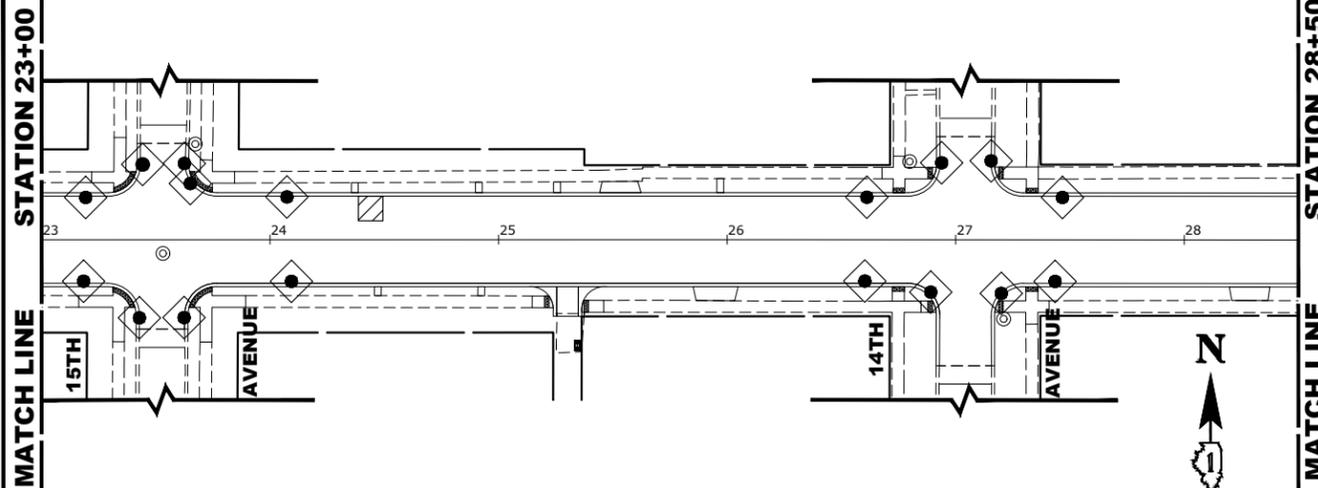
DESIGNED -	SBC	REVISED -	
DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN AND SWPPP
 SCALE: 1" = 40'
 SHEET NO. 2 OF 2 SHEETS
 STA. 12+00 TO STA. 17+45

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	40
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN EROSION AND SEDIMENT CONTROLS



NARRATIVE DESCRIPTION OF EXISTING CONDITIONS AND PROPOSED DEVELOPMENT

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

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

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

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION (WHERE APPLICABLE):

1) DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION AREA AS OUTLINED PREVIOUSLY SHALL BE PROTECTED FROM DAMAGE EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

B) TOP SOIL AND EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

C) AS THE CONTRACTOR CONSTRUCTS THE UNDERGROUND IMPROVEMENTS, THEY SHALL ADHERE TO THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:

I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND ENTERS THE CONSTRUCTION ZONE.

D) THE CONTRACTOR SHALL IMMEDIATELY FOLLOW MAJOR EARTH MOVING OPERATIONS WITH FINAL GRADING EQUIPMENT. AFTER MAJOR EARTH SPREAD OPERATION HAS MOVED TO A NEW LOCATION, FINAL GRADING SHALL BE COMPLETED WITHIN FOURTEEN DAYS. IF GRADING IS NOT COMPLETED WITHIN FOURTEEN DAYS, ALL MAJOR EARTH MOVING OPERATIONS WILL BE STOPPED, AS DIRECTED BY THE ENGINEER, UNTIL DISTRIBUTED AREAS ARE FINAL GRADED AND SEEDED.

E) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED AS STATED IN THE SPECIAL PROVISION "TEMPORARY EROSION CONTROL SEEDING".

F) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

G) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING ACTIVITIES AND WEEKLY OR AFTER LARGE RAINS DURING THE WINTER SHUTDOWN PERIOD. THIS PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER CONTROL WORK IS NECESSARY.

H) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEM SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF MAINTENANCE IS INCIDENTAL TO THE CONTRACT.

I) THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER IT'S USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

DOCUMENTATION

1) A REPORT SUMMARIZING THE SCOPE OF INSPECTION, NAME(S) AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE SECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLANTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTION TAKEN IN ACCORDANCE WITH SECTION 4.B, SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT.

2) IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENT OF NONCOMPLIANCE (ION)" REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI.G. OF THE GENERAL PERMIT. THE REPORT ID NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

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

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

- EXCAVATION AND REMOVAL OF EXISTING STRUCTURES AND PAVED SURFACES WILL BE COMPLETED AT LOCATIONS AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- 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.
- 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.
- 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):

- CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.
- AREAS WILL BE INSPECTED ON A REGULAR BASIS BY THE ENGINEER AND THE VILLAGE.
- MAINTENANCE CREWS WILL ALSO AID IN ANY DRAINAGE PROBLEMS.
- ALL MAINTENANCE WILL BE CONDUCTED AT TIMES WHEN WEATHER CONDITIONS WILL NOT CAUSE SITE DAMAGE.
- CONTRACTORS SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF IEPA NPDES PERMIT ILR 10. RESTORATION SHALL OCCUR WITHIN 7 DAYS OF DISTURBANCE.
- 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).
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.
- TECHNIQUES SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
- DAILY REMOVAL OF SEDIMENT AND DEBRIS FROM THE STREET SHALL BE REQUIRED OF THE CONTRACTOR.

HANCOCK ENGINEERING
 444 1/2 North Washington Blvd., Ph. II, Springfield, IL 62761
 7700 Roosevelt Road, Westchester, IL 62784-2700
 Phone: 708-666-0900
 www.hancockeng.com

CIVIL Engineers
 Municipal Consultants
 Established 1911

DESIGNED -	SBC	REVISED -
DRAWN -	SFB, DMM	REVISED -
CHECKED -	WOP	REVISED -
DATE -	8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

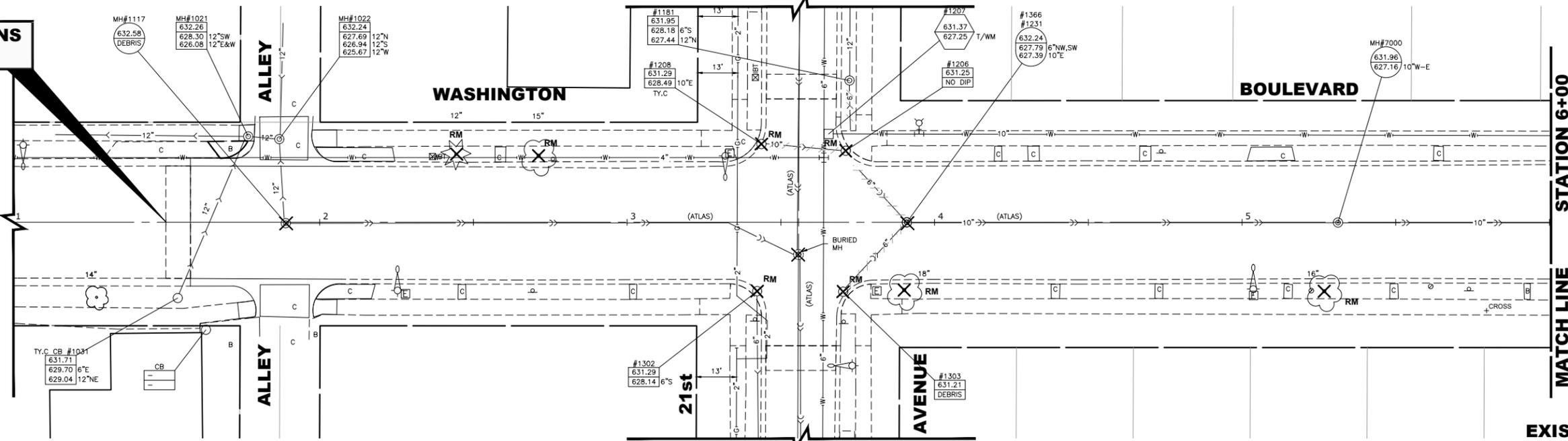
EROSION CONTROL PLAN AND SWPPP

SCALE: 1" = 40'
 SHEET NO. 2 OF 2 SHEETS
 STA. 12+00 TO STA. 17+45

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	41
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

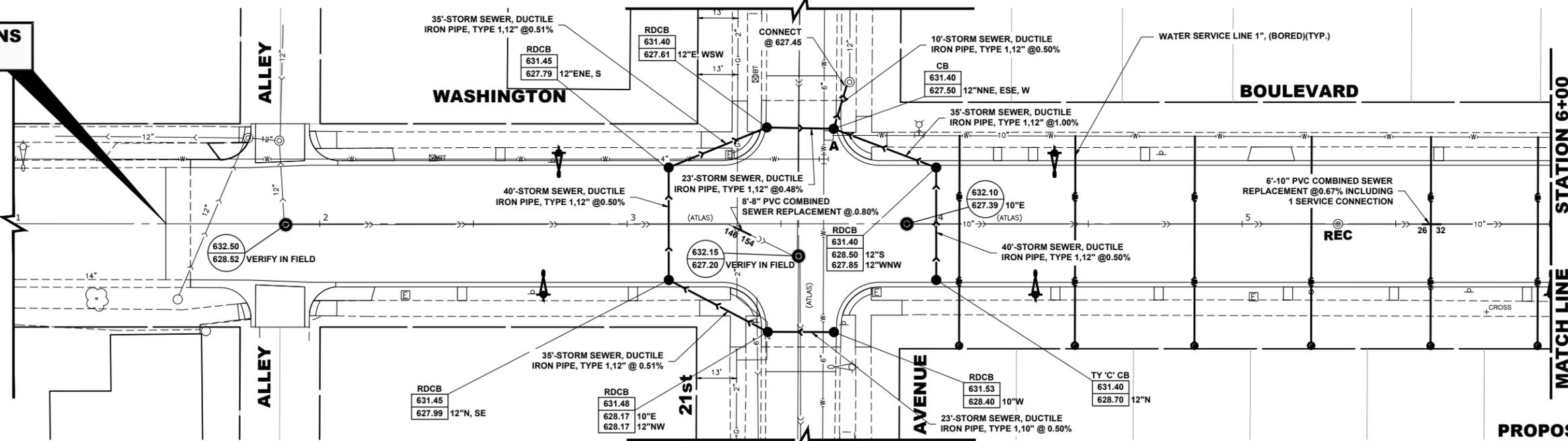
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 E.H.E. PROJECT NO. 565-19-23101

**PROJECT BEGINS
STA 1+50**

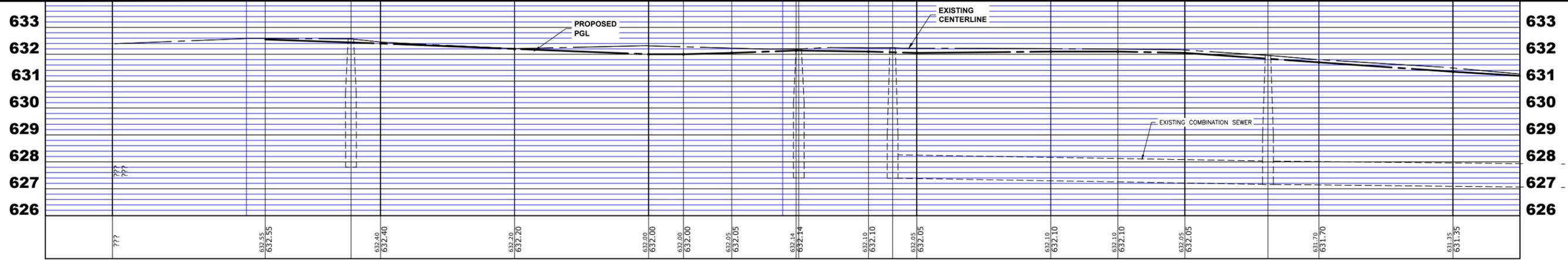


EXISTING TOPOGRAPHY

**PROJECT BEGINS
STA 1+50**



PROPOSED IMPROVEMENT



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CMI Engineers
Municipal Consultants
 Established 1911

DESIGNED - SBC
 DRAWN - SFB, DMM
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REVISED -
 REVISED -
 REVISED -
 REVISED -

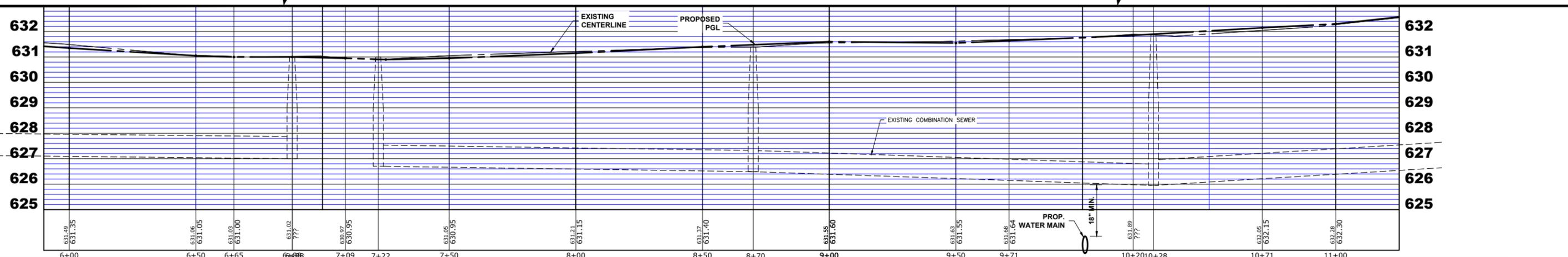
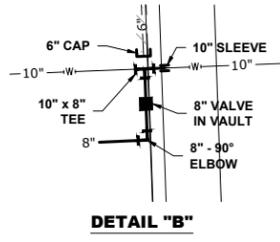
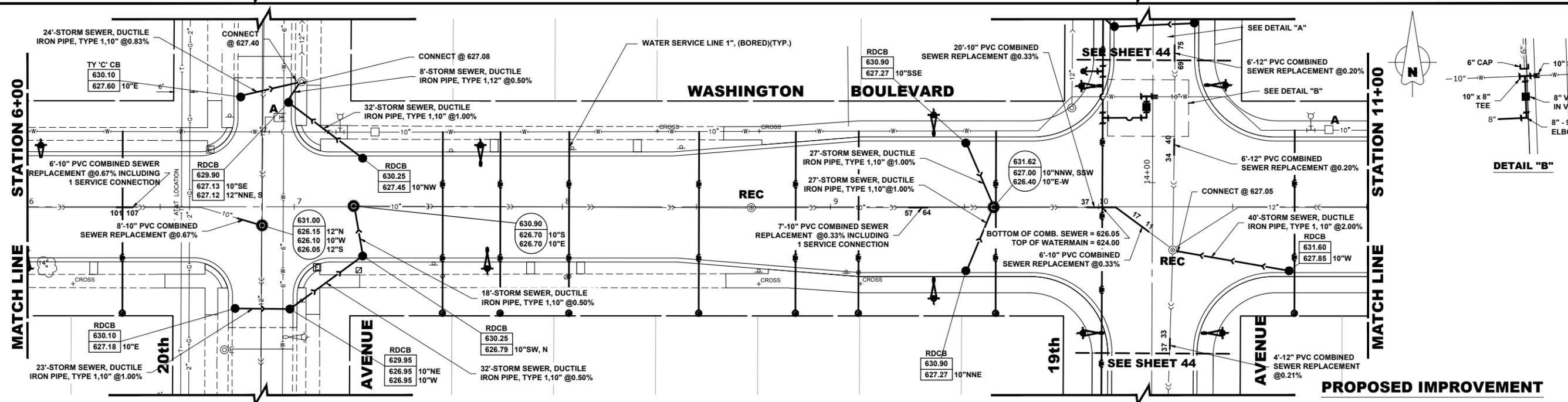
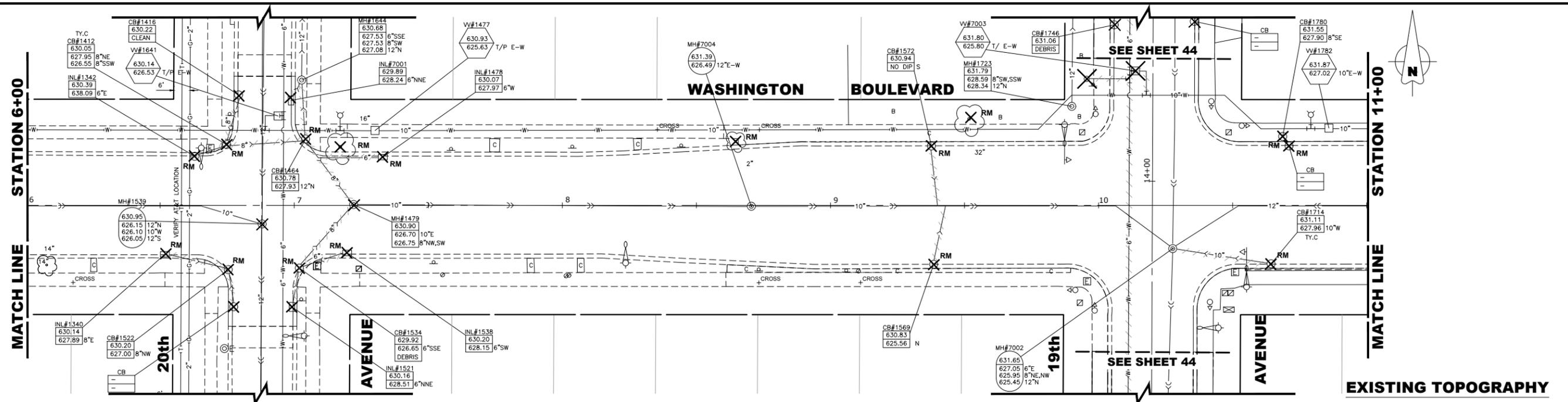
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 UTILITY PLAN AND PROFILE**

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	42
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 865-19-23101

Drawing file: W:\Projects_by_Village\Weywood\56519231 - Washington Blvd - Ph. II\Site\Washington_Bldg_Ph. II.dwg Sep 16, 2022 - 8:00am



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CHECKED - WOP	REVISED -
DATE - 9-16-22	REVISED -

**STATE OF ILLINOIS
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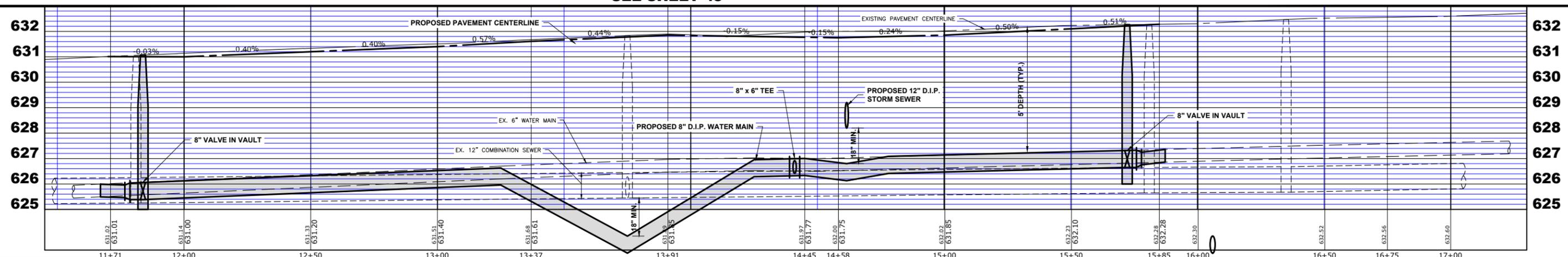
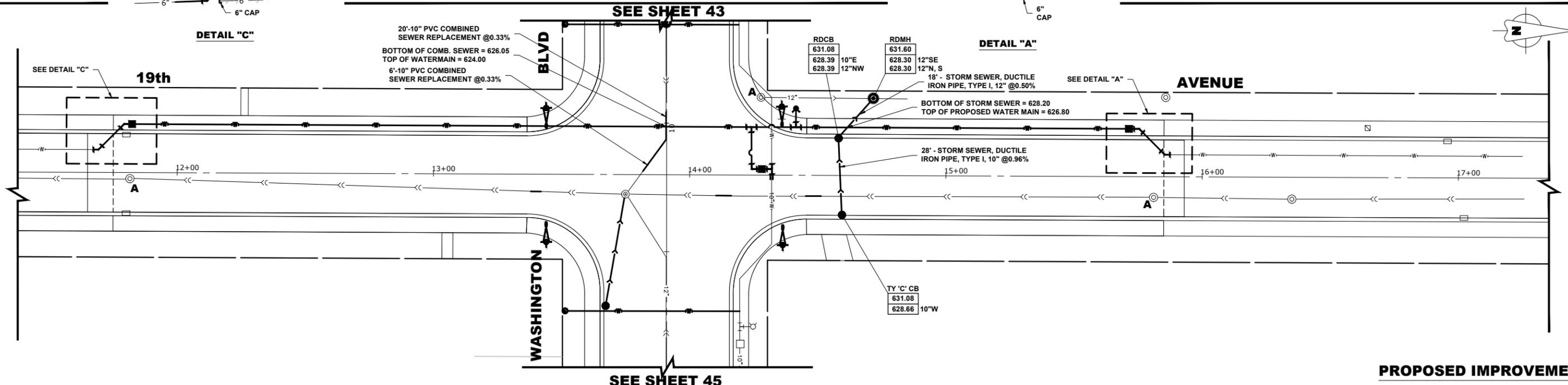
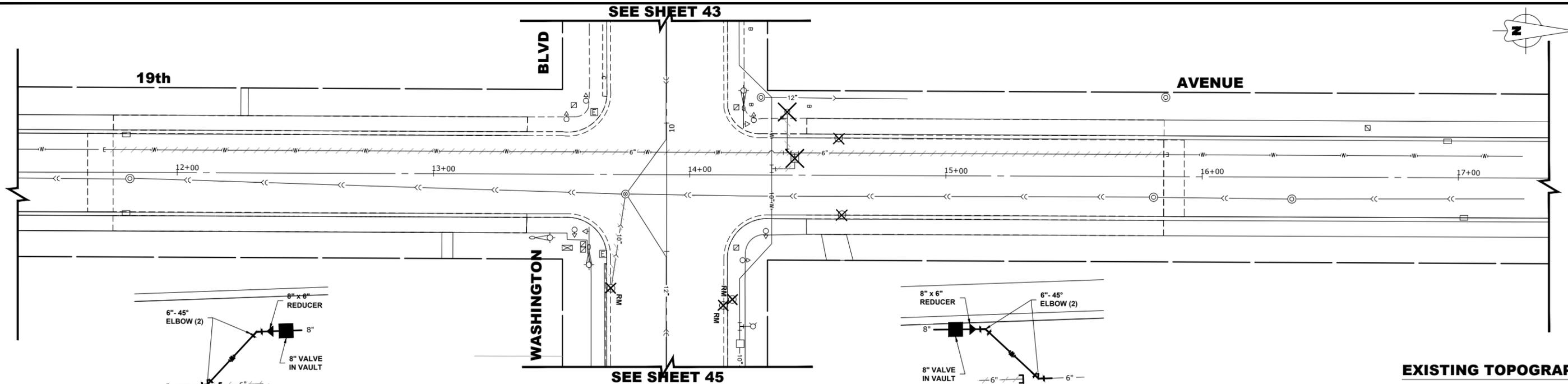
**WASHINGTON BOULEVARD
 UTILITY PLAN AND PROFILE**

SCALE: 1"=20H, 1"=2V SHEET NO. 2 OF 11 SHEETS STA. 6+00 TO STA. 11+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 43
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 865-19-23101

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19TH AVENUE
UTILITY PLAN AND PROFILE

SCALE: 1" = 20'

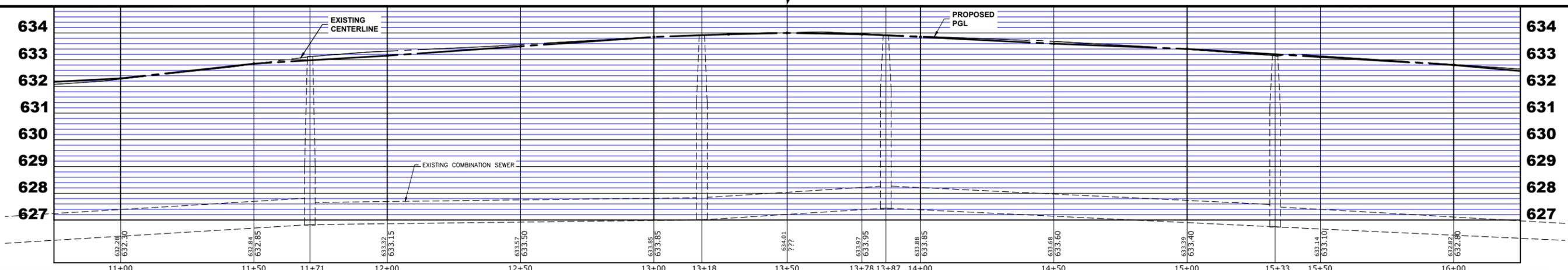
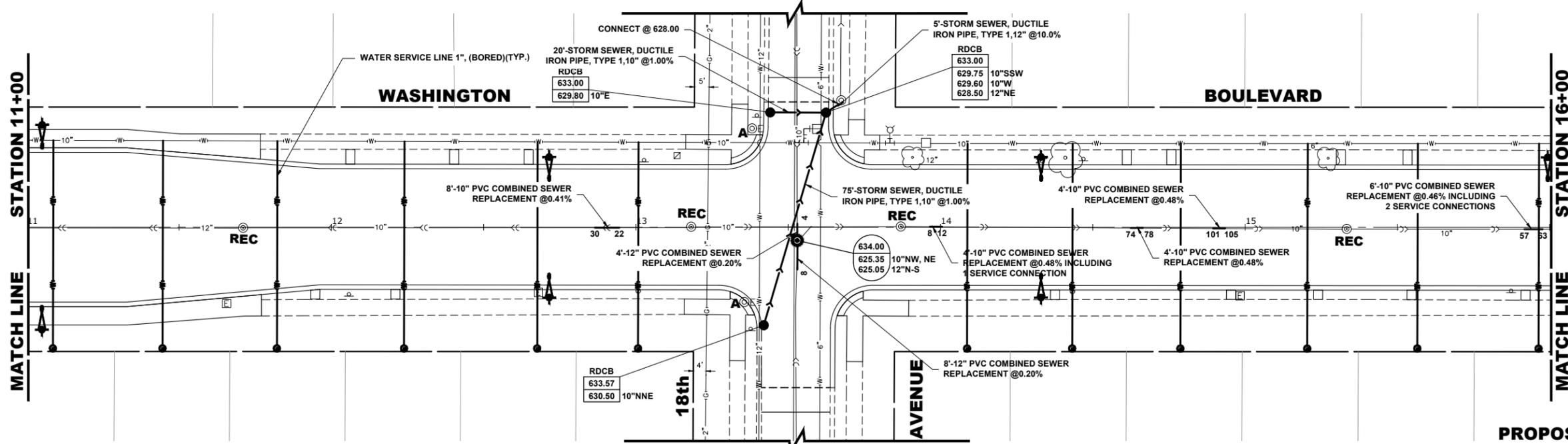
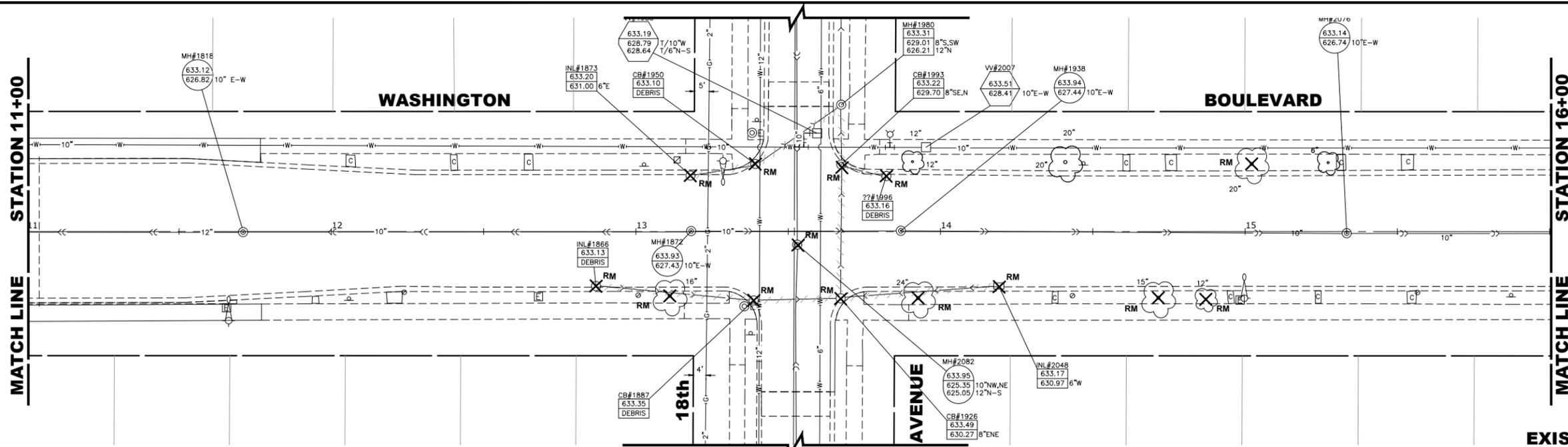
SHEET NO. 3 OF 11 SHEETS

STA. 11+70 TO STA. 17+06

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 44
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 865-19-23101

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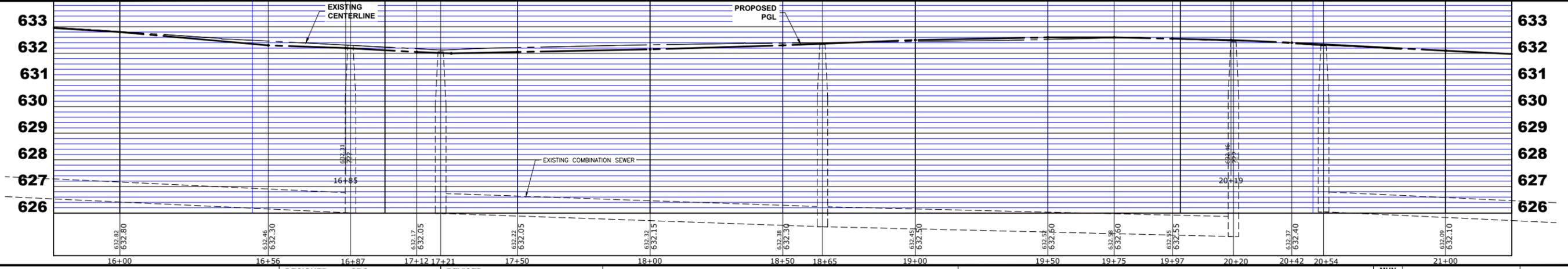
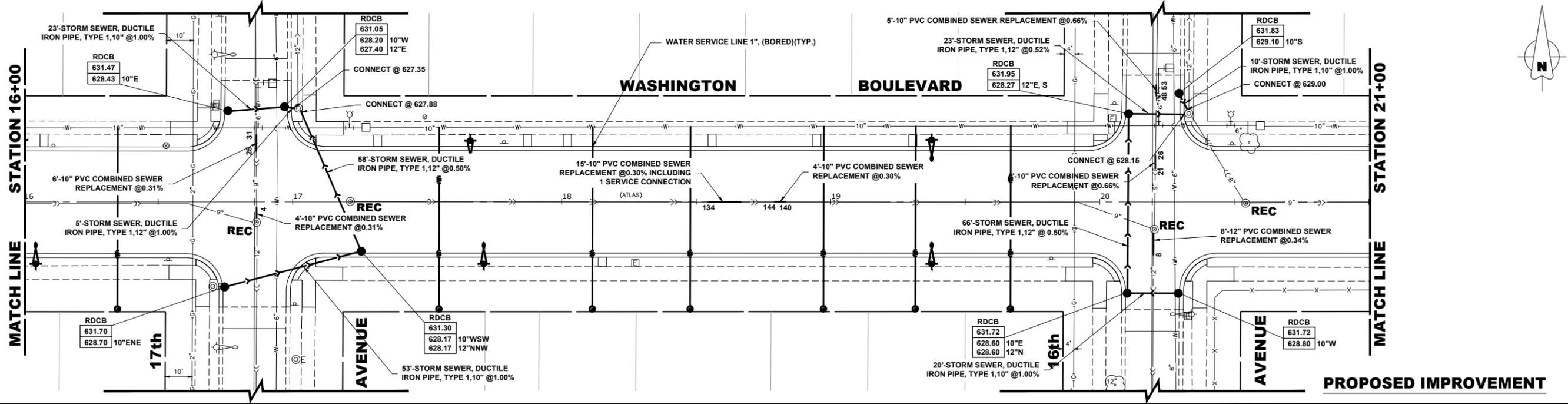
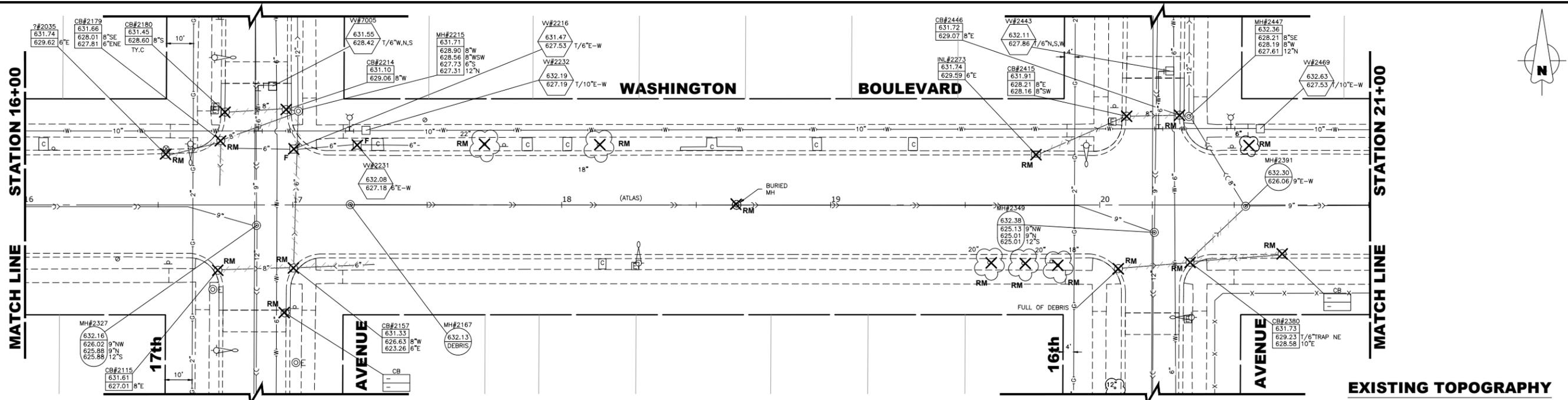
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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WASHINGTON BOULEVARD
UTILITY PLAN AND PROFILE
 SCALE: 1"=20H, 1"=2V
 SHEET NO. 4 OF 11 SHEETS
 STA. 11+00 TO STA. 16+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 45
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 865-19-23101



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DATE - 8-8-22	REVISED -

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DEPARTMENT OF TRANSPORTATION

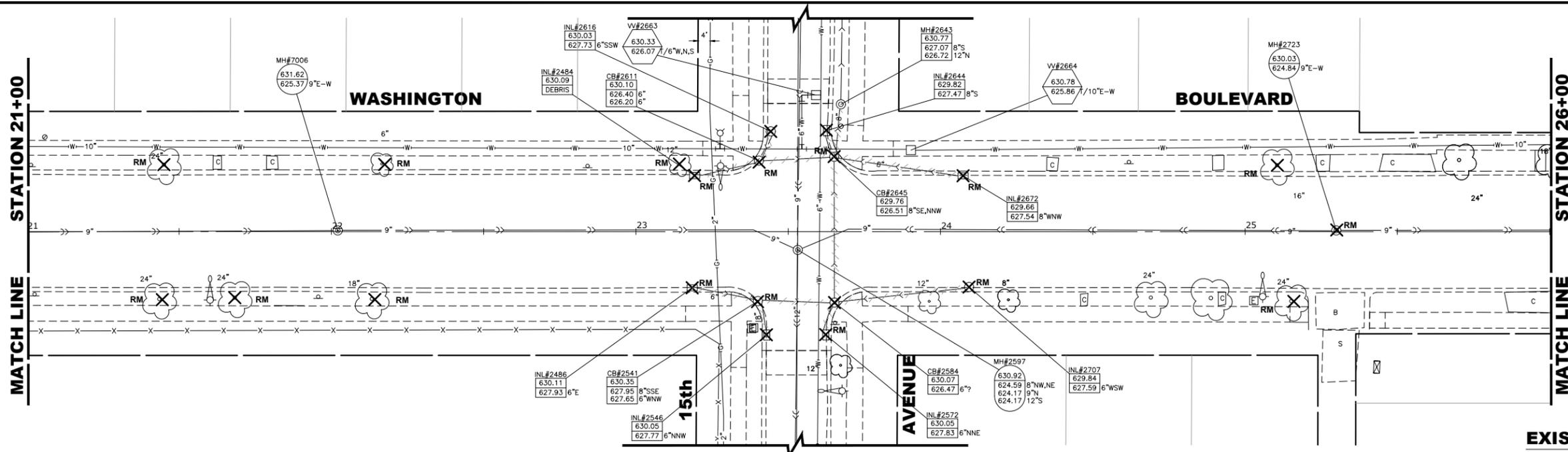
WASHINGTON BOULEVARD
UTILITY PLAN AND PROFILE

SCALE: 1"=20H, 1"=2V SHEET NO. 5 OF 11 SHEETS STA. 16+00 TO STA. 21+00

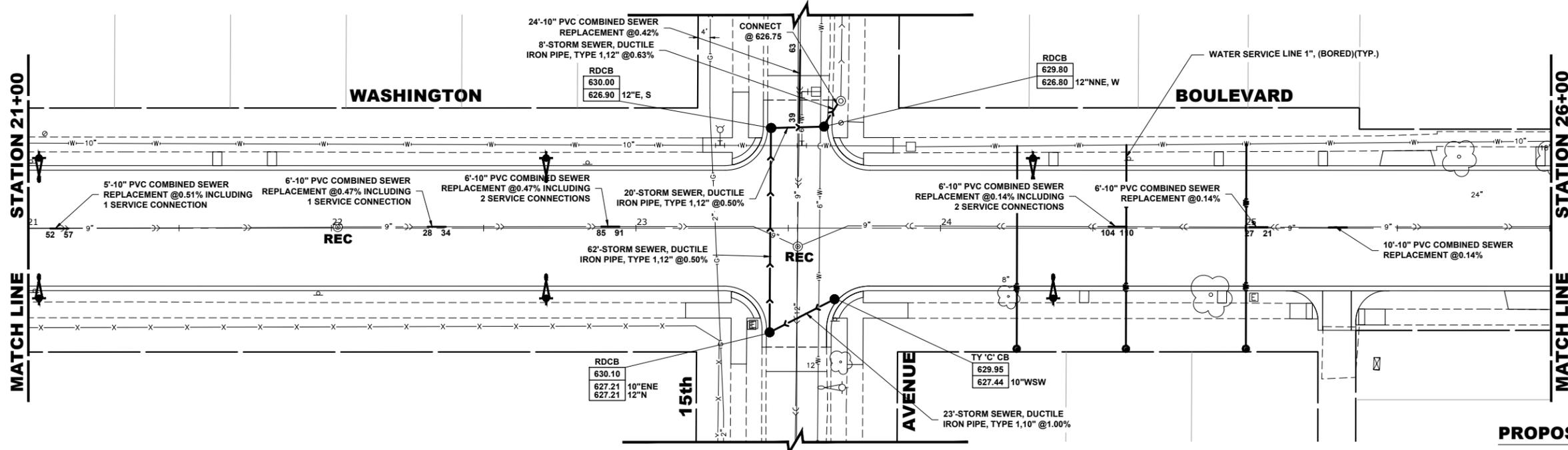
MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 46
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 665-19-23101

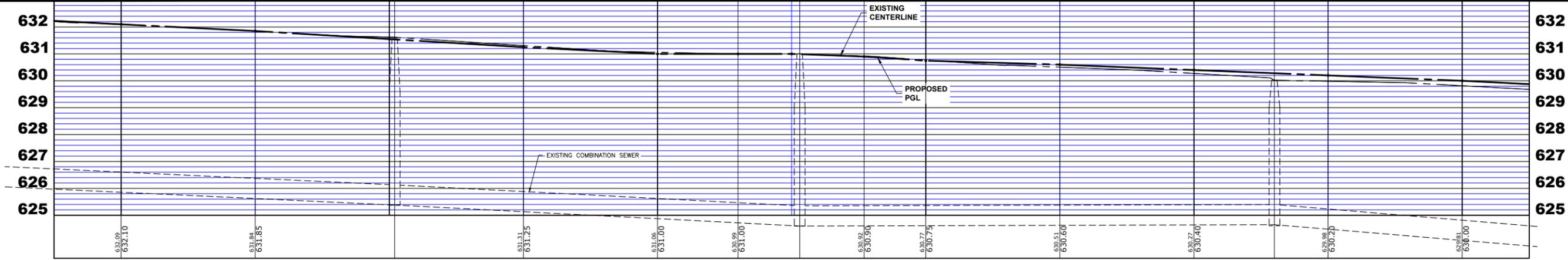
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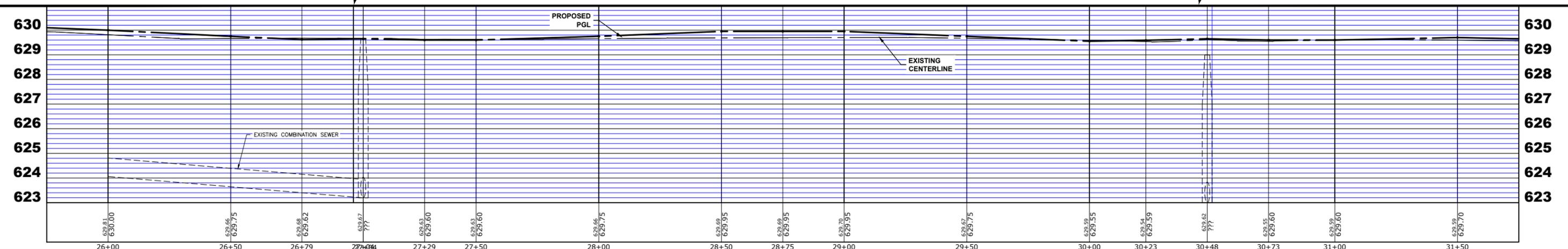
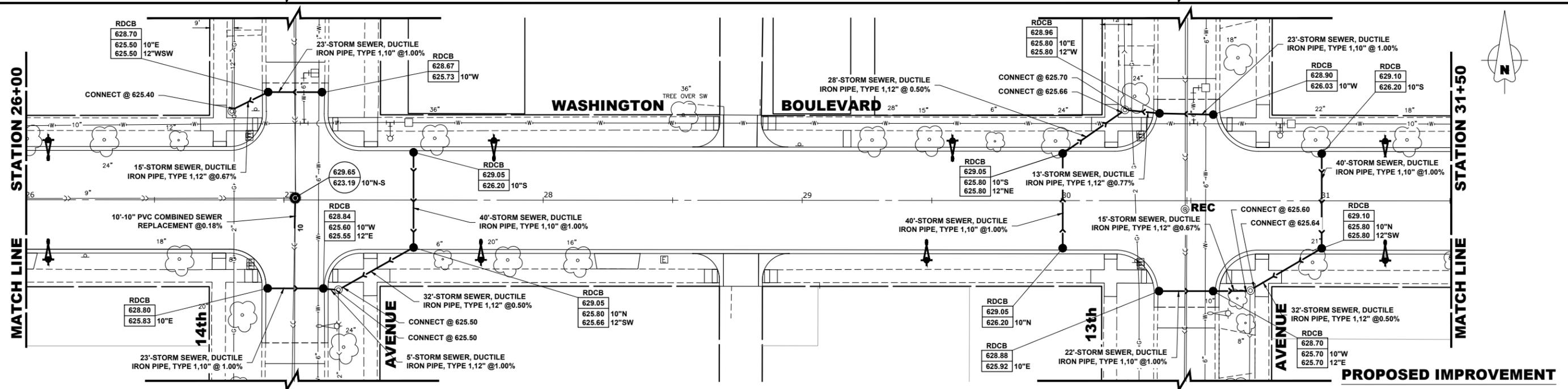
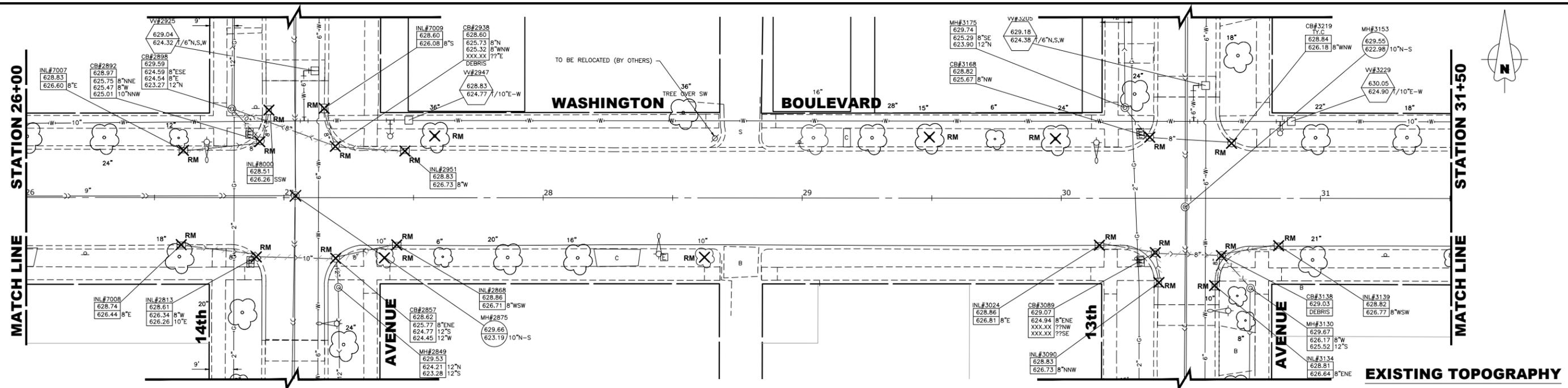
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WASHINGTON BOULEVARD
UTILITY PLAN AND PROFILE
 SCALE: 1"=20H, 1"=2V
 SHEET NO. 6 OF 11 SHEETS
 STA. 21+00 TO STA. 26+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 47
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 855-19-23101

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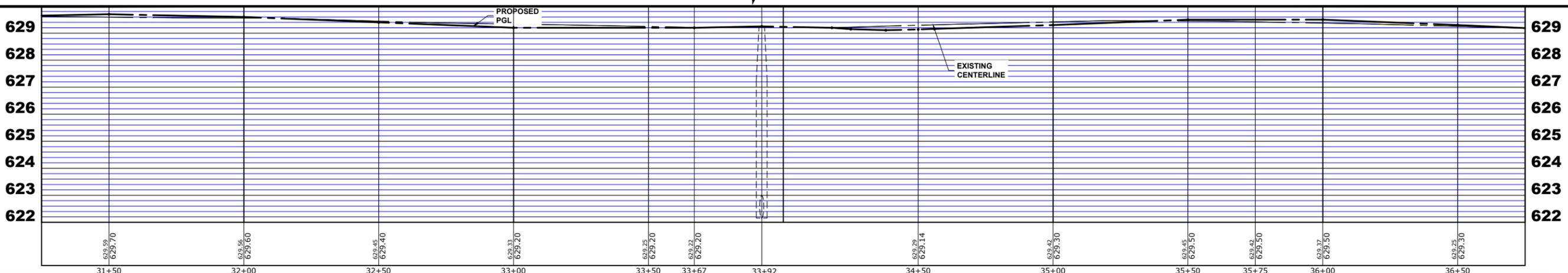
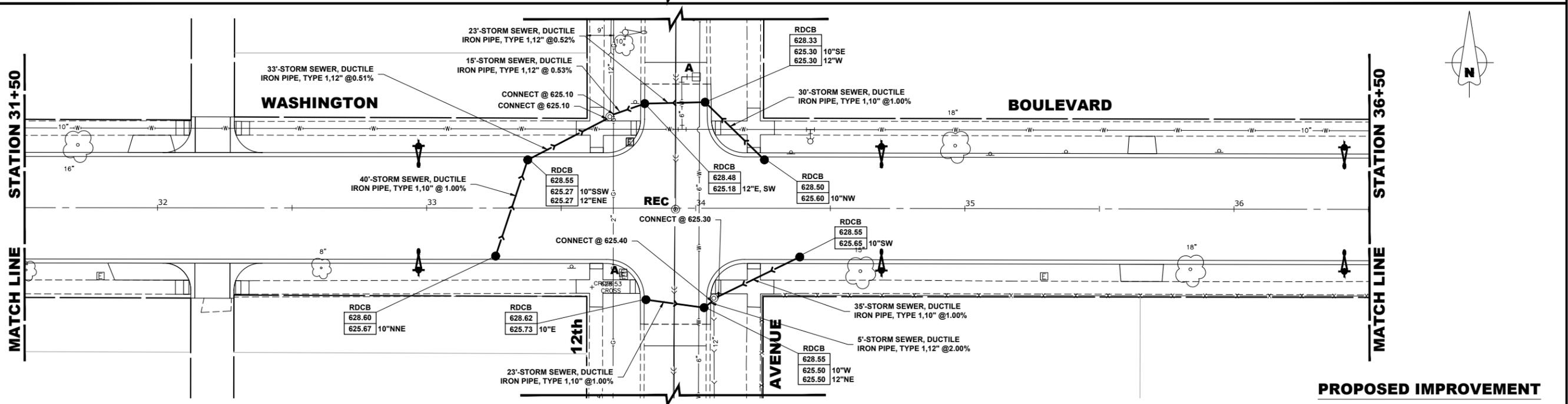
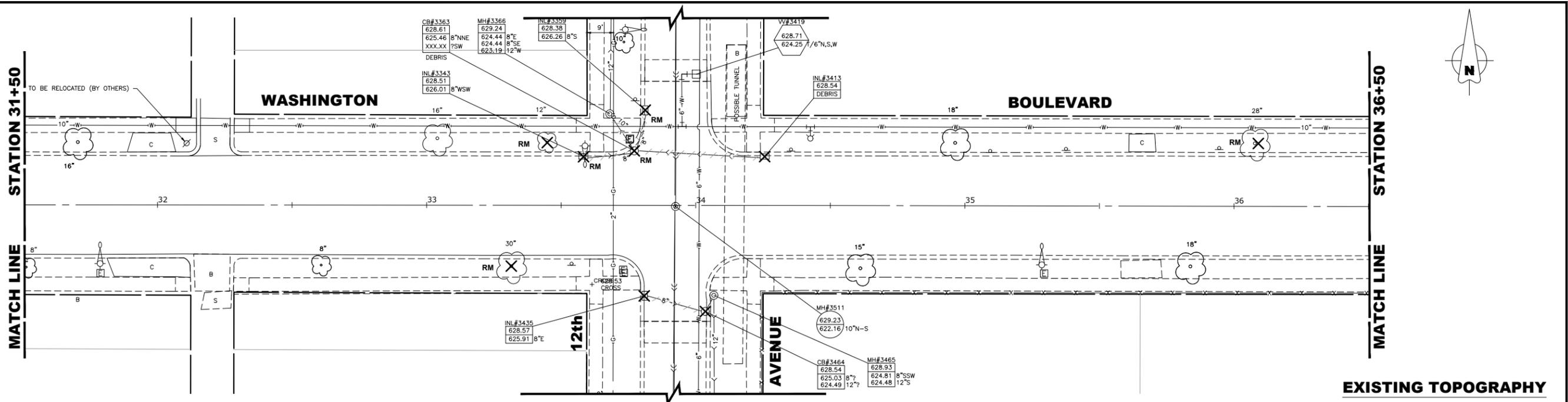
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WASHINGTON BOULEVARD
 UTILITY PLAN AND PROFILE**
 SCALE: 1"=20H, 1"=2V SHEET NO. 7 OF 11 SHEETS STA. 26+00 TO STA. 31+50

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 48
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 665-19-23101

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DATE - 8-8-22	REVISED -

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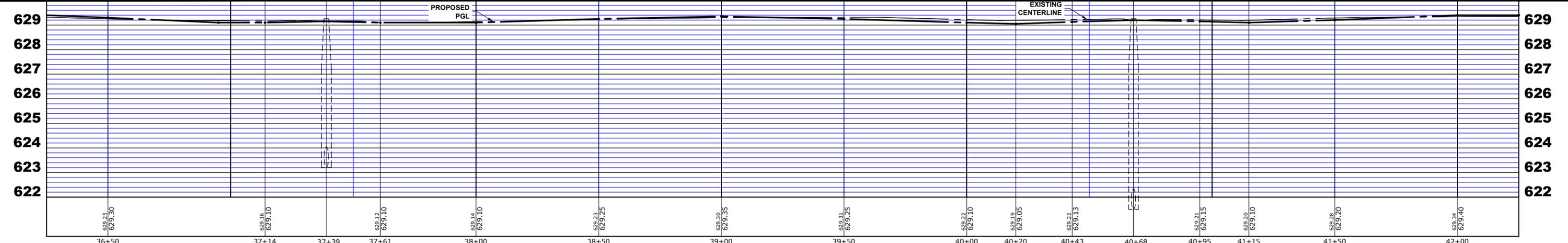
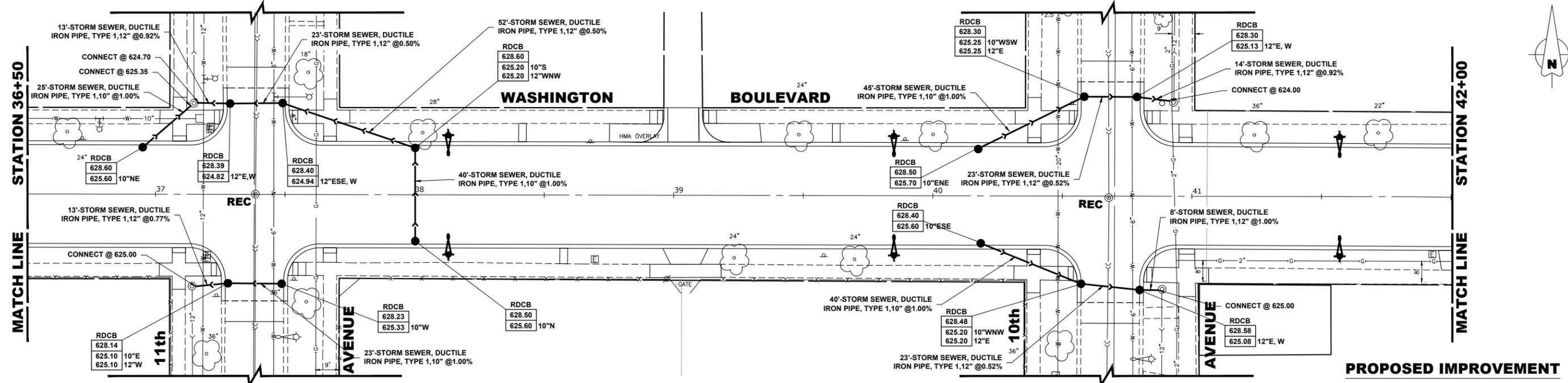
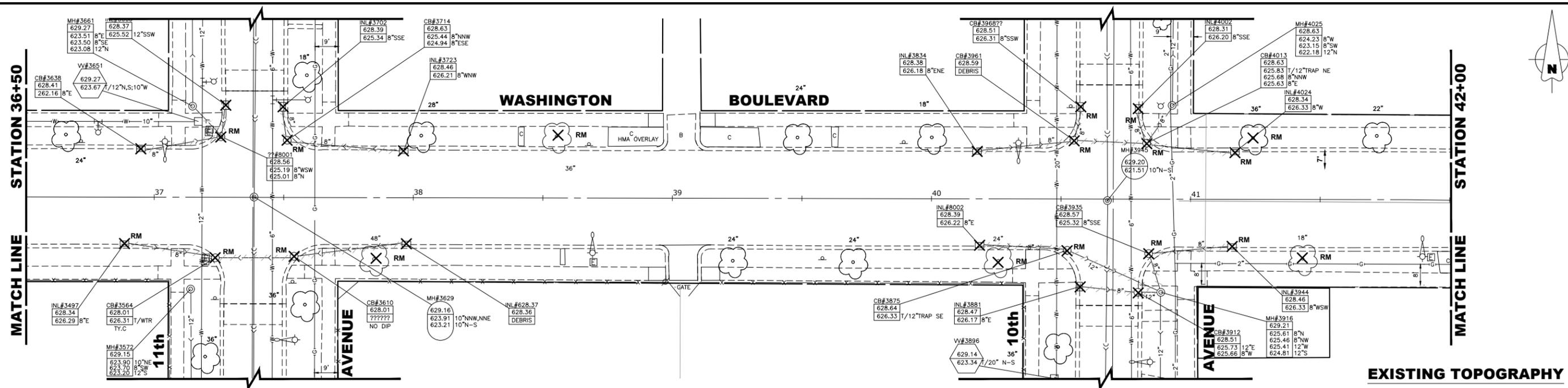
**WASHINGTON BOULEVARD
 UTILITY PLAN AND PROFILE**

SCALE: 1"=20H, 1"=2V SHEET NO. 8 OF 11 SHEETS STA. 31+50 TO STA. 36+50

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 49
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 865-19-23101

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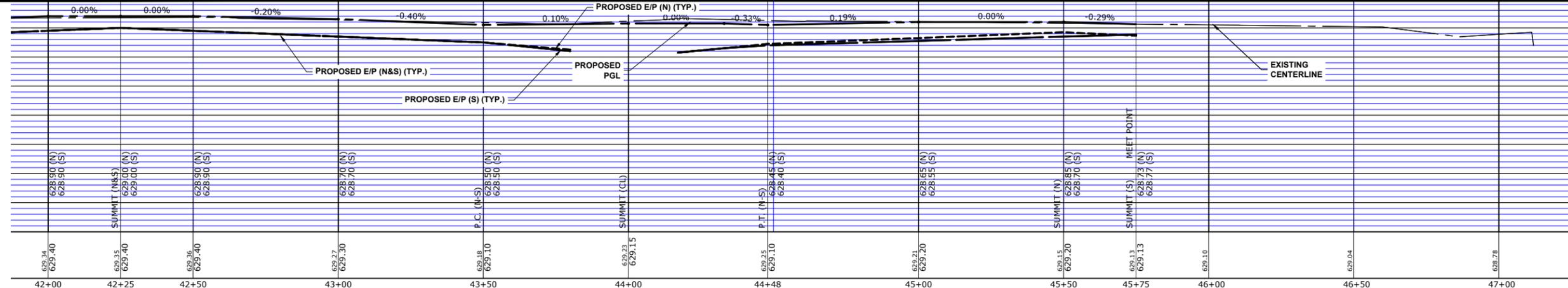
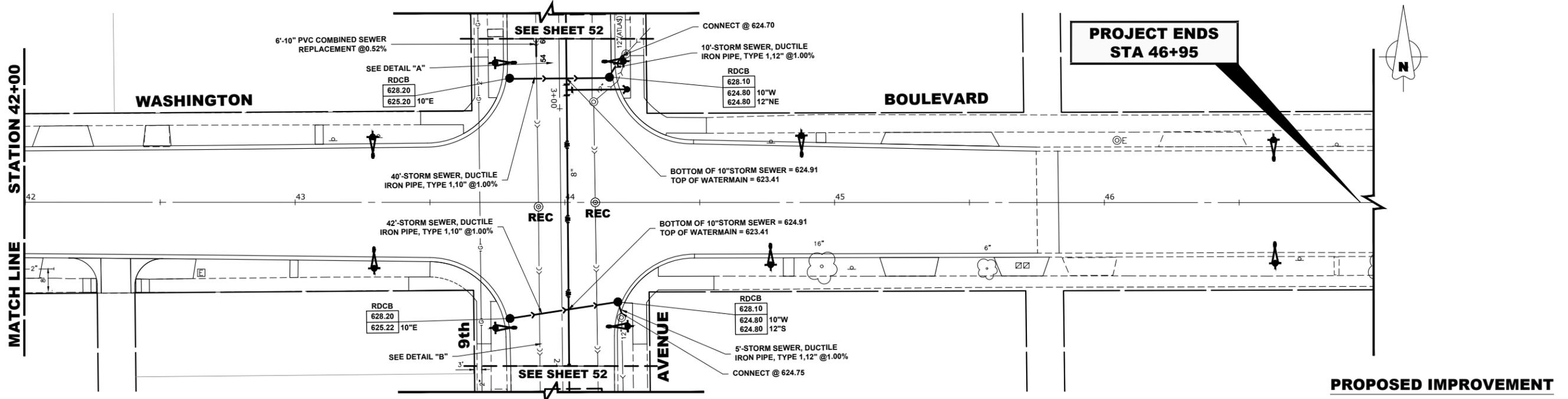
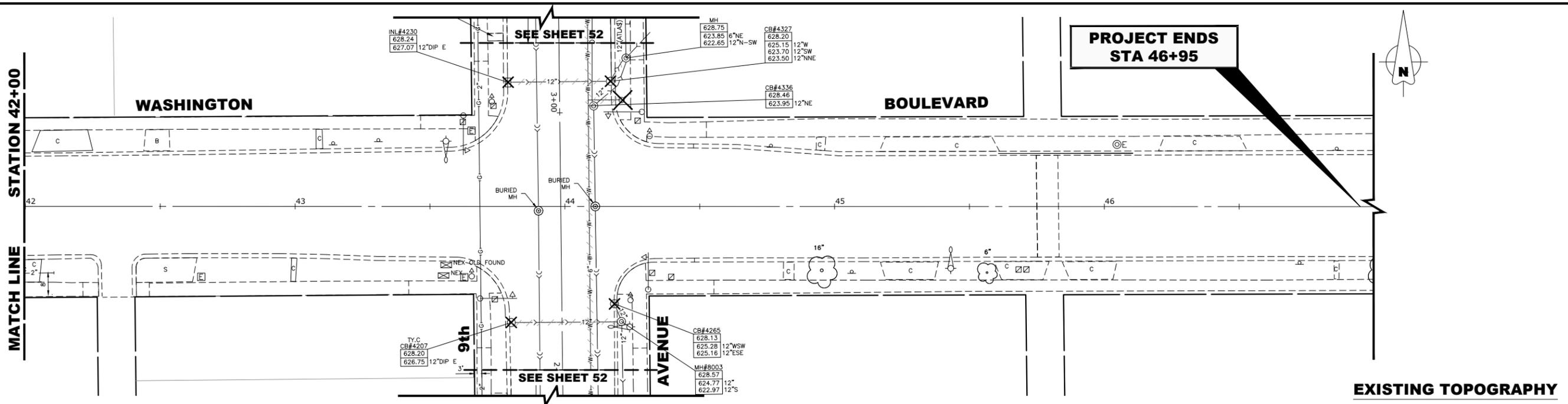
**WASHINGTON BOULEVARD
 UTILITY PLAN AND PROFILE**

SCALE: 1"=20H, 1"=2V SHEET NO. 9 OF 11 SHEETS STA. 36+50 TO STA. 42+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 50
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 665-19-23101

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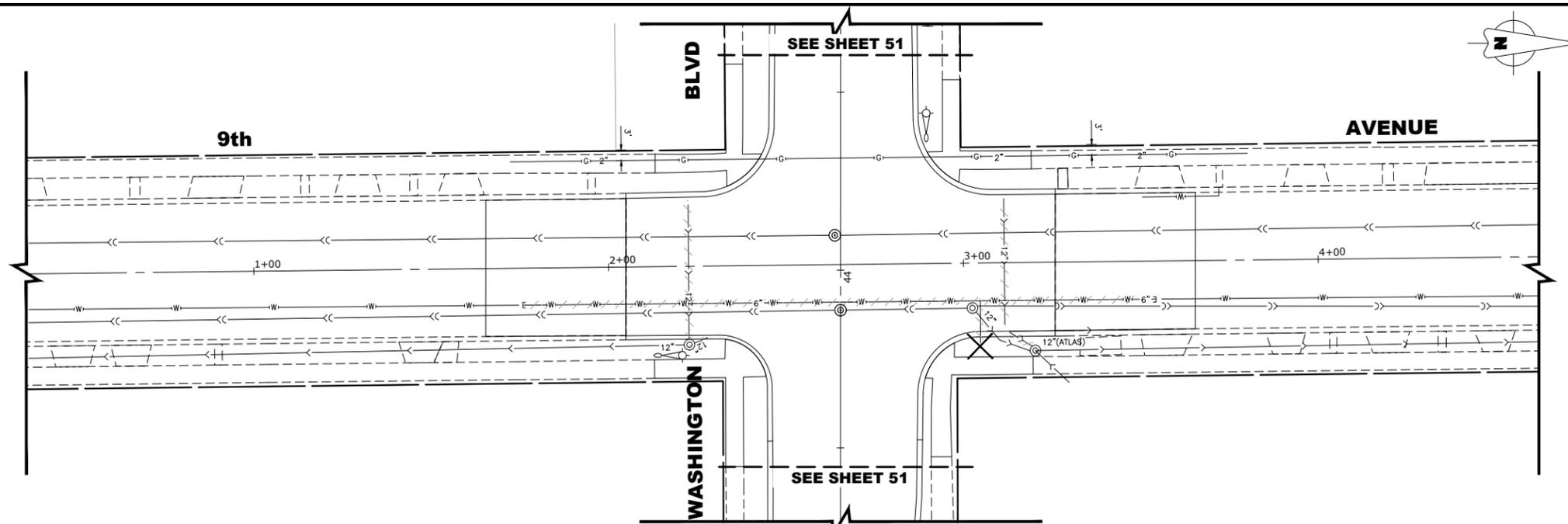
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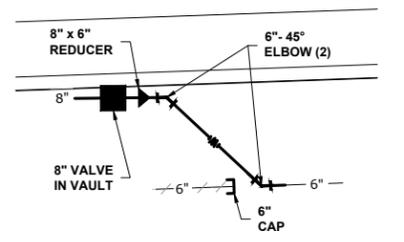
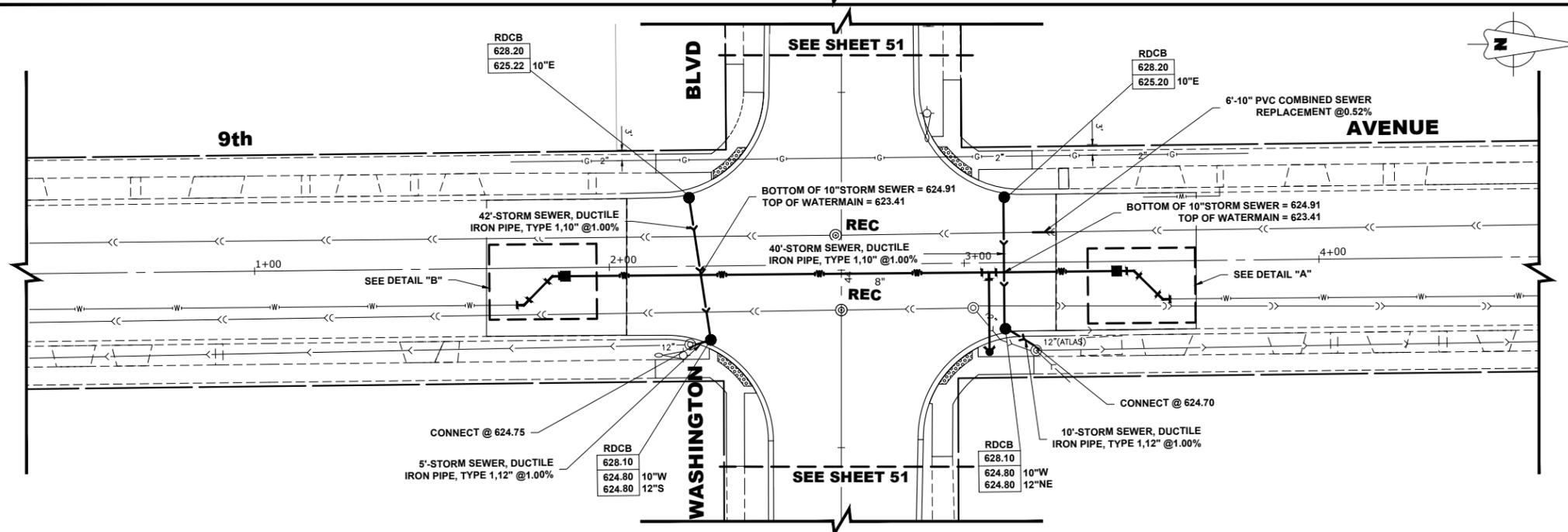
WASHINGTON BOULEVARD
UTILITY PLAN AND PROFILE
 SCALE: 1"=20H, 1"=2V
 SHEET NO. 10 OF 11 SHEETS
 STA. 42+00 TO STA. 47+00

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 51
FIELD BOOK NO. -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

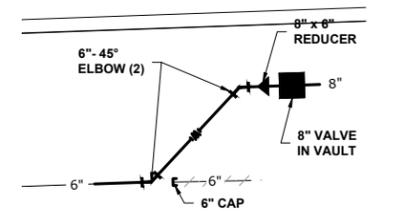
E.H.E. PROJECT NO. 665-19-23101



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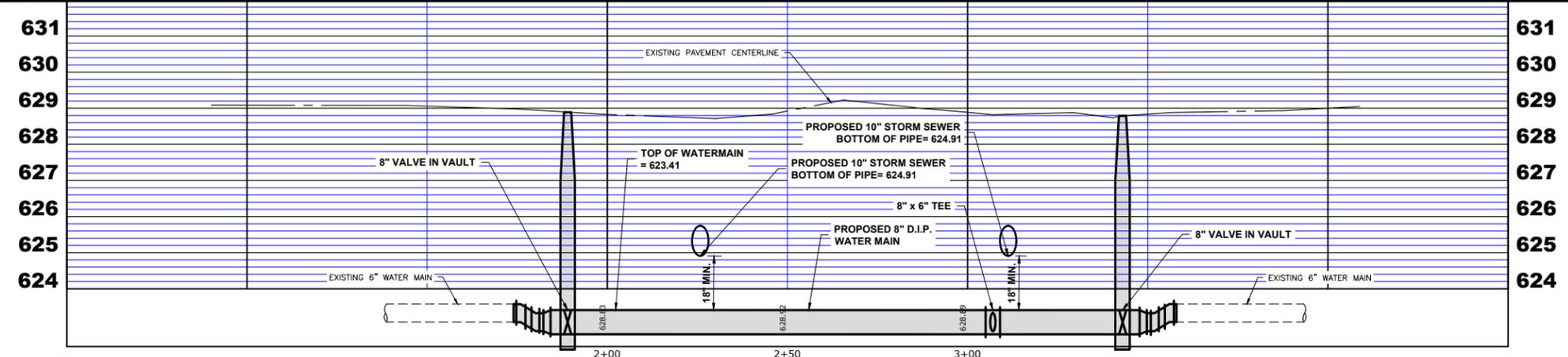


DETAIL "A"



DETAIL "B"

PROPOSED IMPROVEMENT



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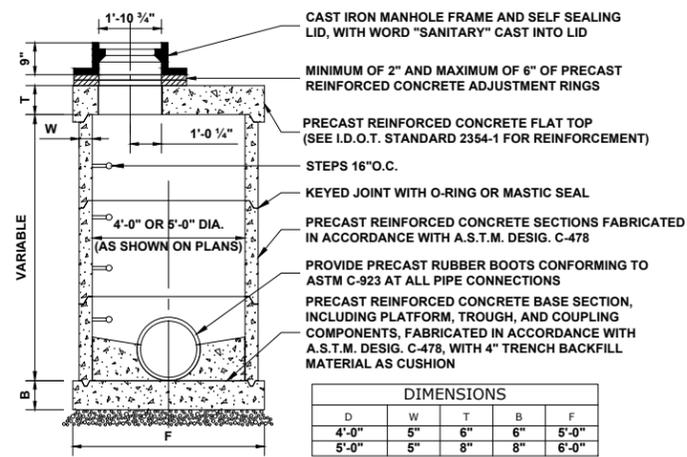
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DRAWN -	SFB, DMM	REVISED -
CHECKED -	WOP	REVISED -
DATE -	9-16-22	REVISED -

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WASHINGTON BOULEVARD	
UTILITY PLAN AND PROFILE	
SCALE: 1" = 20'	SHEET NO. 11 OF 11 SHEETS
STA. 0+00	TO STA. 4+00

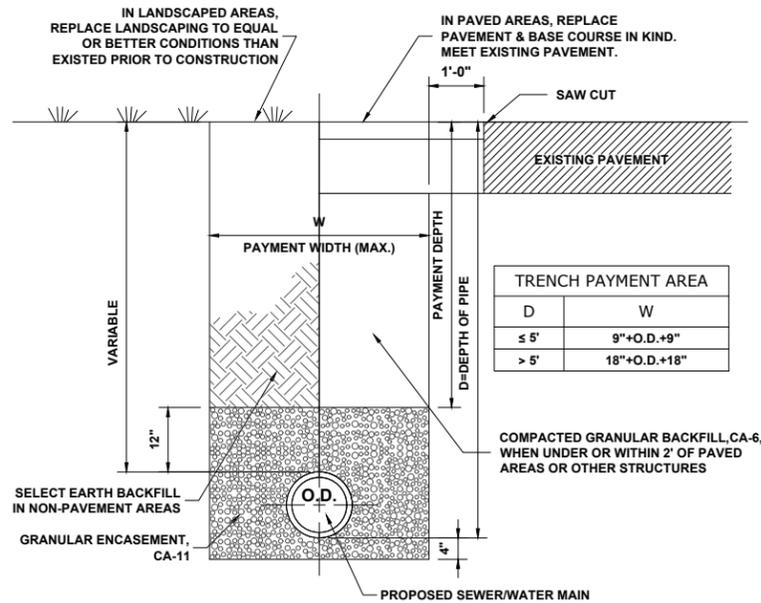
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	52
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 655-19-23101

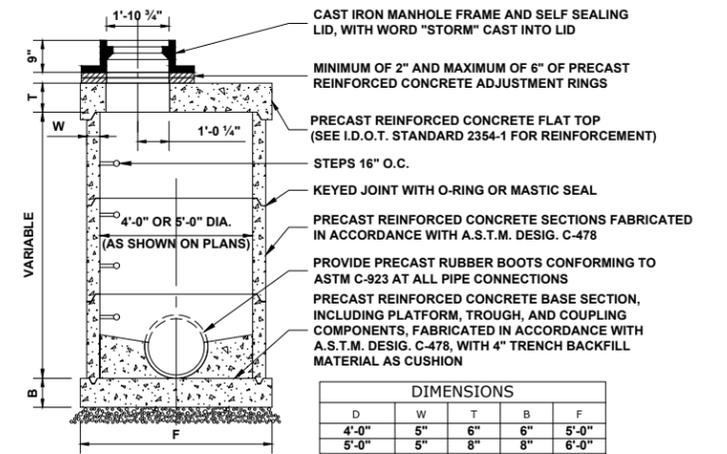


**RESTRICTED DEPTH
COMBINED/SANITARY MANHOLE**

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

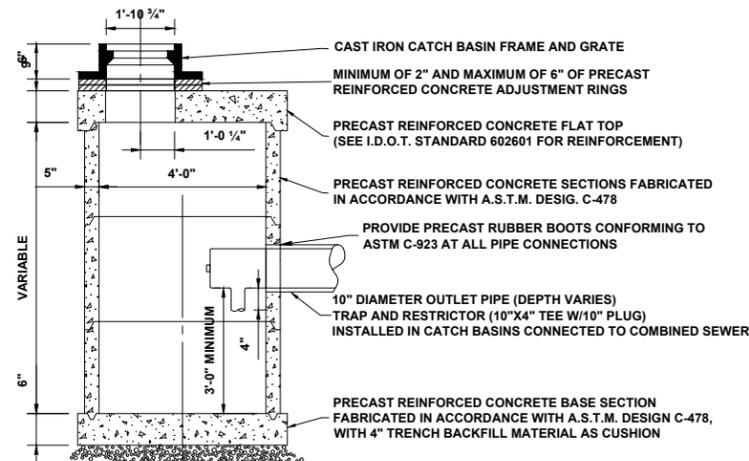


TYPICAL SEWER AND WATER MAIN TRENCH

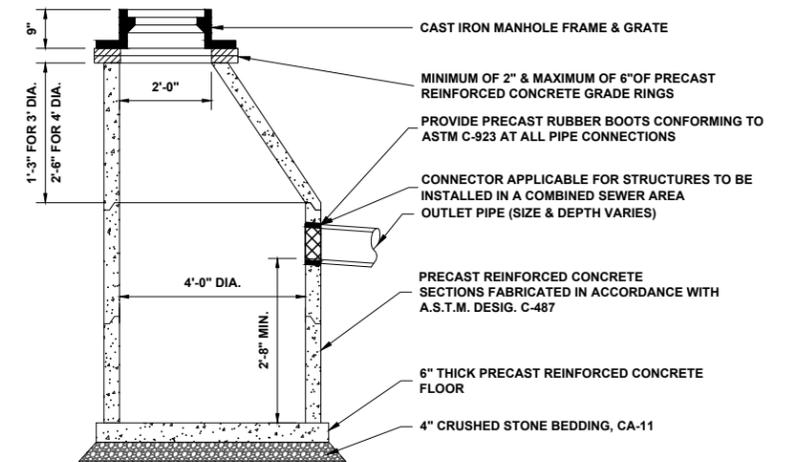


**RESTRICTED DEPTH
STORM MANHOLE**

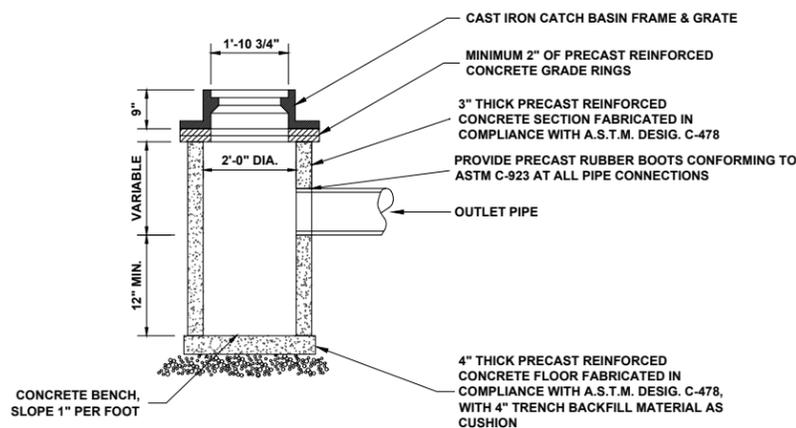
DIMENSIONS				
D	W	T	B	F
4'-0"	5"	6"	6"	5'-0"
5'-0"	5"	8"	8"	6'-0"



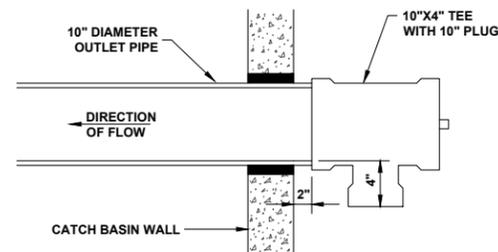
RESTRICTED DEPTH CATCH BASIN



CATCH BASIN, TYPE A



TY "C" CATCH BASIN



**10"x4" CATCH BASIN
TRAP AND RESTRICTOR**

(TO BE INSTALLED IN PROPOSED CATCH BASINS
CONNECTED TO THE COMBINED SEWER)

DRAINAGE AND UTILITIES NOTES

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 AT NO COMPENSATION TO THE CONTRACTOR.

COORDINATION OF ALL UTILITY WORK INVOLVED WITHIN THE CONSTRUCTION AREAS SHALL BE SUBJECT TO DISCUSSION AND CLARIFICATION AT A PRECONSTRUCTION MEETING.

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. THIS WORK SHALL BE PAID FOR AS TEMPORARY DRAINAGE CONNECTIONS.

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. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PROPOSED ITEMS BEING CONSTRUCTED.

ALL COSTS INVOLVED IN CONNECTING PROPOSED STORM SEWERS AND STORM STRUCTURES TO EXISTING STORM SEWERS OR PROPOSED STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE COST OF PROPOSED ITEMS BEING CONSTRUCTED.

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.

THE CONTRACTOR SHALL VERIFY THE TYPE OF ALL WATER MAIN HARDWARE INCLUDING VALVES, FIRE HYDRANTS, VALVE BOXES, CORPORATION STOPS, CURB STOPS, AND WATER SERVICES BOXES WITH THE UTILITY SUPERINTENDENT PRIOR TO ORDERING SUCH MATERIAL.

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.

ON ALL IMPROVEMENTS, THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES, AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF BROADVIEW AND BE SALVAGED. THE CONTRACTOR IS TO DELIVER FRAMES AND LIDS TO THE VILLAGE OF BROADVIEW PUBLIC WORKS YARD.

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.

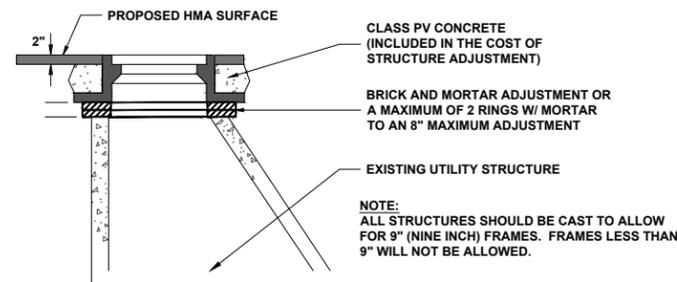
UNLESS OTHERWISE SPECIFIED, ABANDONED SEWERS AND DRAINS, AS DESIGNATED BY THE ENGINEER, SHALL BE PLUGGED WITH CLASS "SI" CONCRETE OR BRICK AND SUITABLE MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

SEWER PIPE INSTALLED ON THIS PROJECT SHALL CONFORM TO THE FOLLOWING STANDARD:

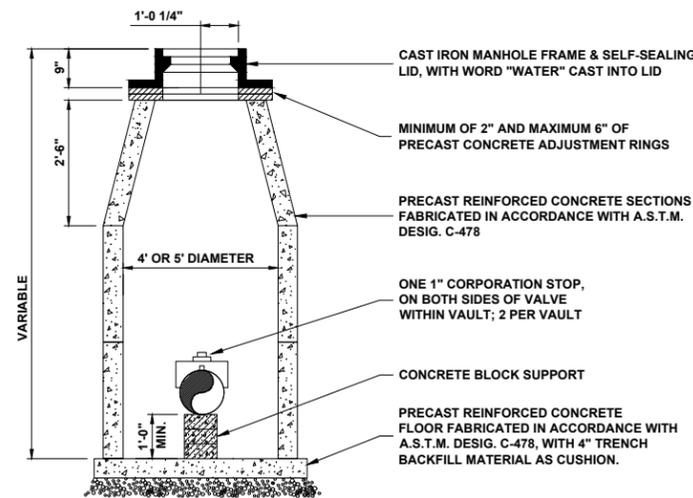
TYPE OF PIPE	MATERIAL STANDARD	JOINT STANDARD
REINFORCED CONCRETE PIPE	ASTM C-76	ASTM C-443
POLYVINYLCHLORIDE PIPE, SDR 26	ASTM D-2241	ASTM D-3139
DUCTILE IRON PIPE, CLASS 52	ASTM A-21.51	ASTM A-21.11

DUCTILE IRON PIPE SPECIFICATIONS

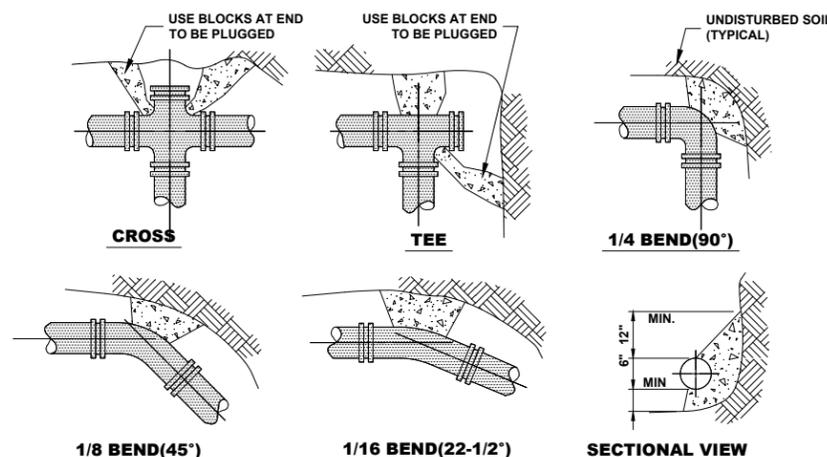
- ALL DUCTILE IRON PIPE WATER MAINS AND SEWER MAINS SHALL BE CLASS 52, CEMENT-LINED AND TAR-COATED, MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSIAWWA C151/A21.51 WITH "PUSH-ON" JOINTS MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSIAWWA C111/A21.11. WHERE SPECIFIED ON THE PLANS, OR IN THE SPECIFICATIONS, 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 ANSIAWWA C153/A21.53 AND ANSIAWWA 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 SIX (6) 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 ANSIAWWA C105/A21.5.



STRUCTURE ADJUSTMENT

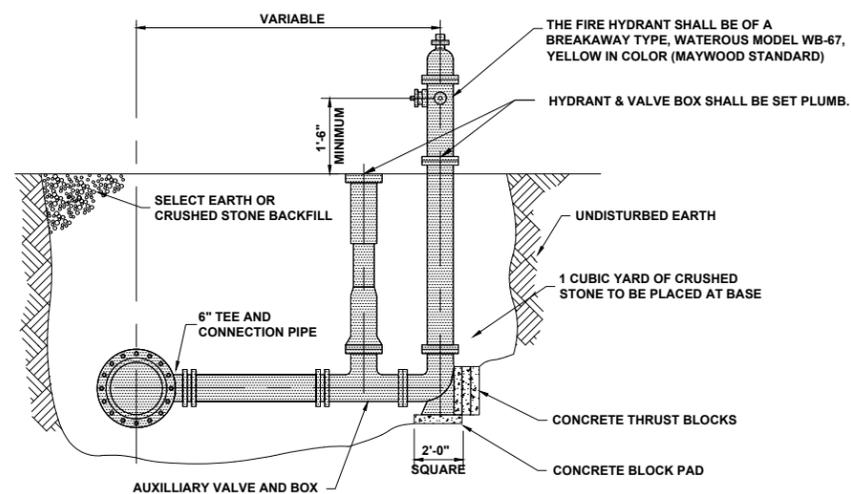


STANDARD VALVE VAULT

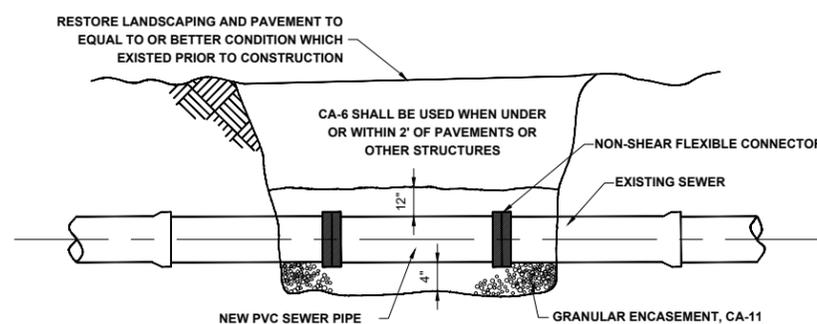


- NOTE:
- THRUST BLOCKS TO BE USED AT 1/16(22-1/2°) OR GREATER BENDS & AT ALL ENDS TO BE PLUGGED.
 - PRECAST CONCRETE THRUST BLOCKS TO BE PLACED AGAINST FIRM, UNDISTURBED SOIL.

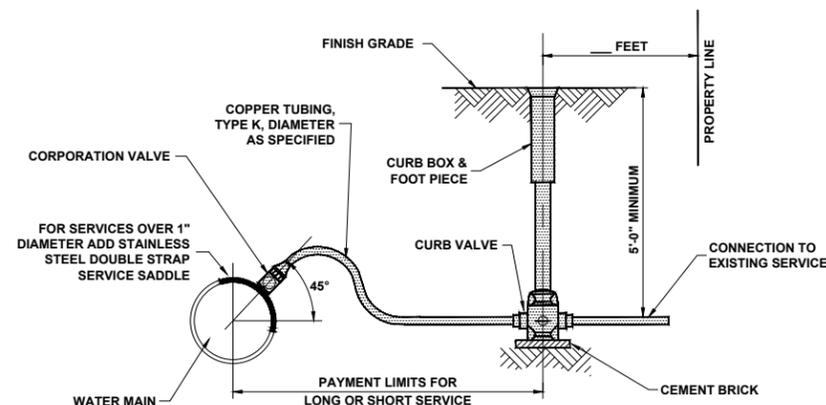
THRUST BLOCK



FIRE HYDRANT



TYPICAL SEWER PIPE REPAIR



NOTE: MAKE & MODEL OF WATER SERVICE COMPONENTS PER SPECIFICATIONS

WATER SERVICE

Drawing file: W:\Projects_by_Village\Maywood\56519231 - Washington Blvd - Ph II\04_MWRDGC_GeneralNotes.dwg Aug 05, 2022 - 5:04pm



PROJECT LOCATED IN THE VILLAGE OF MAYWOOD

- MWRD INTERCEPTOR
- TARP
- CONNECTION TO MWRD INTERCEPTOR
- CONNECTION TO TARP
- POINT OF DISCHARGE INTO LOCAL WATERWAY
- VILLAGE OF MAYWOOD STORM RELIEF AND OVERFLOW SEWER

NOTE:
 1. ALL SEWERS FROM PROJECT LOCATIONS TO DES PLAINES RIVER, MWRD INTERCEPTOR, OR TARP SYSTEM ARE OWNED AND MAINTAINED BY THE VILLAGE OF MAYWOOD.

PROVISO TOWNSHIP 39 NORTH, RANGE 12 EAST, SECTION 10

█ - PROJECT LOCATION
ROUTE OUTLET MAP



Civil Engineers
 Municipal Consultants
 Established 1911

DESIGNED -	SBC	REVISED -	
DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	55
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

PLAT OF HIGHWAYS

ROUTE: FAU 1411 (WASHINGTON BOULEVARD)

SECTION: 18-00139-00-PV

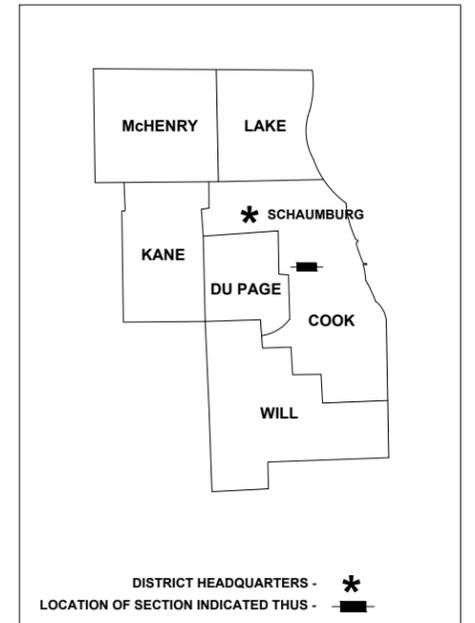
COUNTY: COOK

LIMITS: AT NINTH AVENUE

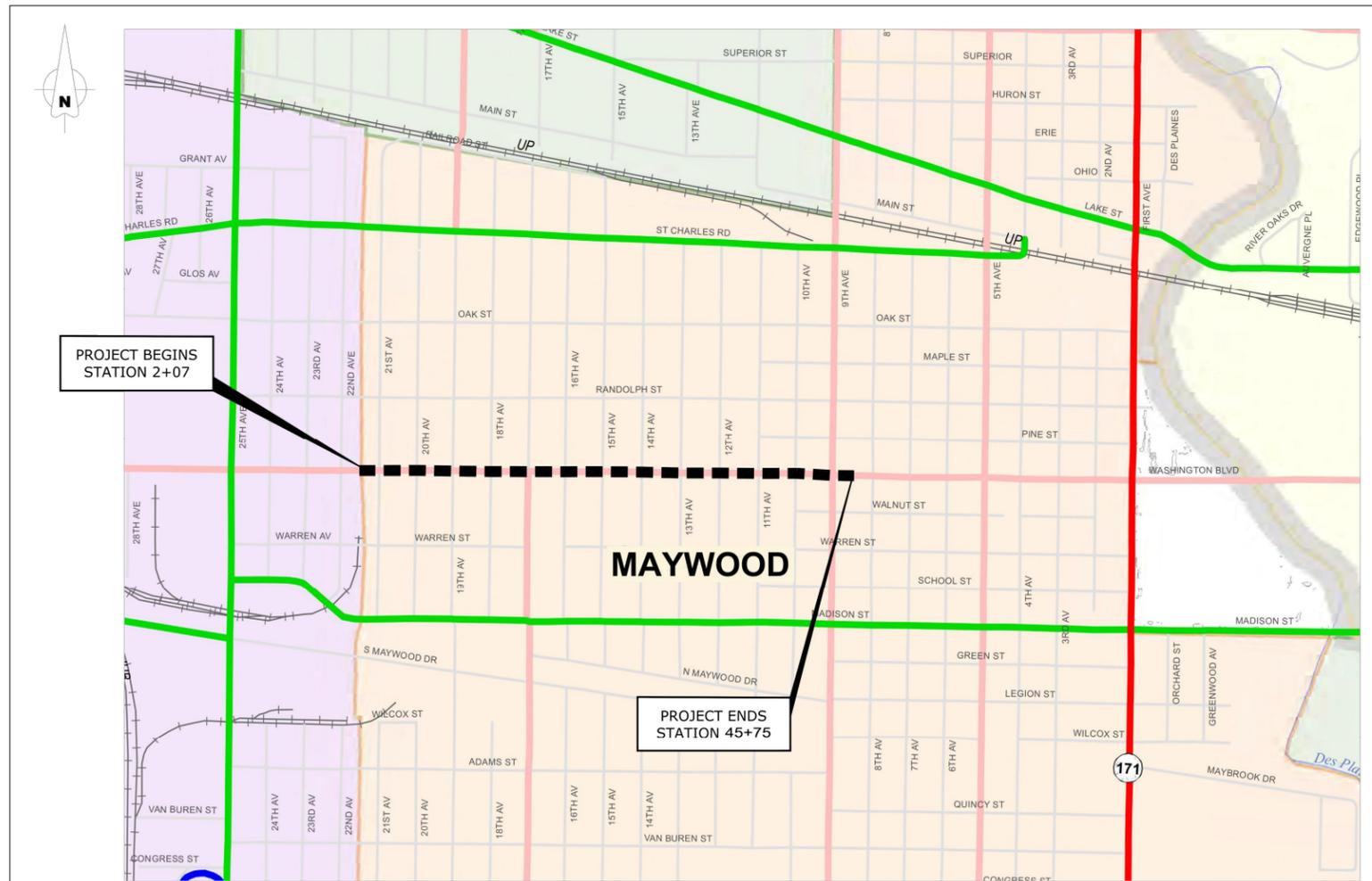
JOB NO.: C-91-187-18

PROJECT NO.: WQLN (497)

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001PE	Felmon Lopez and Rocio C. Lopez	2	
0002PE	Savadore Franco Orozco	2	
0003PE	Chicago Title Land Trust Company as Successor Trustee to the Lawndale Trust and Savings Bank as Trustee of the Trust Agreement dated November 22, 1974 and known as Trust Number 6287	2	
0004PE	Damell Braggs	2	



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OF THE STATE OF ILLINOIS**



LEGEND	
—	OTHER PRINCIPAL ARTERIAL
—	MINOR ARTERIAL
—	MAJOR COLLECTOR
■ ■ ■	PROPOSED IMPROVEMENTS

LOCATION MAP

GROSS LENGTH = 4368 FT = 0.827 MI
NET LENGTH = 4368 FT = 0.827 MI

SHEET 1 OF 2 SHEETS

IDOT USE ONLY

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Civil Engineers
Municipal Consultants
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DATE -	8-8-22	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAT OF HIGHWAYS FOR PERMANENT EASEMENTS			
MUN RTE.	SECTION	COUNTY	TOTAL SHEETS
1411	18-00139-00-PV	COOK	116
FIELD BOOK NO. : -		CONTRACT NO. 61J02	
SCALE: NONE		SHEET NO. 1 OF 2 SHEETS	
STA.		TO STA.	

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	56
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 856-19-23101

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
0001PE	0.134	--	--	0.134	0.001	50	15-10-419-009
0002PE	0.172	--	--	0.172	0.001	50	15-11-324-007
0003PE	0.167	--	--	0.167	0.001	50	15-11-332-017
0004PE	0.093	--	--	0.093	0.001	50	15-10-427-010

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	NORTHING	EASTING
100	1900186.33	1117467.77
101	1900196.71	1117477.39
102	1900195.86	1117543.47
103	1900186.19	1117553.83
104	1900120.24	1117556.27
105	1900109.92	1117546.65
106	1900110.77	1117480.57
107	1900120.38	1117470.21



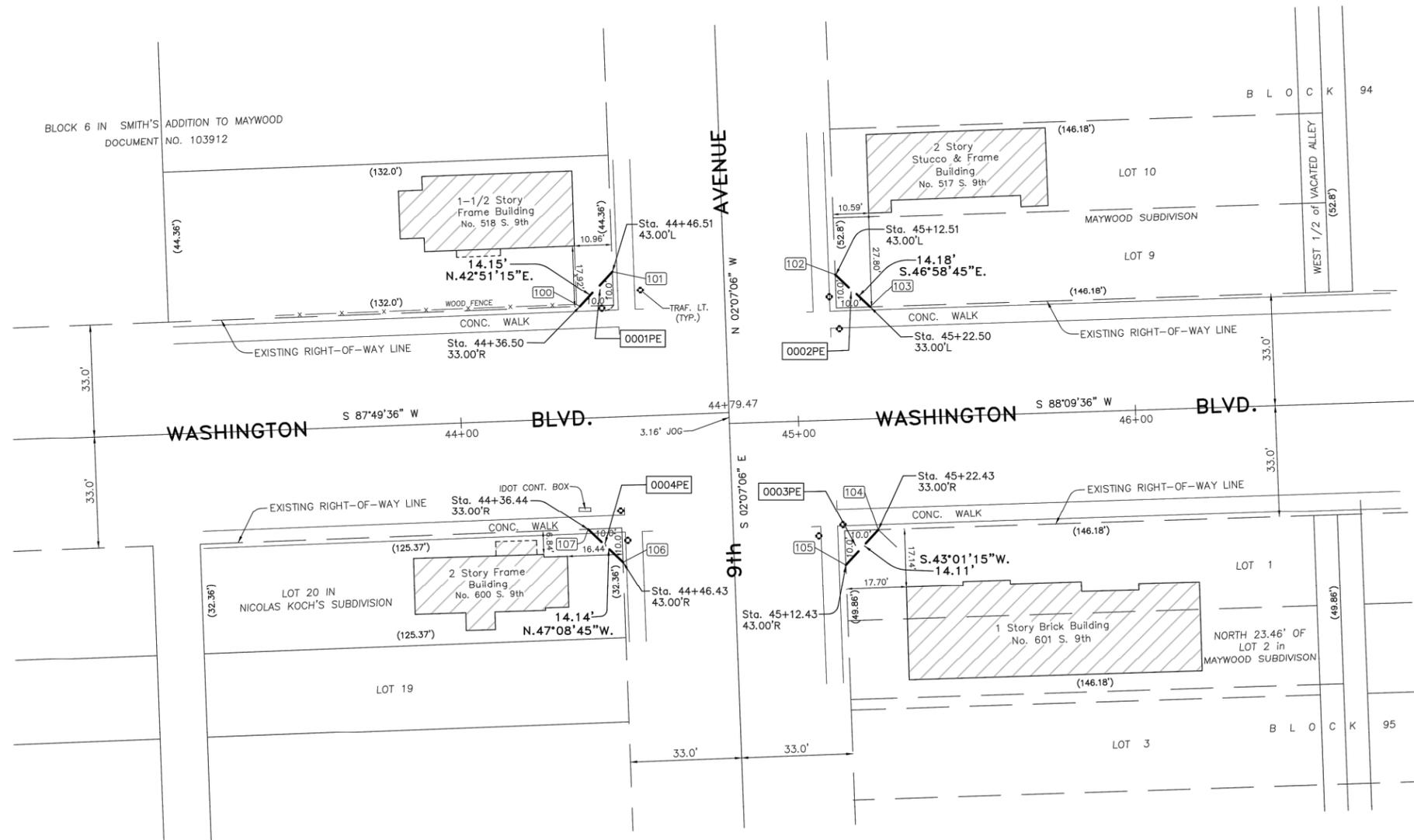
SECTION CORNER



QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 20
FEET
SCALE: 1" = 20'



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- + IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 - CUT CROSS FOUND OR SET ○ 5 / 8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99982904.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON AUGUST 25, 2020.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, MICHAEL L. KRICH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, KRISCH LAND SURVEYING, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-006866) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10 & 11, TOWNSHIP 39 NORTH, 12 RANGE EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2501
LICENSE EXPIRATION DATE: NOVEMBER 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

KRISCH LAND SURVEYING, LLC
P.O. BOX 929
PLAINFIELD, IL 60544
630-627-5589

**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
WASHINGTON BLVD.**

DOT USE ONLY

LIMITS: COUNTY: COOK
SECTION: JOB NO.: D-1-289-18
STA. 17+00 TO STA. 24+38.62
SCALE: 1" = 20' SHEET 1 OF 1

**BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196**

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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS
FOR PERMANENT EASEMENTS**

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	57

FIELD BOOK NO.: - CONTRACT NO. 61J02
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

E.H.E. PROJECT NO. 665-19-23101

SIGNING NOTES:

DESIGN: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 2013.

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.

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

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

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

JOB-SITE SIGNING CODES AND SIZES			JOB-SITE SIGNING CODES AND SIZES			JOB-SITE SIGNING CODES AND SIZES		
SYMBOL	SIGN	CODE & SIZE	SYMBOL	SIGN	CODE & SIZE	SYMBOL	SIGN	CODE & SIZE
		R1-1 30"x30"			R7-1 12"x18"			S4-3P 24"x8"
		R1-3P 18"x6"			R7-1 12"x18"			W3-1X 30"x30"
		R2-1 24"x30"			D9-2 18"x18"			TO BE REMOVED AND REPLACED BY CONTRACTOR
		R2-1 24"x30"			W15-1 30"x30"			R3-17 24"x18"
		R5-1 30"x30"						R5-16 12"x18"
		R6-2 18"x24"						S4-5 36"x36"
		R6-2 18"x24"						R9-3cP 12"x12"
		R7-8 12"x8"						R7-1 12"x18"
		R7-1101P 12"x6"			R5-2* 24"x24"			R6-6 24"x30"
		R2-6P 24"x18"						S4-1103 24"x12"
		R7-1 12"x18"						S5-2 24"x30"
		R7-1 12"x18"			E3-17bP 24"x8"			
		R7-1 12"x18"			W16-7P 24"x12"			
		S1-1 36"x36"			W16-7P 24"x12"			

SYMBOL DESCRIPTION
METAL POST - TYPE A

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DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

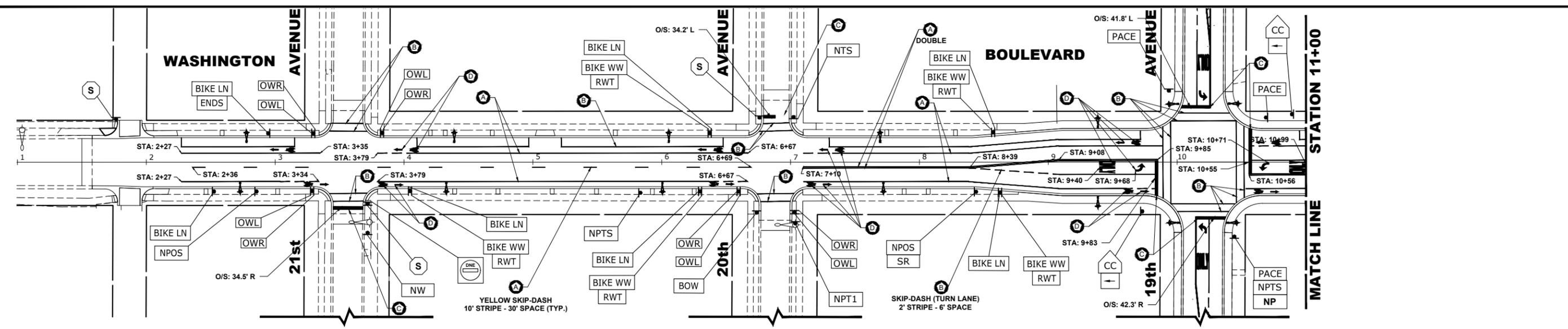
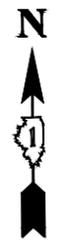
SIGNING PLAN LEGENDS AND NOTES

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	58
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

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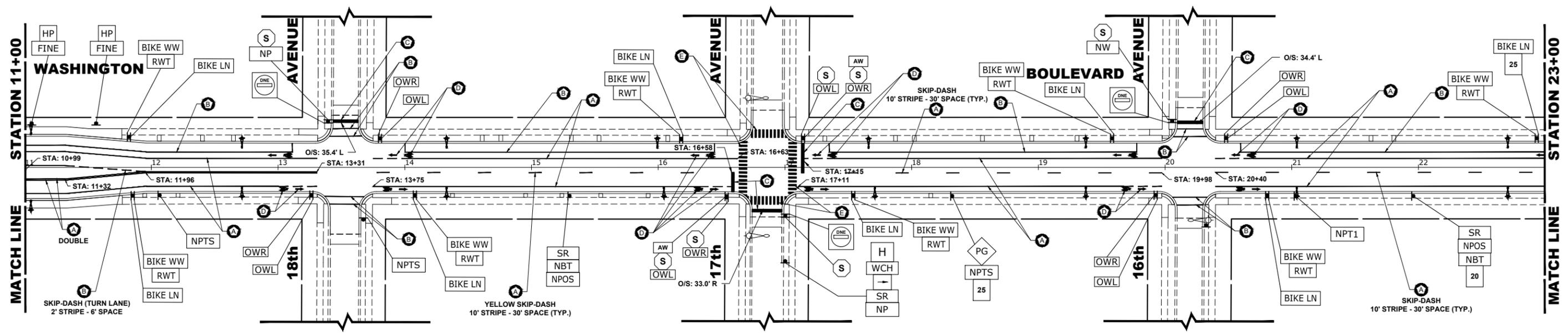


1. VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS ARE TO BE REMOVED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. AS DESIGNATED BY ENGINEER, THE CONTRACTOR SHALL REINSTALL SIGNS AFTER COMPLETION OF PROJECT. REMOVAL AND NEW REPLACEMENT OF VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS AND THEIR POSTS ARE TO BE DETERMINED 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 I" PAY ITEM)
2. 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)
3. ALL POSTS TO BE TYPE A UNLESS OTHERWISE NOTED.
4. CONTRACTOR TO VERIFY LOCATIONS OF ALL SIGNAGE.
5. CROSSWALK 12" BARS SPACED AT 3' CENTER TO CENTER.
6. ALL MARKINGS ARE WHITE UNLESS OTHERWISE NOTED.

ITEM DESCRIPTION

- THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- THERMOPLASTIC PAVEMENT MARKING - LINE 12"

SYMBOL



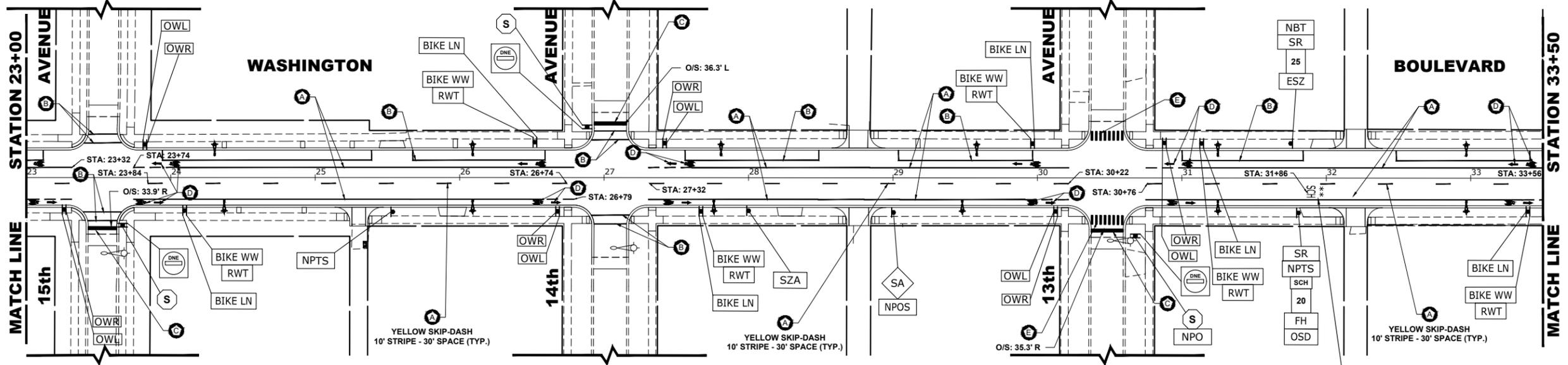
CIVIL Engineers
 Municipal Consultants
 Established 1911
 7900 Roosevelt Road
 Westchester, IL 60154-2700
 Phone: 708-666-0900
 www.hancockeng.com

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DRAWN -	SFB, DMM	REVISED -
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DATE -	8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
 SCALE: 1" = 40'
 SHEET NO. 1 OF 2 SHEETS
 STA. 0+00 TO STA. 12+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	59
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



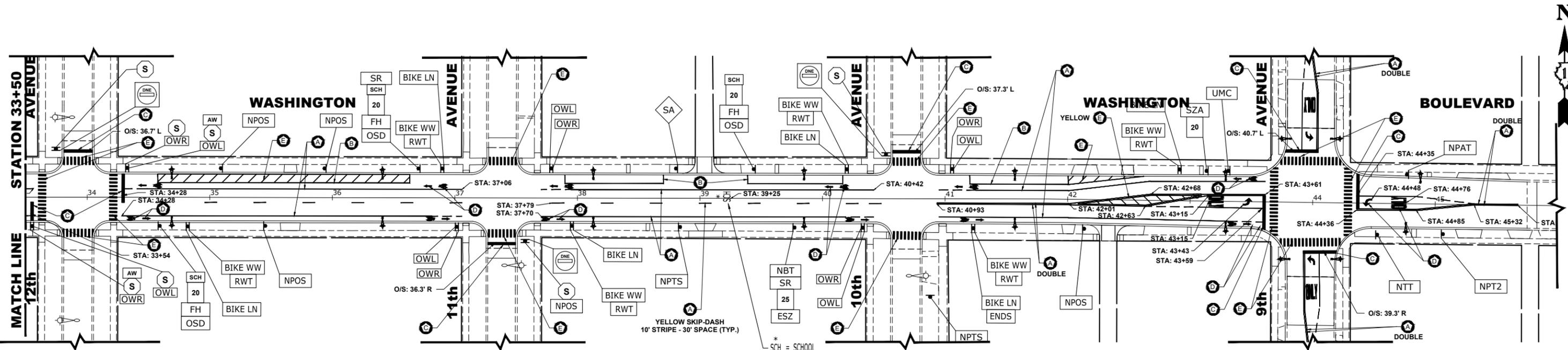
NOTE:

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- 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.
- ALL MARKINGS ARE WHITE UNLESS OTHERWISE NOTED.

ITEM DESCRIPTION

- THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- THERMOPLASTIC PAVEMENT MARKING - LINE 12"

SYMBOL



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 Sep. 02, 2022 - 10:22am
 E.H.E. PROJECT NO. 565-19-23101



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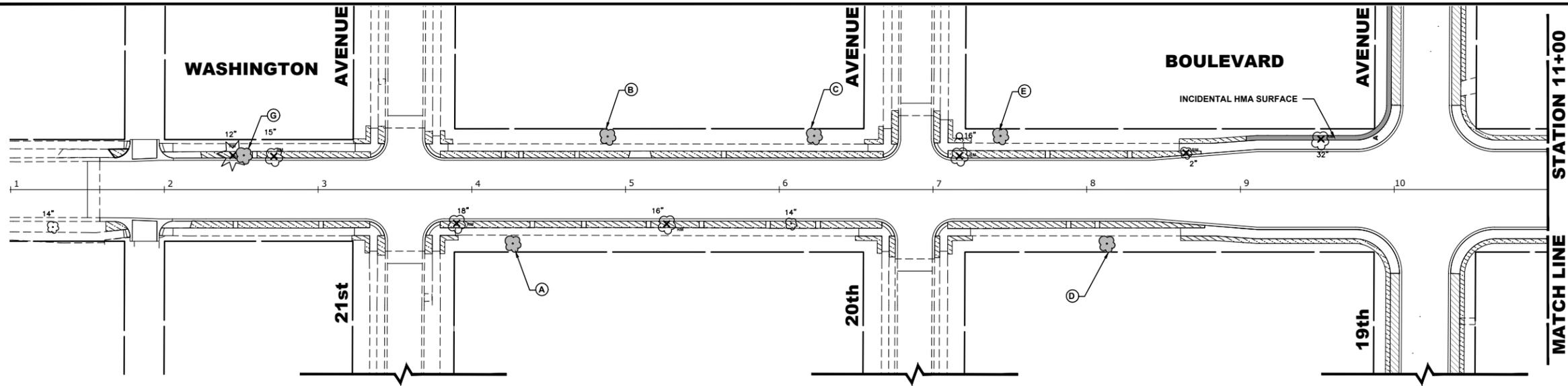
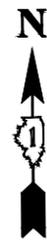
DESIGNED -	SBC	REVISED -
DRAWN -	SFB, DMM	REVISED -
CHECKED -	WOP	REVISED -
DATE -	8-8-22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 12+00 TO STA. 17+45

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	60
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND OF SYMBOLS

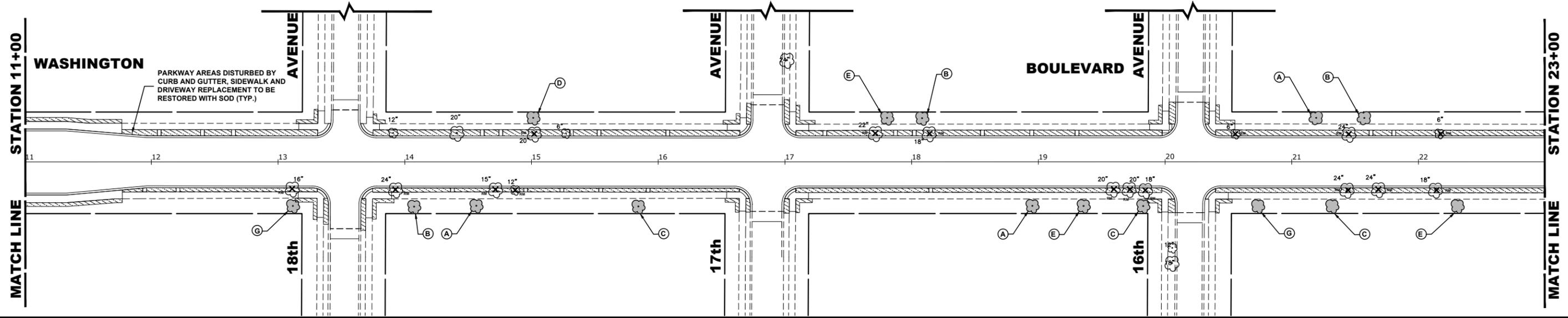
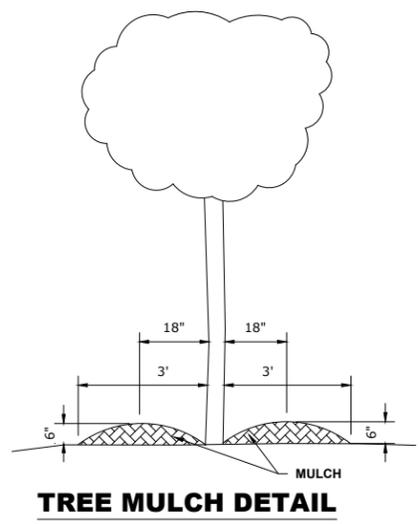
SYMBOL	DESCRIPTION
	PROPOSED SODDED PARKWAY
	PROPOSED CONCRETE AREA
	PROPOSED HOT-MIX ASPHALT AREA

LANDSCAPING NOTES

- SODDING:**
 ALL DISTURBED AREAS INDICATED ON CROSS SECTION OR LANDSCAPING PLANS TO BE SODDED, INCLUDING FERTILIZER NUTRIENTS*, AND SUPPLEMENTAL WATERING WHICH IS TO BE USED AFTER THE INITIAL WATERING (AS SPECIFIED AND AS DIRECTED BY THE ENGINEER) AT THE RATE OF 10 GALLONS PER SQUARE YARD SODDING. SODDED SLOPES WHICH ARE 2:1 OR STEEPER SHALL BE STAKED. (PROVIDE A 3" STRIP AROUND CATCH BASINS IN SEEDED AREAS).
- 4" TOP SOIL LAYER:**
 SOIL SHALL BE SPREAD AS INDICATED ON THE TYPICAL CROSS SECTIONS.
- A MINIMUM OF GRADING TO BE PERMITTED WITHIN AN APPROXIMATE RADIUS OF 6' FROM ALL TREES TO BE SAVED AS DETERMINED BY THE ENGINEER.
- MULCH:**
 MULCH TO BE PLACED AROUND ALL TREES LOCATED IN AREAS THAT ARE TO BE SODDED.
- PROPOSED TREES:**
 ALL PROPOSED TREES SHALL FOLLOW THE FOLLOWING MINIMUM DISTANCES:
 *THREE FEET (3') FROM NEAREST MAINLINE WALK
 *THREE FEET (3') FROM NEAREST CARRIAGE WALK
 *FOUR FEET (4') FROM NEAREST FACE OF CURB
 *TEN FEET (10') FROM FIRE HYDRANTS

TREE REPLACEMENT

SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
A	IMPERIAL THORNLESS HONEYLOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL	1-3/4" CALIPER	5
B	GREENSPIRE LITTLE LEAF LINDEN	TILIA CORDATA GREENSPIRE	2" CALIPER	5
C	AUTUMN BLAZE FREEMAN MAPLE	ACER FREEMANII	2" CALIPER	5
D	DAVID CRABAPPLE	MALUS DAVID	2-1/2" CALIPER	5
E	WHITE OAK	QUERCUS ALBA	2" CALIPER	5
G	IVORY SILK JAPANESE TREE LILAC	SYRINGA RETICULATA IVORY SILK	2" CALIPER	5



Drawing File: W:\Projects_by_Village\Maywood\56519231 - Washington Blvd - Ph. II\Site\Washington Blvd_Ph. 2_40coll.dwg
 Aug 05, 2022 - 5:05pm
 444 West Main Street
 HANCOCK ENGINEERING
 CIVIL ENGINEERS
 MUNICIPAL CONSULTANTS
 ESTABLISHED 1911
 7900 Roosevelt Road
 Westchester, IL 60154-2700
 Phone: 708-666-0900
 www.hancock.com



DESIGNED - SBC
 DRAWN - SFB, DMM
 CHECKED - WOP
 DATE - 8-8-22

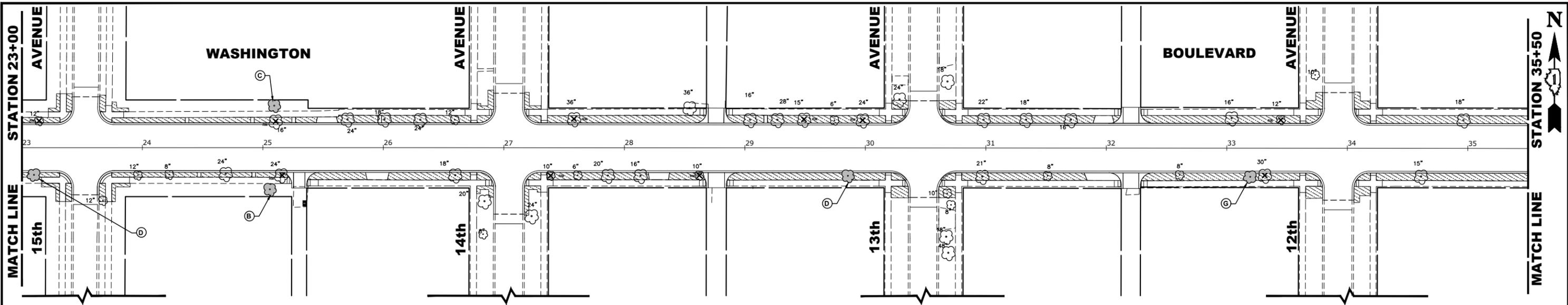
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
 SCALE: 1" = 40'
 SHEET NO. 1 OF 2 SHEETS
 STA. 0+00 TO STA. 12+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	61
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101



LANDSCAPING NOTES

SODDING:

ALL DISTURBED AREAS INDICATED ON CROSS SECTION OR LANDSCAPING PLANS TO BE SODDED, INCLUDING FERTILIZER NUTRIENTS*, AND SUPPLEMENTAL WATERING WHICH IS TO BE USED AFTER THE INITIAL WATERING (AS SPECIFIED AND AS DIRECTED BY THE ENGINEER) AT THE RATE OF 10 GALLONS PER SQUARE YARD SODDING. SODDED SLOPES WHICH ARE 2:1 OR STEEPER SHALL BE STAKED. (PROVIDE A 3" STRIP AROUND CATCH BASINS IN SEED AREAS).

4" TOP SOIL LAYER:

SOIL SHALL BE SPREAD AS INDICATED ON THE TYPICAL CROSS SECTIONS.

A MINIMUM OF GRADING TO BE PERMITTED WITHIN AN APPROXIMATE RADIUS OF 6' FROM ALL TREES TO BE SAVED AS DETERMINED BY THE ENGINEER.

MULCH:

MULCH TO BE PLACED AROUND ALL TREES LOCATED IN AREAS THAT ARE TO BE SODDED.

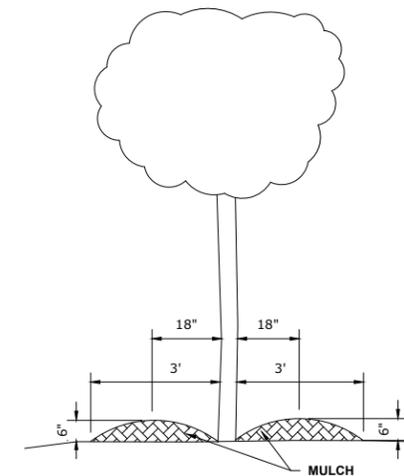
PROPOSED TREES:

ALL PROPOSED TREES SHALL FOLLOW THE FOLLOWING MINIMUM DISTANCES:

- *THREE FEET (3') FROM NEAREST MAINLINE WALK
- *THREE FEET (3') FROM NEAREST CARRIAGE WALK
- *FOUR FEET (4') FROM NEAREST FACE OF CURB
- *TEN FEET (10') FROM FIRE HYDRANTS

TREE REPLACEMENT

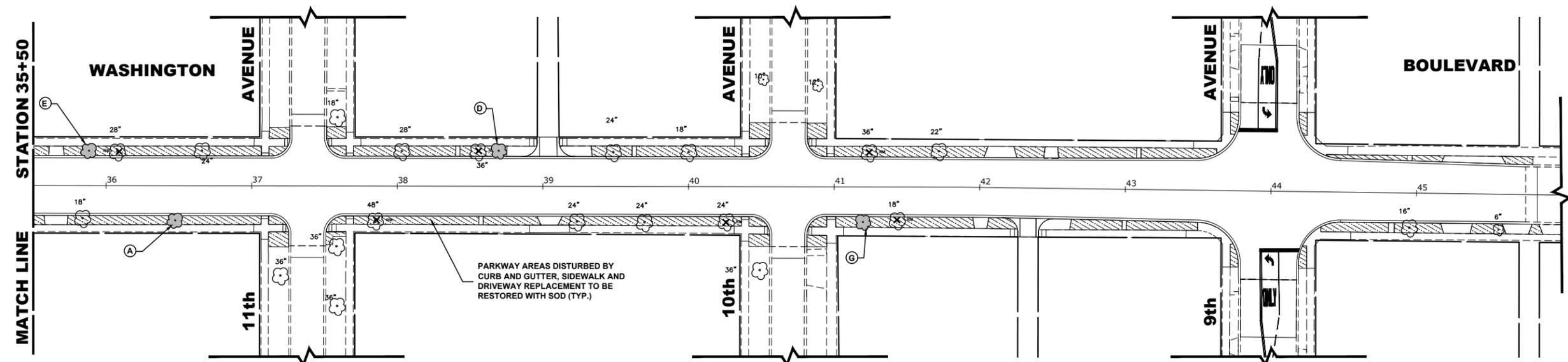
SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
A	IMPERIAL THORNLESS HONEYLOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL	1-3/4" CALIPER	5
B	GREENSPIRE LITTLE LEAF LINDEN	TILIA CORDATA GREENSPIRE	2" CALIPER	5
C	AUTUMN BLAZE FREEMAN MAPLE	ACER FREEMANII	2" CALIPER	5
D	DAVID CRABAPPLE	MALUS DAVID	2-1/2" CALIPER	5
E	WHITE OAK	QUERCUS ALBA	2" CALIPER	5
G	IVORY SILK JAPANESE TREE LILAC	SYRINGA RETICULATA IVORY SILK	2" CALIPER	5

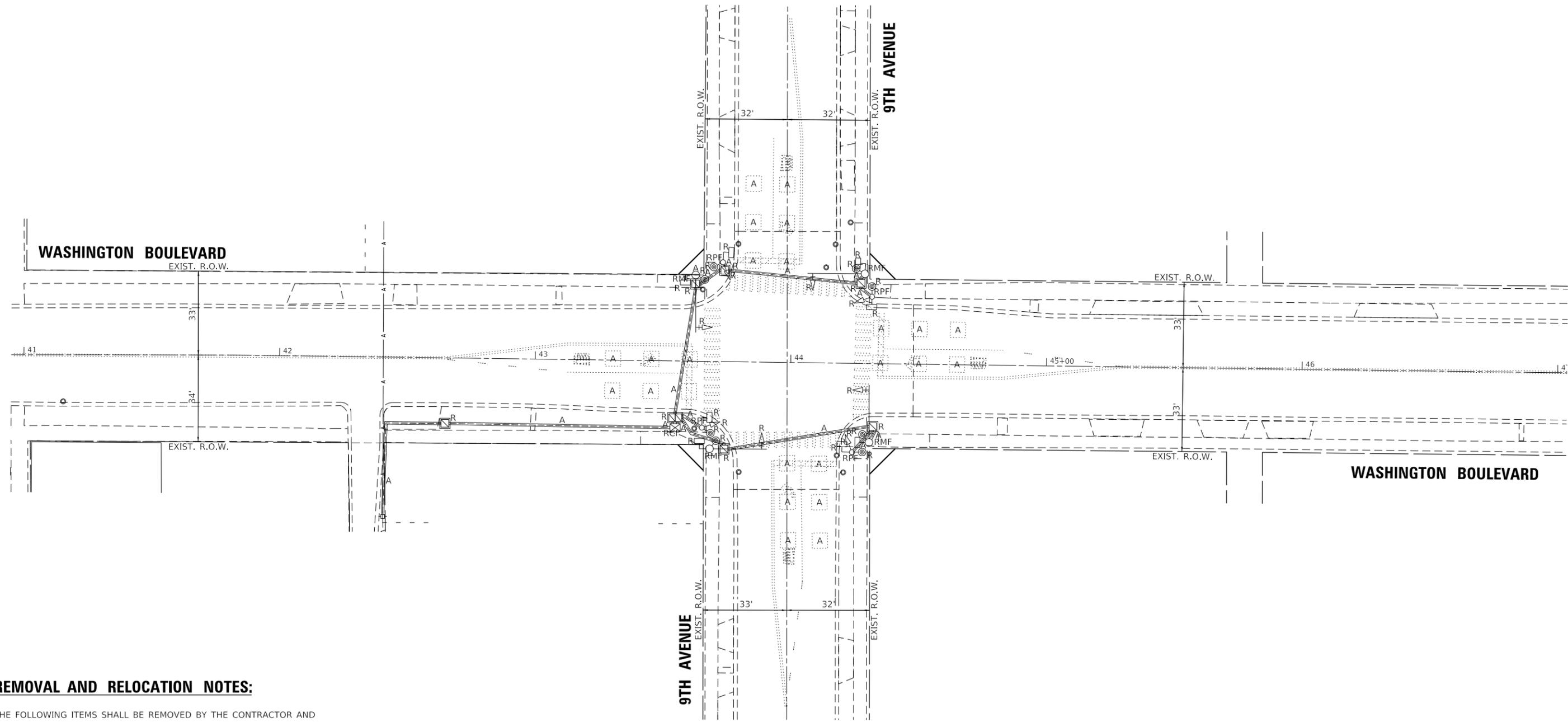


TREE MULCH DETAIL

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
	PROPOSED SODDED PARKWAY
	PROPOSED CONCRETE AREA
	PROPOSED HOT-MIX ASPHALT AREA





REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POST
- 4 EACH TRAFFIC SIGNAL POST
- 8 EACH 3-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 4 EACH TRAFFIC SIGNAL BACKPLATE

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 1

FILE NAME = 5419.800-Signal-Sheet.dgn
5419.800
9th Removal

USER NAME = zwallsten
PLOT SCALE = 1:20
PLOT DATE = 10/6/2022

DESIGNED - RIJ
DRAWN - ZCW
CHECKED - RIJ
DATE - 10/7/2022

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

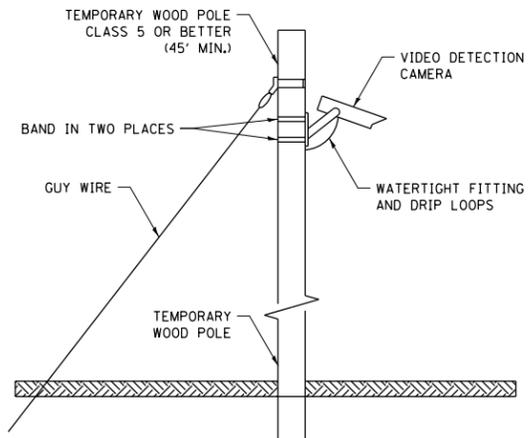
**TRAFFIC SIGNAL REMOVAL PLAN
WASHINGTON BOULEVARD AND 9TH AVENUE**

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

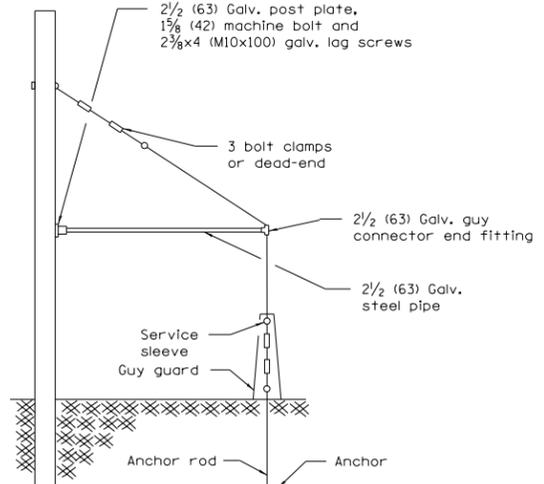
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	63
CONTRACT NO. 61J02			ILLINOIS FED. AID PROJECT	



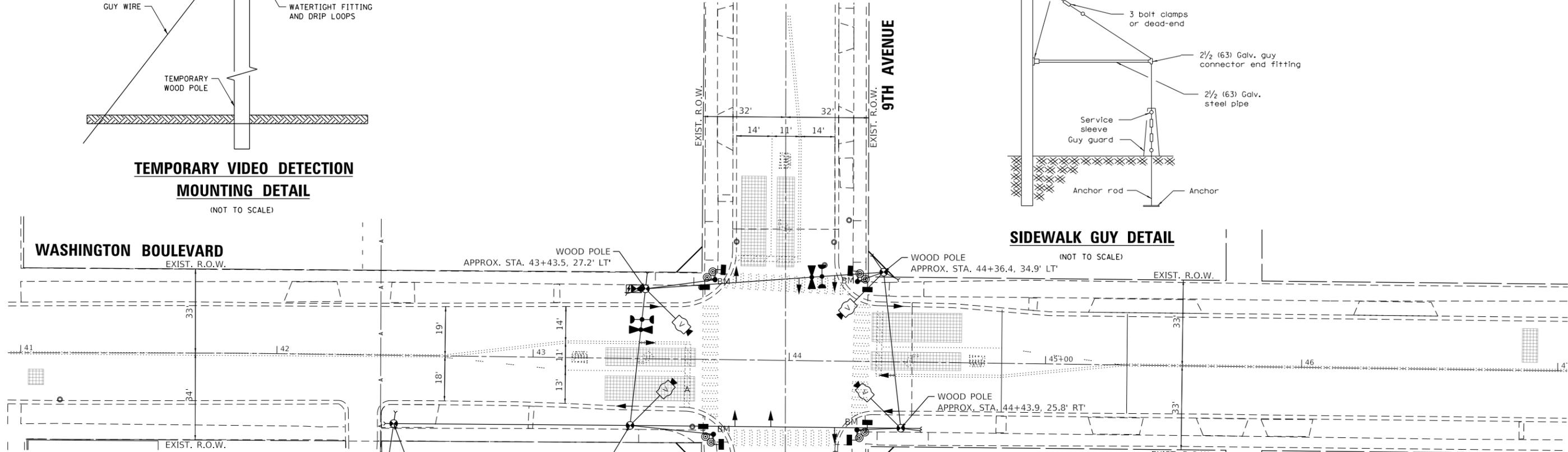
**EXPIRES NOVEMBER 30, 2023
FOR SHEETS 63 TO 82**



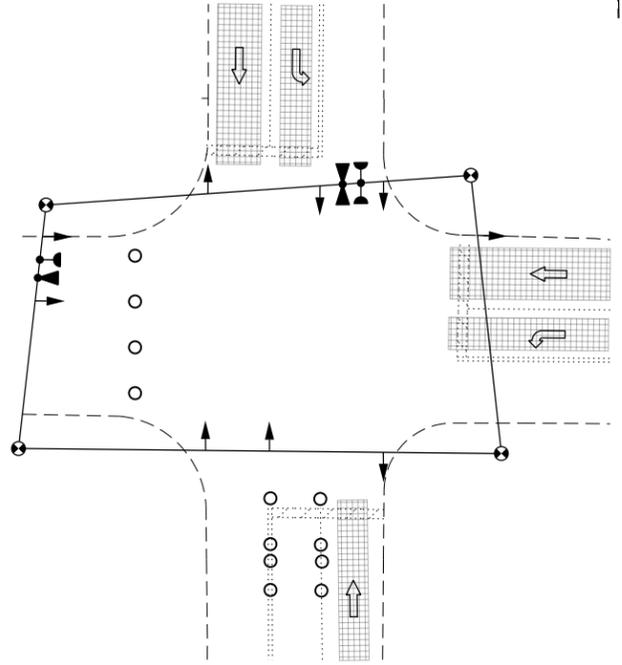
TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



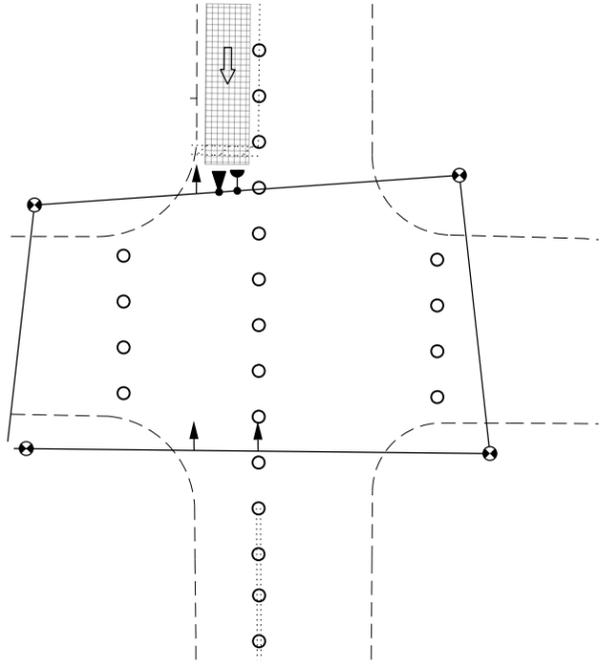
SIDEWALK GUY DETAIL
(NOT TO SCALE)



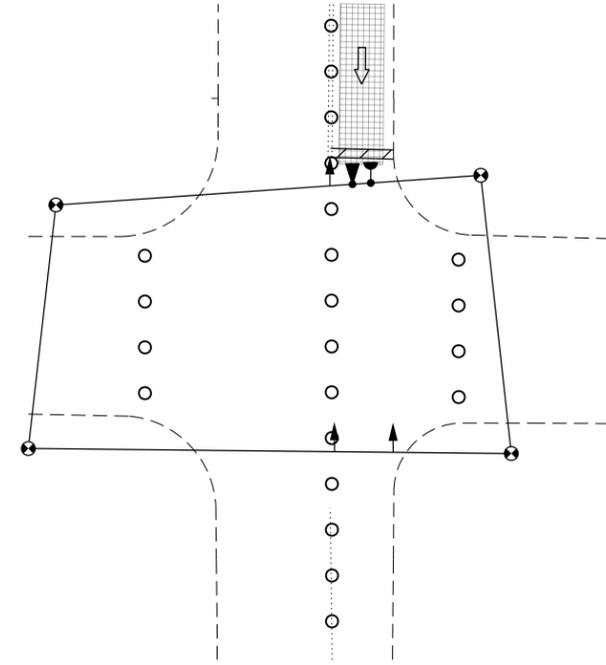
TEMPORARY TRAFFIC SIGNAL PLAN PHASES 1 & 2



TEMPORARY TRAFFIC SIGNAL PLAN PHASE 3A



TEMPORARY TRAFFIC SIGNAL PLAN PHASE 3B



GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 2

FILE NAME = 5419.800-Signal-Sheet.dgn
5419.800
9th Temp

USER NAME = zwallsten
PLOT SCALE = 1:20
PLOT DATE = 10/6/2022

DESIGNED - RJH
DRAWN - ZCW
CHECKED - RJH
DATE - 10/7/2022

REVISED -
REVISED -
REVISED -
REVISED -

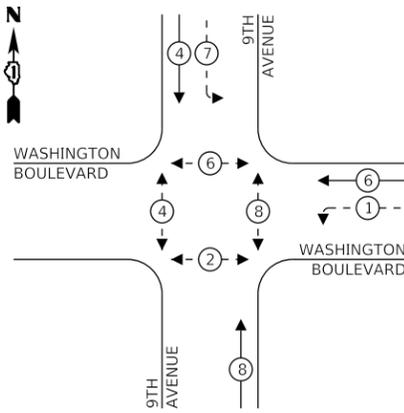
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN (PRESTAGE)
WASHINGTON BOULEVARD AND 9TH AVENUE
SCALE: 1"=20'
SHEET OF SHEETS STA. TO STA.

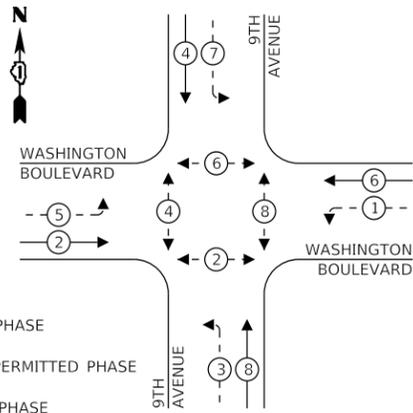
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	64
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				



**TEMPORARY
CONTROLLER SEQUENCE
STAGES 1 AND 2**



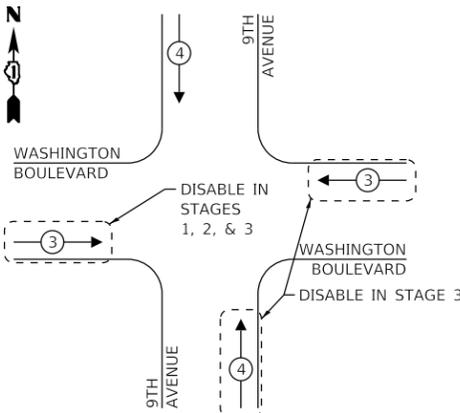
**TEMPORARY
CONTROLLER SEQUENCE
PRESTAGE AND FINAL STAGE**



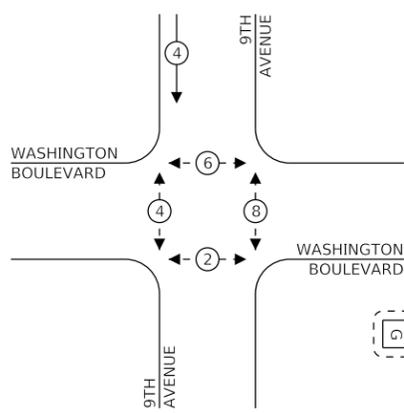
LEGEND:

- ⊛ PROTECTED PHASE
- ⊛- - PROTECTED/PERMITTED PHASE
- ⊛-⊛ PEDESTRIAN PHASE
- ⊛ OL OVERLAP

**TEMPORARY
EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



**TEMPORARY
CONTROLLER SEQUENCE
STAGE 3**



**WASHINGTON
BOULEVARD**

9TH AVENUE

**WASHINGTON
BOULEVARD**

9TH AVENUE

CONSTRUCTION NOTES:

- ① DISCONNECT AND BAG THE SIGNAL HEADS FOR PHASES 2, 3, AND 5 IN STAGES 1, 2, AND 3.
- ② DISCONNECT AND BAG THE SIGNAL HEADS FOR PHASE 1, 6, 7, AND 8 IN STAGES 3A AND 3B.

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	20
(GREEN)	12	12	45	64.8
PROT-PERM ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
TOTAL =				601.8

ENERGY COSTS TO:
VILLAGE OF MAYWOOD
 40 MADISON STREET
 MAYWOOD, IL 60153
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: _____
 ACCOUNT NUMBER: _____

**CABLE PLAN
(NOT TO SCALE)**

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 3

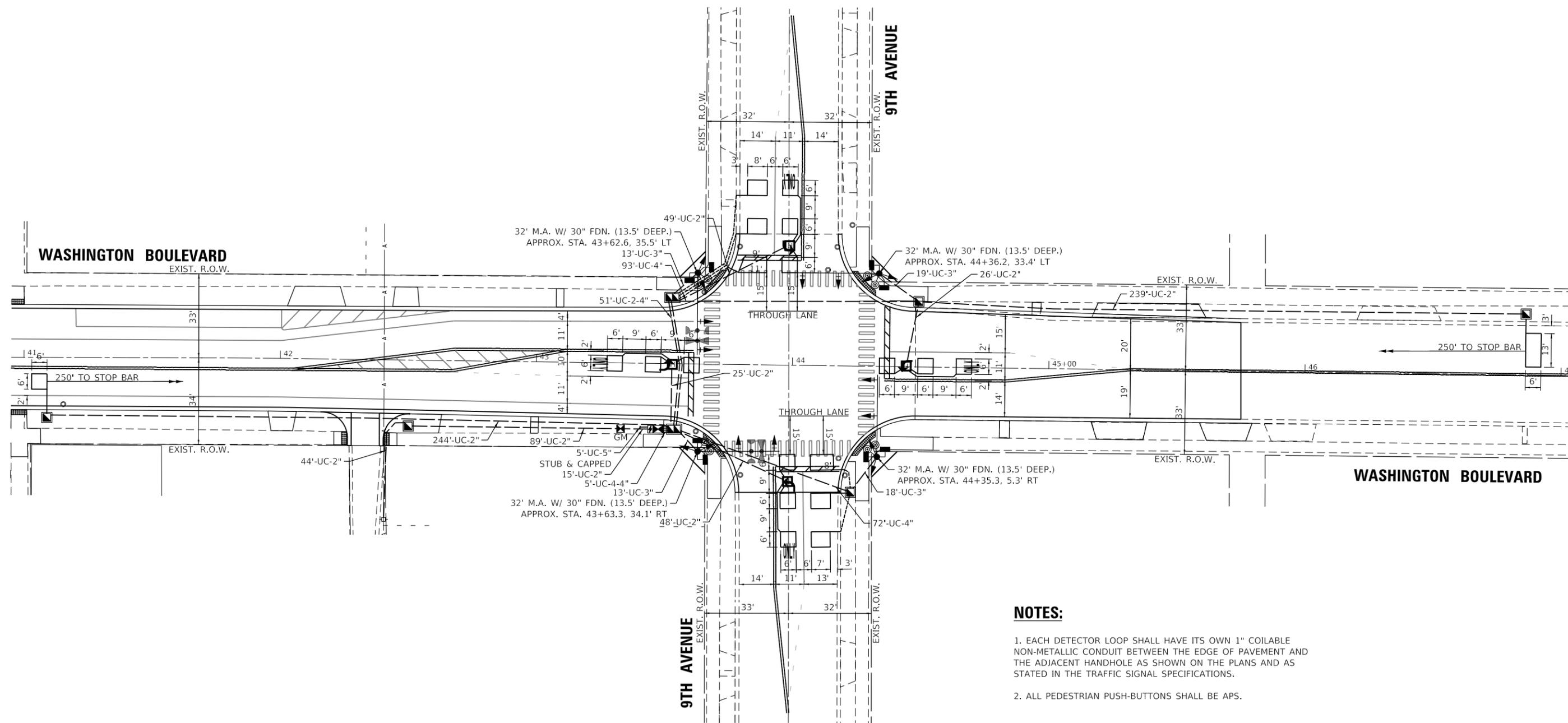
FILE NAME = 5419.800-Cable-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
9th Temp	PLOT DATE = 10/6/2022	CHECKED - RIJ	REVISED -
		DATE - 10/7/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
WASHINGTON BOULEVARD AND 9TH AVENUE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	65
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 4

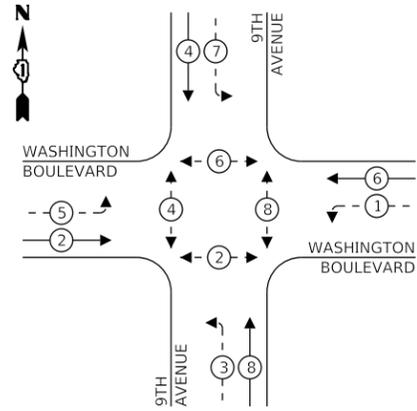
FILE NAME = 5419.800-Signal-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
9th Perm	PLOT DATE = 10/6/2022	CHECKED - RJH	REVISED -
	DATE = 10/7/2022	DATE - 10/7/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODERNIZATION PLAN WASHINGTON BOULEVARD AND 9TH AVENUE			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	66
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				

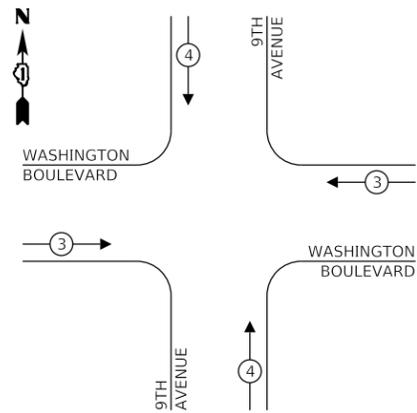
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * → OL OVERLAP

**PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



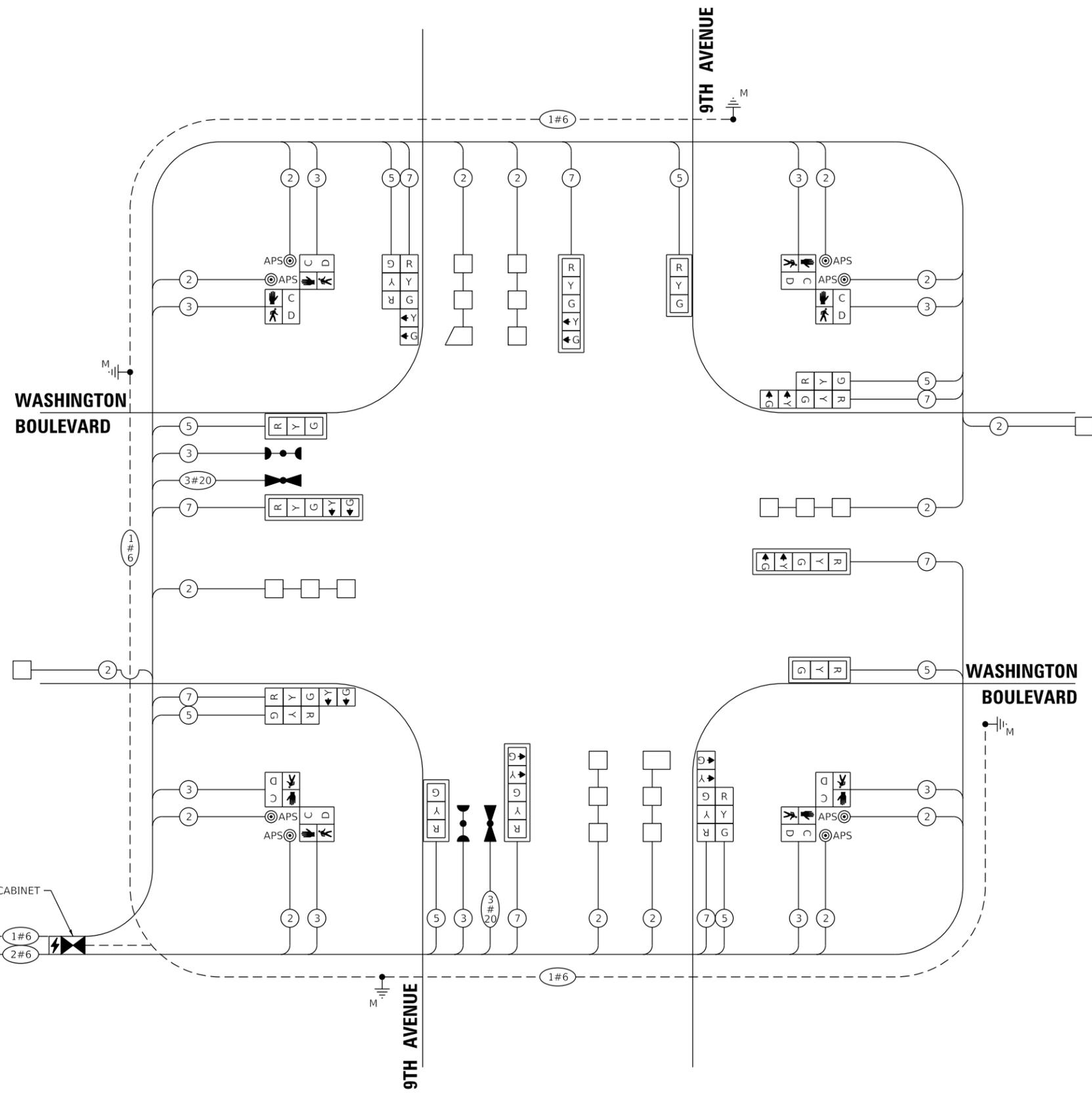
**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	86.4
PROT-PERM ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
TOTAL =				491.4

ENERGY COSTS TO:

VILLAGE OF MAYWOOD
40 MADISON STREET
MAYWOOD, IL 60153

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____
ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 5

FILE NAME = 5419.800-Cable-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
9th Perm	PLOT DATE = 10/6/2022	CHECKED - RIJ	REVISED -
		DATE - 10/7/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

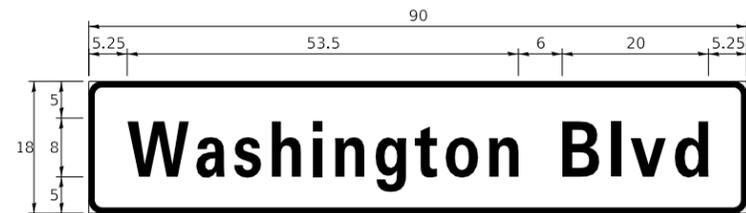
**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WASHINGTON BOULEVARD AND 9TH AVENUE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

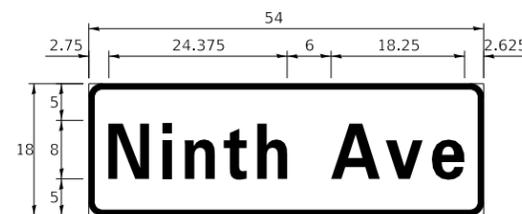
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	67
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	1	ZZ	2



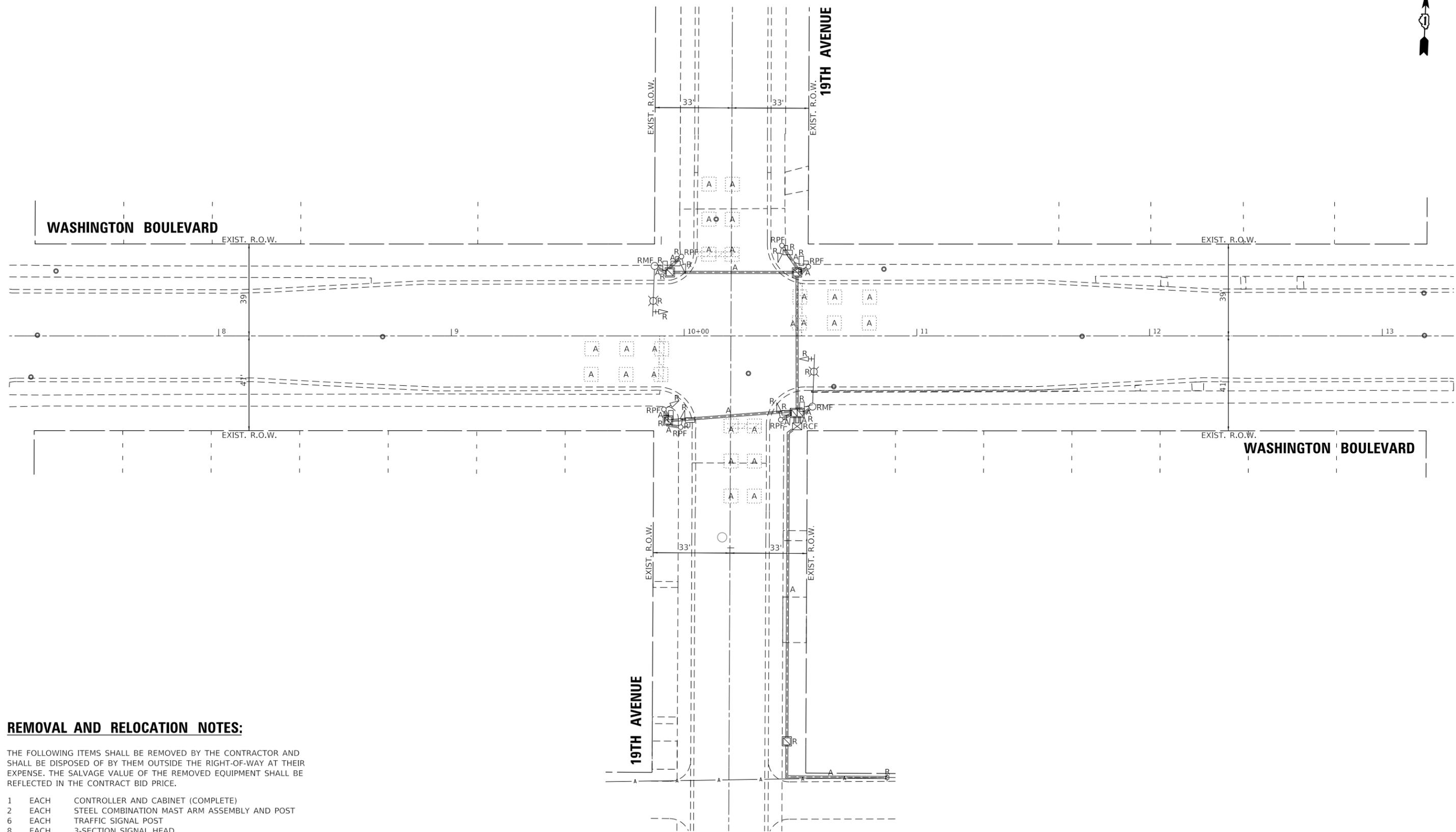
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.75	1	ZZ	2

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	13.5
SIGN PANEL - TYPE 2	SQ FT	22.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	697
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	64
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	307
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	797
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,076
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,173
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,226
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,400
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	191
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	573
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	635
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	237
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

FILE NAME = 5419.800-Signage.dgn	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
9TH	PLOT DATE = 10/6/2022	CHECKED - RJH	REVISED -
		DATE - 10/7/2022	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	68
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 2 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POST
- 6 EACH TRAFFIC SIGNAL POST
- 8 EACH 3-SECTION SIGNAL HEAD
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION
- 2 EACH TRAFFIC SIGNAL BACKPLATE

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 7

FILE NAME =	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
5419.800-Signal-Sheet.dgn		DRAWN - ZCW	REVISED -
5419.800	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -
19th Removal	PLOT DATE = 10/6/2022	DATE - 10/7/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL PLAN
WASHINGTON BOULEVARD AND 19TH AVENUE**

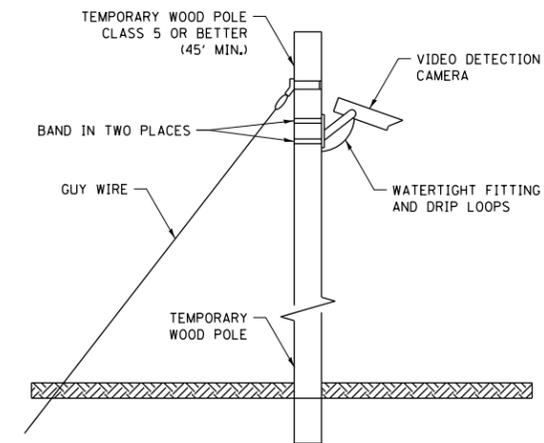
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	69
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				

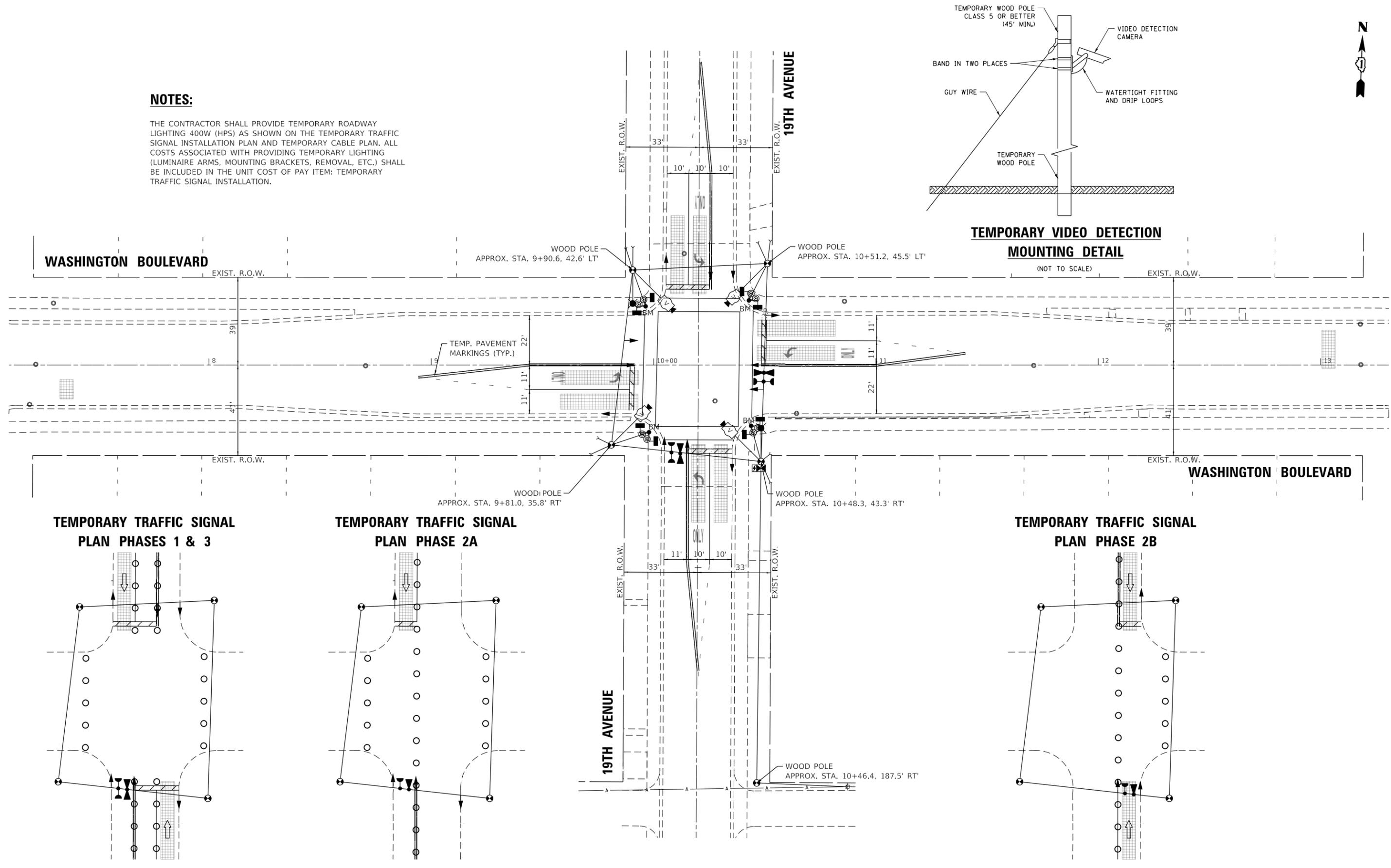


NOTES:

THE CONTRACTOR SHALL PROVIDE TEMPORARY ROADWAY LIGHTING 400W (HPS) AS SHOWN ON THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND TEMPORARY CABLE PLAN. ALL COSTS ASSOCIATED WITH PROVIDING TEMPORARY LIGHTING (LUMINAIRE ARMS, MOUNTING BRACKETS, REMOVAL, ETC.) SHALL BE INCLUDED IN THE UNIT COST OF PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



WASHINGTON BOULEVARD

19TH AVENUE

WASHINGTON BOULEVARD

19TH AVENUE

TEMPORARY TRAFFIC SIGNAL PLAN PHASES 1 & 3

TEMPORARY TRAFFIC SIGNAL PLAN PHASE 2A

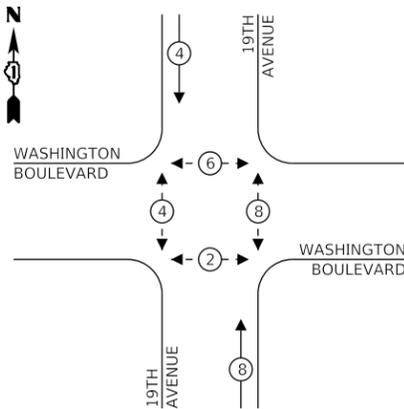
TEMPORARY TRAFFIC SIGNAL PLAN PHASE 2B

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 8

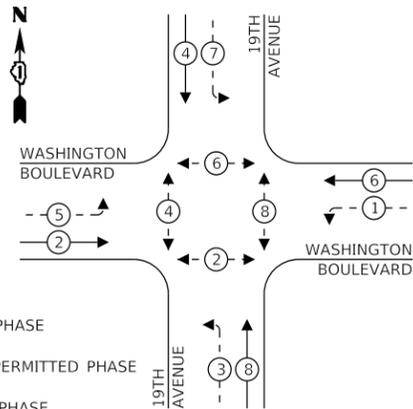
FILE NAME = 5419.800-Signal-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL PLAN (PRESTAGE) WASHINGTON BOULEVARD AND 19TH AVENUE	F.A.U. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 70	
5419.800	PLOT SCALE = 1:20	CHECKED - RJH	REVISED -			SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61J02			
19th Temp	PLOT DATE = 10/6/2022	DATE - 10/7/2022	REVISED -			ILLINOIS FED. AID PROJECT					



**TEMPORARY
CONTROLLER SEQUENCE
STAGES 1 AND 3**



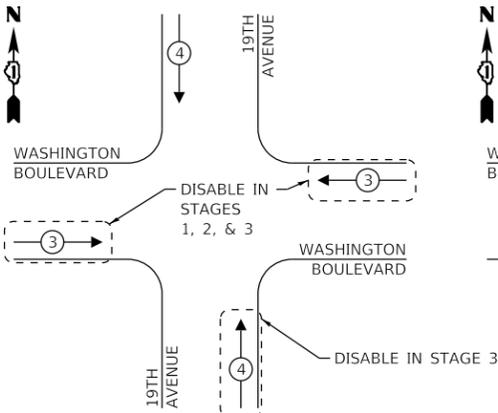
**TEMPORARY
CONTROLLER SEQUENCE
PRESTAGE AND FINAL STAGE**



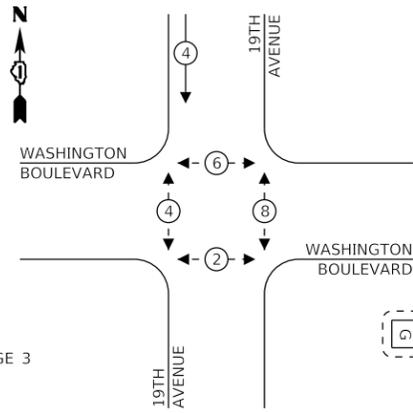
LEGEND:

- ⊛ * PROTECTED PHASE
- ⊛ * - PROTECTED/PERMITTED PHASE
- ⊛ * ⊠ PEDESTRIAN PHASE
- ⊛ OL OVERLAP

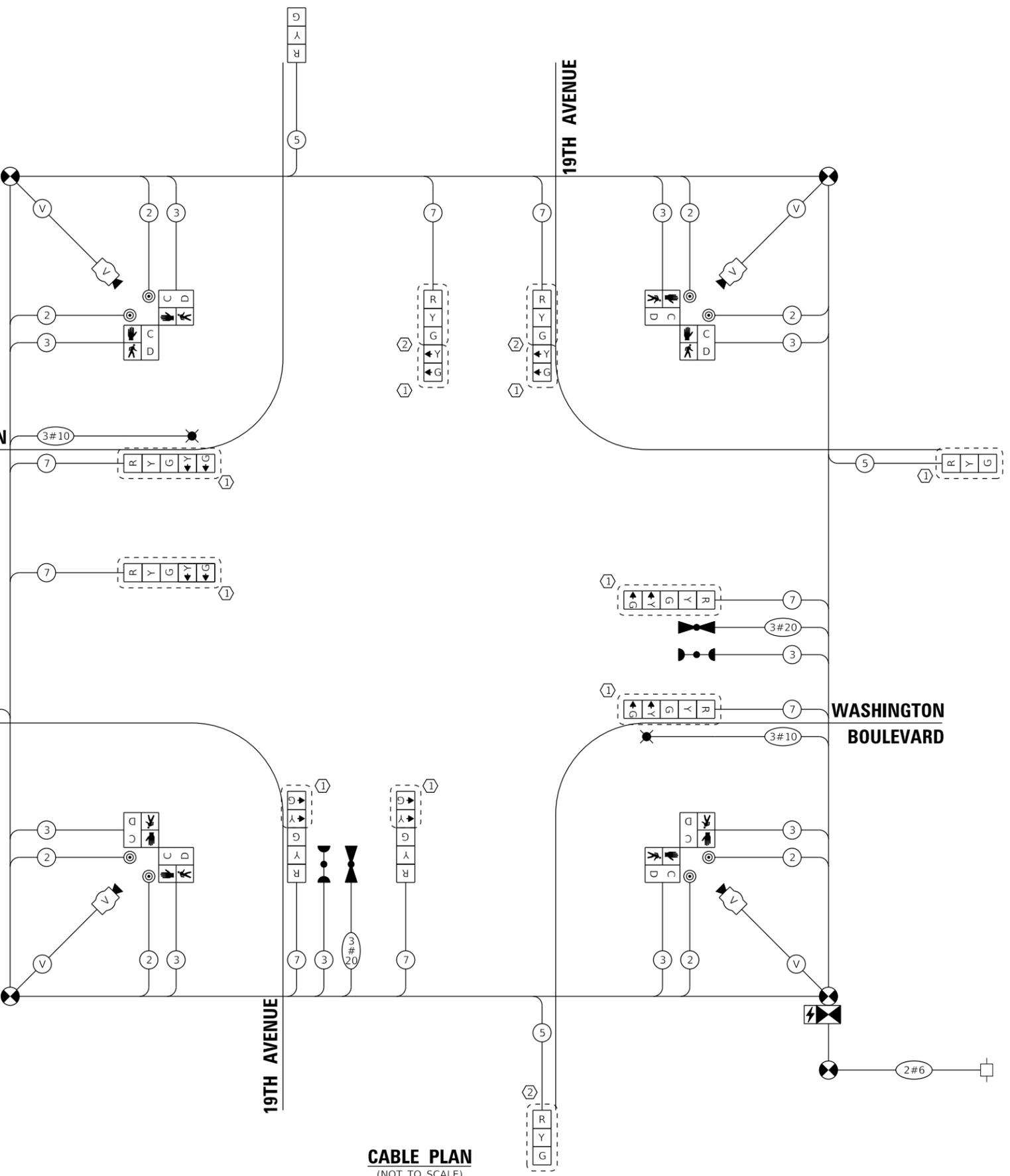
**TEMPORARY
EMERGENCY VEHICLE
PREEMPTION SEQUENCE**



**TEMPORARY
CONTROLLER SEQUENCE
STAGE 2**



**WASHINGTON
BOULEVARD**



CABLE PLAN
(NOT TO SCALE)

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PROT-PERM ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	2	250	50	250
TOTAL =				693.8

- CONSTRUCTION NOTES:**
- ① DISCONNECT AND BAG THE SIGNAL HEADS FOR PHASES 1, 2, 3, 5, 6, AND 7 IN STAGES 1, 2, AND 3.
 - ② DISCONNECT AND BAG THE SIGNAL HEADS FOR PHASE 8 IN STAGES 2A AND 2B.

ENERGY COSTS TO:
VILLAGE ---
- , IL -

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____
ACCOUNT NUMBER: _____

FILE NAME =	USER NAME = zwallsten	DESIGNED - RIH	REVISED -
5419.800-Cable-Sheet.dgn		DRAWN - ZCW	REVISED -
5419.800	PLOT SCALE = 1:20	CHECKED - RIH	REVISED -
19th Temp	PLOT DATE = 10/6/2022	DATE - 10/7/2022	REVISED -

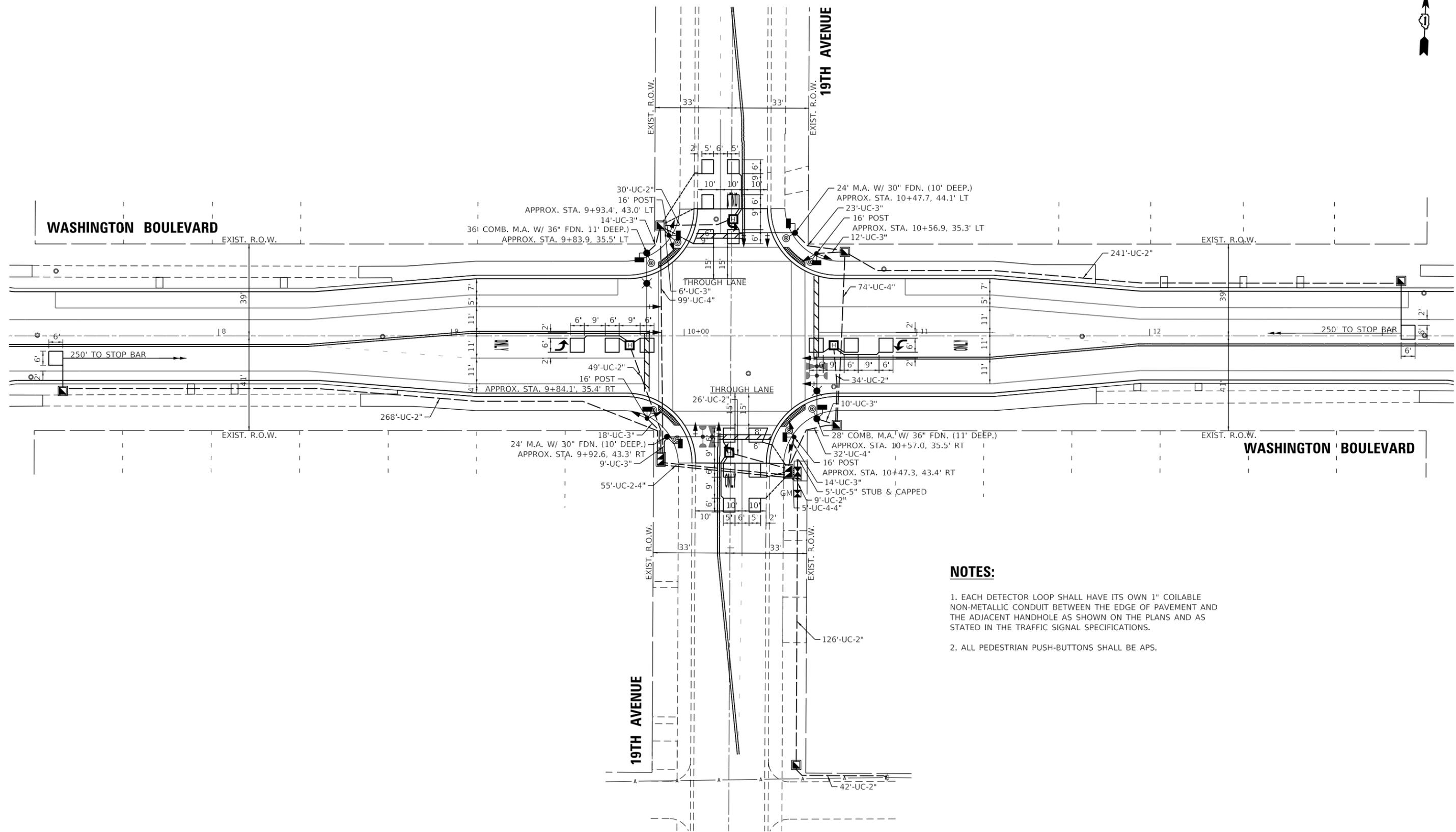
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
WASHINGTON BOULEVARD AND 19TH AVENUE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	71
CONTRACT NO. 61)02				
ILLINOIS FED. AID PROJECT				

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 9



NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 10

FILE NAME = 5419.800-Signal-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
19th Perm	PLOT DATE = 10/6/2022	CHECKED - RIJ	REVISED -
		DATE - 10/7/2022	REVISED -

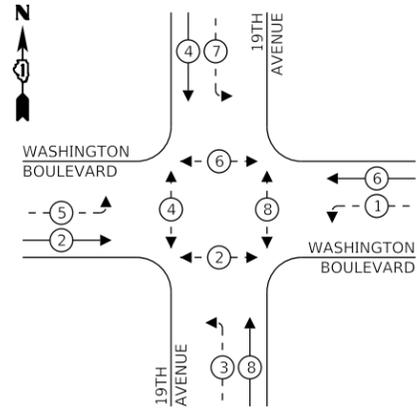
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
WASHINGTON BOULEVARD AND 19TH AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	72
				CONTRACT NO. 61J02
ILLINOIS FED. AID PROJECT				

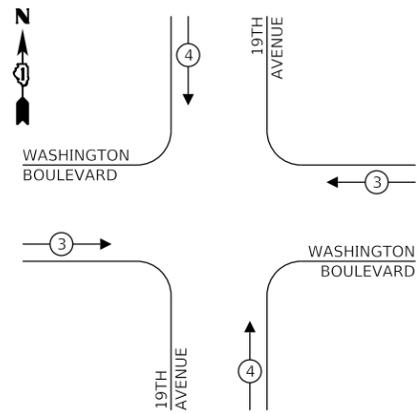
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← ⊛ → PROTECTED PHASE
- ← ⊛ - - ⊛ → PROTECTED/PERMITTED PHASE
- ← ⊛ ⊙ → PEDESTRIAN PHASE
- ⊙ OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



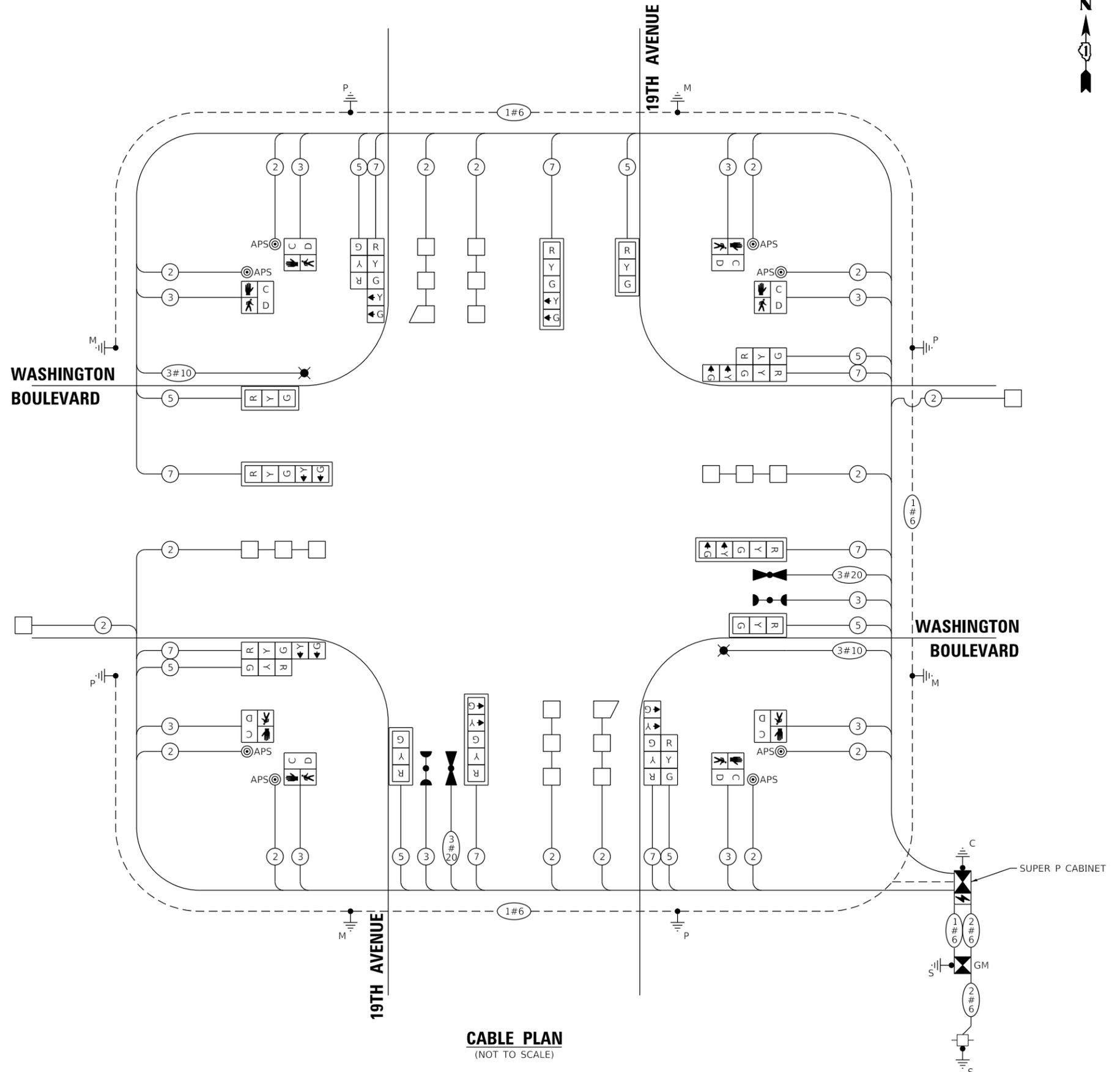
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	86.4
PROT-PERM ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	2	250	50	250
TOTAL =				741.4

ENERGY COSTS TO:

VILLAGE OF MAYWOOD
40 MADISON STREET
MAYWOOD, IL 60153

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____
ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 11

FILE NAME = 5419.800-Cable-Sheet.dgn	USER NAME = zwallsten	DESIGNED - RIJ	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
19th Perm	PLOT DATE = 10/6/2022	CHECKED - RIJ	REVISED -
		DATE - 10/7/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

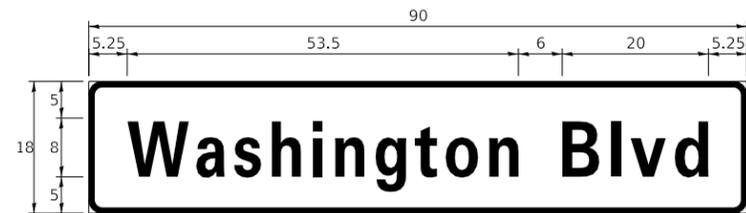
**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
WASHINGTON BOULEVARD AND 19TH AVENUE**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

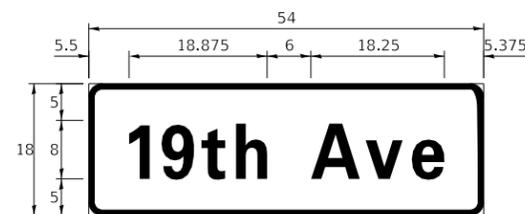
F.A.U. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 73
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.75	1	ZZ	2

SCHEDULE OF QUANTITIES

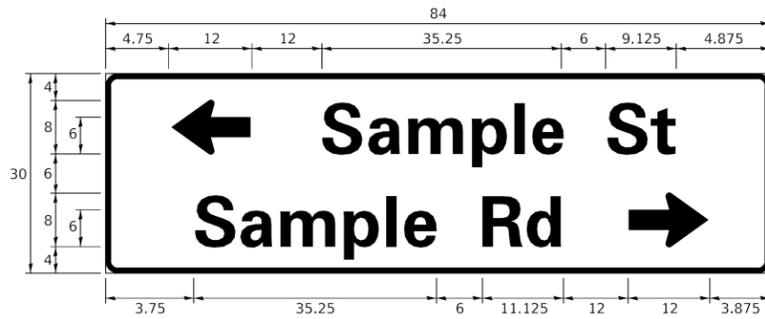
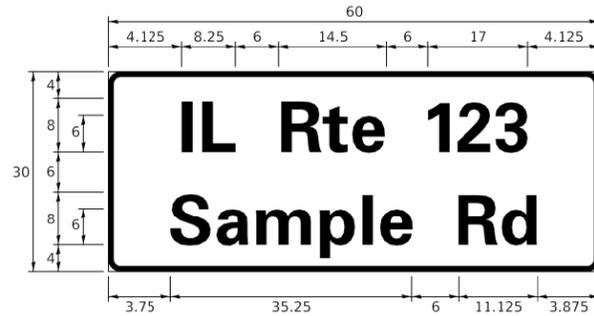
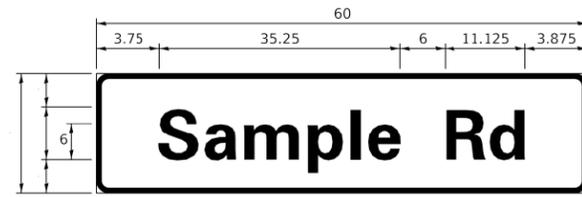
ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	13.5
SIGN PANEL - TYPE 2	SQ FT	22.5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	825
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	106
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	340
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	361
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,193
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,564
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,247
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,417
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,530
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	192
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	682
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	612
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	359
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

FILE NAME = 5419.800-Signage.dgn	USER NAME = zwallsten	DESIGNED - RJH	REVISED -
5419.800	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
19TH	PLOT DATE = 10/6/2022	CHECKED - RJH	REVISED -
		DATE - 10/7/2022	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	74
CONTRACT NO. 61J02				
ILLINOIS FED. AID PROJECT				

MODEL Default
 FILE NAME: p:\work\10454\DOT\Documents\DOT_Offices\Buhde_1\Projects\10454\DOT\10454.dgn

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC.
MIDLOTHIAN, VA

- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

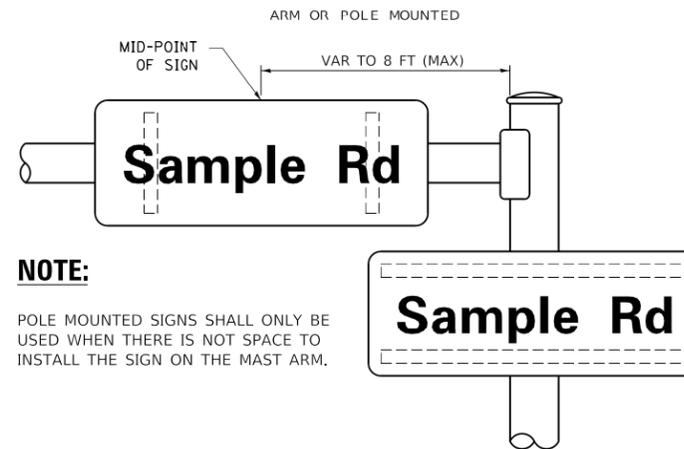
SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" x 14 x 1" HW.FL. #3
SELE TAPPING WITH NEOPRENE WASHER
BRACKETS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

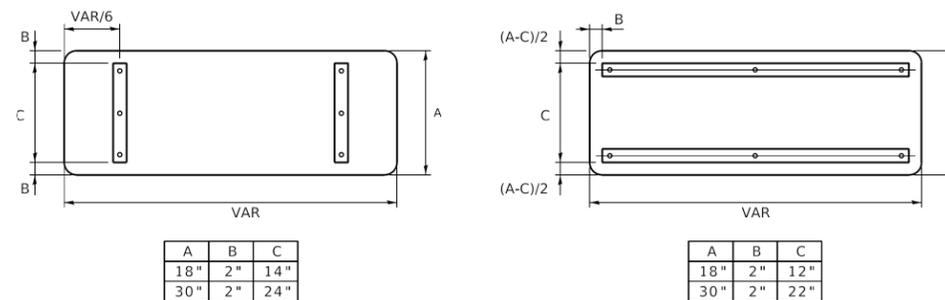
STANDARD ALPHABETS SPACING CHART
(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

MOUNTING LOCATION



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"

A	B	C
18"	2"	12"
30"	2"	22"

USER NAME = footemj	DESIGNED - LP/IP	REVISED - LP 07/01/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - LP	CHECKED - IP	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	TS-02 CONTRACT NO. ILLINOIS FED. AID PROJECT		
PLOT SCALE = 50,0000' / in.	DATE - 10/01/2014	REVISED -								

FILE NAME =	USER NAME = zwallsten	DESIGNED - RJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNAL DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
IDOT-StdDetails.dgn	DRAWN - ZCW	CHECKED - RJH	REVISED -			SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	1411 18-00139-00-PV COOK 116 75 CONTRACT NO. 61J02		
5419.800	DATE - 10/6/2022	REVISED -	REVISED -								

TRAFFIC SIGNAL LEGEND

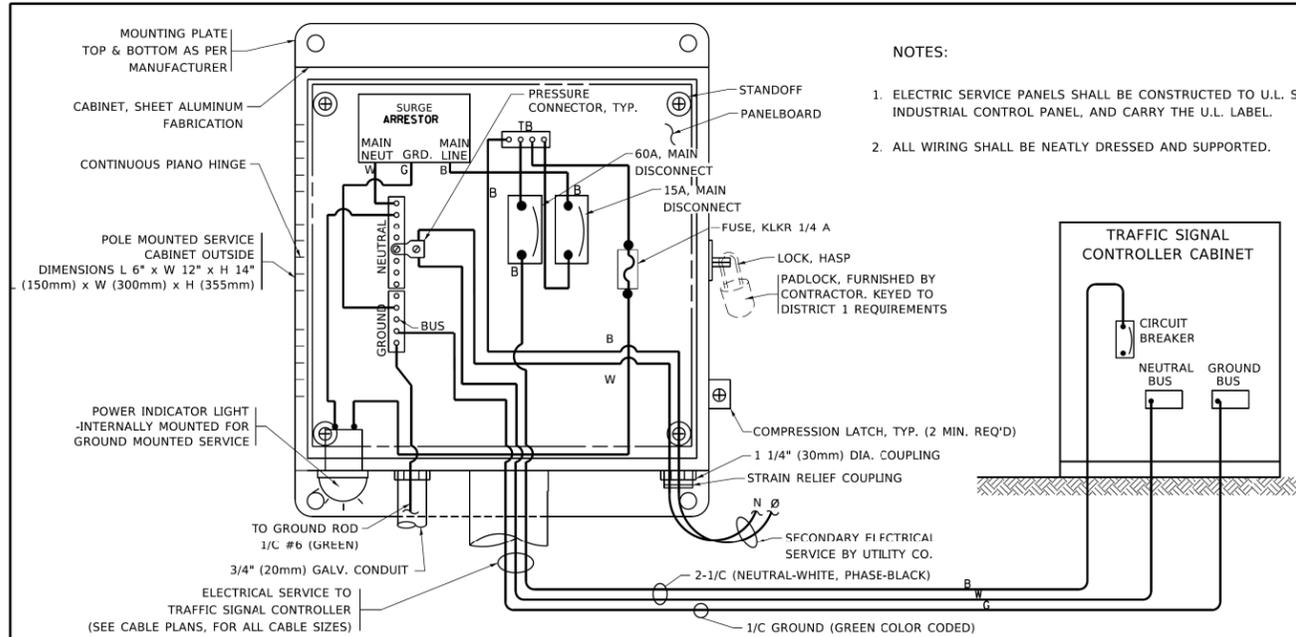
(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE			SIGNAL HEAD		
COMMUNICATION CABINET			-ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
MASTER CONTROLLER			HEAVY DUTY HANDHOLE -SQUARE			SIGNAL HEAD WITH BACKPLATE		
MASTER MASTER CONTROLLER			-ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
UNINTERRUPTIBLE POWER SUPPLY			DOUBLE HANDHOLE			-(RB) RETROREFLECTIVE BACKPLATE		
SERVICE INSTALLATION -(P) POLE MOUNTED			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
SERVICE INSTALLATION -(G) GROUND MOUNTED			RAILROAD CANTILEVER MAST ARM			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
-(GM) GROUND MOUNTED METERED			RAILROAD FLASHING SIGNAL			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
TELEPHONE CONNECTION			RAILROAD CROSSING GATE			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CROSSBUCK			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
ALUMINUM MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			COAXIAL CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			VENDOR CABLE		
WOOD POLE			SYSTEM ITEM			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
GUY WIRE			INTERSECTION ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F		
SIGNAL HEAD			REMOVE ITEM			-NO. 62.5/125, MM12F SM12F		
SIGNAL HEAD WITH BACKPLATE			RELOCATE ITEM			-NO. 62.5/125, MM12F SM24F		
SIGNAL HEAD OPTICALLY PROGRAMMED			ABANDON ITEM			GROUND ROD -(C) CONTROLLER		
FLASHER INSTALLATION -(FS) SOLAR POWERED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			-(M) MAST ARM		
PEDESTRIAN SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED			-(P) POST		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			SIGNAL POST AND FOUNDATION TO BE REMOVED			-(S) SERVICE		
RADAR DETECTION SENSOR			DETECTOR LOOP, TYPE I					
VIDEO DETECTION CAMERA			PREFORMED DETECTOR LOOP					
RADAR/VIDEO DETECTION ZONE			SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
CONFIRMATION BEACON			WIRELESS DETECTOR SENSOR					
WIRELESS INTERCONNECT			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT RADIO REPEATER								

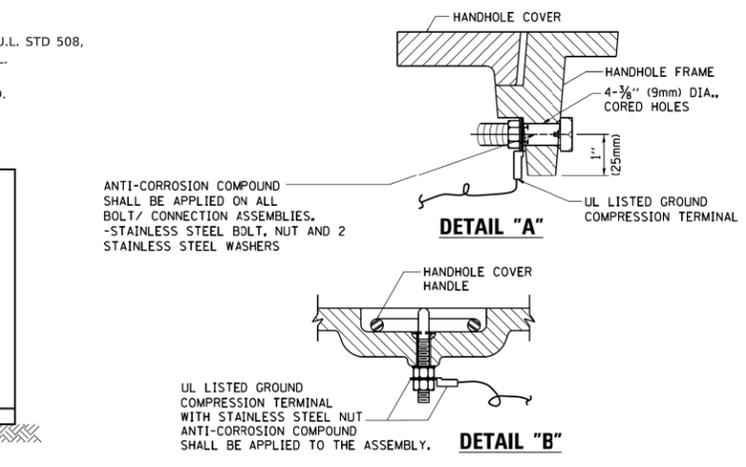
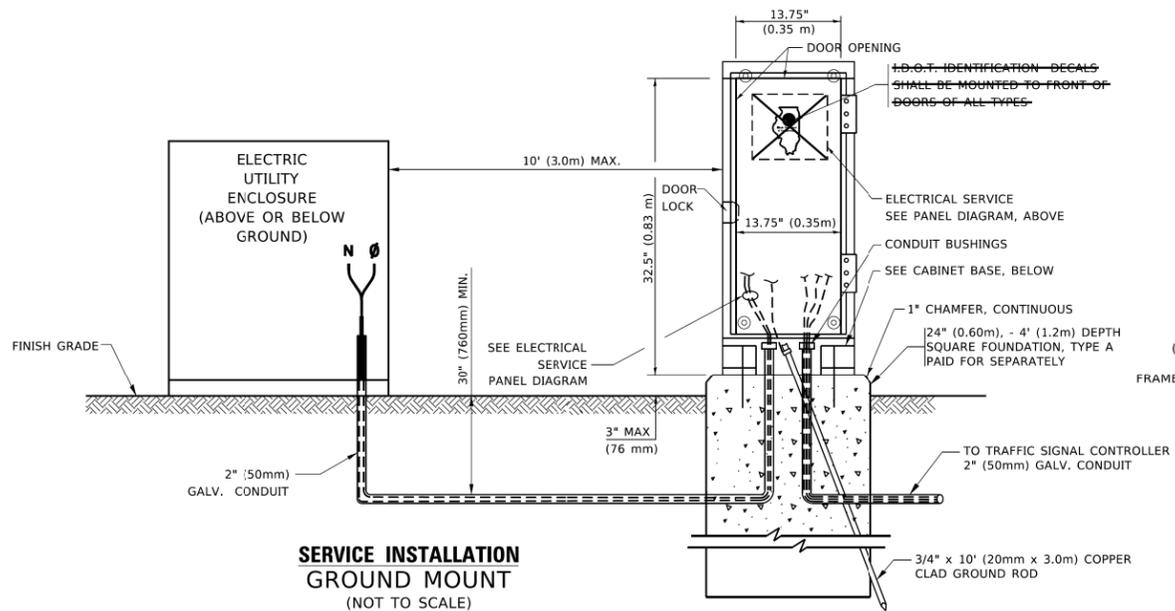
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	PLOT DATE = 9/29/2016	CHECKED - LP	REVISED -						ILLINOIS FED. AID PROJECT	
		DATE - 9/29/2016	REVISED -							

GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 14

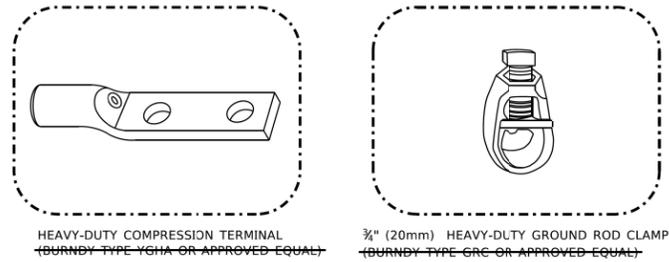
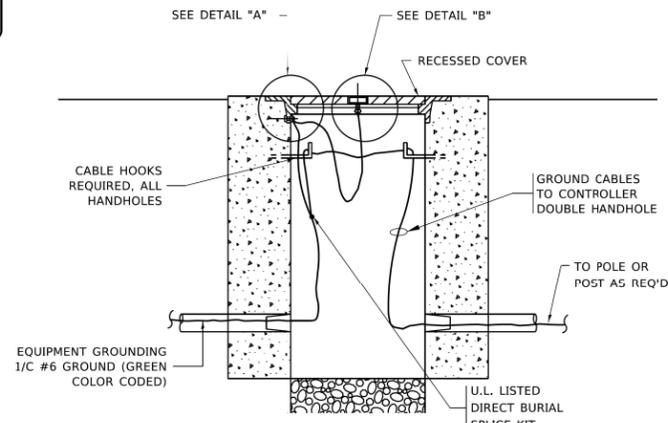
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5419.800	PLOT SCALE = 1:1	DRAWN - ZCW	REVISED -		SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.	1411	18-00139-00-PV
IDOT D1 STANDARD TS05a	PLOT DATE = 10/6/2022	CHECKED - RJH	REVISED -						COOK	116
		DATE - 10/7/2022	REVISED -						CONTRACT NO.	61J02
									ILLINOIS FED. AID PROJECT	



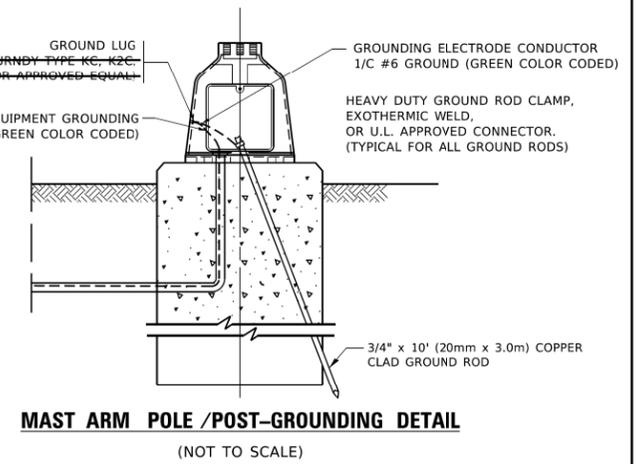
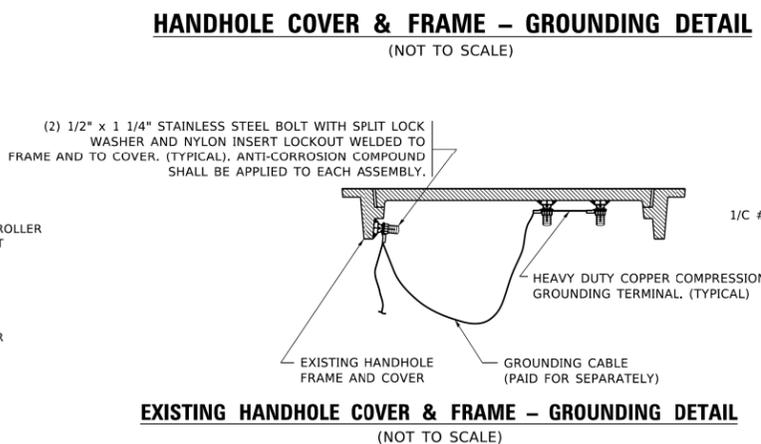
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

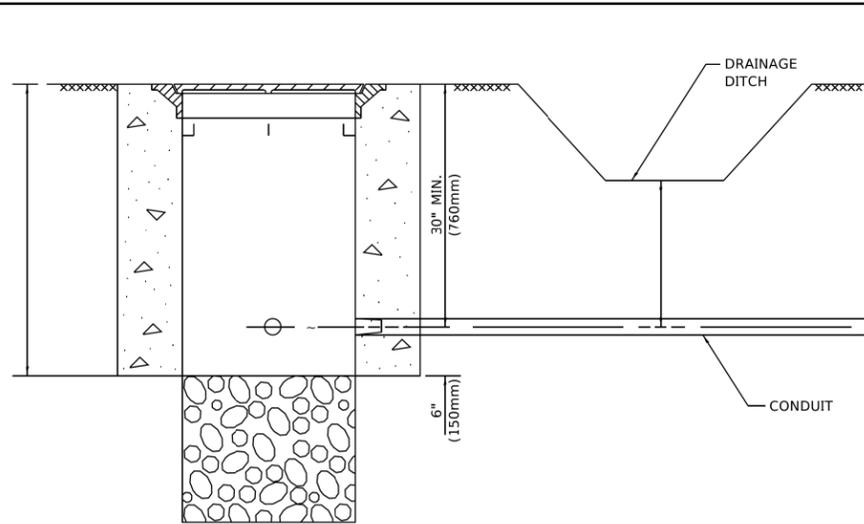


GHA GEWALT HAMILTON ASSOCIATES, INC. TS SHT NO. 17

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 DATE: 10/6/2022

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PLOT SCALE = 50,0000' / in.	DRAWN -	REVISED -			SCALE: NONE	SHEET 4 OF 7 SHEETS	STA.	TO STA.	TS-05		
PLOT DATE = 3/4/2019	CHECKED -	REVISED -			CONTRACT NO.			ILLINOIS FED. AID PROJECT			

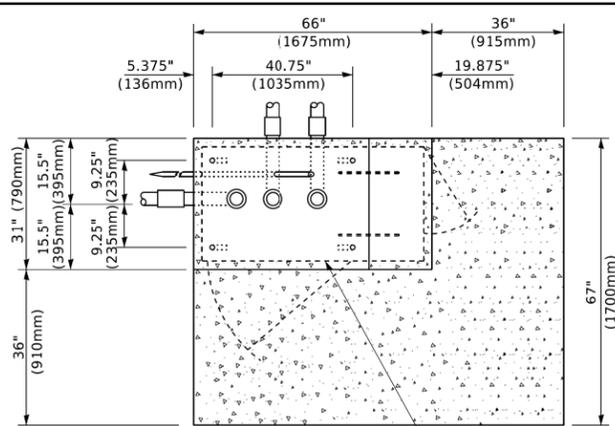
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IDOT-StdDetails.dgn	DRAWN - ZCW	DESIGNED -	REVISED -			SCALE: NONE	SHEET OF SHEETS	STA.	TO STA.	1411 18-00139-00-PV COOK 116 79		
5419.800	CHECKED - RJH	DESIGNED -	REVISED -			CONTRACT NO. 61J02			ILLINOIS FED. AID PROJECT			
IDOT D1 STANDARD TS05d	PLOT DATE = 10/6/2022	DATE - 10/7/2022	REVISED -									



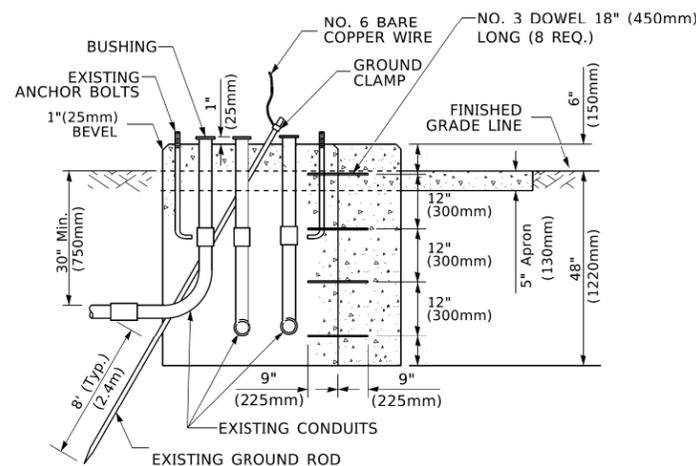
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)

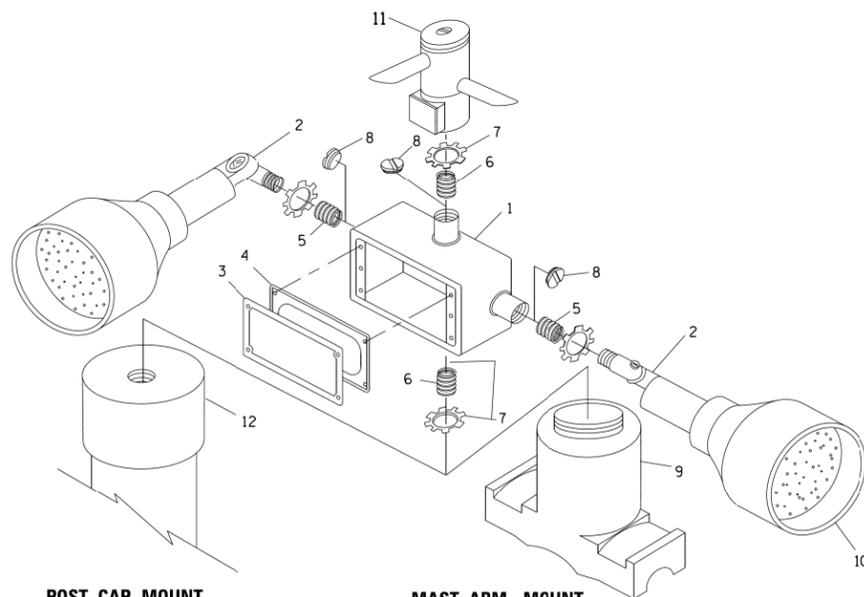


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

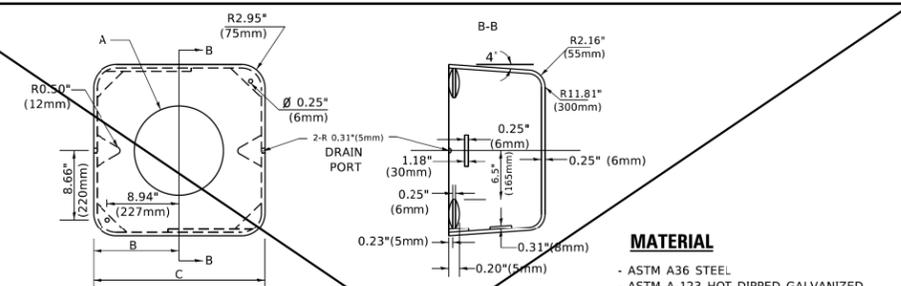
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ~~ITEM #1 OZ/GEENEY FSX 1-50 OR EQUIVALENT~~
~~ITEM #2 MULBERRY CON-O SHADE LAMP SHIELD OR EQUIVALENT~~
~~ITEM #9 "BAND IT" SADDLE BRACKET OR EQUIVALENT~~
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

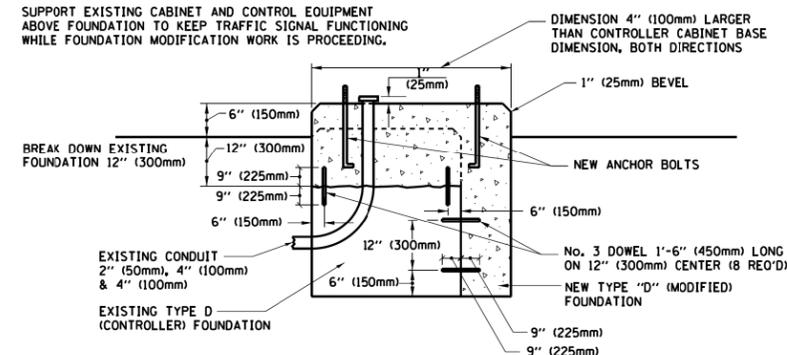
SHROUD

NOTES:

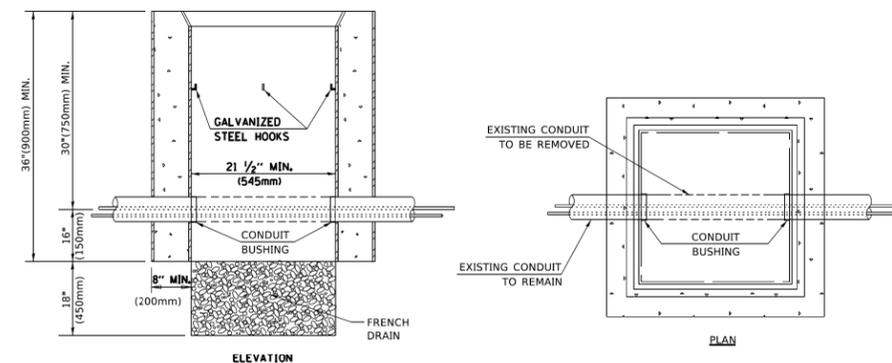
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814C01.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

USER NAME	DESIGNED	REVISED
footemj	-	-
DESIGNED	-	-
DRAWN	-	-
CHECKED	-	-
DATE	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS
SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

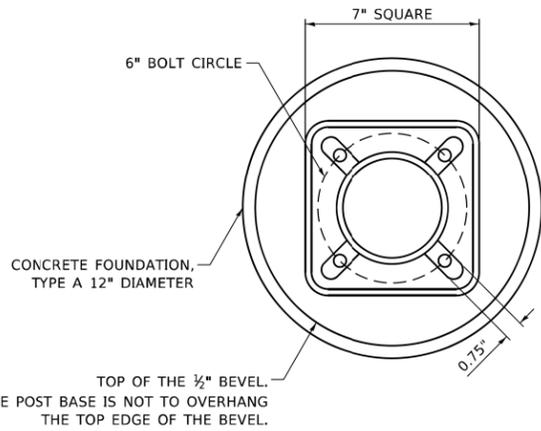
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS-05				CONTRACT NO.
ILLINOIS				FED. AID PROJECT

FILE NAME	USER NAME	DESIGNED	REVISED
1DOT-StdDetails.dgn	zwallsten	- RJH	-
5419.800		DRAWN - ZCW	REVISED -
IDOT D1 STANDARD TS051		CHECKED - RJH	REVISED -
		DATE - 10/6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAL DETAILS
SCALE: NONE SHEET OF SHEETS STA. TO STA.

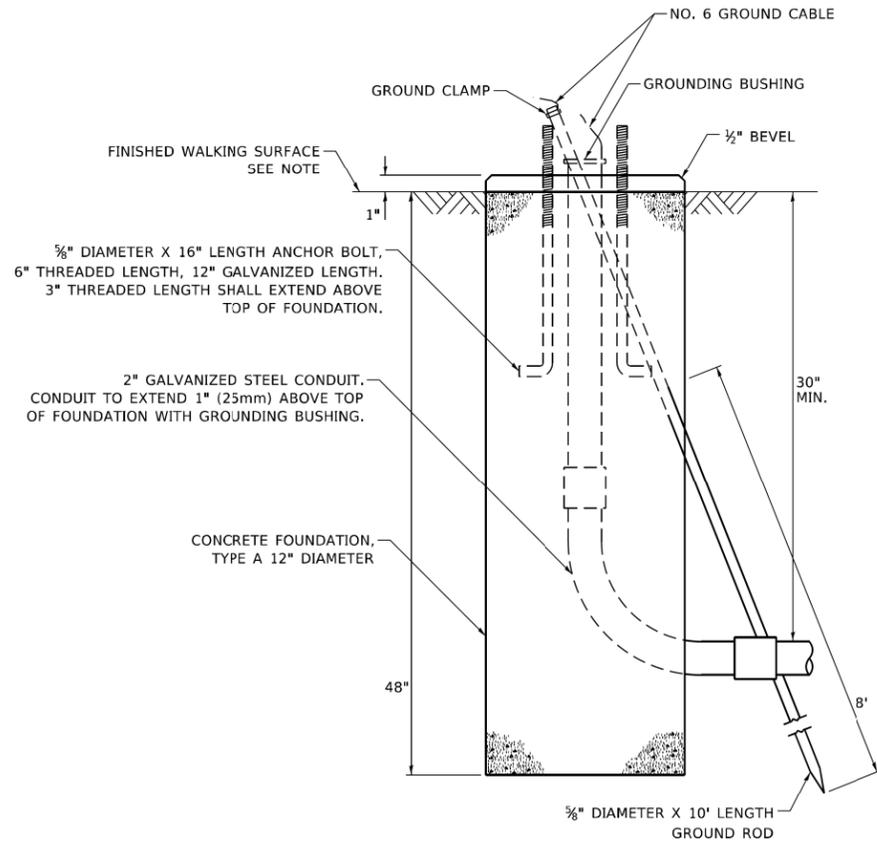
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1411	18-00139-00-PV	COOK	116	81
ILLINOIS				FED. AID PROJECT
CONTRACT NO. 61J02				



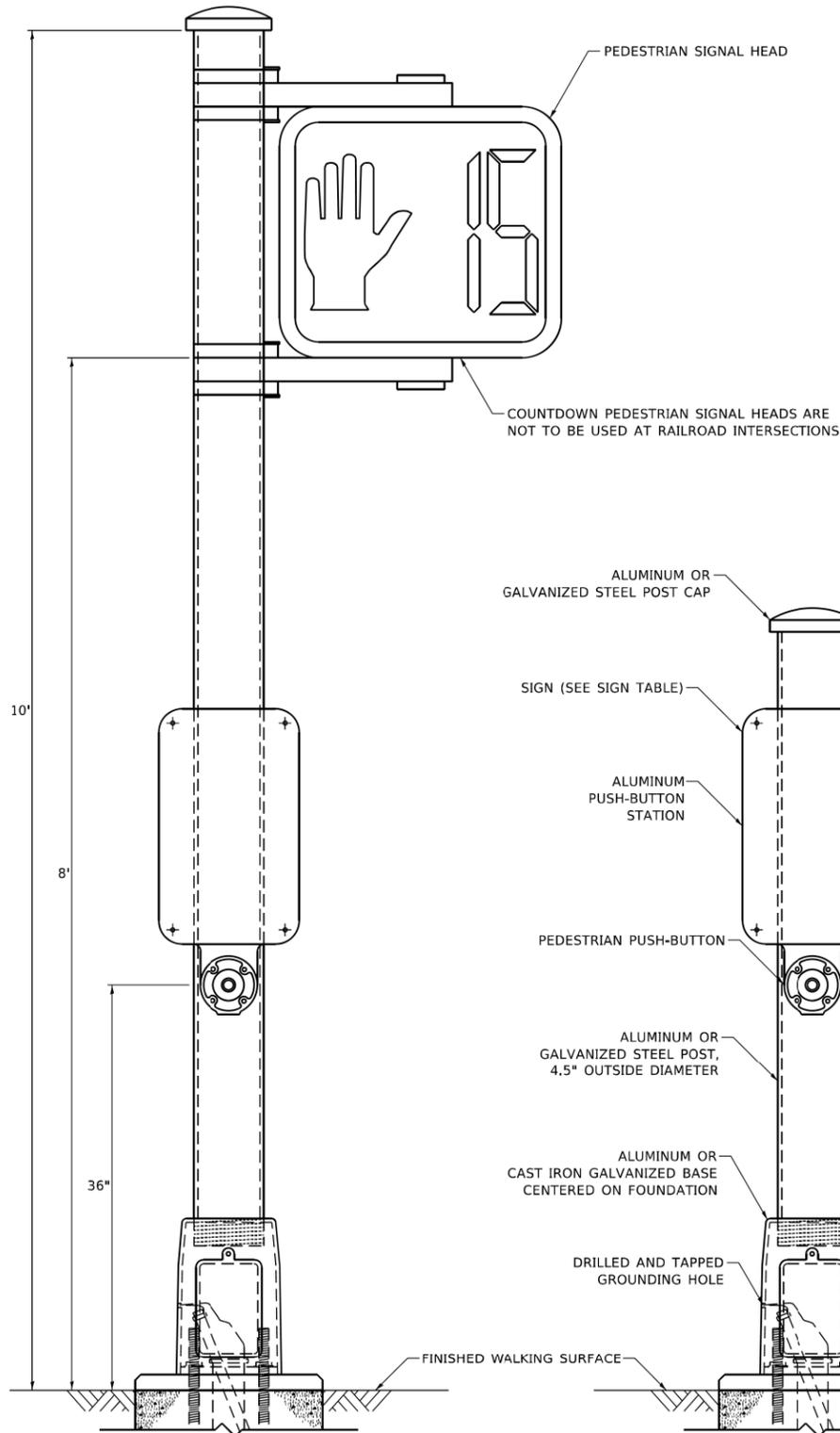
BOLT PATTERN

NOTE:

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



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



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b R10-3d R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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	DATE - 10/15/2018	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS		
SCALE: NTS	SHEET NO. 7 OF 7 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS-05			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

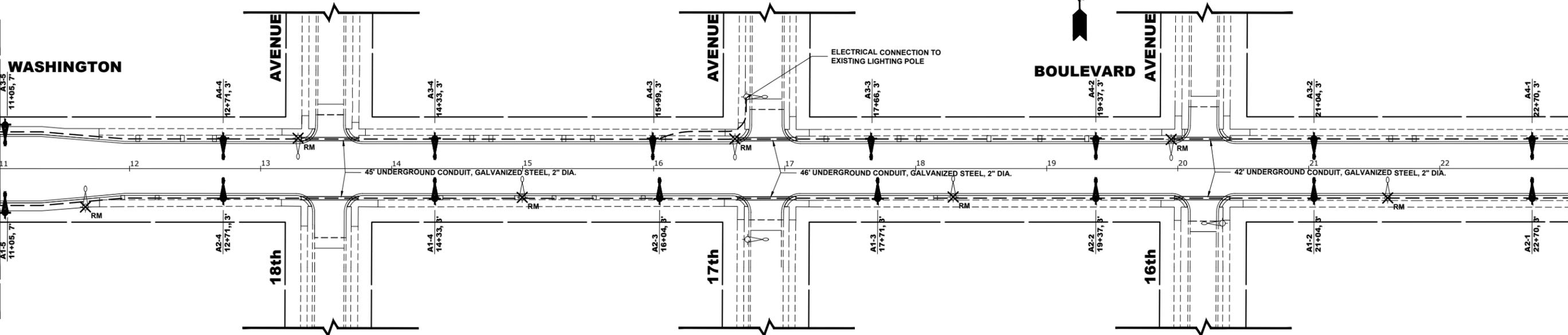
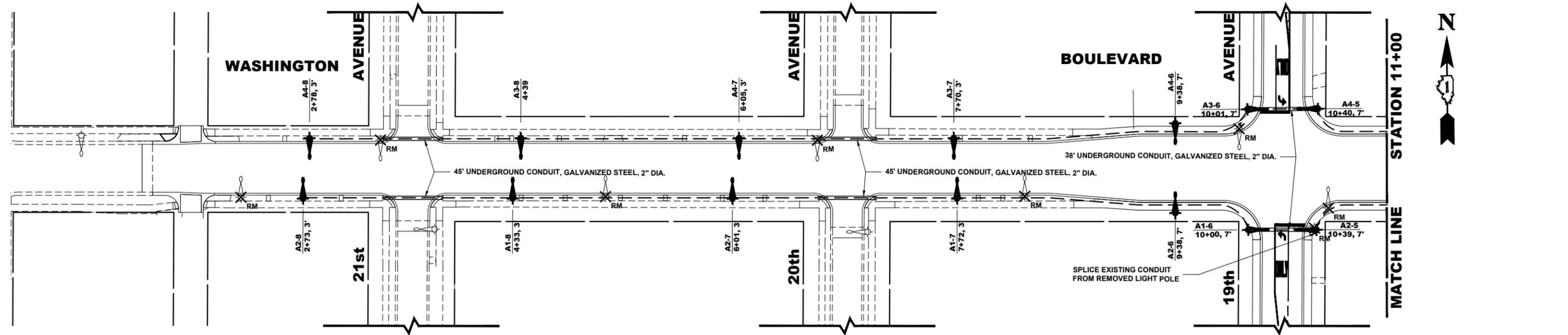
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IDOT D1 STANDARD TS05g		DATE - 10/7/2022	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNAL DETAILS		
SCALE: NONE	SHEET OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	82
CONTRACT NO. 61J02			ILLINOIS FED. AID PROJECT	

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LEGEND OF SYMBOLS	
	EXISTING LIGHT POLE AND FIXTURE
	EXISTING LIGHT POLE AND FIXTURE TO BE REMOVED
	PROPOSED 25' MOUNTING HEIGHT POLE WITH 6' MAST ARM AND LED LUMINAIRE
	PROPOSED HANDHOLE
	PROPOSED CONTROL CENTER
	PROPOSED UNIT DUCT WITH 2-1/2" NO. 6 & 1-1/2" 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.)
	SET BACK FROM F/C (TYP.)
	STATION NUMBER (TYP.)

HANCOCK ENGINEERING
 444 West Main Street
 Chicago, IL 60610
 Established 1911

CMI Engineers
 Municipal Consultants
 7900 Roosevelt Road
 Westchester, IL 60154-2700
 Phone: 708.966.0900
 www.hancock.com

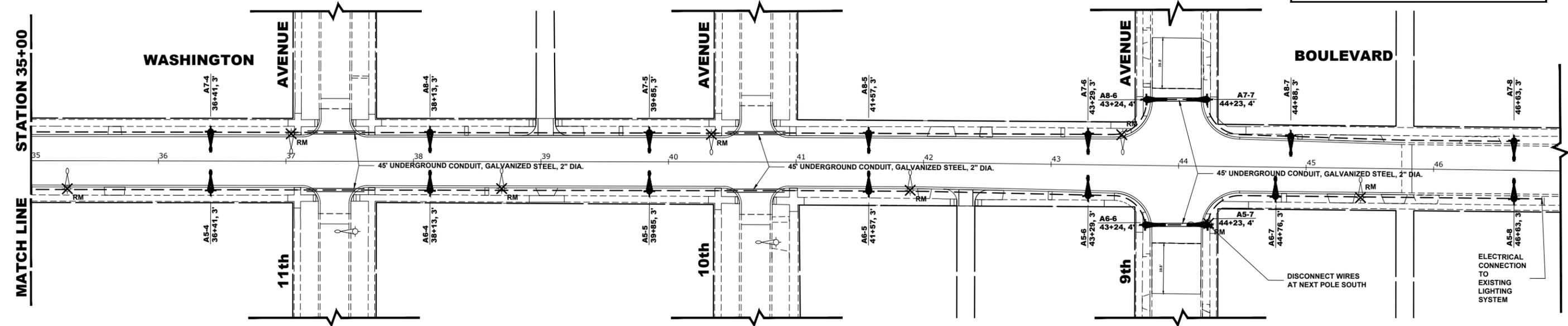
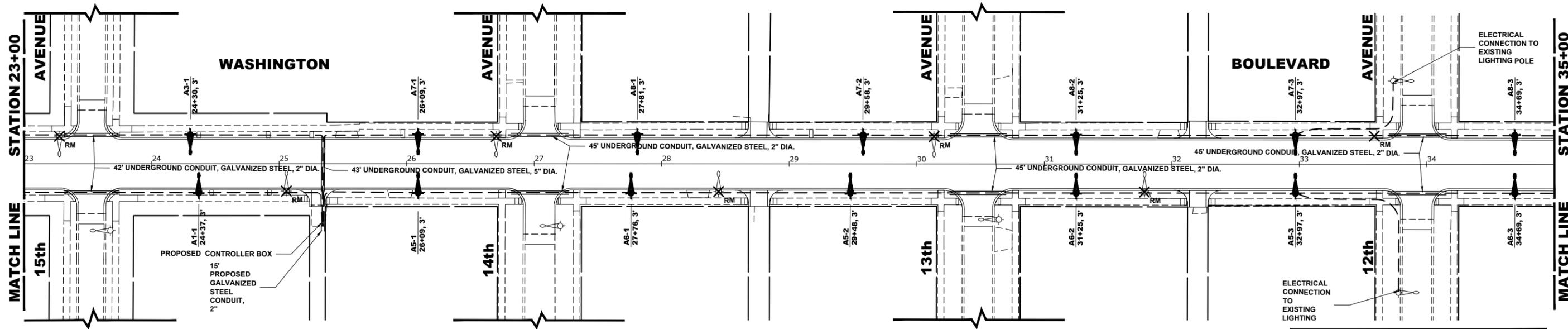
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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 40'		SHEET NO. 1 OF 2 SHEETS	STA. 0+00 TO STA. 23+00
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	83
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101



LEGEND OF SYMBOLS	
	EXISTING LIGHT POLE AND FIXTURE
	EXISTING LIGHT POLE AND FIXTURE TO BE REMOVED
	PROPOSED 25' MOUNTING HEIGHT POLE WITH 6' MAST ARM AND LED LUMINAIRE
	PROPOSED HANDHOLE
	PROPOSED CONTROL CENTER
	PROPOSED UNIT DUCT WITH 2-1/2" NO. 6 & 1-1/2" 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.)
	SET BACK FROM F/C (TYP.)
	STATION NUMBER (TYP.)



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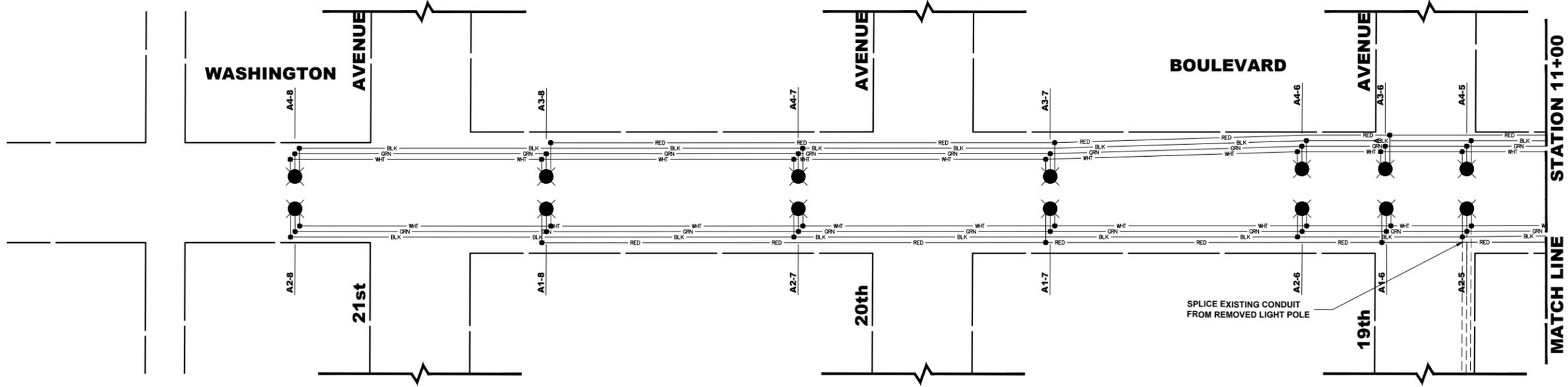
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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STREET LIGHTING PLAN

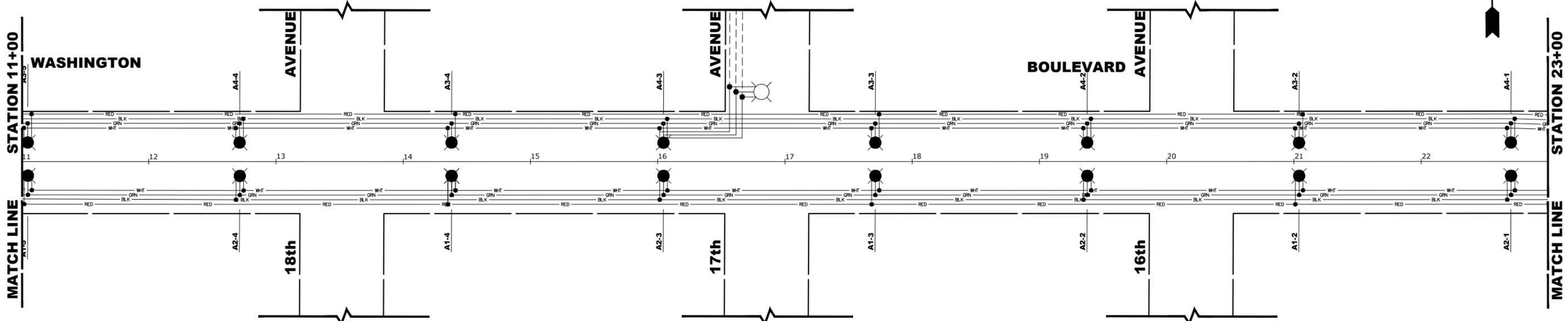
SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 23+00 TO STA. 47+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	84
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LIGHTING CONTROLLER CIRCUIT LOADS		
CIRCUIT	AMPS	WATTS
1	2.24	544
2	2.24	544
3	2.24	544
4	2.67	573
5	3.96	864
6	1.96	476
7	2.67	573
8	1.96	476
TOTAL	20.5	

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



CIVIL Engineers
 Municipal Consultants
 Established 1911
 7930 Roosevelt Road
 Westchester, IL 60154-2700
 Phone: 708-666-0900
 www.hancock.com

DESIGNED -	SBC	REVISED -	
DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

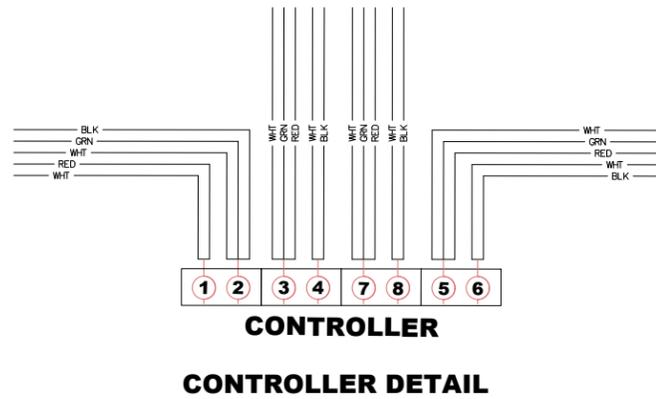
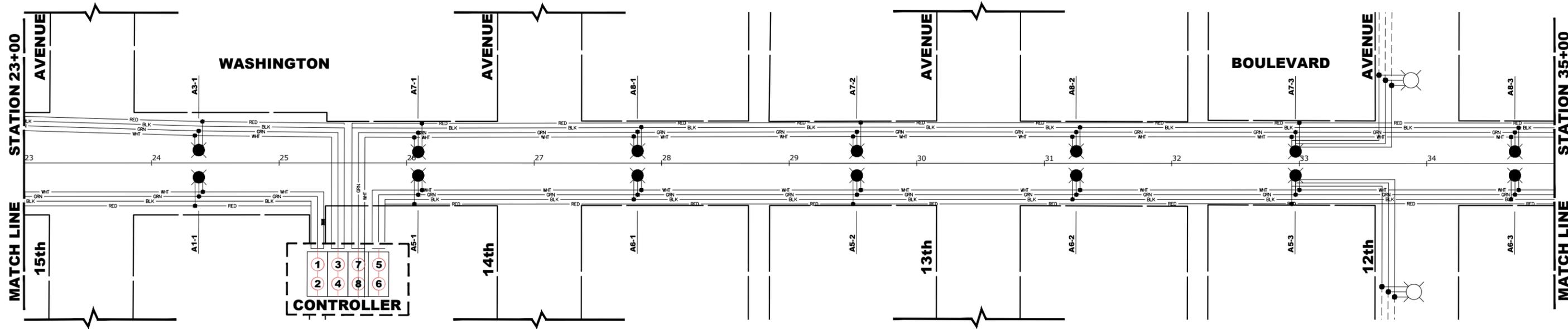
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STREET LIGHT WIRING DIAGRAM

SCALE: 1" = 40' SHEET NO. 1 OF 2 SHEETS STA. 0+00 TO STA. 23+00

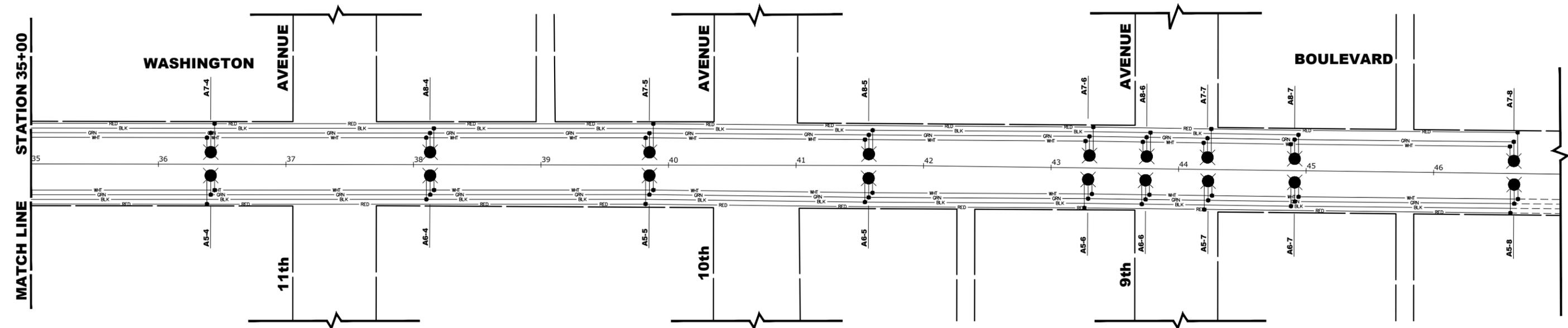
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	85
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing File: W:\Projects_by_Village\Maywood\56519231 - Washington Blvd - Ph. II\Site\Washington Blvd_Ph. 2_40cable.dwg Aug 06, 2022 - 1:03pm



LIGHTING CONTROLLER CIRCUIT LOADS		
CIRCUIT	AMPS	WATTS
1	2.24	544
2	2.24	544
3	2.24	544
4	2.67	573
5	3.96	864
6	1.96	476
7	2.67	573
8	1.96	476
TOTAL	20.5	

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



CMI Engineers
Municipal Consultants
Established 1911

7900 Roosevelt Road
Westchester, IL 60154-2700
Phone: 708-660-0900
www.hancock.com

DESIGNED - SBC	REVISED -
DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

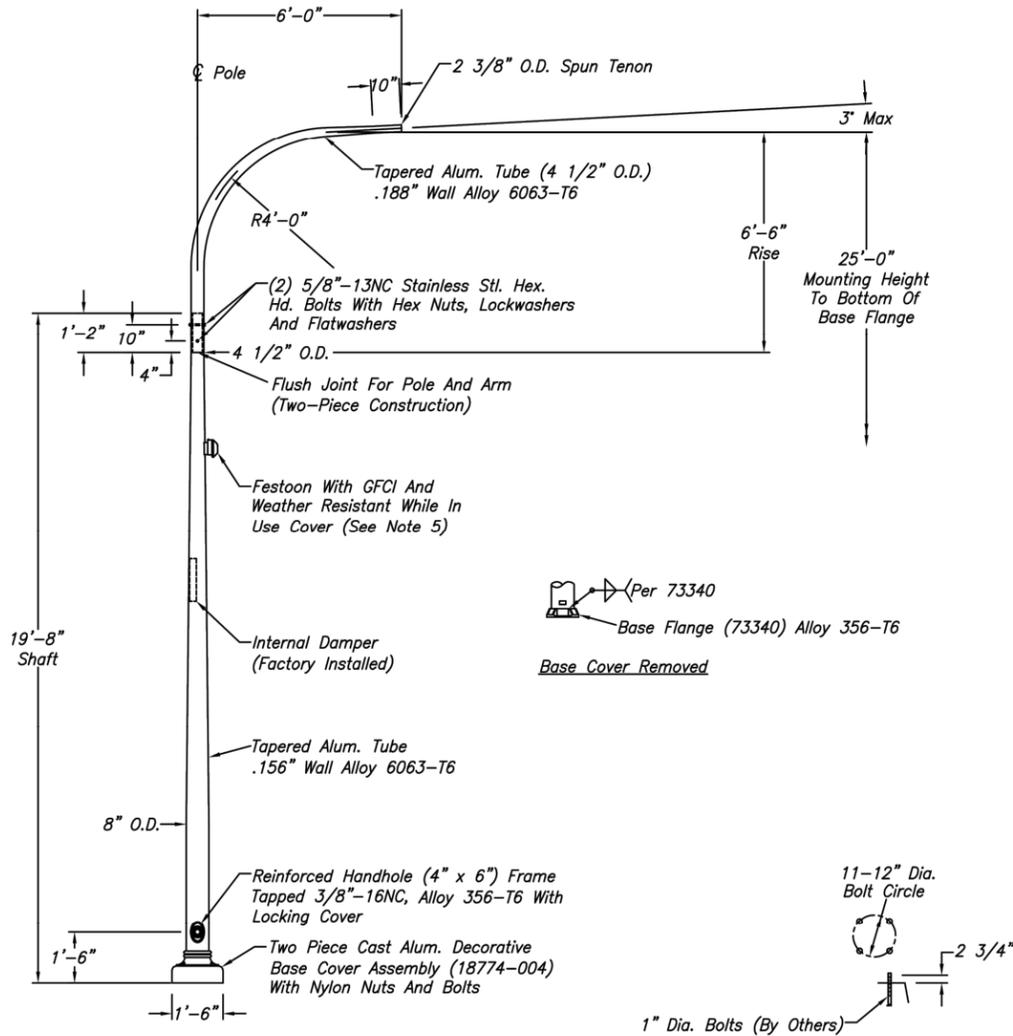
STREET LIGHT WIRING DIAGRAM

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 23+00 TO STA. 47+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	86
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 565-19-23101

- Notes:
- 1) Shaft and bracket heat treated to -T6 after welding/forming.
 - 2) Pole designed in accordance with 2015 AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" for a 115 mph wind speed and 50 year design life.
 - 3) Pole designed supporting a luminaire size of 0.3 ft² and 21 lbs.
 - 4) Base flange and cover approved FHWA breakaway assembly per LS-74.
 - 5) Customer to specify finish and festoon location.



SKJKOPP61140D

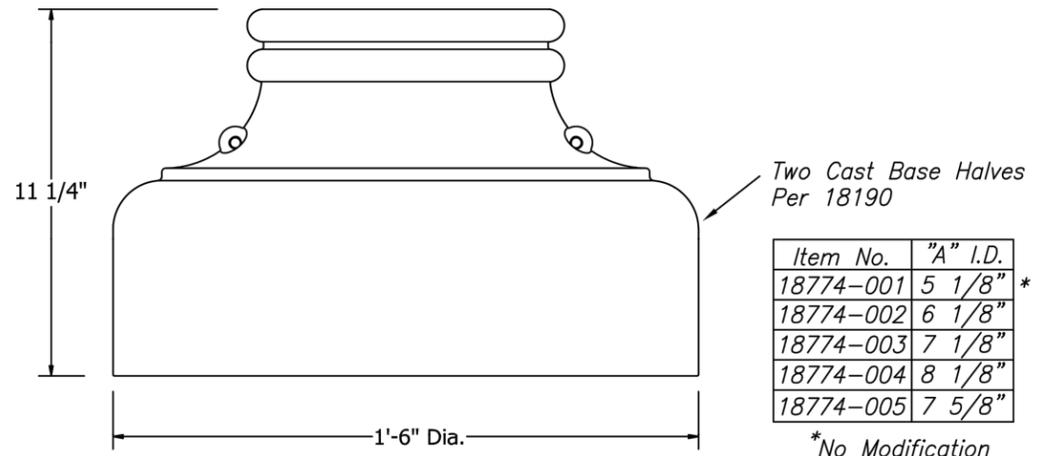
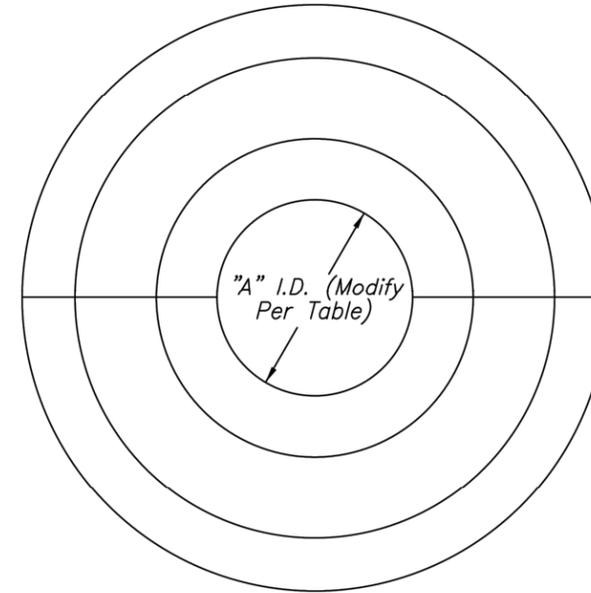
Ref: 78925, 19399

WARNING: DO NOT INSTALL LIGHTING POLES WITHOUT LUMINAIRES

NO.	REVISIONS	DATE



TITLE	BREAKAWAY DAVIT LIGHTING POLE
CUSTOMER	Maywood, IL
SCALE	NTS
DATE	3/17/2021
BY	JDK
DWG. NO.	
CHK'D	SKJKOPP61140D



Furnish The Following Stainless Steel Hardware (18774H) Separately With Each Base Except Breakaway Poles:

- (2) 1/4"-20NC x 1 1/4" Hex. Hd. Bolts (44964-004)
- (2) 1/4"-20NC Hex. Nuts (45368-008)
- (2) 1/4" Lockwashers (45369-008)
- (4) 1/4" Flatwashers (45370-008)

Furnish The Following Hardware With Each Base Separately On Breakaway Poles:

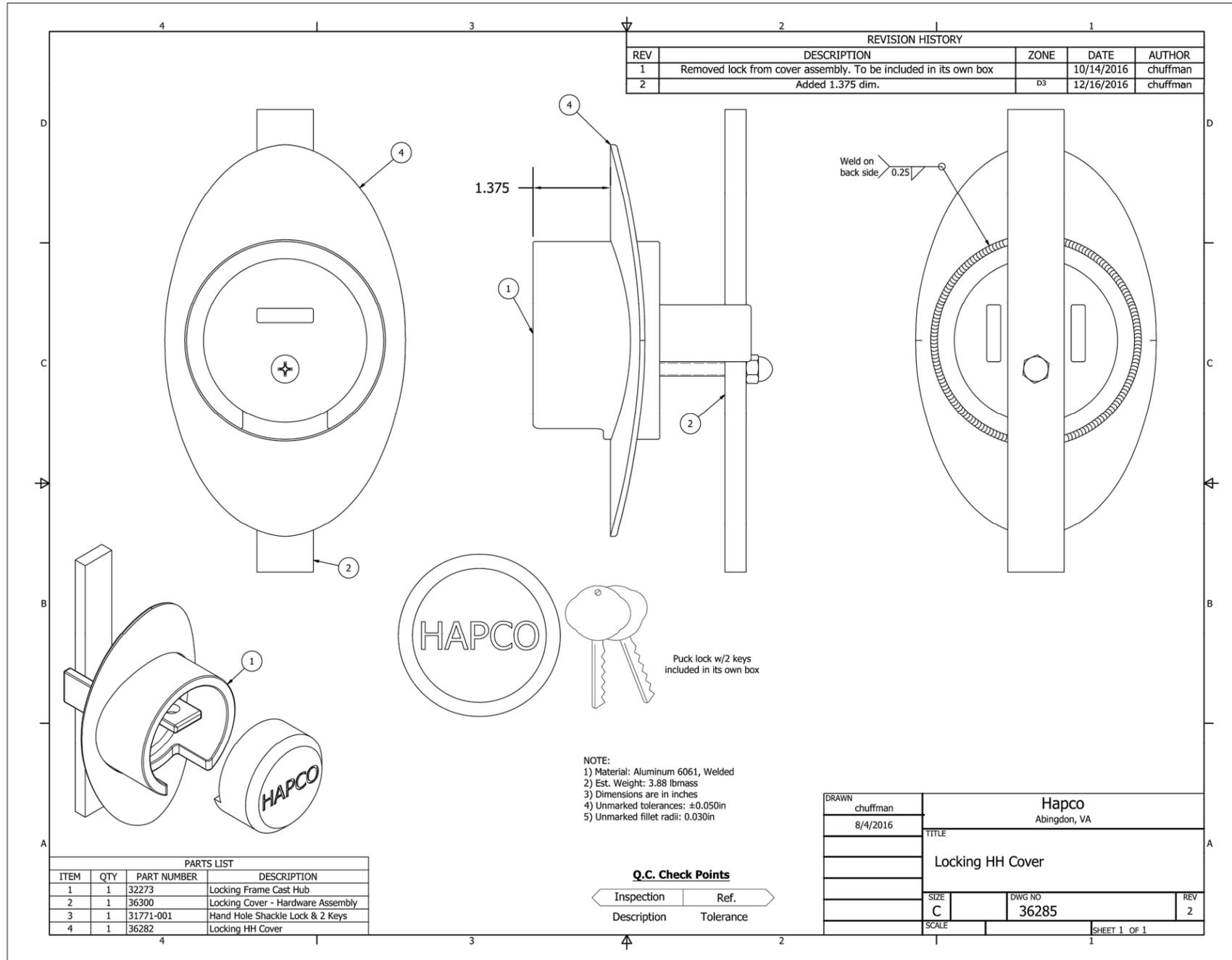
- (2) 1/4"-20NC x 1" Nylon Bolts (25240)
- (2) 1/4"-20NC Black Nylon Nuts (25241)
- (4) 1/4" SS Flatwashers (45370-008)

NO.	REVISIONS	DATE
1	Added Hdw. for Breakaway	9/11
2	Added -005 (PH)	9.17

hapco
Abingdon, Va.

TITLE		BASE COVER ASSEMBLY	
CUSTOMER			
SCALE	6	DATE	6/14/2010
BY	CRH	DWG. NO.	
CHK'D			A18774

Drawing file: W:\Projects_by_Village\Maywood\56519231 - Washington Blvd - Ph II\Alum_Pole_Detail.dwg Aug 05, 2022 - 5:06pm



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	32273	Locking Frame Cast Hub
2	1	36300	Locking Cover - Hardware Assembly
3	1	31771-001	Hand Hole Shackle Lock & 2 Keys
4	1	36282	Locking HH Cover

NOTE:
 1) Material: Aluminum 6061, Welded
 2) Est. Weight: 3.88 lbmass
 3) Dimensions are in inches
 4) Unmarked tolerances: ±0.050in
 5) Unmarked fillet radii: 0.030in

Q.C. Check Points	
Inspection	Ref.
Description	Tolerance

DRAWN chuffman 8/4/2016	Hapco Abingdon, VA		
TITLE Locking HH Cover	SIZE C	DWG NO 36285	REV 2
SCALE	SHEET 1 OF 1		



Civil Engineers
 Municipal Consultants
 Established 1911

DESIGNED - SBC	REVISED -
DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

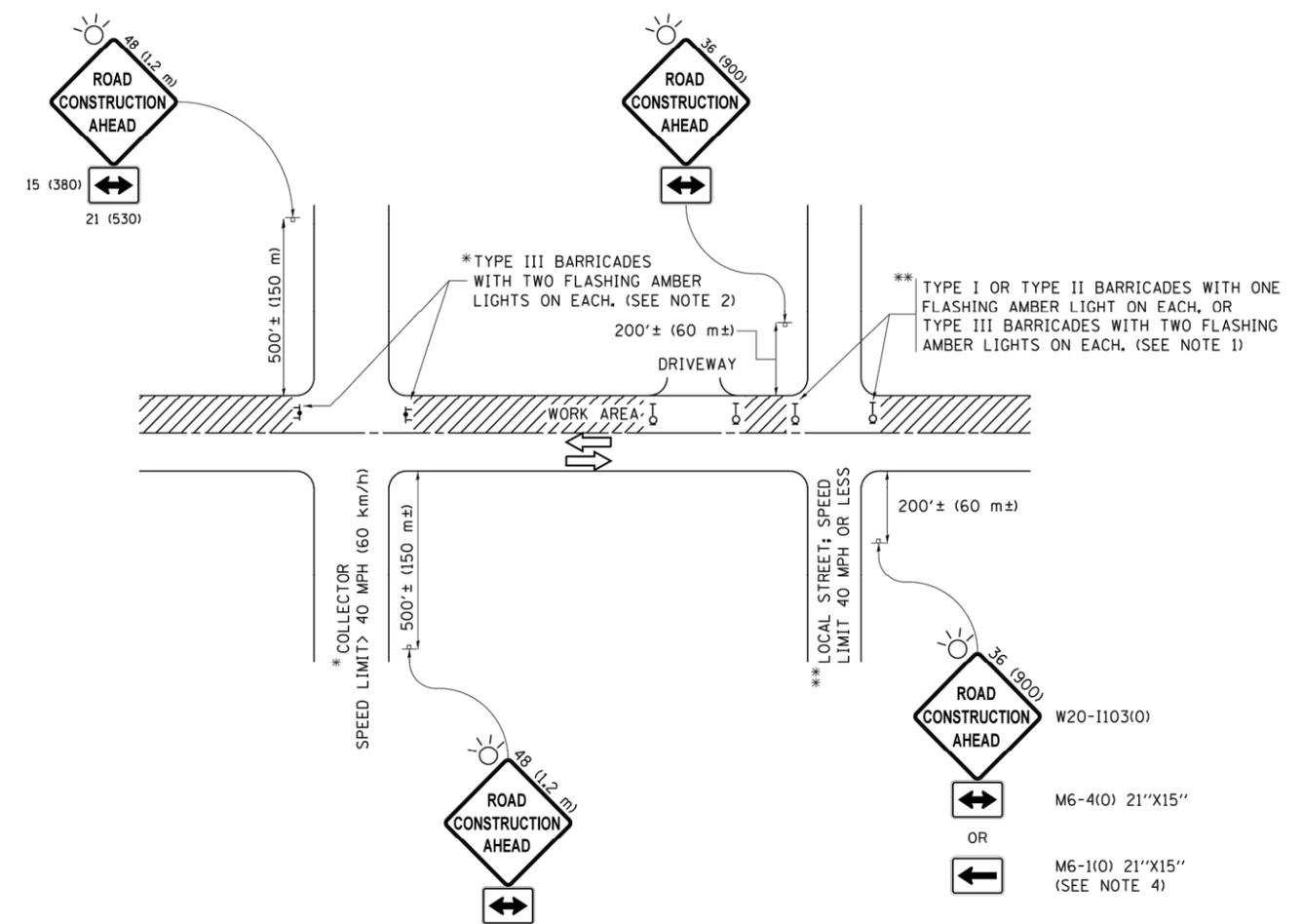
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	88
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 565-19-23101

Drawing file: W:\Projects_by_Village\Weywood\56519231 - Washington Blvd - Ph. I\TC_10.dwg Aug 31, 2022 - 1:07pm



NOTES:

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

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

FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pwr:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\Dist	ORAWN\CADData\CADsheets\to10.dgn	REVISIONS	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

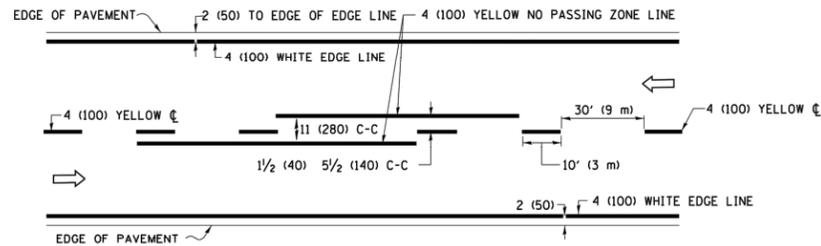
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

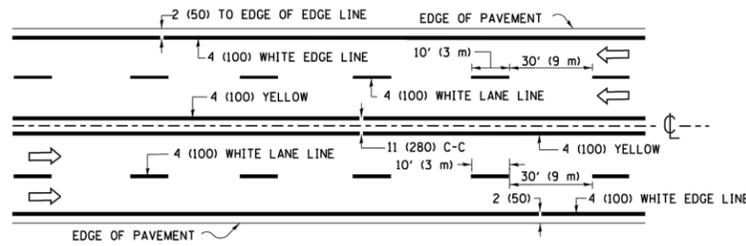
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	89
TC-10		CONTRACT NO. 61J02		
ILLINOIS FED. AID PROJECT				

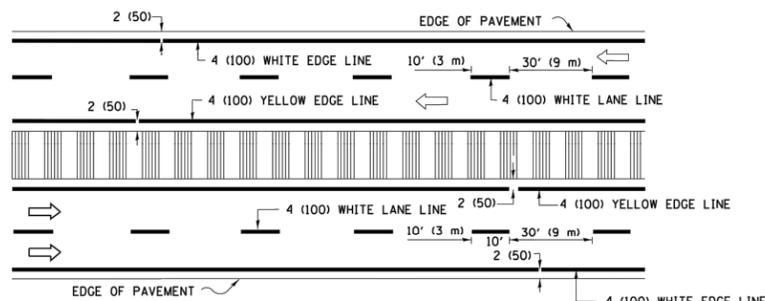
E.H.E. PROJECT NO. 5651923101



2-LANE ROADWAY

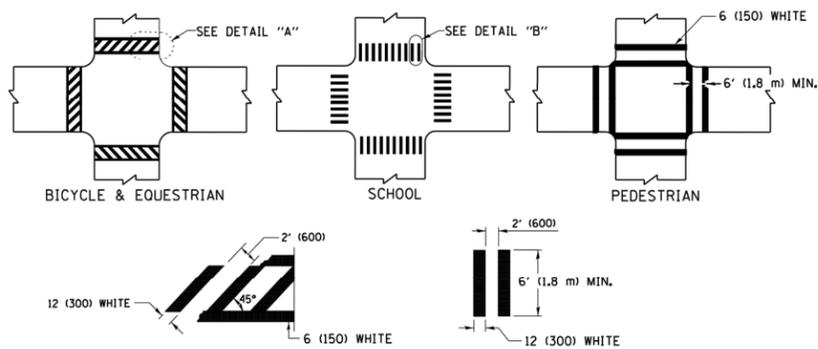


MULTI-LANE UNDIVIDED



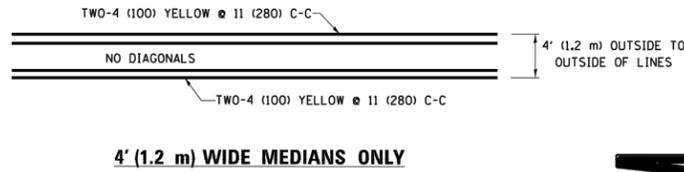
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

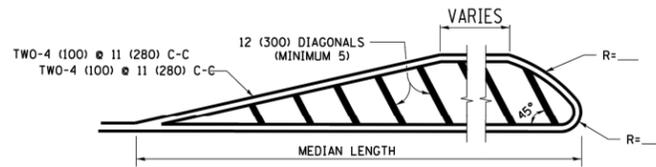


TYPICAL CROSSWALK MARKING

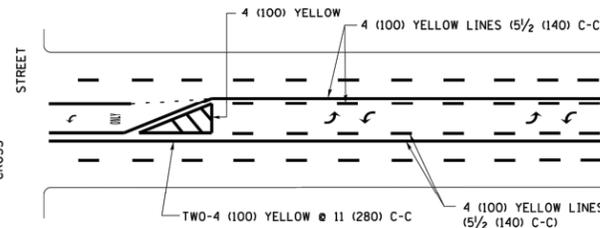
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



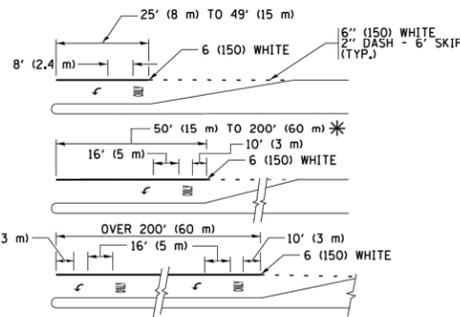
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



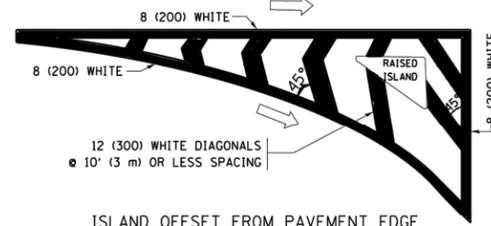
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



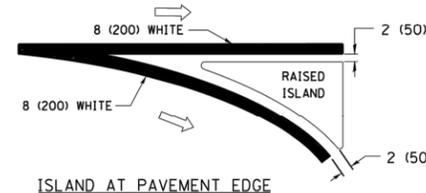
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

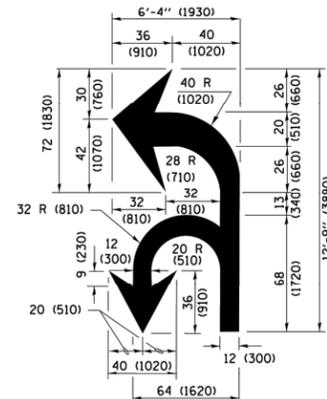
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



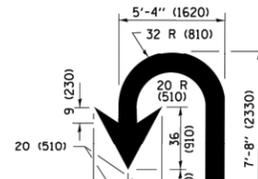
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (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 5/2 (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.
CORE 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.

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
px:\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\tc13.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50.000 / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	90
TC-13		CONTRACT NO.	61J02	
ILLINOIS FED. AID PROJECT				

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

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

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

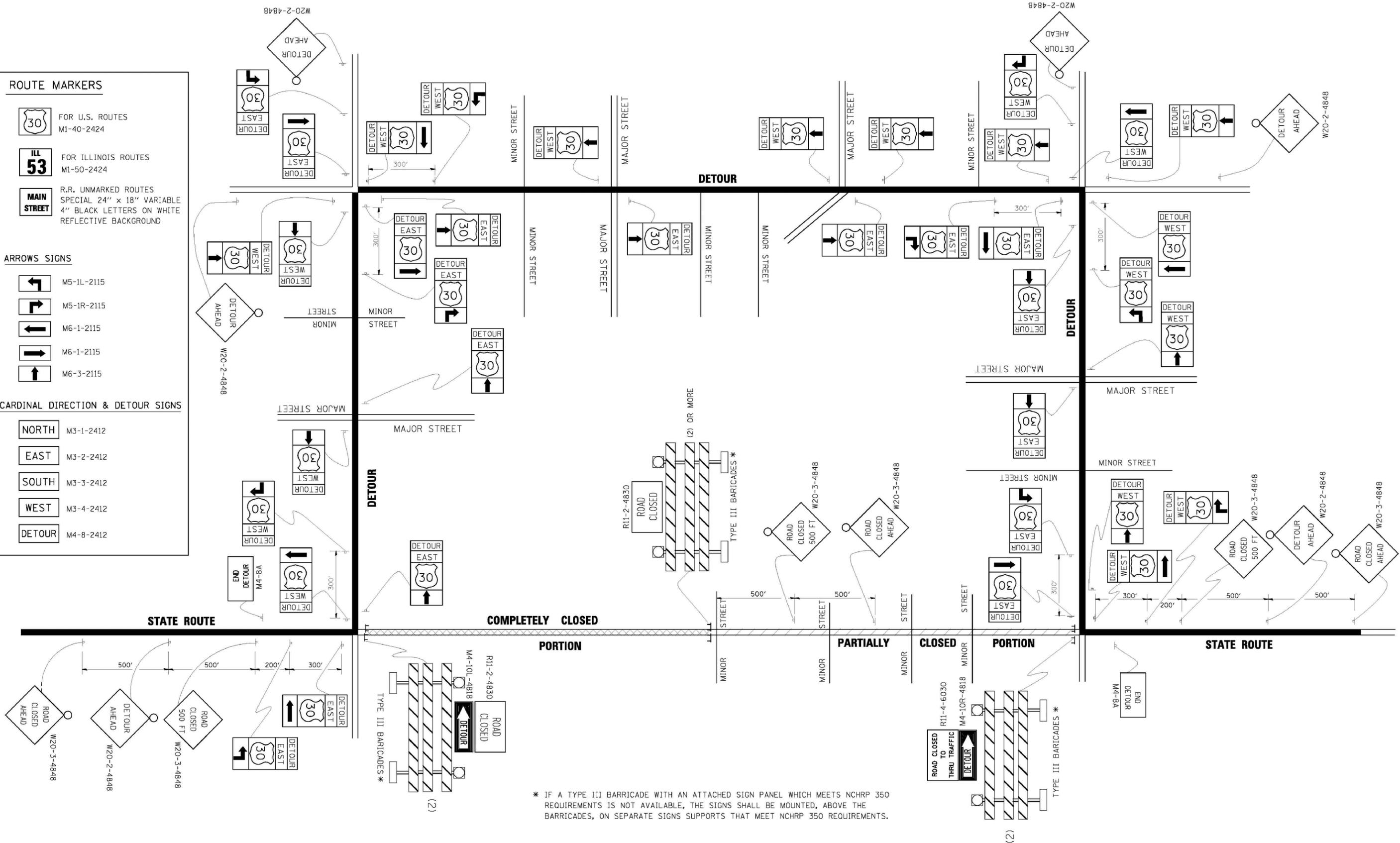
NORTH M3-1-2412

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.

FILE NAME =	USER NAME = drivakosgn
DESIGNED -	REVISED - 10-18-02
DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 49.9999' / IN.	CHECKED -
PLOT DATE = 9/14/2009	DATE -

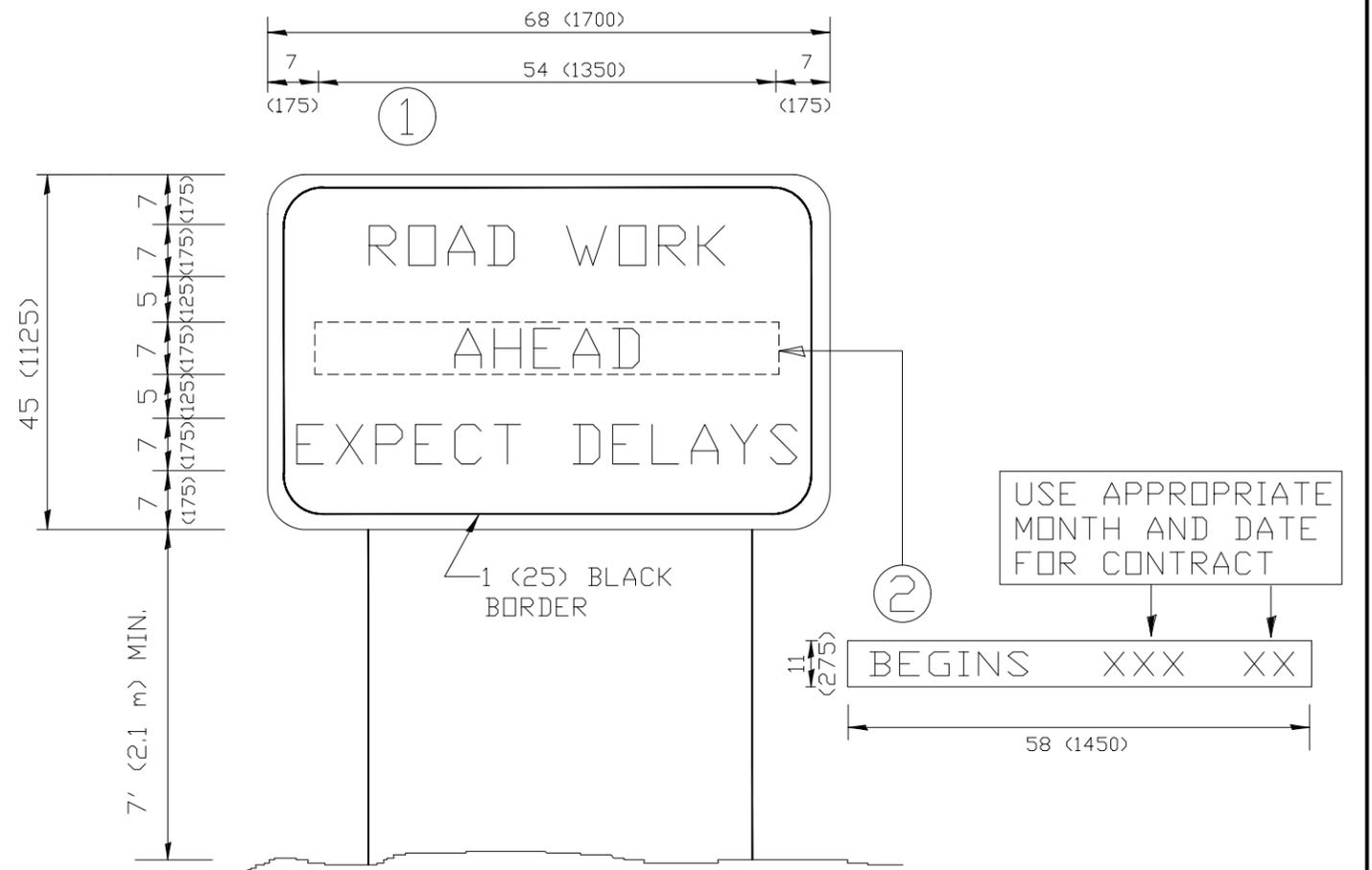
DESIGNED -	REVISED - 10-18-02
DRAWN -	REVISED - R. BORO 09-14-09
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	91
TC-21		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Drawing file: WA\Projects_by_Village\Maywood\56519231 - Washington Blvd - Ph. I\TC_22_2013.dwg Aug 31, 2022 - 1:08pm



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 =	DESIGNED -	REVISED - R. MIRS 09-15-97
PLOT SCALE =	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE =	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

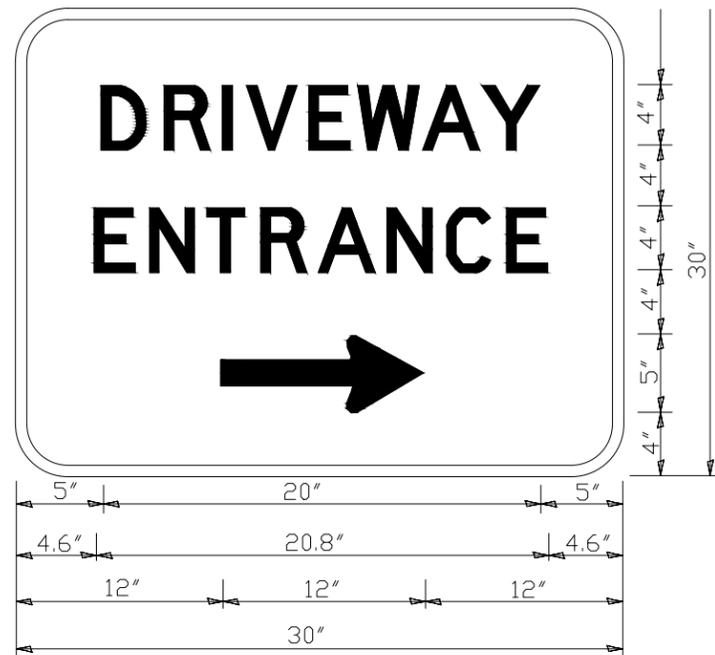
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	92
TC-22			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

E.I.E. PROJECT NO. 665-19-23101



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_filing\Maywood\56519231 - Washington Blvd - Ph I\TC_26_2013.dwg Aug 31, 2022 - 1:10pm

USER NAME =	DESIGNED -	REVISED - C. JUCIUS 02-15-07
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

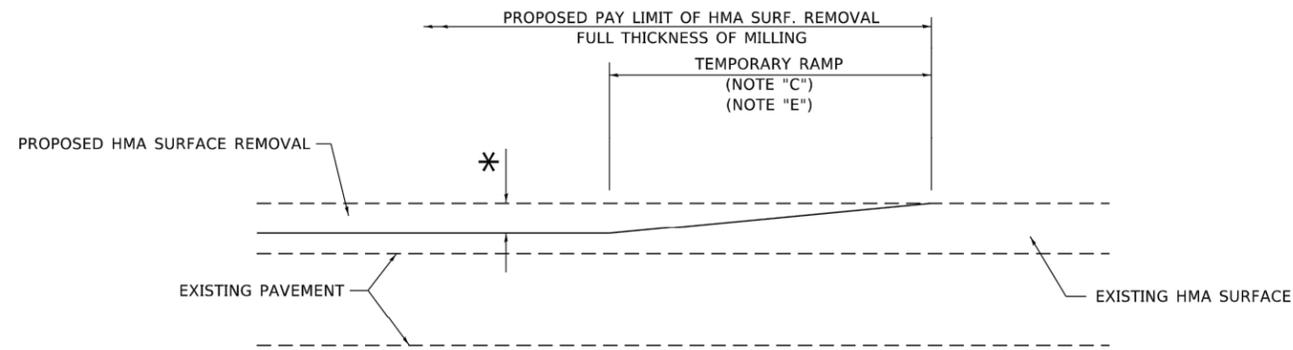
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	93
TC-26			CONTRACT NO. 61J02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

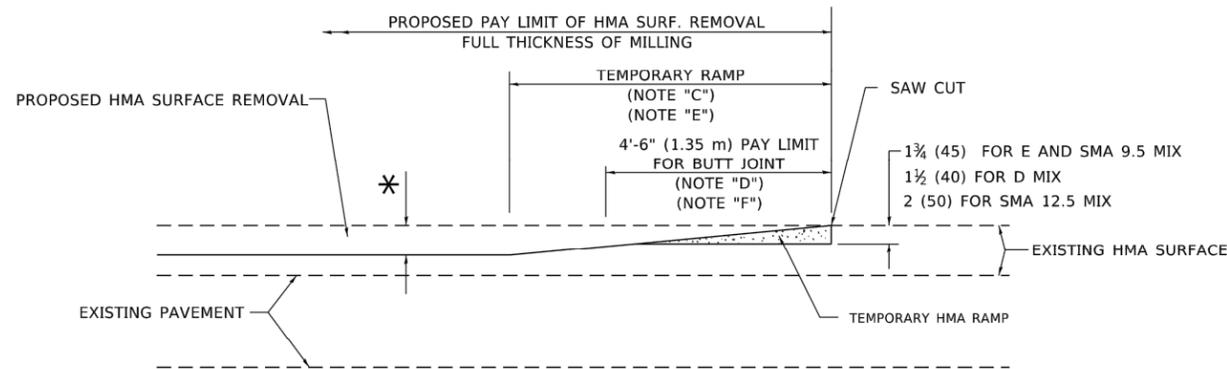
I.E.H. PROJECT NO. 565-19-23101



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

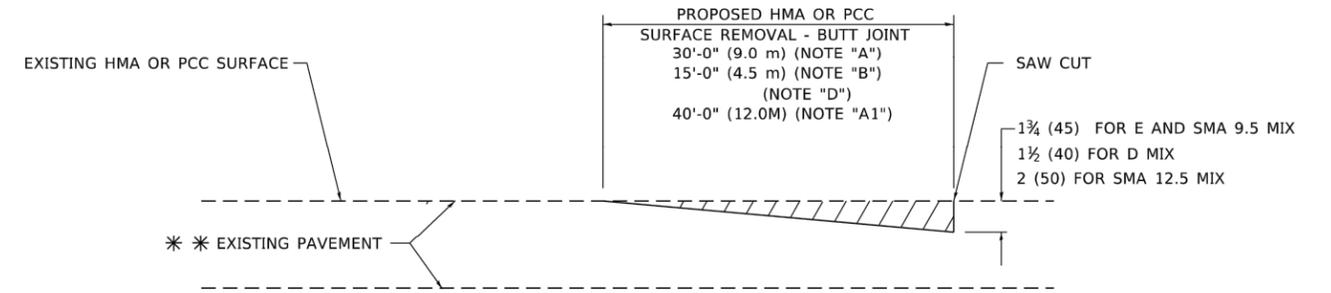


HMA CONSTRUCTED TEMPORARY RAMP

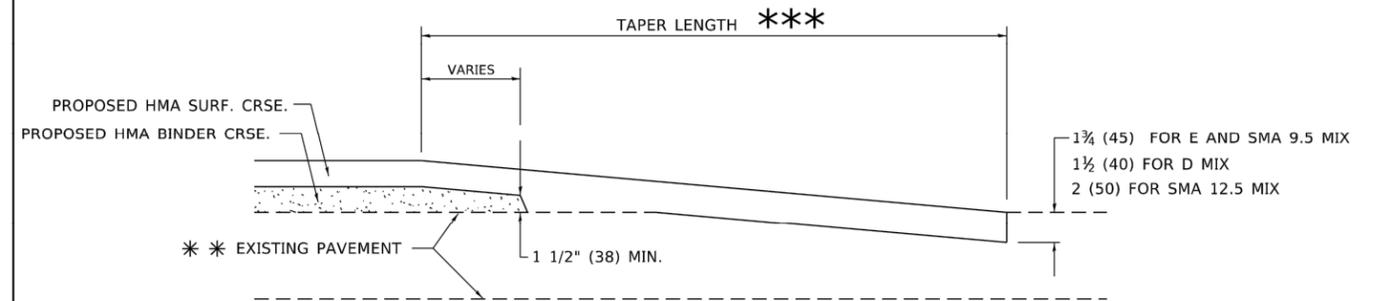
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

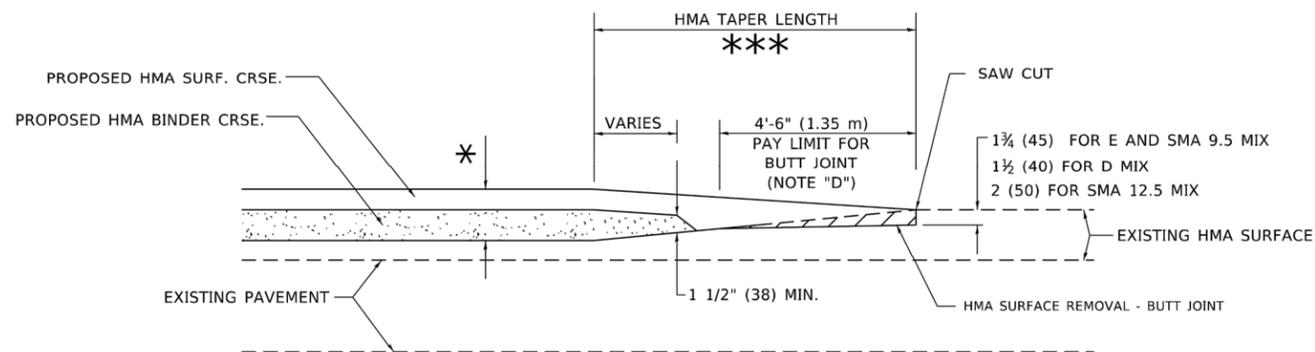
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

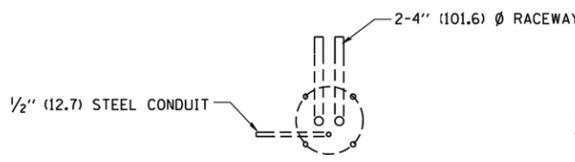
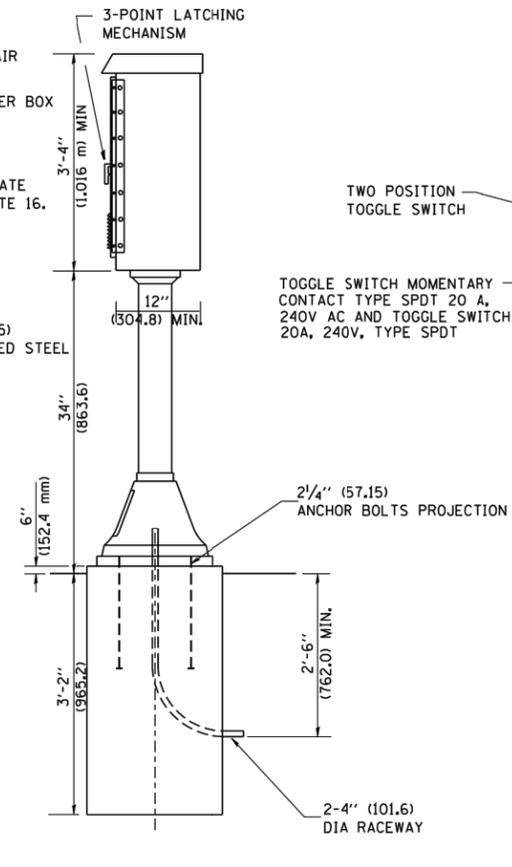
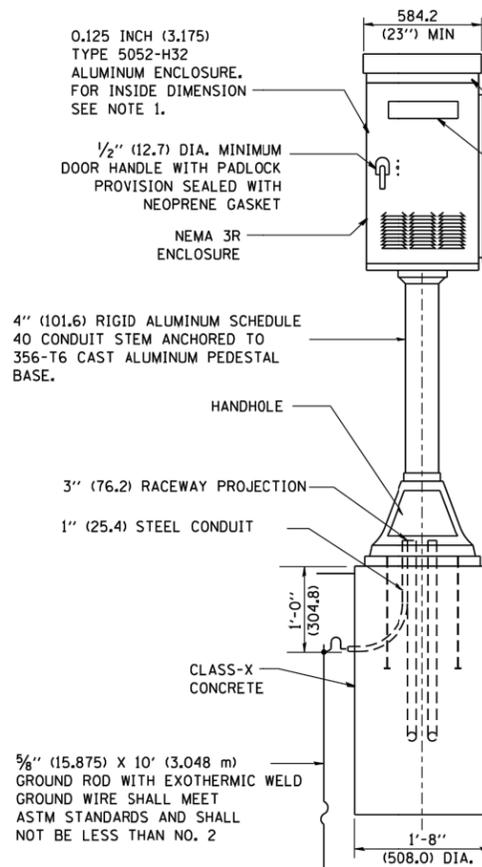
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
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PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

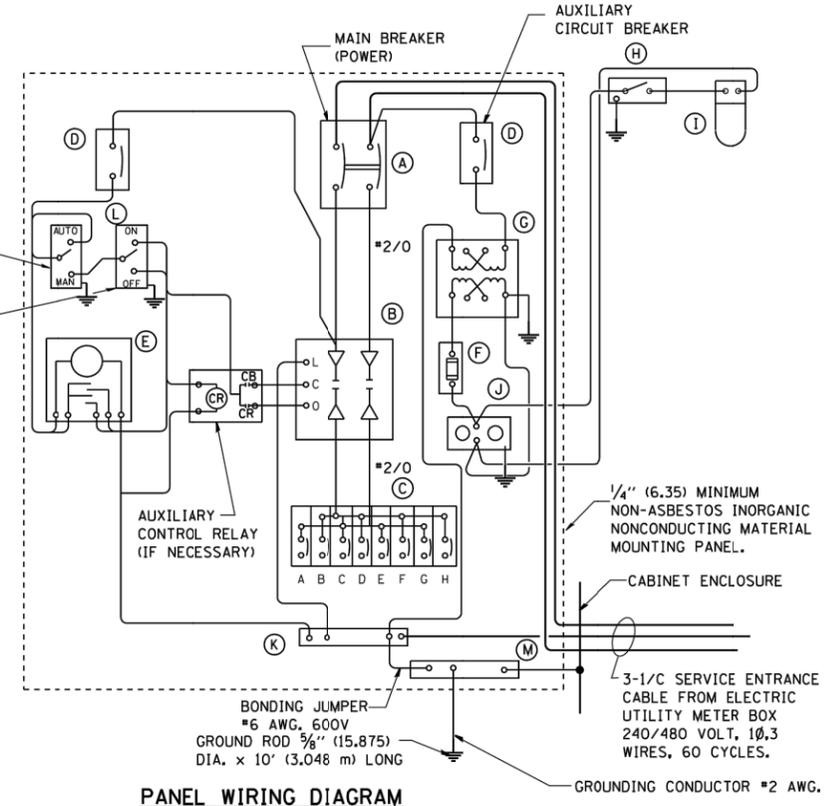
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	94
BD400-05 BD-32		CONTRACT NO. 61J02		
ILLINOIS FED. AID PROJECT				



FOUNDATION PLAN

CONTROL CABINET



PANEL WIRING DIAGRAM

PANEL EQUIPMENT

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

NOTES:

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18,288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

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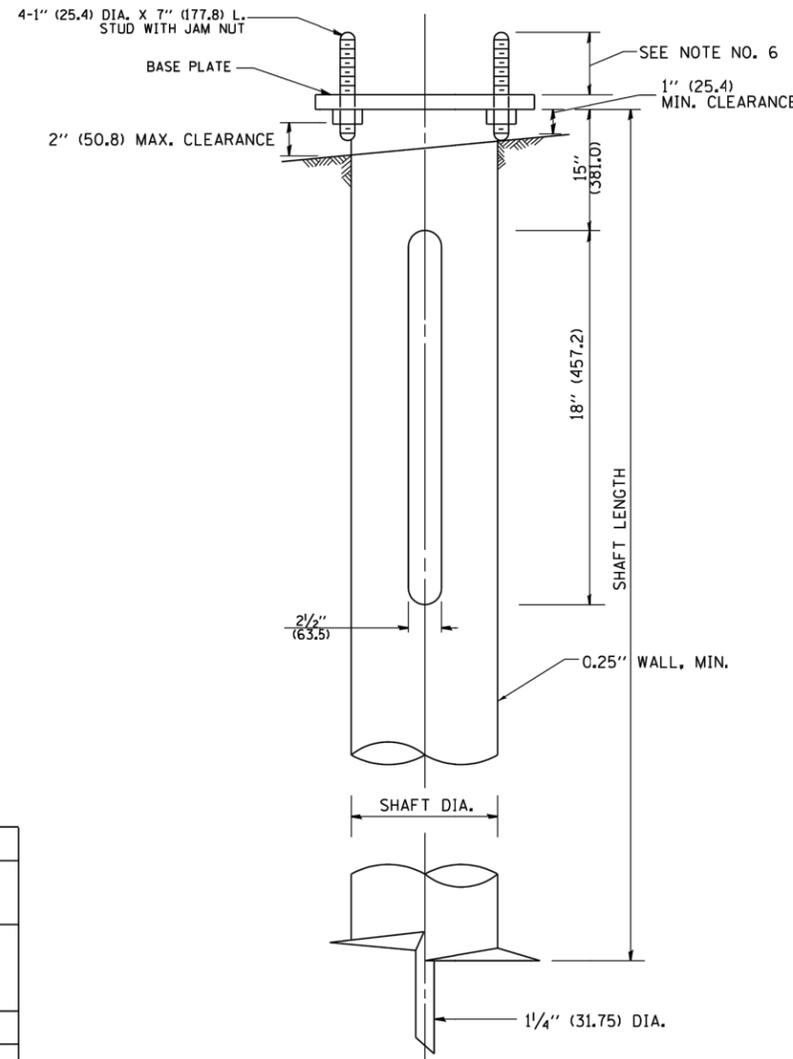
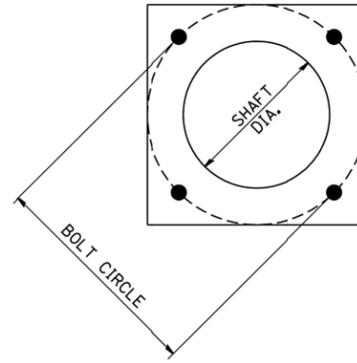
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PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -	
PLOT DATE = 1/4/2008	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING CONTROLLER PEDESTAL MOUNT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	95
BE-210		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 685-19-23101



NOTES:

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

HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

METAL HELIX FOUNDATION MATERIALS

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

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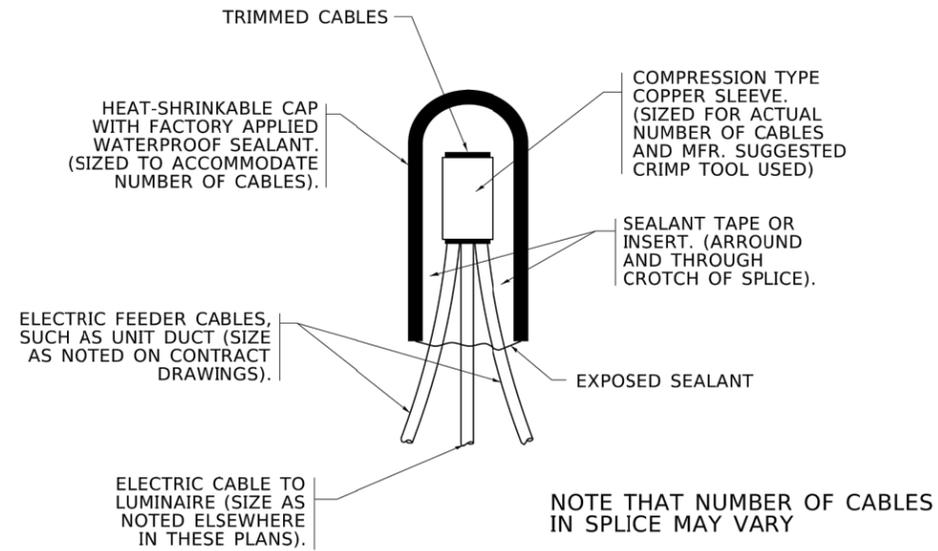
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		CHECKED -	REVISED -
		DATE - 02-27-07	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHT POLE FOUNDATION, METAL			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

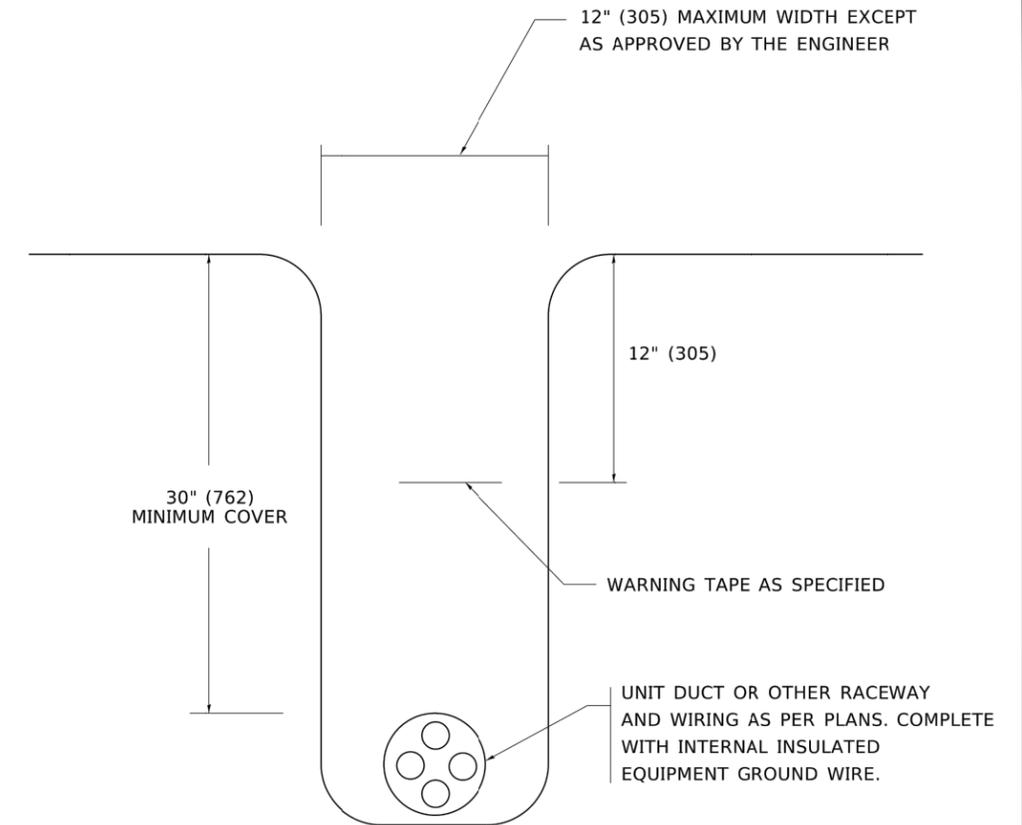
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 665-19-23101

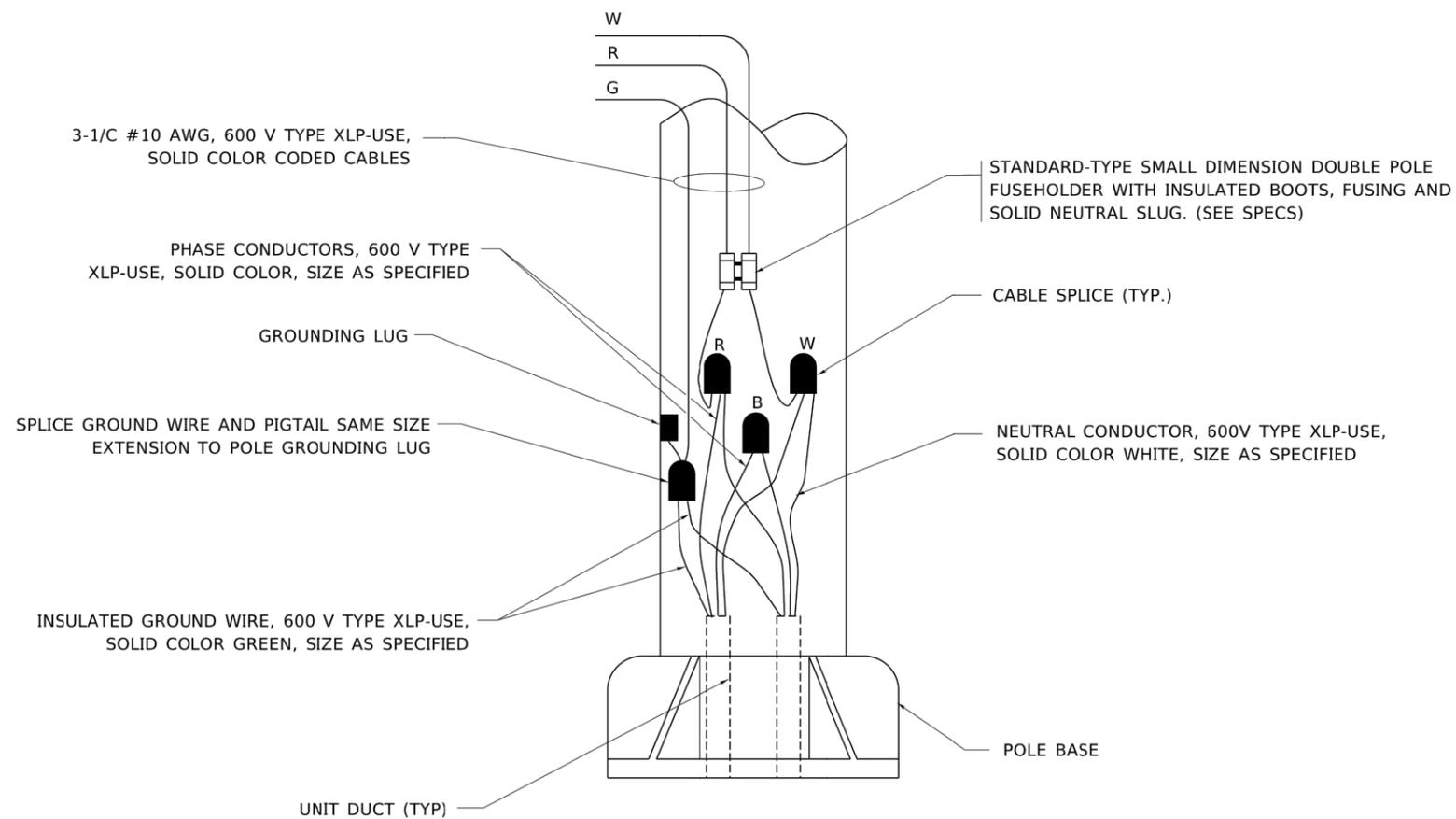


NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY

TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

Drawing file: W:\Projects_by_Village\Waywood\66519231 - Washington Blvd - Ph II\Lighting-Details.dwg Aug 31, 2022 - 1:16pm

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

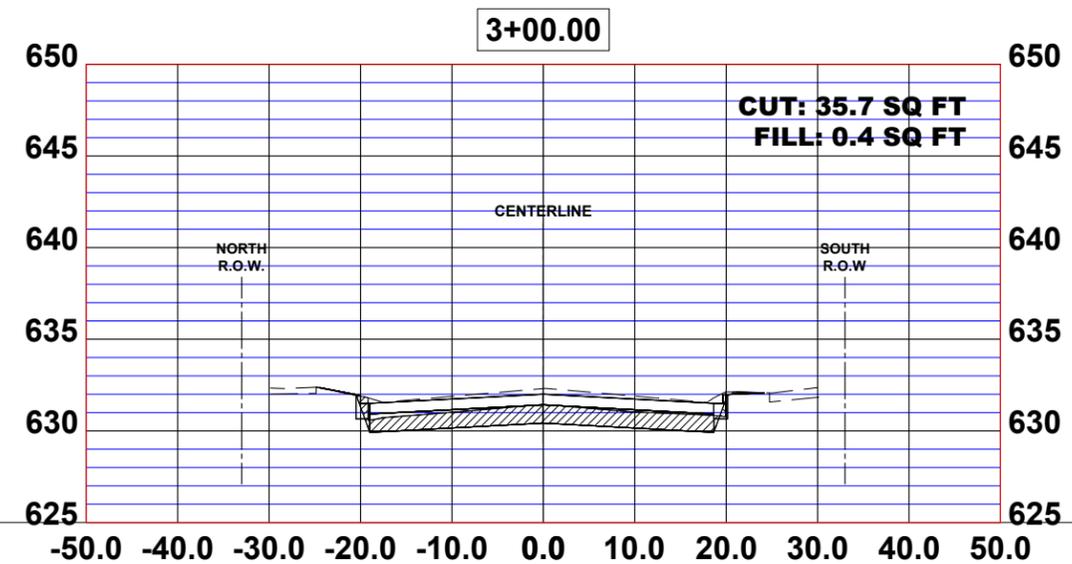
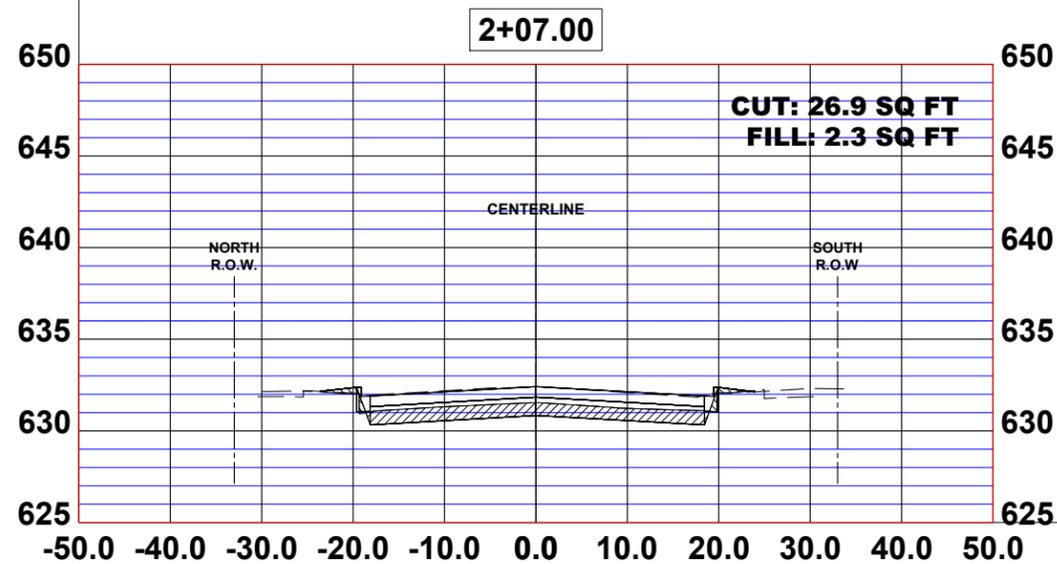
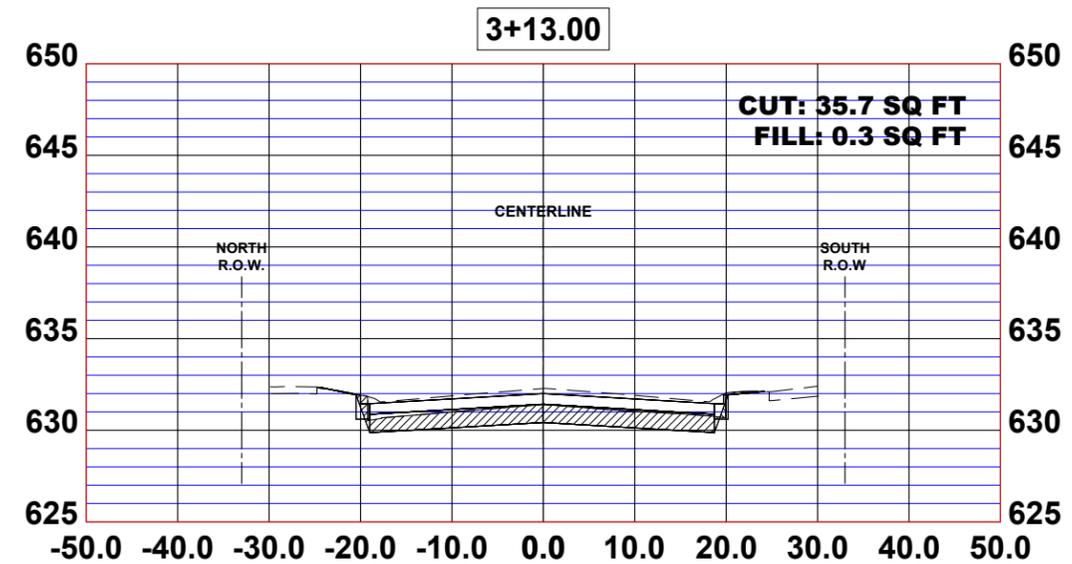
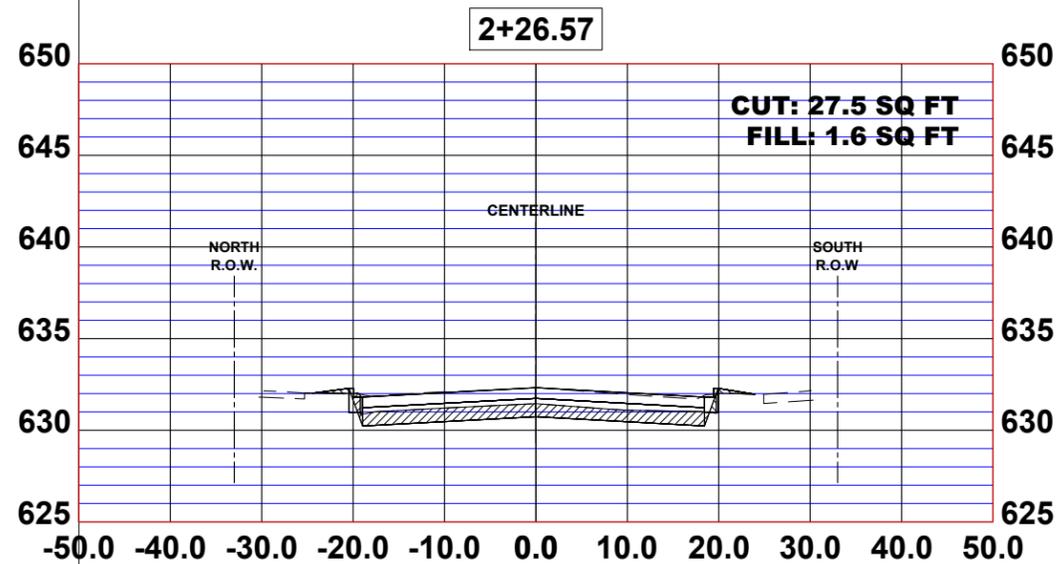
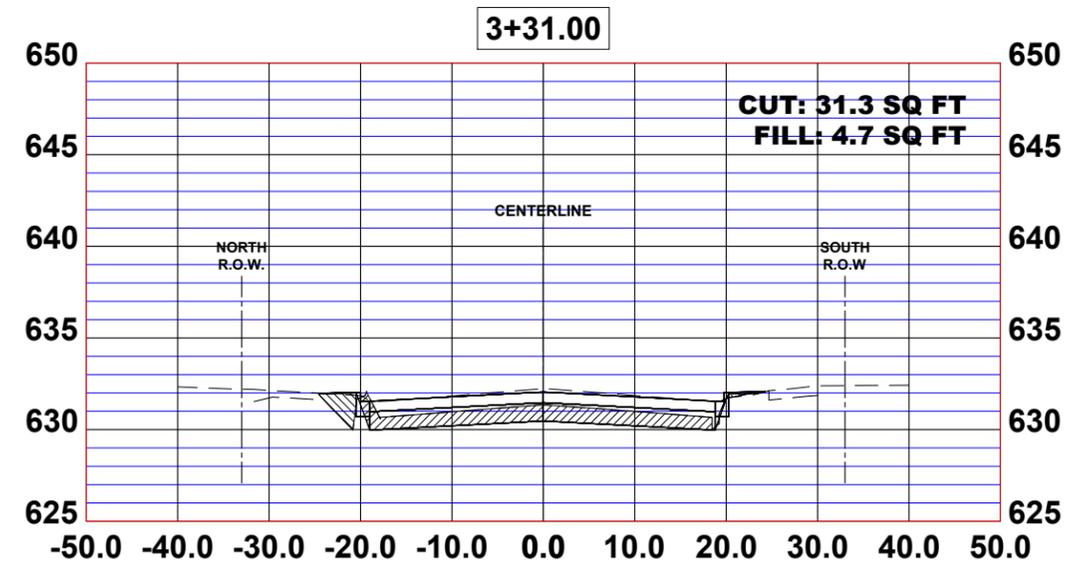
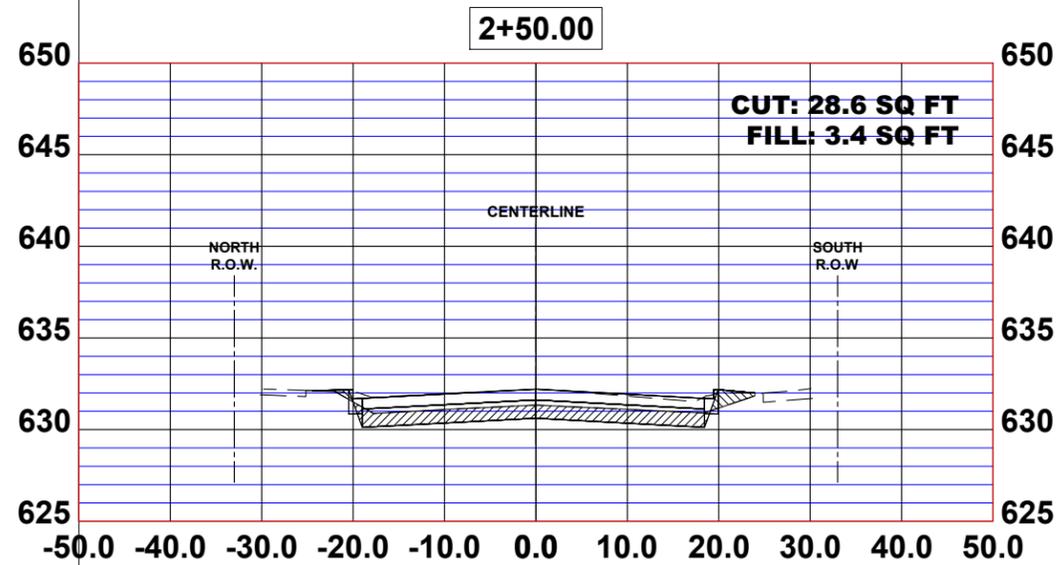
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SHEET A

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

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3015	18-00139-00-PV	COOK	116	97
BE-702		CONTRACT NO. 61J02		
ILLINOIS FED. AID PROJECT				

E.I.E. PROJECT NO. 665-19-23101

Drawing file: W:\Projects_by_Village\Waywood\66519231 - Washington Blvd - Ph I\X sections.dwg Aug 05, 2022 - 5:06pm



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 ♦ Established 1911
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 Wheeling, IL 60154-2782
 Phone: 708-946-5800
 www.hancock.com

DESIGNED - SBC
 DRAWN - SFB, DMM
 CHECKED - WOP
 DATE - 8-8-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

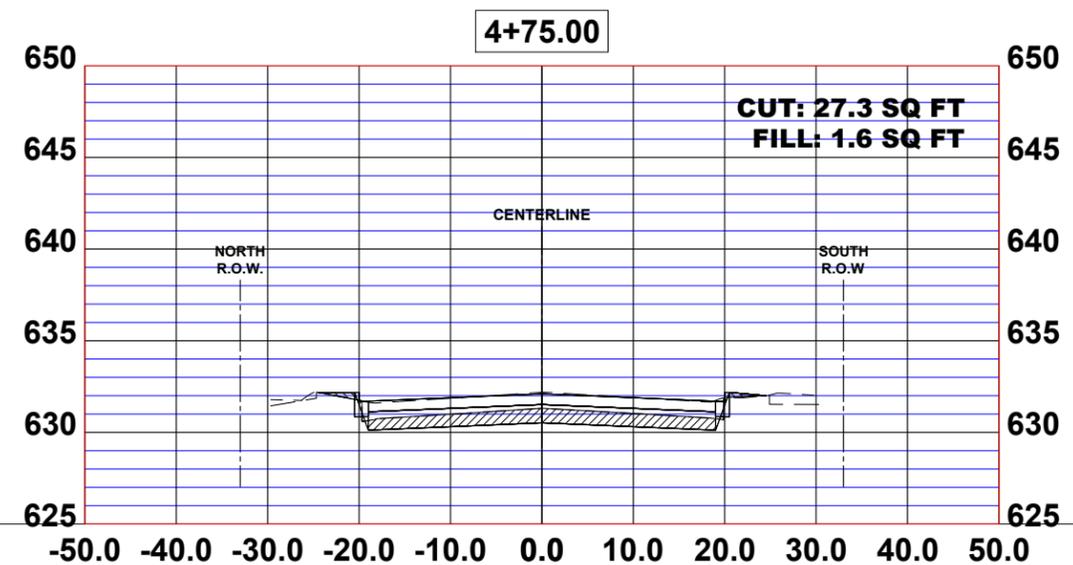
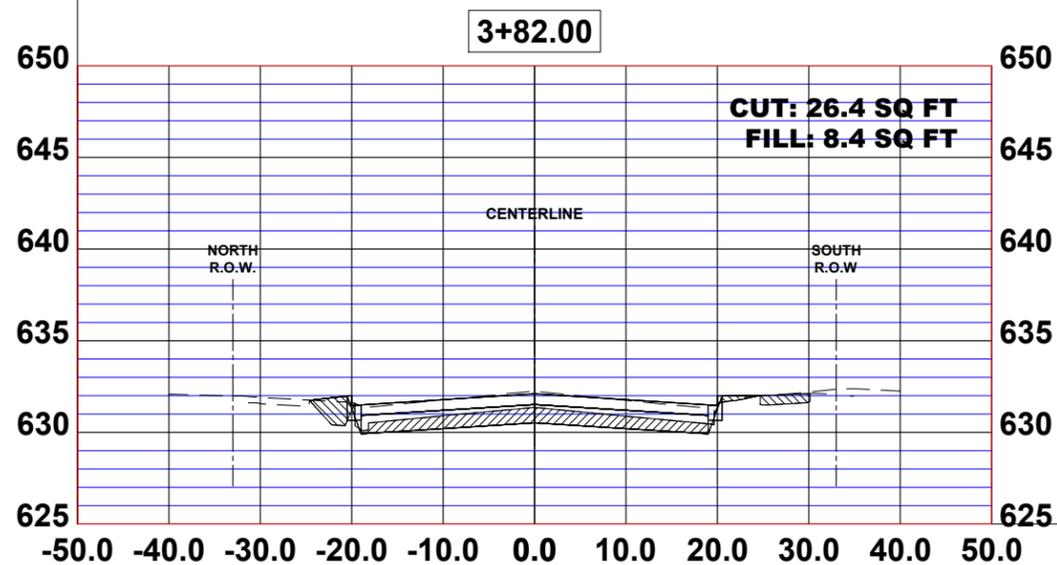
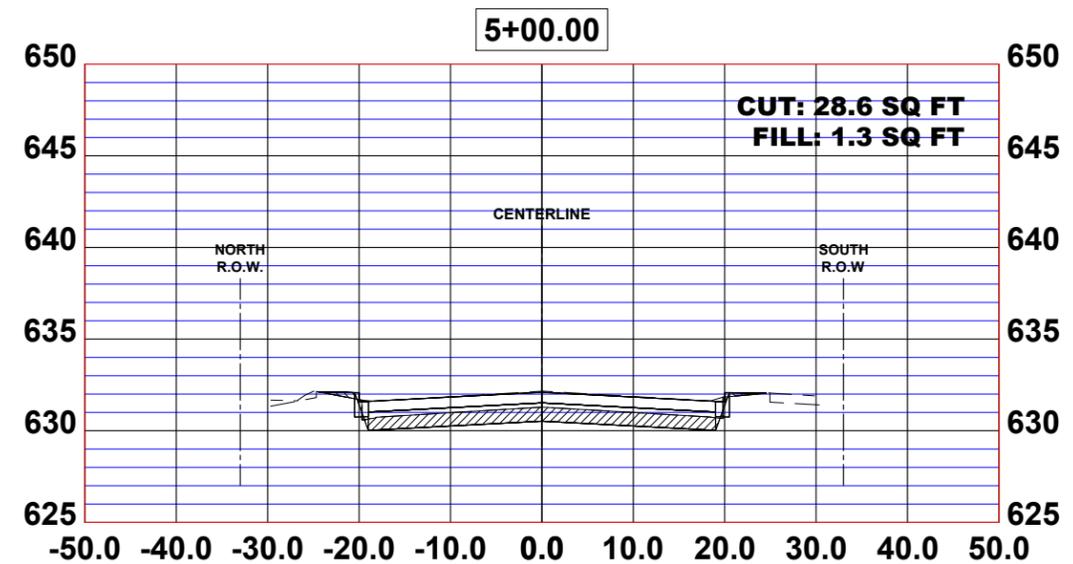
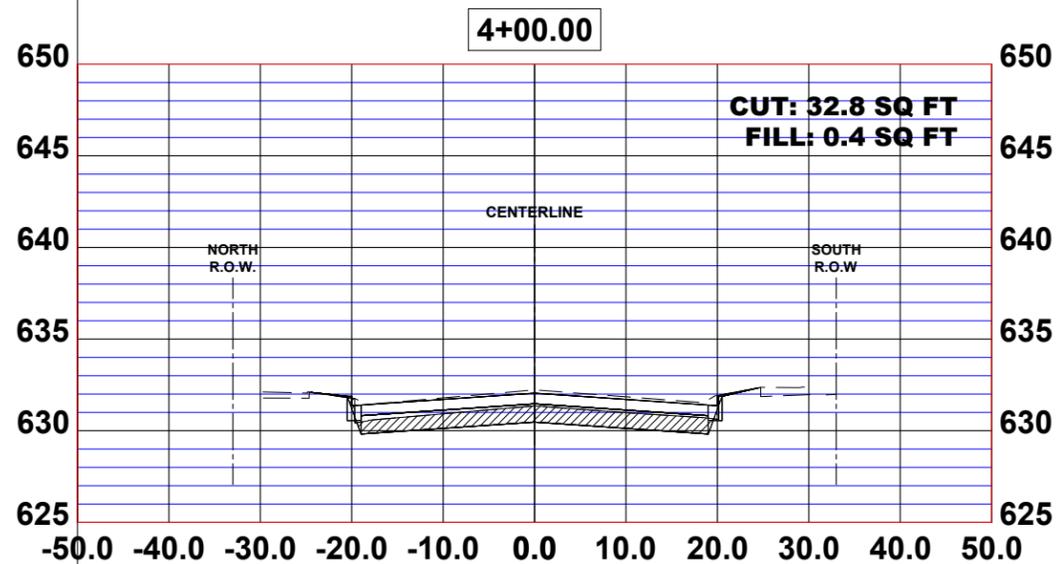
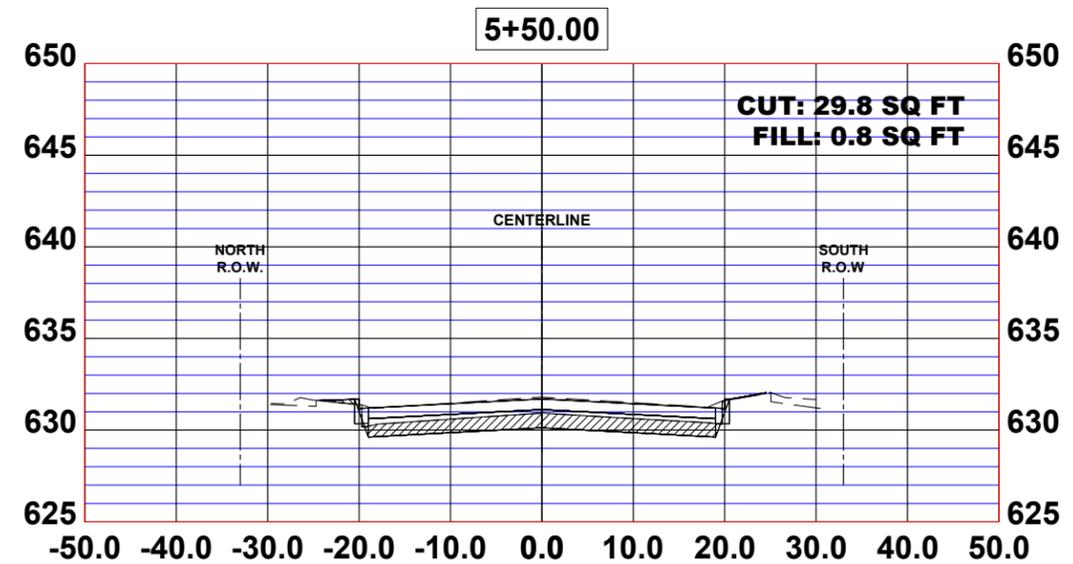
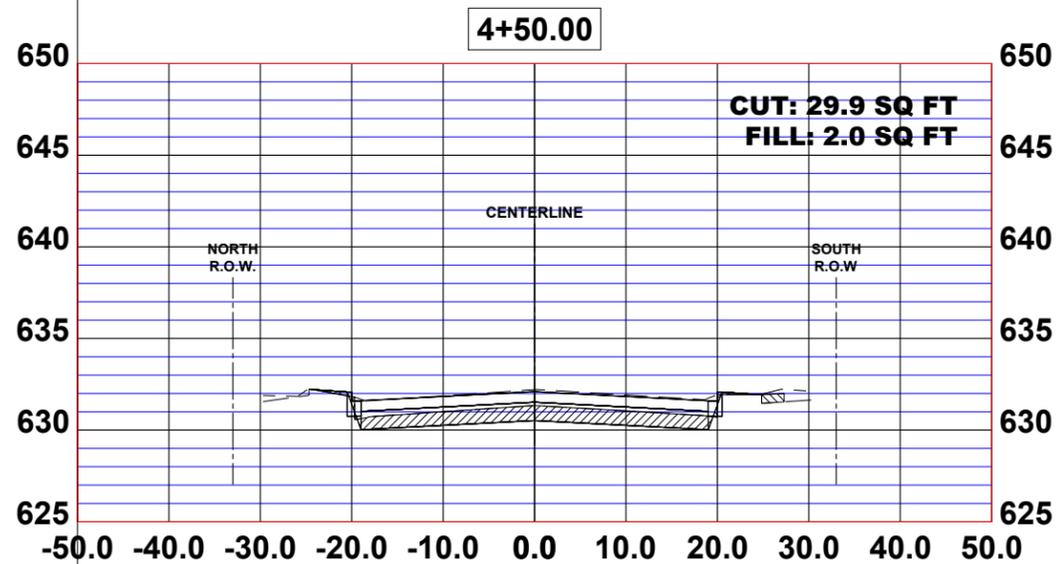
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 1 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	98
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101



Drawing file: W:\Projects_by_Village\Waywood\66519231 - Washington Blvd - Ph I\X sections.dwg Aug 05, 2022 - 5:06pm

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DESIGNED -	SBC	REVISED -	
DRAWN -	SFB, DMM	REVISED -	
CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

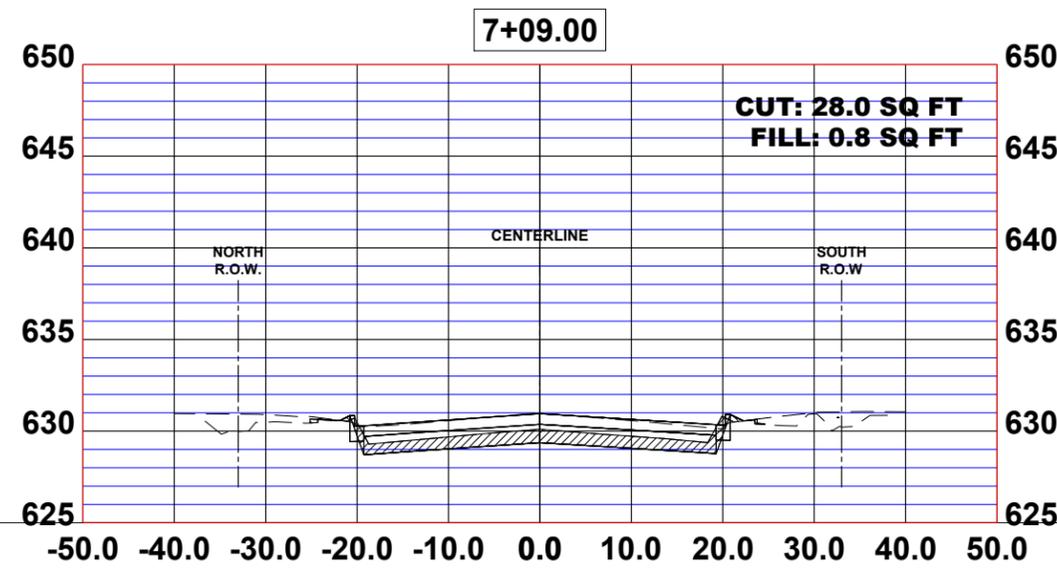
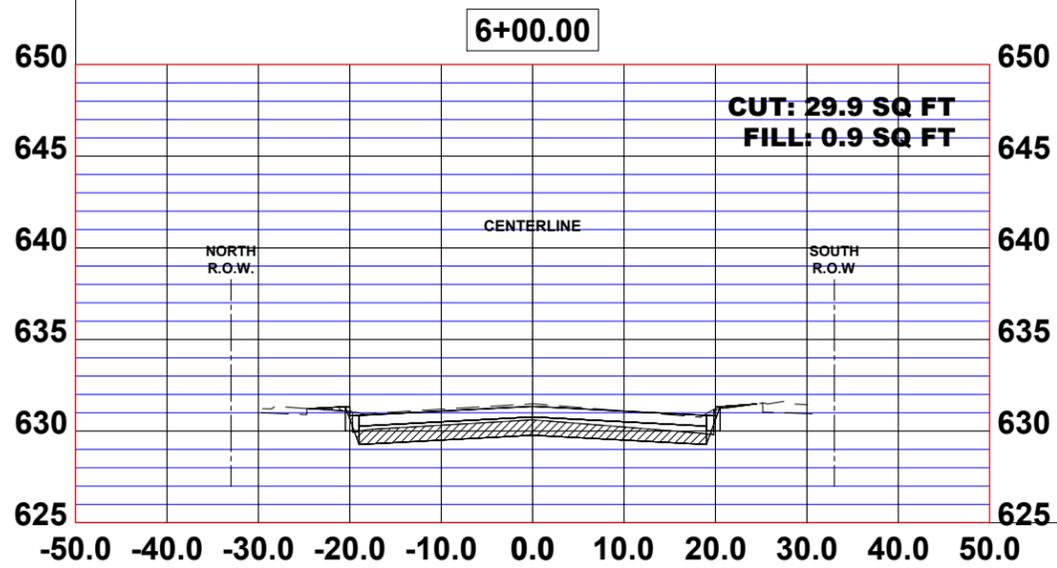
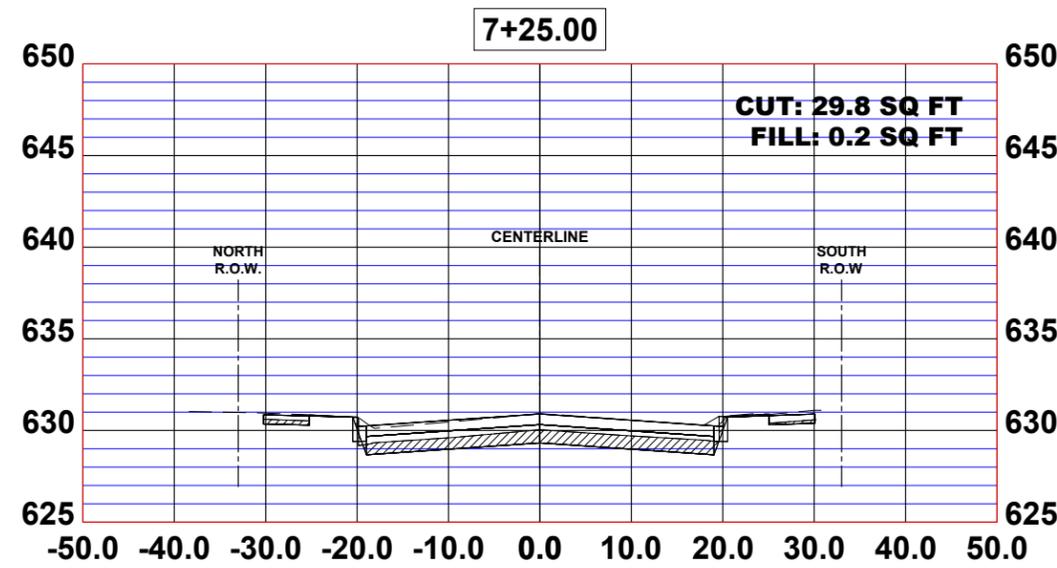
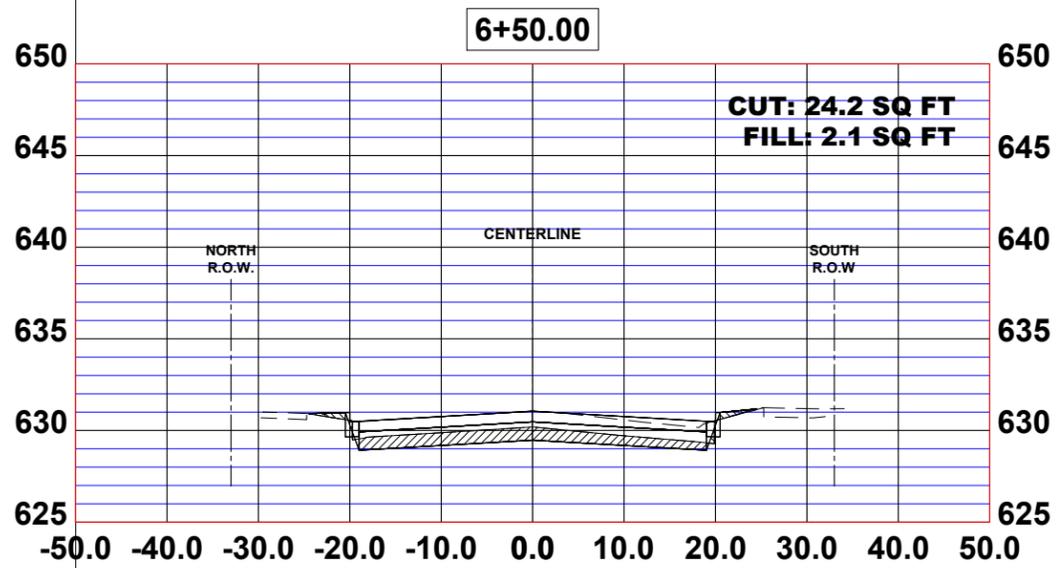
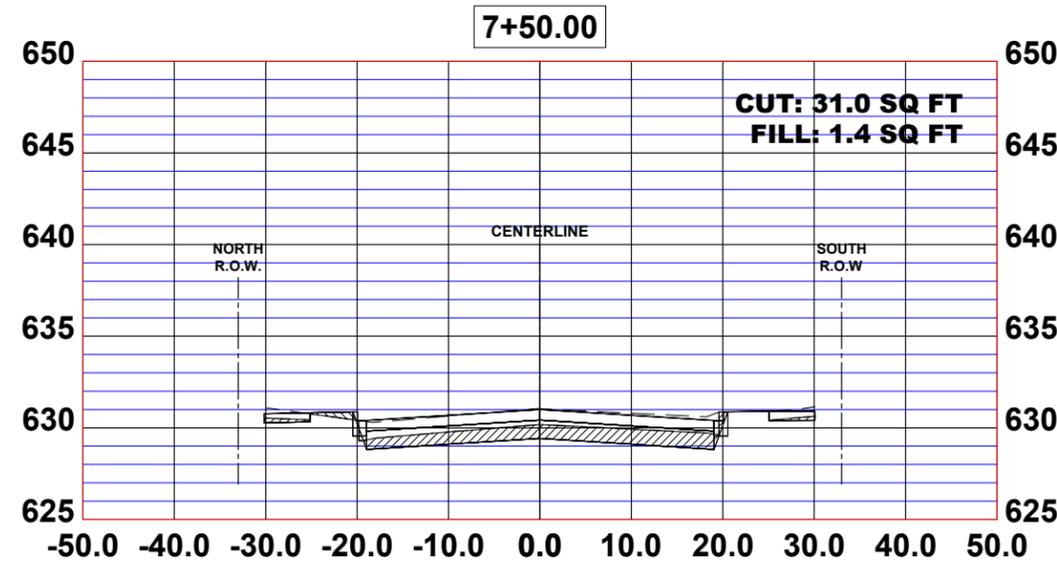
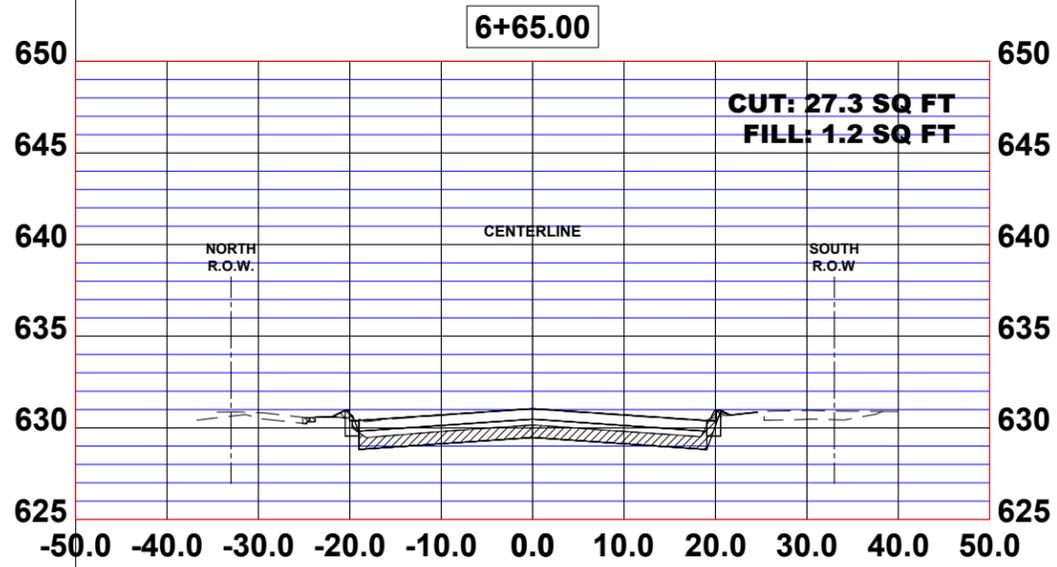
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATION CROSS SECTIONS
 SCALE: H:1"=10', V:1"=5' SHEET NO. 2 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	99
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101

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 DATE - 8-8-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

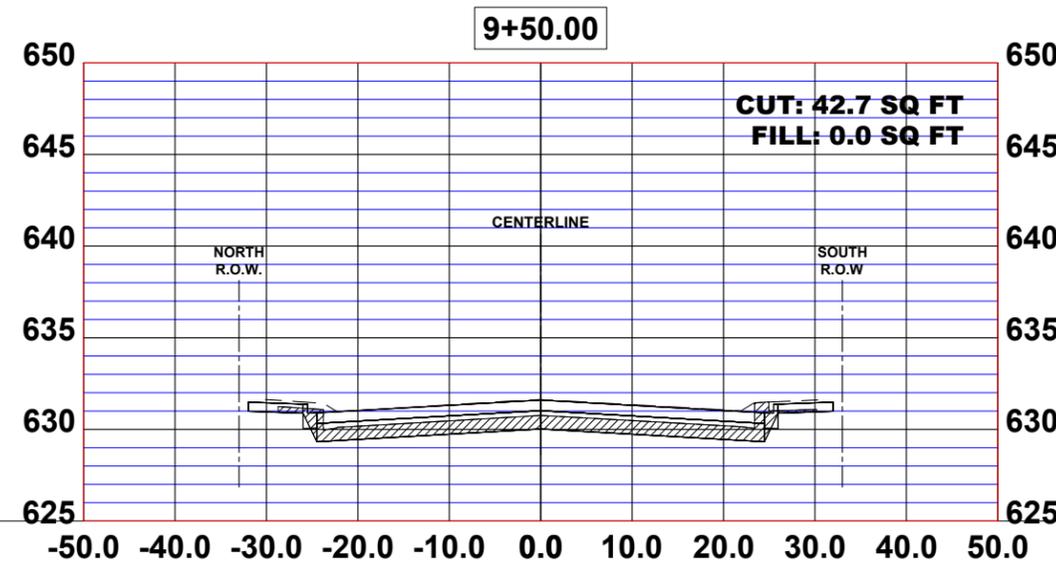
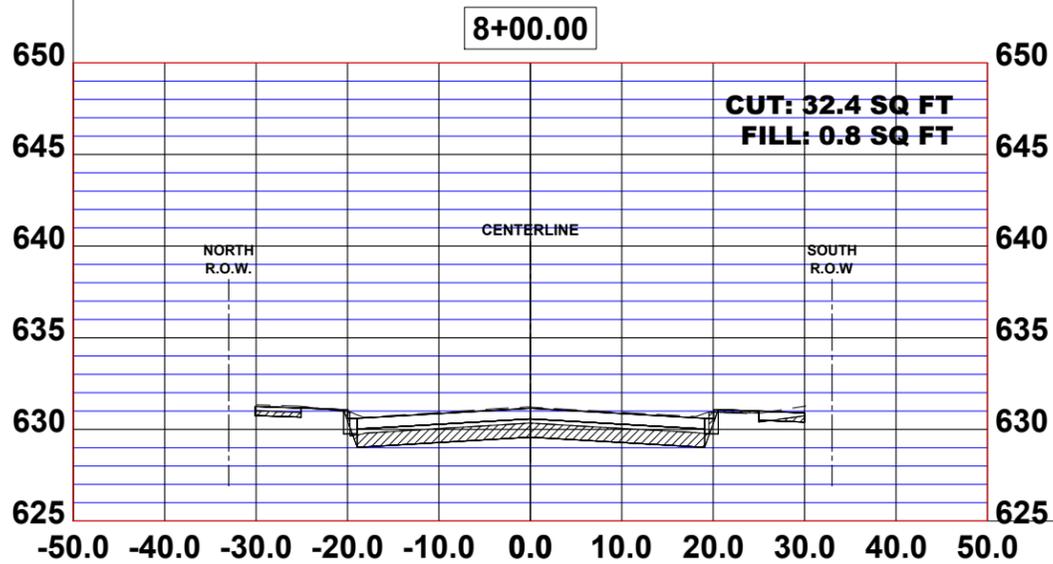
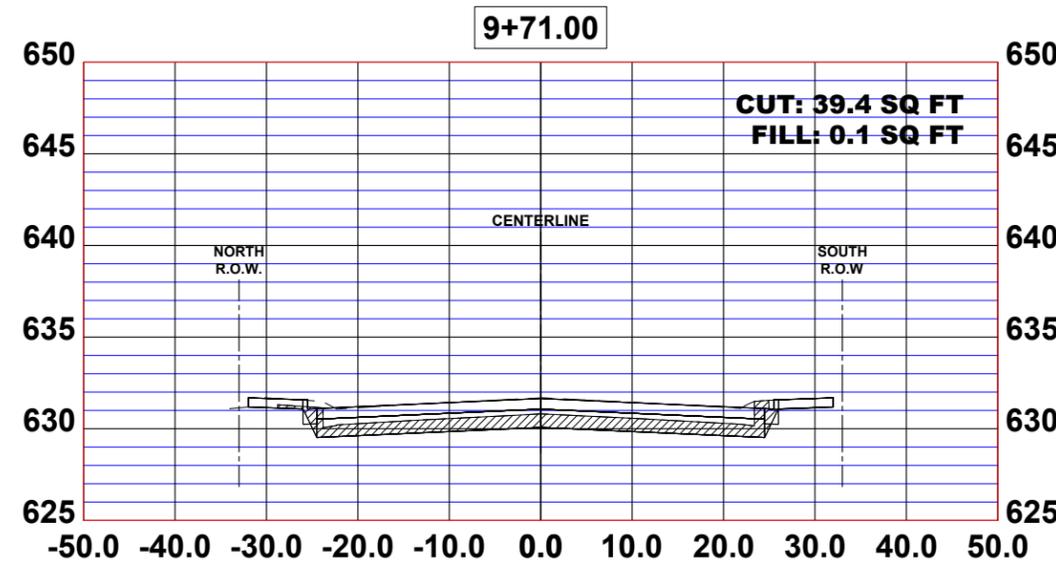
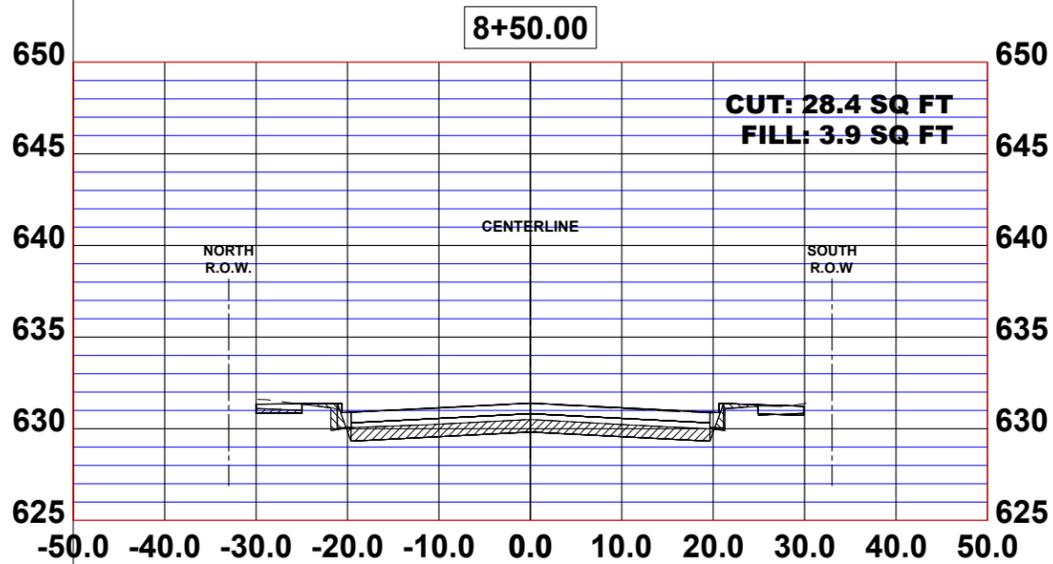
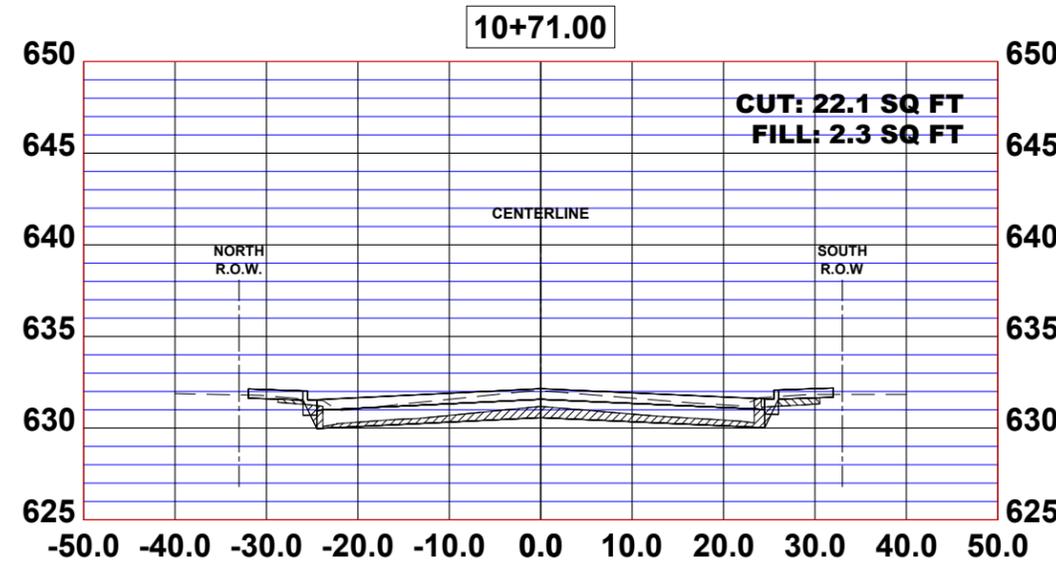
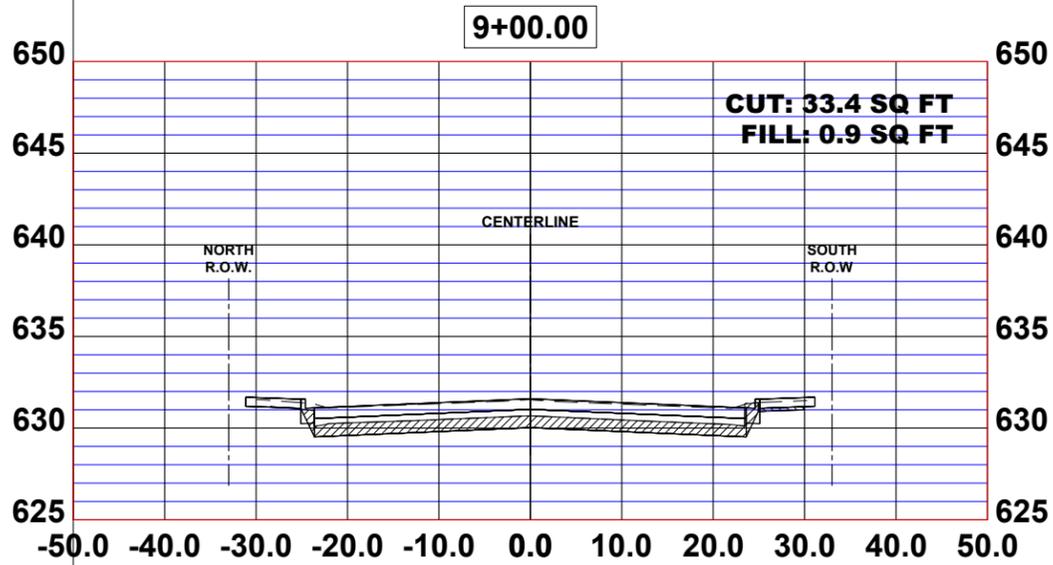
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 3 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	100
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101

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 DATE - 8-8-22

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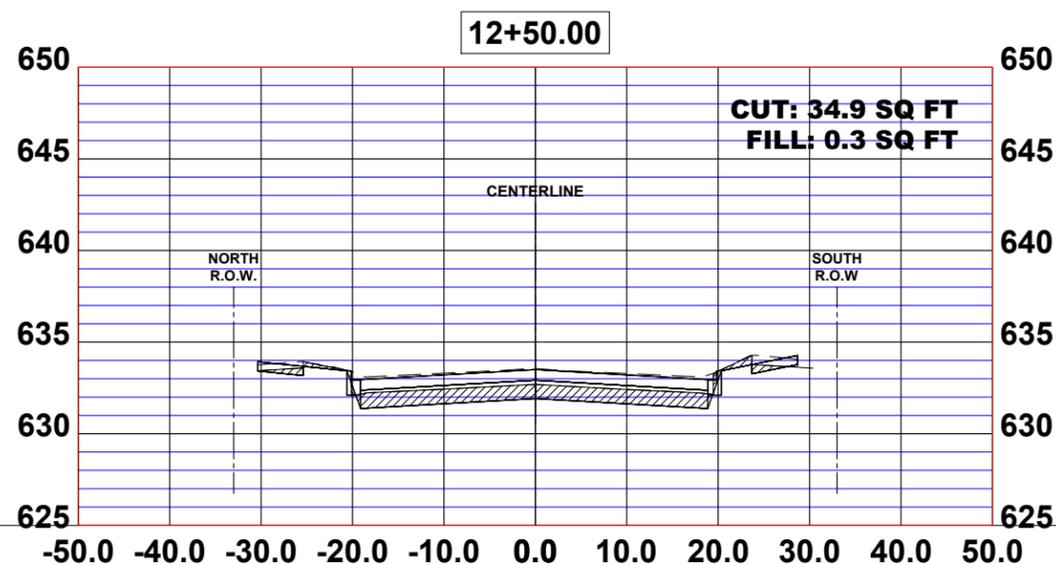
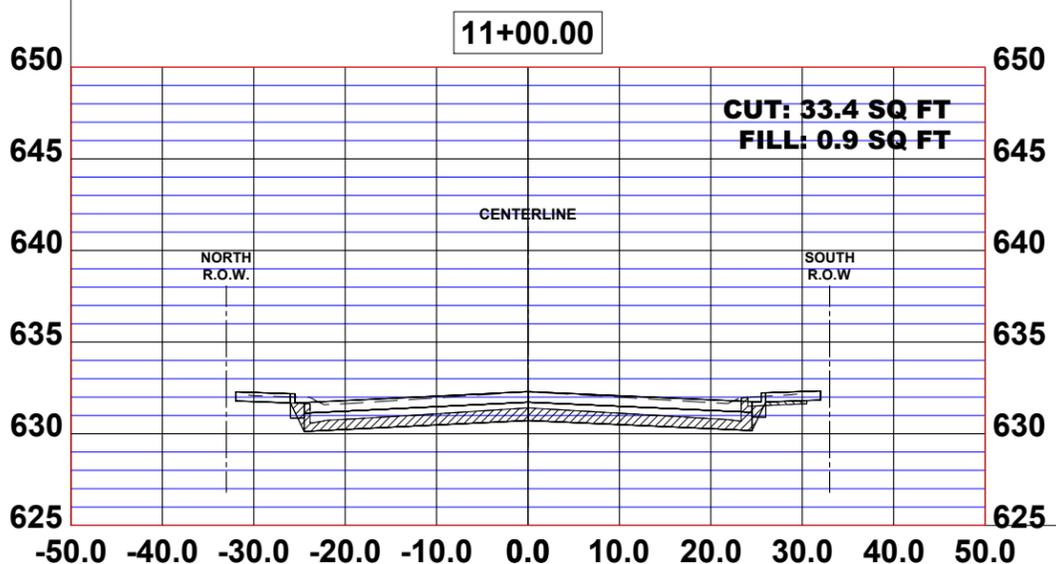
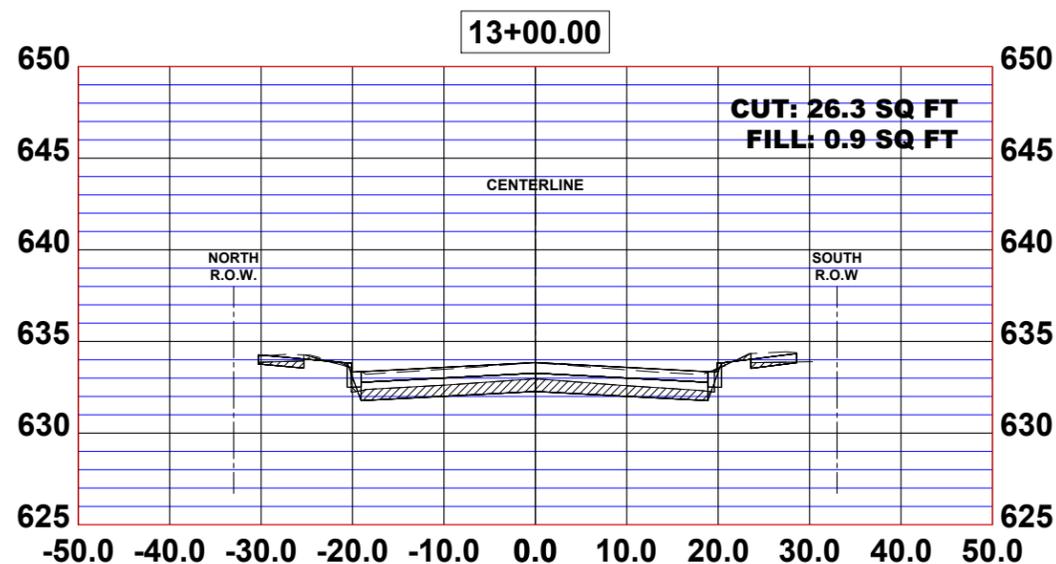
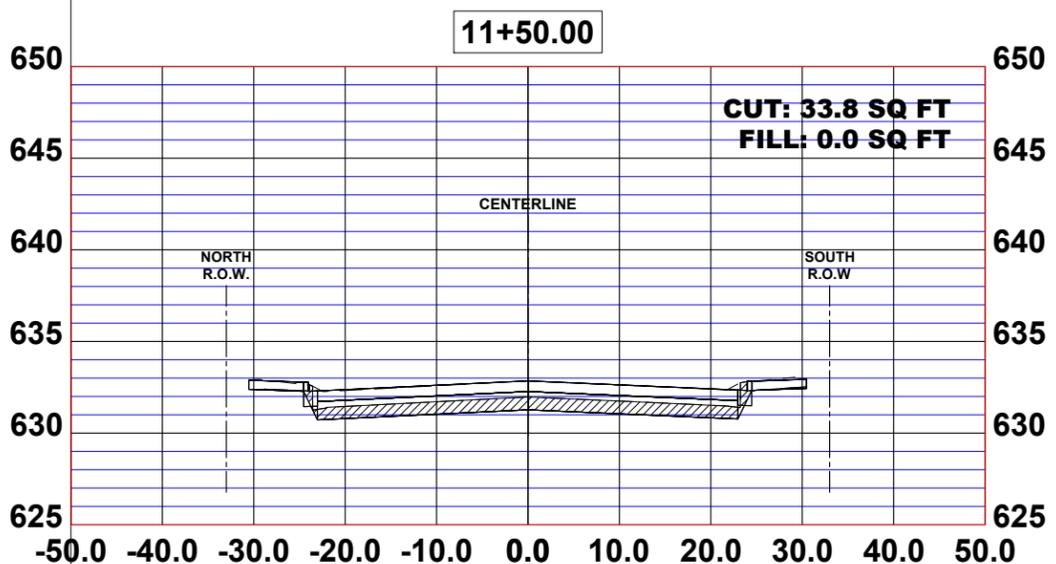
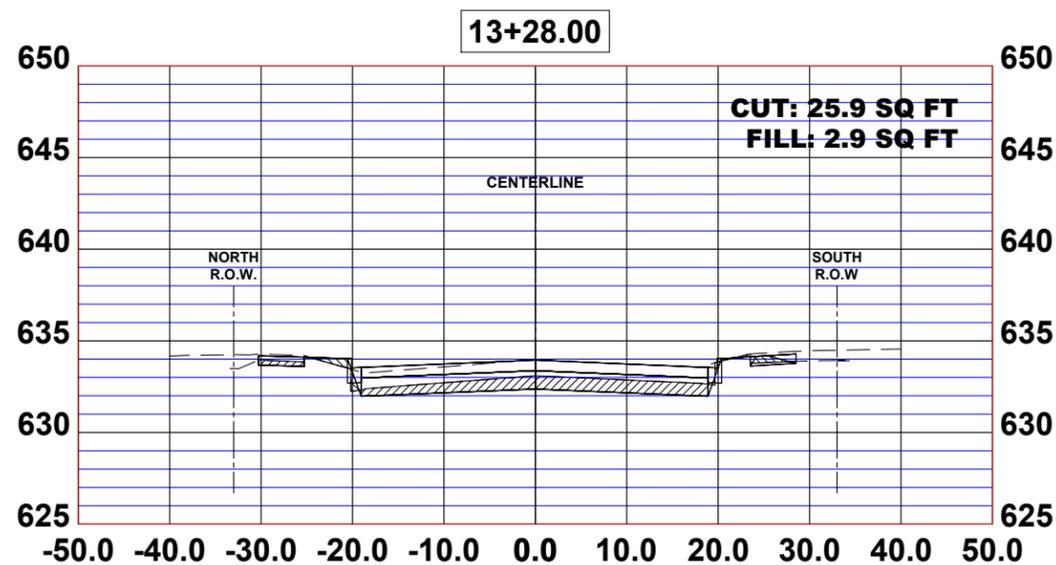
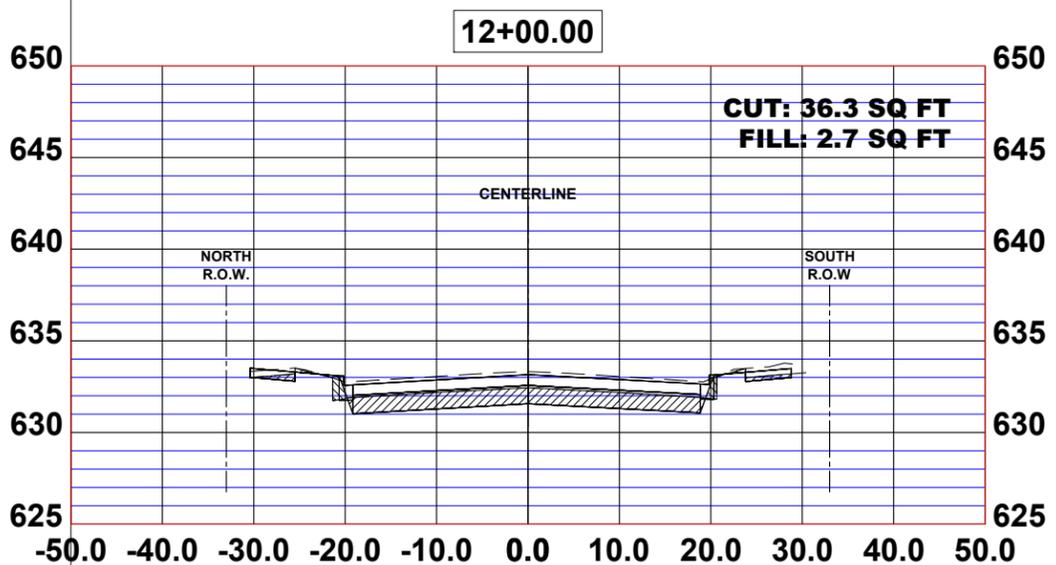
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 4 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	101
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101

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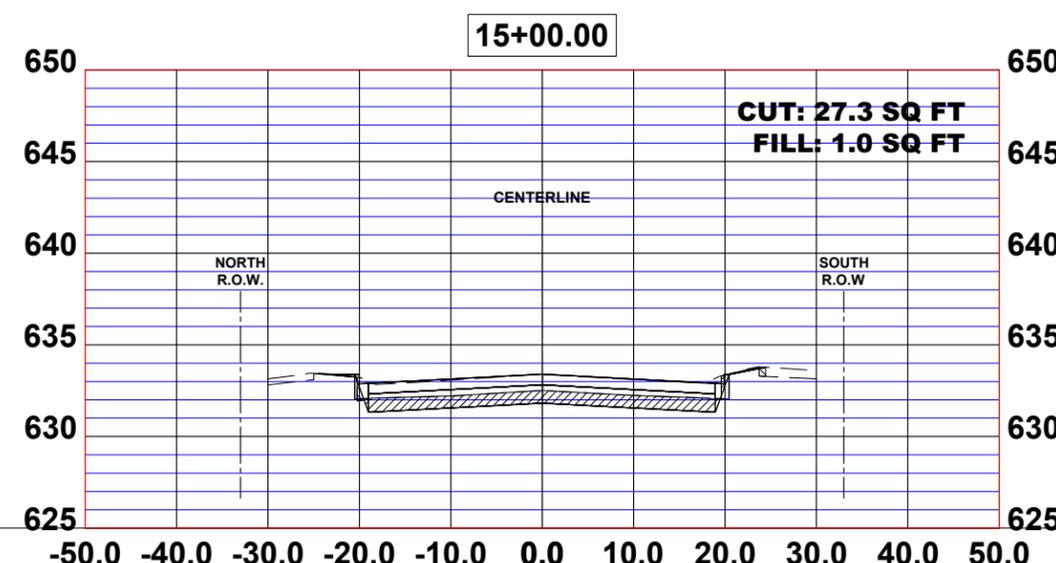
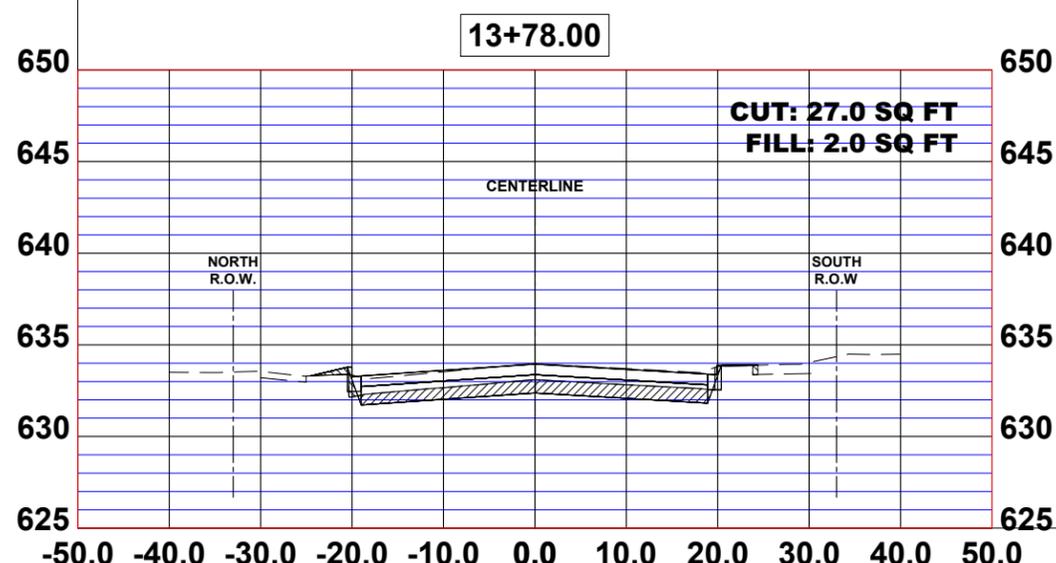
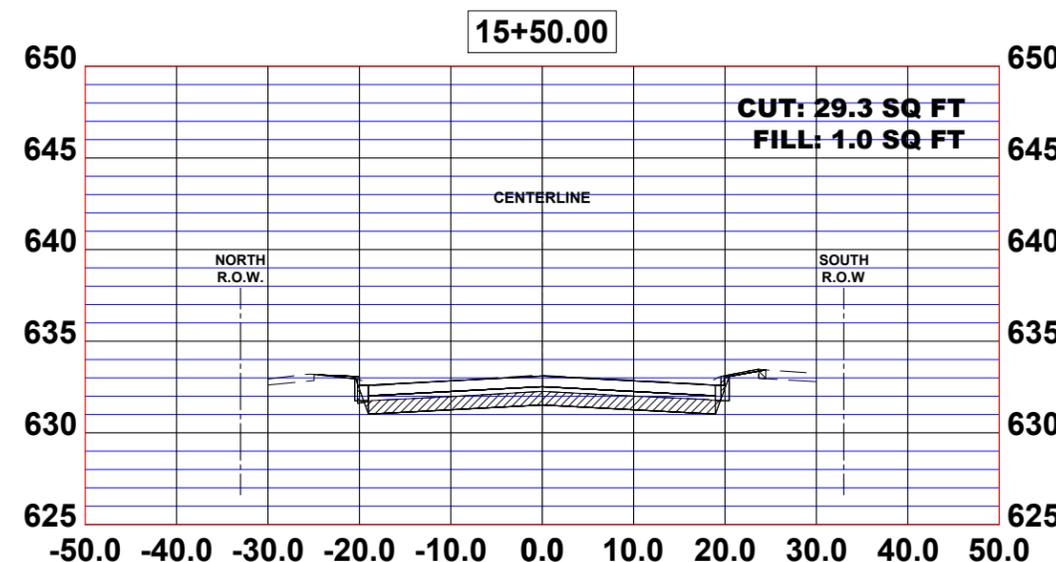
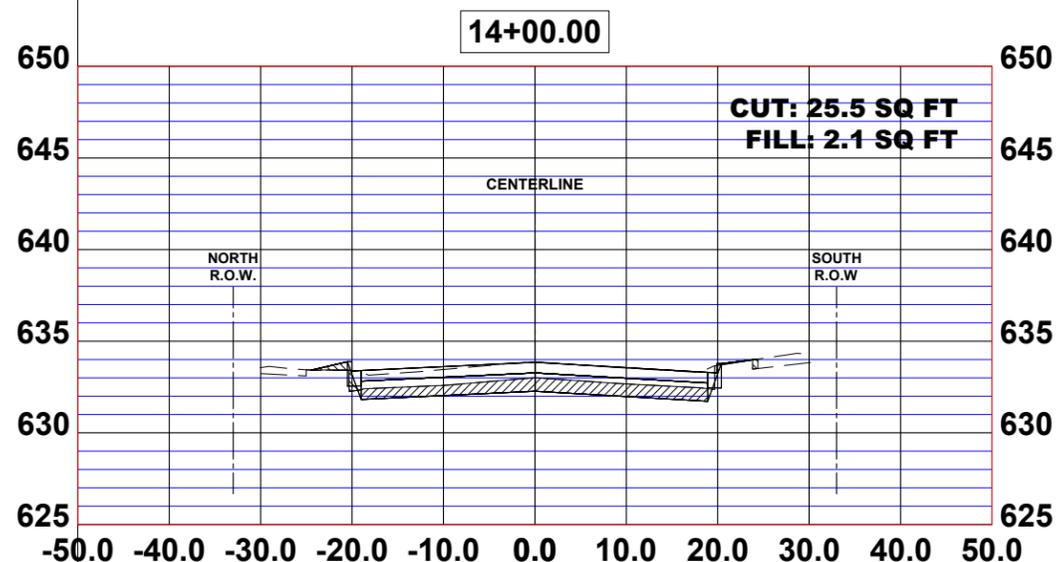
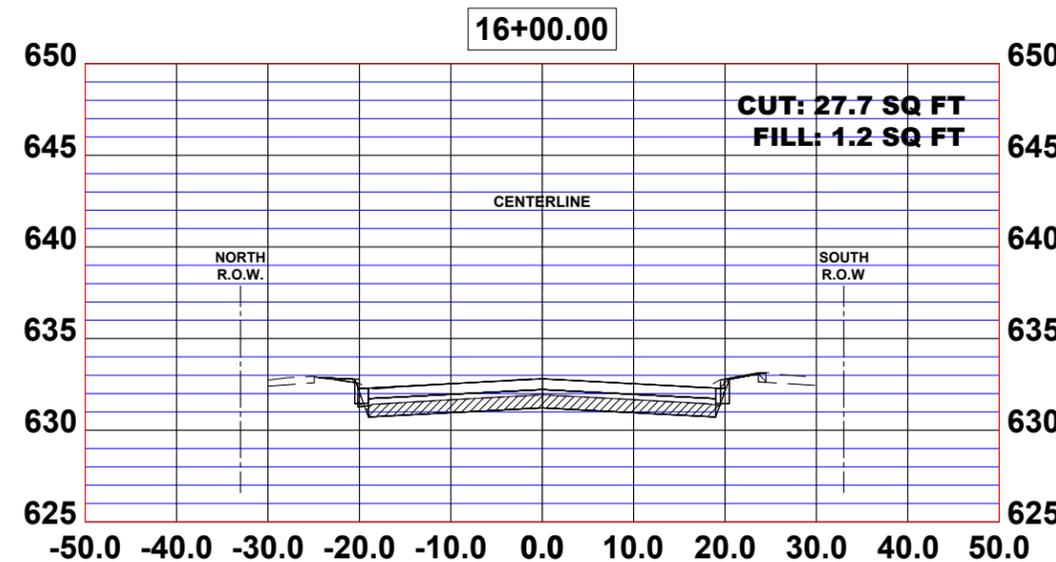
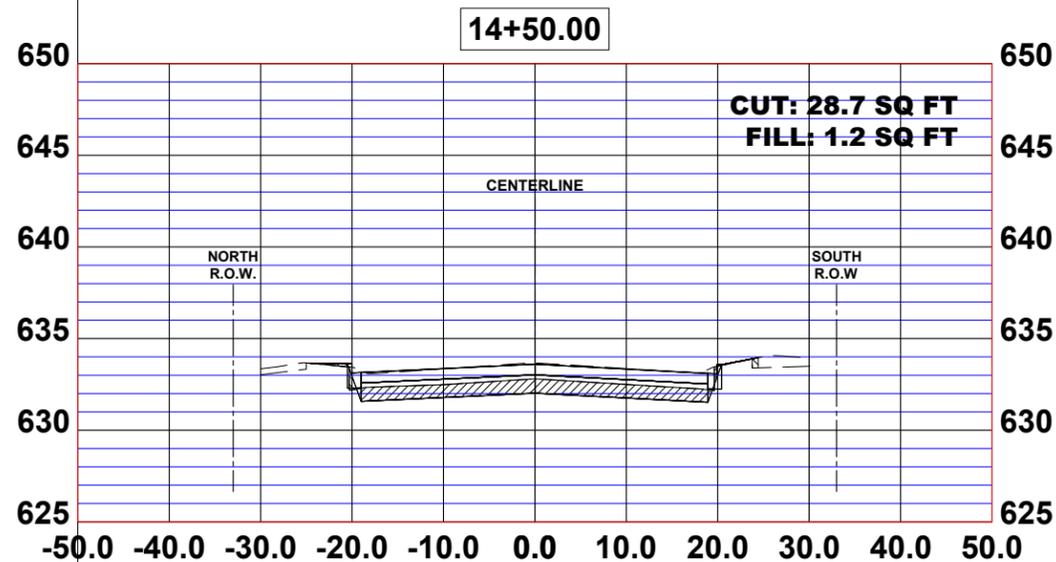
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STATION CROSS SECTIONS
 SCALE: H:1"=10', V:1"=5' SHEET NO. 5 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	102
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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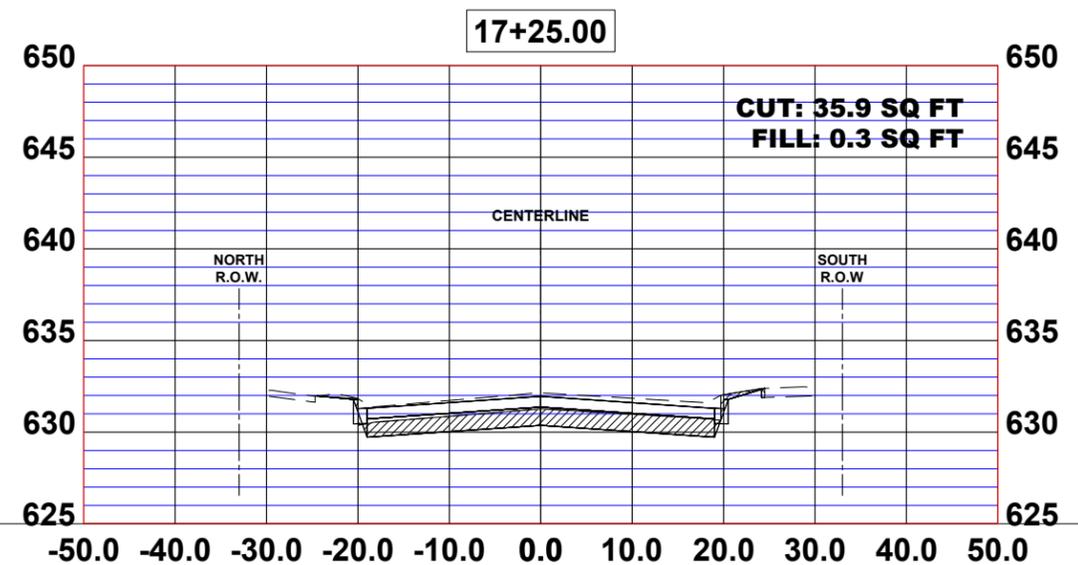
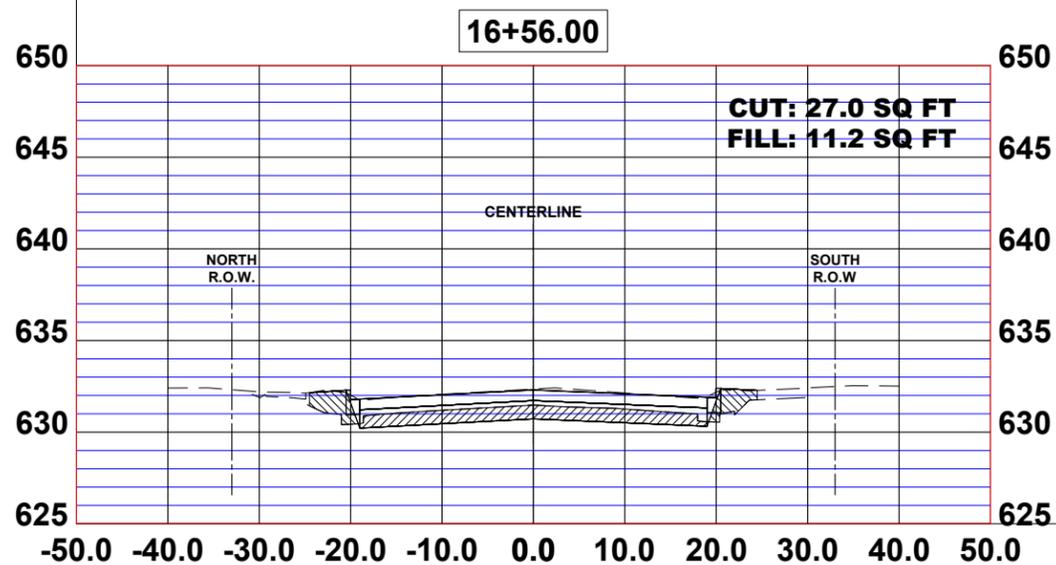
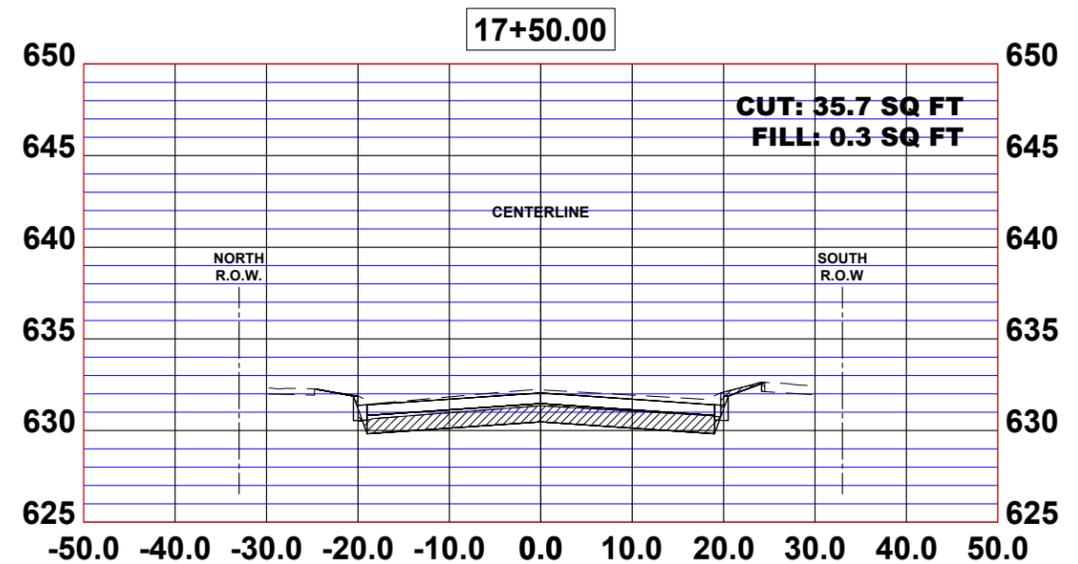
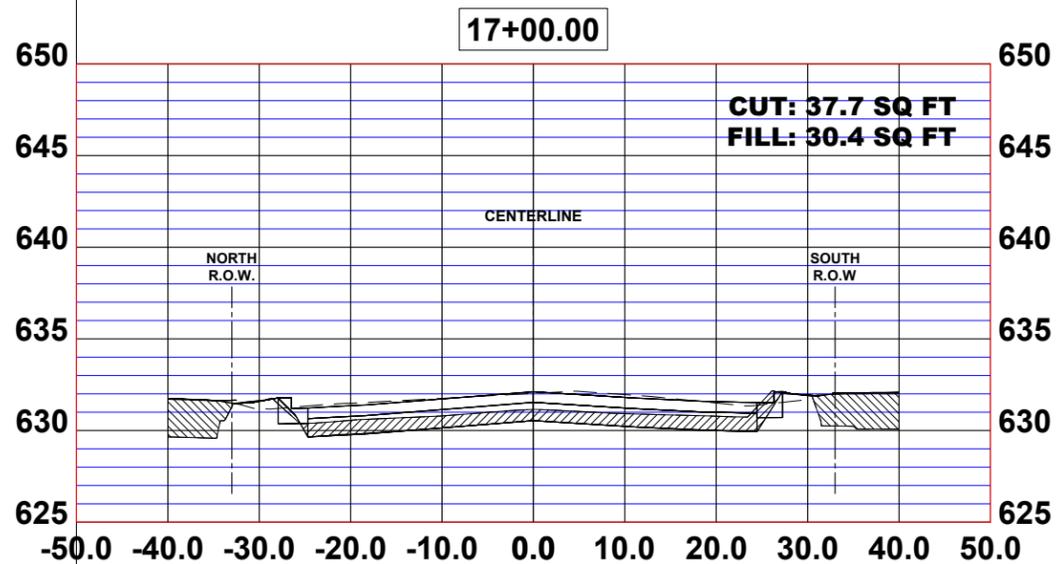
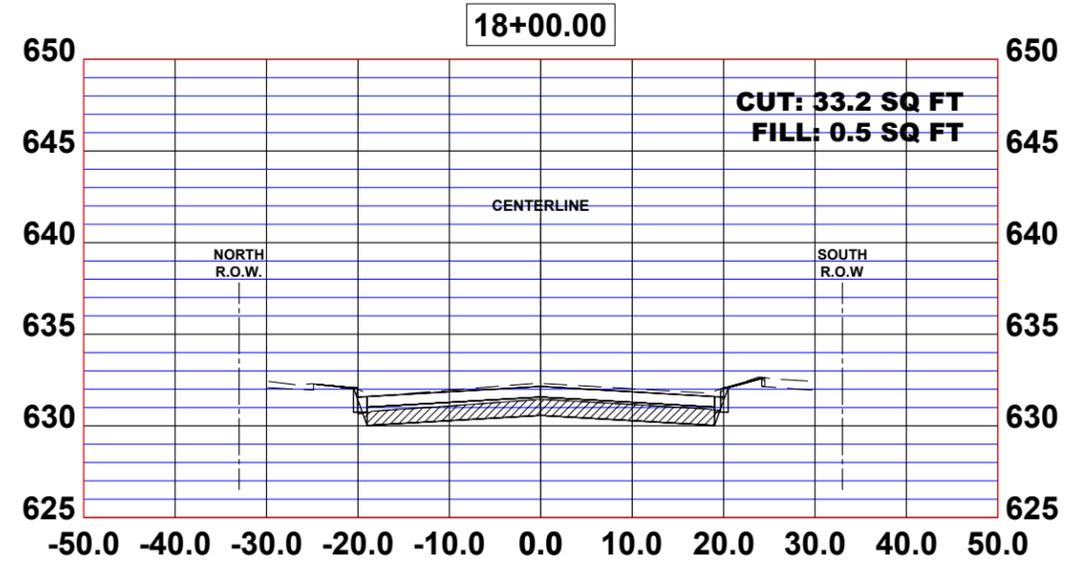
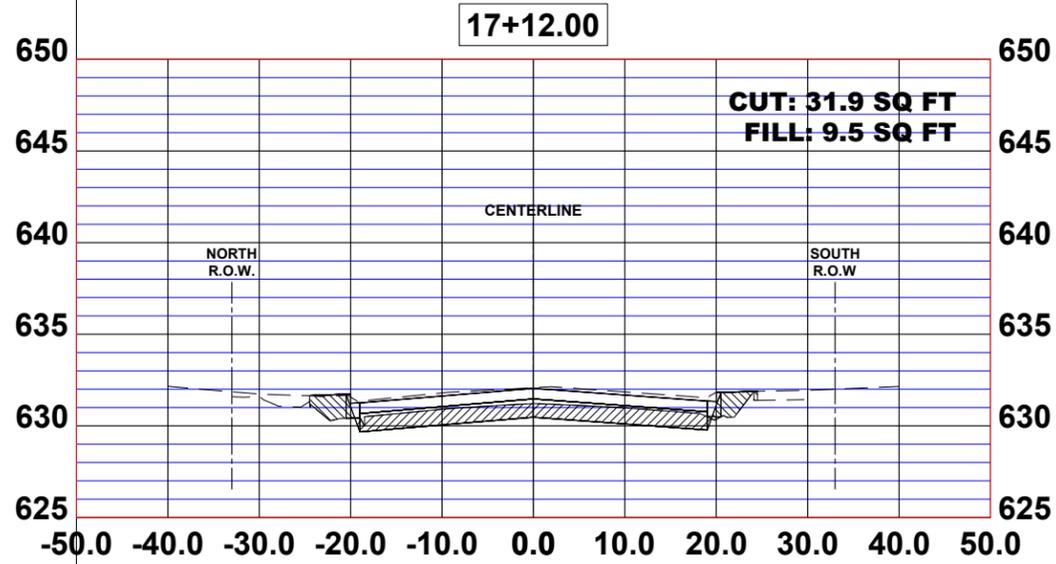
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DRAWN - SFB, DMM	REVISED -
CHECKED - WOP	REVISED -
DATE - 8-8-22	REVISED -

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STATION CROSS SECTIONS	
SCALE: H:1"=10', V:1"=5'	SHEET NO. 6 OF 19 SHEETS
STA.	TO STA.

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 103
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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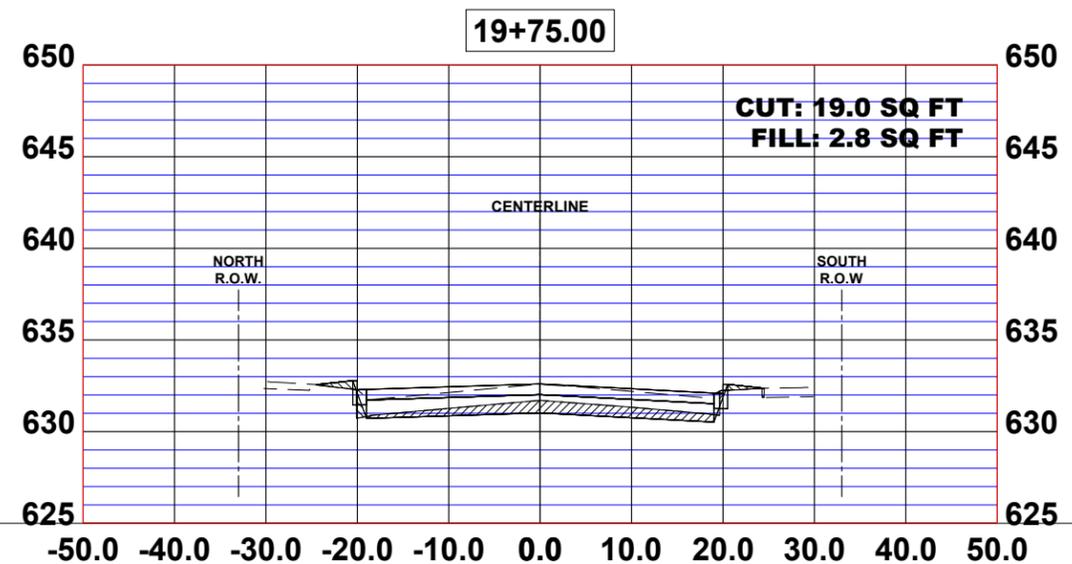
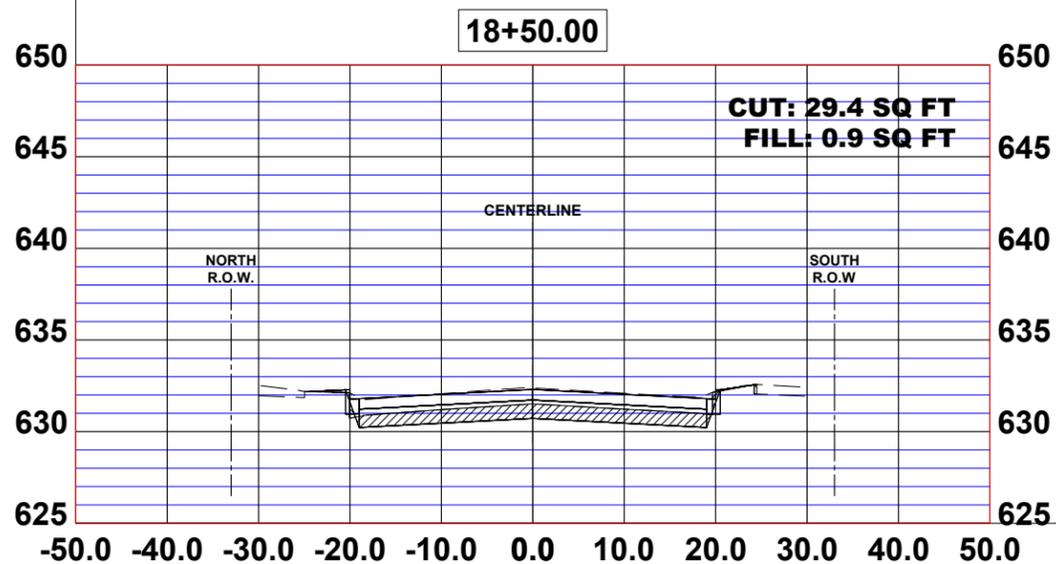
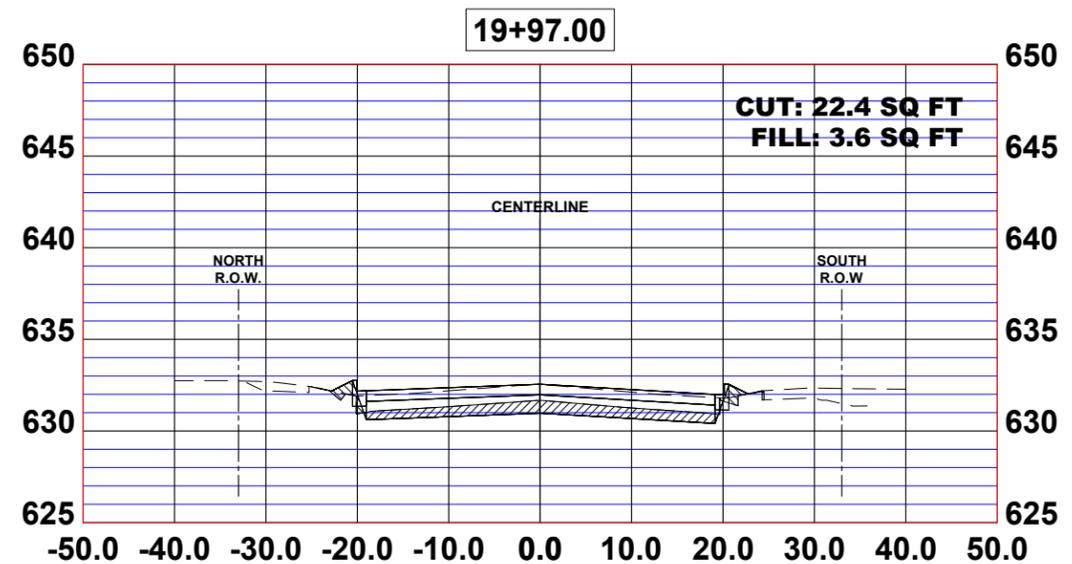
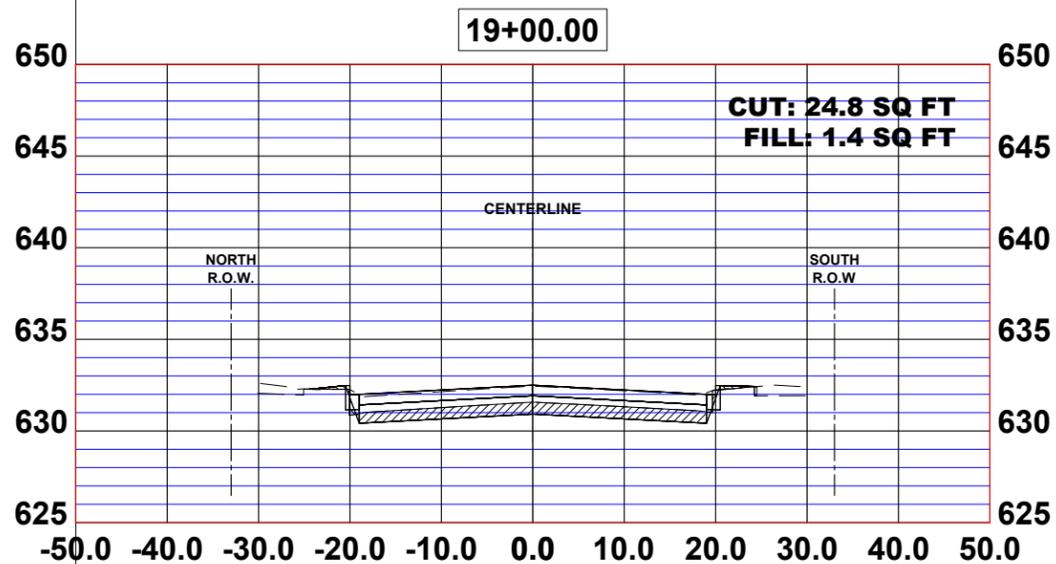
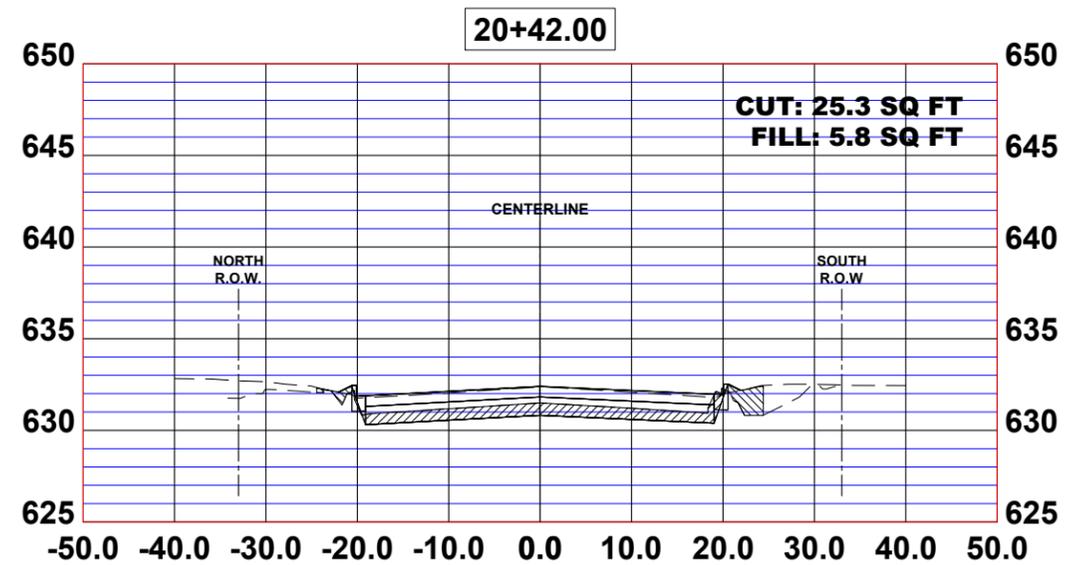
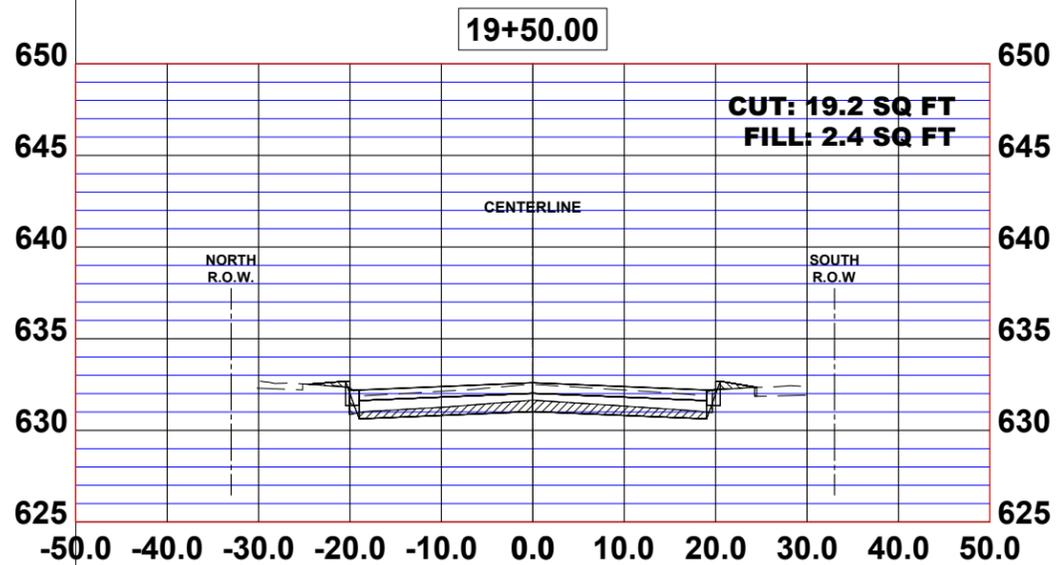
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 7 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	104
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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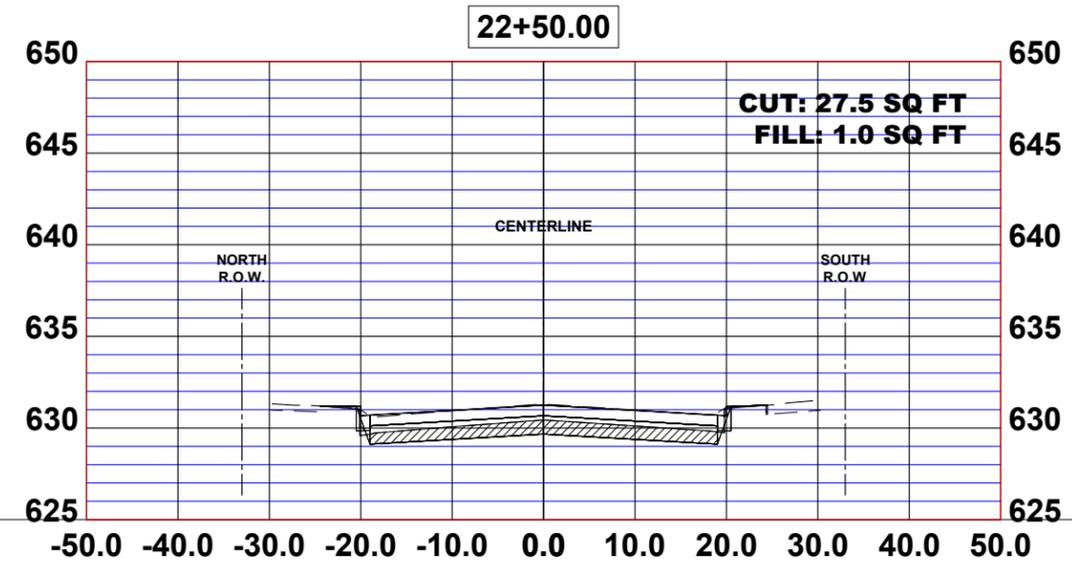
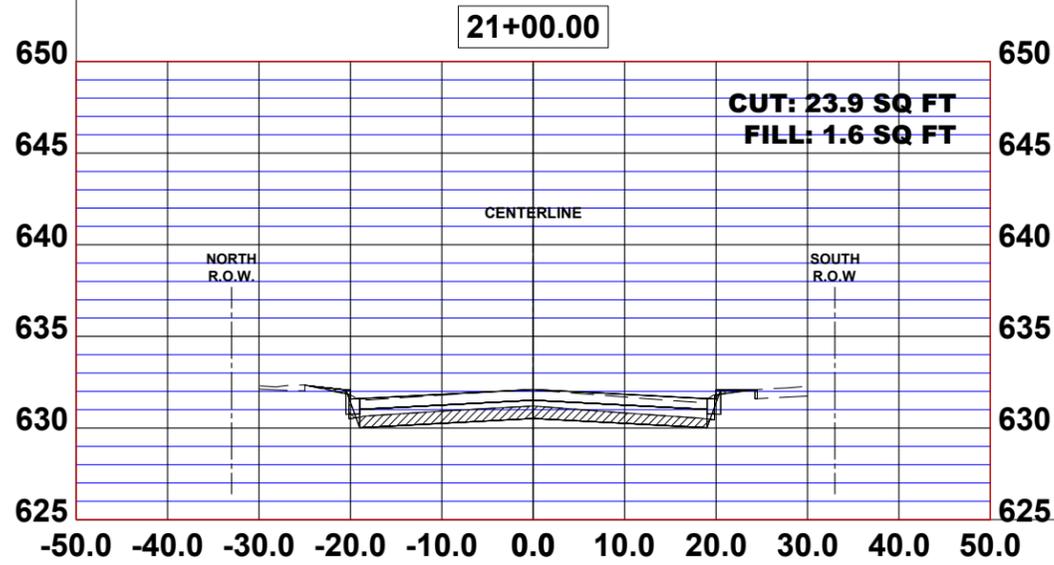
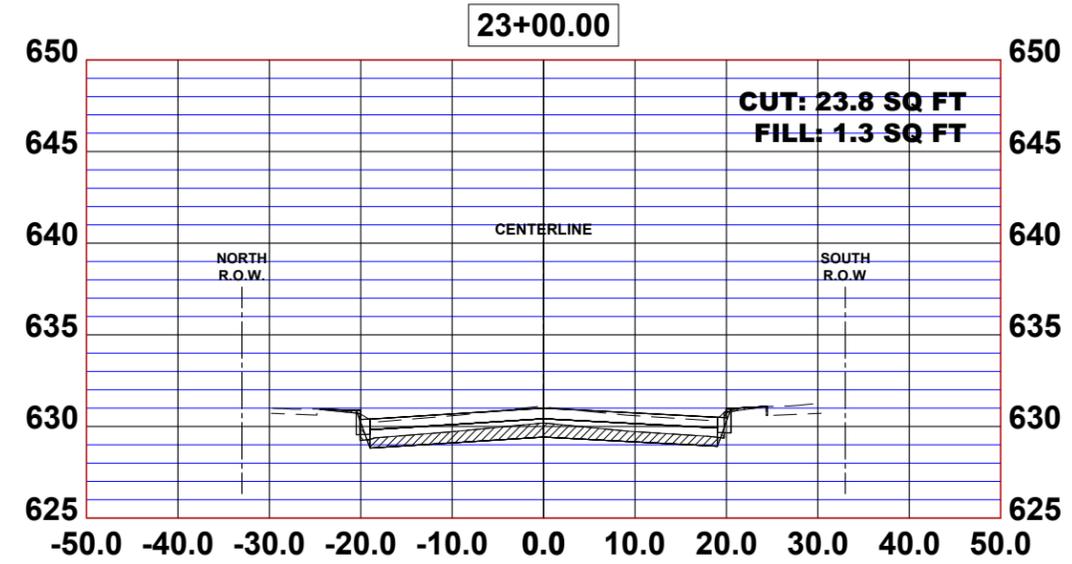
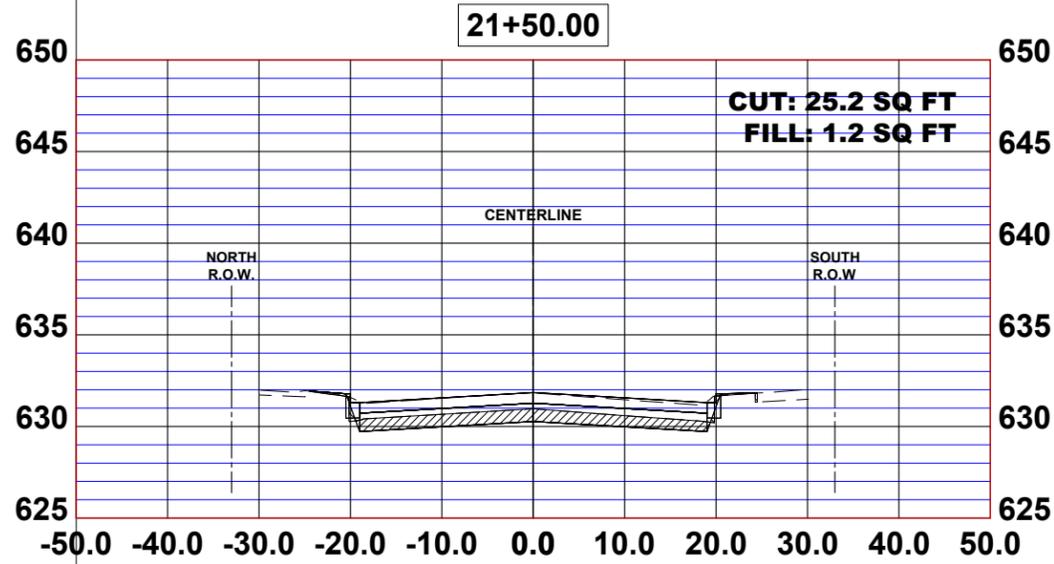
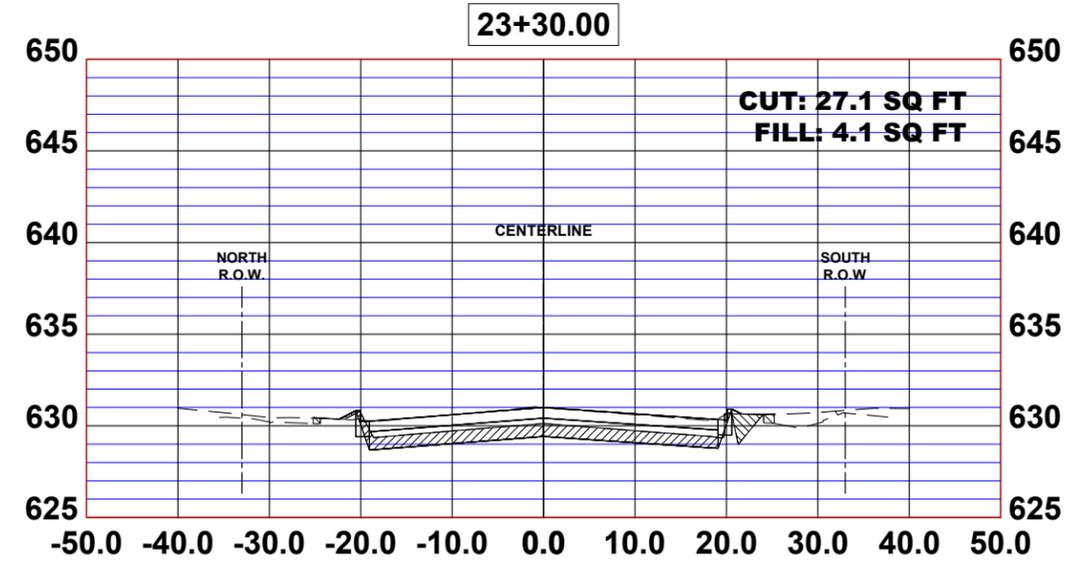
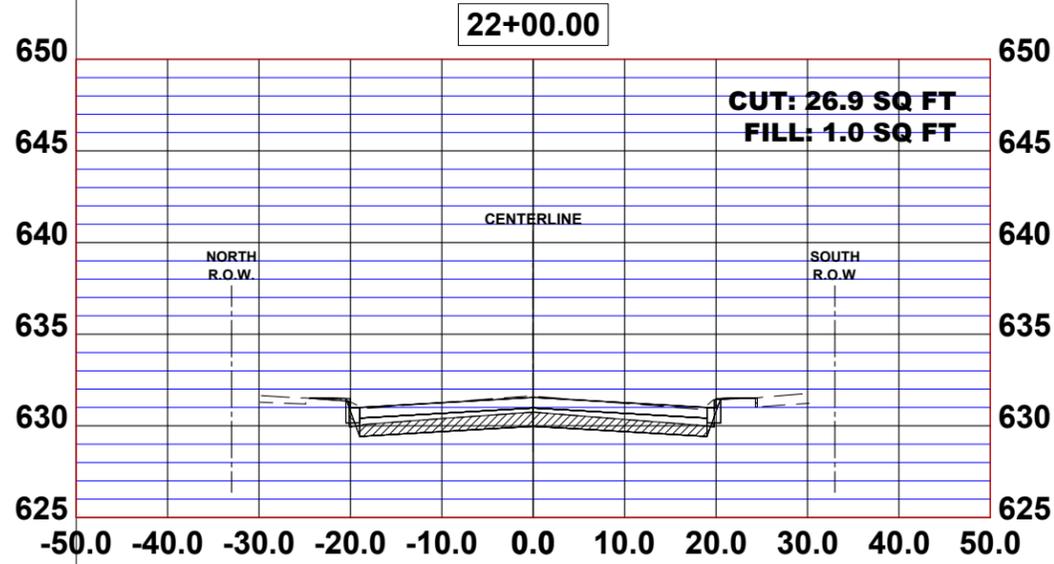
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 8 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	105
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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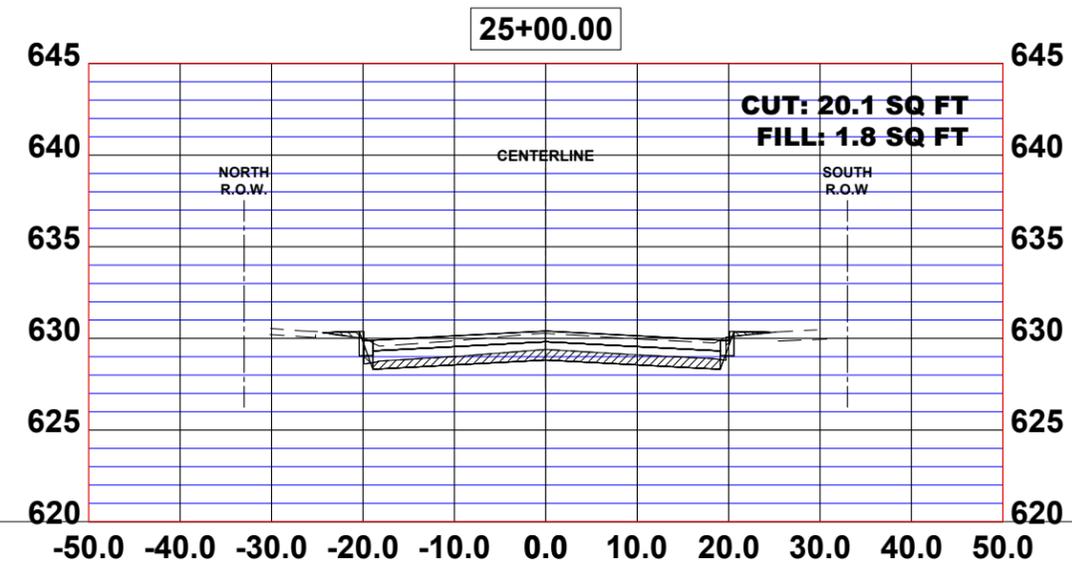
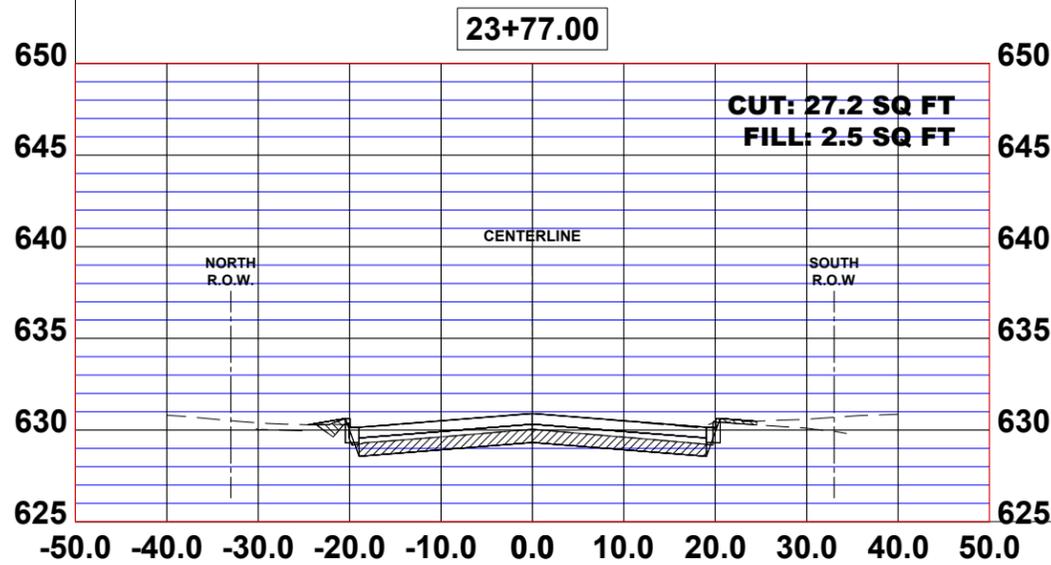
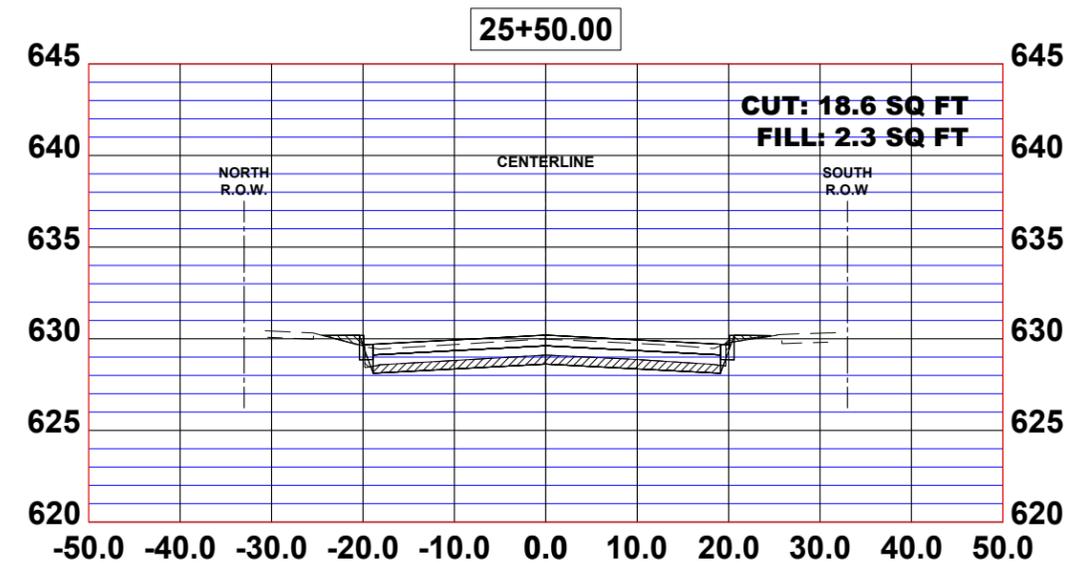
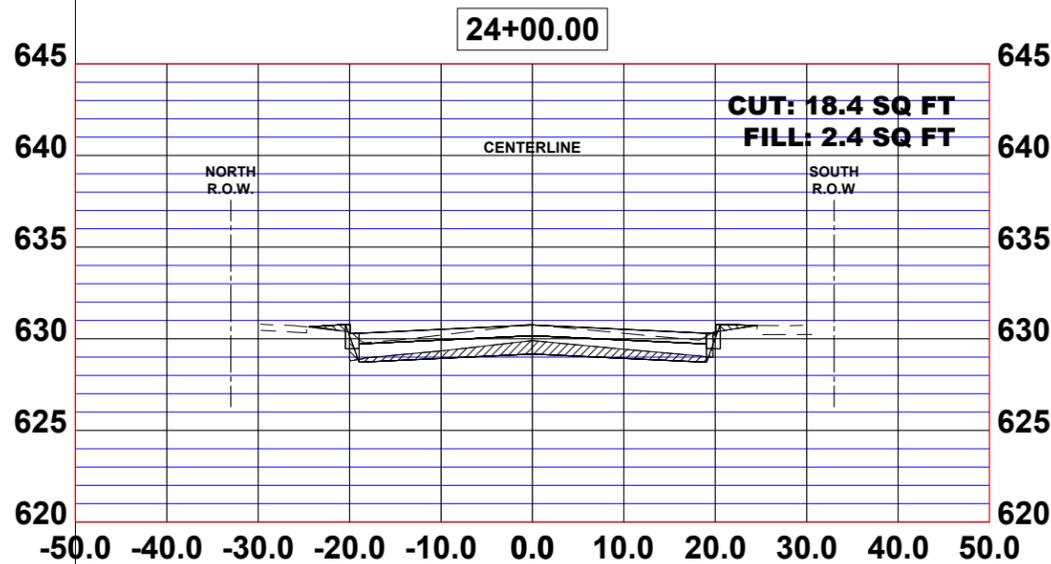
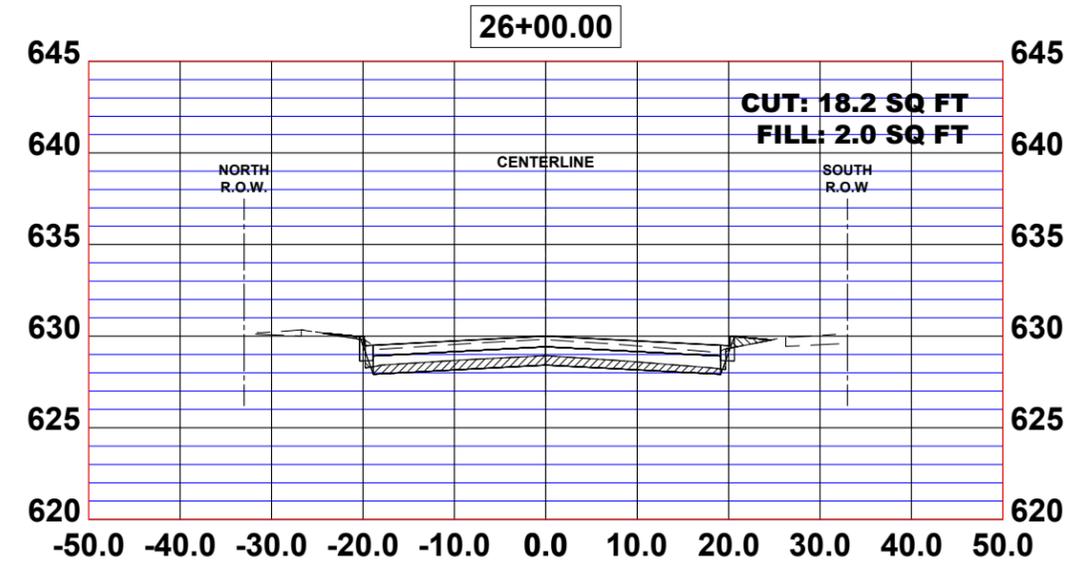
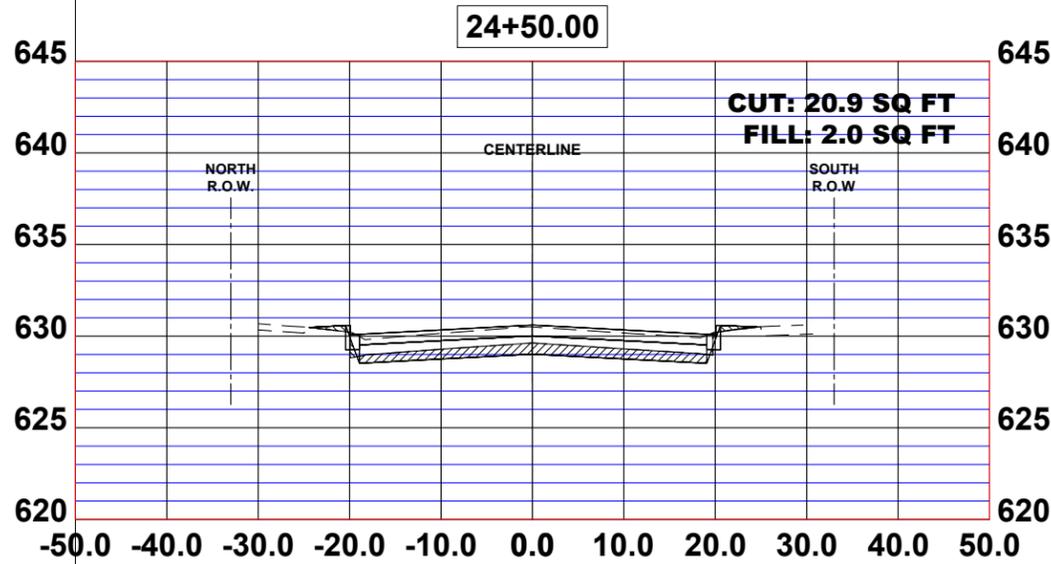
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 9 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	106
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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 REVISION NO. | DATE | DESCRIPTION

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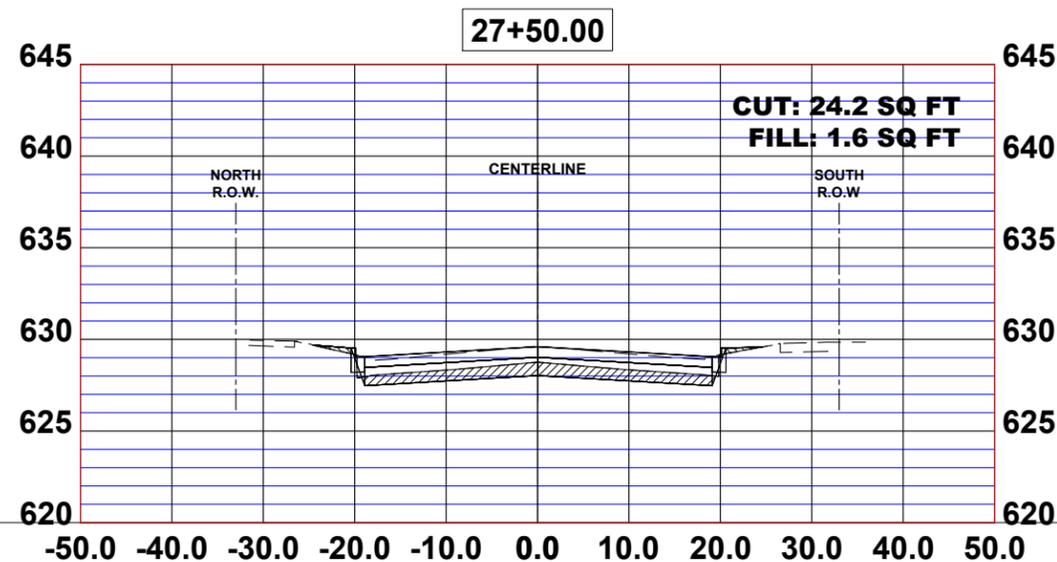
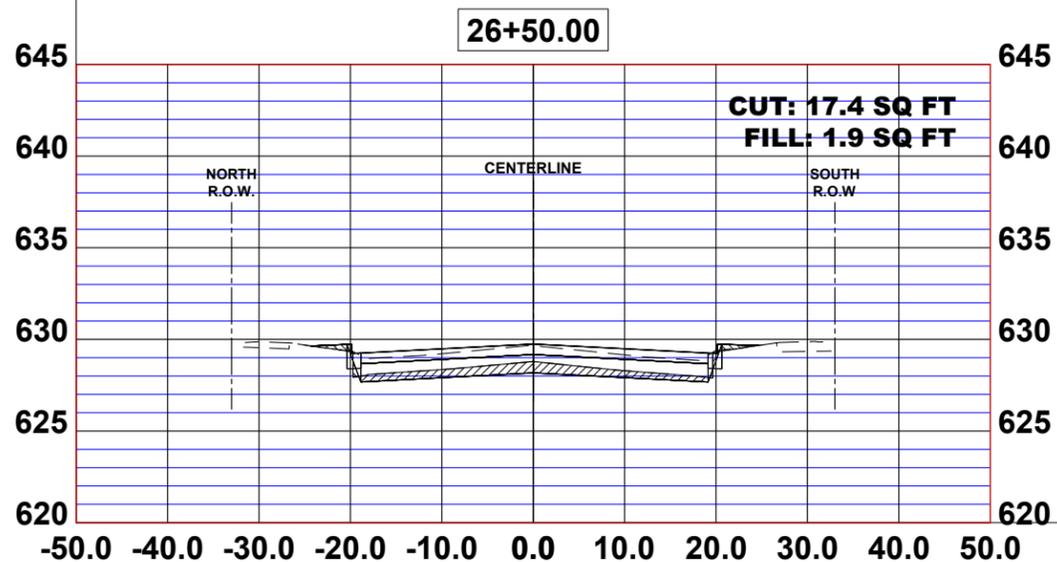
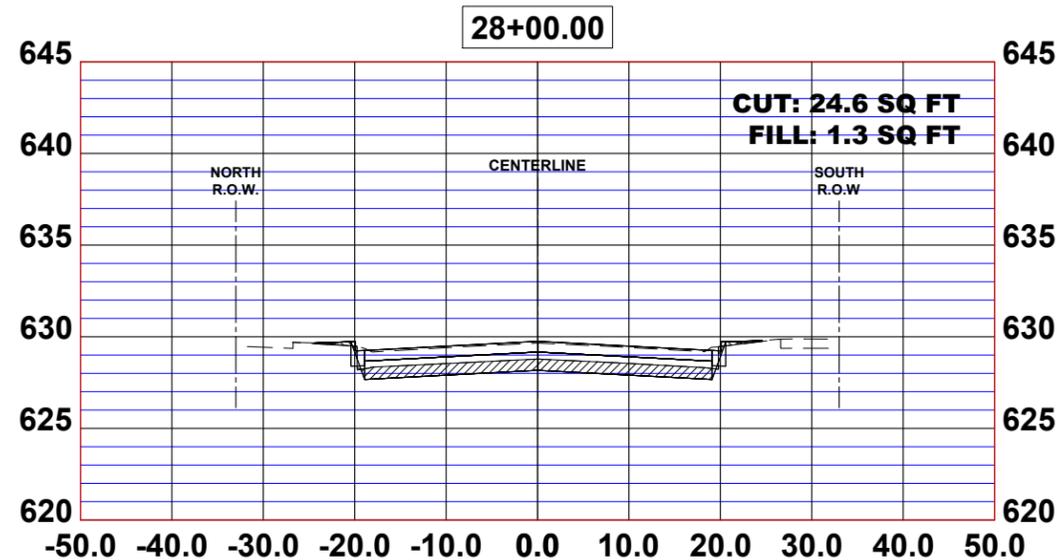
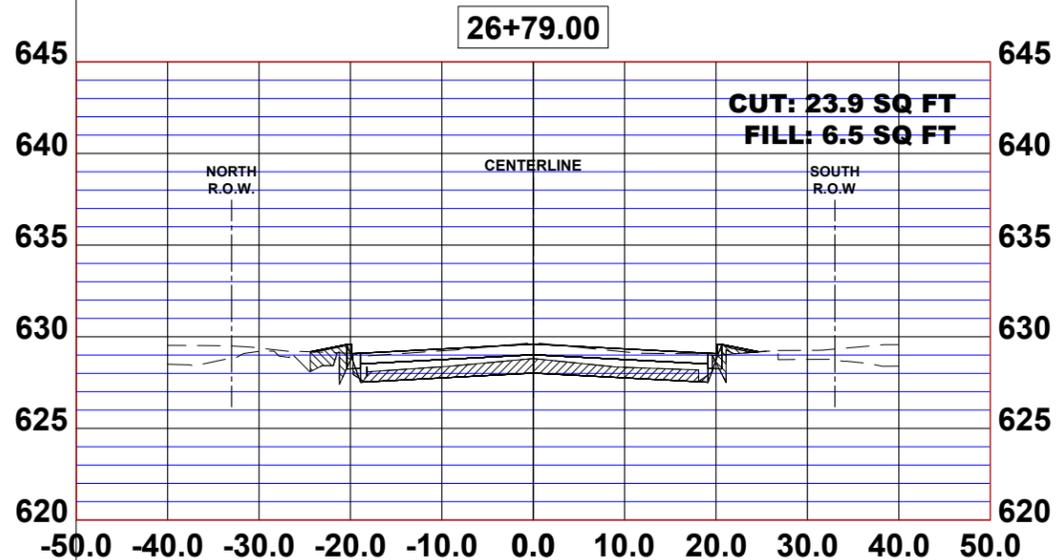
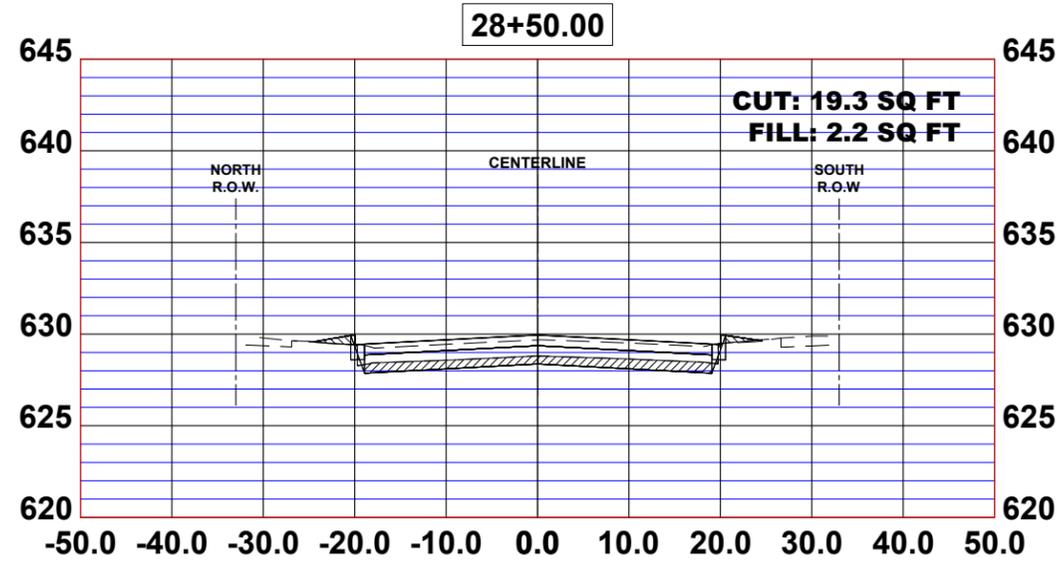
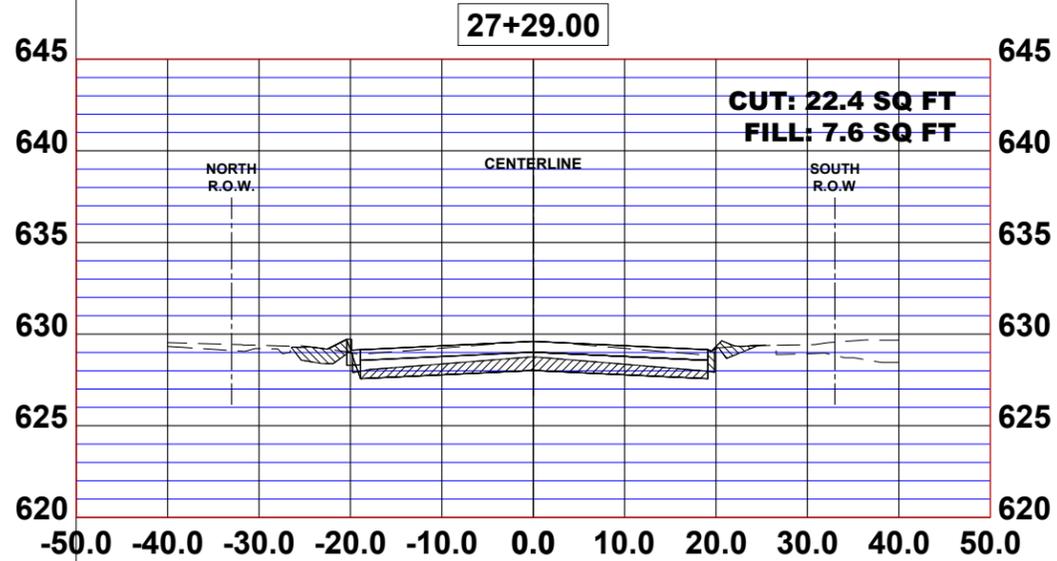
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' | SHEET NO. 10 OF 19 SHEETS | STA. TO STA.

MUN. RTE. 1411	SECTION 18-00139-00-PV	COUNTY COOK	TOTAL SHEETS 116	SHEET NO. 107
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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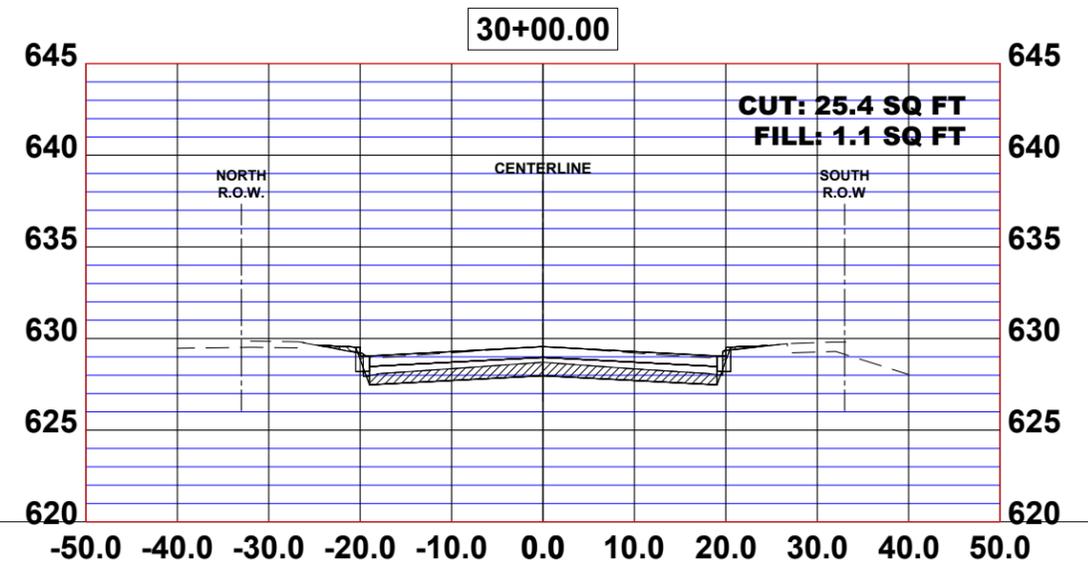
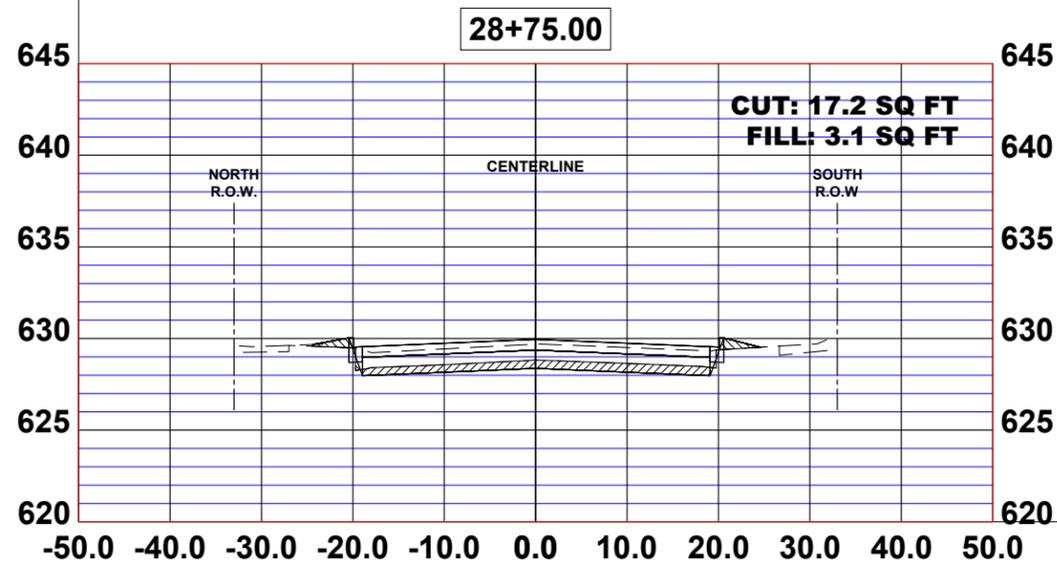
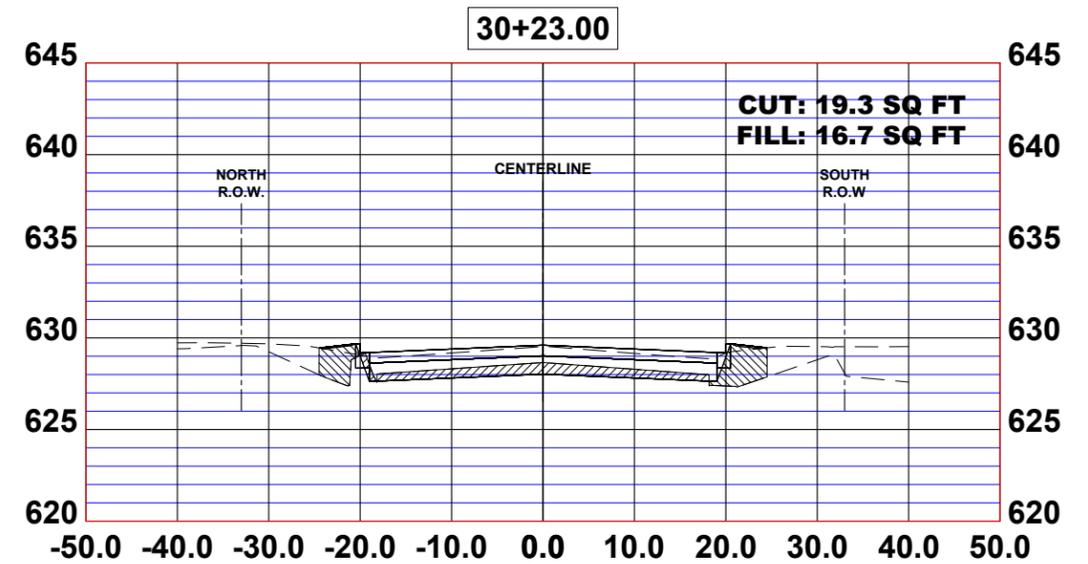
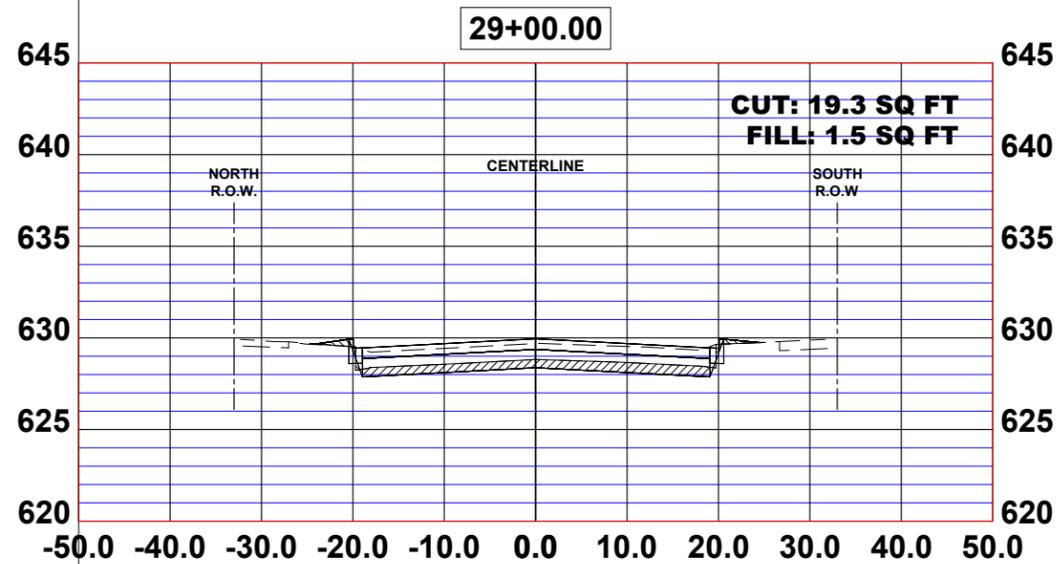
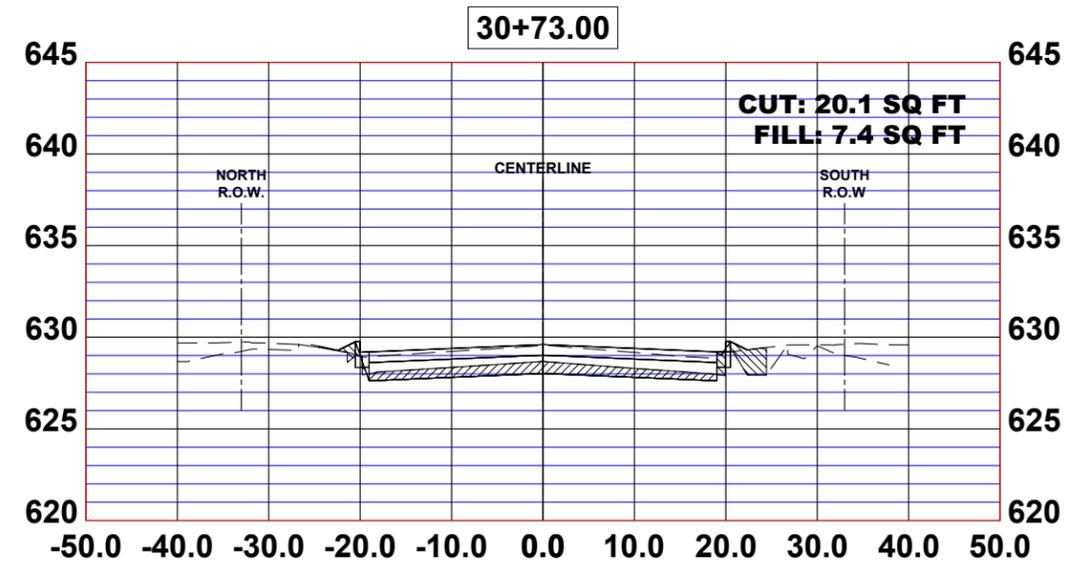
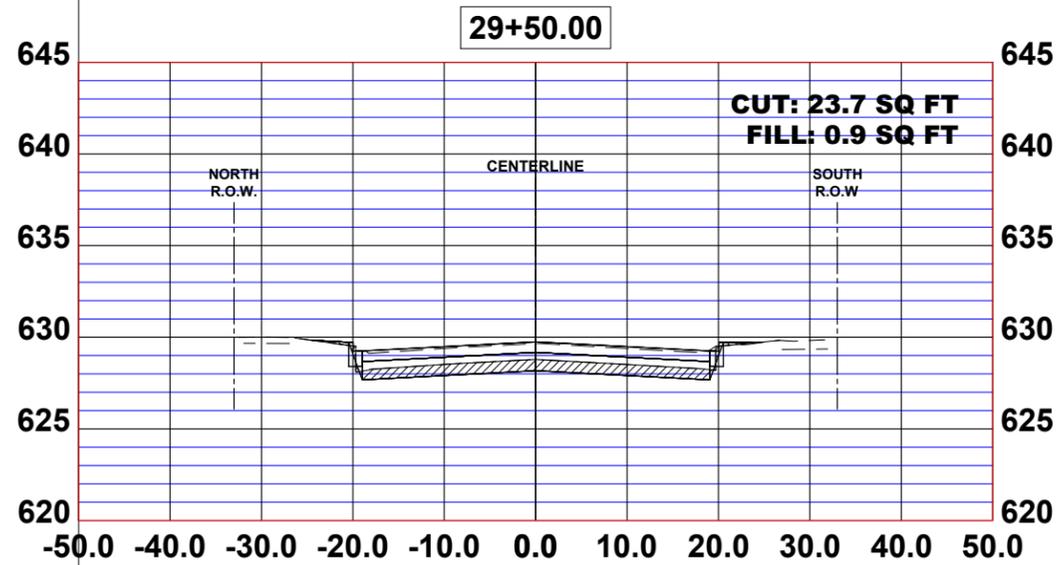
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 11 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	108
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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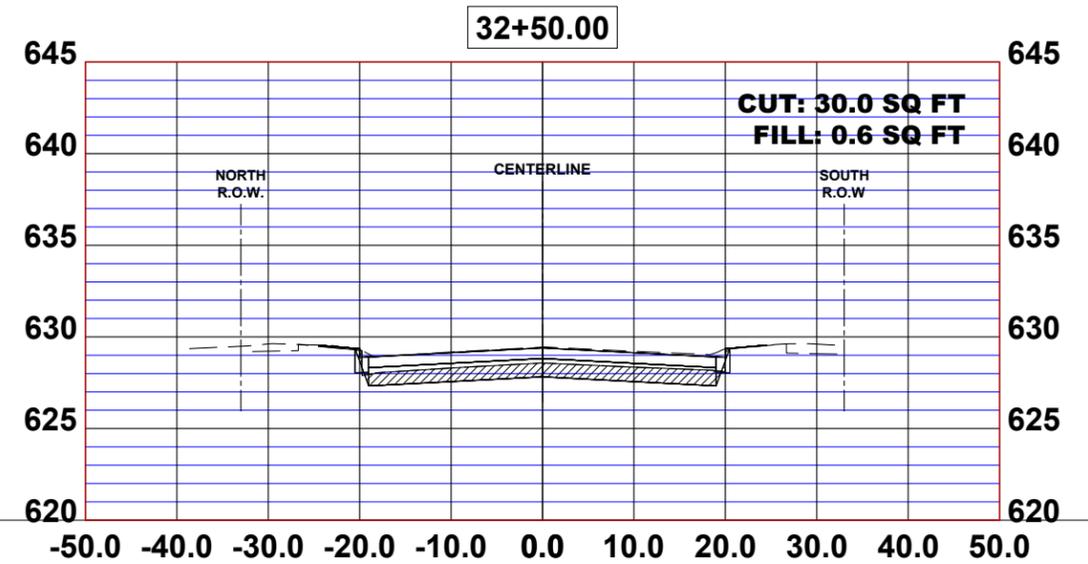
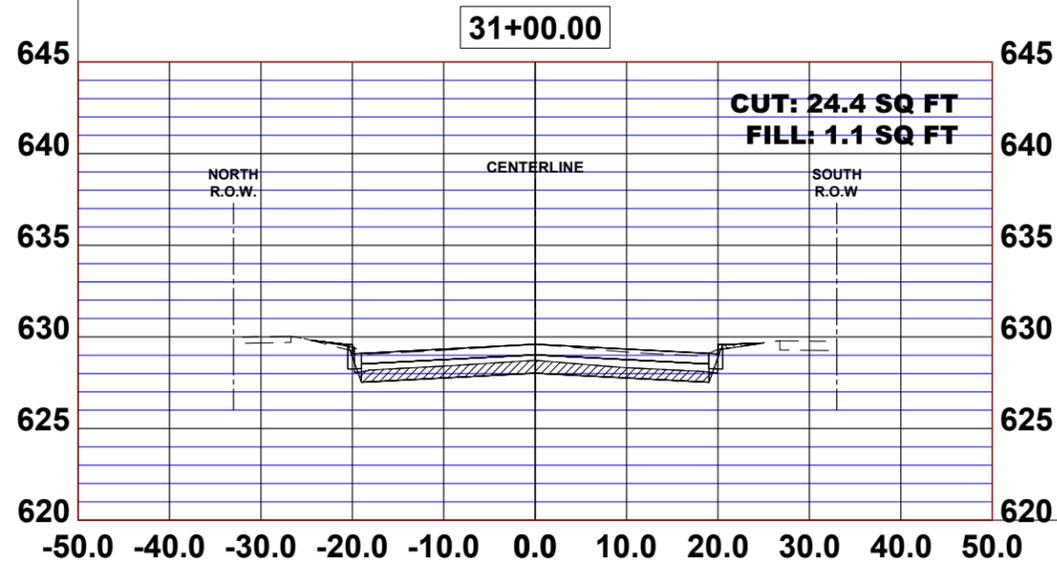
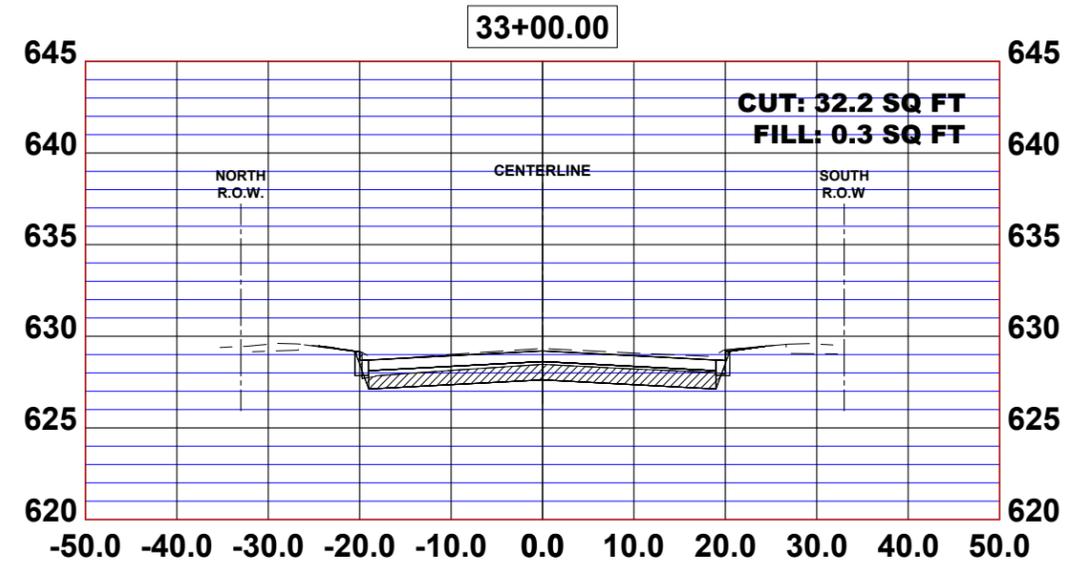
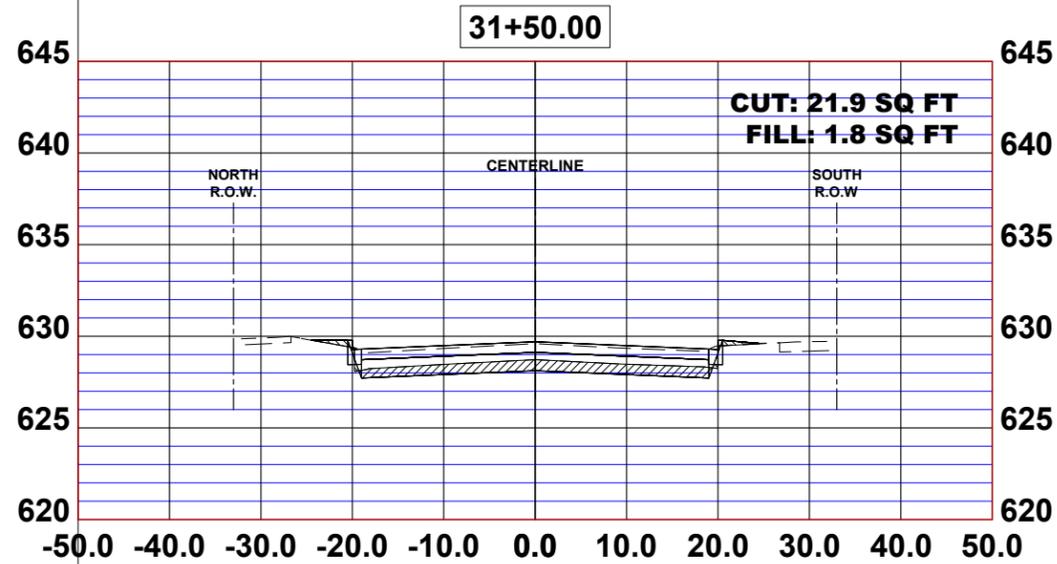
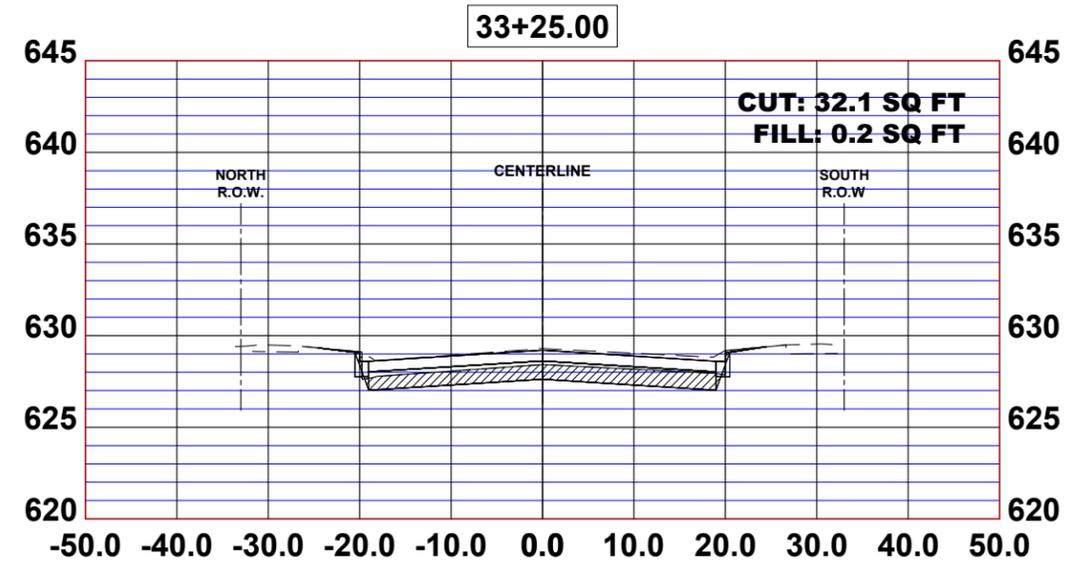
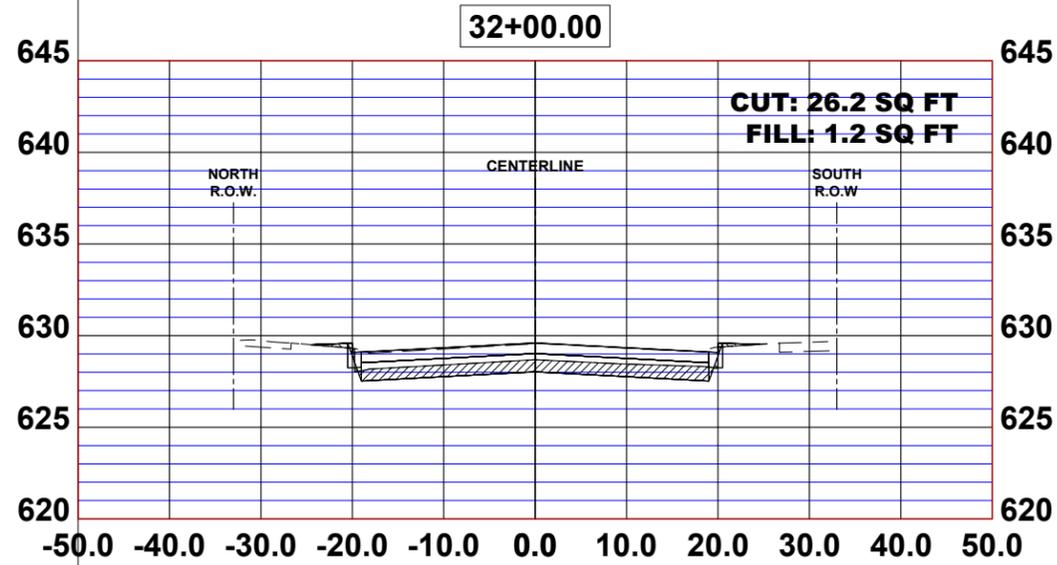
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STATION CROSS SECTIONS
 SCALE: H:1"=10', V:1"=5' SHEET NO. 12 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	109
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DEPARTMENT OF TRANSPORTATION**

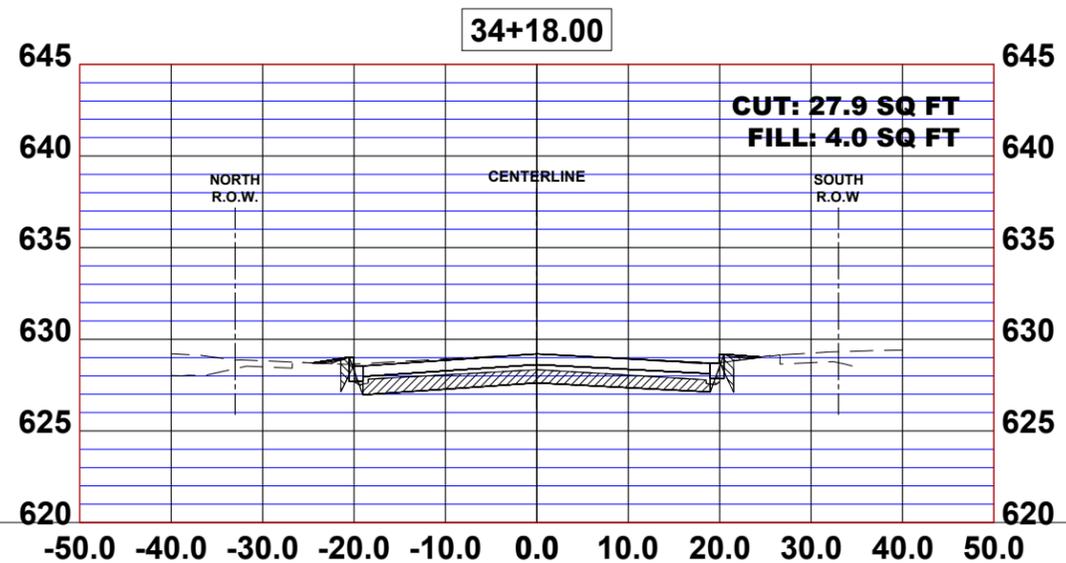
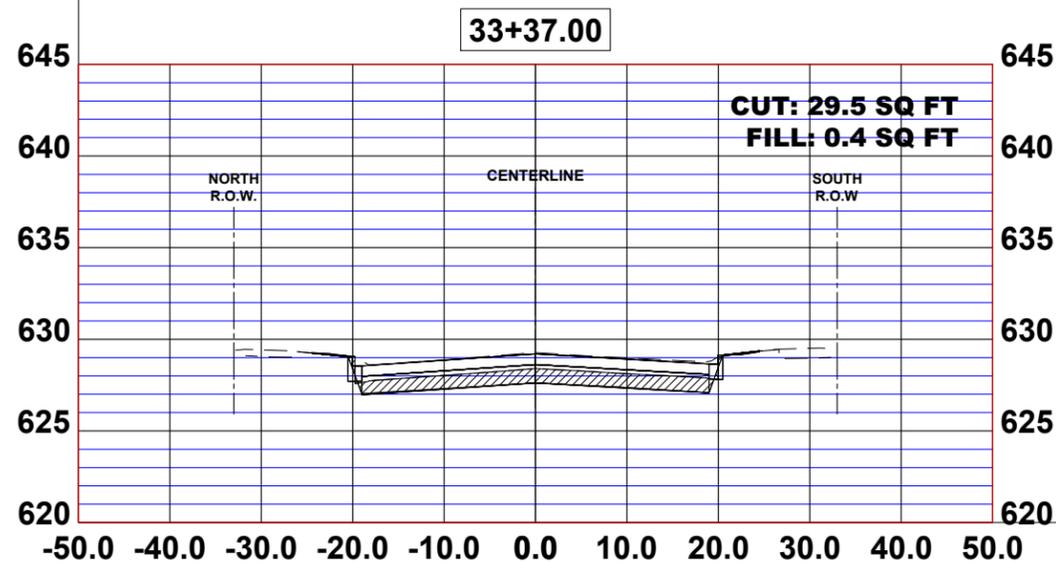
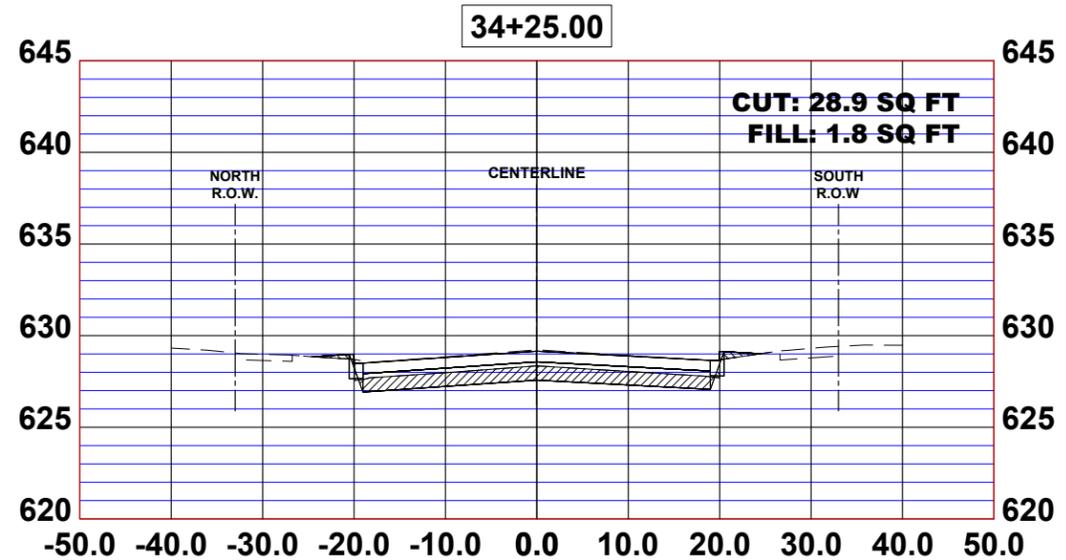
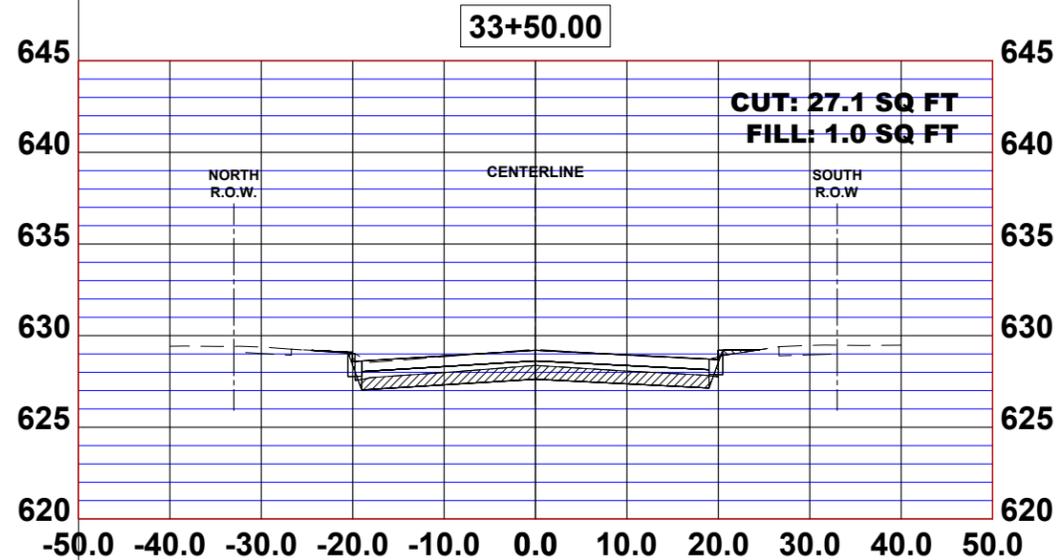
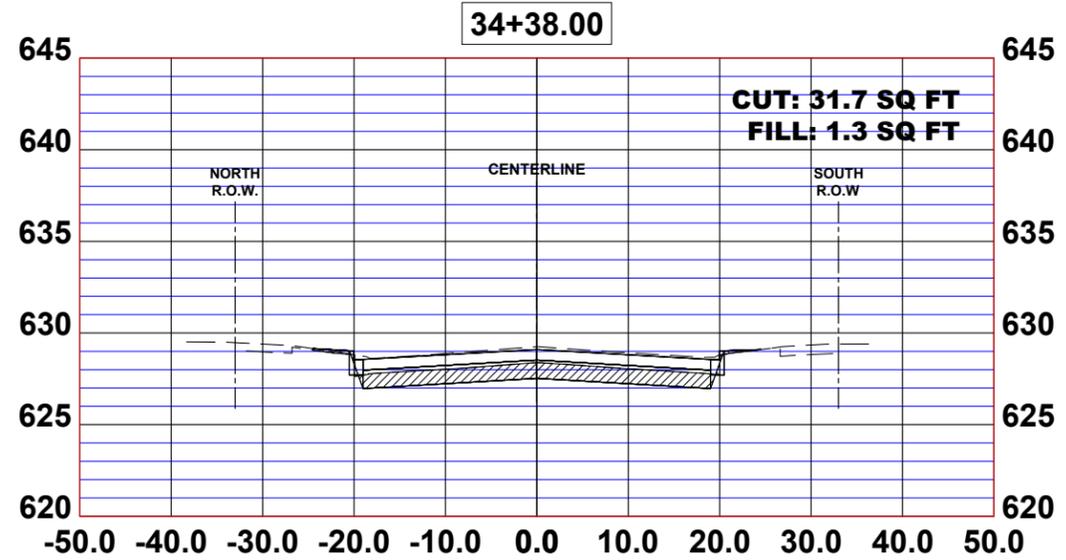
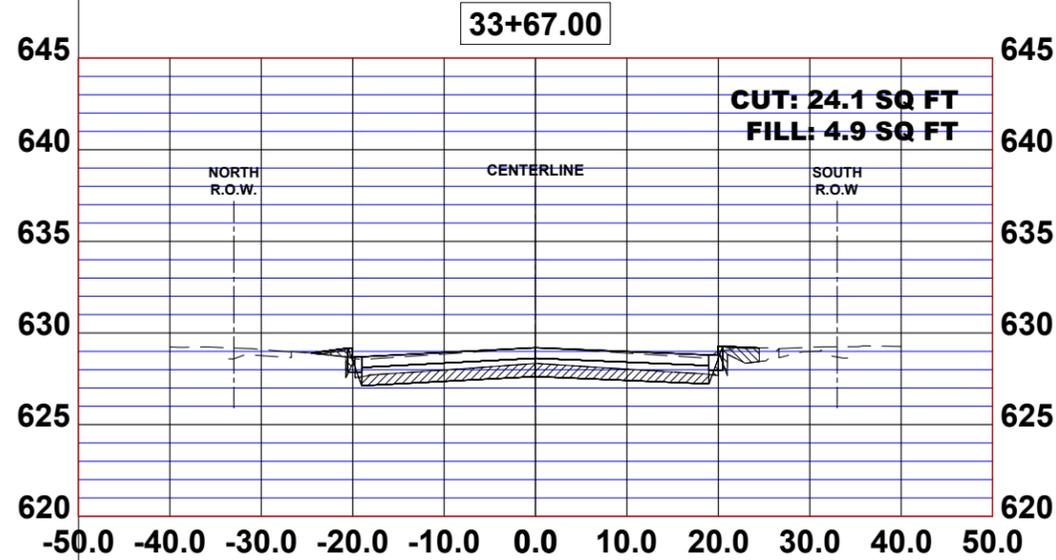
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 13 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	110
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101

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 CHECKED - WOP
 DATE - 8-8-22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

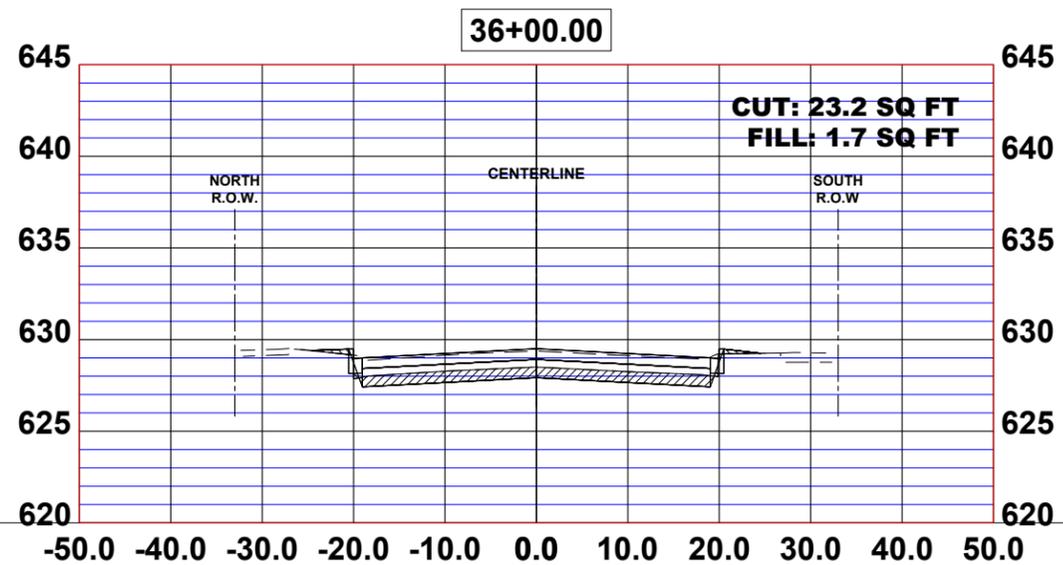
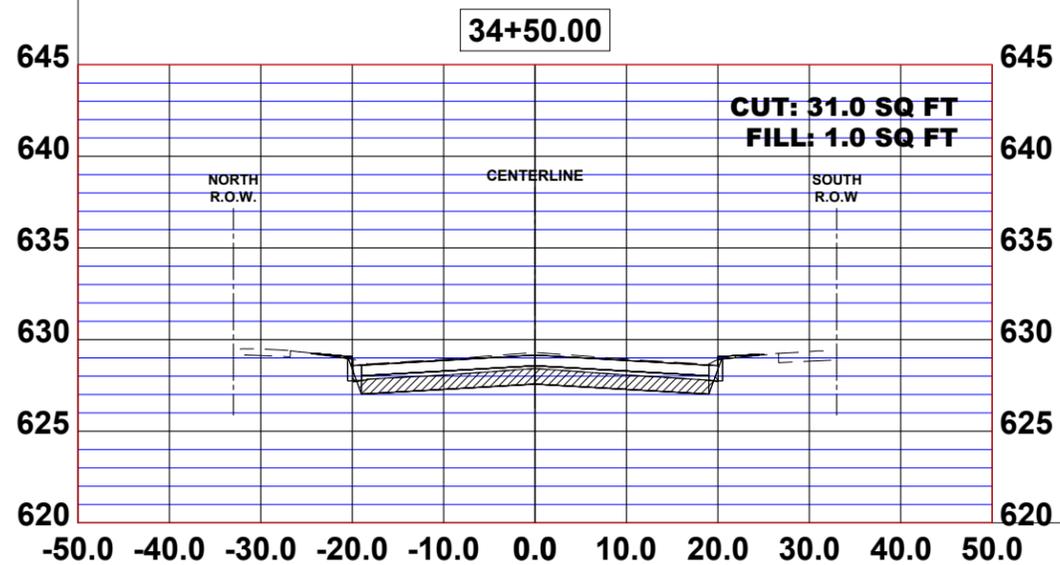
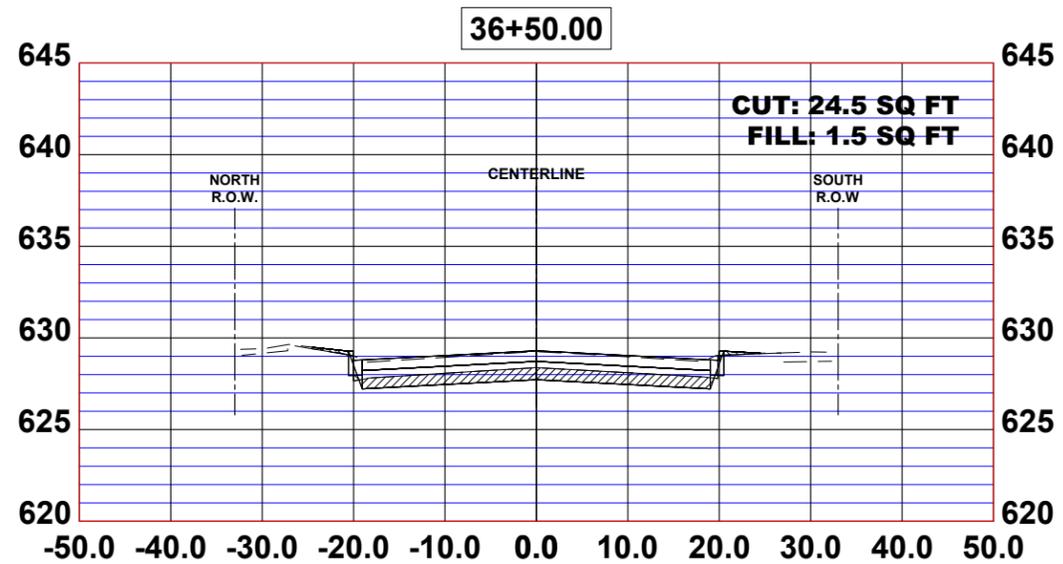
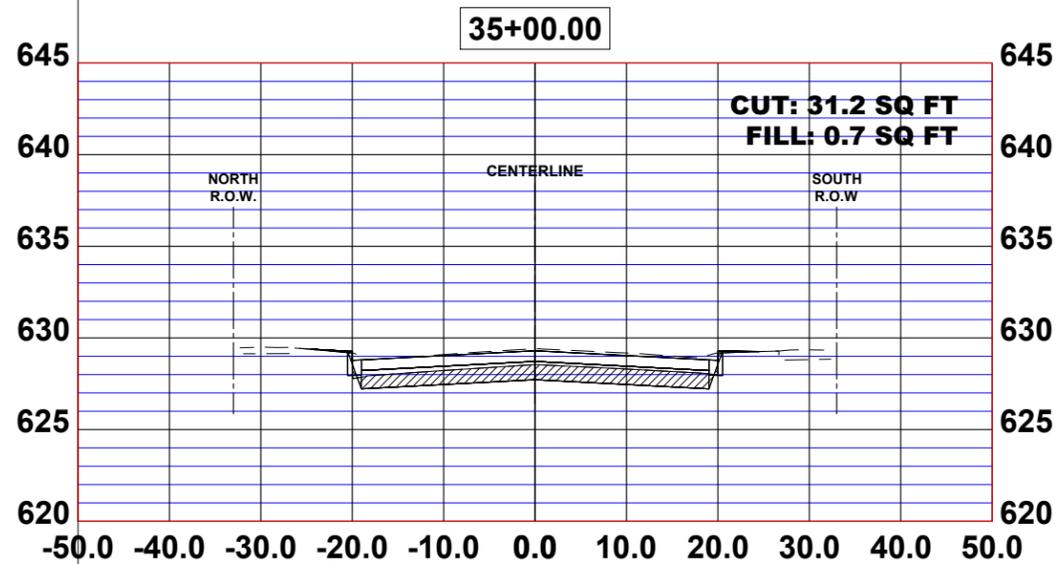
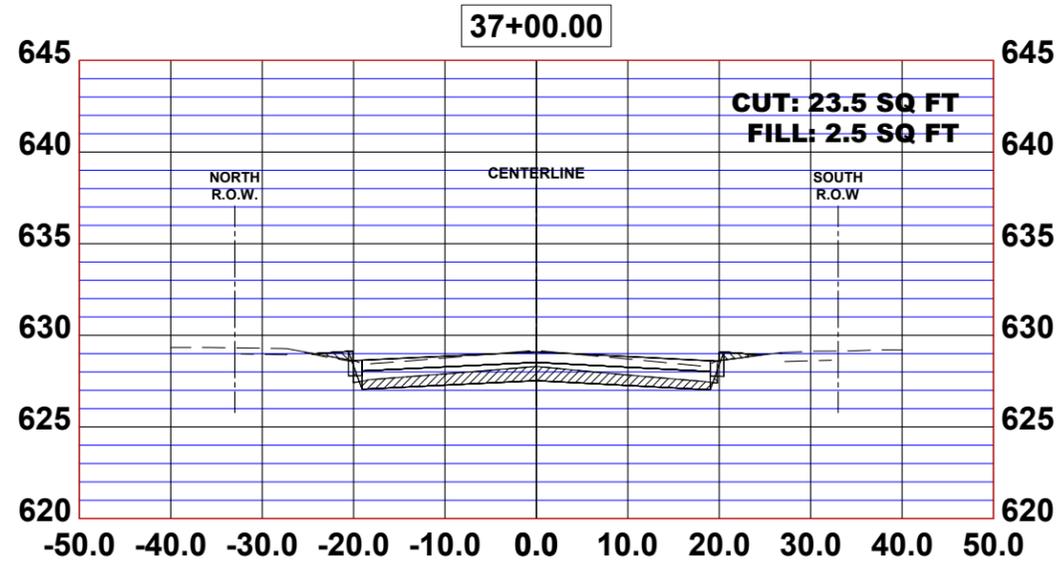
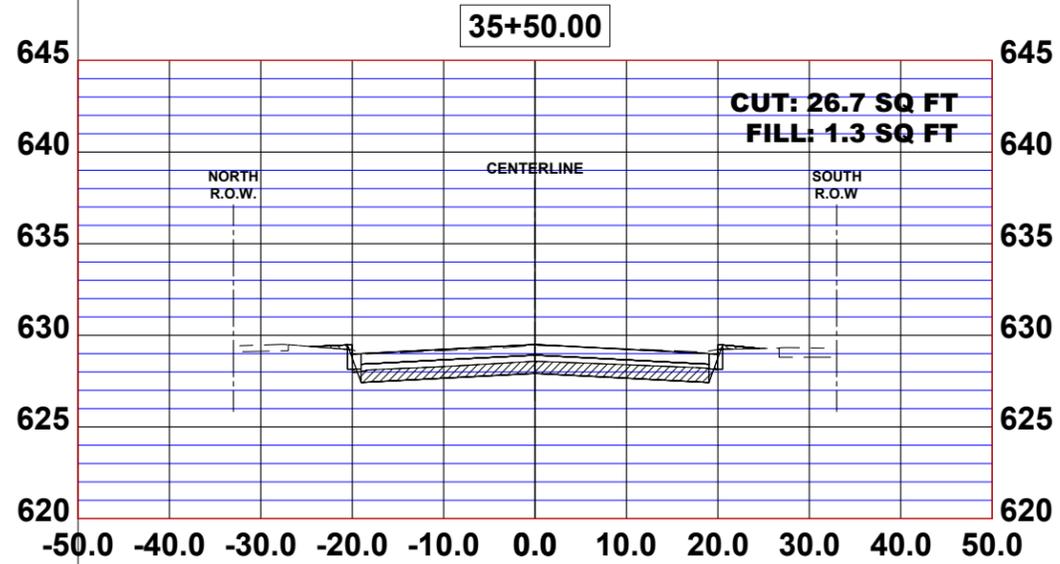
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 14 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	111
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23101

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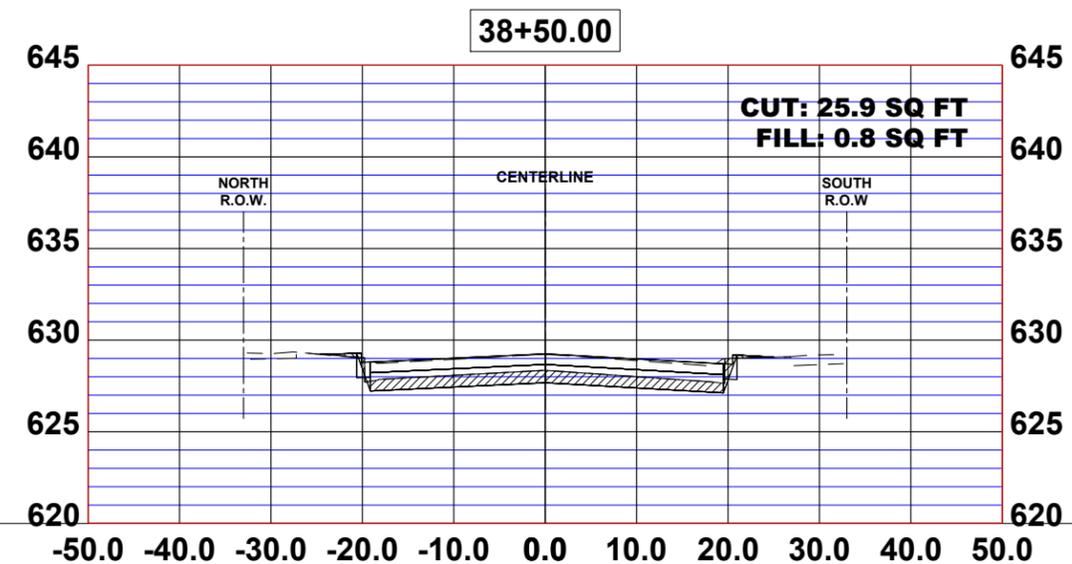
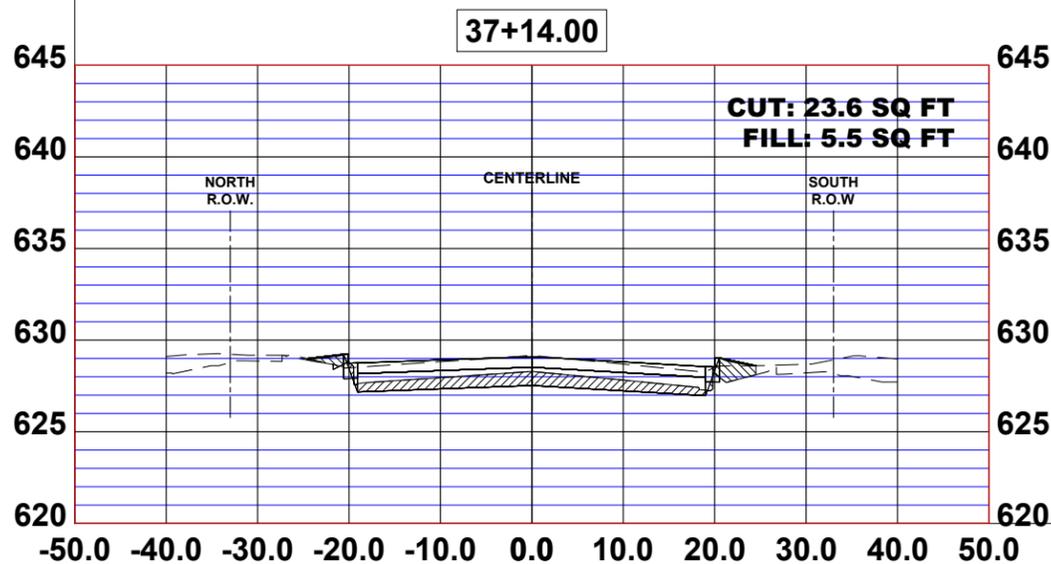
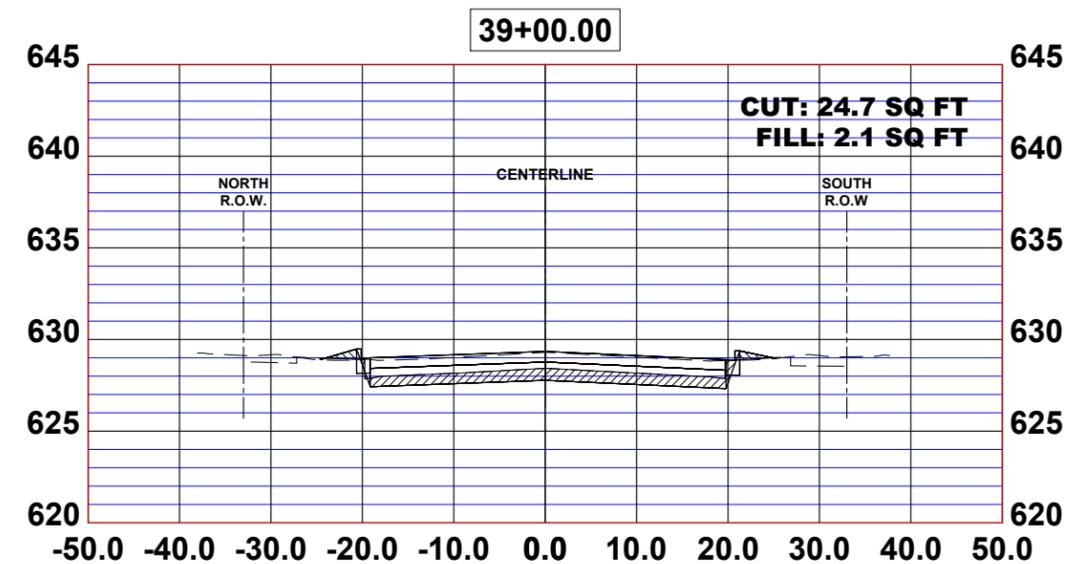
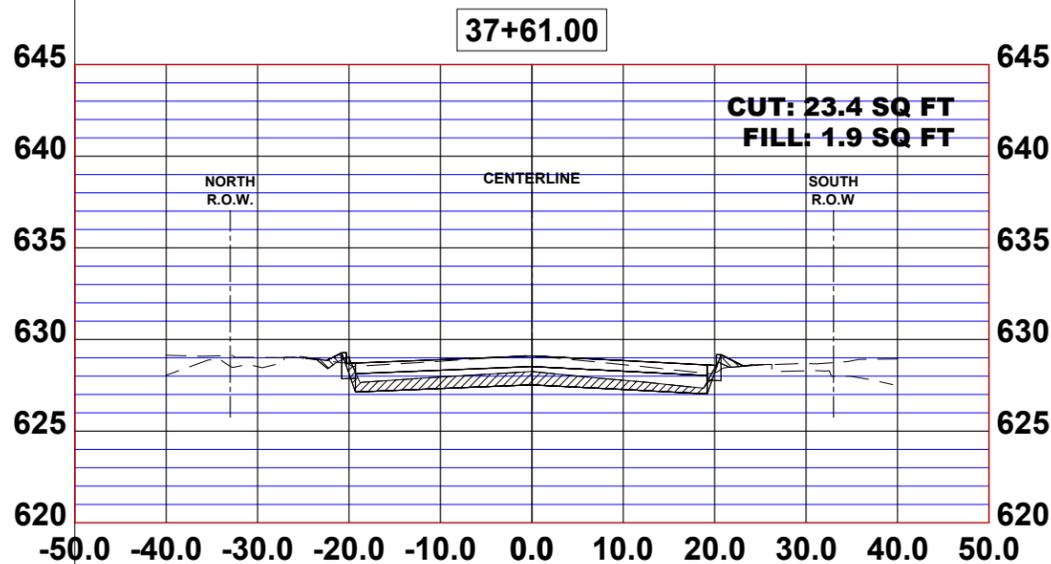
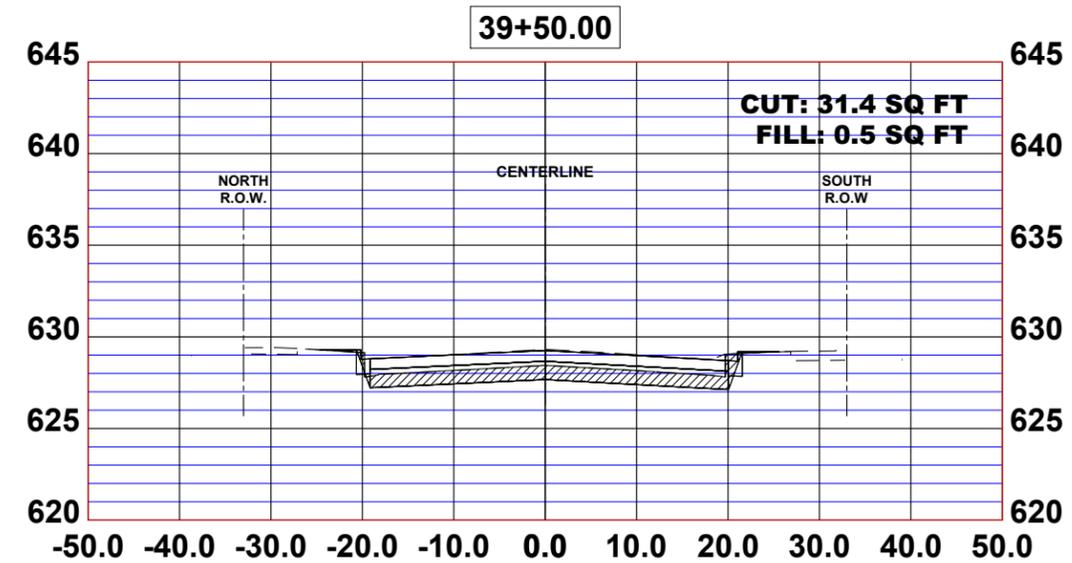
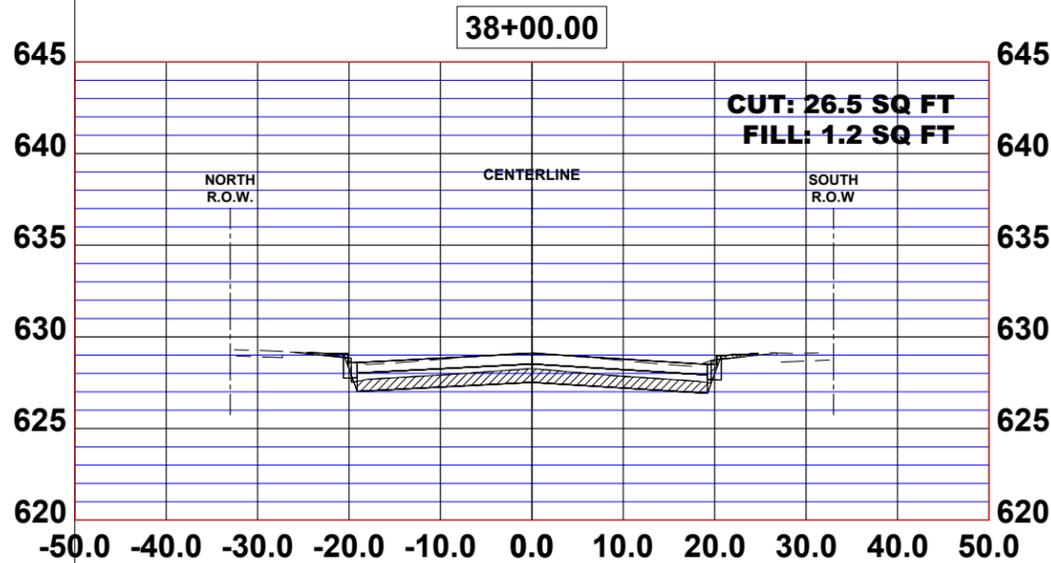
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 15 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	112
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 665-19-23181



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CHECKED -	WOP	REVISED -	
DATE -	8-8-22	REVISED -	

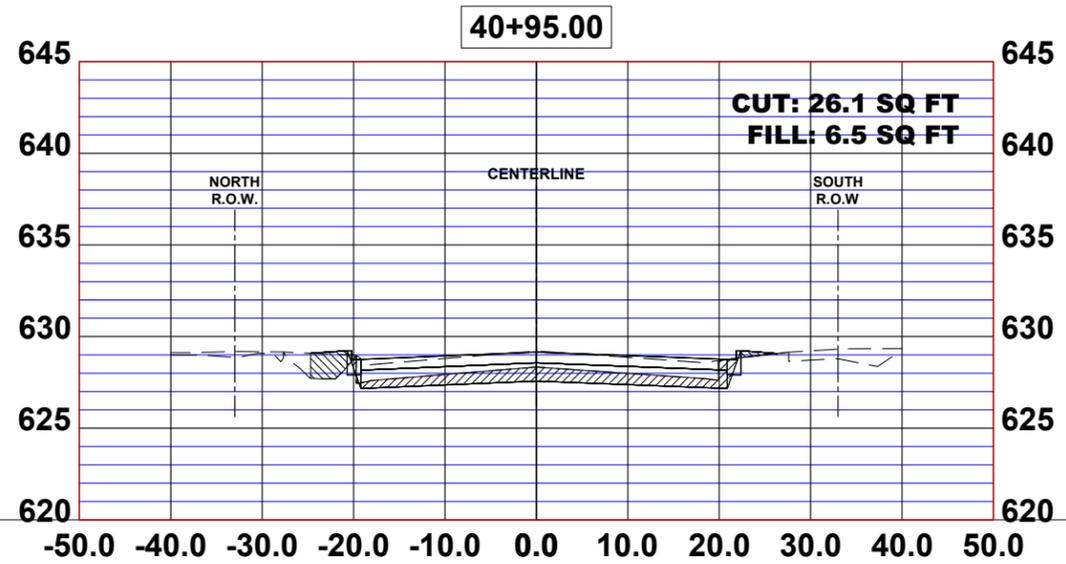
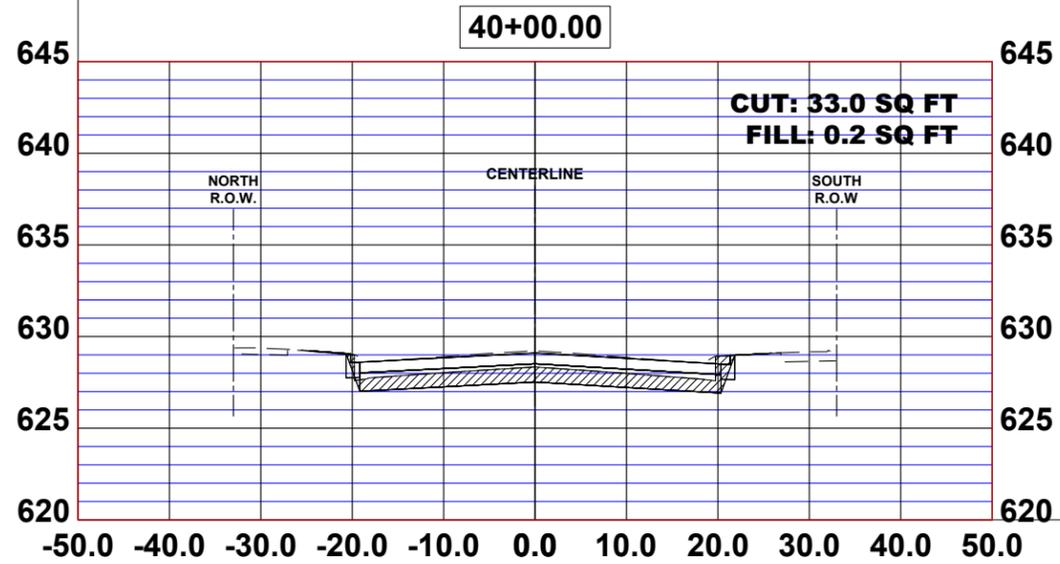
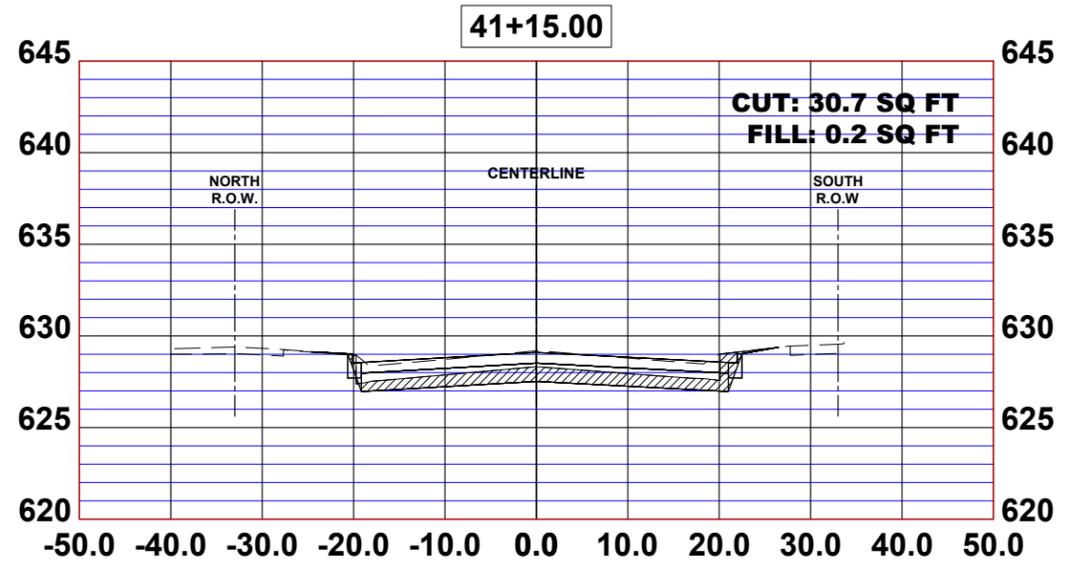
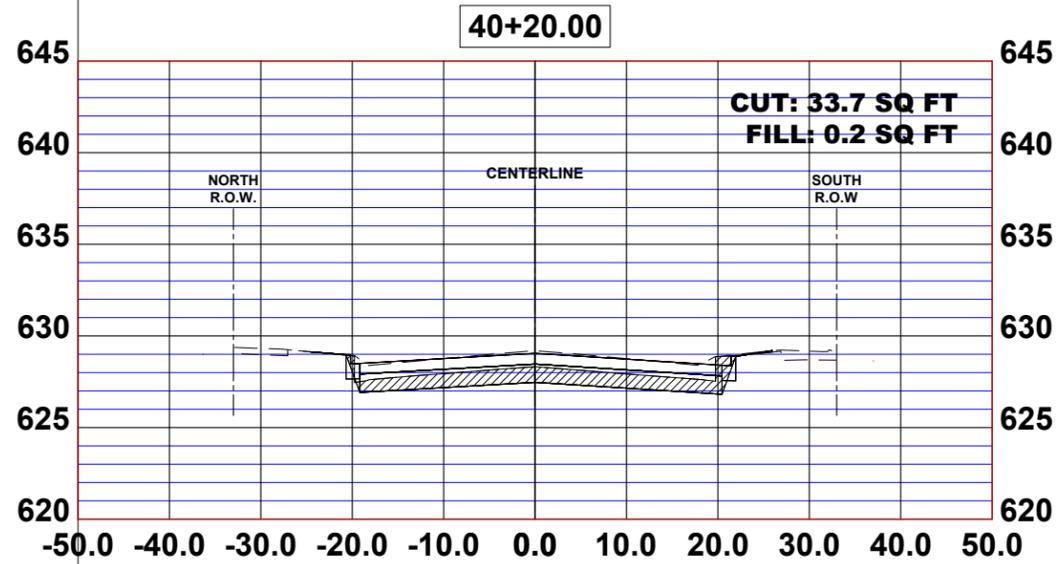
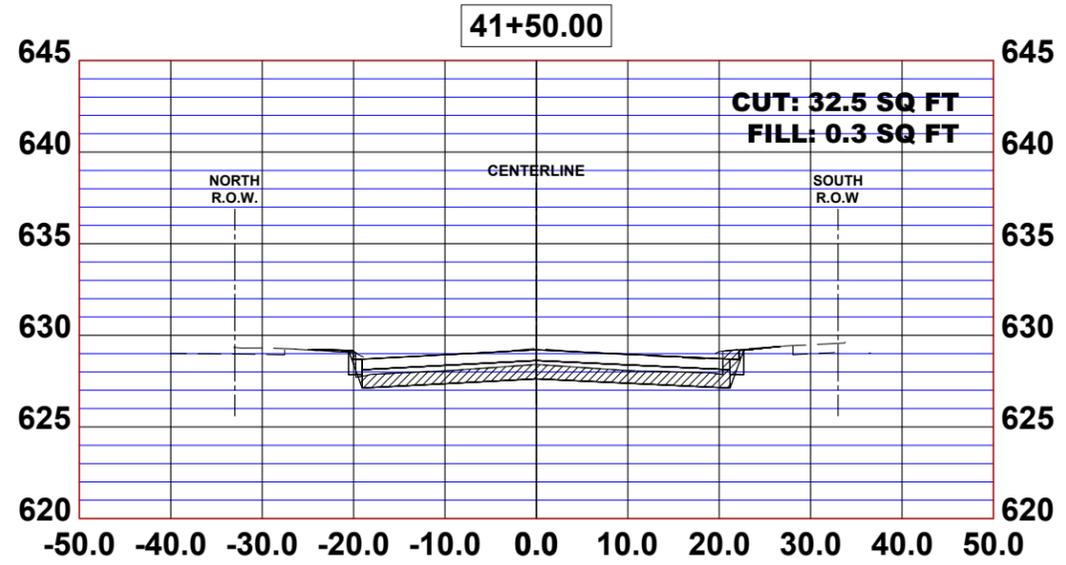
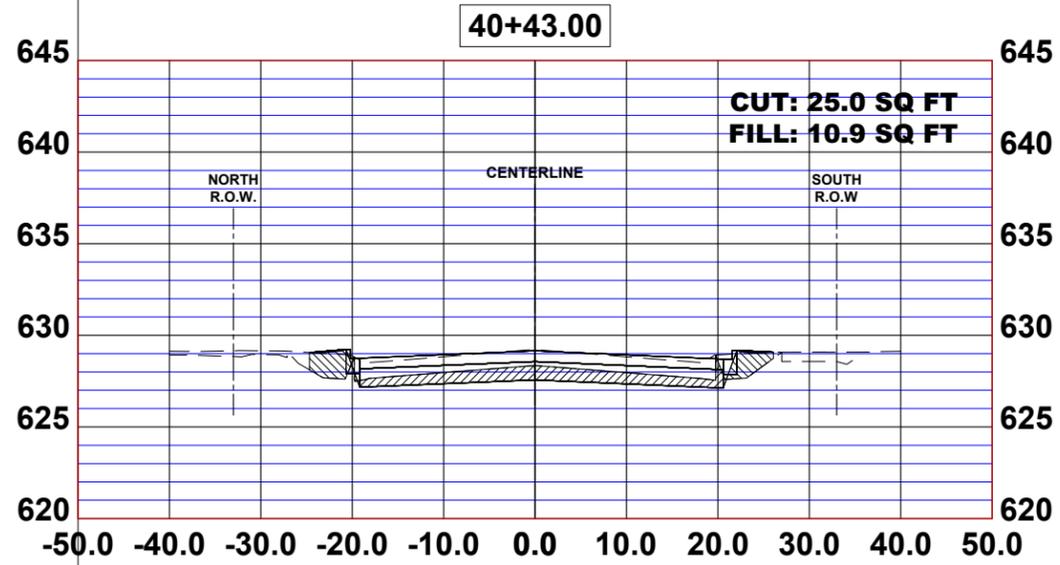
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATION CROSS SECTIONS	
SCALE: H:1"=10', V:1"=5'	SHEET NO. 16 OF 19 SHEETS
STA.	TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	113
FIELD BOOK NO. :		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

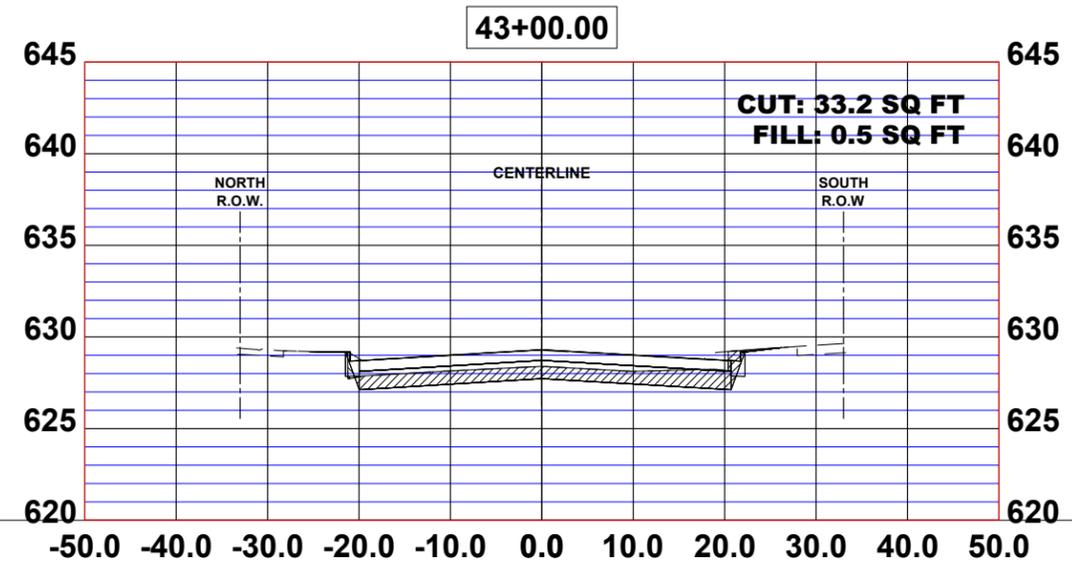
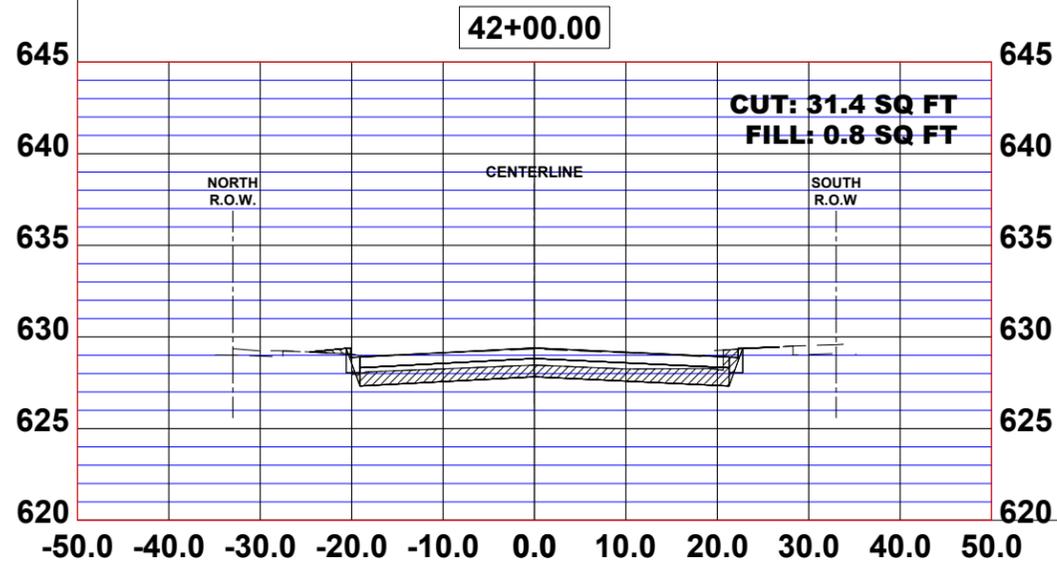
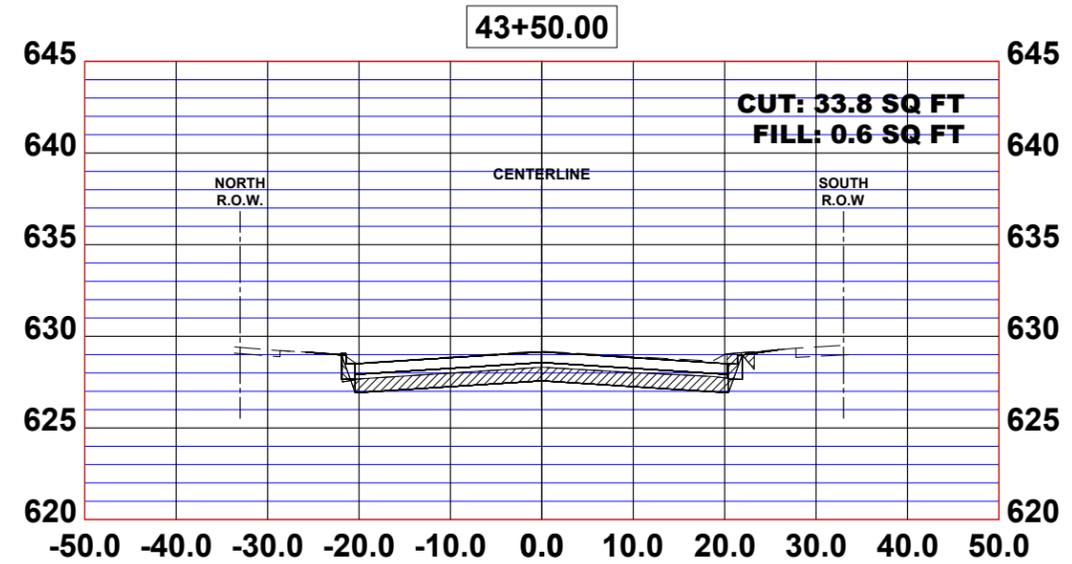
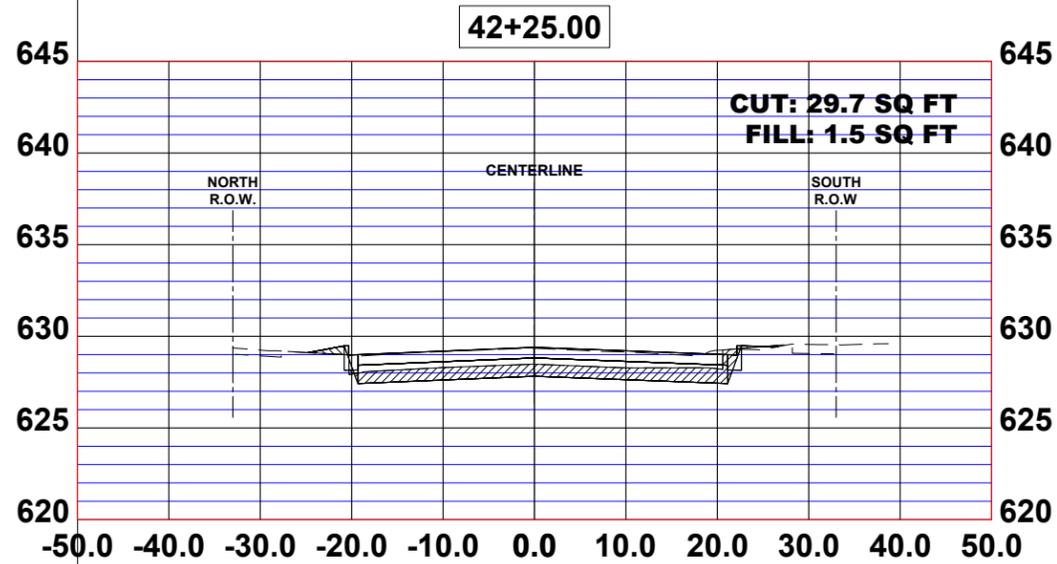
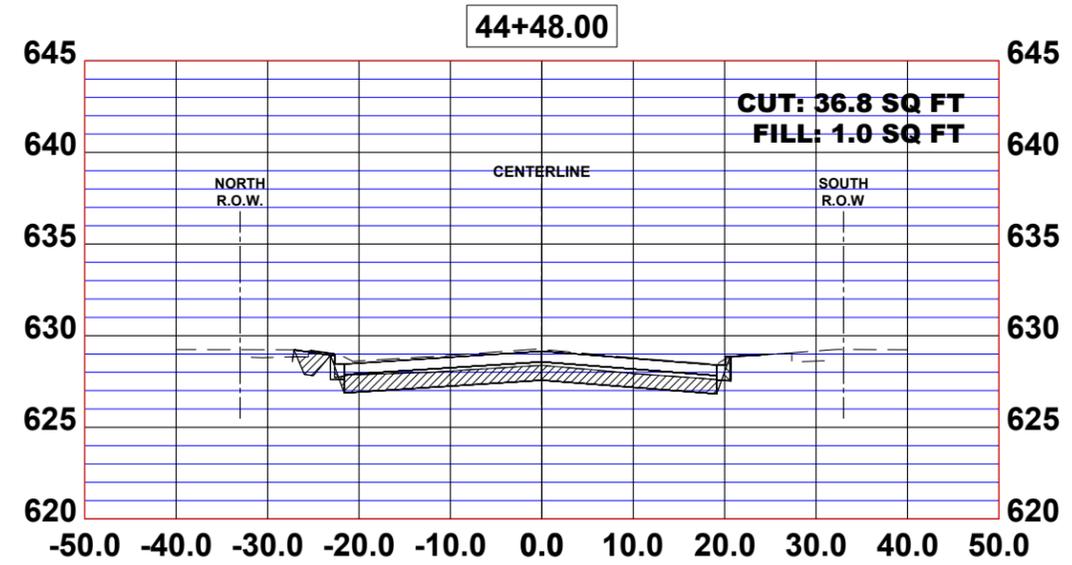
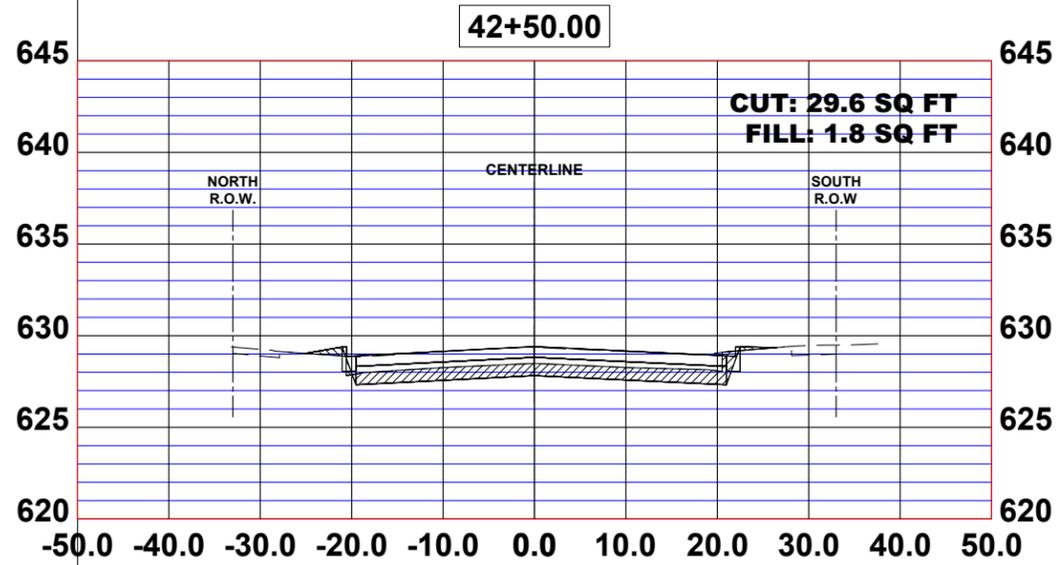
STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 17 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	114
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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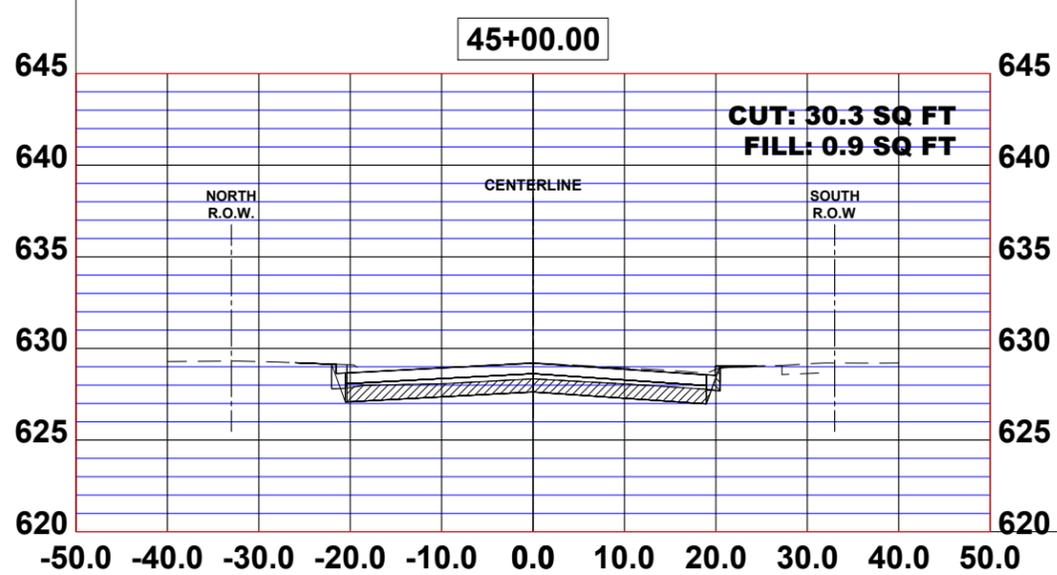
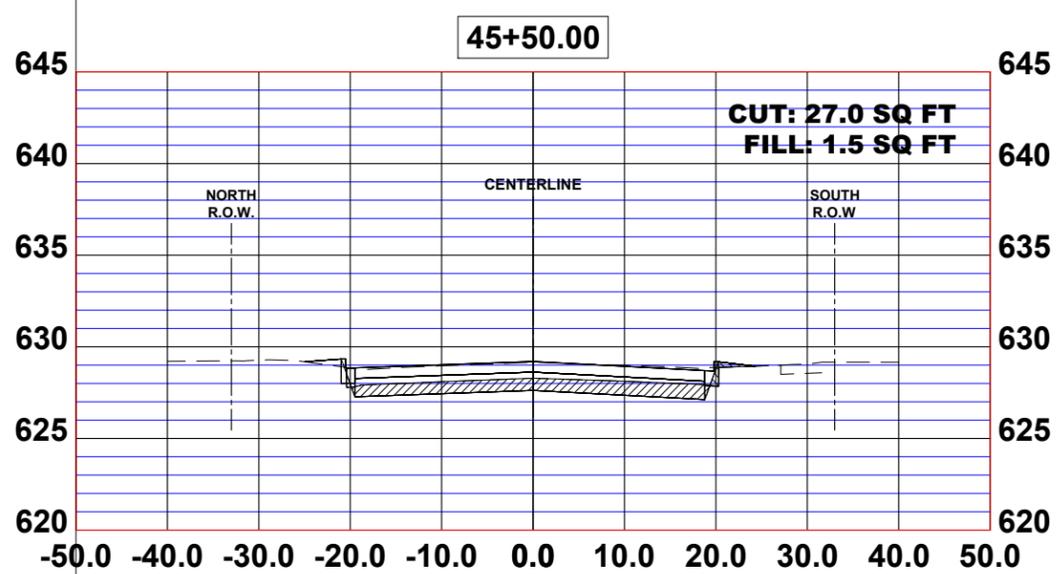
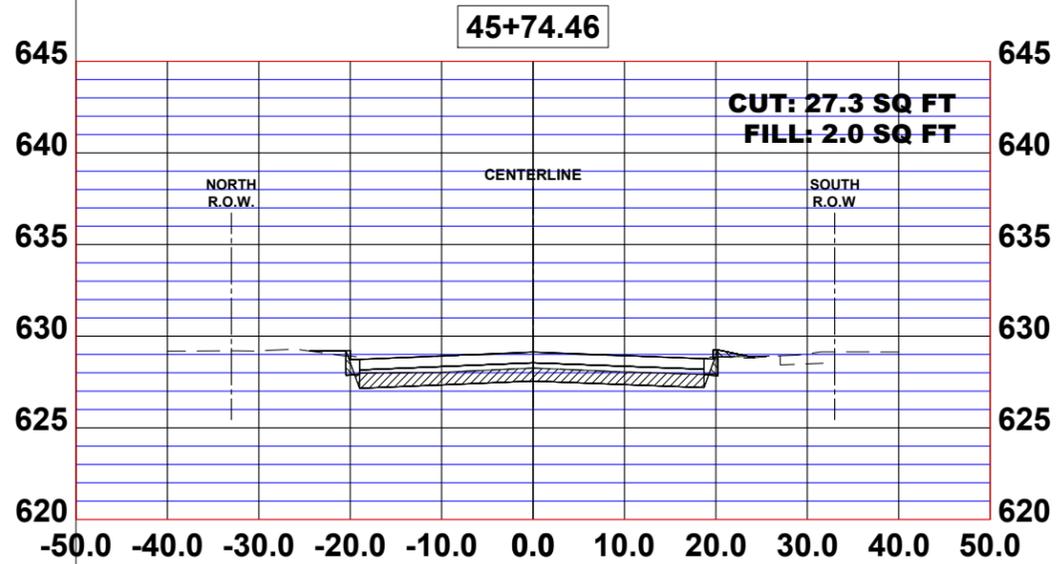
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STATION CROSS SECTIONS

SCALE: H:1"=10', V:1"=5' SHEET NO. 18 OF 19 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	115
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DATE -	8-8-22	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATION CROSS SECTIONS			
SCALE: H:1"=10', V:1"=5'	SHEET NO. 19 OF 19 SHEETS	STA.	TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1411	18-00139-00-PV	COOK	116	116
FIELD BOOK NO. : -		CONTRACT NO. 61J02		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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