

11-17-2023 LETTING ITEM 018

STATE OF ILLINOIS

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

DEPARTMENT OF TRANSPORTATION

**FUNCTIONAL CLASSIFICATION**  
MINOR COLLECTOR

**TRAFFIC DATA**  
DUBOIS BOULEVARD  
ADT (2018) = 1,175, ADT (2050) = 1,370  
BURLINGTON AVENUE  
ADT (2018) = 600, ADT (2050) = 700

**POSTED SPEED LIMIT**  
DUBOIS BOULEVARD = 25 MPH  
BURLINGTON AVENUE = 25 MPH

**DESIGN SPEED LIMIT**  
DUBOIS BOULEVARD = 30 MPH  
BURLINGTON AVENUE = 30 MPH

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

MUN 4020(DUBOIS BOULEVARD)  
OGDEN AVENUE (US 34) TO BURLINGTON AVENUE  
MUN 4020 (BURLINGTON AVENUE)  
DUBOIS BOULEVARD TO GROVE AVENUE  
ROADWAY CONSTRUCTION AND RESURFACING  
SECTION NO.: 20-00133-00-FP  
PROJECT NO.: ZLI3(141)  
VILLAGE OF BROOKFIELD  
COOK COUNTY

PAV ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20724020	20-00133-00-FP	COOK	187	1
ILLINOIS PROJECT		C-91-093-23		
CONTRACT NO.		61J89		



LOCATION OF SECTION INDICATED THUS:

STATE OF ILLINOIS  
ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: 08-07-2023  
VILLAGE OF BROOKFIELD, PRESIDENT

PASSED: 08-07-2023  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID  
BASED ON LIMITED  
REVIEW: 08-07-2023  
REGIONAL ENGINEER

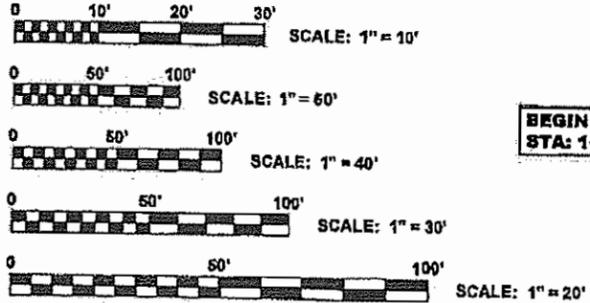
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATER WILL NOT BE CHANGED BY THE PROPOSED DEVELOPMENT. IF ANY DRAINAGE PATTERNS WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO THE PUBLIC AREA, OR DRAINS APPROVED FOR THE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



SIGNED:   
DATE: 8-7-2023 LICENSE #/EXPIRES: 11-30-23



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



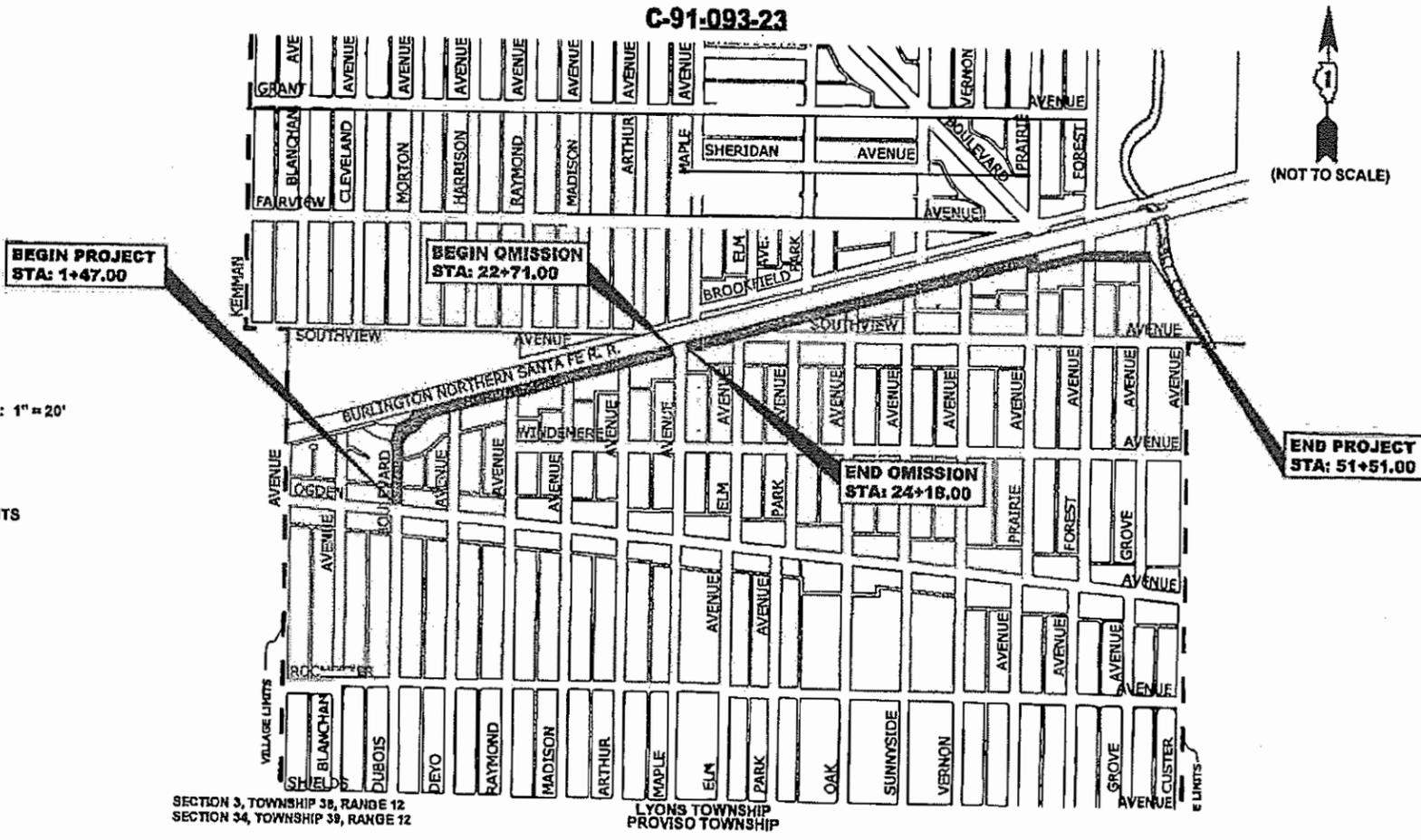
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

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

☎ (708) 588-4055  
✉ WMOjobStart@mwrdd.org

CONTRACT NO. 61J89



SECTION 3, TOWNSHIP 38, RANGE 12  
SECTION 34, TOWNSHIP 38, RANGE 12

LOCATION MAP  
NOT TO SCALE

GROSS LENGTH OF IMPROVEMENT = 5,004 FT = 0.948 MI  
NET LENGTH OF IMPROVEMENT = 4,857 FT = 0.920 MI

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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

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**LEGEND OF SYMBOLS**

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

EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		POWER POLE			
		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			UNDERDRAIN
		WATER MAIN VALVE VAULT			WATER MAIN
		STORM INLET			ELECTRIC LINE
		FIRE HYDRANT			GAS LINE
		EXISTING STRUCTURE TO BE REMOVED			TELEPHONE LINE
		EXISTING STRUCTURE TO BE FILLED			CURB AND GUTTER
		TREE TO BE REMOVED			EXISTING CURB AND GUTTER TO BE REMOVED
		BUSH			DIRECTION OF FLOW
		NEW TREE			DRAINAGE SUMMIT
		TREE			
		EVERGREEN TREE			WATER MAIN VALVE VAULT RIM AND TOP OF PIPE ELEVATION
	TP	TREE TRUNK PROTECTION			
	RP	ROOT PRUNING			COMBINATION MANHOLE RIM AND INVERT ELEVATION
		NON-SPECIAL WASTE DISPOSAL			STORM SEWER MANHOLE/CATCHBASIN RIM AND INVERT ELEVATION
		EXISTING CONCRETE SIDEWALK TO BE REMOVED			
		EXISTING CONCRETE DRIVEWAY TO BE REMOVED		A	STRUCTURE TO BE ADJUSTED
		EARTH EXCAVATION		1C	TYPE 1 FRAME & CLOSED LID
		PROPOSED CONCRETE PAVEMENT/SIDEWALK		1P	TYPE 1 FRAME & OPEN LID
		PROPOSED HOT MIX ASPHALT PAVING		RC	RECONSTRUCT EXISTING STRUCTURE
			643.90 x	632.25 x	GROUND ELEVATIONS

**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)
- RAILROAD CROSSING REPAIR DETOUR SIGNING (TC-28)
- BUTT JOINTS AND HMA TAPER DETAILS (BD-32)
- DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
- DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS (TS-07)

**HIGHWAY STANDARDS DRAWINGS**

STANDARD NO.	TITLE OR DESCRIPTION	STANDARD NO.	TITLE OR DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	720016-04	MAST ARM MOUNTED STREET NAME SIGNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	729001-01	APPLICATIONS OF TYPES A&B METAL POSTS
442101-09	CLASS B PATCHES	780001-05	TYPICAL PAVEMENT MARKINGS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIA.	886001-01	DETECTOR LOOP INSTALLATIONS
601001-05	PIPE UNDERDRAINS	886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP		
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24"(600MM) FROM PAVEMENT EDGE		
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY		
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS		
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY		
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED		
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION		
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE		
701901-08	TRAFFIC CONTROL DEVICES		
720001-01	SIGN PANEL MOUNTING DETAILS		
720006-04	SIGN PANEL ERECTION DETAILS		

DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	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.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	2
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

**GENERAL NOTES AND UTILITIES**

1. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE INDEX OF SHEETS IN THE PLANS. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022. THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" 8TH EDITION, AND THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. VILLAGE OF BROOKFIELD MUNICIPAL CODE. THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.
2. 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.
3. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREE SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AND GARBAGE TRUCKS AT ALL TIMES. IF THE GARBAGE TRUCKS ARE NOT ABLE TO HAVE ACCESS TO ALL OF THE PROPERTIES WITHIN THE PROJECT LIMITS, THEN THE CONTRACTOR SHALL PLACE ANY GARBAGE THAT IS AFFECTED IN A LOCATION WHERE THE GARBAGE TRUCKS CAN PICK IT UP. THE CONTRACTOR SHALL RETURN THE GARBAGE CANS TO THE PARKWAY OF THE RESPECTIVE PROPERTY BY THE END OF THE DAY.
6. 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.
7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE BNSF RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE BNSF RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD ROW MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
8. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
9. THE LOCATIONS OF THE UNDERGROUND UTILITIES IF SHOWN ON THE PLANS HAVE BEEN OBTAINED BY FIELD SURVEYS AND SEARCHES OF AVAILABLE RECORDS. THE VILLAGE OF BROOKFIELD, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND/OR OTHER OFFICES AND AGENCIES ASSOCIATED WITH THE DEVELOPMENT OF THESE PLANS DO NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL BE REQUIRED TO VERIFY THE EXACT LOCATION OF EACH FACILITY WITH THE UTILITY COMPANY, AND SHALL TAKE DUE CARE IN ALL PHASES OF THE CONSTRUCTION TO PROTECT ANY SUCH FACILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
10. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF BROOKFIELD.
11. ADJUSTMENTS REQUIRED BY UTILITY COMPANIES WILL BE PERFORMED BY THE COMPANY INVOLVED OR ITS CONTRACTOR, BUT WILL BE COORDINATED BY GENERAL CONTRACTOR.

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.

**CONSTRUCTION NOTES**

1. THE SUBGRADE STABILITY BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
2. 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 SSRBC 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.
3. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
4. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
5. WHEN REMOVING PAVEMENT AND/OR OTHER STRUCTURES, THE CONTRACTOR SHALL NOT USE ANY TYPE OF CONCRETE BREAKERS SUCH AS DROP HAMMERS, THAT MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES.
6. THE CONTRACTOR SHALL SAW CUT ASPHALT PAVEMENT AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING PAVEMENT TO BE REMOVED BY APPROVED MEANS OR 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 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 TO THE SATISFACTION OF THE ENGINEER.
7. A BUTT JOINT WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
8. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
9. THE CONTRACTOR WILL BE REQUIRED TO SCHEDULE THEIR OPERATIONS SO THAT NO SECTIONS OF PAVEMENT ALONG THE CENTERLINE WILL HAVE A COLD JOINT OVERNIGHT.
10. PAVEMENT PATCHING OF UTILITY TRENCHES AS REMOVED IN STAGE I OF THE MAINTENANCE OF TRAFFIC PLAN SHALL BE PAID FOR AS 44000100 PAVEMENT REMOVAL AND 35300300 PORTLAND CEMENT BASE COURSE 8". ALL OTHER PAVEMENT PATCHES SHALL BE PAID FOR AS CLASS B PATCHES.
11. LOCATIONS OF CLASS B PATCHES ON PLANS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY ENGINEER. CLASS B PATCHES LOCATED WITHIN THE THROUGH LANES SHALL BE MADE ACCESSIBLE TO TRAFFIC AT THE END OF EACH WORK DAY.
12. PAVEMENT PATCHING SHALL BE STAGED TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES.

**UNDERGROUND NOTES**

1. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
2. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07 (b, c) OF THE SSRBC WILL NOT BE ALLOWED.
3. SANITARY SEWER SERVICE CONNECTION LENGTHS SHOWN ON PLAN ARE ESTIMATED. CONTRACTOR TO VERIFY IN FIELD SERVICE PIPE QUALITY AND GRADE WHEN MAKING CONNECTIONS TO EXISTING PIPE. SPECIAL ATTENTION SHOULD BE PAID TO CROSSINGS AT PURPOSED STORM SEWER PIPE. UNLESS SHOWN OTHERWISE ON PLAN, ASSUMED SANITARY SERVICE PIPE LENGTH TO COMPLETE CONNECTION IS 4.
4. THE TYPE OF THE FRAMES AND GRATES REQUIRED FOR ALL CATCH BASINS AND MANHOLE 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 TH STANDARD SPECIFICATIONS AND THE TERM LID IS USED IN LIEU OF GRATE.  
  
THE WORD "WATER", "SANITARY", OR "STORM" SHALL BE CAST INTO THE LID OF EACH RESPECTIVE MANHOLE OR VALVE VAULT.
5. 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 BROOKFIELD AND BE SALVAGED. THE CONTRACTOR SHALL DELIVER FRAMES AND LIDS TO THE VILLAGE OF BROOKFIELD LOCATED AT 4545 EBERLY AVE, BROOKFIELD, IL 60513 (708) 485-7344.
6. THE CONTRACTOR SHALL CONDUCT OPERATIONS AS TO MAINTAIN AT ALL TIMES FLOW THROUGH EXISTING STORM AND SANITARY SEWER SYSTEMS. THE CONTRACTOR 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 SHALL BE SEALED AS SPECIFIED IN THE SPECIAL PROVISIONS. EXISTING STRUCTURES ARE TO BE INSPECTED BEFORE CONSTRUCTION STARTS - ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR.
7. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OR STRUCTURES.

Drawing file: W:\projects\_by\_village\brookfield\12522252 - burlington ave phase ii\03\_GeneralNotes.dwg Sep 12, 2023 - 10:51am

 <p><b>HANCOCK ENGINEERING</b> 100+ Years of Excellence</p> <ul style="list-style-type: none"> <li>◆ Civil Engineers</li> <li>◆ Municipal Consultants</li> <li>◆ Established 1911</li> </ul>	9933 Roosevelt Road Westchester, IL 60154-2780 Phone: 708-865-0300 www.hancock.com
	DESIGNED - X
	DRAWN - ECW, SFB, DMM, GD
	CHECKED - XXX
DATE - 8-7-23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GENERAL NOTES</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	3
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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

**A. REFERENCED SPECIFICATIONS**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:  
 \* STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;  
 \* STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;  
 \* VILLAGE OF BROOKFIELD MUNICIPAL CODE;  
 \* THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;  
 \* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

**B. NOTIFICATIONS**

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO [WMOJOBSTART@MWRD.ORG](mailto:WMOJOBSTART@MWRD.ORG)).
- THE VILLAGE OF BROOKFIELD ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

**C. GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS 0 FT.
- THE ENGINEER, IN COORDINATION WITH THE MWRD, AND THE VILLAGE OF BROOKFIELD SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

**D. SANITARY SEWER**

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 ASTM D-3139

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

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

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

**E. EROSION AND SEDIMENT CONTROL**

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

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**MWRDGC GENERAL NOTES (MWRD)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	4
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

Drawing File: W:\Projects\by\_Mega\Brookfield\12522252 - Barrington Ave Phase II\05\_500.dwg Sep 07, 2023 - 8:47am

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
	0004	0042				
	URBAN	URBAN				
X	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	66	66	
X	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	225	225	
X	20101100	TREE TRUNK PROTECTION	EACH	41	41	
X	20101200	TREE ROOT PRUNING	EACH	21	21	
	20200100	EARTH EXCAVATION	CU YD	5,250	5,250	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	450	450	
	20400800	FURNISHED EXCAVATION	CU YD	200	200	
	20800150	TRENCH BACKFILL	CU YD	3400	3400	
	21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	450	450	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5750	5750	
	21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	125	125	
	25000310	SEEDING, CLASS 4	ACRE	0.25	0.25	
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	125	125	
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	125	125	
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	125	125	
	25100135	MULCH, METHOD 4	ACRE	0.25	0.25	



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**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0855	20-00133-00-FP	COOK	107	5
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\by\_sloger\breakfile\12522502 - Burlington Ave Phase 1\Q3\_S00.dwg  
 Sep 07, 2023 - 8:17am

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
					0004	0042
					URBAN	URBAN
	25100630	EROSION CONTROL BLANKET	SQ YD	100	100	
	25200110	SODDING, SALT TOLERANT	SQ YD	5750	5750	
	25200200	SUPPLEMENTAL WATERING	UNIT	315	315	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5	5	
	28000400	PERIMETER EROSION BARRIER	FOOT	50	50	
	28000510	INLET FILTERS	EACH	59	59	
	28100107	STONE RIPRAP, CLASS A4	SQ YD	10	10	
	28200200	FILTER FABRIC	SQ YD	10	10	
	28400100	GABIONS	CU YD	3	3	
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	450	450	
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	10100	10100	
	35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	1700	1700	
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	110	110	
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,500	14,500	
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	5000	5000	
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	25	25	



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**SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET NO. 2 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	6
FIELD BOOK NO.:			CONTRACT NO. 61J89	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\projects\by\_billge\brockfield\252252 - Burlington ave phase II\05\_500.dwg Aug 08, 2013 - 12:22pm

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
	0004	0042				
		URBAN	URBAN			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	550	550	
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	950	950	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2550	2550	
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2750	2750	
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	30	30	
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	75	75	
	42001300	PROTECTIVE COAT	SQ YD	5250	5250	
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	1800	1800	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16500	16500	
	42400800	DETECTABLE WARNINGS	SQ FT	330	330	
	44000100	PAVEMENT REMOVAL	SQ YD	11000	11000	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1500	1500	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7250	7250	
	44000600	SIDEWALK REMOVAL	SQ FT	16000	16000	
	44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	50	50	
	44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	100	100	



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**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET NO. 3 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	7
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.H.E. PROJECT NO. 125-22-25201

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S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
	0004	0042				
	URBAN	URBAN				
	44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	150	150	
	44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	225	225	
	44213200	SAW CUTS	FOOT	2000	2000	
	44213202	TIE BARS 1"	EACH	2100	2100	
	54215448	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	1	1	
	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	356	356	
	550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	338	338	
	550A2580	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FOOT	352	352	
	550A2590	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 33"	FOOT	339	339	
	550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	395	395	
	550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	367	367	
	550A2620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 48"	FOOT	427	427	
	550B0330	STORM SEWERS, CLASS B, TYPE 2, 10"	FOOT	145	145	
X	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	40	40	
X	56105200	WATER VALVES 12"	EACH	1	1	
X	56200300	WATER SERVICE LINE 1"	EACH	6	6	



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**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-09133-00-FP	COOK	107	8
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201

Drawing file: W:\projects\_by\_silaga\road\1252252 - badington\_ave\_phase\_1\05\_500.dwg Aug 08, 2023 - 12:22pm

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE		
					STP FUNDS		
					80% FEDERAL / 20% LOCAL		
					RECONSTRUCTION	TRAINEES	
					0004	0042	
					URBAN	URBAN	
X	56400510	FIRE HYDRANTS TO BE REMOVED AND REPLACED	EACH	2		2	
X	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	12		12	
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	275		275	
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2		2	
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4	
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	12		12	
	60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1		1	
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1		1	
	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		4	
	60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1		1	
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	27		27	
	60600605	CONCRETE CURB, TYPE B	FOOT	850		850	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6200		6200	
	60604100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (MODIFIED)	FOOT	1400		1400	
X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300		300	
X	66900530	SOIL DISPOSAL ANALYSIS	EACH	1		1	



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET NO. 5 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	9
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\projects\_by\_siliga\hoco\1552252 - Burlington ave phase 1\05\_500.dwg Aug 08, 2013 - 12:27pm

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE		
					STP FUNDS		
					80% FEDERAL / 20% LOCAL		
					RECONSTRUCTION	TRAINEES	
					0004	0042	
					URBAN	URBAN	
X	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1	
X	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1	
X	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	13		13	
	67100100	MOBILIZATION	L SUM	1		1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	125		125	
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	550		550	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	300		300	
X	72000100	SIGN PANEL - TYPE 1	SQ FT	300		300	
X	72900100	METAL POST - TYPE A	FOOT	150		150	
X	72900200	METAL POST - TYPE B	FOOT	400		400	
X	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	10		10	
X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5100		5100	
X	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1200		1200	
X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	300		300	
X	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	10		10	
X	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	950		950	



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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET NO. 6 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	10
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\projects\_by\_village\road\125222222 - Burlington ave phase 1\05\_500.dwg Aug 08, 2023 - 12:22pm

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
	0004	0042				
	URBAN	URBAN				
X	88600100	DETECTOR LOOP, TYPE 1	FOOT	125	125	
X	X0325207	TELEVISION INSPECTION OF SEWER	FOOT	4536	4536	
	X0325607	GROUND STABILIZATION GEOSYNTHETIC	SQ YD	10100	10100	
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	450	450	
	X1200046	STORM SEWERS, CLASS B, TYPE 2, 8"	FOOT	880	880	
	X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	6	6	
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100	
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	10	10	
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2	
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	20	20	
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	9750	9750	
	X4420210	TEMPORARY PATCHING	SQ YD	700	700	
X	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	1000	1000	
X	X5620096	WATER SERVICE LINE 1", (BORED)	EACH	5	5	
	X6020399	CONNECTION TO EXISTING MANHOLE	EACH	5	5	
	X6022805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID, SPECIAL	EACH	28	28	



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE    SHEET NO. 7 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	11
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\_by\_silago\broadsheet\2522252 - Burlington one phase 1\06\_500.dwg Aug 08, 2023 - 12:22pm

S.I.	Code No.	Item	Unit	Total Quantity	CONSTRUCTION CODE	
					STP FUNDS	
					80% FEDERAL / 20% LOCAL	
					RECONSTRUCTION	TRAINEES
	0004	0042				
	URBAN	URBAN				
	X6023700	MANHOLES, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	4	4	
	X6023800	MANHOLES, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	4	4	
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	35	35	
X	XX001468	SANITARY SEWER, PVC, 18"	FOOT	210	210	
X	XX003803	SANITARY SEWER SERVICE 6"	FOOT	248	248	
	XX004688	BRICK PAVER SIDEWALK	SQ FT	1900	1900	
X	XX006037	CDS UNIT	EACH	1	1	
X	XX006253	SANITARY MANHOLE, 4'- DIAMETER	EACH	3	3	
X	XX006448	PVC COMBINED SEWER PIPE REPLACEMENT, 10"	FOOT	190	190	
X	XX006449	PVC COMBINED SEWER PIPE REPLACEMENT, 12"	FOOT	246	246	
X	XX006451	10" X 6" PVC SEWER SERVICE CONNECTIONS	EACH	14	14	
X	XX006816	12" X 6" PVC SEWER SERVICE CONNECTIONS (SPECIAL)	EACH	16	16	
X	XX006994	8" X 4" CATCH BASIN TRAP AND RESTRICTOR	EACH	13	13	
	XX007079	CONCRETE RIBBON	FOOT	100	100	
X	XX007154	18" X 6" SEWER SERVICE CONNECTIONS	EACH	12	12	



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

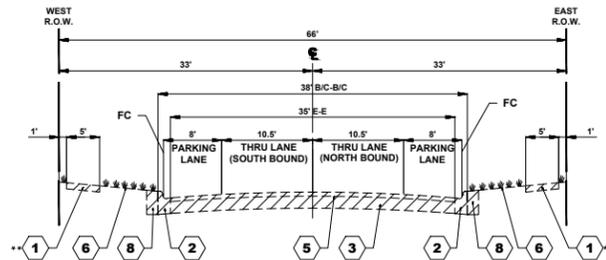
SCALE: NONE | SHEET NO. 8 OF 9 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	12
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

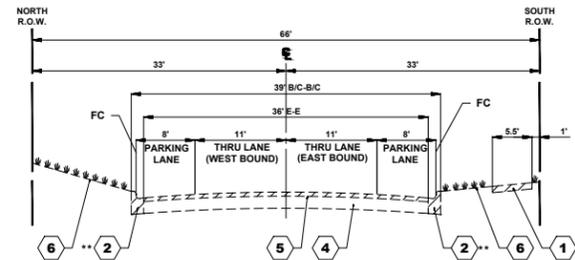
E.H.E. PROJECT NO. 125-22-25201



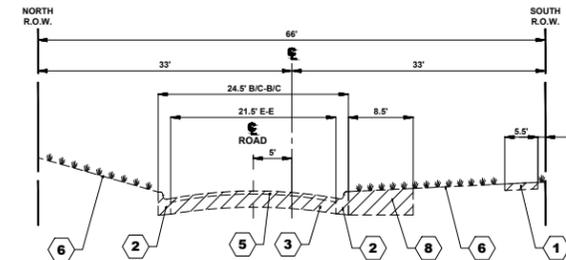
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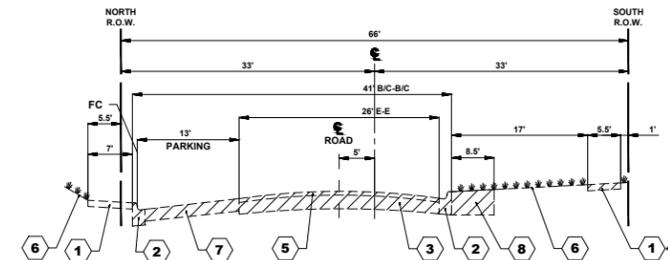
**DUBOIS BOULEVARD**  
(2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)  
(STA 1+47 TO STA 8+00)



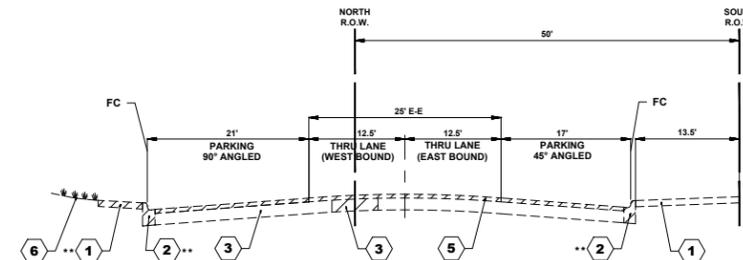
**BURLINGTON AVENUE**  
(DUBOIS BOULEVARD TO MAPLE AVENUE)  
(STA 8+00 TO STA 22+71)



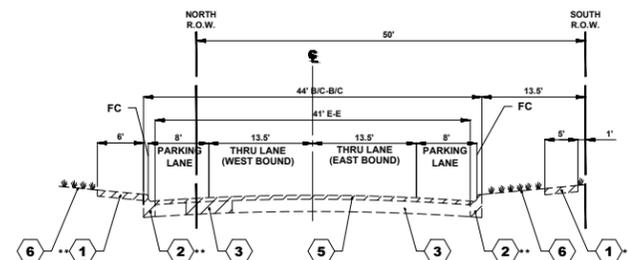
**BURLINGTON AVENUE**  
(MAPLE AVENUE TO SUNNYSIDE AVENUE)  
(STA 24+18 TO STA 37+00)



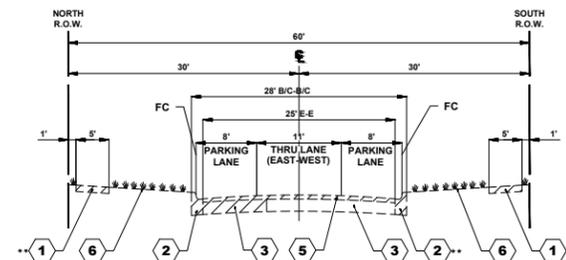
**BURLINGTON AVENUE**  
(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)  
(STA 37+00 TO STA 44+25)



**BURLINGTON AVENUE**  
(PRAIRIE AVENUE TO STA. 46+42)  
(STA 44+25 TO STA 46+42)



**BURLINGTON AVENUE**  
(STA. 46+42 TO FOREST AVENUE)  
(STA 46+42 TO STA 48+00)



**BURLINGTON AVENUE**  
(FOREST AVENUE TO GROVE AVENUE)  
(STA 48+00 TO STA 51+51)

**TYPICAL SECTION LEGEND**

**EXISTING**

- 1 EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- 2 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 3 EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 6"-8"
- 4 EXISTING AGGREGATE BASE, 6"-8"
- 5 EXISTING HOT-MIX ASPHALT BINDER AND SURFACE COURSE, 2"-4"
- 6 EXISTING GRASS PARKWAY
- 7 EXISTING PORTLAND CEMENT CONCRETE FINISHED PAVEMENT, 6"-8"
- 8 EARTH EXCAVATION, WIDENING

PAVEMENT CORE SUMMARY				
BORE	STREET	STATION	BITUMINOUS	CONC BASE
C-12	DUBOIS BOULEVARD	1+70	0.00"	6.25"
C-11	DUBOIS BOULEVARD	5+75	0.00"	6.75"
C-10	BURLINGTON AVENUE	7+60	6.25"	0.00"
C-9	BURLINGTON AVENUE	16+30	6.75"	0.00"
C-8	BURLINGTON AVENUE	25+40	2.00"	5.75"
C-7	BURLINGTON AVENUE	28+40	1.75"	7.00"
C-6	BURLINGTON AVENUE	32+00	1.50"	7.50"
C-5	BURLINGTON AVENUE	34+85	2.00"	6.50"
C-4	BURLINGTON AVENUE	38+90	2.25"	7.00"
C-3	BURLINGTON AVENUE	42+30	2.50"	7.50"
C-2	BURLINGTON AVENUE	47+20	5.00"	6.50"
C-1	BURLINGTON AVENUE	51+15	3.25"	6.25"

**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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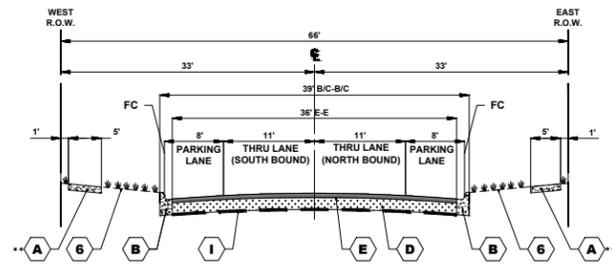
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DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

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

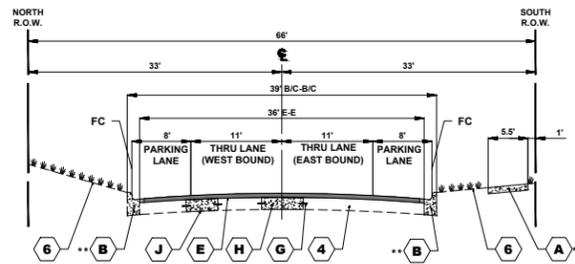
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	14
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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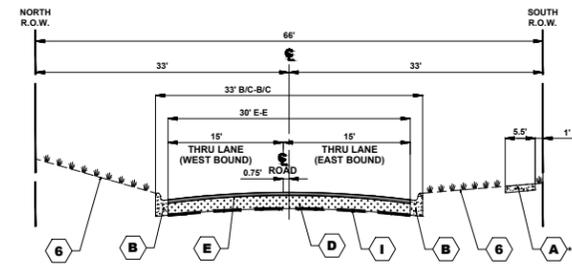
**DUBOIS BOULEVARD**  
(2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)  
(STA 1+47 TO STA 8+00)

\*\* INTERMITTENT PLACEMENT



**BURLINGTON AVENUE**  
(DUBOIS BOULEVARD TO MAPLE AVENUE)  
(STA 8+00 TO STA 22+71)

\*\* INTERMITTENT PLACEMENT



**BURLINGTON AVENUE**  
(MAPLE AVENUE TO SUNNYSIDE AVENUE)  
(STA 24+18 TO STA 37+00)

\*\* INTERMITTENT PLACEMENT

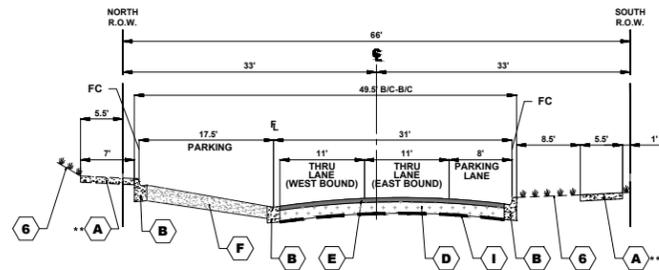
**TYPICAL SECTION LEGEND**

**EXISTING**

- 1 EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- 2 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 3 EXISTING PORTLAND CEMENT CONCRETE BASE COURSE, 6"-8"
- 4 EXISTING AGGREGATE BASE, 6"-8"
- 5 EXISTING HOT-MIX ASPHALT BINDER AND SURFACE COURSE, 2"-4"
- 6 EXISTING GRASS PARKWAY
- 7 EXISTING PORTLAND CEMENT CONCRETE FINISHED PAVEMENT, 6"-8"
- 8 EARTH EXCAVATION, WIDENING

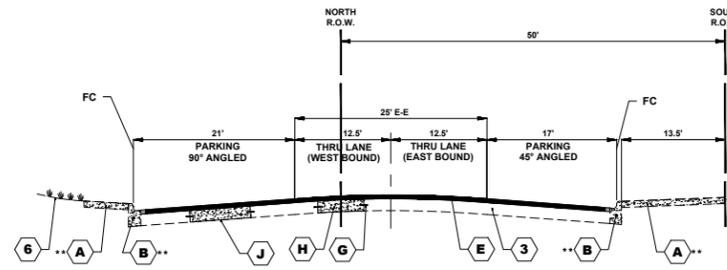
**PROPOSED**

- A PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
- B PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- C PROPOSED CONCRETE BARRIER CURB
- D PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- E PROPOSED HOT-MIX ASPHALT BINDER AND SURFACE COURSE
- F PROPOSED PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"
- G PROPOSED TIE BARS
- H PROPOSED CLASS 'B' PATCH
- I PROPOSED GROUND STABILIZATION GEOSYNTHETIC
- J PORTLAND CEMENT CONCRETE BASE COURSE, 8"



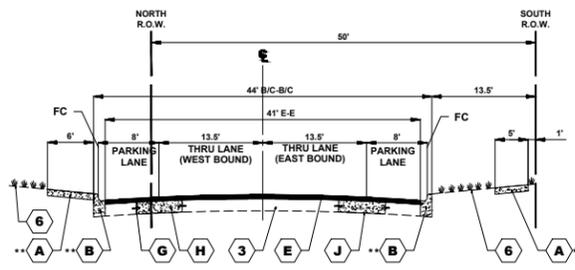
**BURLINGTON AVENUE**  
(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)  
(STA 37+00 TO STA 44+25)

\*\* INTERMITTENT PLACEMENT



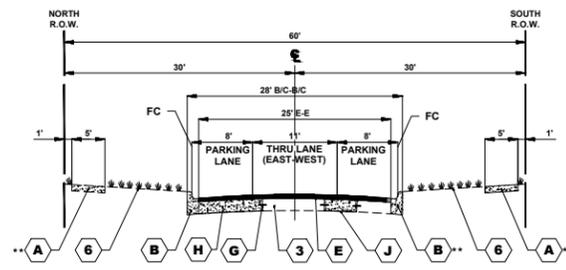
**BURLINGTON AVENUE**  
(PRAIRIE AVENUE TO STA. 46+42)  
(STA 44+25 TO STA 46+42)

\*\* INTERMITTENT PLACEMENT



**BURLINGTON AVENUE**  
(STA. 46+42 TO FOREST AVENUE)  
(STA 46+42 TO STA 48+00)

\*\* INTERMITTENT PLACEMENT



**BURLINGTON AVENUE**  
(FOREST AVENUE TO GROVE AVENUE)  
(STA 48+00 TO STA 52+17)

\*\* INTERMITTENT PLACEMENT

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
<b>HOT-MIX ASPHALT SURFACING - BUTT JOINT</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
<b>INCIDENTAL HOT-MIX ASPHALT SURFACING - HMA DRIVEWAYS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 3" (2 LIFTS) (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
<b>PAVEMENT RECONSTRUCTION</b>		
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, 4"	4% @ 50 Gyr.	LR 1030-2
<b>PAVEMENT RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 Gyr.	LR 1030-2
<b>TEMPORARY PATCHING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL 9.5 MM)	4% @ 50 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA) PER LR1030-2.		

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.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE: HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5" AND HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4".



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PROPOSED TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	15
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

E.H.E. PROJECT NO. 125-22-25201

**SCHEDULE OF QUANTITIES**

DUBOIS BOULEVARD (ODGEN AVENUE - BURLINGTON AVENUE)							
STATION	CUT		NON-SPECIAL WASTE		FILL		
	AREA (SF)	VOLUME (CF)	AREA (SF)	VOLUME (CF)	AREA (SF)	VOLUME (CF)	
155	42.5	1,652.3	42.5	1,652.3	0.1	10.3	
196	38.1	2,043.9	38.1	0.0	0.4	13.5	
250	37.6	2,212.5	0.0	0.0	0.1	2.5	
300	50.9	2,427.5	0.0	0.0	0.0	0.0	
350	46.2	2,317.5	0.0	0.0	0.0	0.0	
400	46.5	2,022.5	0.0	0.0	0.0	7.5	
450	34.4	758.8	0.0	0.0	0.3	20.0	
475	26.3	529.2	0.0	0.0	1.3	44.1	
496	24.1	491.0	24.1	491.0	2.9	57.0	
516	25.0	1,038.7	25.0	0.0	2.8	214.2	
550	36.1	6,100.0	0.0	0.0	9.8	490.0	
600	37.7	6,670.0	0.0	0.0	7.4	370.0	
650	85.9	4,540.0	0.0	0.0	0.0	0.0	
700	95.7	4,320.0	0.0	0.0	0.0	0.0	
750	77.1	2,721.3	0.0	0.0	0.0	0.0	
785	78.4		0.0	0.0	0.0	0.0	
BRICK PLAZA		2,000.0		0.0		0.0	
<b>SUM</b>		<b>41,845.1</b>	<b>CF</b>	<b>2,143.3</b>	<b>CF</b>	<b>1,229.1</b>	<b>CF</b>
		<b>1,549.8</b>	<b>CY</b>	<b>79.4</b>	<b>CY</b>	<b>45.5</b>	<b>CY</b>

BURLINGTON AVENUE (MAPLE AVENUE - PRAIRIE AVENUE)						
STATION	CUT		NON-SPECIAL WASTE		FILL	
	AREA (SF)	VOLUME (CF)	AREA (SF)	VOLUME (CF)	AREA (SF)	VOLUME (CF)
2430	30.5	506.0	0.0	0.0	0.0	3.0
2450	20.1	1,145.0	0.0	0.0	0.3	10.0
2500	25.7	431.0	0.0	0.0	0.1	2.6
2517	25.0	382.5	25.0	382.5	0.2	3.0
2532	26.0	480.6	26.0	0.0	0.2	2.7
2550	27.4	1,597.5	0.0	0.0	0.1	2.5
2600	36.5	1,797.5	0.0	0.0	0.0	0.0
2650	35.4	1,677.5	0.0	0.0	0.0	7.5
2700	31.7	1,610.0	0.0	0.0	0.3	15.0
2750	32.7	1,577.5	0.0	0.0	0.3	15.0
2800	30.4	1,452.5	0.0	0.0	0.3	10.0
2850	27.7	605.0	0.0	0.0	0.1	8.8
2875	20.7	557.5	0.0	0.0	0.6	10.0
2900	23.9	1,287.5	0.0	0.0	0.2	7.5
2950	27.6	1,505.0	0.0	0.0	0.1	5.0
3000	32.6	1,570.0	0.0	0.0	0.1	7.5
3050	30.2	1,375.0	0.0	0.0	0.2	10.0
3100	24.8	1,112.5	0.0	0.0	0.2	22.5
3150	19.7	985.0	0.0	0.0	0.7	25.0
3200	19.7	1,082.5	0.0	0.0	0.3	10.0
3250	23.6	1,322.5	0.0	0.0	0.1	5.0
3300	29.3	381.6	0.0	0.0	0.1	1.3
3313	29.4	1,230.3	0.0	0.0	0.1	3.7
3350	37.1	1,630.0	0.0	0.0	0.1	7.5

3400	28.1	1,325.0	0.0	0.0	0.2	7.5	
3450	24.9	1,170.0	0.0	0.0	0.1	5.0	
3500	21.9	985.0	0.0	0.0	0.1	25.0	
3550	17.5	1,132.5	0.0	0.0	0.9	22.5	
3600	27.8	1,597.5	0.0	0.0	0.0	0.0	
3650	36.1	3,970.0	0.0	0.0	0.0	0.0	
3700	122.7	5,042.5	0.0	0.0	0.0	0.0	
3750	79.0	3,577.5	0.0	0.0	0.0	2.5	
3800	64.1	3,000.0	0.0	0.0	0.1	7.5	
3850	55.9	2,857.5	0.0	0.0	0.2	7.5	
3881	57.8	4,537.5	57.8	1,103.9	0.1	7.5	
3900	58.4	3,404.8	58.4	3,404.8	0.1	5.6	
3956	63.2	2,864.4	63.2	0.0	0.1	4.4	
4000	67.0	3,245.0	0.0	0.0	0.1	5.0	
4050	62.8	3,370.0	0.0	0.0	0.1	2.5	
4100	72.0	3,532.5	0.0	0.0	0.0	0.0	
4150	69.3	3,622.5	0.0	0.0	0.0	0.0	
4200	75.6	3,652.5	0.0	0.0	0.0	0.0	
4250	70.5	3,197.5	0.0	0.0	0.0	0.0	
4300	57.4	793.1	0.0	0.0	0.0	0.0	
4314	55.9	557.0	54.8	548.0	0.0	0.0	
4324	55.5	1,394.9	54.8	0.0	0.0	0.0	
4350	51.8	2,445.0	0.0	0.0	0.0	0.0	
4400	46.0		0.0	0.0	0.0	0.0	
<b>INTERSECTIONS</b>		<b>6,172.2</b>		<b>0.0</b>		<b>3,102.3</b>	
<b>SUM</b>		<b>94,748.3</b>	<b>CF</b>	<b>5,439.2</b>	<b>CF</b>	<b>3,399.8</b>	<b>CF</b>
		<b>3,509.2</b>	<b>CY</b>	<b>201.5</b>	<b>CY</b>	<b>125.9</b>	<b>CY</b>

EARTHWORK SUMMARY					
	EMBANKMENT (CY)	EARTH EXCAVATION (CY)	EXCAVATION USED AS EMBANKMENT (ADJUSTED FOR 15% SHRINKAGE)	EARTHWORK BALANCE WASTE (+), SHORTAGE (-)	NON-SPECIAL WASTE*
DUBOIS (ODGEN-BURLINGTON)	45.5	1,549.8	52.3	1,497.5	79.4
BURLINGTON (MAPLE-PRAIRIE)	125.9	3,509.2	144.8	3,364.4	201.5
<b>TOTAL</b>	<b>171.4</b>	<b>5,059.0</b>	<b>197.2</b>	<b>4,861.9</b>	<b>498.5</b>

\*217.7CY OF NON-SPECIAL WASTE FROM COMBINED SEWER, STORM SEWER AND DRAINAGE STRUCTURE EXCAVATION

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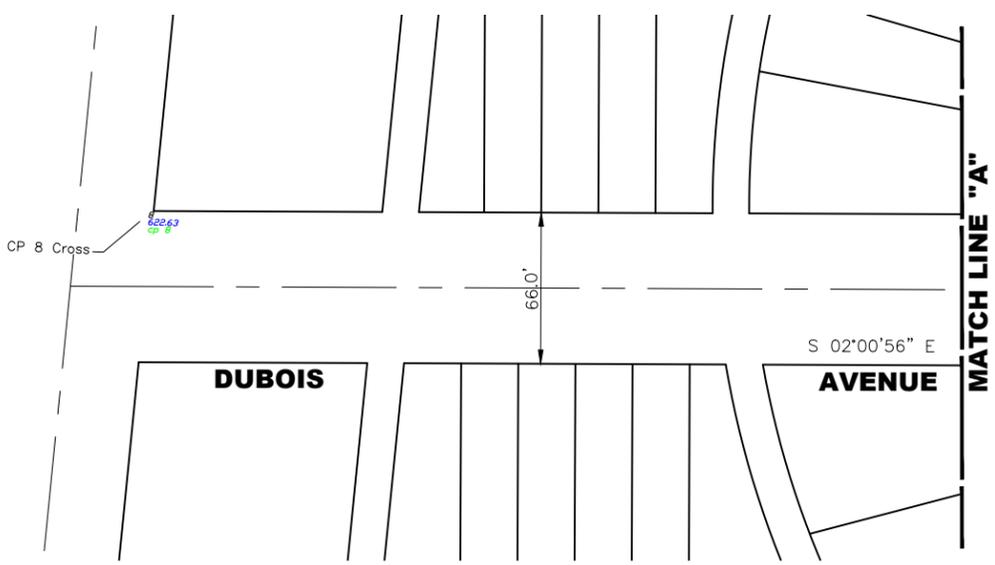
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CHECKED -	<b>XXX</b>	REVISED -	
DATE -	<b>8-7-23</b>	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EARTHWORK QUANTITIES**

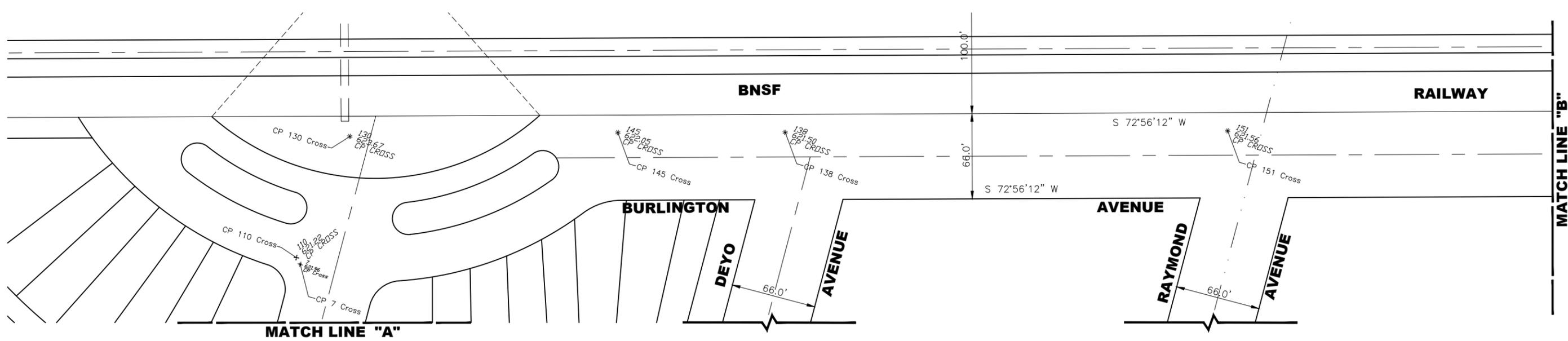
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	16
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**BENCHMARKS**  
DATUM IS NAVD 88

B.M. NO.	DESCRIPTION	ELEVATION
1	ARROW BOLT ON F.H. AT STA. 5+25	625.24
2	ENE BONNET BOLT ON F.H. AT STA. 8+95	624.80
3	BONNET BOLT ON F.H. AT STA. 12+30	625.19
4	WSW FLANGE BOLT ON F.H. AT STA. 15+85	623.85
5	WNW BONNET BOLT ON F.H. AT STA. 19+30	624.51
6	N BONNET BOLT ON F.H. AT STA. 22+85	625.05
7	ARROW BOLT ON F.H. AT STA. 26+20	622.65
8	ARROW BOLT ON F.H. AT STA. 29+75	621.82
9	ARROW BOLT ON F.H. AT STA. 33+20	621.65
10	ARROW BOLT ON F.H. AT STA. 36+65	622.27
11	SSE FLANGE BOLT ON F.H. AT STA. 39+85	620.98
12	WNW FLANGE BOLT ON F.H. AT STA. 44+05	620.80
13	ARROW BOLT ON F.H. AT STA. 47+60	620.41
14	ARROW BOLT ON F.H. AT STA. 51+40	617.76



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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

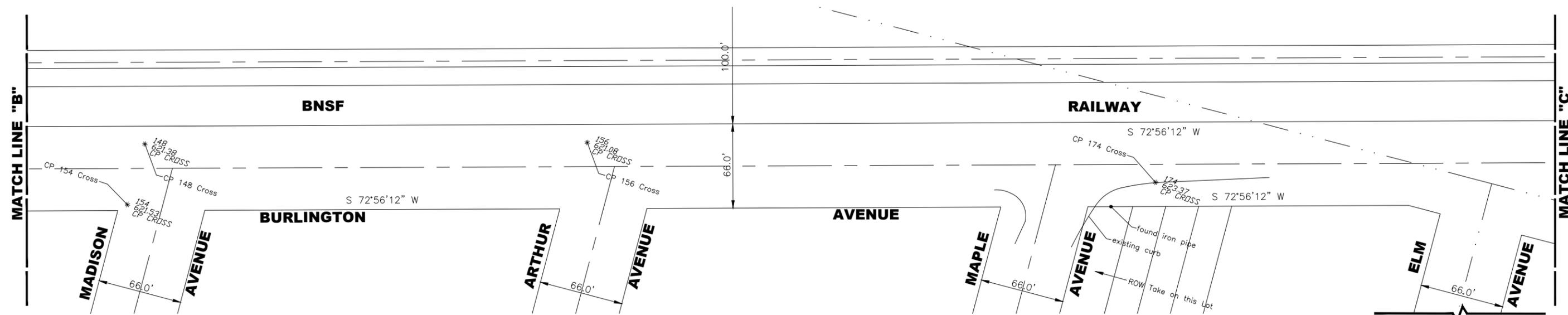
**ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1" = 40'    SHEET NO. 1 OF 3 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	17
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

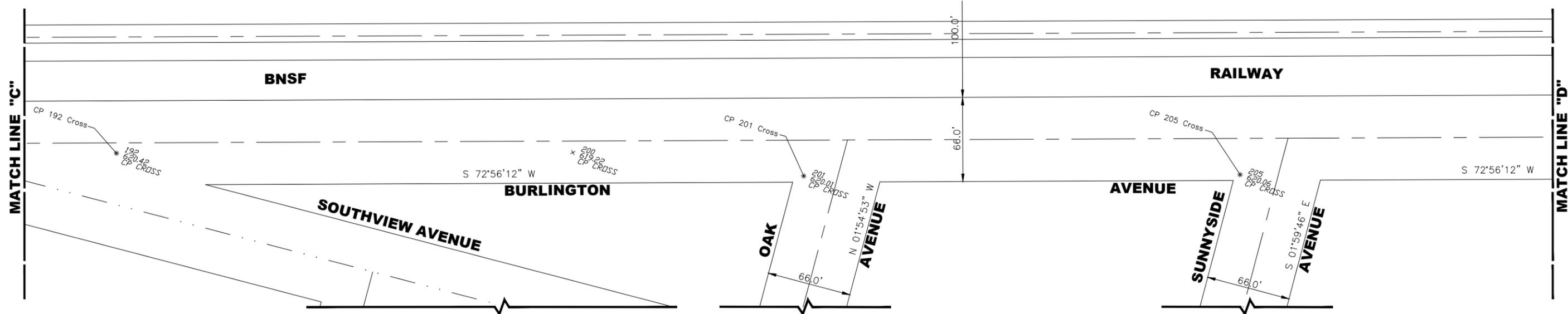
E.U.E. PROJECT NO. 12E-22-2504

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase II\Surveyor\Burlington Surveyor Control 1.dwg Aug 07, 2023 - 11:15am



**BENCHMARKS**  
DATUM IS NAVD 88

B.M. NO.	DESCRIPTION	ELEVATION
1	ARROW BOLT ON F.H. AT STA. 5+25	625.24
2	ENE BONNET BOLT ON F.H. AT STA. 8+95	624.80
3	BONNET BOLT ON F.H. AT STA. 12+30	625.19
4	WSW FLANGE BOLT ON F.H. AT STA. 15+85	623.85
5	WNW BONNET BOLT ON F.H. AT STA. 19+30	624.51
6	N BONNET BOLT ON F.H. AT STA. 22+85	625.05
7	ARROW BOLT ON F.H. AT STA. 26+20	622.65
8	ARROW BOLT ON F.H. AT STA. 29+75	621.82
9	ARROW BOLT ON F.H. AT STA. 33+20	621.65
10	ARROW BOLT ON F.H. AT STA. 36+65	622.27
11	SSE FLANGE BOLT ON F.H. AT STA. 39+85	620.98
12	WNW FLANGE BOLT ON F.H. AT STA. 44+05	620.80
13	ARROW BOLT ON F.H. AT STA. 47+60	620.41
14	ARROW BOLT ON F.H. AT STA. 51+40	617.76



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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

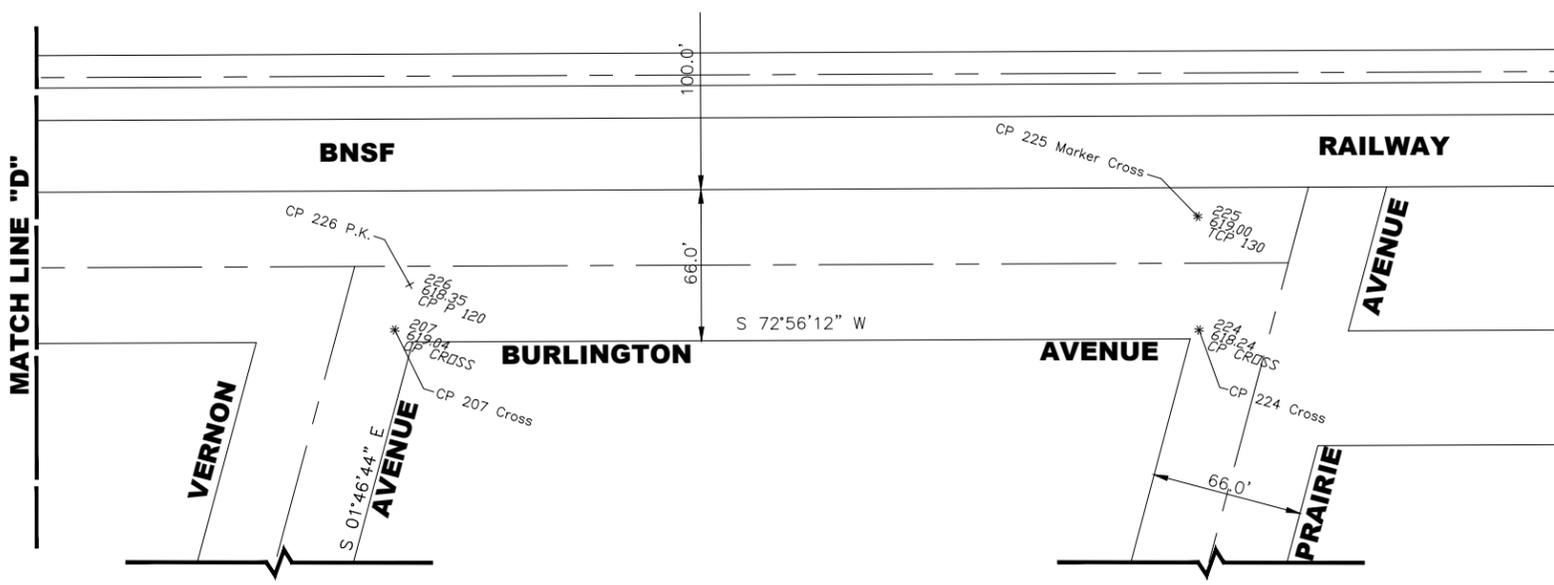
**ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1" = 40'    SHEET NO. 2 OF 3 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	18
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

E.U.E. PROJECT NO. 12E-22-2504

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase II\Surveyor\Burlington Surveyor Control 1.dwg Aug 07, 2023 - 11:15am



**BENCHMARKS**  
DATUM IS NAVD 88

B.M. NO.	DESCRIPTION	ELEVATION
1	ARROW BOLT ON F.H. AT STA. 5+25	625.24
2	ENE BONNET BOLT ON F.H. AT STA. 8+95	624.80
3	BONNET BOLT ON F.H. AT STA. 12+30	625.19
4	WSW FLANGE BOLT ON F.H. AT STA. 15+85	623.85
5	WNW BONNET BOLT ON F.H. AT STA. 19+30	624.51
6	N BONNET BOLT ON F.H. AT STA. 22+85	625.05
7	ARROW BOLT ON F.H. AT STA. 26+20	622.65
8	ARROW BOLT ON F.H. AT STA. 29+75	621.82
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12	WNW FLANGE BOLT ON F.H. AT STA. 44+05	620.80
13	ARROW BOLT ON F.H. AT STA. 47+60	620.41
14	ARROW BOLT ON F.H. AT STA. 51+40	617.76

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DATE -	8-7-23	REVISED -	

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**ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: 1" = 40'    SHEET NO. 3 OF 3 SHEETS    STA.    TO STA.

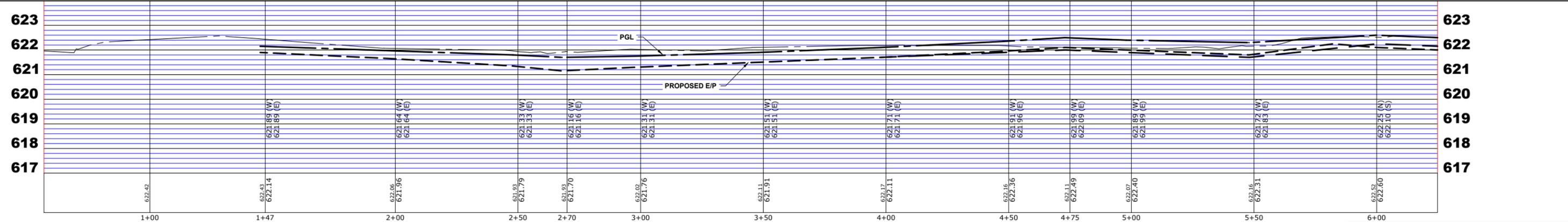
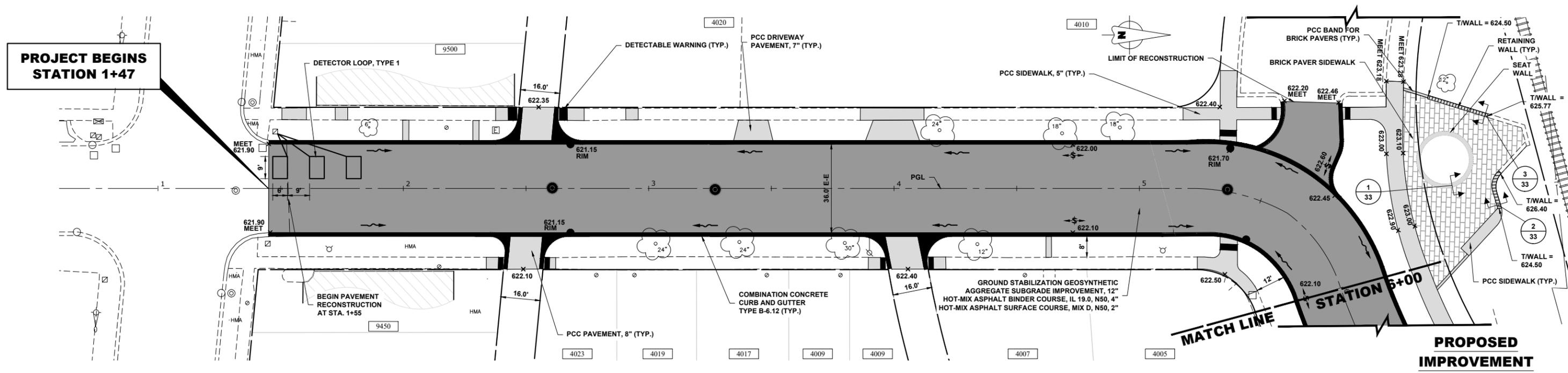
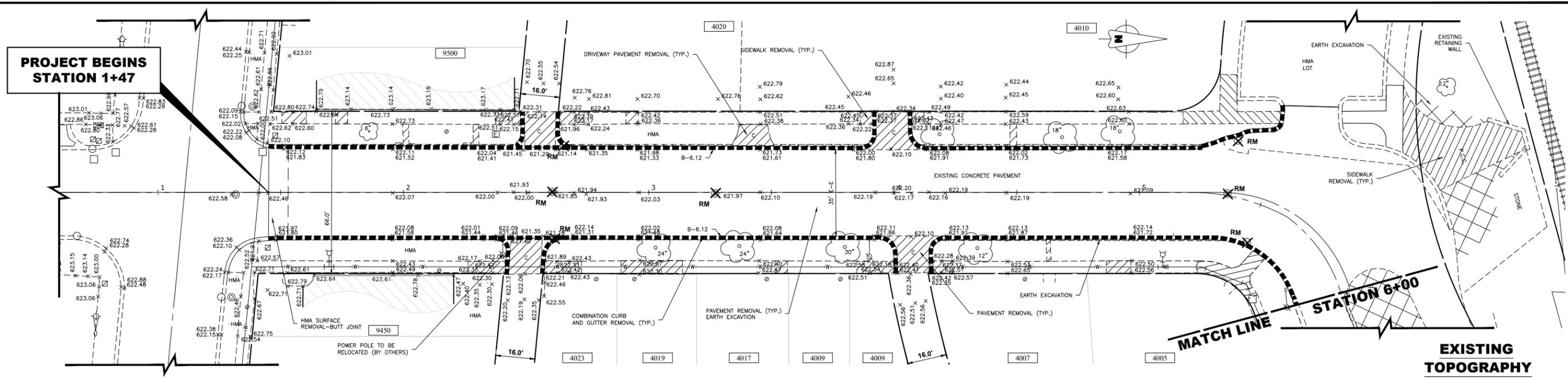
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	19

FIELD BOOK NO. :    CONTRACT NO. 61J89

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

E.U.E. PROJECT NO. 12E-22-2504

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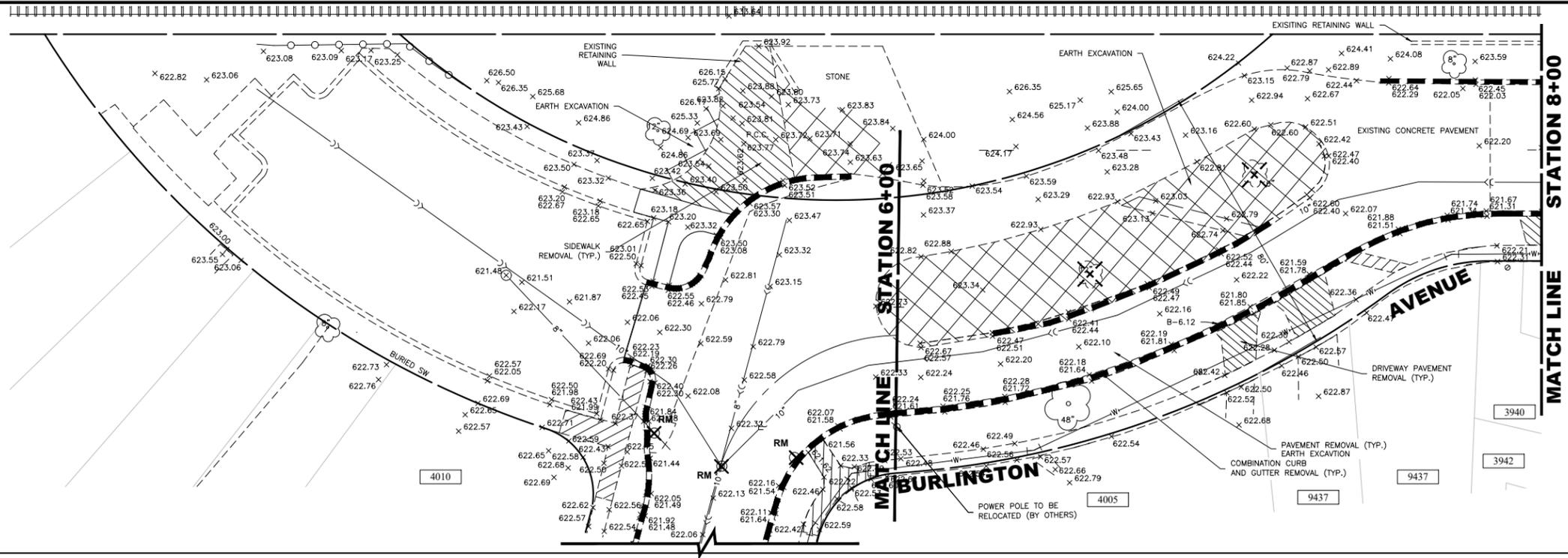
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

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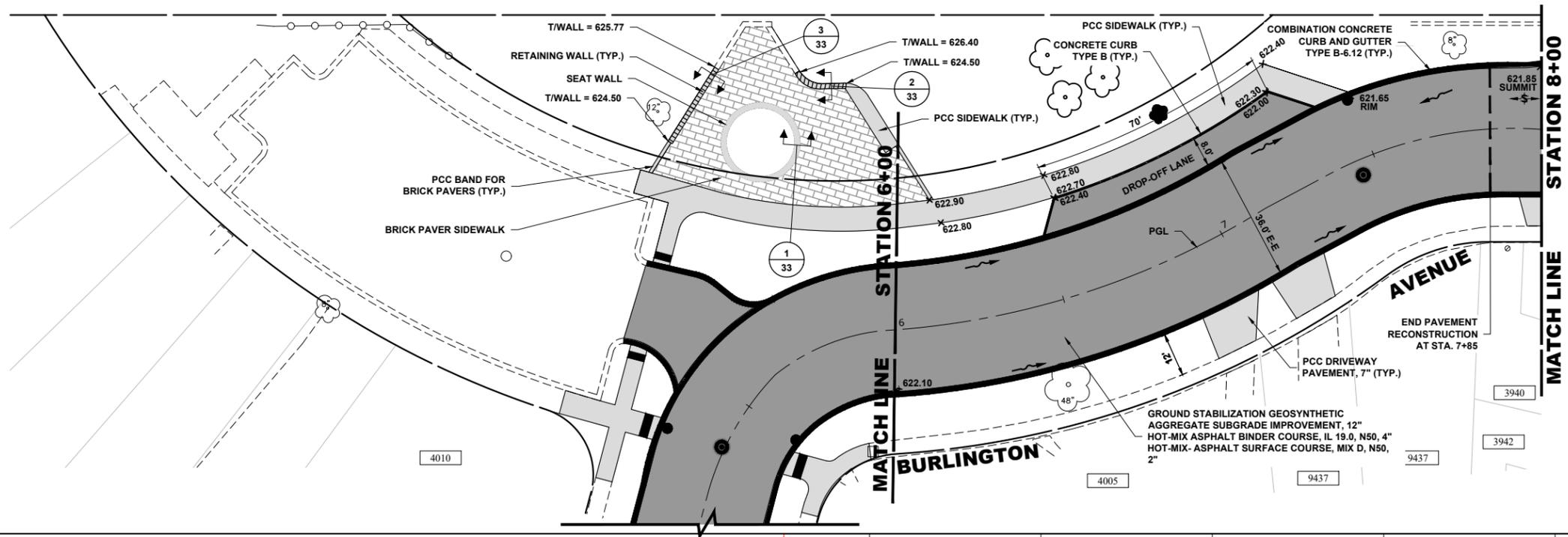
**DUBOIS BOULEVARD  
 PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2'    SHEET NO. 1 OF 12 SHEETS    STA. 1+00 TO STA. 6+00

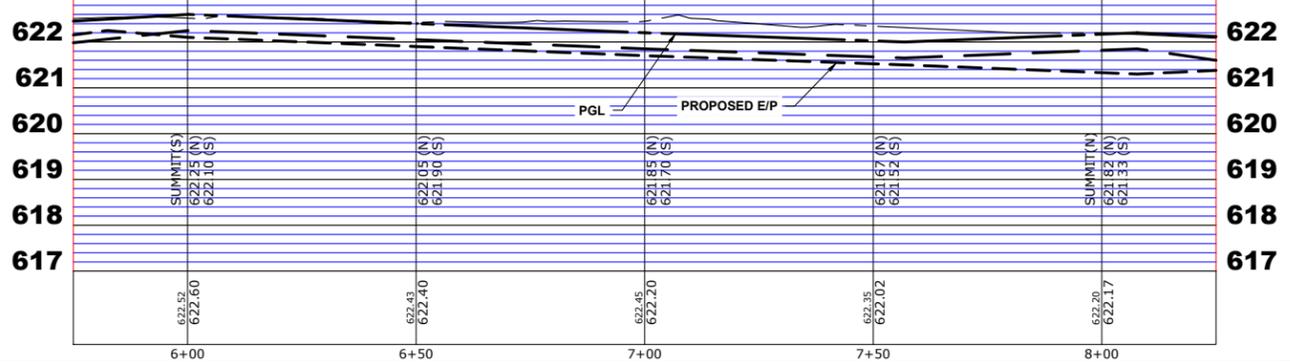
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-PP	COOK	107	20
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



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**PROPOSED IMPROVEMENT**



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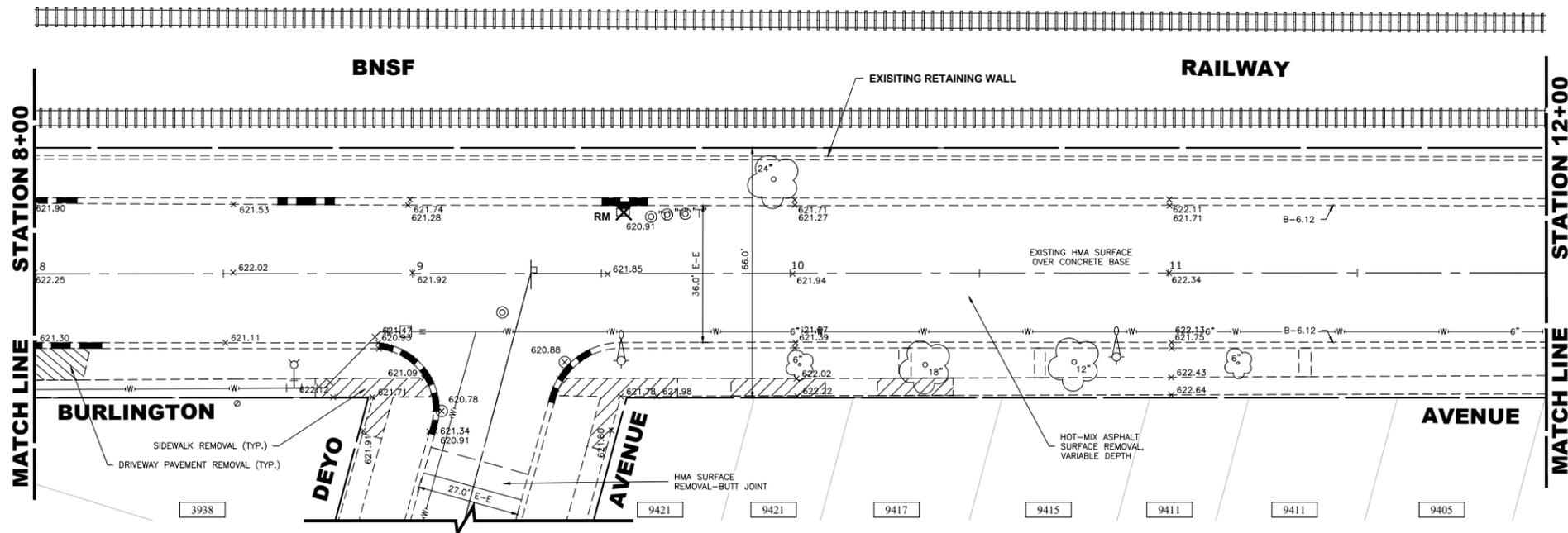
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

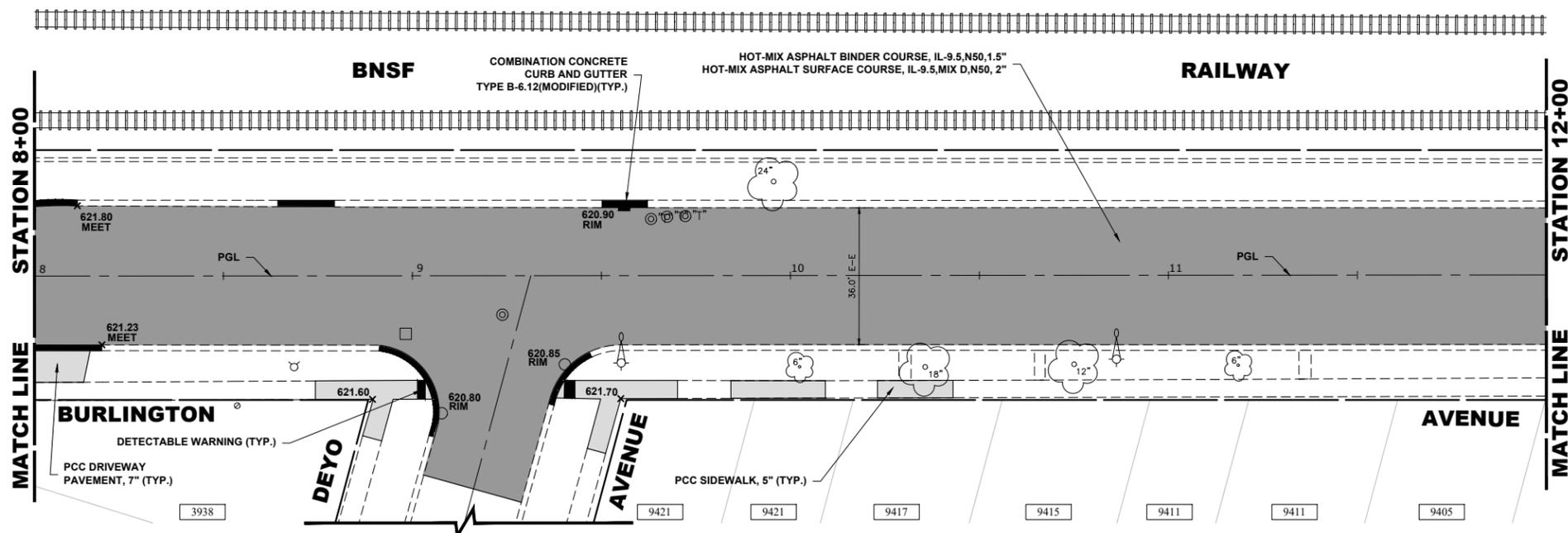
**STATE OF ILLINOIS  
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**BURLINGTON AVENUE  
 PAVING PLAN AND PROFILE**  
 SCALE: H:1"=20', V:1"=2' SHEET NO. 2 OF 12 SHEETS STA. 6+00 TO STA. 8+00

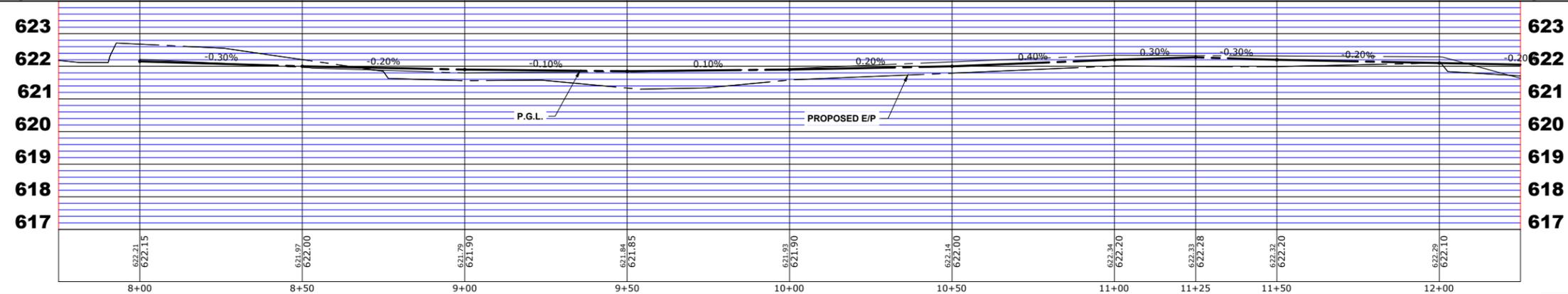
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0655	20-00133-00-FP	COOK	107	21
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



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**PROPOSED IMPROVEMENT**



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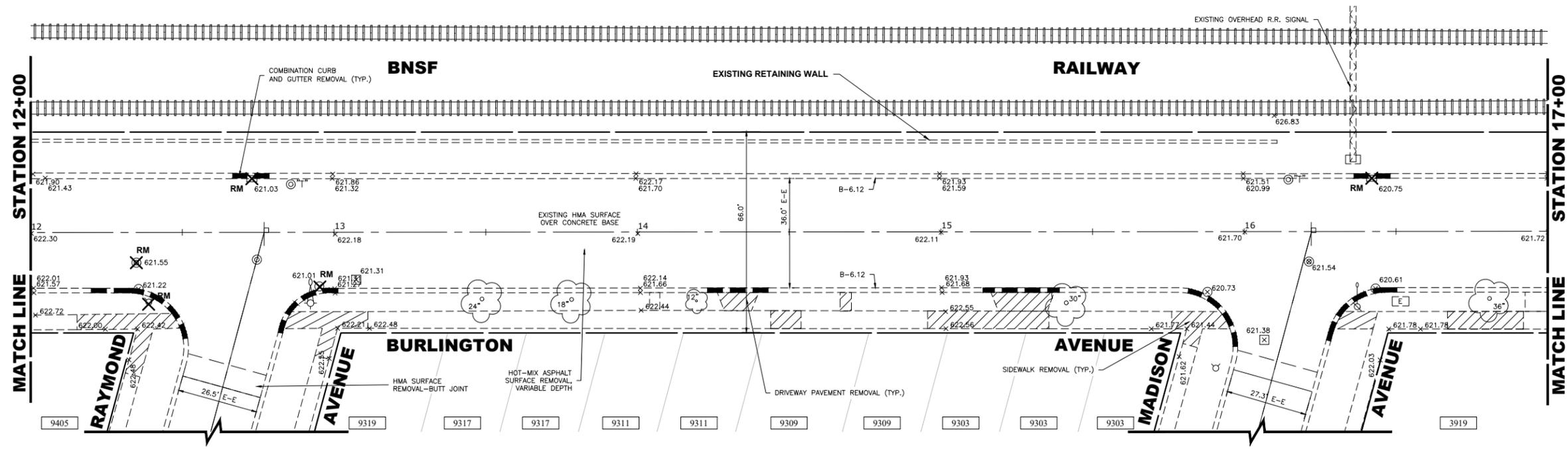
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DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
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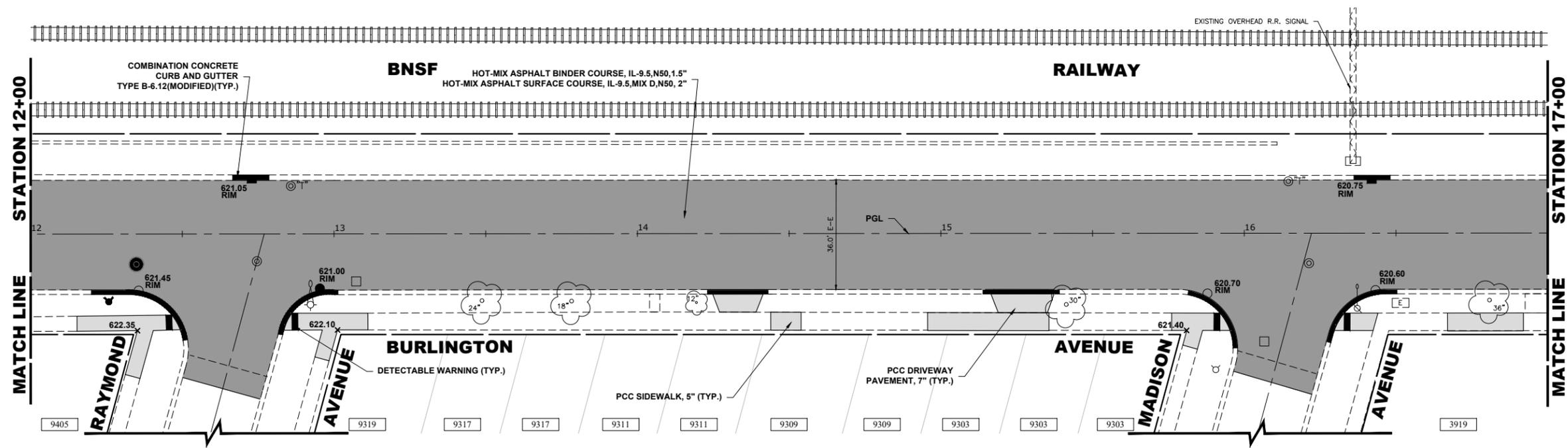
**BURLINGTON AVENUE  
 PAVING PLAN AND PROFILE**

SCALE: 1"=20', V:1"=2' SHEET NO. 3 OF 12 SHEETS STA. 8+00 TO STA. 12+00

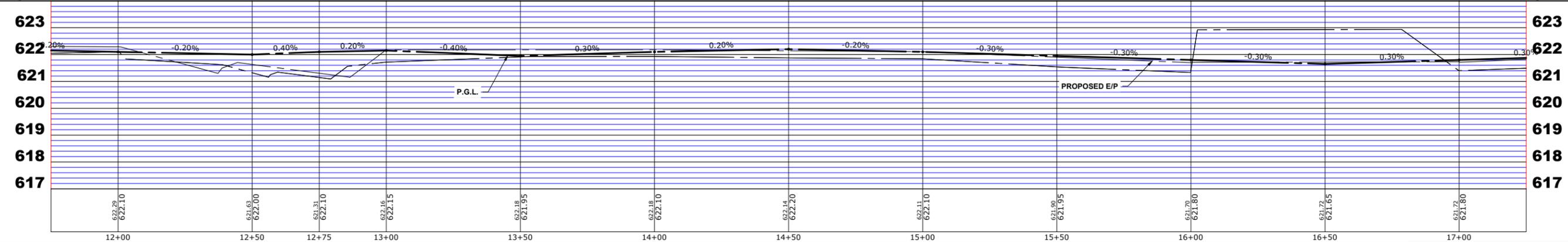
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0655	20-00133-00-FP	COOK	107	22
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**



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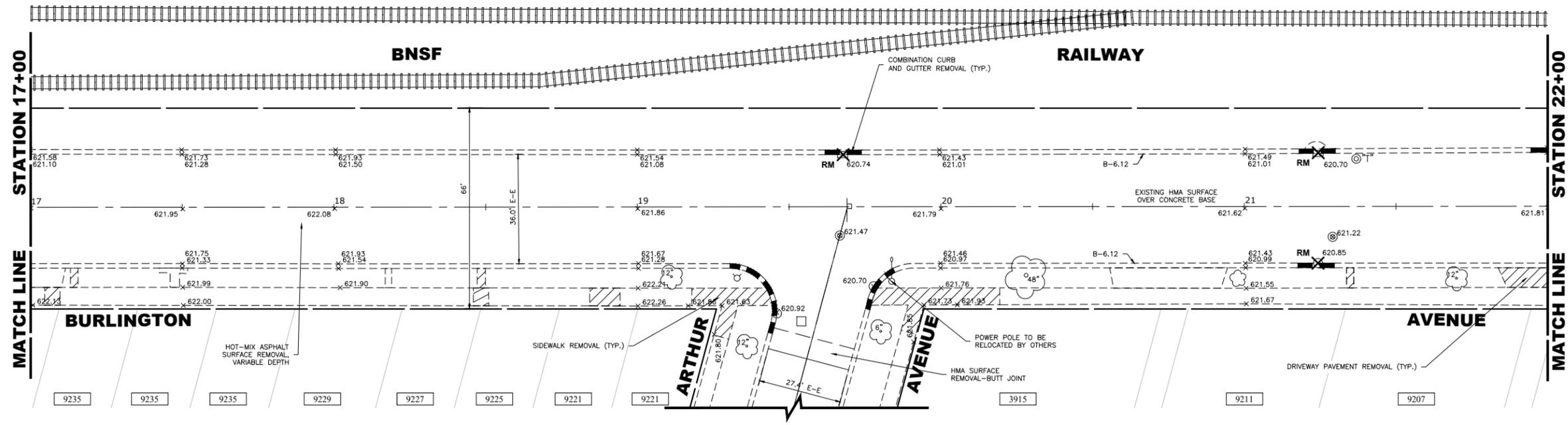
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

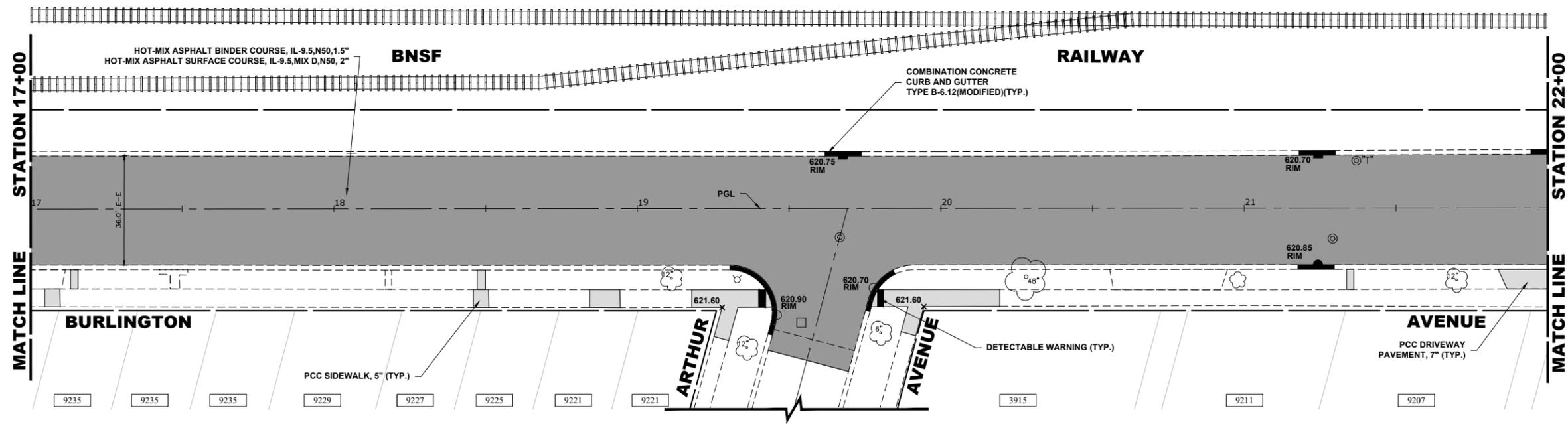
**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2'    SHEET NO. 4 OF 12 SHEETS    STA. 12+00 TO STA. 17+00

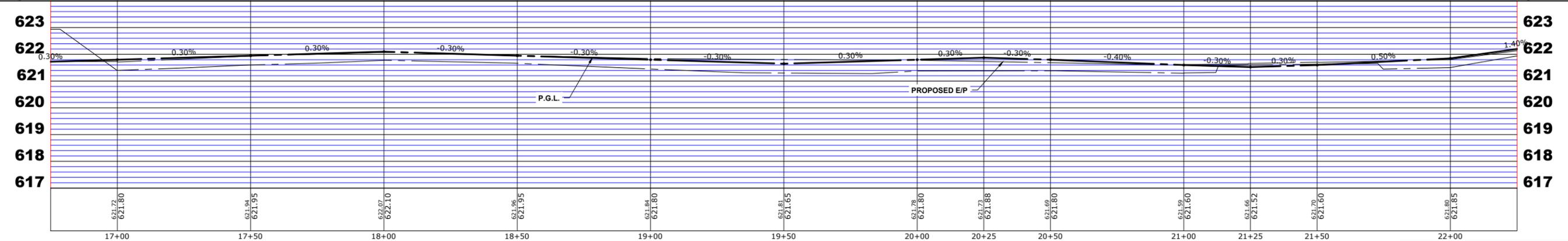
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	23
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS		FED. AID PROJECT		



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**



Drawing file: W:\Projects\_by\_village\Brookfield\25222552 - Burlington Ave Phase 1\BF\_Site\Burlington Topo 1.dwg Aug 08, 2023 - 12:24pm

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DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

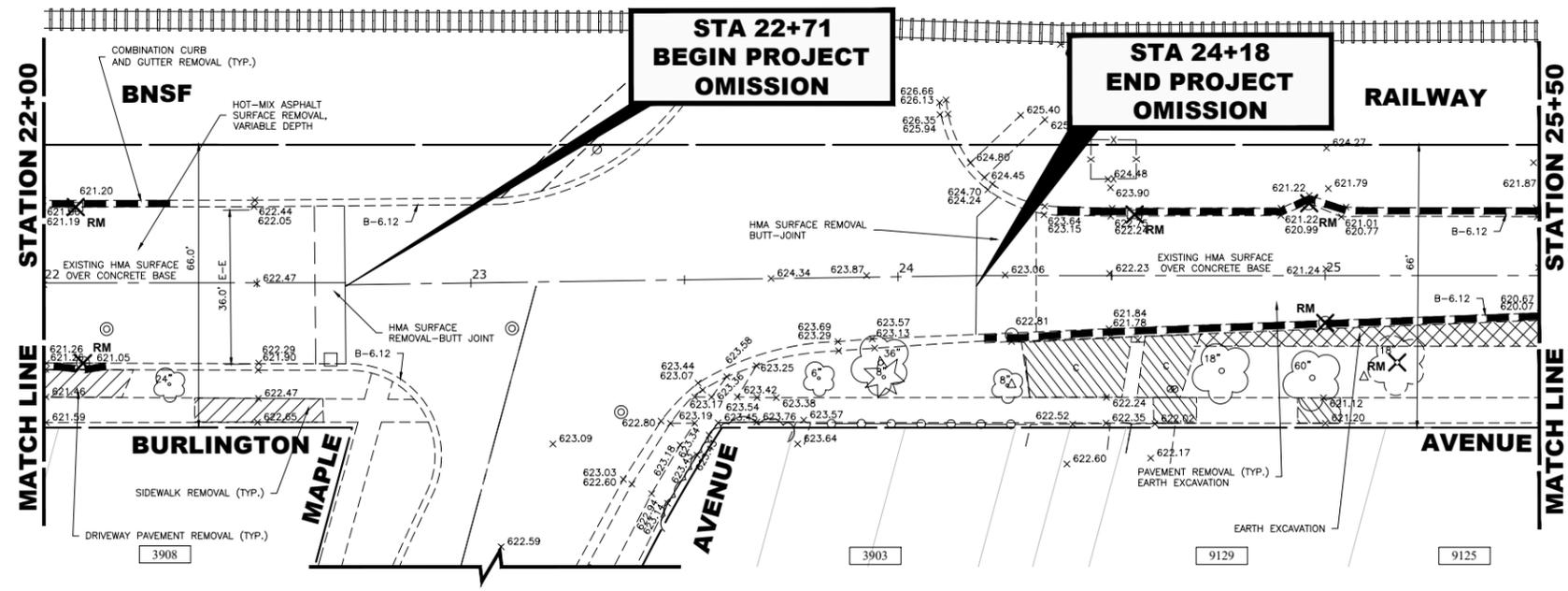
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

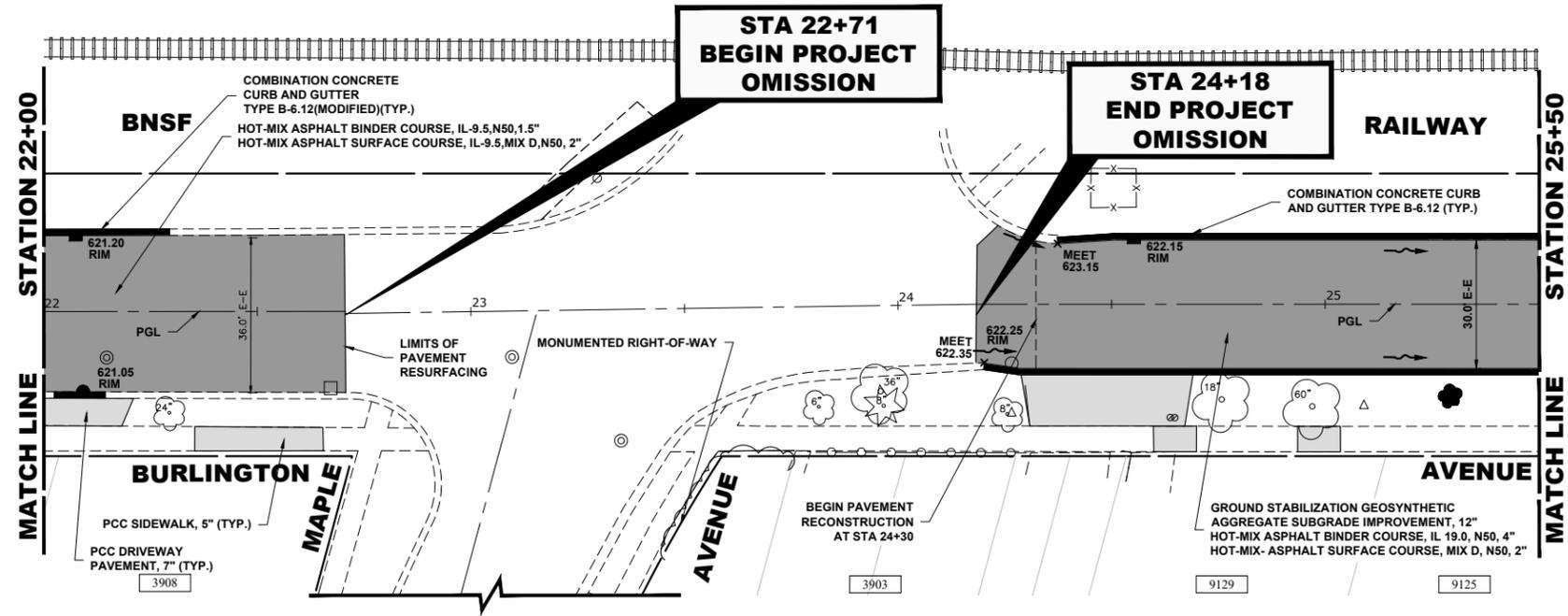
SCALE: 1"=20', V:1"=2' SHEET NO. 5 OF 12 SHEETS STA. 17+00 TO STA. 22+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	24
FIELD BOOK NO. : 20-00133-00-FP		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

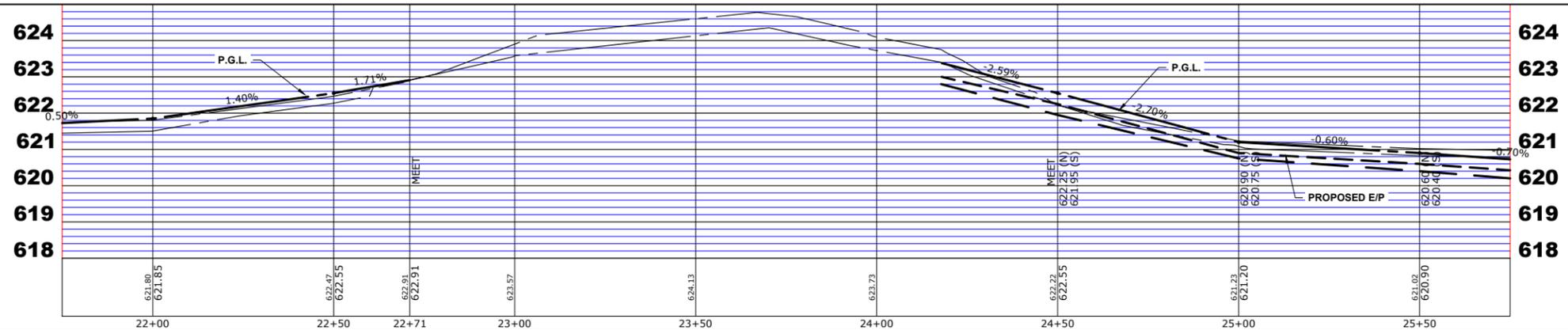
E.H.E. PROJECT NO. 125-22-25201



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**



Drawing file: W:\Projects\_by\_village\Brookfield\2522252 - Burlington Ave Phase I\BF\_Site\Burlington Topo 1.dwg Aug 08, 2023 - 12:24pm

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DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

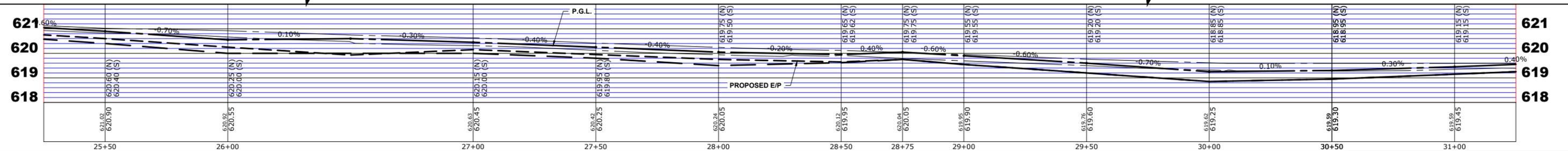
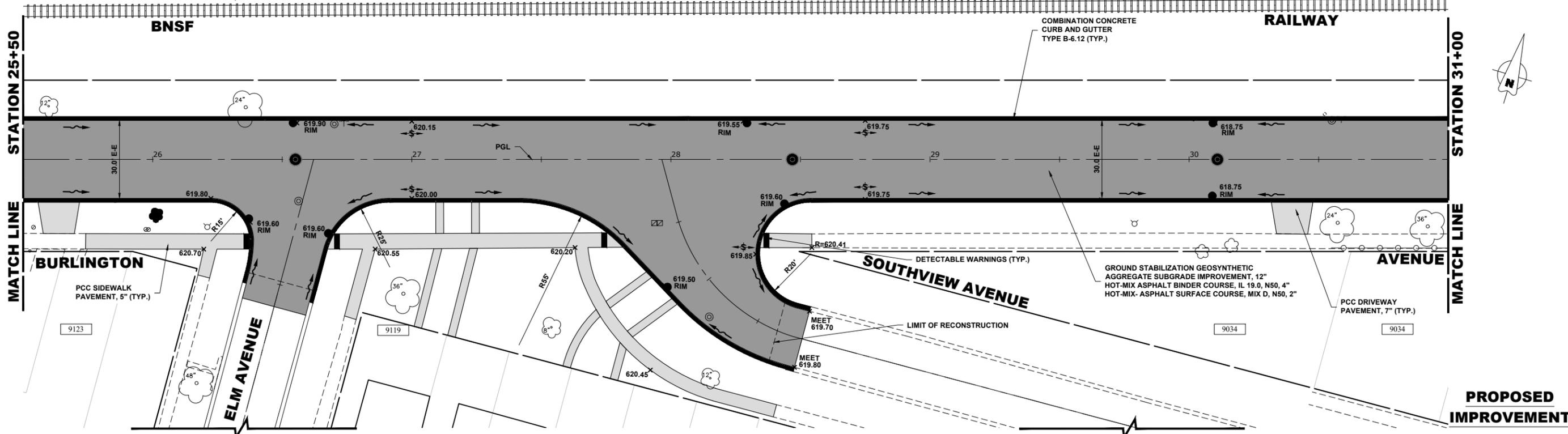
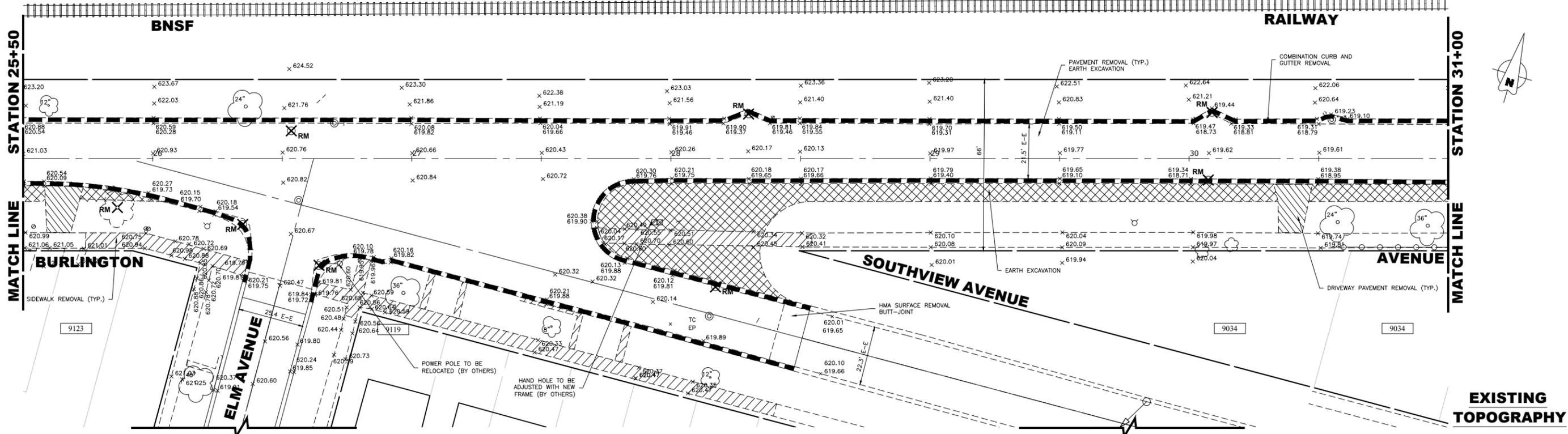
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2' SHEET NO. 6 OF 12 SHEETS STA. 22+00 TO STA. 25+50

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 25
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\_by\_Village\Brookfield\25222552 - Burlington Ave Phase 1\BF\_Site\Burlington Topo 1.dwg Aug 08, 2023 - 12:24pm



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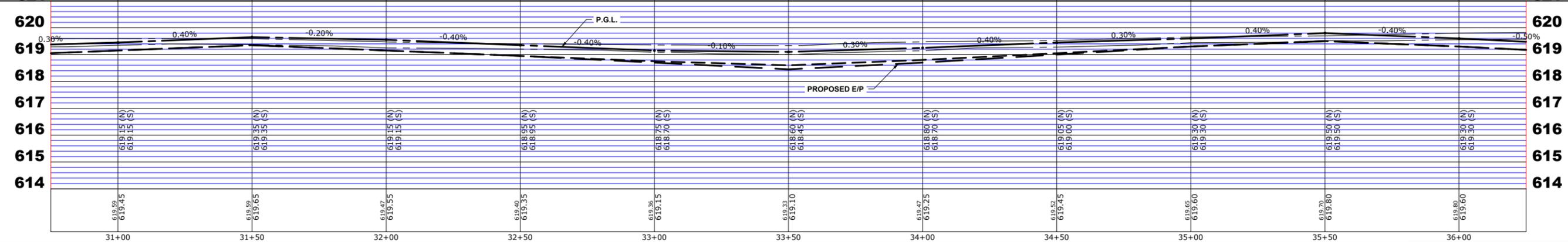
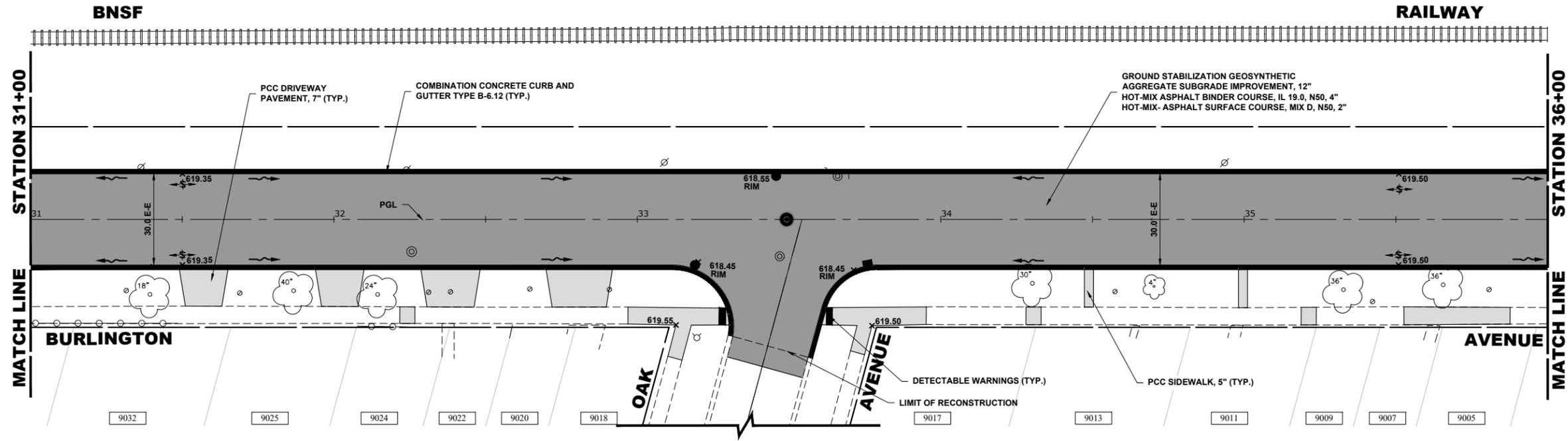
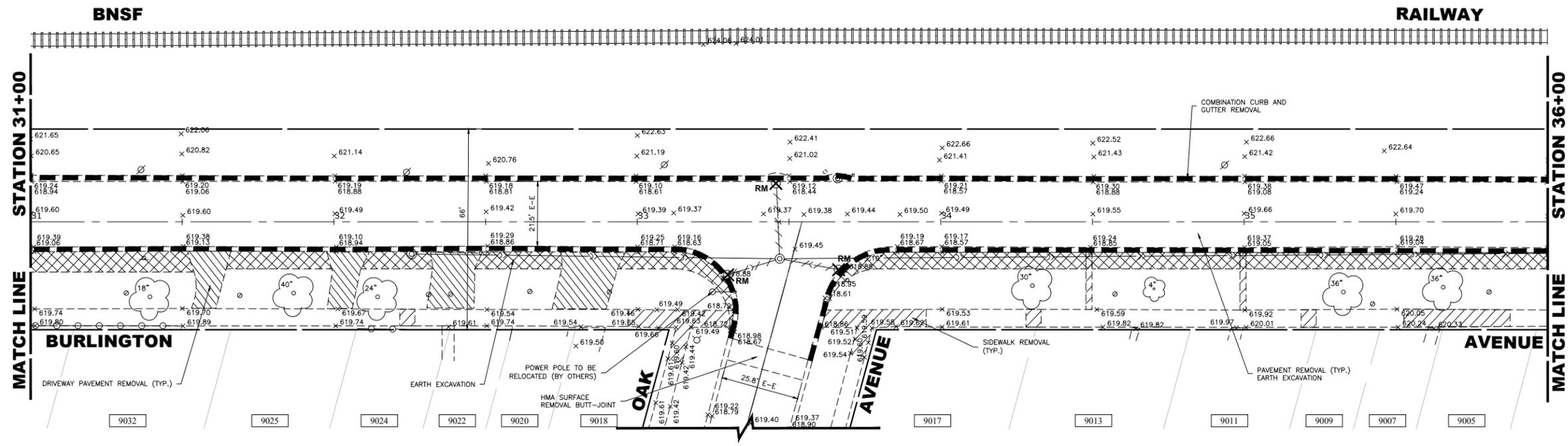
DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
 PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2' SHEET NO. 7 OF 12 SHEETS STA. 25+50 TO STA. 31+00

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 26
FIELD BOOK NO. 20-00133-00-FP		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



Drawing file: W:\Projects\_by\_village\Brookfield\2522252 - Burlington Ave Phase 1\BF\_Site\Burlington Topo 1.dwg Aug 08, 2023 - 12:24pm

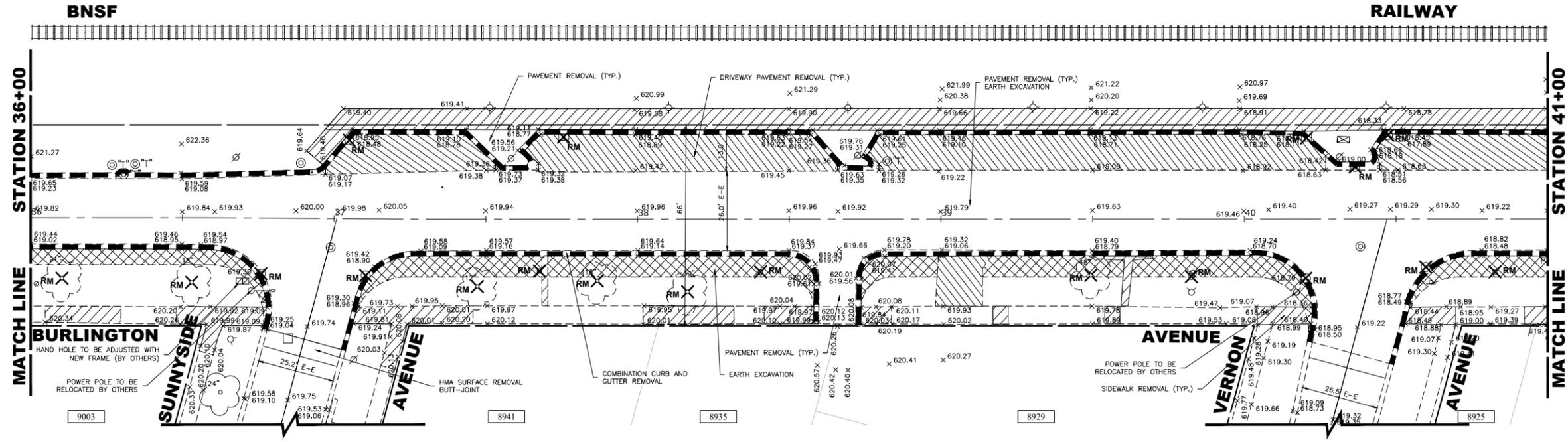
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

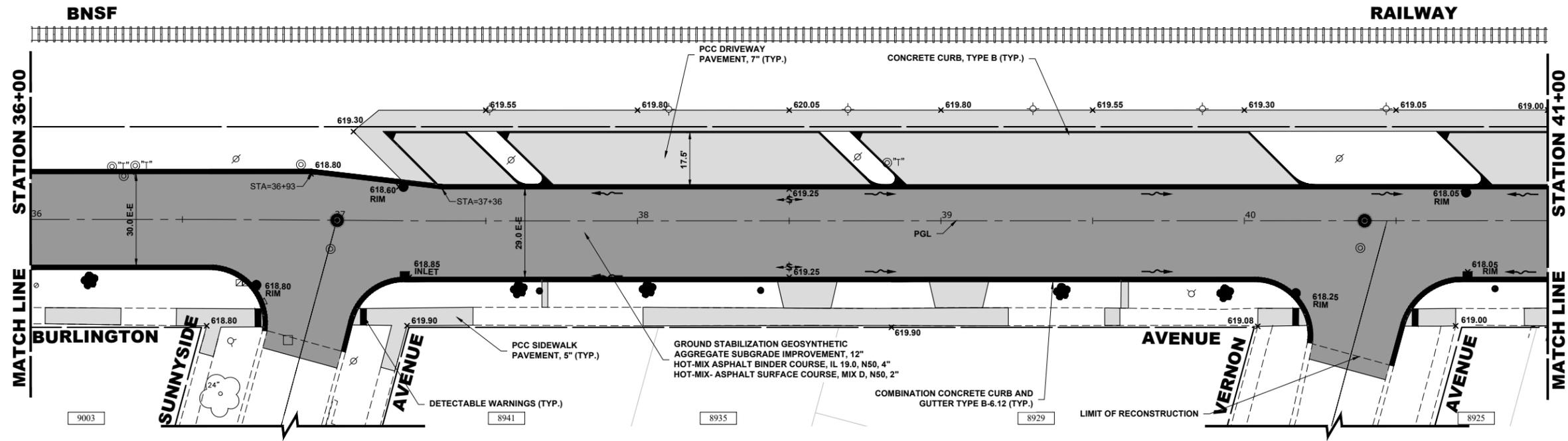
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

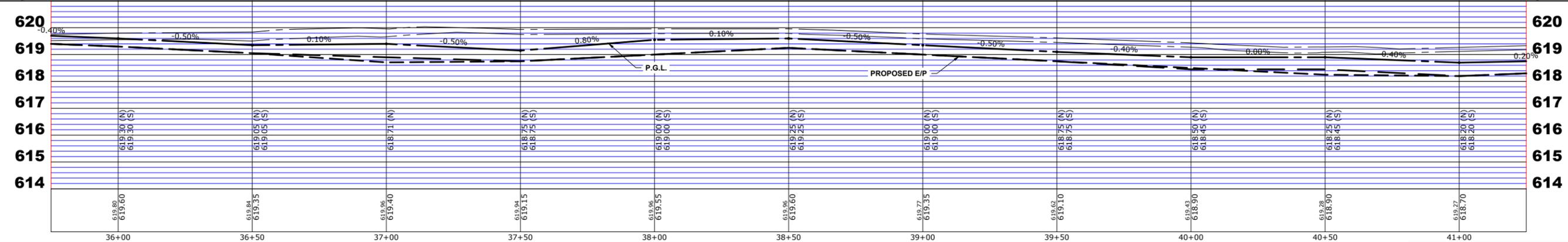
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	27
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**



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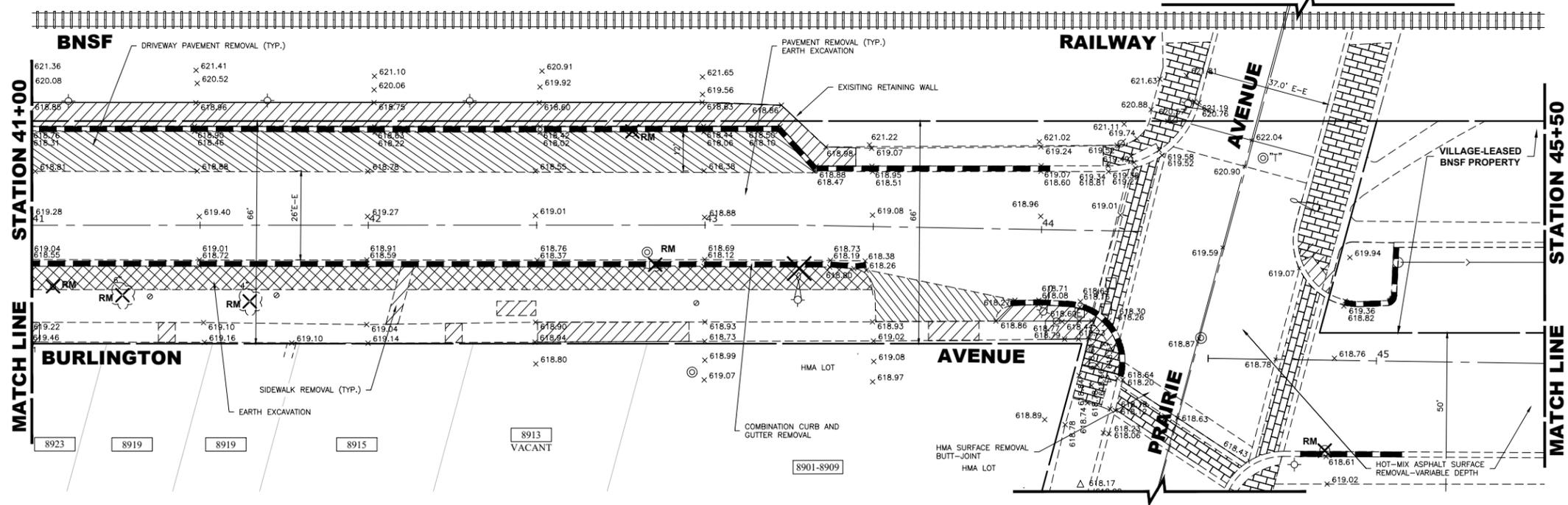
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

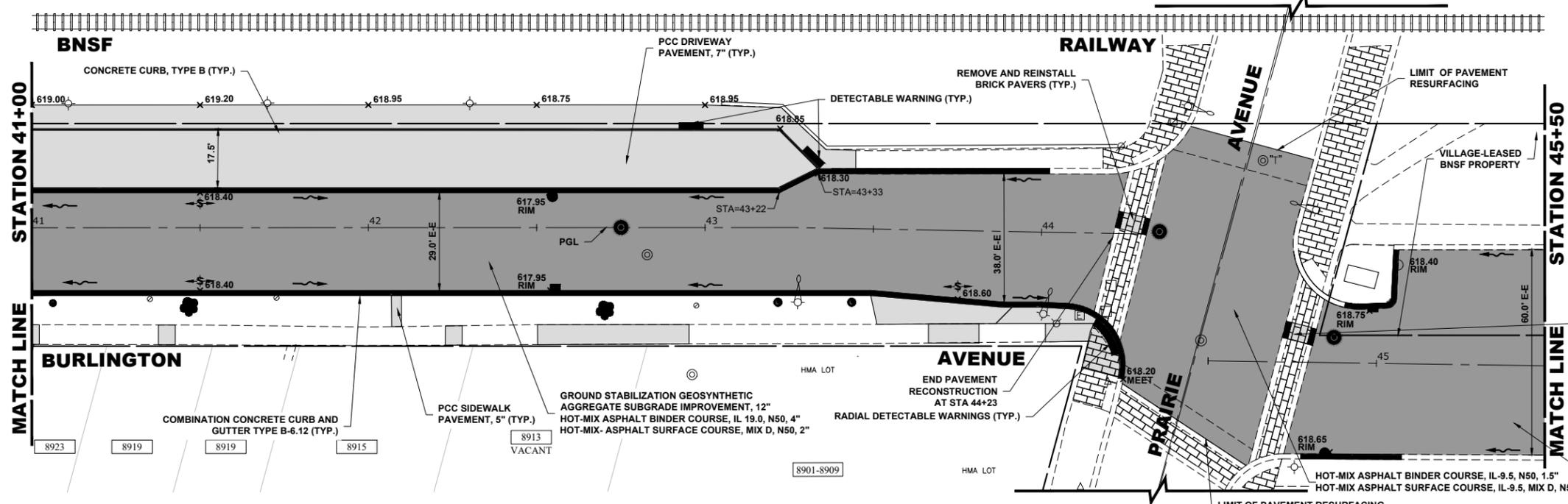
**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

SCALE: 1"=20', V:1"=2' SHEET NO. 9 OF 12 SHEETS STA. 36+00 TO STA. 41+00

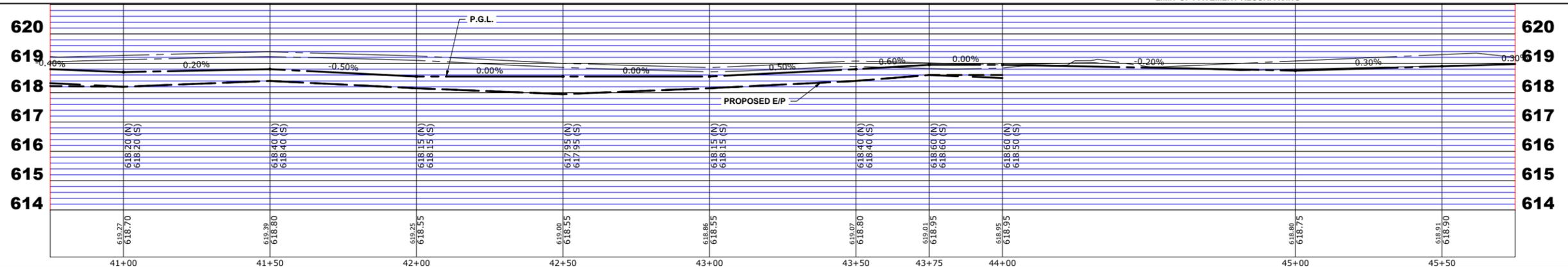
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	28
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**EXISTING TOPOGRAPHY**



**PROPOSED IMPROVEMENT**



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CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

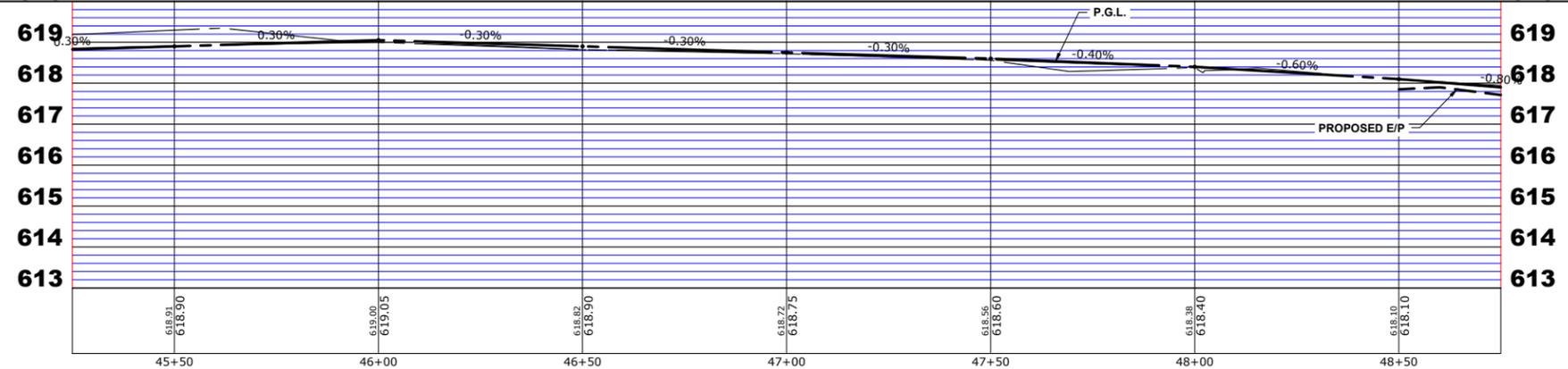
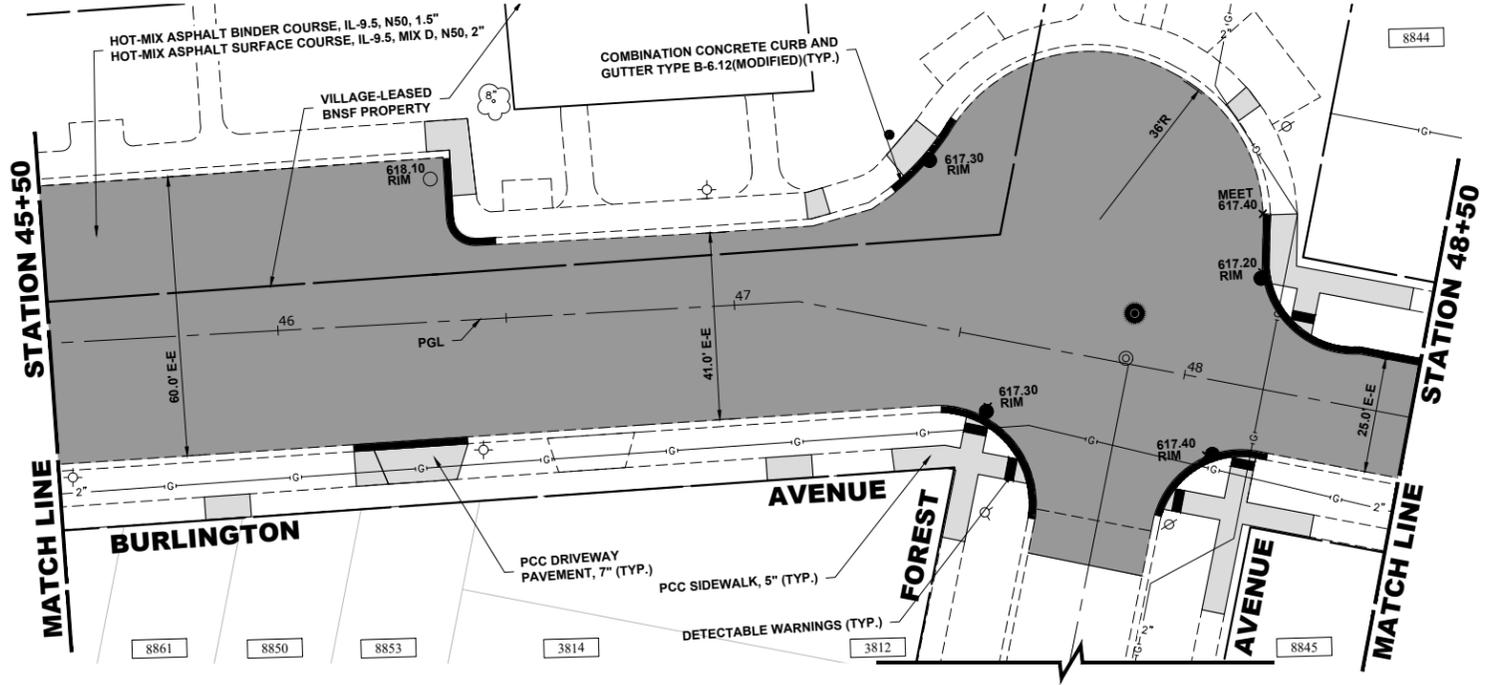
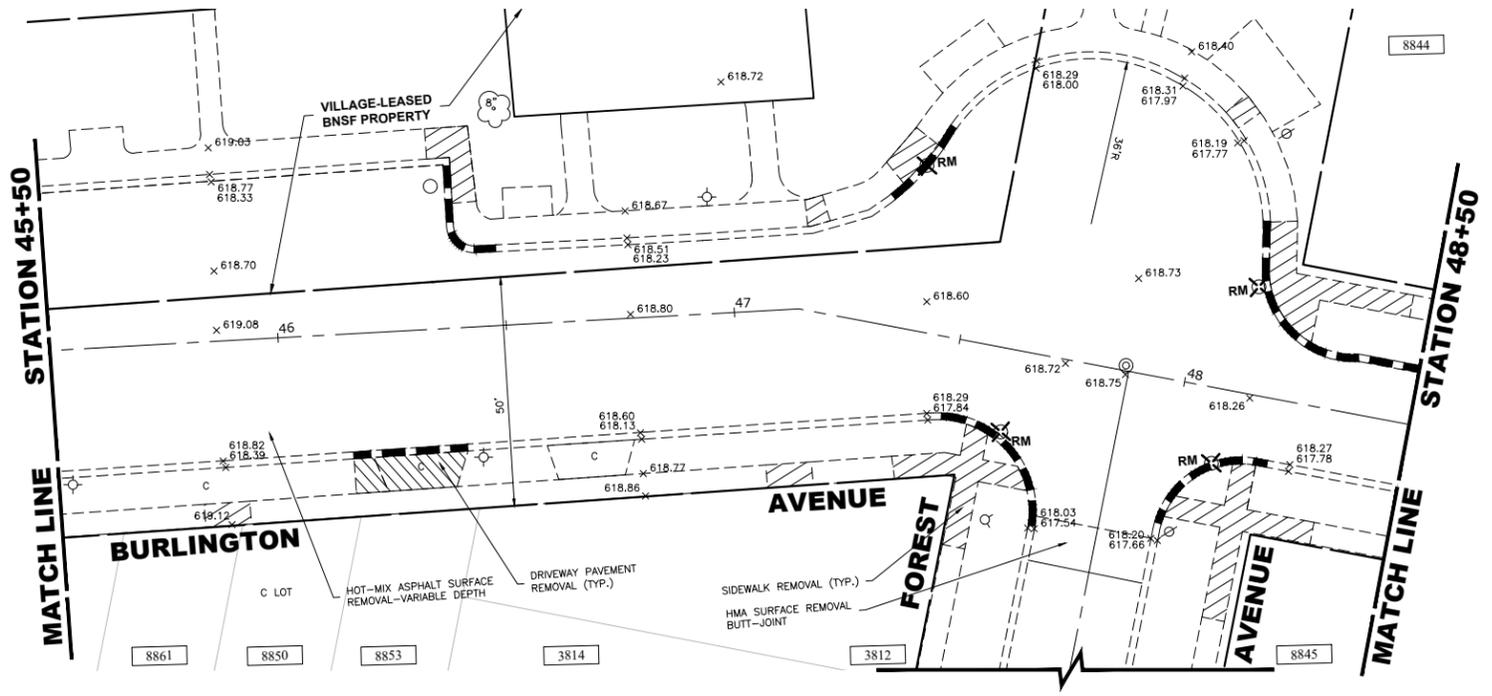
**STATE OF ILLINOIS  
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**BURLINGTON AVENUE  
 PAVING PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=2'    SHEET NO. 10 OF 12 SHEETS    STA. 41+00 TO STA. 45+50

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 29
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201



Drawing file: W:\Projects\_by\_village\Brookfield\2522252 - Burlington Ave Phase 1.dwg Aug 08, 2023 - 12:24pm

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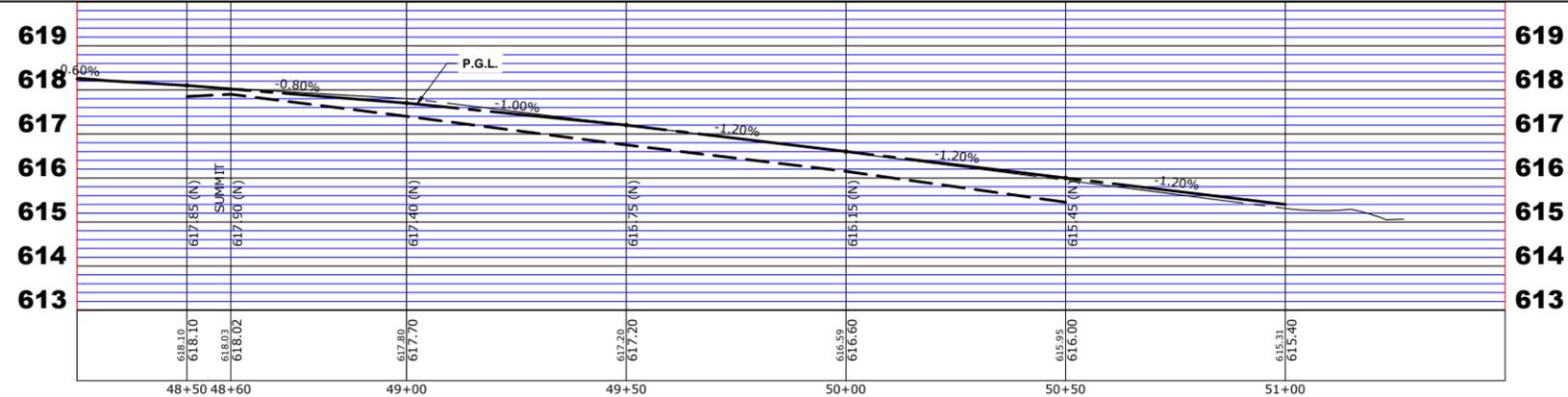
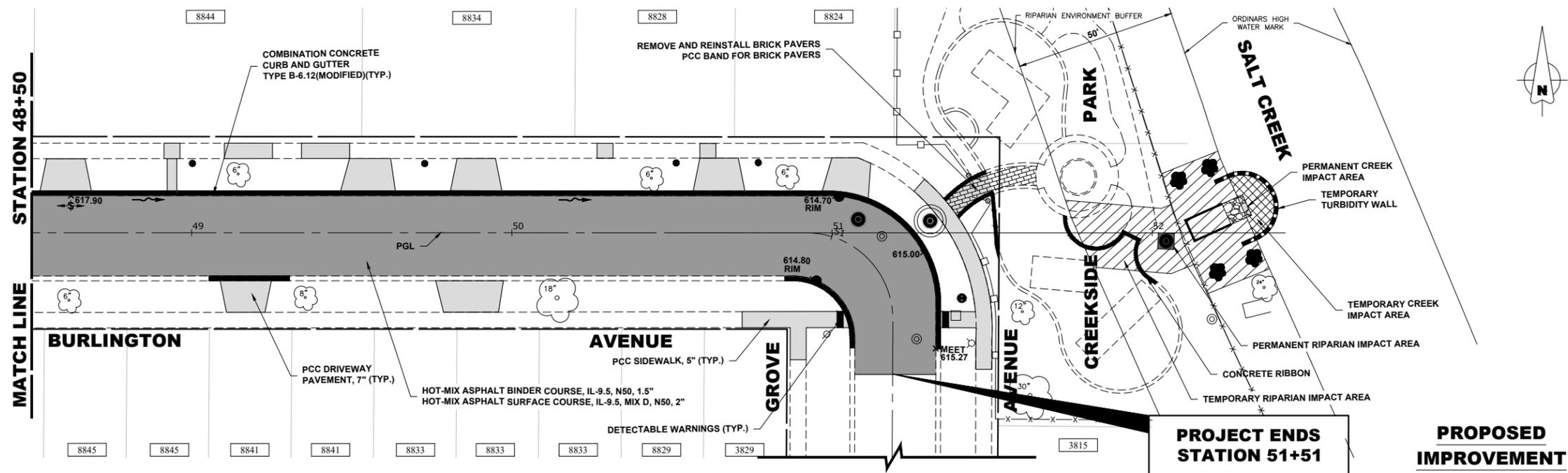
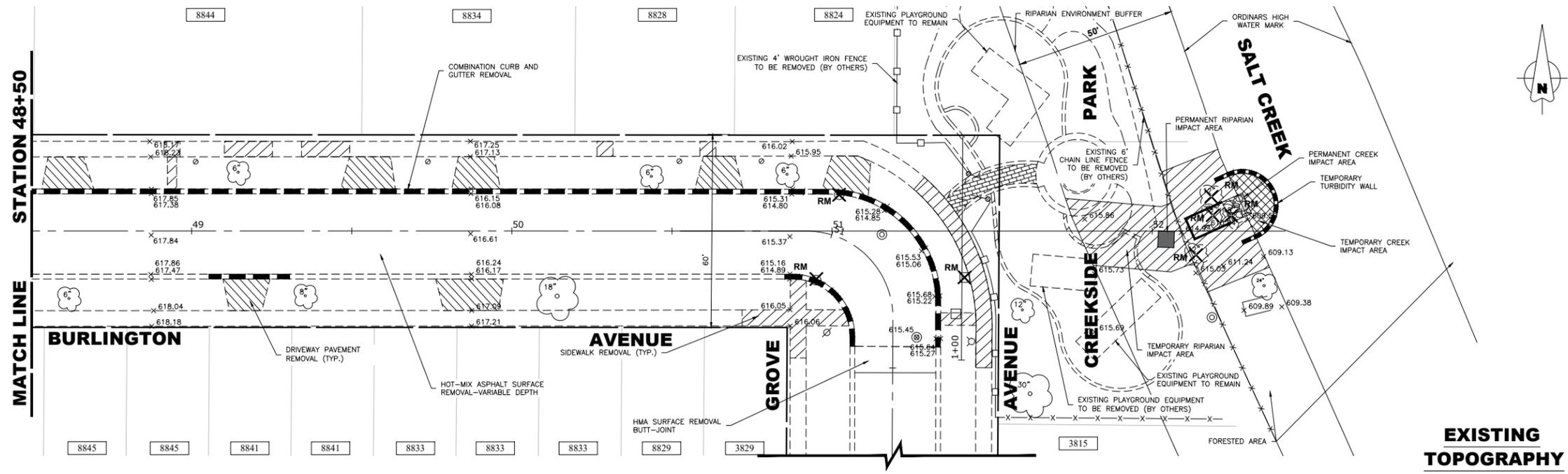
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
 PAVING PLAN AND PROFILE**

SCALE: 1"=20', V:1"=2' SHEET NO. 11 OF 12 SHEETS STA. 45+50 TO STA. 48+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	30
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



Drawing file: W:\projects\_by\_village\Brookfield\2522252 - Burlington Ave Phase I\BF\_Site\Burlington Topo 1.dwg Aug 08, 2023 - 12:25pm

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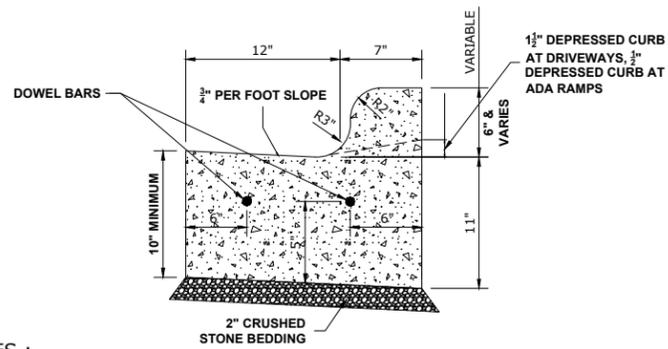
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
PAVING PLAN AND PROFILE**

SCALE: 1"=20', V: 1"=2'    SHEET NO. 12 OF 12 SHEETS    STA. 48+50 TO STA. 52+17

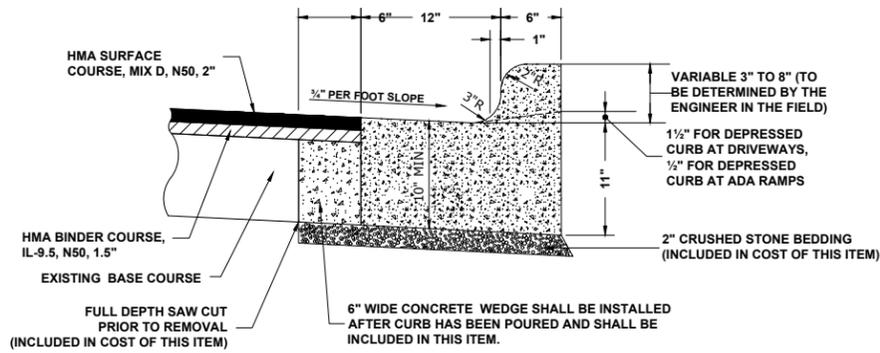
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	31
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



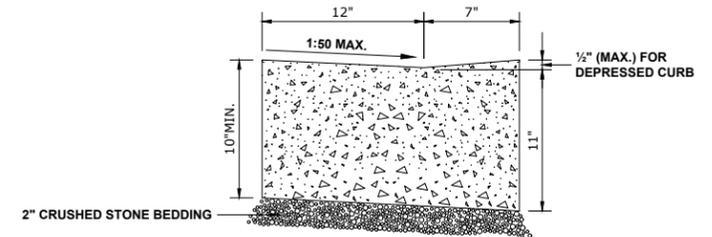
**NOTES :**

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.

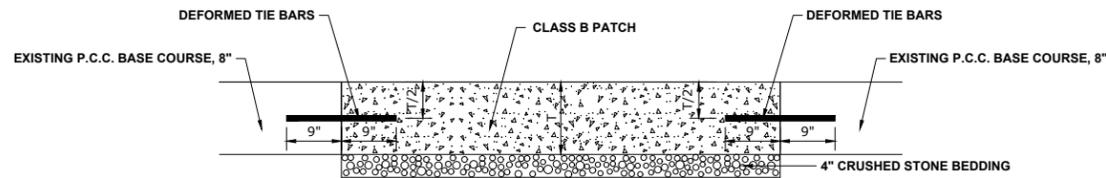
**COMBINATION CONCRETE CURB & GUTTER  
TYPE B-6.12**



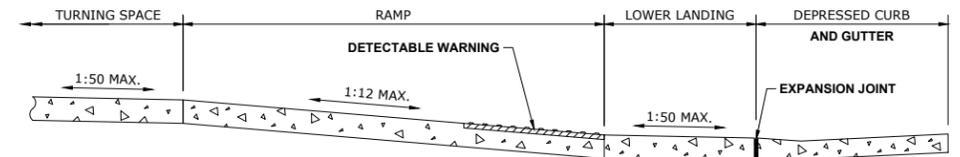
**COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 (MODIFIED)**



**CURB AND GUTTER AT A.D.A. RAMP**

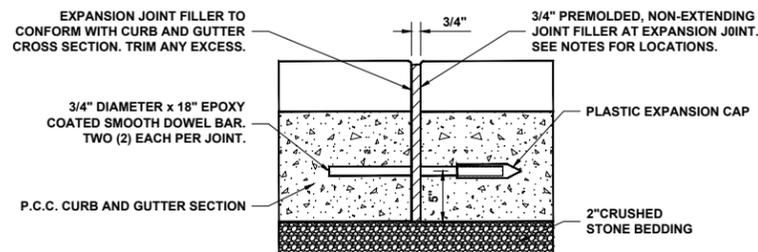


**PAVEMENT PATCH FOR CONCRETE BASE PAVEMENT  
(EXCLUDING UTILITY TRENCH PATCHES)**



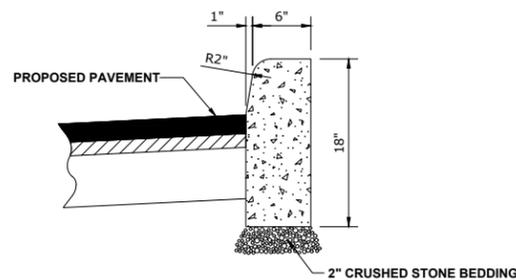
THE RUNNING SLOPE OF THE CURB RAMP SHALL NOT REQUIRE THE CURB LENGTH TO EXCEED 15'.

**ADA RAMP**

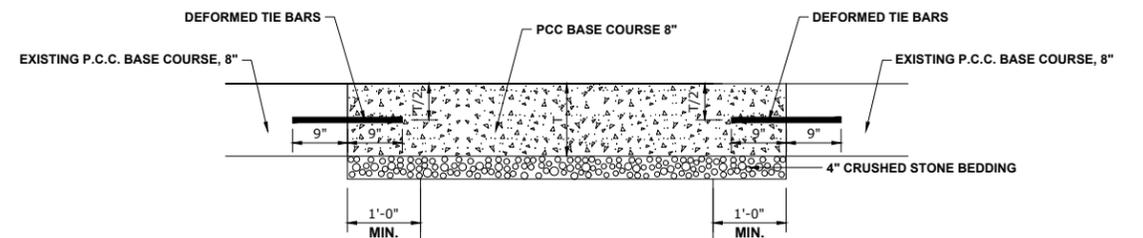


**NOTE:**  
1. EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL P.C.'S & P.T.'S OF INTERSECTION RETURNS AND ALL OTHER SHORT RADIUS SECTIONS. CONSTRUCTION JOINTS, EVERY 50' ON TANGENT SECTIONS, AND AS DIRECTED BY THE ENGINEER.

**TYPICAL CURB AND GUTTER EXPANSION JOINT**



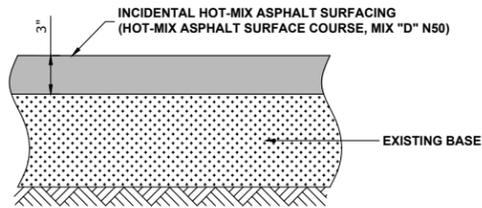
**BARRIER CURB**



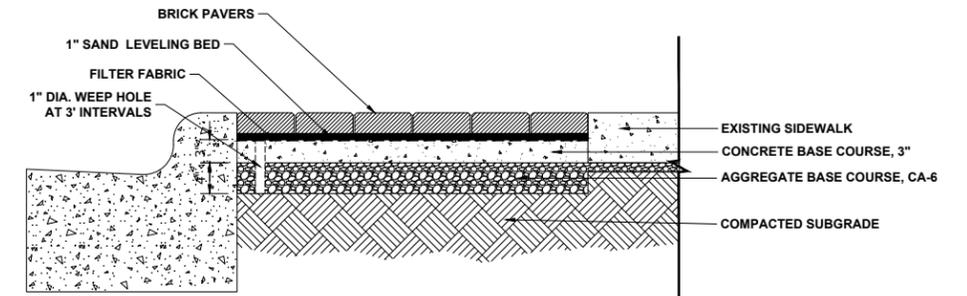
**PAVEMENT PATCH FOR CONCRETE BASE PAVEMENT AT UTILITY TRENCHES**

DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

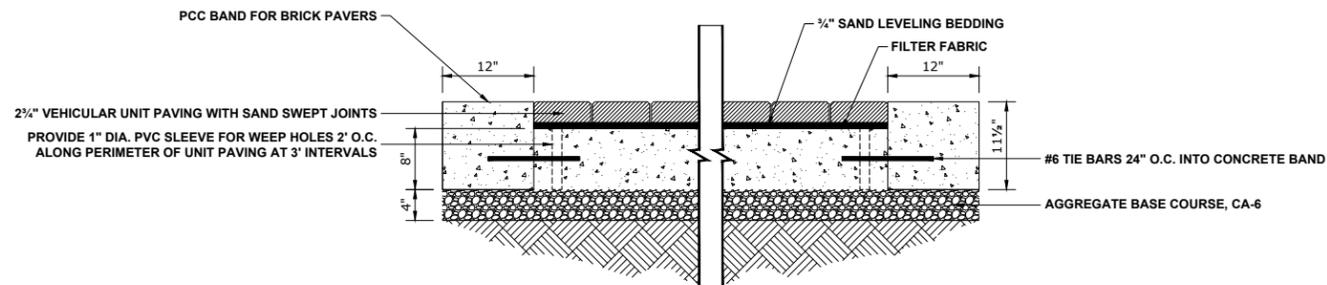
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	32
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



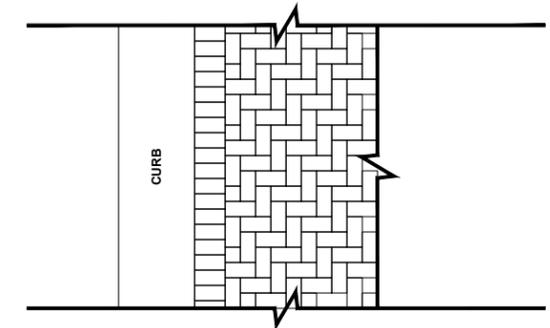
**INCIDENTAL HOT-MIX ASPHALT SURFACING**



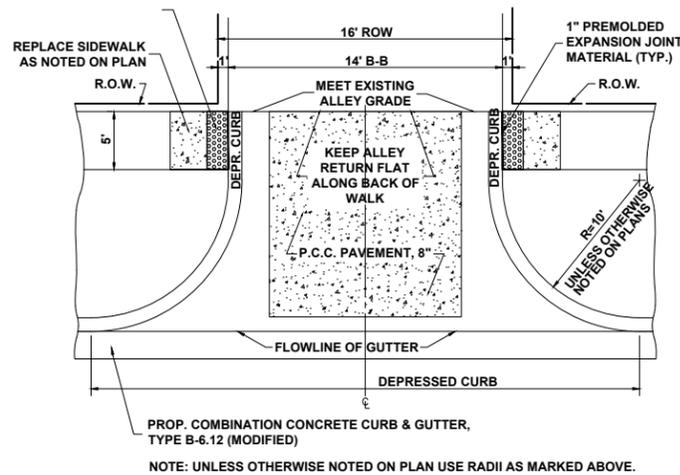
**BRICK PAVER PARKWAY (CROSS SECTION)**



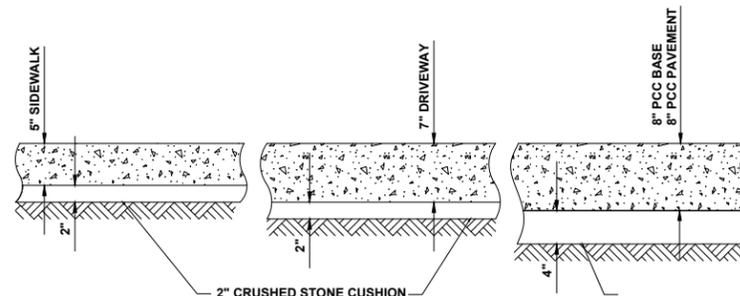
**BRICK PAVER CROSS WALK (CROSS SECTION)**



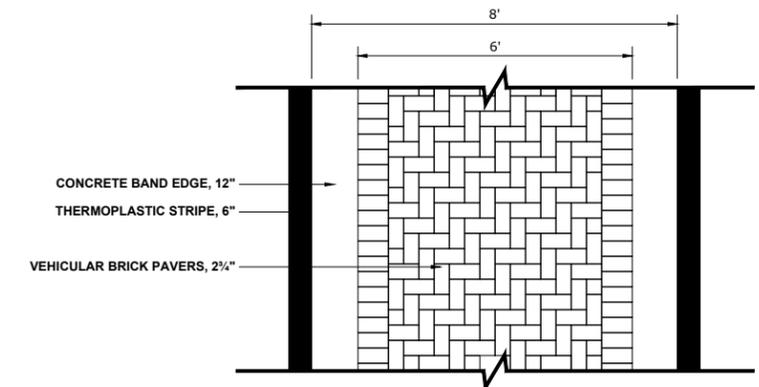
**BRICK PAVER PARKWAY PATTERN**



**ALLEY RETURN**



**TYPICAL P.C.C. SIDEWALK, DRIVEWAY, PAVEMENT AND BASE**

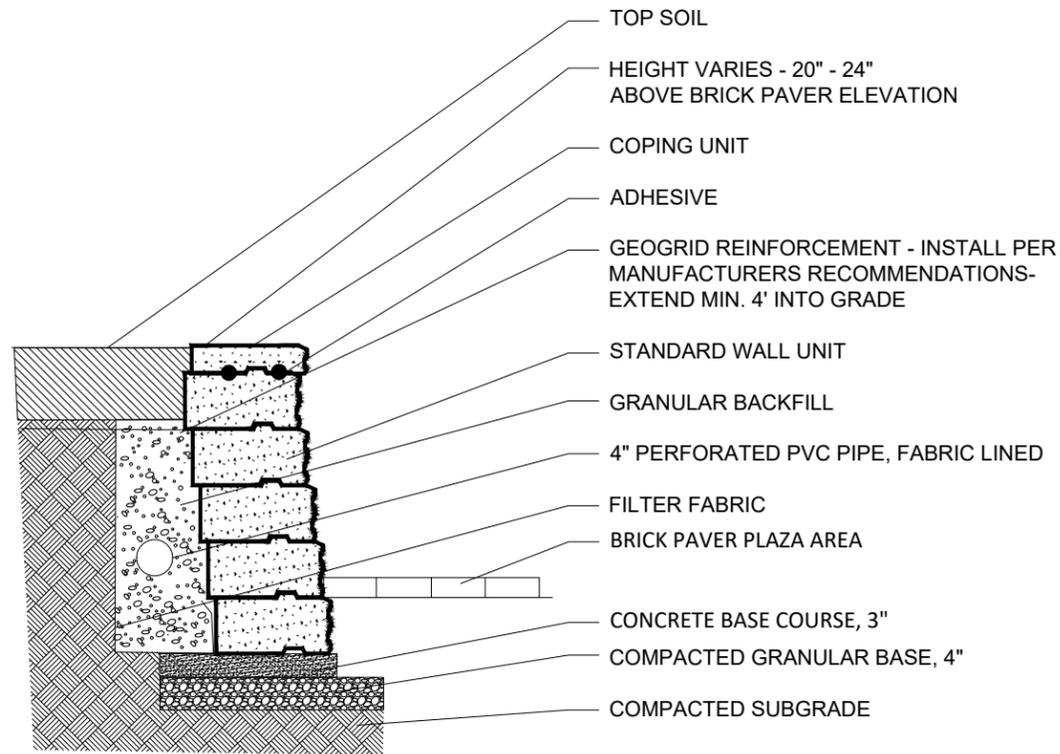


**BRICK PAVER CROSS WALK (PLAN VIEW)**

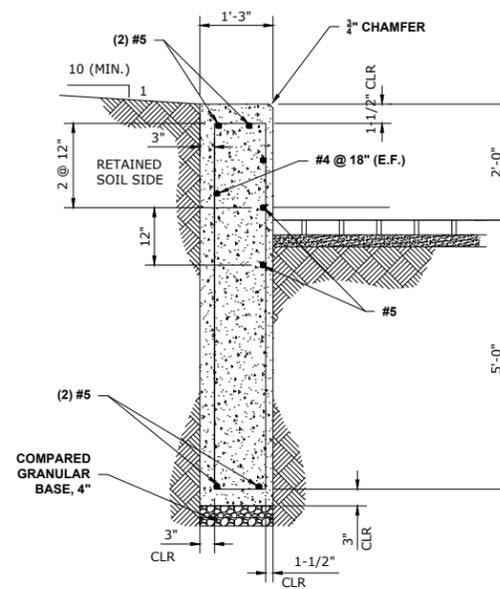
Drawing file: W:\projects\_by\_village\brookfield\12522252 - burlington\_ave\_phase\_1\Details\_Roadway.dwg Aug 06, 2023 - 12:25pm

DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

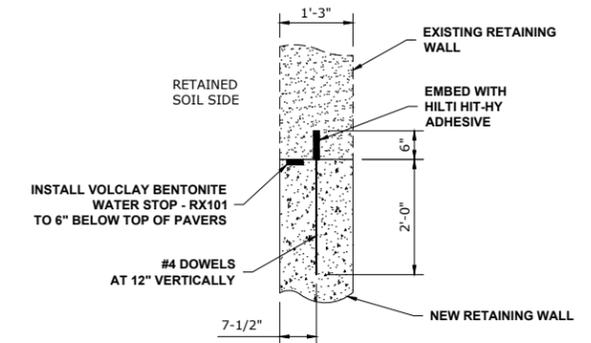
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	33
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS   FED. AID PROJECT				



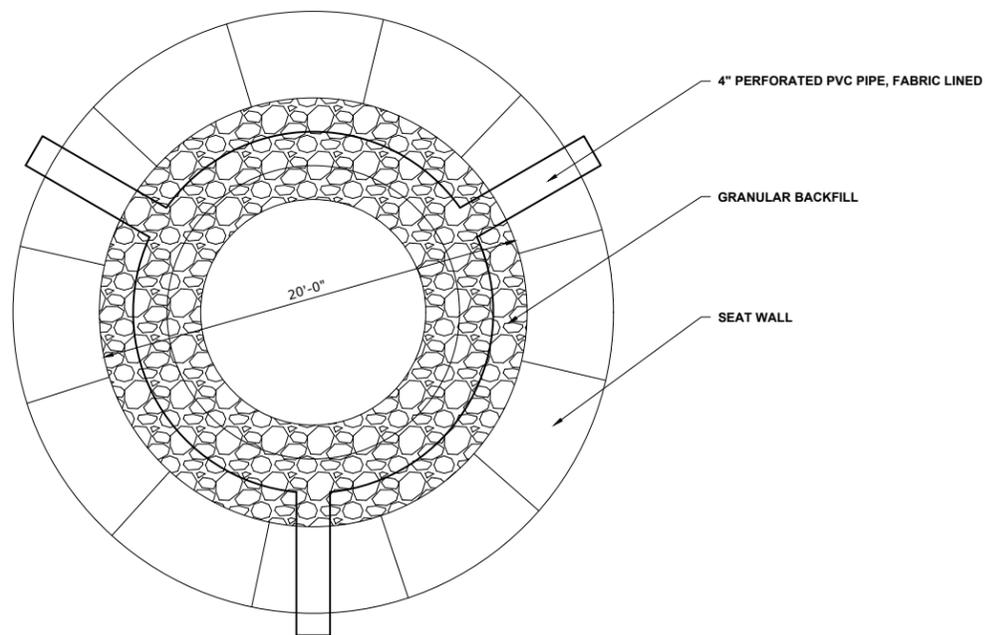
**1** SEGMENTED BLOCK SEAT WALL



**2** RETAINING WALL



**3** CONNECTION TO EXISTING WALL



**4** SEGMENTED BLOCK SEAT WALL (AERIAL)

Drawing file: W:\projects\_by\_village\brookfield\12522252 - burlington one phase \Details\_Roadway.dwg Aug 08, 2023 - 12:25pm

DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	34
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\_by\_Village\Brookfield\2522252 - Burlington Ave Phase II\BF\_Site\Burlington\_MOT.dwg Sep 07, 2023 - 11:54am

LEGEND OF SYMBOLS					
SYMBOL	DESCRIPTION	CODE & SIZE	SYMBOL	DESCRIPTION	CODE & SIZE
SL 25	WORK ZONE SPEED LIMIT <b>25</b> \$250 FINE MINIMUM	W21-I115 36"x18" R2-1 36"x48" R2-1106P 36"x18"	S NLT NRT	STOP  	R1-1 30"x30" R3-2 24"x24" R3-1 24"x24"
RA		M6-1(0) 21"x15"	KR	KEEP RIGHT 	R4-7a 24"x30"
LA		M6-1(0) 21"x15"	KL	KEEP LEFT 	R4-8a 24"x30"
TW		W6-3(0) 36"x36"	WW	WRONG WAY	R5-1a 36"x24"
RCA		W20-3 48"x48"	SC	SIDEWALK CLOSED USE OTHER SIDE 	R11-1102 24"x30"
RWA		W20-1103 48"x48"	SC	SIDEWALK CLOSED USE OTHER SIDE 	R11-1102 24"x30"
DNE	DO NOT ENTER	R5-1 30"x30"	RC T T T	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
RC	ROAD CLOSED	R11-2 48"x30"			W24-R(O) 48"x48"
KL	KEEP LEFT 	WR4-8A 24"x18"			W24-L(O) 48"x48"

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

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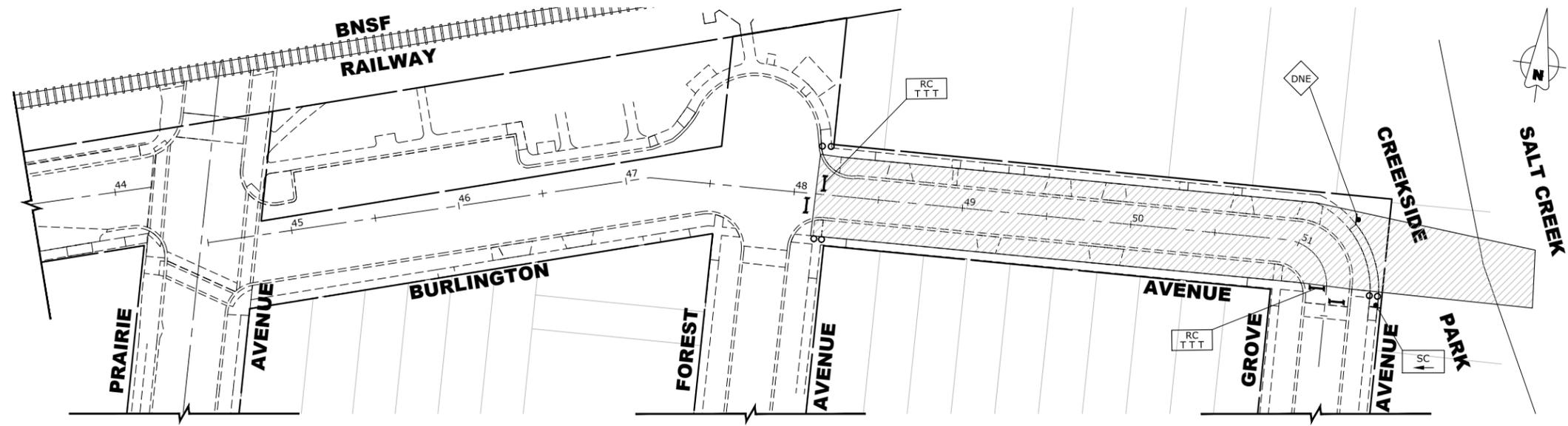
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE CONSTRUCTION LEGEND**

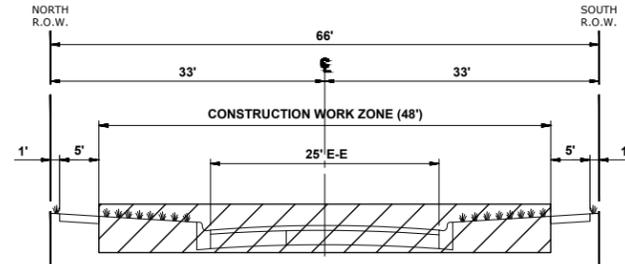
SCALE: 1" = 40' SHEET NO. 1 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	35
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 1A-1 CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER, AND SANITARY SEWER REPLACEMENT.
2. NO OPEN EXCAVATIONS ARE TO BE LEFT OVERNIGHT. ALL TRENCHES MUST BE BACKFILLED AT THE END OF THE DAY.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS, AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLANS AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS.
5. CONTRACTOR MAY KEEP ROAD CLOSED IN CONSTRUCTION WORK ZONE DURING ACTIVE CONSTRUCTION BUT SHALL MAINTAIN ACCESSIBILITY TO LOCAL TRAFFIC AT ALL OTHER TIMES.
6. DRIVEWAYS ARE TO REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. ONCE ALL WORK ASSOCIATED WITH STAGE 1A HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL A TEMPORARY HMA PATCH ON ANY UTILITY TRENCHES AS DIRECTED BY THE ENGINEER. INSTALLATION AND REMOVAL OF PATCH TO BE PAID UNDER PAY ITEM X4420210 TEMPORARY PATCHING.
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 1A-1 CONSTRUCTION**

(FOREST AVENUE TO GROVE AVENUE)  
(STA 48+00 TO STA 52+17)

**LEGEND**

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

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CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

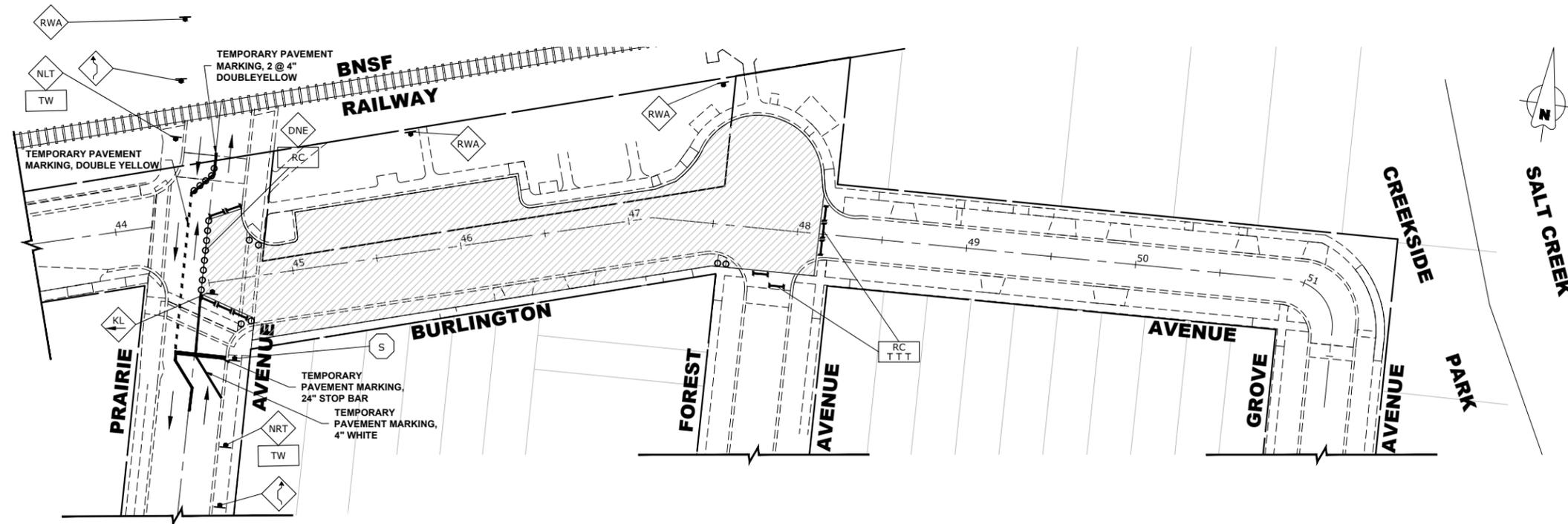
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 1A-1 CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 2 OF 22 SHEETS STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 36
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201

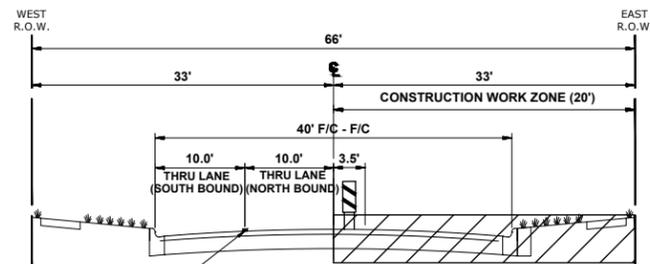


**STAGE 1A-2 CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER, AND SANITARY SEWER REPLACEMENT.
2. NO OPEN EXCAVATIONS ARE TO BE LEFT OVERNIGHT. ALL TRENCHES MUST BE BACKFILLED AT THE END OF THE DAY.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS, AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLANS AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
5. CONTRACTOR MAY KEEP ROAD (BURLINGTON AVENUE) CLOSED IN CONSTRUCTION WORK ZONE DURING ACTIVE CONSTRUCTION BUT SHALL MAINTAIN ACCESSIBILITY TO LOCAL TRAFFIC AT ALL OTHER TIMES.
6. THE BROOKFIELD METRA STATION AND METRA STATION PARKING ON THE NORTH PORTION OF THIS SECTION SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION AREA IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION AREA IMMEDIATELY UPON COMPLETION OF UTILITY CONSTRUCTION.
7. ONCE ALL WORK ASSOCIATED WITH STAGE 1A HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL A TEMPORARY HMA PATCH ON ANY UTILITY TRENCHES AS DIRECTED BY THE ENGINEER. INSTALLATION AND REMOVAL OF PATCH TO BE PAID UNDER PAY ITEM X4420210 TEMPORARY PATCHING.
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

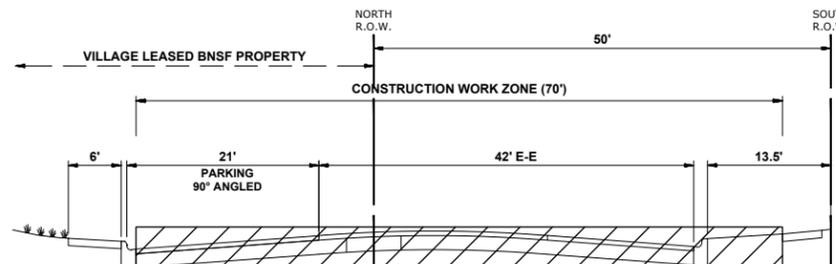
**LEGEND**

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



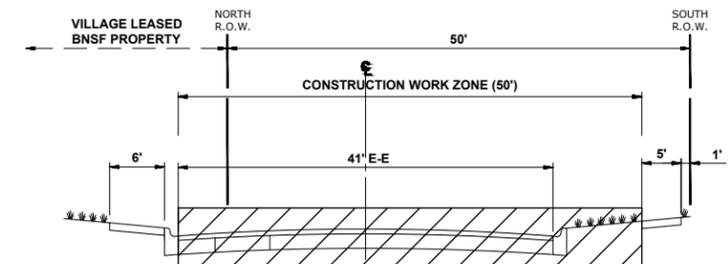
**TYPICAL SECTION DURING STAGE 1A-2 CONSTRUCTION**

PRAIRIE AVENUE



**TYPICAL SECTION DURING STAGE 1A-2 CONSTRUCTION**

(PRAIRIE AVENUE TO STA. 46+42)



**TYPICAL SECTION DURING STAGE 1A-2 CONSTRUCTION**

(STA. 46+42 TO FOREST AVENUE)

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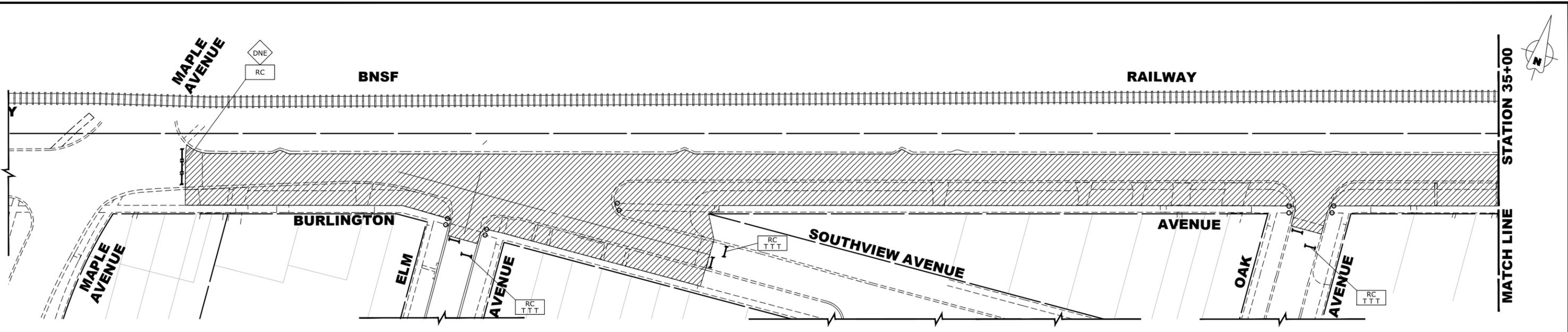
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 1A-2 CONSTRUCTION**

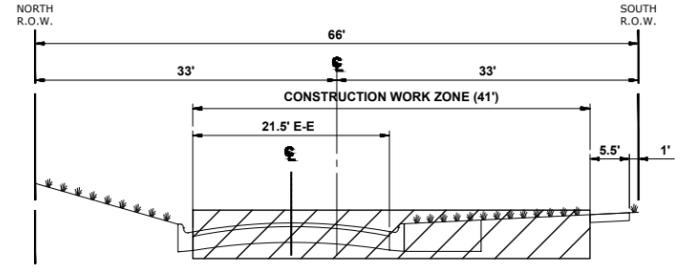
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	37
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

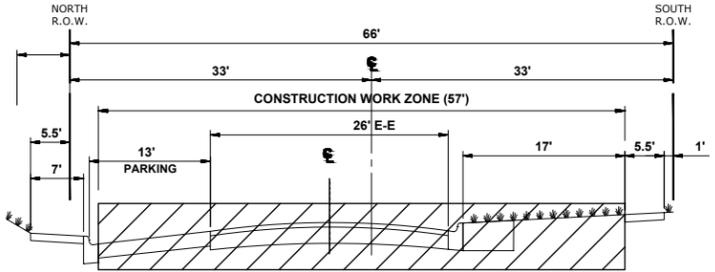


**STAGE 1B CONSTRUCTION**

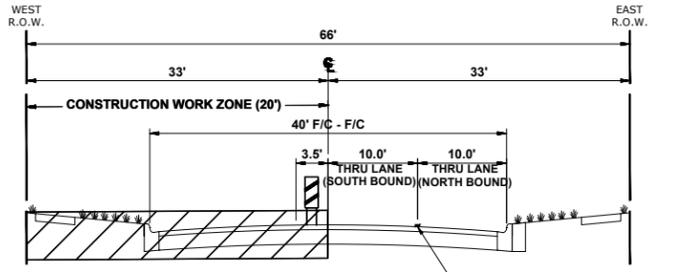
- WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER, AND SANITARY SEWER REPLACEMENT. NO OPEN EXCAVATIONS ARE TO BE LEFT OVERNIGHT. ALL TRENCHES MUST BE BACKFILLED AT THE END OF THE DAY.
- IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS, AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLANS AND PROFILE. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS UNLESS OTHERWISE NOTED. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
- DRIVEWAYS ARE TO REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
- STAGE 1B AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
- PARKING ON THE NORTH SIDE OF BURLINGTON FROM PRAIRIE AVENUE TO SUNNYSIDE AVENUE TO BE MADE ACCESSIBLE ONCE UTILITY WORK EAST OF SUNNYSIDE AVENUE HAS BEEN COMPLETED.
- ONCE ALL WORK ASSOCIATED WITH STAGE 1B HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL A TEMPORARY HMA PATCH ON ANY UTILITY TRENCHES AS DIRECTED BY THE ENGINEER. INSTALLATION AND REMOVAL OF PATCH TO BE PAID UNDER PAY ITEM X4420210 TEMPORARY PATCHING.
- CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 1B CONSTRUCTION**  
(MAPLE AVENUE TO SUNNYSIDE AVENUE)



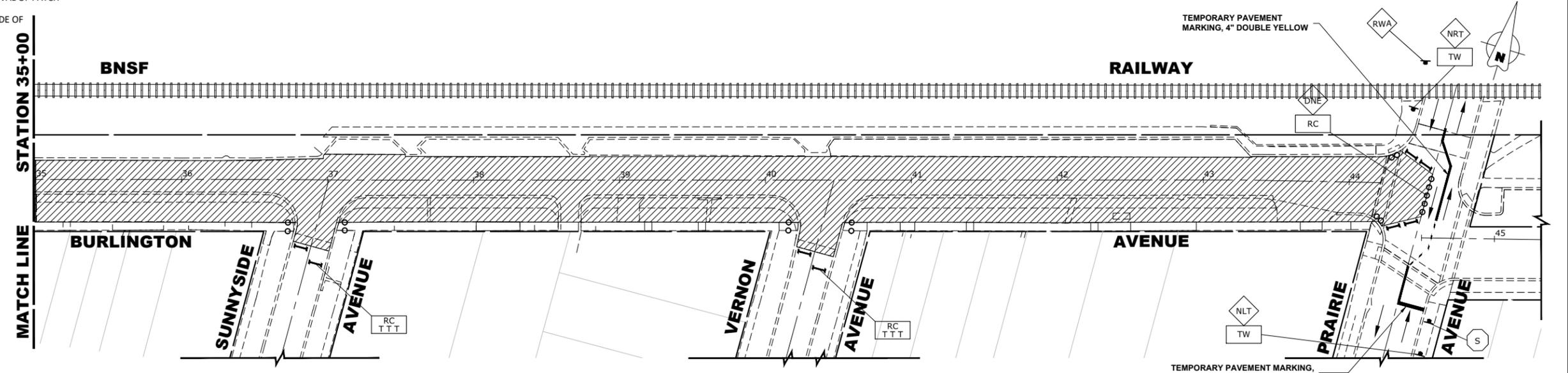
**TYPICAL SECTION DURING STAGE 1B CONSTRUCTION**  
(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)



**TYPICAL SECTION DURING STAGE 1B CONSTRUCTION**  
PRAIRIE AVENUE

**LEGEND**

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



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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

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MAINTENANCE OF TRAFFIC PLAN  
STAGE 1B CONSTRUCTION

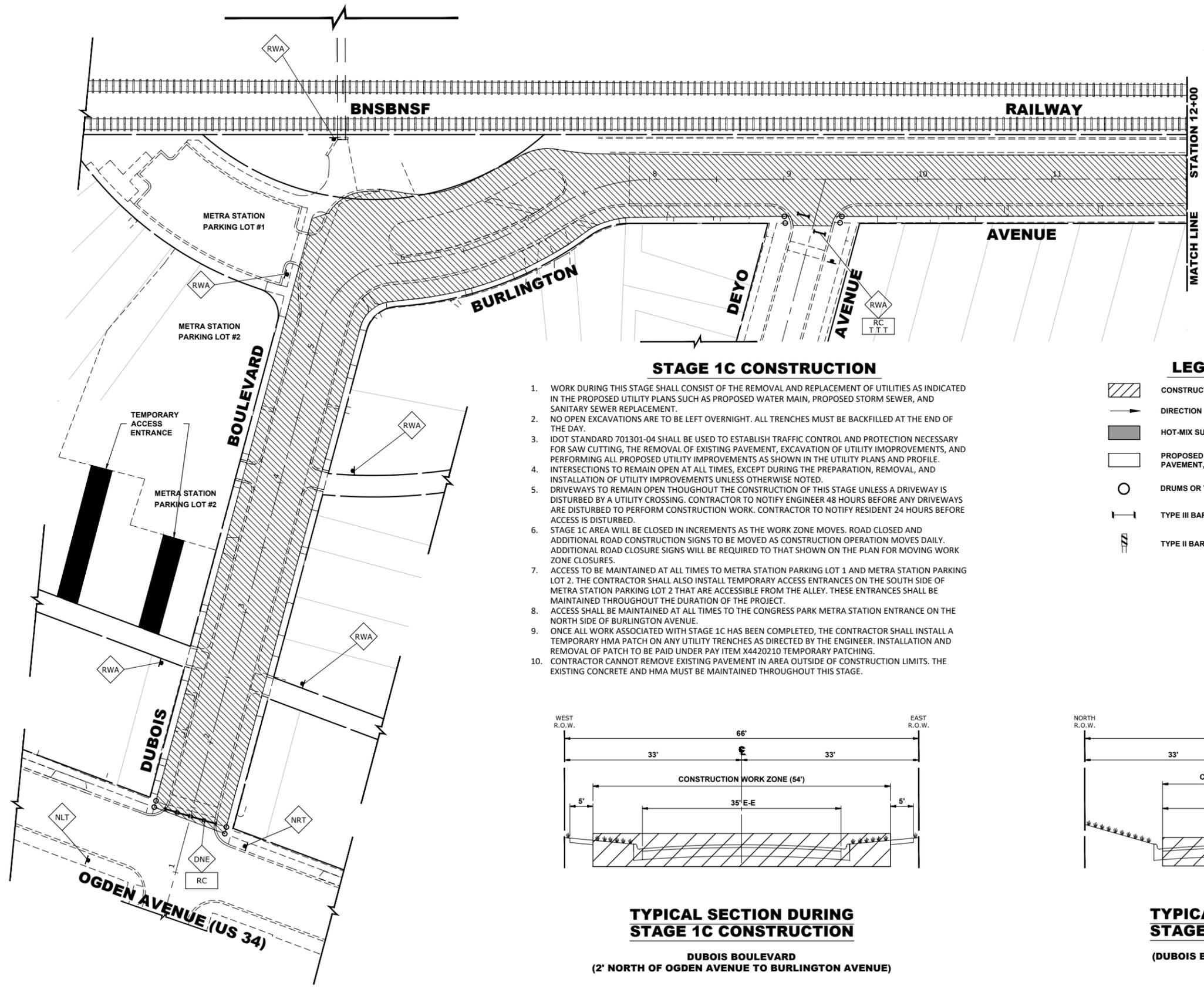
SCALE: 1" = 40' SHEET NO. 4 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	38
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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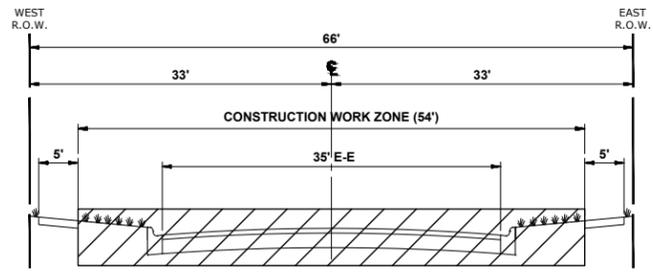


**STAGE 1C CONSTRUCTION**

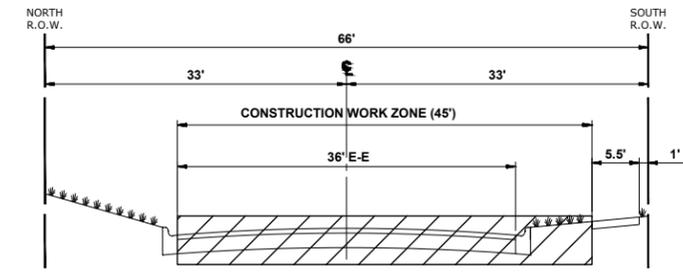
1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER, AND SANITARY SEWER REPLACEMENT.
2. NO OPEN EXCAVATIONS ARE TO BE LEFT OVERNIGHT. ALL TRENCHES MUST BE BACKFILLED AT THE END OF THE DAY.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS, AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLANS AND PROFILE.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS UNLESS OTHERWISE NOTED.
5. DRIVEWAYS TO REMAIN OPEN THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAYS ARE DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. STAGE 1C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
7. ACCESS TO BE MAINTAINED AT ALL TIMES TO METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2. THE CONTRACTOR SHALL ALSO INSTALL TEMPORARY ACCESS ENTRANCES ON THE SOUTH SIDE OF METRA STATION PARKING LOT 2 THAT ARE ACCESSIBLE FROM THE ALLEY. THESE ENTRANCES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
8. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
9. ONCE ALL WORK ASSOCIATED WITH STAGE 1C HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL A TEMPORARY HMA PATCH ON ANY UTILITY TRENCHES AS DIRECTED BY THE ENGINEER. INSTALLATION AND REMOVAL OF PATCH TO BE PAID UNDER PAY ITEM X4420210 TEMPORARY PATCHING.
10. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

**LEGEND**

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



**TYPICAL SECTION DURING STAGE 1C CONSTRUCTION**  
 DUBOIS BOULEVARD  
 (2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)



**TYPICAL SECTION DURING STAGE 1C CONSTRUCTION**  
 (DUBOIS BOULEVARD TO MAPLE AVENUE)

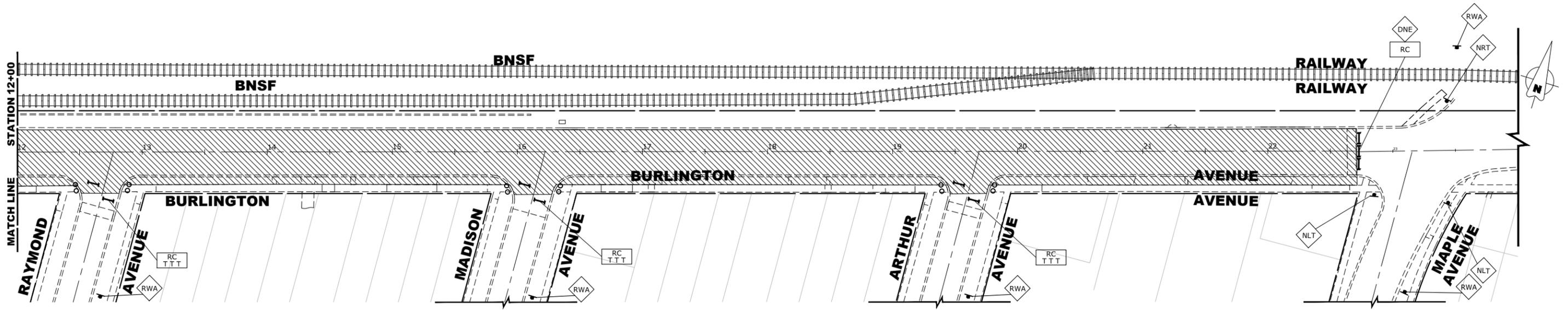
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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

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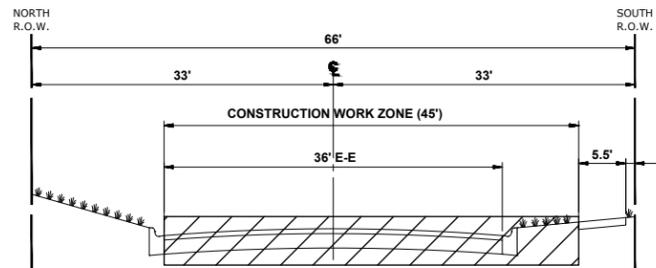
<b>MAINTENANCE OF TRAFFIC PLAN          STAGE 1C-1 CONSTRUCTION</b>		
SCALE 1"=40'	SHEET NO. 5 OF 22 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	39
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 1C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF UTILITIES AS INDICATED IN THE PROPOSED UTILITY PLANS SUCH AS PROPOSED WATER MAIN, PROPOSED STORM SEWER, AND SANITARY SEWER REPLACEMENT.
2. NO OPEN EXCAVATIONS ARE TO BE LEFT OVERNIGHT. ALL TRENCHES MUST BE BACKFILLED AT THE END OF THE DAY.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, THE REMOVAL OF EXISTING PAVEMENT, EXCAVATION OF UTILITY IMPROVEMENTS, AND PERFORMING ALL PROPOSED UTILITY IMPROVEMENTS AS SHOWN IN THE UTILITY PLANS AND PROFILE.
4. INTERSECTIONS TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS UNLESS OTHERWISE NOTED.
5. DRIVEWAYS TO REMAIN OPEN THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS A DRIVEWAY IS DISTURBED BY A UTILITY CROSSING. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAYS ARE DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. STAGE 1C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
7. ACCESS TO BE MAINTAINED AT ALL TIMES TO METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2. THE CONTRACTOR SHALL ALSO INSTALL TEMPORARY ACCESS ENTRANCES ON THE SOUTH SIDE OF METRA STATION PARKING LOT 2 THAT ARE ACCESSIBLE FROM THE ALLEY. THESE ENTRANCES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
8. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
9. ONCE ALL WORK ASSOCIATED WITH STAGE 1C HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTALL A TEMPORARY HMA PATCH ON ANY UTILITY TRENCHES AS DIRECTED BY THE ENGINEER. INSTALLATION AND REMOVAL OF PATCH TO BE PAID UNDER PAY ITEM X4420210 TEMPORARY PATCHING.
10. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 1C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

**LEGEND**

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

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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

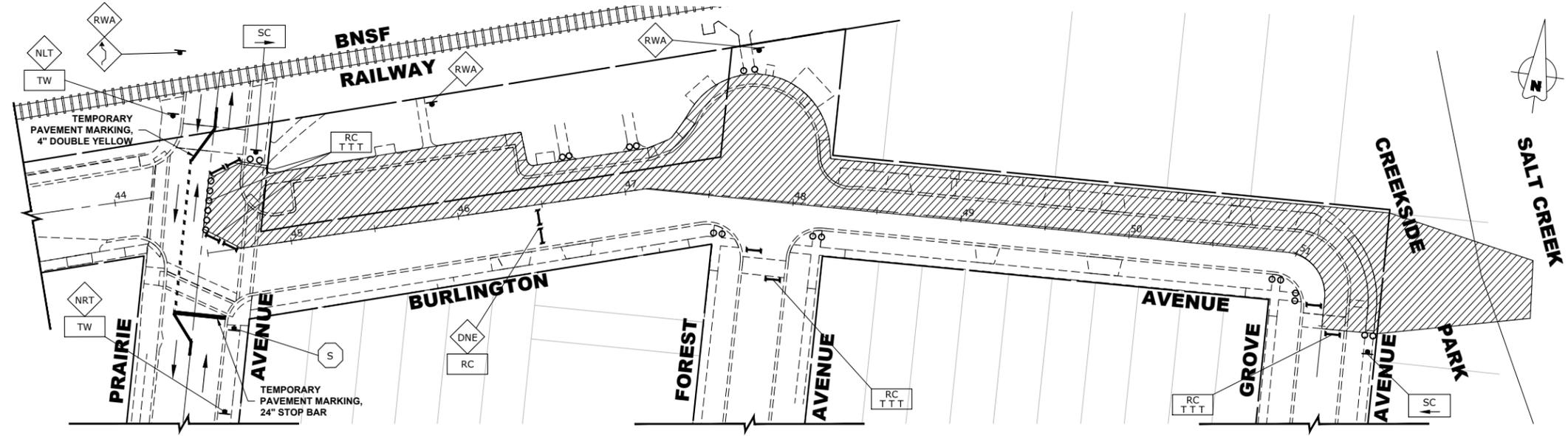
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 1C-2 CONSTRUCTION**

SCALE 1"=40' SHEET NO. 6 OF 22 SHEETS STA. TO STA.

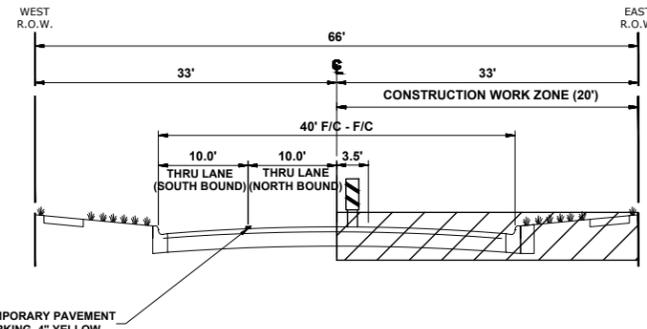
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	40
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201



**STAGE 2A CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT ON THE NORTH SIDE OF BURLINGTON AVENUE AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
7. THE BROOKFIELD METRA STATION AND METRA STATION PARKING ON THE NORTH PORTION OF THIS SECTION SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY CURB OR PAVEMENT REMOVAL. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION AREA IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION AREA IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS.
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

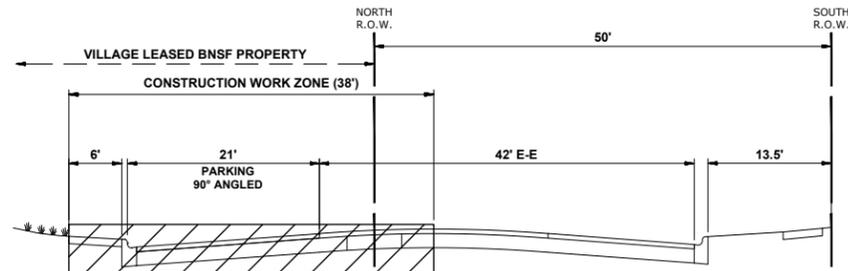


**TYPICAL SECTION DURING STAGE 2A CONSTRUCTION**

PRAIRIE AVENUE

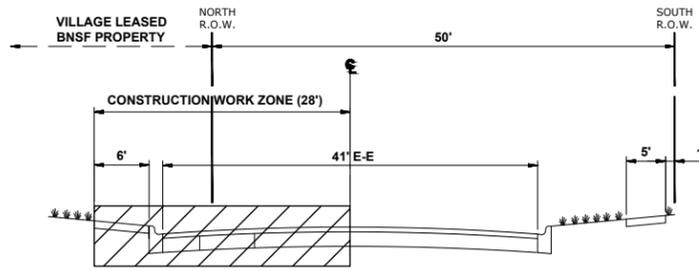
**LEGEND**

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



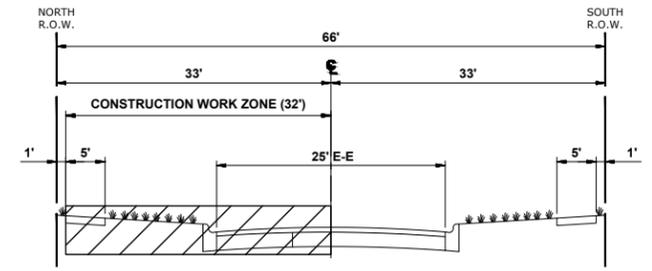
**TYPICAL SECTION DURING STAGE 2A CONSTRUCTION**

(PRAIRIE AVENUE TO STA. 46+42)



**TYPICAL SECTION DURING STAGE 2A CONSTRUCTION**

(STA. 46+42 TO FOREST AVENUE)



**TYPICAL SECTION DURING STAGE 2A CONSTRUCTION**

(FOREST AVENUE TO GROVE AVENUE) (STA 48+00 TO STA 52+17)

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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

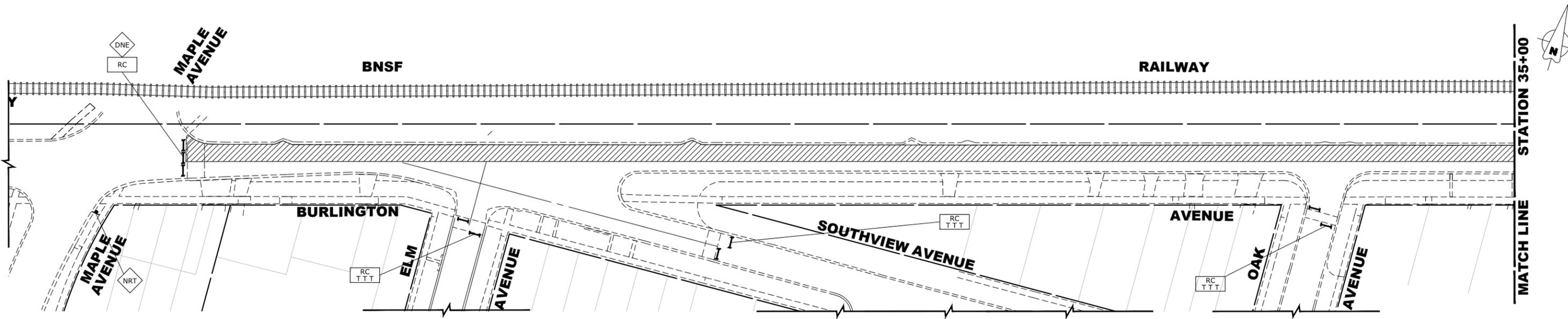
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC PLAN STAGE 2A CONSTRUCTION</b>		
SCALE: 1" = 40'	SHEET NO. 7 OF 22 SHEETS	STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 41
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

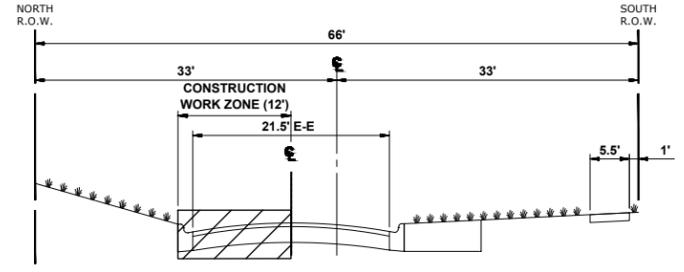
E.H.E. PROJECT NO. 125-22-25201

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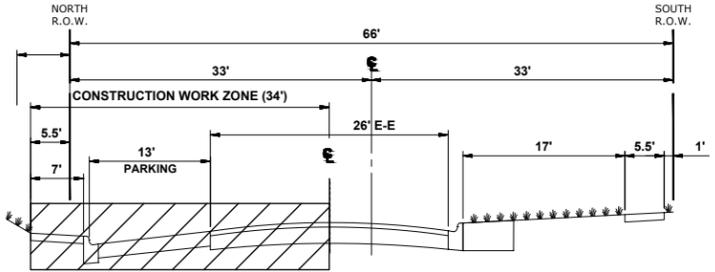
**STAGE 2B CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT ON THE NORTH SIDE OF BURLINGTON AVENUE AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 21 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 21 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. STAGE 2B AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
7. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



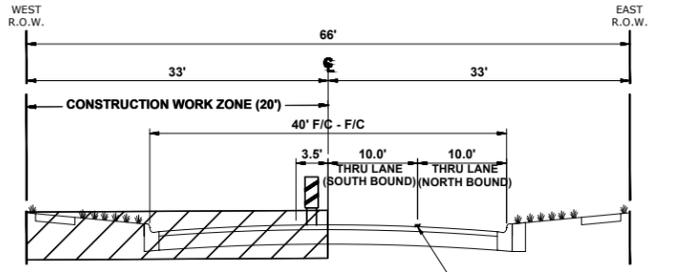
**TYPICAL SECTION DURING STAGE 2B CONSTRUCTION**

(MAPLE AVENUE TO SUNNYSIDE AVENUE)



**TYPICAL SECTION DURING STAGE 2B CONSTRUCTION**

(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)

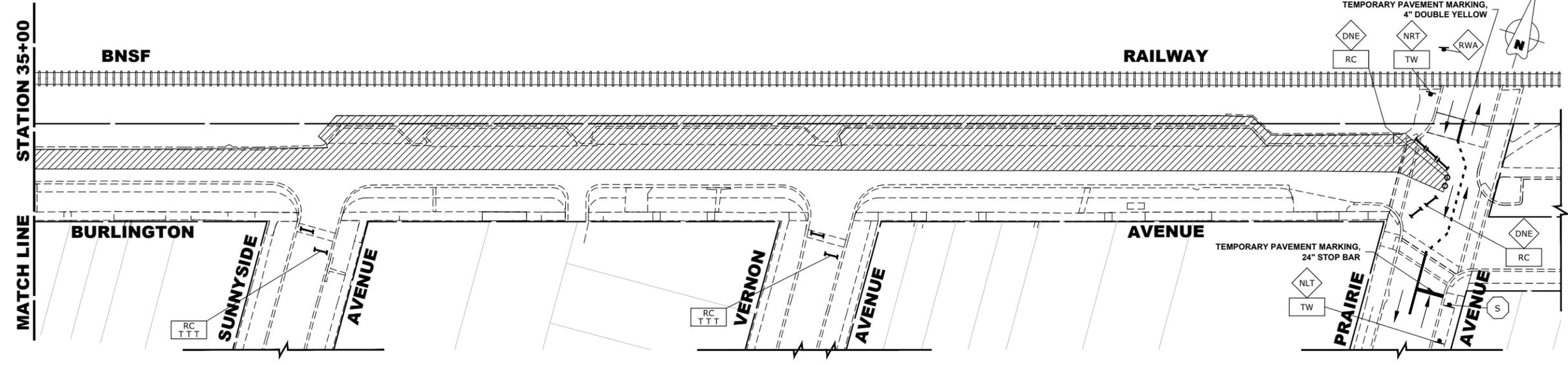


**TYPICAL SECTION DURING STAGE 2B CONSTRUCTION**

PRAIRIE AVENUE

**LEGEND**

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



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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

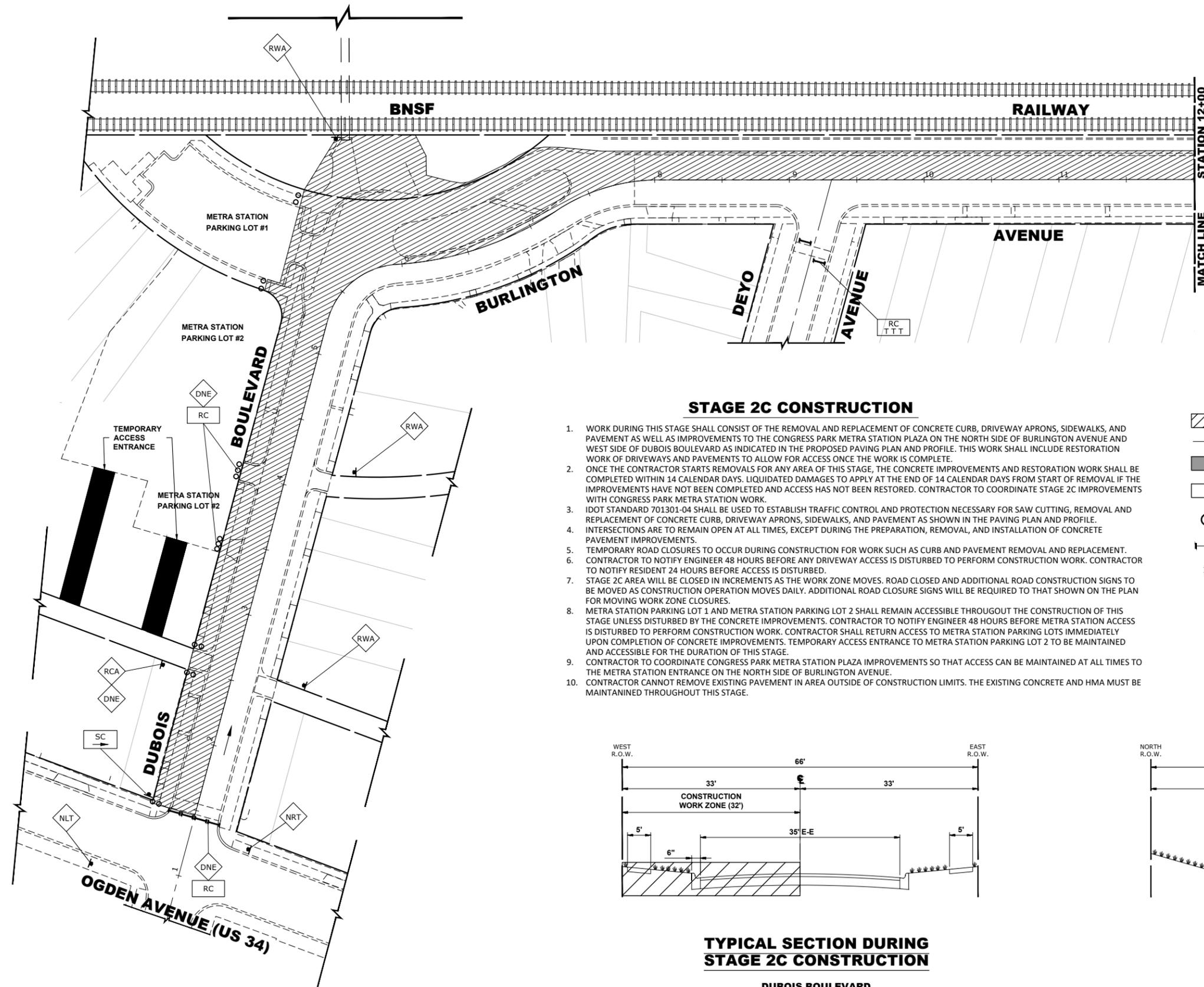
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2B CONSTRUCTION**

SCALE: 1" = 40' SHEET NO. 8 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	42
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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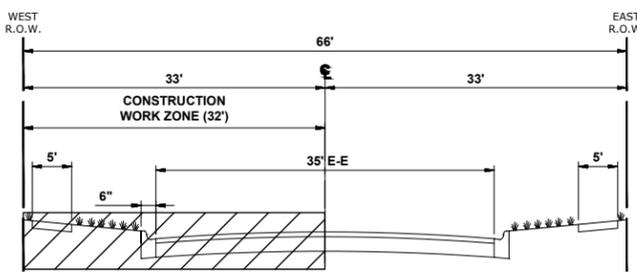


**STAGE 2C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS WELL AS IMPROVEMENTS TO THE CONGRESS PARK METRA STATION PLAZA ON THE NORTH SIDE OF BURLINGTON AVENUE AND WEST SIDE OF DUBOIS BOULEVARD AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED. CONTRACTOR TO COORDINATE STAGE 2C IMPROVEMENTS WITH CONGRESS PARK METRA STATION WORK.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF CONCRETE PAVEMENT IMPROVEMENTS.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
6. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. STAGE 2C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE CONCRETE IMPROVEMENTS. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
9. CONTRACTOR TO COORDINATE CONGRESS PARK METRA STATION PLAZA IMPROVEMENTS SO THAT ACCESS CAN BE MAINTAINED AT ALL TIMES TO THE METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
10. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

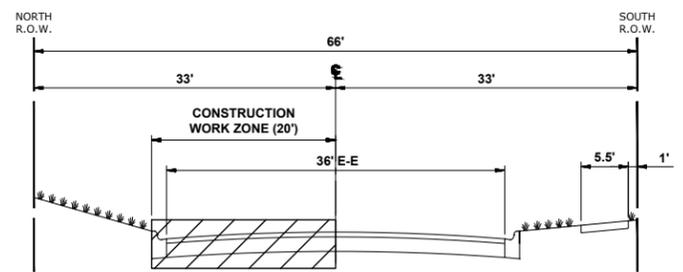
**LEGEND**

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



**TYPICAL SECTION DURING STAGE 2C CONSTRUCTION**

DUBOIS BOULEVARD  
(2' NORTH OF OGDAN AVENUE TO BURLINGTON AVENUE)



**TYPICAL SECTION DURING STAGE 2C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

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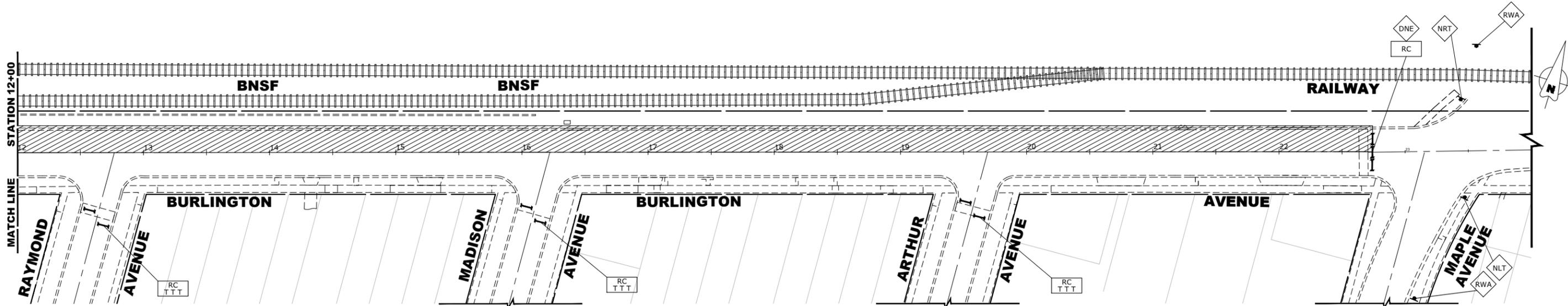
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2C-1 CONSTRUCTION**

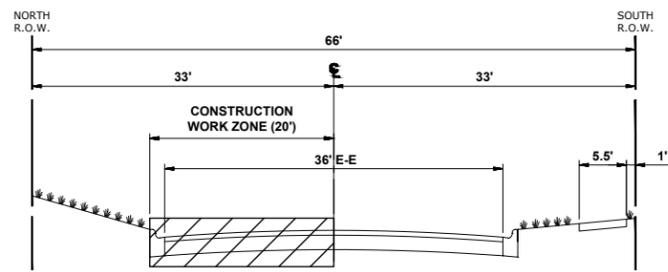
SCALE 1"=40' SHEET NO. 9 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	43
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 2C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS WELL AS IMPROVEMENTS TO THE CONGRESS PARK METRA STATION PLAZA ON THE NORTH SIDE OF BURLINGTON AVENUE AND WEST SIDE OF DUBOIS BOULEVARD AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED. CONTRACTOR TO COORDINATE STAGE 2C IMPROVEMENTS WITH CONGRESS PARK METRA STATION WORK.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF CONCRETE PAVEMENT IMPROVEMENTS.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
6. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. STAGE 2C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE CONCRETE IMPROVEMENTS. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
9. CONTRACTOR TO COORDINATE CONGRESS PARK METRA STATION PLAZA IMPROVEMENTS SO THAT ACCESS CAN BE MAINTAINED AT ALL TIMES TO THE METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
10. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 2C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

**LEGEND**

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

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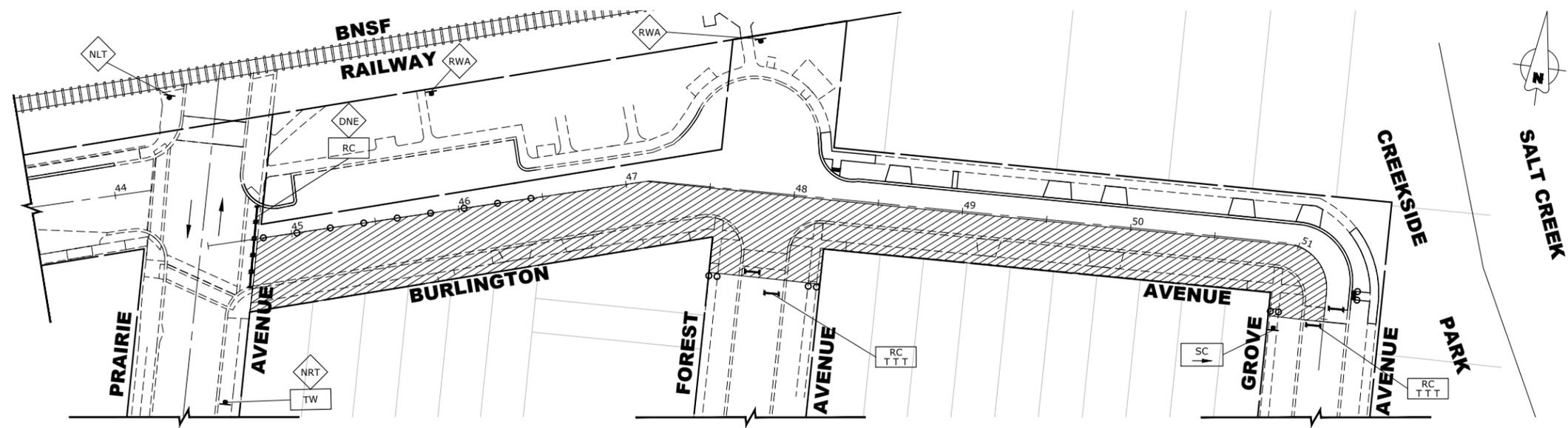
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

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DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 2C-2 CONSTRUCTION**

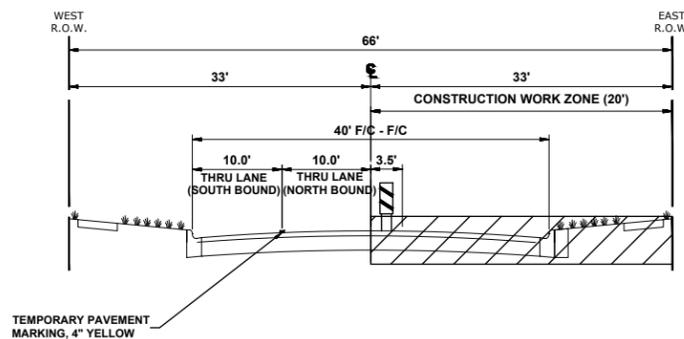
SCALE 1"=40'    SHEET NO. 40 OF 22 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	44
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 3A CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT ON THE SOUTH SIDE OF BURLINGTON AVENUE AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
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5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
7. THE BROOKFIELD METRA STATION AND METRA STATION PARKING ON THE NORTH PORTION OF THIS SECTION SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY CURB OR PAVEMENT REMOVAL. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION AREA IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION AREA IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS.
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

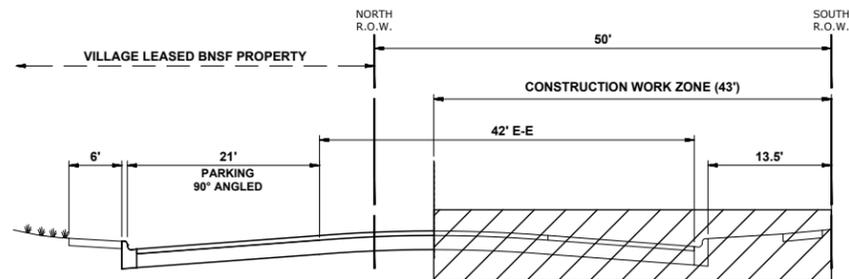


**TYPICAL SECTION DURING STAGE 3A CONSTRUCTION**

PRAIRIE AVENUE

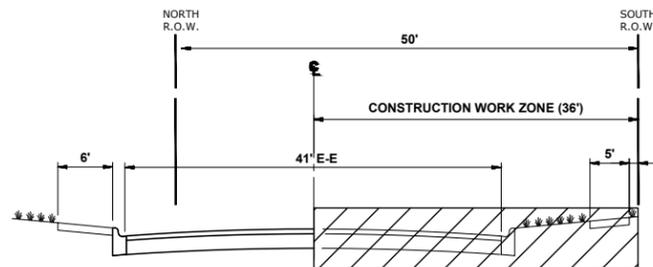
**LEGEND**

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



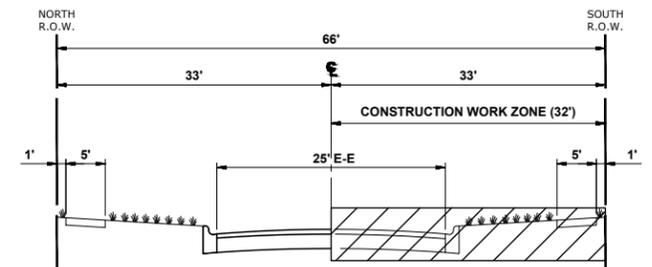
**TYPICAL SECTION DURING STAGE 3A CONSTRUCTION**

(PRAIRIE AVENUE TO STA. 46+42)



**TYPICAL SECTION DURING STAGE 3A CONSTRUCTION**

(STA. 46+42 TO FOREST AVENUE)



**TYPICAL SECTION DURING STAGE 3A CONSTRUCTION**

(FOREST AVENUE TO GROVE AVENUE)

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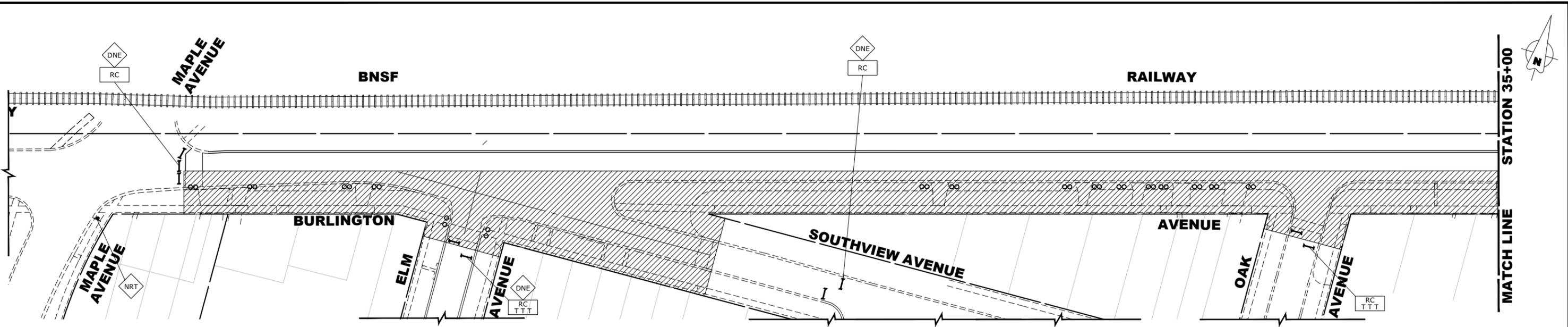
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 3A CONSTRUCTION**

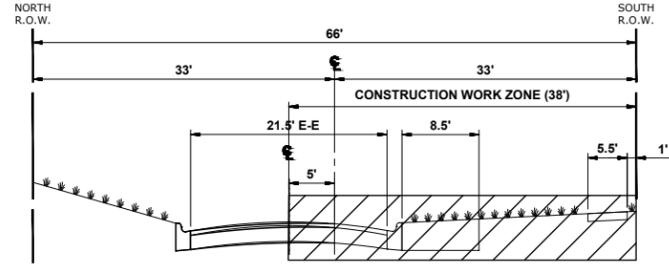
SCALE: 1" = 40' SHEET NO. 11 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	45
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



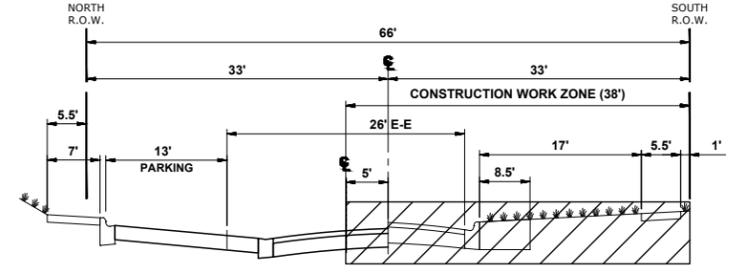
**STAGE 3B CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT ON THE SOUTH SIDE OF BURLINGTON AVENUE AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 21 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 21 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
7. STAGE 3B AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 3B CONSTRUCTION**

(MAPLE AVENUE TO SUNNYSIDE AVENUE)

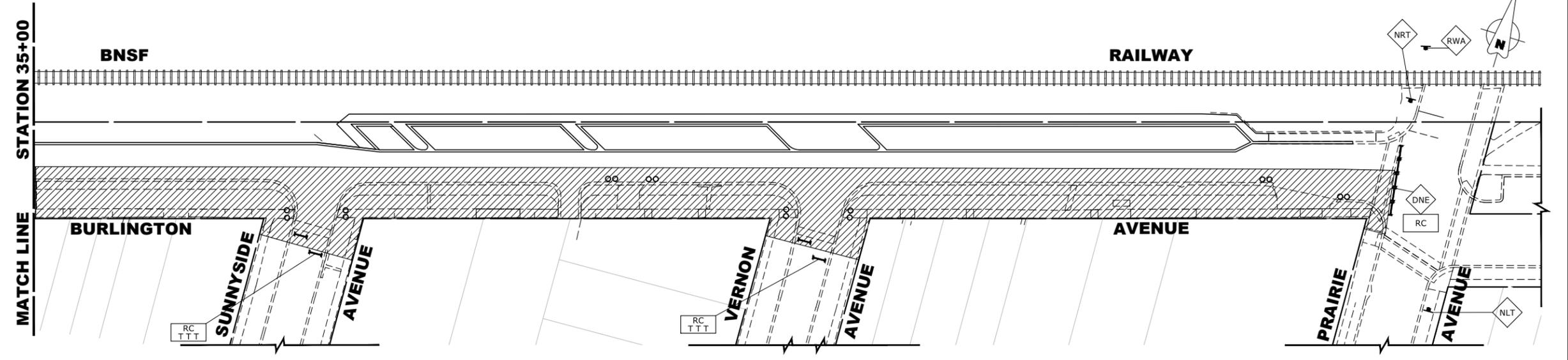


**TYPICAL SECTION DURING STAGE 3B CONSTRUCTION**

(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)

**LEGEND**

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



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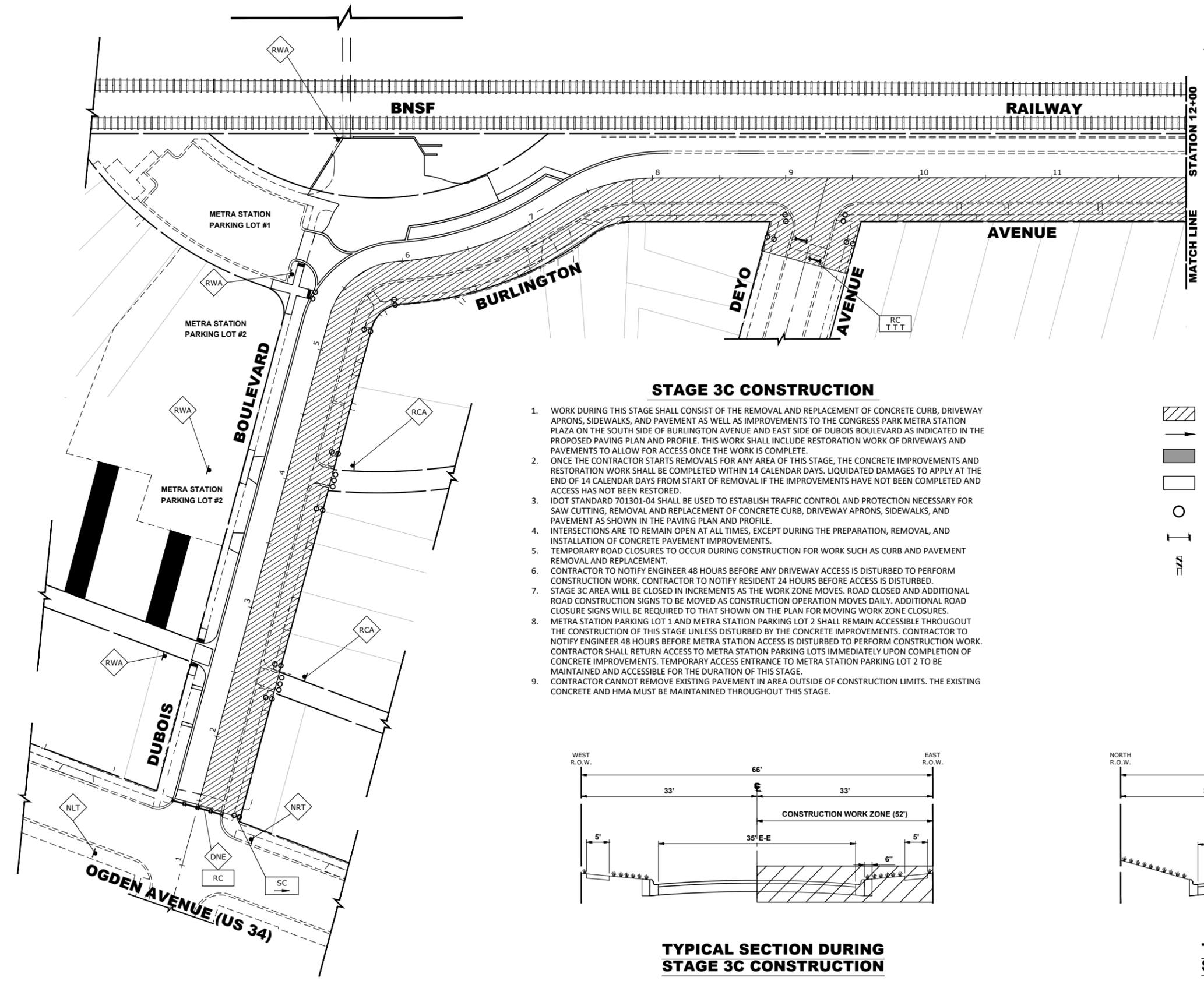
DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC PLAN STAGE 3B CONSTRUCTION</b>		
SCALE: 1" = 40'	SHEET NO. 12 OF 22 SHEETS	STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 46
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\by\_Village\Brookfield\2522252 - Burlington Ave Phase II\BF\_Site\Burlington\_MOT.dwg Sep 12, 2023 - 11:16am

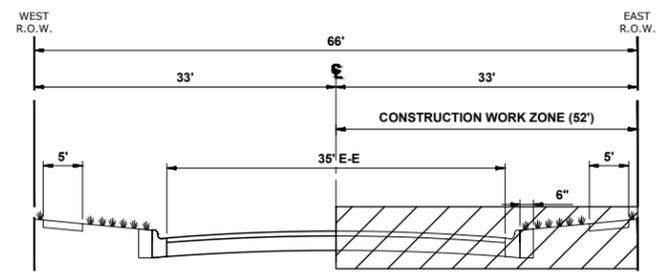


**STAGE 3C CONSTRUCTION**

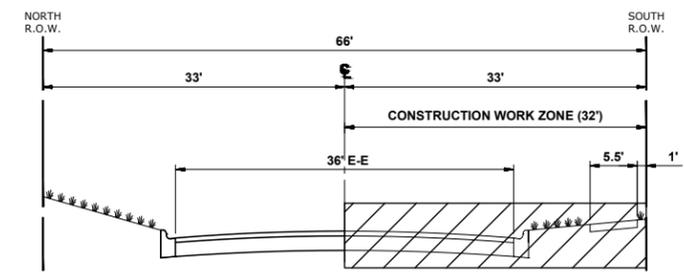
1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS WELL AS IMPROVEMENTS TO THE CONGRESS PARK METRA STATION PLAZA ON THE SOUTH SIDE OF BURLINGTON AVENUE AND EAST SIDE OF DUBOIS BOULEVARD AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF CONCRETE PAVEMENT IMPROVEMENTS.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
6. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. STAGE 3C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE CONCRETE IMPROVEMENTS. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
9. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.

**LEGEND**

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



**TYPICAL SECTION DURING STAGE 3C CONSTRUCTION**  
 DUBOIS BOULEVARD  
 (2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)



**TYPICAL SECTION DURING STAGE 3C CONSTRUCTION**  
 (DUBOIS BOULEVARD TO MAPLE AVENUE)

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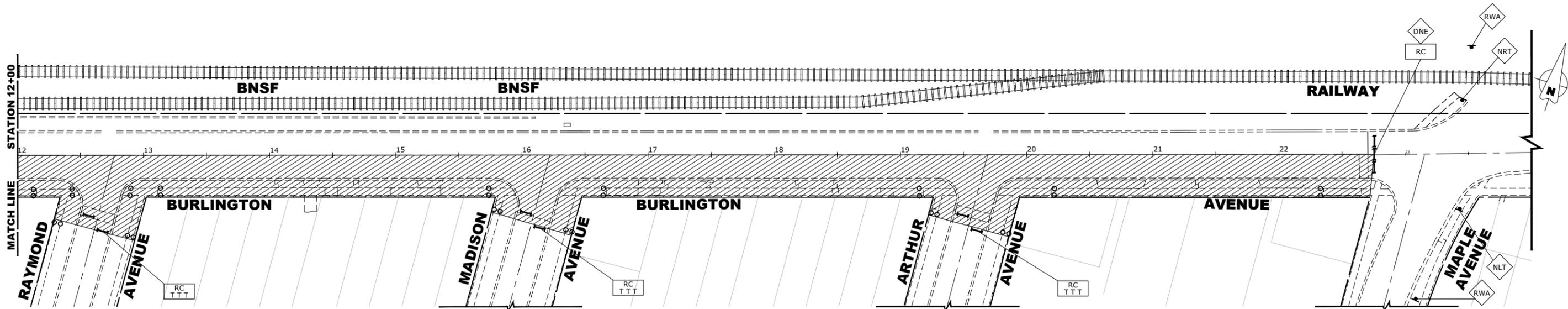
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
 STAGE 3C-1 CONSTRUCTION**

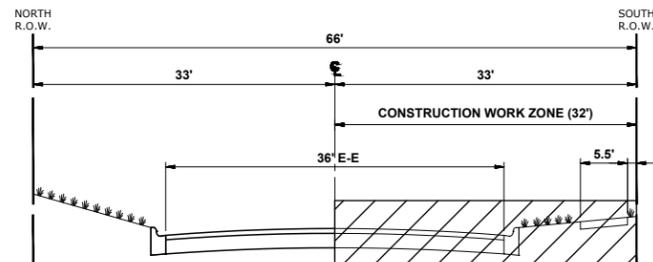
SCALE 1"=40'    SHEET NO. 43 OF 22 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	47
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 3C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS WELL AS IMPROVEMENTS TO THE CONGRESS PARK METRA STATION PLAZA ON THE SOUTH SIDE OF BURLINGTON AVENUE AND EAST SIDE OF DUBOIS BOULEVARD AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. THIS WORK SHALL INCLUDE RESTORATION WORK OF DRIVEWAYS AND PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONCRETE IMPROVEMENTS AND RESTORATION WORK SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM START OF REMOVAL IF THE IMPROVEMENTS HAVE NOT BEEN COMPLETED AND ACCESS HAS NOT BEEN RESTORED.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, REMOVAL AND REPLACEMENT OF CONCRETE CURB, DRIVEWAY APRONS, SIDEWALKS, AND PAVEMENT AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF CONCRETE PAVEMENT IMPROVEMENTS.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS CURB AND PAVEMENT REMOVAL AND REPLACEMENT.
6. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. STAGE 3C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE CONCRETE IMPROVEMENTS. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
9. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE.



**TYPICAL SECTION DURING STAGE 3C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

**LEGEND**

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

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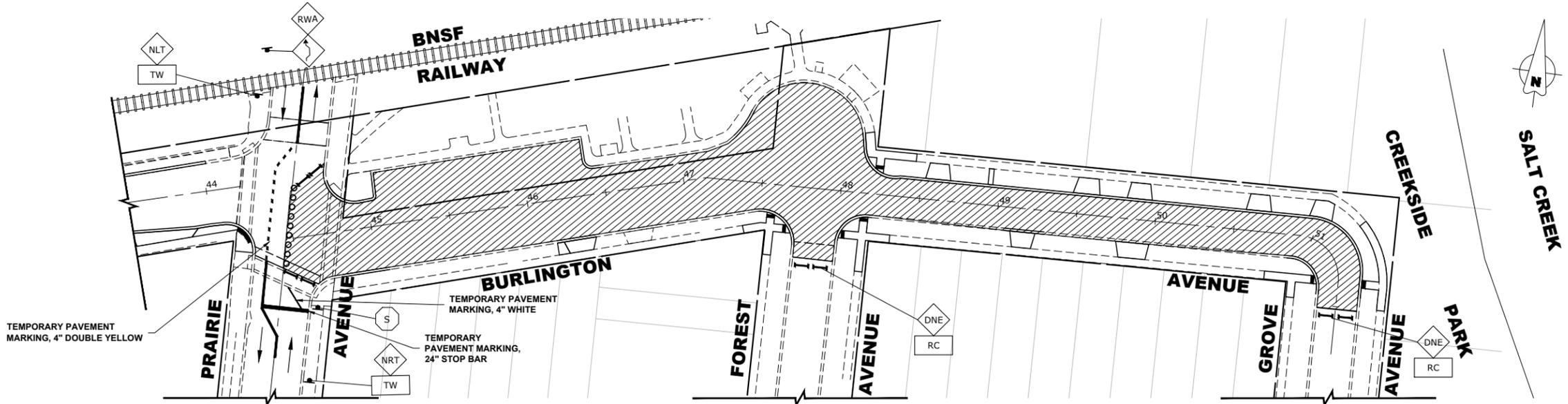
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 3C-2 CONSTRUCTION**

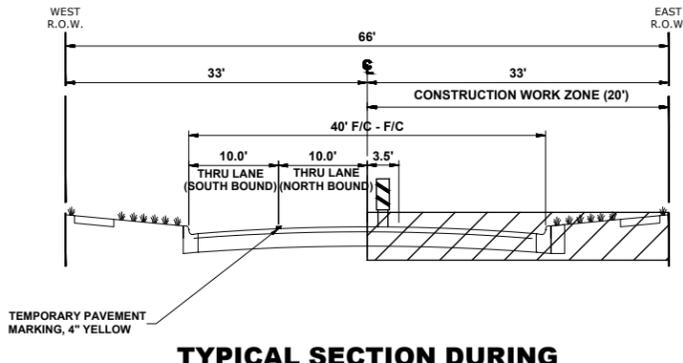
SCALE 1"=40' SHEET NO. 14 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	48
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 4A CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE MILLING OF PAVEMENT AND INSTALLATION OF HMA BINDER COURSE ON BURLINGTON AVENUE AS INDICATED IN THE PROPOSED PAVING PLAN AND PROFILE. PAVEMENT PATCHING MAY ALSO BE INCLUDED IN THIS STAGE ONCE THE MILLING HAS BEEN COMPLETED AND THE PAVEMENT CONDITION CAN BE ASSESSED.
2. ONCE THE PAVEMENT HAS BEEN MILLED, THE CONTRACTOR SHALL INSTALL THE HMA BINDER WITHIN 7 CALENDAR DAYS. IF THE ENGINEER DETERMINES THAT PAVEMENT PATCHING IS REQUIRED, THE CONTRACTOR WILL HAVE AN ADDITIONAL 7 CALENDAR DAYS FOR A TOTAL OF 14 CALENDAR DAYS FROM PAVEMENT MILLING TO REMOVE AND REPLACE THE PAVEMENT AND INSTALL 1ST LIFT OF HMA. LIQUIDATED DAMAGES TO APPLY AT THE END OF 7 CALENDAR DAYS FROM START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND NO PATCHING IS REQUIRED OR 14 CALENDAR DAYS FROM THE START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND PATCHING IS REQUIRED.
3. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, MILLING OF PAVEMENT, AND INSTALLATION OF HMA BINDER AS SHOWN IN THE PAVING PLAN AND PROFILE AND REMOVAL AND REPLACEMENT OF CONCRETE PAVEMENT AS NEEDED.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF UTILITY IMPROVEMENTS. TWO-WAY, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA BINDER.
7. THE BROOKFIELD METRA STATION AND METRA STATION PARKING ON THE NORTH PORTION OF THIS SECTION SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY PAVEMENT IMPROVEMENTS. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION AREA IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION AREA IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS.
8. ALL HMA SURFACE COURSE TO BE COMPLETED IN STAGE 5.
9. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE UNLESS INDICATED FOR REMOVAL ON THE PAVING PLAN OR BY THE ENGINEER.

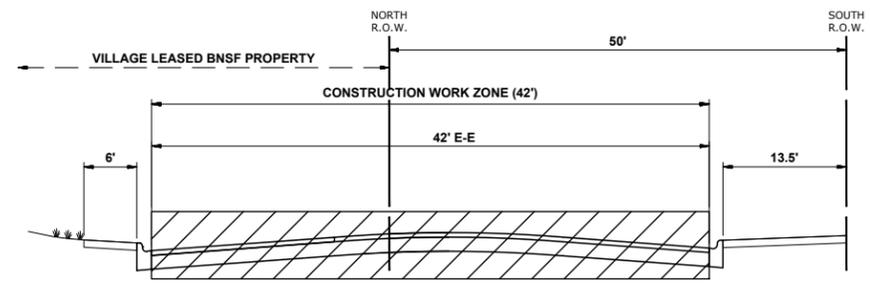


**TYPICAL SECTION DURING STAGE 4A CONSTRUCTION**

PRAIRIE AVENUE

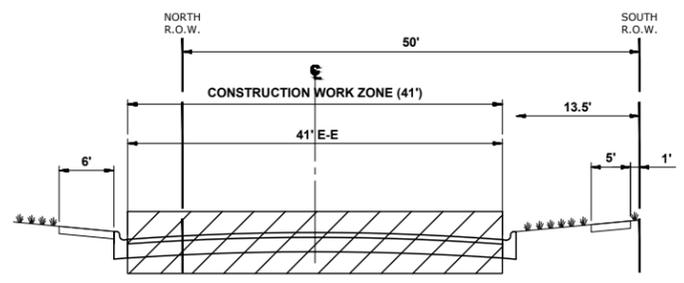
**LEGEND**

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



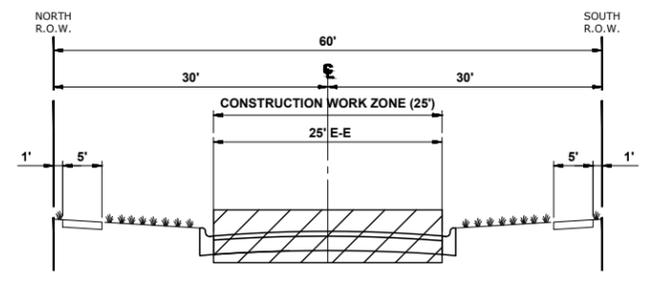
**TYPICAL SECTION DURING STAGE 4A CONSTRUCTION**

(PRAIRIE AVENUE TO STA. 46+42)



**TYPICAL SECTION DURING STAGE 4A CONSTRUCTION**

(STA. 46+42 TO FOREST AVENUE)



**TYPICAL SECTION DURING STAGE 4A CONSTRUCTION**

(FOREST AVENUE TO GROVE AVENUE)

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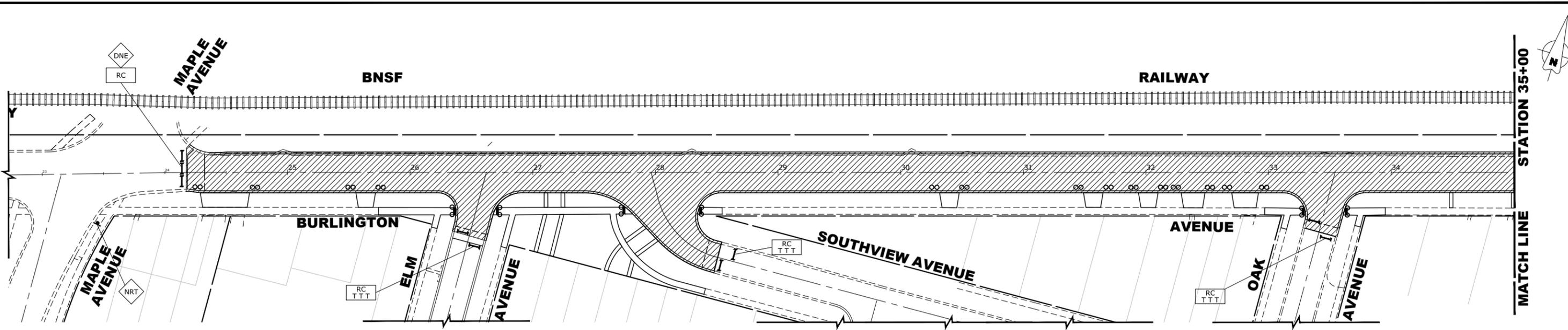
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CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

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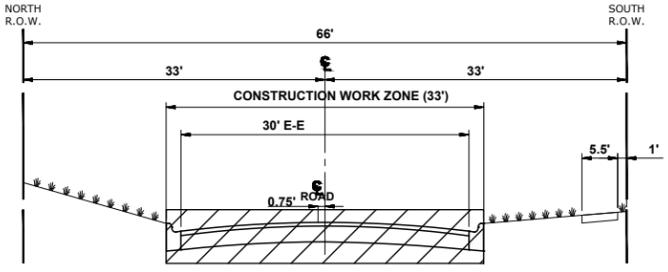
**MAINTENANCE OF TRAFFIC PLAN STAGE 4A CONSTRUCTION**  
 SCALE: 1" = 40'  
 SHEET NO. 15 OF 22 SHEETS  
 STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 49
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

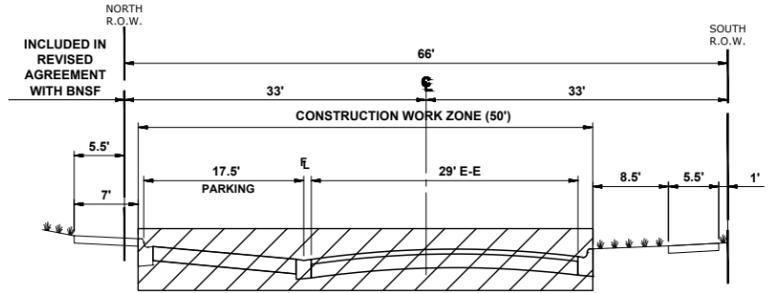


**STAGE 4B CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE, AND INSTALLATION OF HMA BINDER COURSE AS SHOWN ON THE PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS FOR ANY AREA OF THIS STAGE, THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE, AND HMA BINDER COURSE WITHIN 21 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 21 CALENDAR DAYS FROM THE START OF REMOVAL IF THE BINDER COURSE HAS NOT BEEN INSTALLED AND ACCESS HAS NOT BEEN RESTORED. HMA SURFACE COURSE SHALL NOT BE INCLUDED IN THE 21 CALENDAR DAYS.
3. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, EXCAVATION, AGGREGATE BASE INSTALLATION, AND INSTALLATION OF BINDER COURSE AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF PAVEMENT IMPROVEMENTS AND INSTALLATION OF THE BINDER COURSE.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF BINDER COURSE.
7. STAGE 4B AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. ALL HMA SURFACE COURSE TO BE COMPLETED IN STAGE 5.
9. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE UNLESS INDICATED FOR REMOVAL ON THE PAVING PLAN OR BY THE ENGINEER.



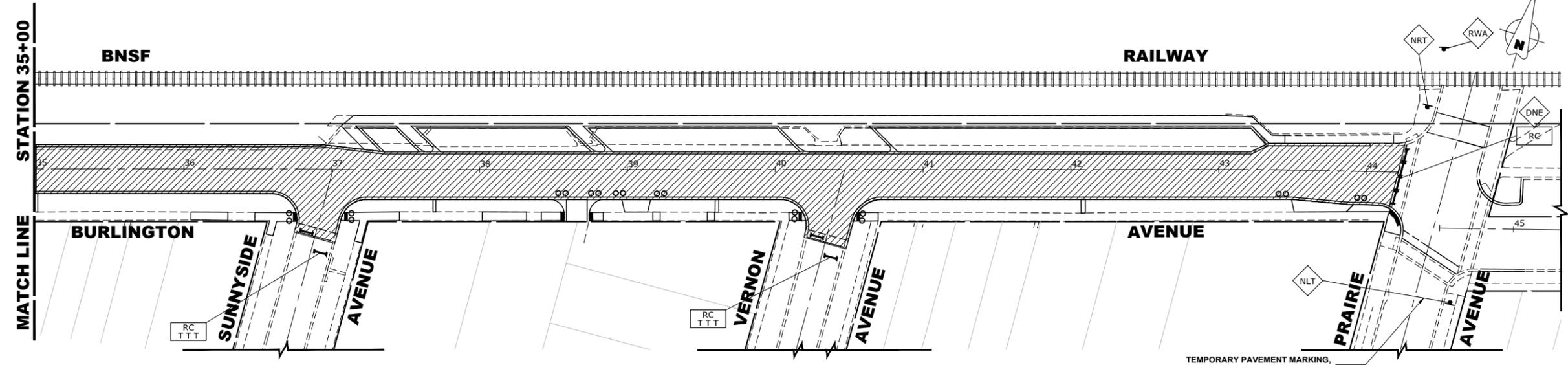
**TYPICAL SECTION DURING STAGE 4B CONSTRUCTION**  
(MAPLE AVENUE TO SUNNYSIDE AVENUE)



**TYPICAL SECTION DURING STAGE 4B CONSTRUCTION**  
(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)

**LEGEND**

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



TEMPORARY PAVEMENT MARKING, 24" STOP BAR

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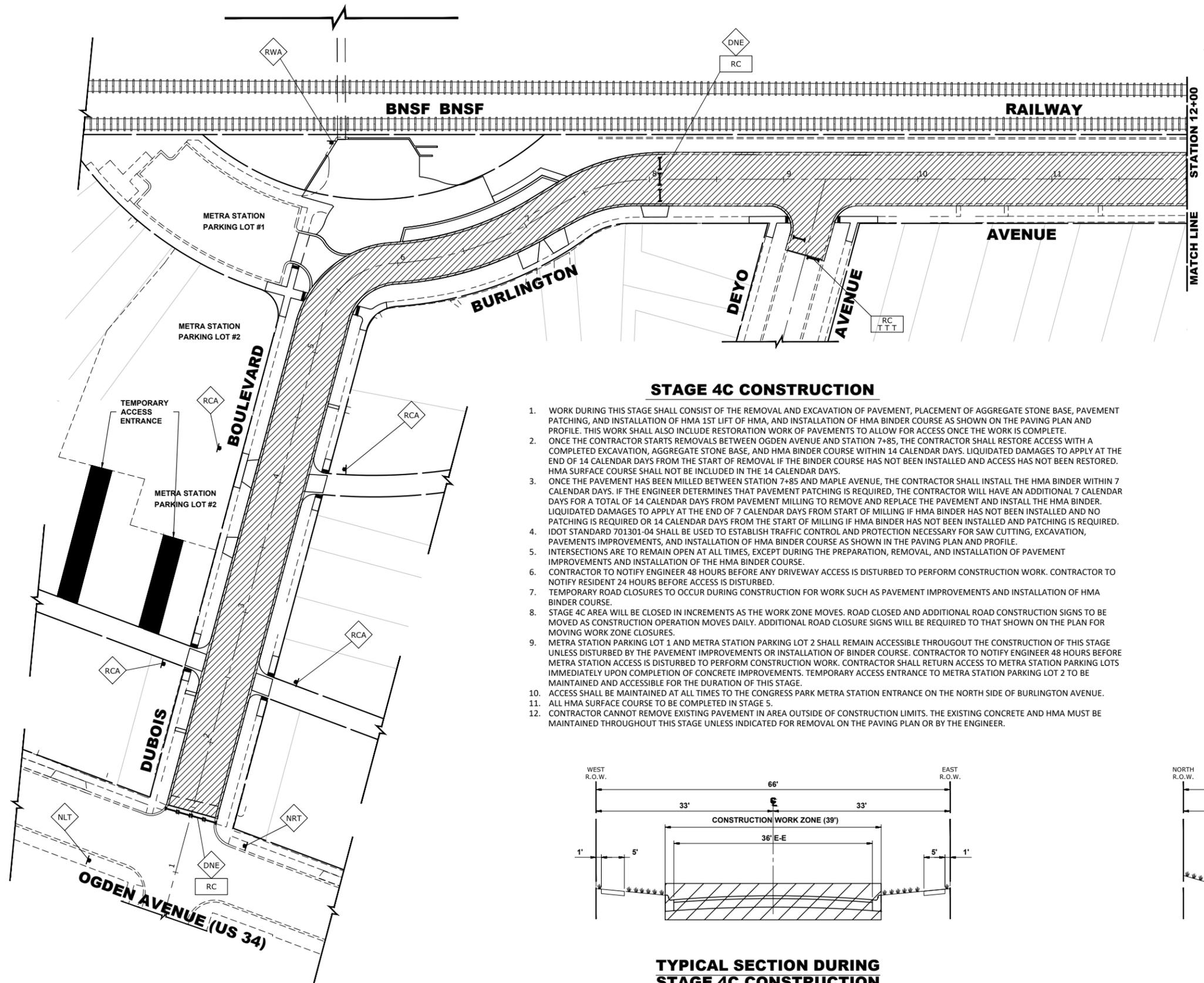
DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MAINTENANCE OF TRAFFIC PLAN STAGE 4B CONSTRUCTION</b>	
SCALE: 1" = 40'	SHEET NO. 16 OF 22 SHEETS STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 50
FIELD BOOK NO. 20-00133-00-FP		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\by\_Village\Brookfield\2522252 - Burlington Ave Phase II\BF\_Site\_Burlington\_MOT.dwg Sep 12, 2023 - 11:16am

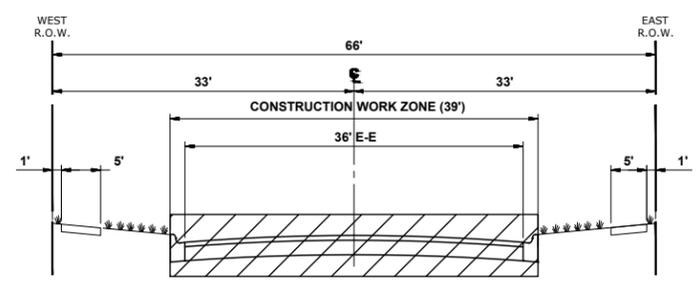


**STAGE 4C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE, PAVEMENT PATCHING, AND INSTALLATION OF HMA 1ST LIFT OF HMA, AND INSTALLATION OF HMA BINDER COURSE AS SHOWN ON THE PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS BETWEEN OGDEN AVENUE AND STATION 7+85, THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE, AND HMA BINDER COURSE WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM THE START OF REMOVAL IF THE BINDER COURSE HAS NOT BEEN INSTALLED AND ACCESS HAS NOT BEEN RESTORED. HMA SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
3. ONCE THE PAVEMENT HAS BEEN MILLED BETWEEN STATION 7+85 AND MAPLE AVENUE, THE CONTRACTOR SHALL INSTALL THE HMA BINDER WITHIN 7 CALENDAR DAYS. IF THE ENGINEER DETERMINES THAT PAVEMENT PATCHING IS REQUIRED, THE CONTRACTOR WILL HAVE AN ADDITIONAL 7 CALENDAR DAYS FOR A TOTAL OF 14 CALENDAR DAYS FROM PAVEMENT MILLING TO REMOVE AND REPLACE THE PAVEMENT AND INSTALL THE HMA BINDER. LIQUIDATED DAMAGES TO APPLY AT THE END OF 7 CALENDAR DAYS FROM START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND NO PATCHING IS REQUIRED OR 14 CALENDAR DAYS FROM THE START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND PATCHING IS REQUIRED. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, EXCAVATION, PAVEMENTS IMPROVEMENTS, AND INSTALLATION OF HMA BINDER COURSE AS SHOWN IN THE PAVING PLAN AND PROFILE.
4. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF PAVEMENT IMPROVEMENTS AND INSTALLATION OF THE HMA BINDER COURSE.
5. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
6. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA BINDER COURSE.
7. STAGE 4C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
8. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE PAVEMENT IMPROVEMENTS OR INSTALLATION OF BINDER COURSE. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
9. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
10. ALL HMA SURFACE COURSE TO BE COMPLETED IN STAGE 5.
11. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE UNLESS INDICATED FOR REMOVAL ON THE PAVING PLAN OR BY THE ENGINEER.

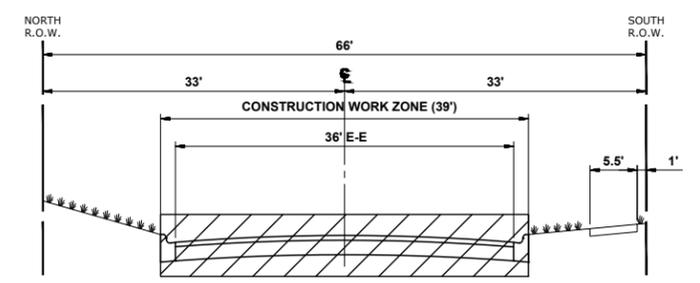
**LEGEND**

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



**TYPICAL SECTION DURING STAGE 4C CONSTRUCTION**

DUBOIS BOULEVARD  
(2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)



**TYPICAL SECTION DURING STAGE 4C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

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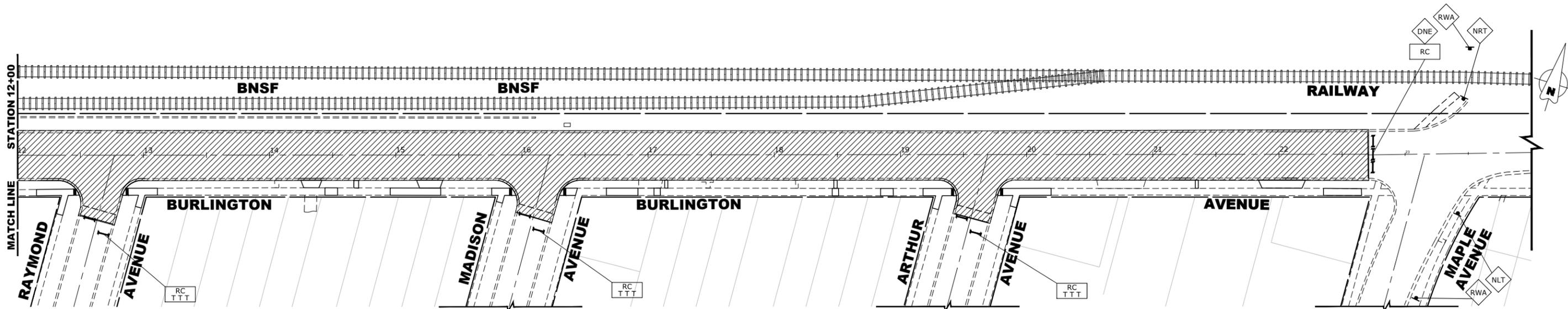
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 4C-1 CONSTRUCTION**

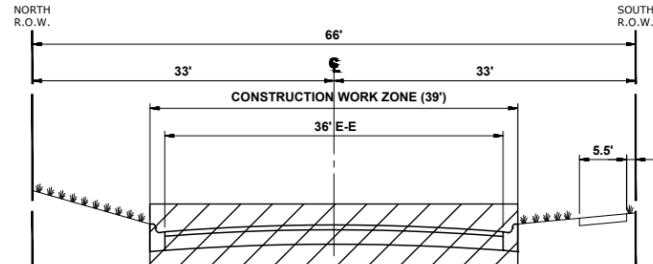
SCALE 1"=40' SHEET NO. 17 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	51
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 4C CONSTRUCTION**

1. WORK DURING THIS STAGE SHALL CONSIST OF THE REMOVAL AND EXCAVATION OF PAVEMENT, PLACEMENT OF AGGREGATE STONE BASE, PAVEMENT PATCHING, AND INSTALLATION OF HMA 1ST LIFT OF HMA, AND INSTALLATION OF HMA BINDER COURSE AS SHOWN ON THE PAVING PLAN AND PROFILE. THIS WORK SHALL ALSO INCLUDE RESTORATION WORK OF PAVEMENTS TO ALLOW FOR ACCESS ONCE THE WORK IS COMPLETE.
2. ONCE THE CONTRACTOR STARTS REMOVALS BETWEEN OGDEN AVENUE AND STATION 7+85, THE CONTRACTOR SHALL RESTORE ACCESS WITH A COMPLETED EXCAVATION, AGGREGATE STONE BASE, AND HMA BINDER COURSE WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES TO APPLY AT THE END OF 14 CALENDAR DAYS FROM THE START OF REMOVAL IF THE BINDER COURSE HAS NOT BEEN INSTALLED AND ACCESS HAS NOT BEEN RESTORED. HMA SURFACE COURSE SHALL NOT BE INCLUDED IN THE 14 CALENDAR DAYS.
3. ONCE THE PAVEMENT HAS BEEN MILLED BETWEEN STATION 7+85 AND MAPLE AVENUE, THE CONTRACTOR SHALL INSTALL THE HMA BINDER WITHIN 7 CALENDAR DAYS. IF THE ENGINEER DETERMINES THAT PAVEMENT PATCHING IS REQUIRED, THE CONTRACTOR WILL HAVE AN ADDITIONAL 7 CALENDAR DAYS FOR A TOTAL OF 14 CALENDAR DAYS FROM PAVEMENT MILLING TO REMOVE AND REPLACE THE PAVEMENT AND INSTALL THE HMA BINDER. LIQUIDATED DAMAGES TO APPLY AT THE END OF 7 CALENDAR DAYS FROM START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND NO PATCHING IS REQUIRED OR 14 CALENDAR DAYS FROM THE START OF MILLING IF HMA BINDER HAS NOT BEEN INSTALLED AND PATCHING IS REQUIRED.
4. IDOT STANDARD 701301-04 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION NECESSARY FOR SAW CUTTING, EXCAVATION, PAVEMENTS IMPROVEMENTS, AND INSTALLATION OF HMA BINDER COURSE AS SHOWN IN THE PAVING PLAN AND PROFILE.
5. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION, REMOVAL, AND INSTALLATION OF PAVEMENT IMPROVEMENTS AND INSTALLATION OF THE HMA BINDER COURSE.
6. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
7. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA BINDER COURSE.
8. STAGE 4C AREA WILL BE CLOSED IN INCREMENTS AS THE WORK ZONE MOVES. ROAD CLOSED AND ADDITIONAL ROAD CONSTRUCTION SIGNS TO BE MOVED AS CONSTRUCTION OPERATION MOVES DAILY. ADDITIONAL ROAD CLOSURE SIGNS WILL BE REQUIRED TO THAT SHOWN ON THE PLAN FOR MOVING WORK ZONE CLOSURES.
9. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE PAVEMENT IMPROVEMENTS OR INSTALLATION OF BINDER COURSE. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE.
10. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.
11. ALL HMA SURFACE COURSE TO BE COMPLETED IN STAGE 5.
12. CONTRACTOR CANNOT REMOVE EXISTING PAVEMENT IN AREA OUTSIDE OF CONSTRUCTION LIMITS. THE EXISTING CONCRETE AND HMA MUST BE MAINTAINED THROUGHOUT THIS STAGE UNLESS INDICATED FOR REMOVAL ON THE PAVING PLAN OR BY THE ENGINEER.



**TYPICAL SECTION DURING STAGE 4C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

**LEGEND**

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

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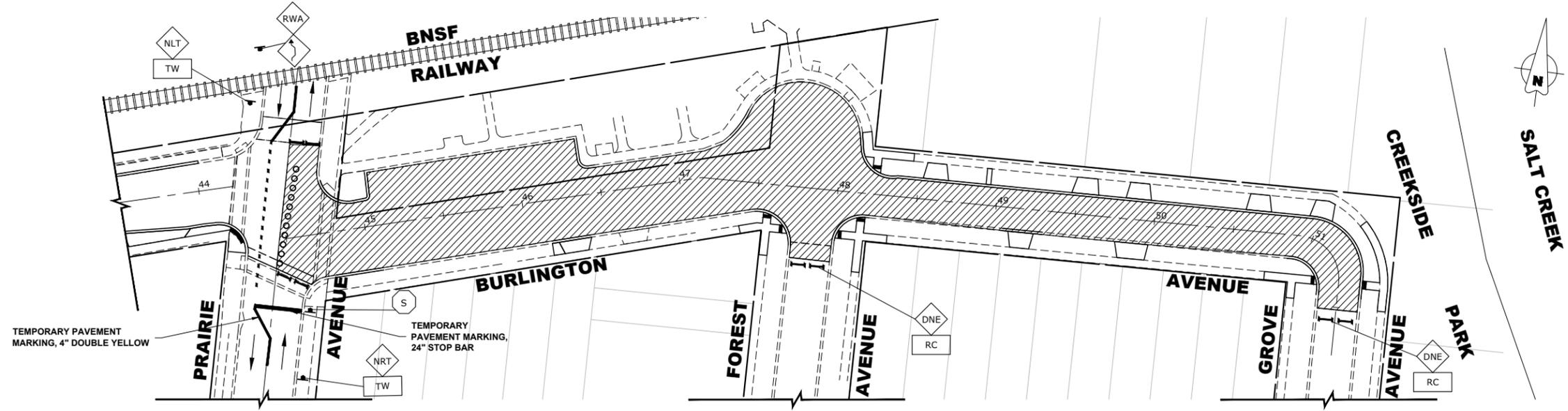
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 4C-2 CONSTRUCTION**

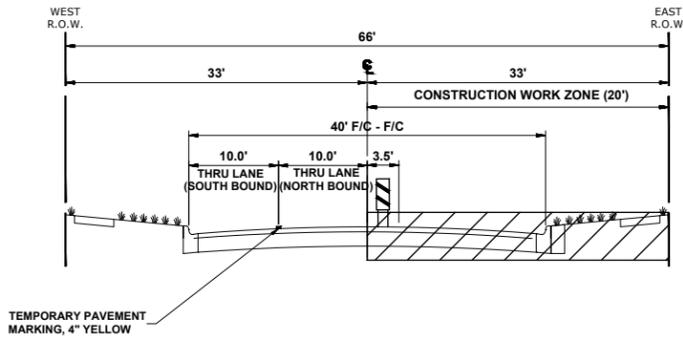
SCALE 1"=40' SHEET NO. 18 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	52
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 5A CONSTRUCTION**

1. WORK FOR THIS STAGE SHALL CONSIST OF STRUCTURE ADJUSTMENTS WITHIN THE PAVEMENT AND FINAL HMA SURFACE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR HMA SURFACE PAVING.
3. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION AND PLACEMENT OF HMA SURFACE COURSE.
4. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA SURFACE.
6. THE BROOKFIELD METRA STATION AND METRA STATION PARKING ON THE NORTH PORTION OF THIS SECTION SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY HMA SURFACE PLACEMENT. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION AREA IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION AREA IMMEDIATELY UPON COMPLETION OF HMA SURFACE COURSE INSTALLATION.
7. TWO-TRAFFIC, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.

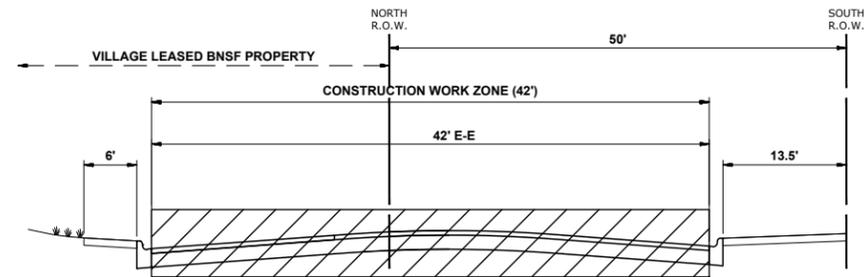


**TYPICAL SECTION DURING STAGE 5A CONSTRUCTION**

PRAIRIE AVENUE

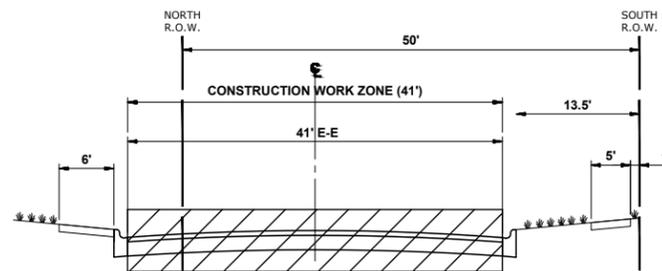
**LEGEND**

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



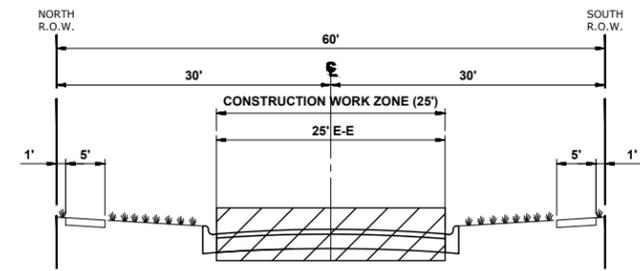
**TYPICAL SECTION DURING STAGE 5A CONSTRUCTION**

(PRAIRIE AVENUE TO STA. 46+42)



**TYPICAL SECTION DURING STAGE 5A CONSTRUCTION**

(STA. 46+42 TO FOREST AVENUE)



**TYPICAL SECTION DURING STAGE 5A CONSTRUCTION**

(FOREST AVENUE TO GROVE AVENUE)

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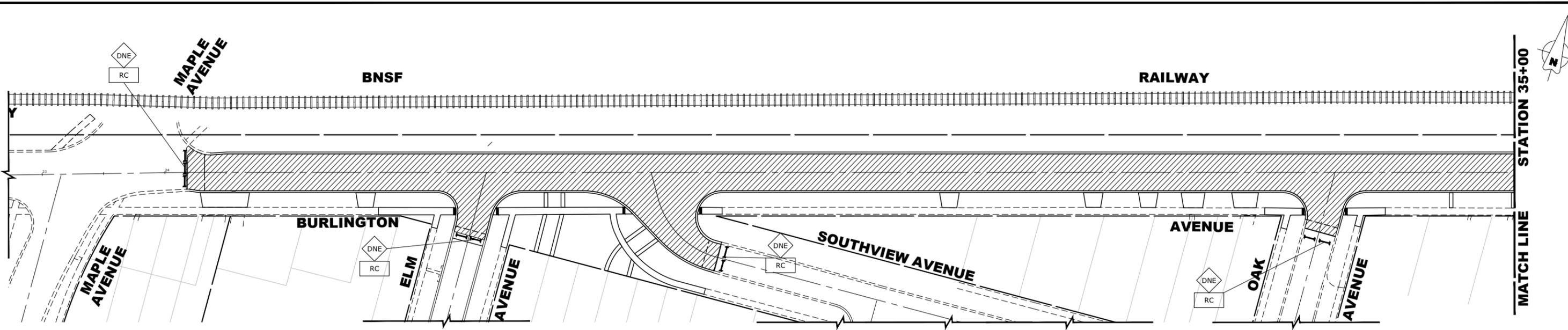
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 5A CONSTRUCTION**

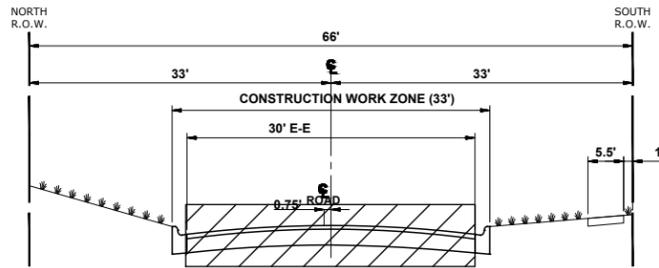
SCALE: 1" = 40' SHEET NO. 19 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	53
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

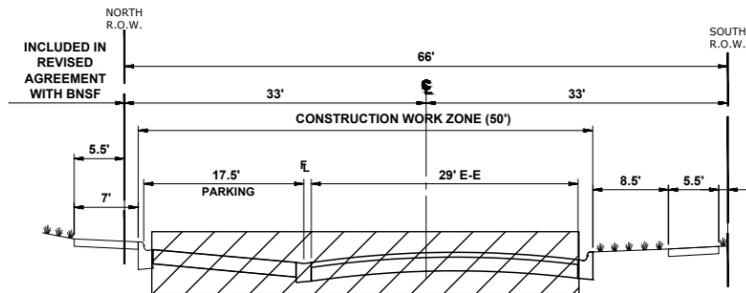


**STAGE 5B CONSTRUCTION**

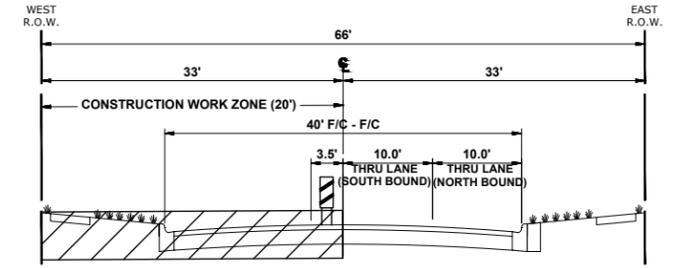
1. WORK FOR THIS STAGE SHALL CONSIST OF STRUCTURE ADJUSTMENTS WITHIN THE PAVEMENT AND FINAL HMA SURFACE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR HMA SURFACE PAVING.
3. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION AND PLACEMENT OF HMA SURFACE COURSE.
4. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA SURFACE.
6. TWO-TRAFFIC, NORTH-SOUTH TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE BY USE OF SIGNAGE AND TEMPORARY PAVEMENT MARKINGS.



**TYPICAL SECTION DURING STAGE 5B CONSTRUCTION**  
(MAPLE AVENUE TO SUNNYSIDE AVENUE)



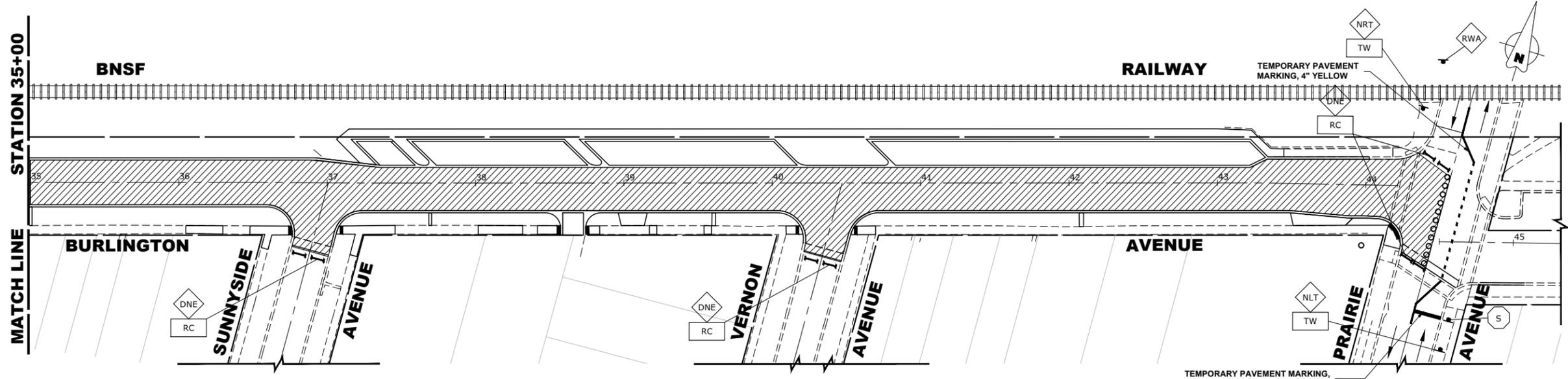
**TYPICAL SECTION DURING STAGE 5B CONSTRUCTION**  
(SUNNYSIDE AVENUE TO PRAIRIE AVENUE)



**TYPICAL SECTION DURING STAGE 5B CONSTRUCTION**  
PRAIRIE AVENUE

**LEGEND**

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



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DATE -	8-7-23	REVISED -	

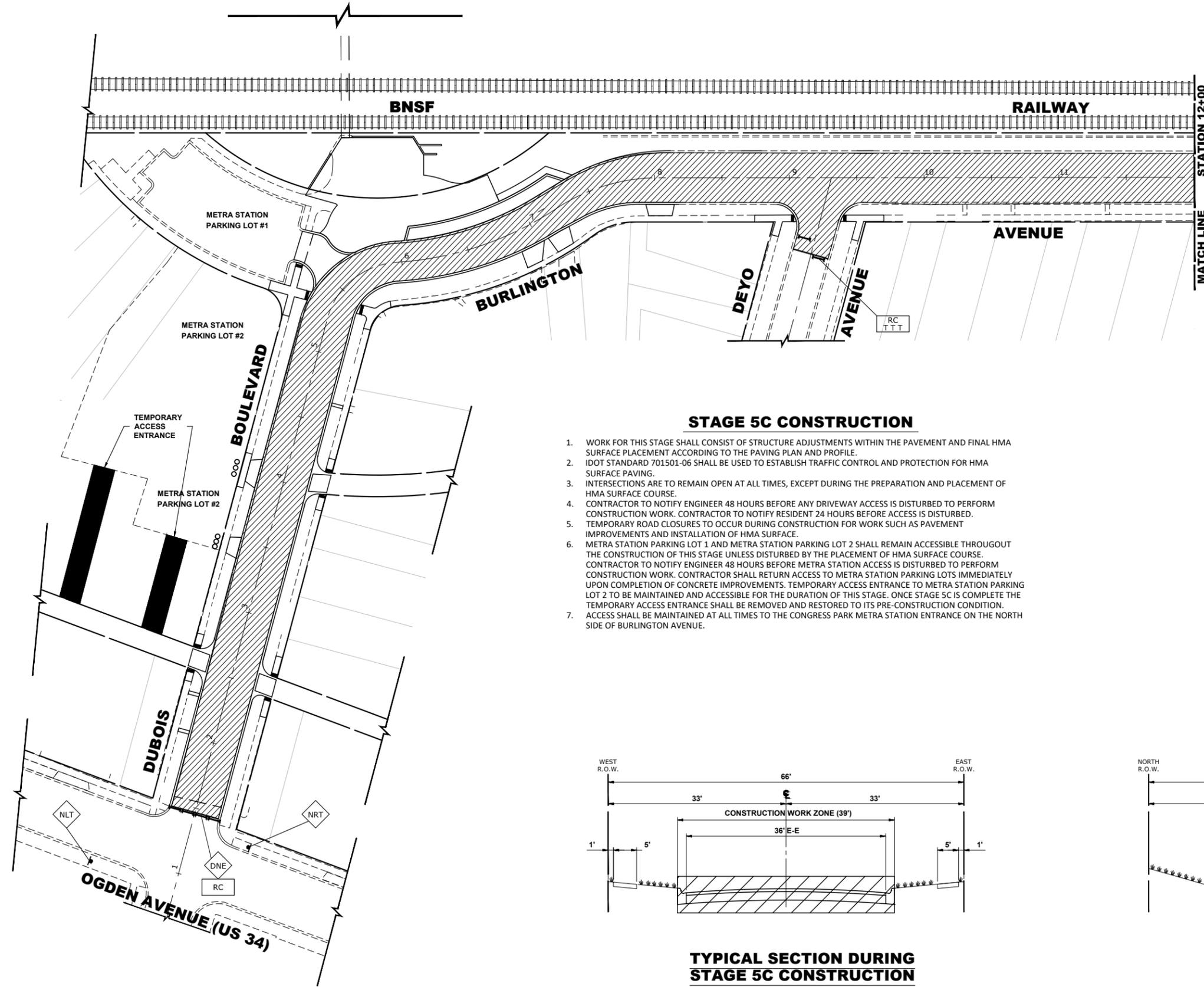
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN**  
**STAGE 5B CONSTRUCTION**

SCALE: 1" = 40'    SHEET NO. 20 OF 22 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	54
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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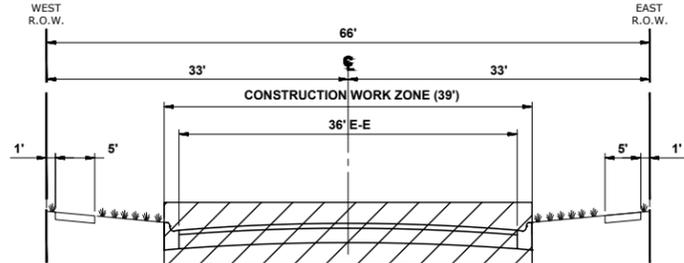


**STAGE 5C CONSTRUCTION**

1. WORK FOR THIS STAGE SHALL CONSIST OF STRUCTURE ADJUSTMENTS WITHIN THE PAVEMENT AND FINAL HMA SURFACE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR HMA SURFACE PAVING.
3. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION AND PLACEMENT OF HMA SURFACE COURSE.
4. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA SURFACE.
6. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE PLACEMENT OF HMA SURFACE COURSE. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE. ONCE STAGE 5C IS COMPLETE THE TEMPORARY ACCESS ENTRANCE SHALL BE REMOVED AND RESTORED TO ITS PRE-CONSTRUCTION CONDITION.
7. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.

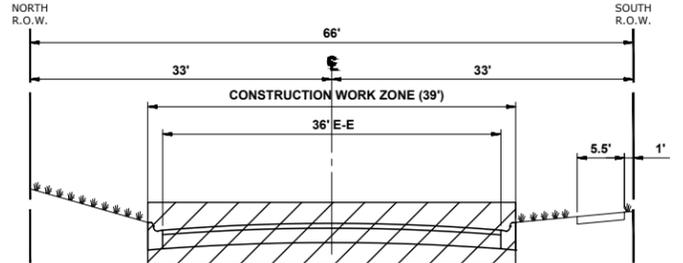
**LEGEND**

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



**TYPICAL SECTION DURING STAGE 5C CONSTRUCTION**

**DUBOIS BOULEVARD (2' NORTH OF OGDEN AVENUE TO BURLINGTON AVENUE)**



**TYPICAL SECTION DURING STAGE 5C CONSTRUCTION**

**(DUBOIS BOULEVARD TO MAPLE AVENUE)**

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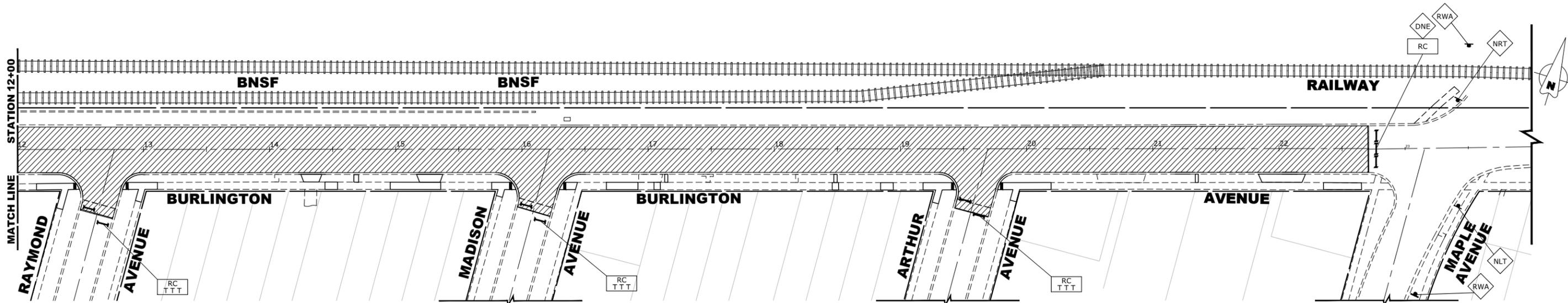
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN  
STAGE 5C-1 CONSTRUCTION**

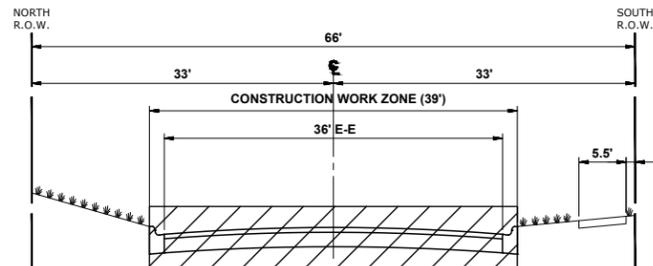
SCALE 1"=40' SHEET NO. 21 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	55
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**STAGE 5C CONSTRUCTION**

1. WORK FOR THIS STAGE SHALL CONSIST OF STRUCTURE ADJUSTMENTS WITHIN THE PAVEMENT AND FINAL HMA SURFACE PLACEMENT ACCORDING TO THE PAVING PLAN AND PROFILE.
2. IDOT STANDARD 701501-06 SHALL BE USED TO ESTABLISH TRAFFIC CONTROL AND PROTECTION FOR HMA SURFACE PAVING.
3. INTERSECTIONS ARE TO REMAIN OPEN AT ALL TIMES, EXCEPT DURING THE PREPARATION AND PLACEMENT OF HMA SURFACE COURSE.
4. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE ANY DRIVEWAY ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR TO NOTIFY RESIDENT 24 HOURS BEFORE ACCESS IS DISTURBED.
5. TEMPORARY ROAD CLOSURES TO OCCUR DURING CONSTRUCTION FOR WORK SUCH AS PAVEMENT IMPROVEMENTS AND INSTALLATION OF HMA SURFACE.
6. METRA STATION PARKING LOT 1 AND METRA STATION PARKING LOT 2 SHALL REMAIN ACCESSIBLE THROUGHOUT THE CONSTRUCTION OF THIS STAGE UNLESS DISTURBED BY THE PLACEMENT OF HMA SURFACE COURSE. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS BEFORE METRA STATION ACCESS IS DISTURBED TO PERFORM CONSTRUCTION WORK. CONTRACTOR SHALL RETURN ACCESS TO METRA STATION PARKING LOTS IMMEDIATELY UPON COMPLETION OF CONCRETE IMPROVEMENTS. TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT 2 TO BE MAINTAINED AND ACCESSIBLE FOR THE DURATION OF THIS STAGE. ONCE STAGE 5C IS COMPLETE THE TEMPORARY ACCESS ENTRANCE SHALL BE REMOVED AND RESTORED TO ITS PRE-CONSTRUCTION CONDITION.
7. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE CONGRESS PARK METRA STATION ENTRANCE ON THE NORTH SIDE OF BURLINGTON AVENUE.



**TYPICAL SECTION DURING STAGE 5C CONSTRUCTION**

(DUBOIS BOULEVARD TO MAPLE AVENUE)

**LEGEND**

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

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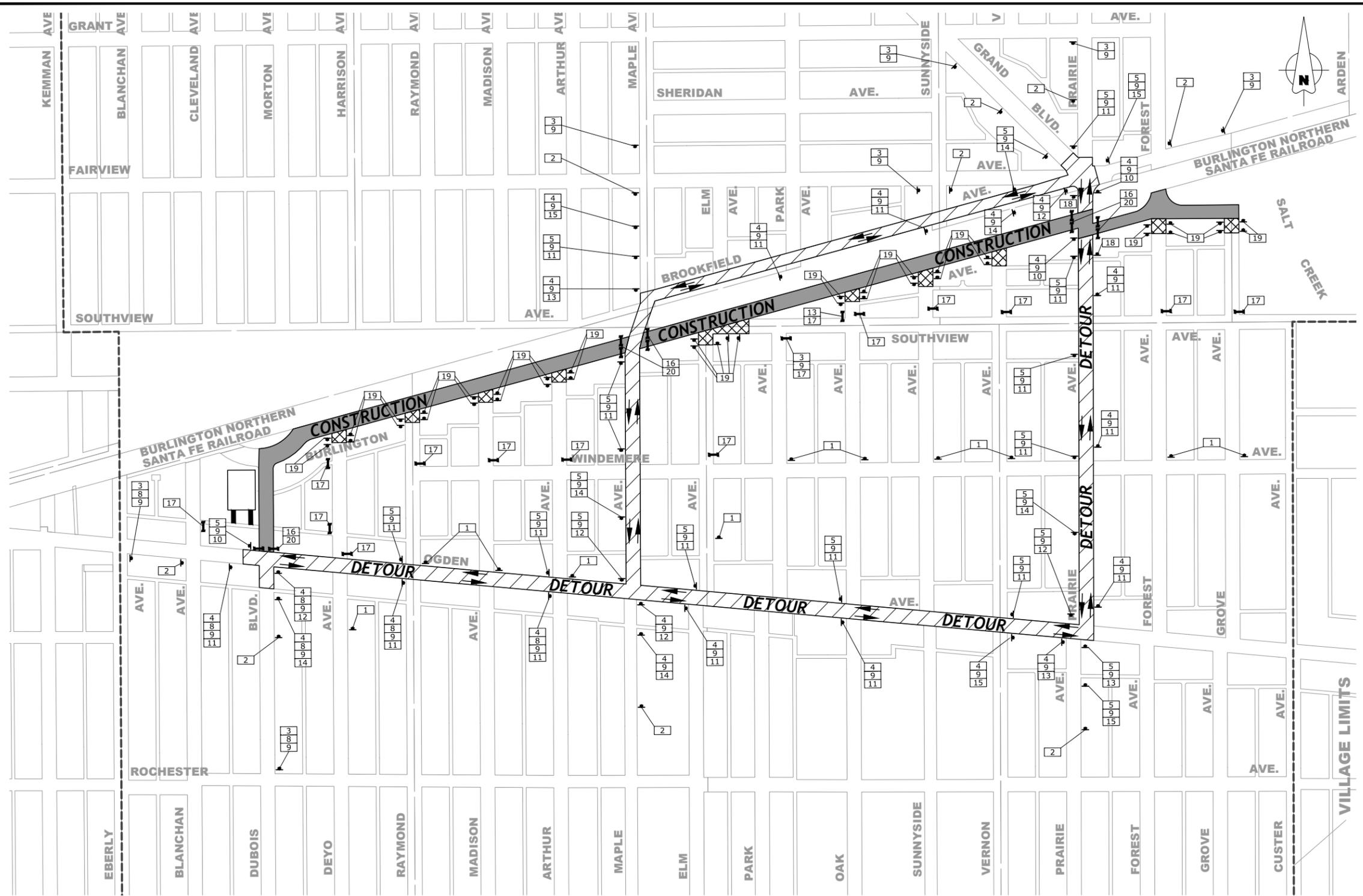
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**MAINTENANCE OF TRAFFIC PLAN  
STAGE 5C-2 CONSTRUCTION**

SCALE 1"=40' SHEET NO. 22 OF 22 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	56
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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LEGEND OF SYMBOLS		
SYMBOL	DESCRIPTION	CODE & SIZE
1	ROAD CLOSED AHEAD	W20-3 48"x48"
2	DETOUR AHEAD	W20-2 48"x48"
3	ROAD CONSTRUCTION AHEAD	W20-1103 48"x48"
4	EAST	M3-2(O) 24"x12"
5	WEST	M3-4(O) 24"x12"
6	NORTH	M3-1(O) 24"x12"
7	SOUTH	M3-3(O) 24"x12"
8	Dubois Boulevard	M4-8 36"x12"
9	Burlington Avenue	M4-8 36"x12"
10	END DETOUR	M4-8 24"x18"
11	DETOUR	M4-9 30"x24"
12	DETOUR	M4-9 30"x24"
13	DETOUR	M4-9 30"x24"
14	DETOUR	M4-9R 24"x30"
15	DETOUR	M4-9L 24"x30"
16	ROAD CLOSED	R11-4 60"x30"
17	ROAD CLOSED TO THRU TRAFFIC	R11-4 60"x30"
18	NO PARKING	W6-3(O) 48"x48"
19	NO PARKING	R7-1 12"x18"
20	NO PARKING	R5-1 30"x30"

**I** TYPE III BARRICADE

### TEMPORARY ACCESS LEGEND

- TEMPORARY ACCESS ENTRANCE
- TURN AROUND ZONE

### NOTES:

- ALL LOCAL DETOURS SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.
- BURLINGTON AVE. AND DUBOIS BLVD. TO BE DETOURED.
- TEMPORARY ACCESS TO INTERSECTIONS AND RESIDENTIAL DRIVEWAYS TO BE MAINTAINED AT ALL TIMES UNLESS DIRECTLY IMPACTED BY CONSTRUCTION.
- TWO-WAY TRAFFIC TO BE MAINTAINED AT ALL TIMES AT PRAIRIE AVENUE AND BURLINGTON AVENUE INTERSECTION.
- TEMPORARY ACCESS ENTRANCE TO METRA STATION PARKING LOT #2 TO BE INSTALLED IN STAGE 1 AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

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**DETOUR PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	57
FIELD BOOK NO. :		CONTRACT NO. 61J89		
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):

- 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.
- 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.
- TOP SOIL AND EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- AS THE CONTRACTOR CONSTRUCTS THE UNDERGROUND IMPROVEMENTS, THEY SHALL ADHERE TO THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
  - PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND ENTERS THE CONSTRUCTION ZONE.
- 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.
- 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".
- 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.
- 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.
- 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.
- THE TEMPORARY EROSION CONTROL SYSTEM SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER ITS USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

## 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)
- INLET FILTER SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETED. FILTERS WILL BE INSPECTED WEEKLY AND THE CONTRACTOR WILL BE NOTIFIED OF ANY CORRECTIVE MEASURES THAT WILL BE REQUIRED TO BE MADE BY THE CONTRACTOR.

## DOCUMENTATION

- 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.
- 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

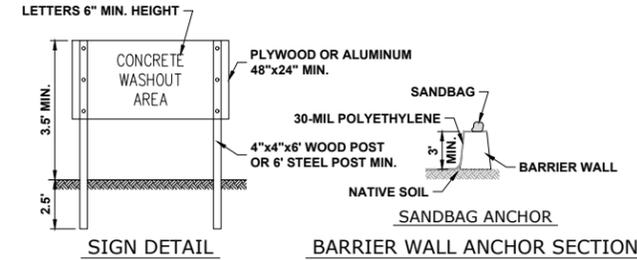
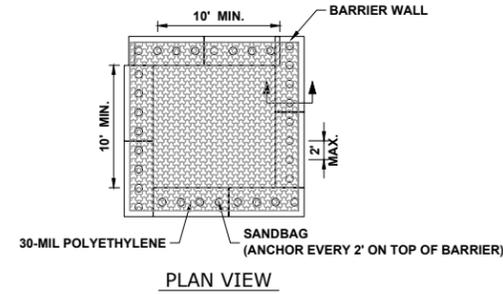
THE TOTAL AREA DISTURBED BY CONSTRUCTION ACTIVITIES IS APPROXIMATELY 2.14 ACRES.

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):

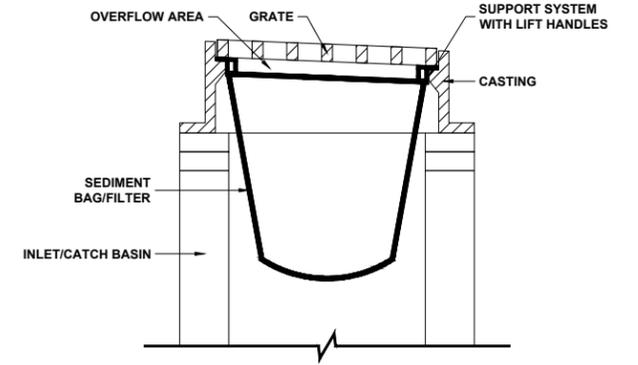
- CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.
- AREAS WILL BE INSPECTED ON A REGULAR BASIS BY THE ENGINEER AND THE VILLAGE.
- MAINTENANCE CREWS WILL ALSO AID IN ANY DRAINAGE PROBLEMS.
- ALL MAINTENANCE WILL BE CONDUCTED AT TIMES WHEN WEATHER CONDITIONS WILL NOT CAUSE 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.



## 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.

## CONCRETE WASHOUT (BARRIER WALL)



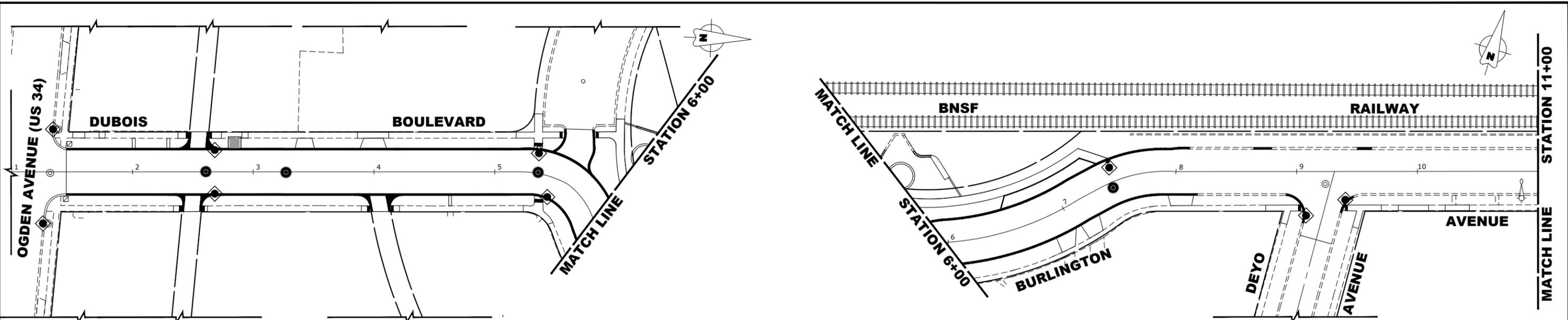
## INLET/CATCH BASIN PROTECTION (DROP-IN PROTECTION)

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

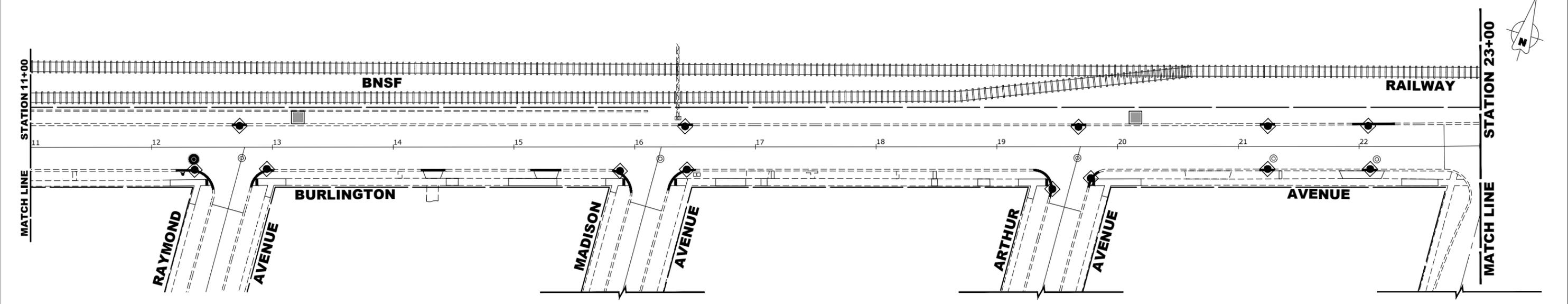
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0655	20-00133-00-FP	COOK	108	58
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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LEGEND	
	INLET FILTERS
	CONCRETE WASH-OUT AREA



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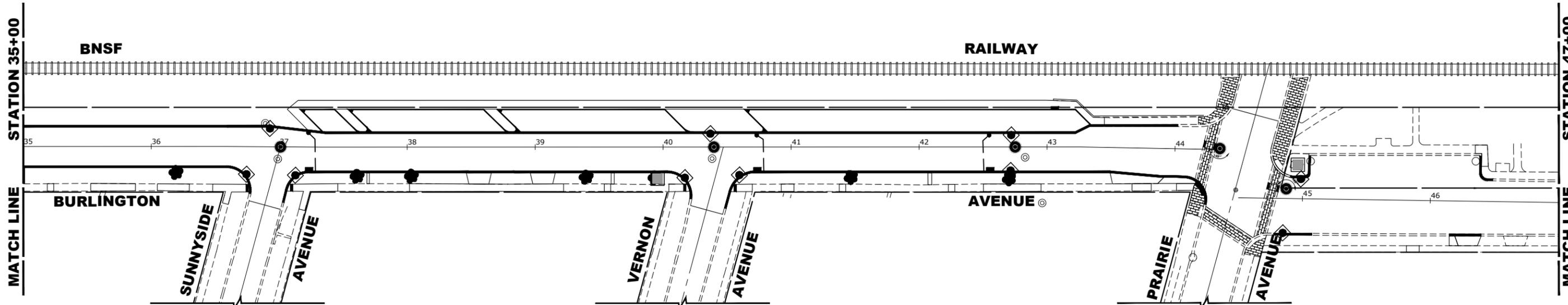
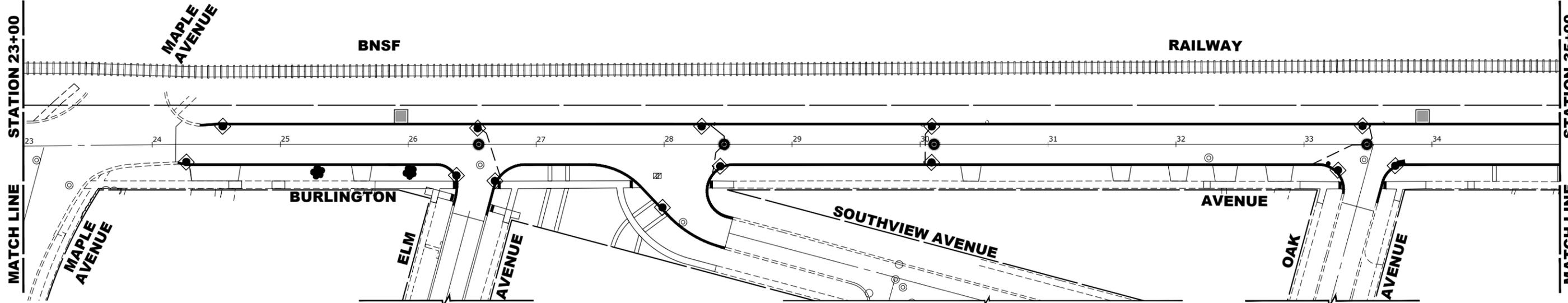
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**EROSION CONTROL PLAN AND SWPPP**

SCALE: 1" = 40'    SHEET NO. 2 OF 4 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	59
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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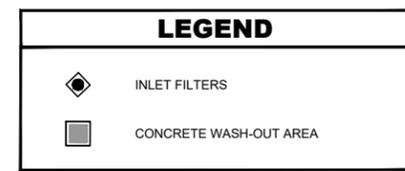
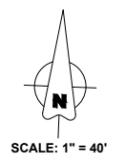
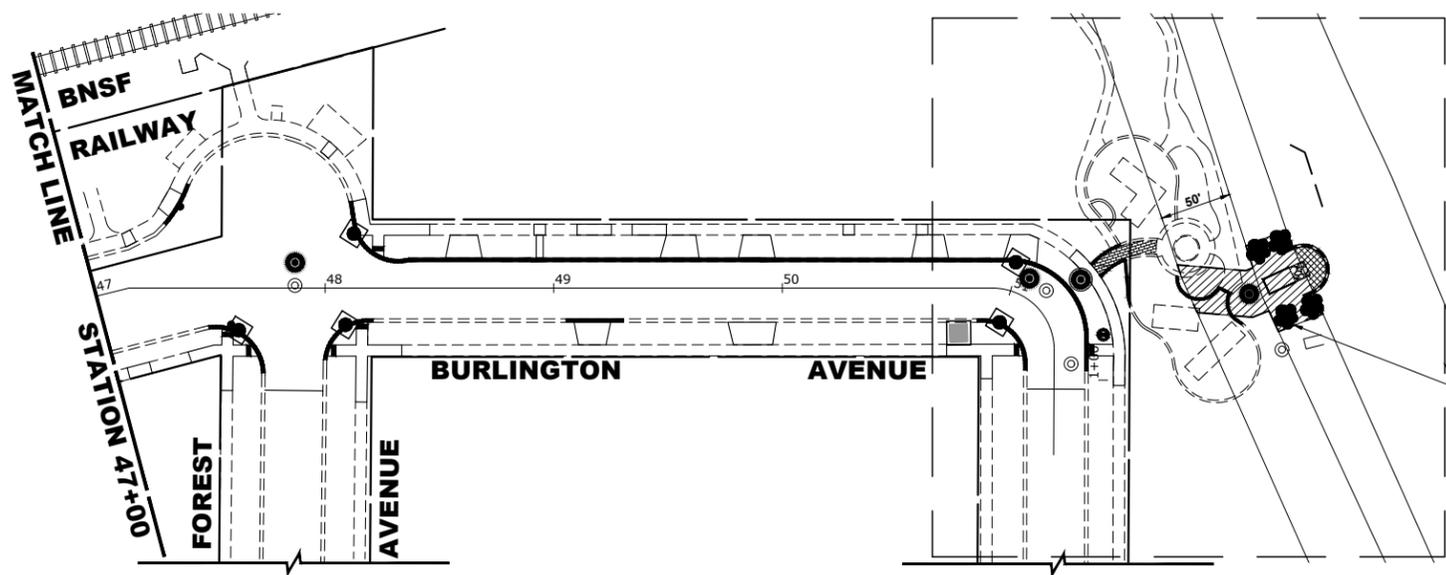
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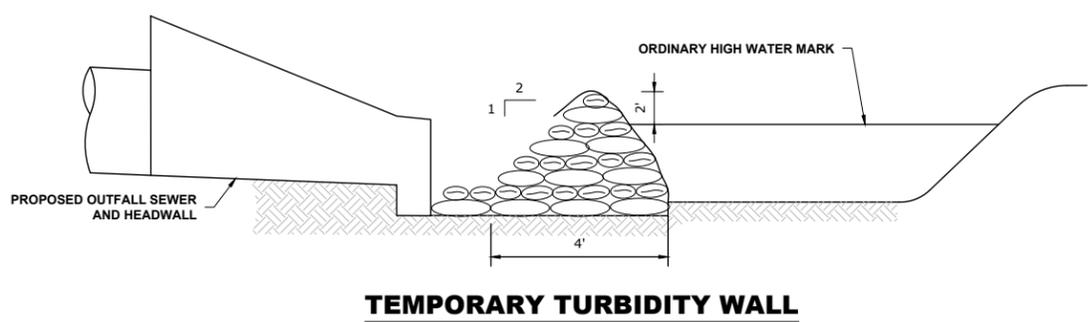
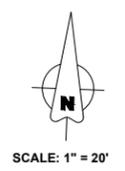
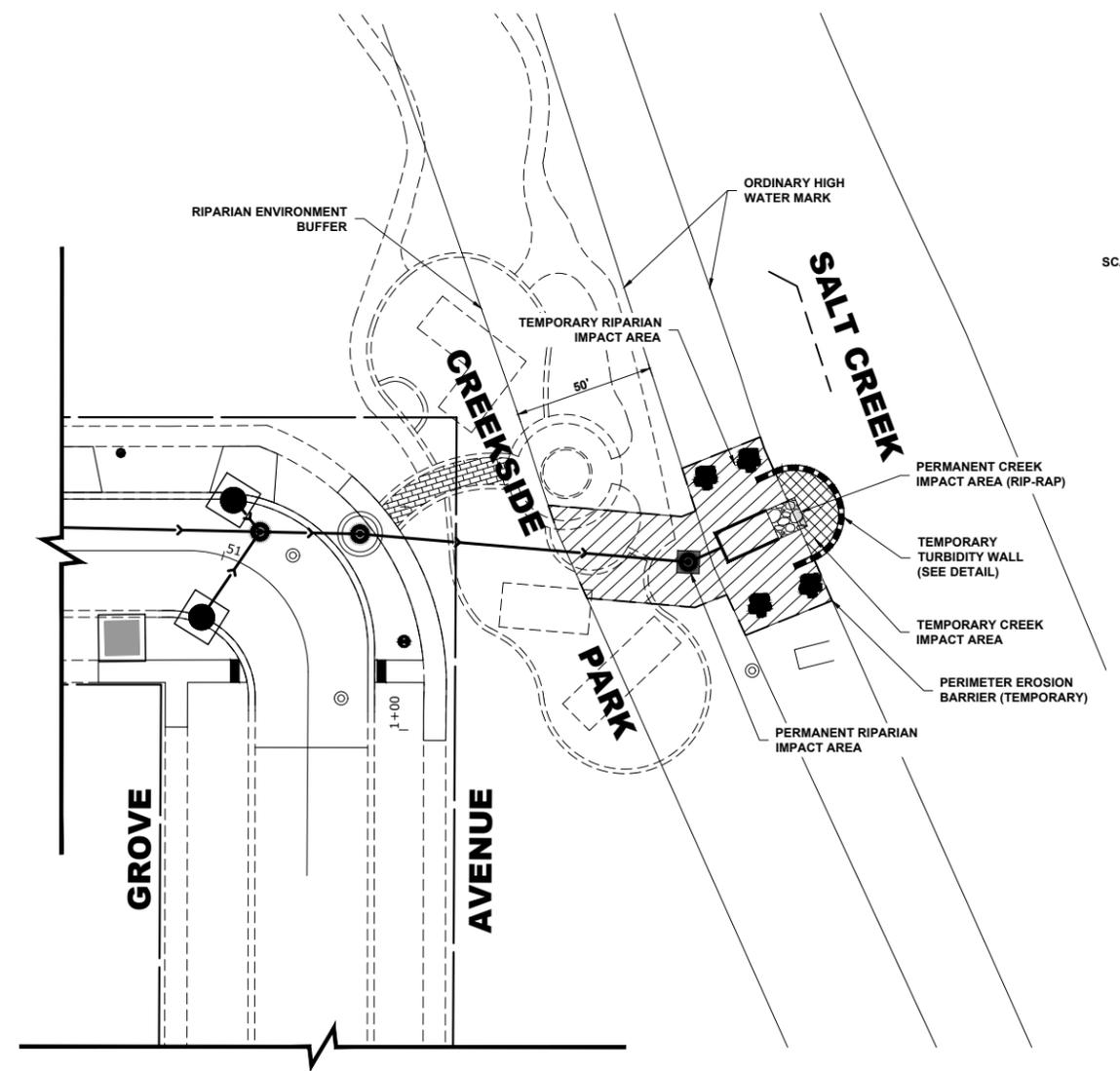
**EROSION CONTROL PLAN AND SWPPP**

SCALE: 1" = 40'    SHEET NO. 3 OF 4 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	60
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



SEE DETAIL "A"



**TEMPORARY TURBIDITY WALL**

**DETAIL "A"**

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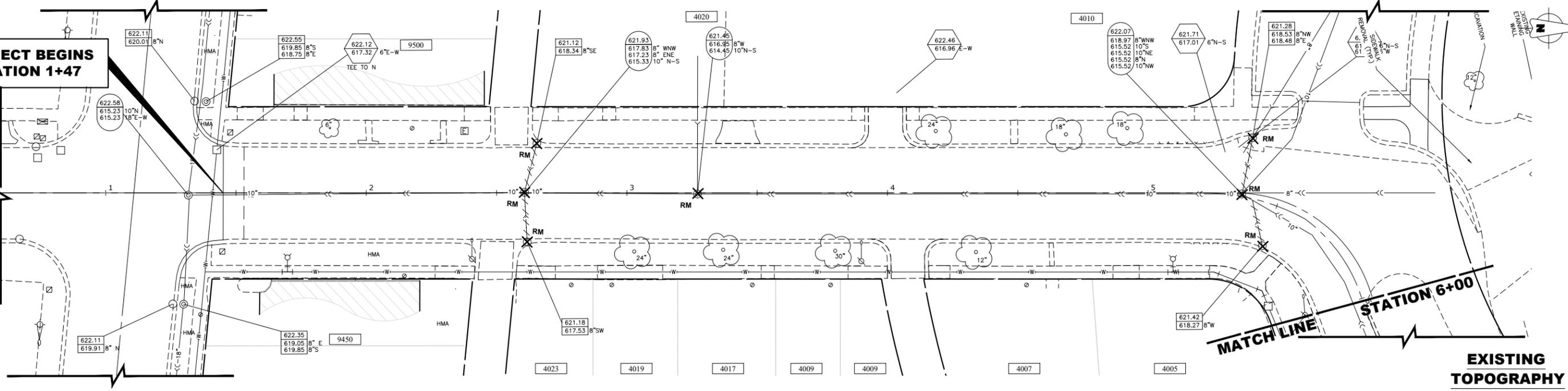
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EROSION CONTROL PLAN AND SWPPP			
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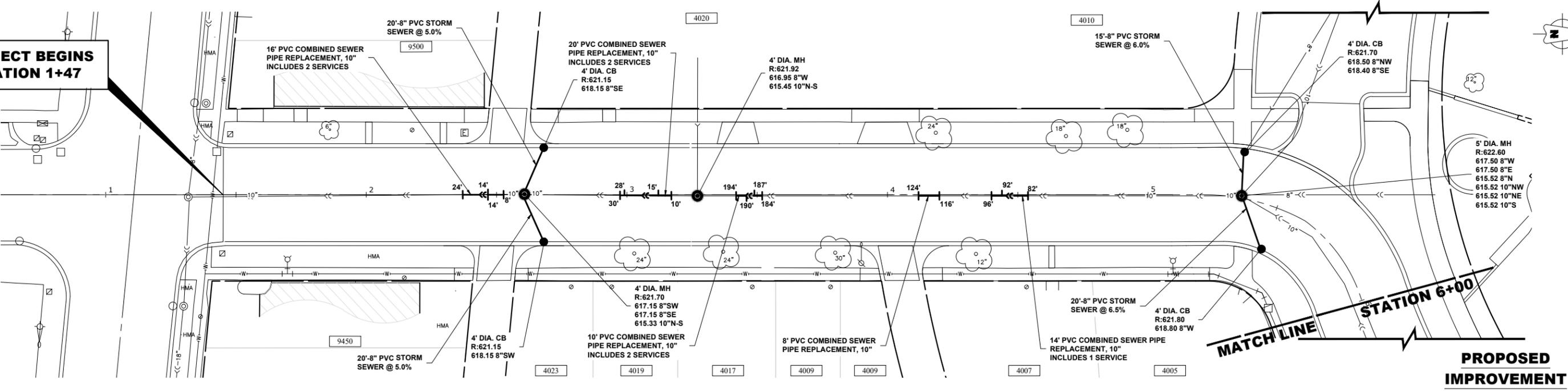
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0655	20-00133-00-FP	COOK	108	61
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

**PROJECT BEGINS  
STATION 1+47**

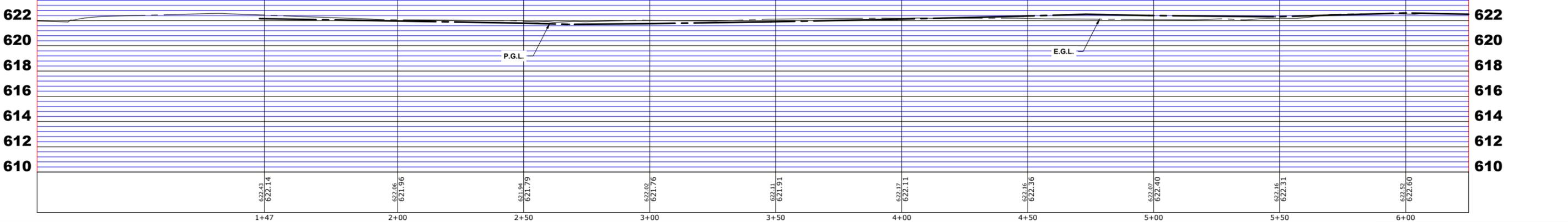


**EXISTING  
TOPOGRAPHY**

**PROJECT BEGINS  
STATION 1+47**



**PROPOSED  
IMPROVEMENT**



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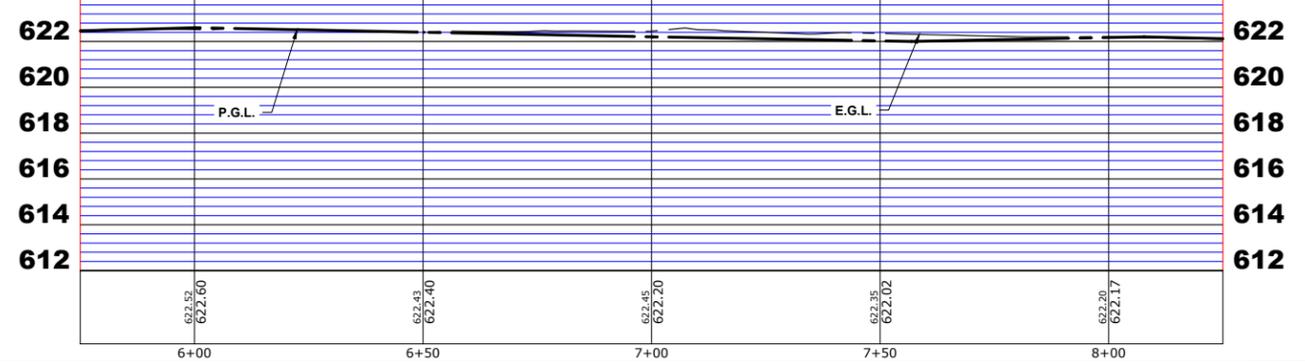
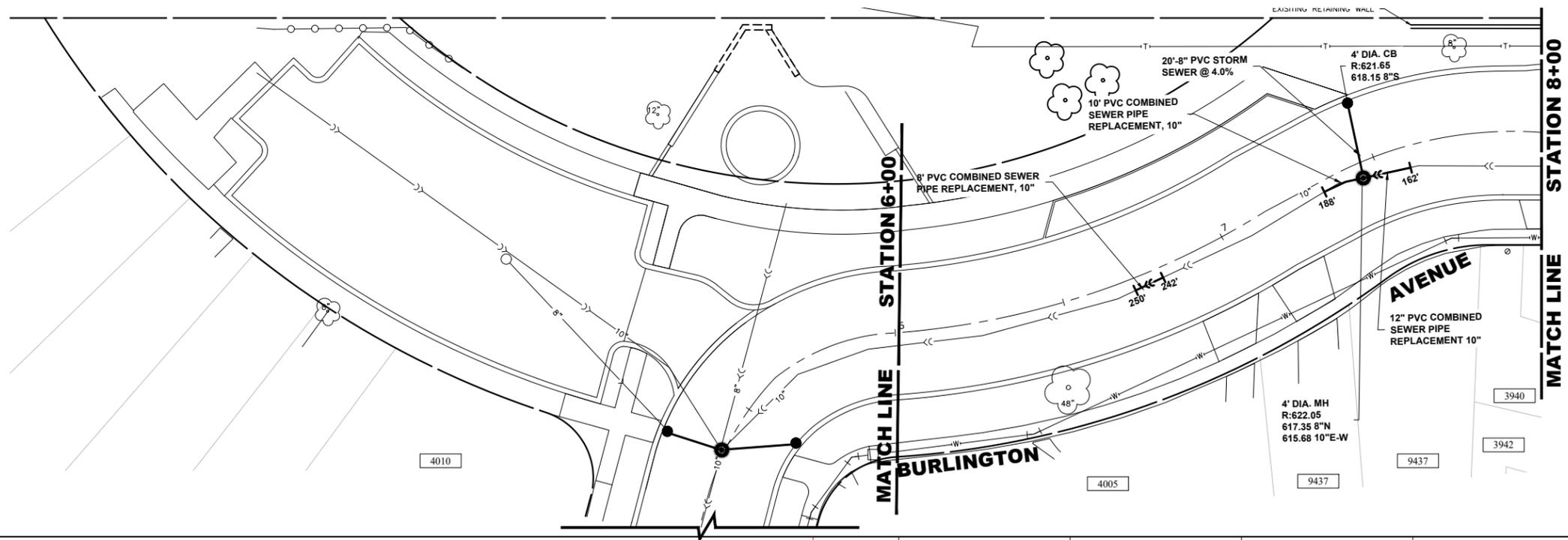
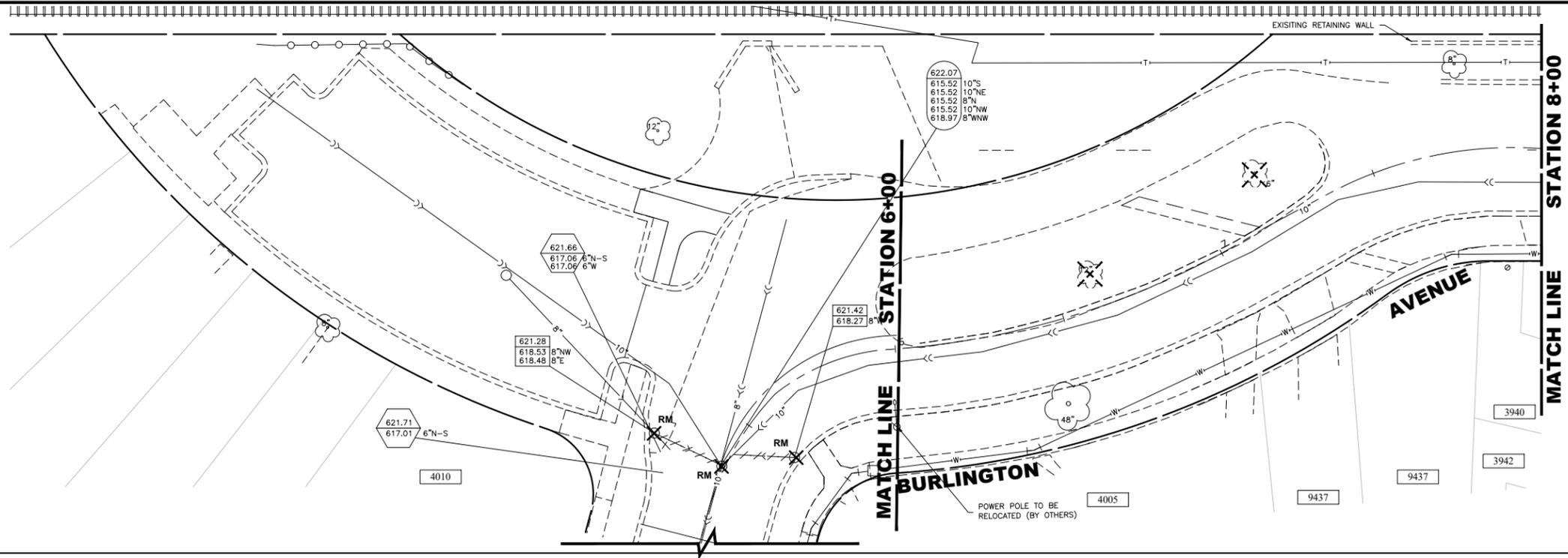
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**DUBOIS BOULEVARD  
UTILITIES PLAN AND PROFILE**

SCALE: 1"=20', V: 1"=4'    SHEET NO. 1 OF 12 SHEETS    STA. 1+00 TO STA. 6+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-PP	COOK	108	62
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS / FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201



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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

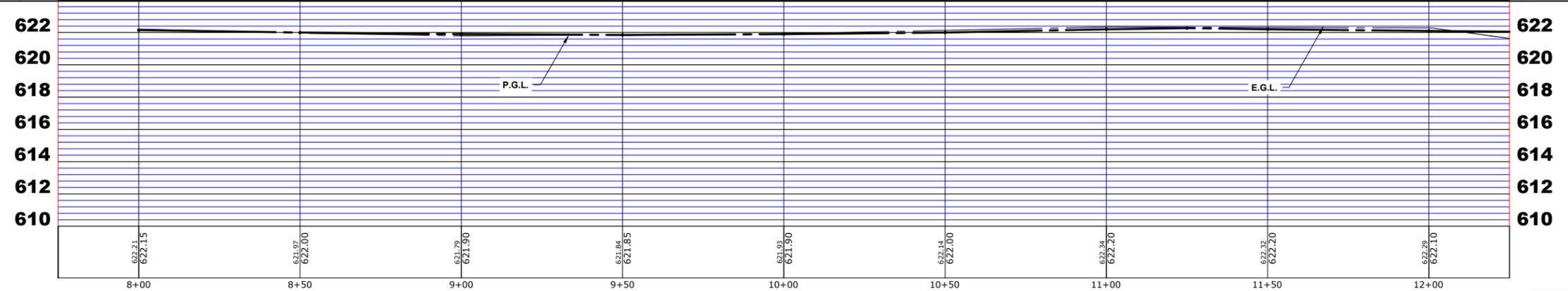
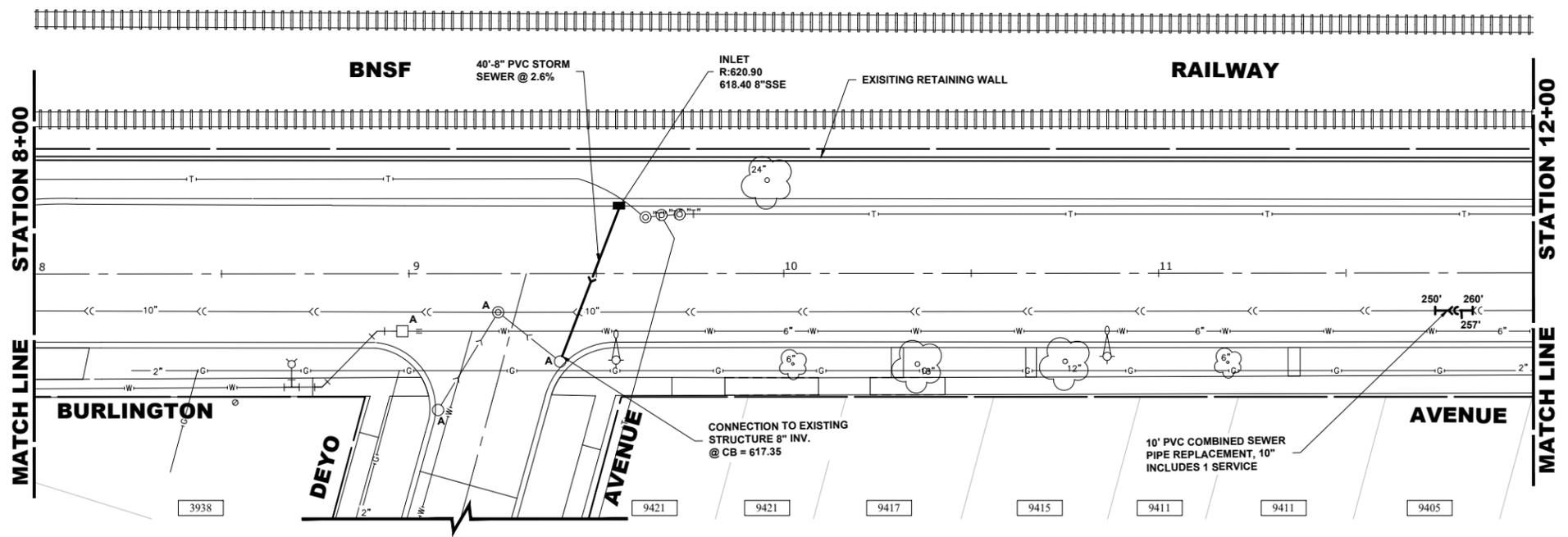
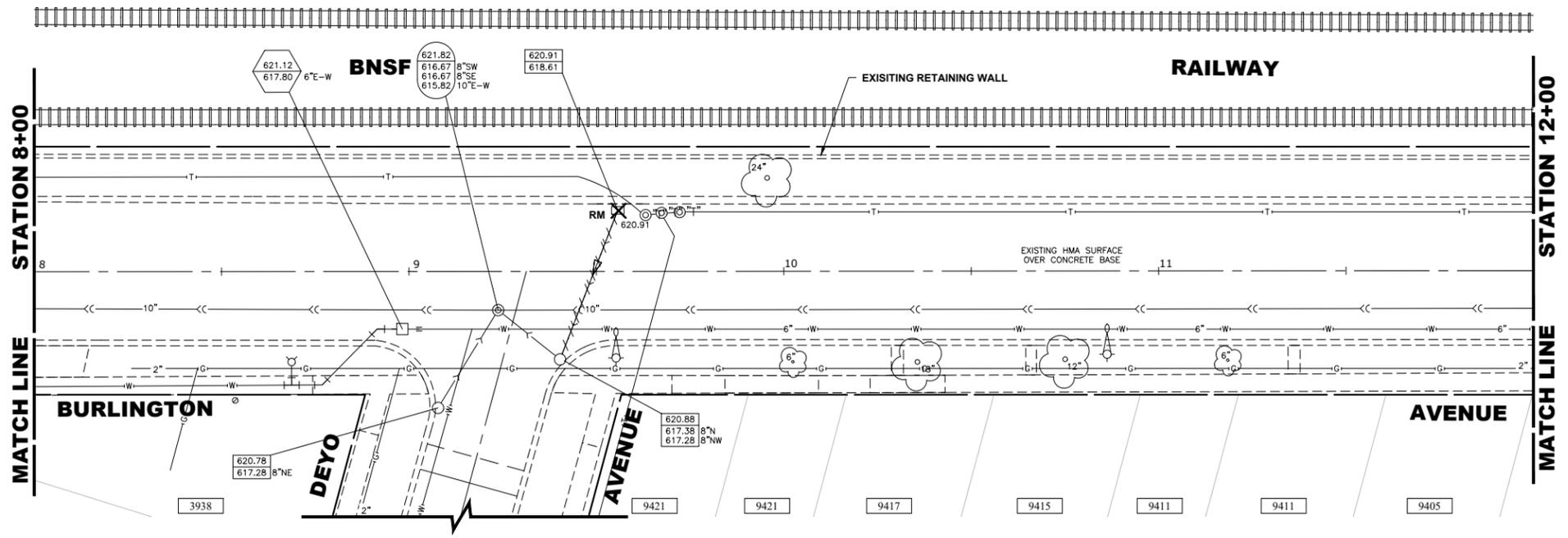
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE**  
**UTILITIES PLAN AND PROFILE**

SCALE: 1"=20', V:1"=4' SHEET NO. 2 OF 12 SHEETS STA. 6+00 TO STA. 8+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	63
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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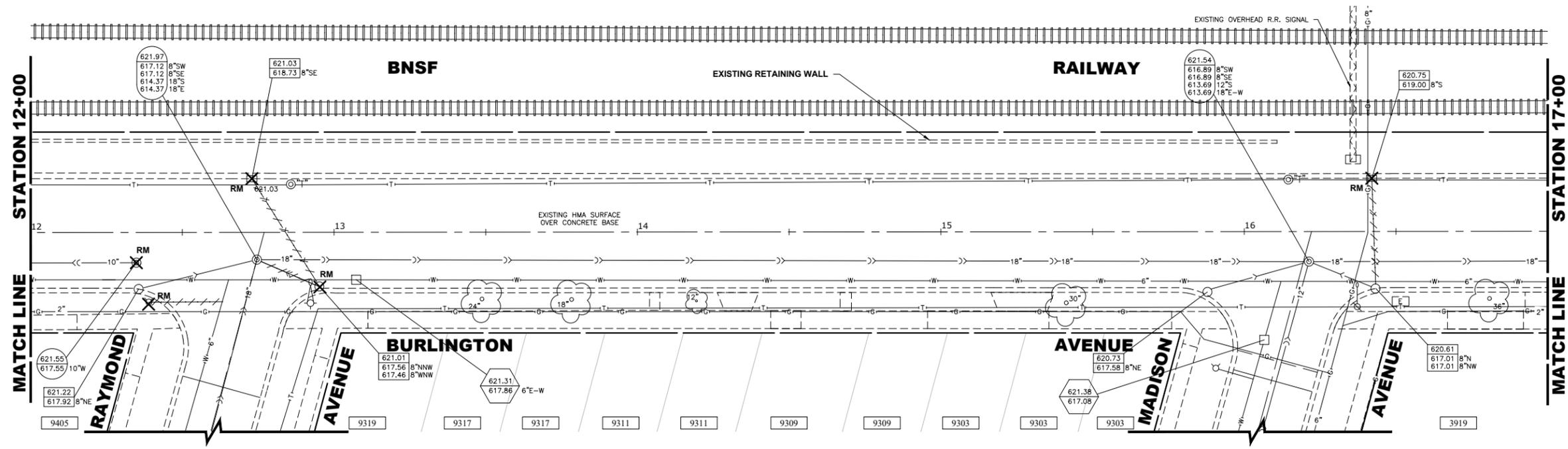
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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

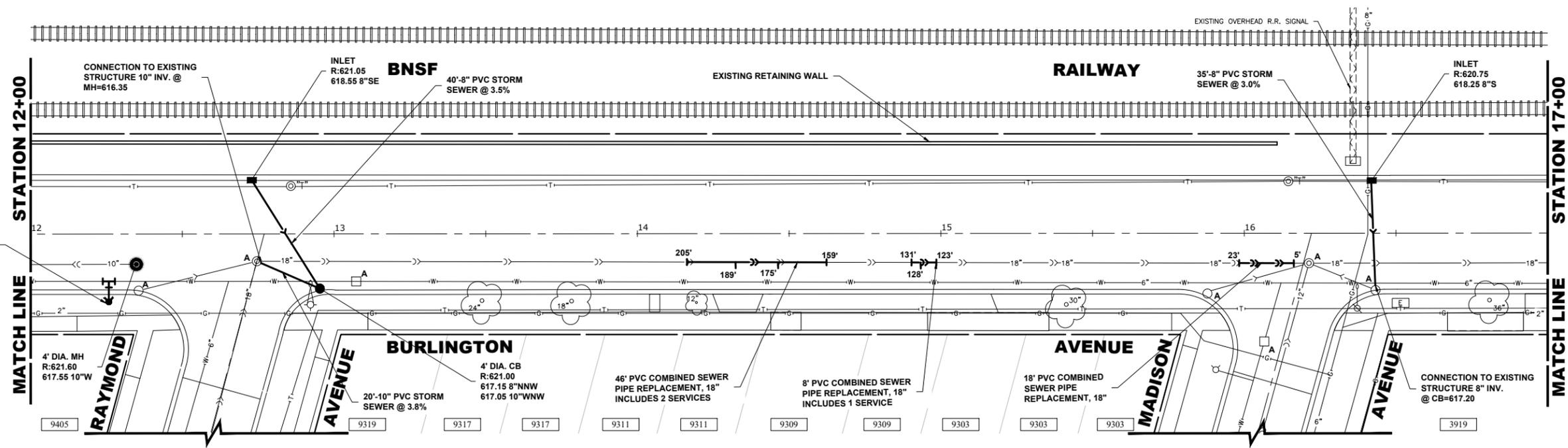
**BURLINGTON AVENUE  
 UTILITIES PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=4' SHEET NO. 3 OF 12 SHEETS STA. 8+00 TO STA. 12+00

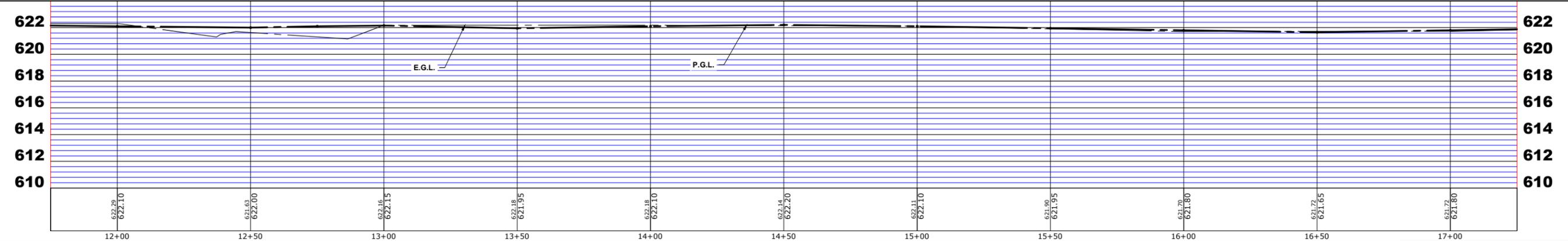
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	64
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**EXISTING TOPOGRAPHY**



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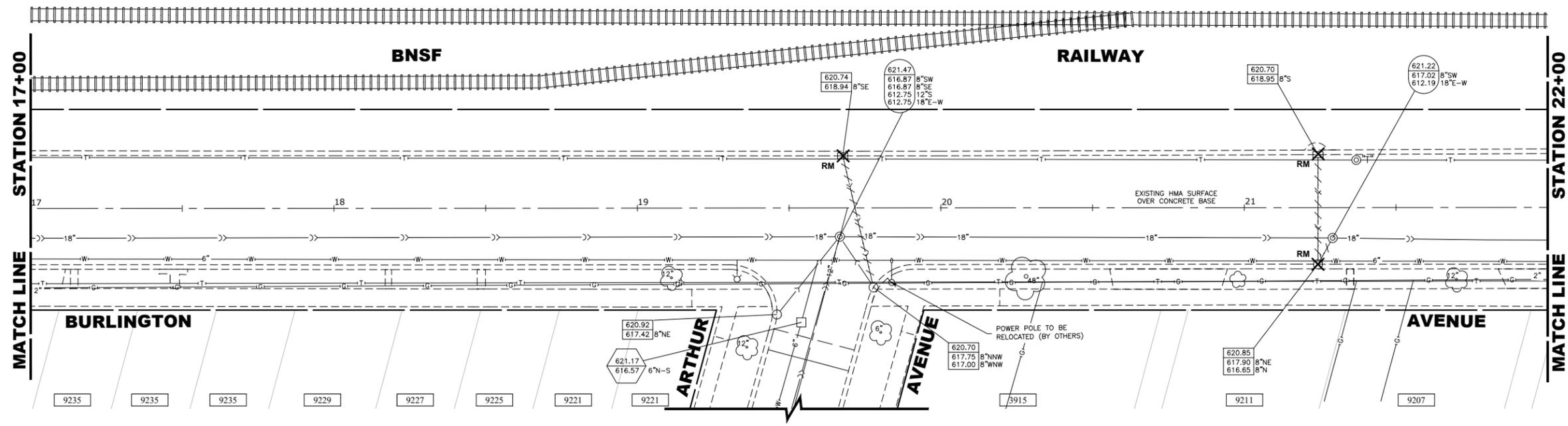
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
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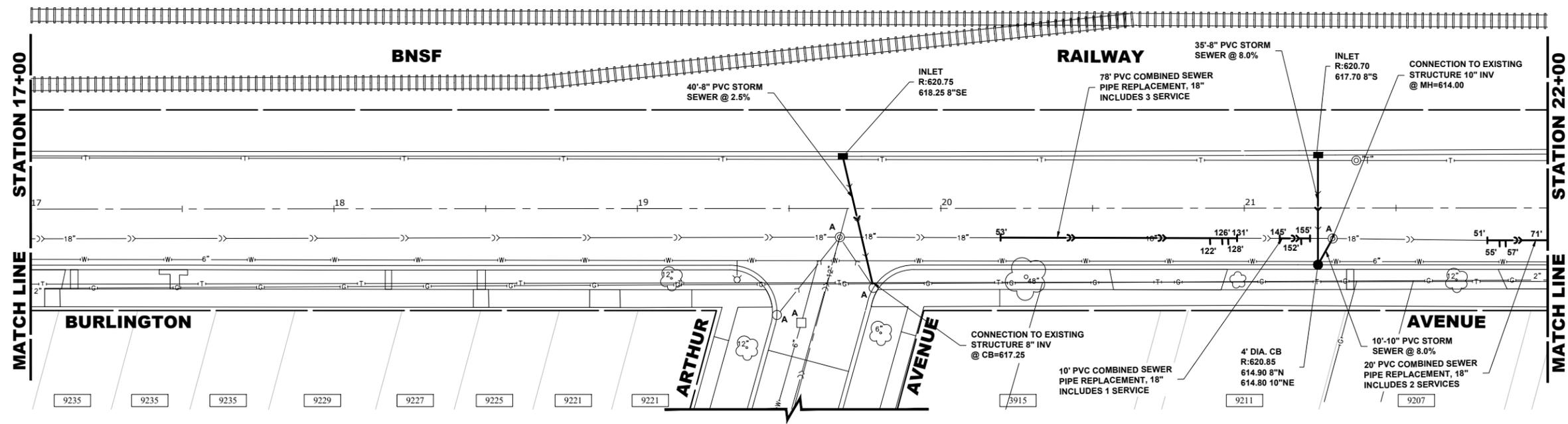
**BURLINGTON AVENUE  
UTILITIES PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=4' SHEET NO. 4 OF 12 SHEETS STA. 12+00 TO STA. 17+00

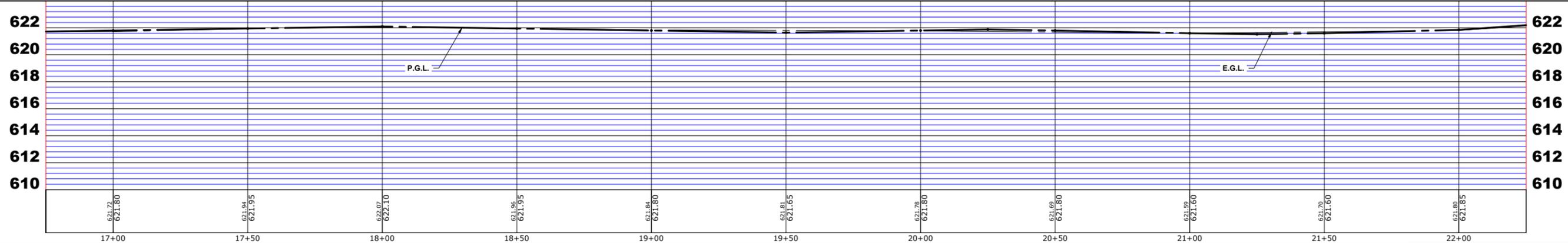
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	65
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



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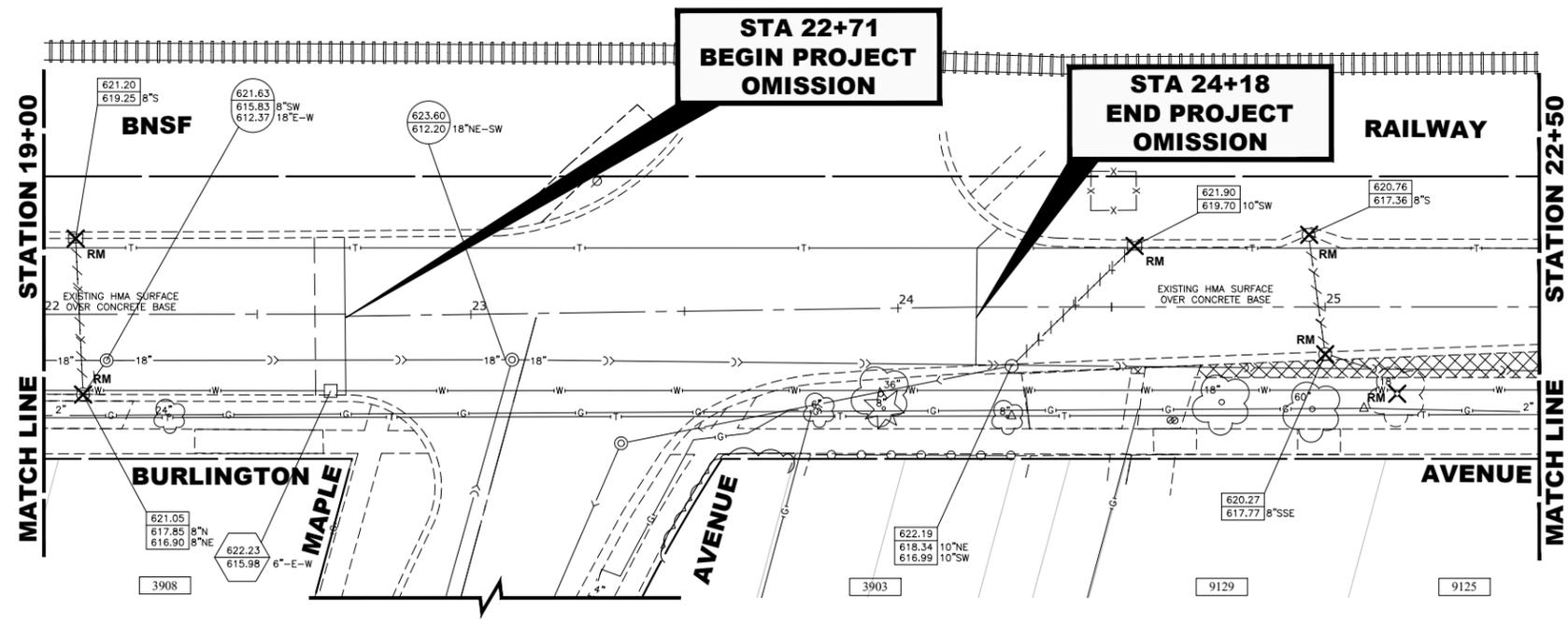
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
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DATE -	8-7-23	REVISED -	

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DEPARTMENT OF TRANSPORTATION**

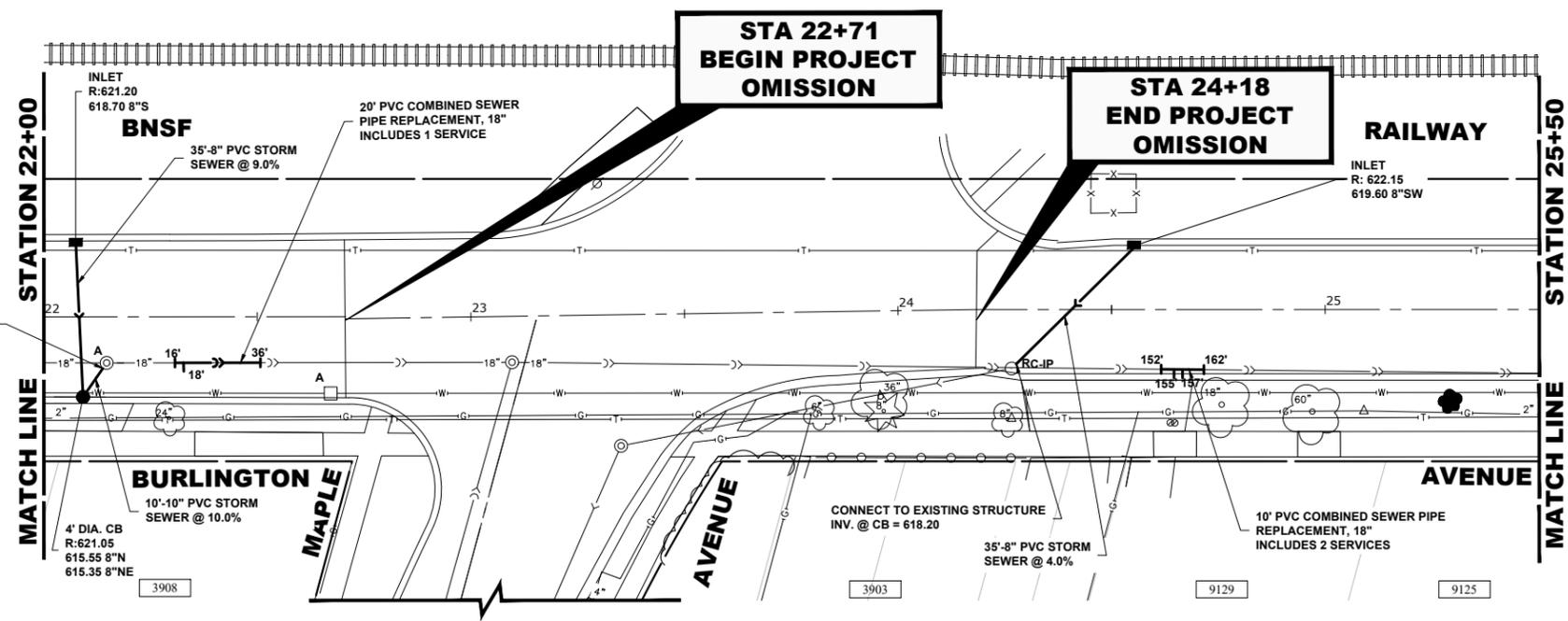
**BURLINGTON AVENUE  
UTILITIES PLAN AND PROFILE**

SCALE: 1"=20', V:1"=4' SHEET NO. 5 OF 12 SHEETS STA. 17+00 TO STA. 22+00

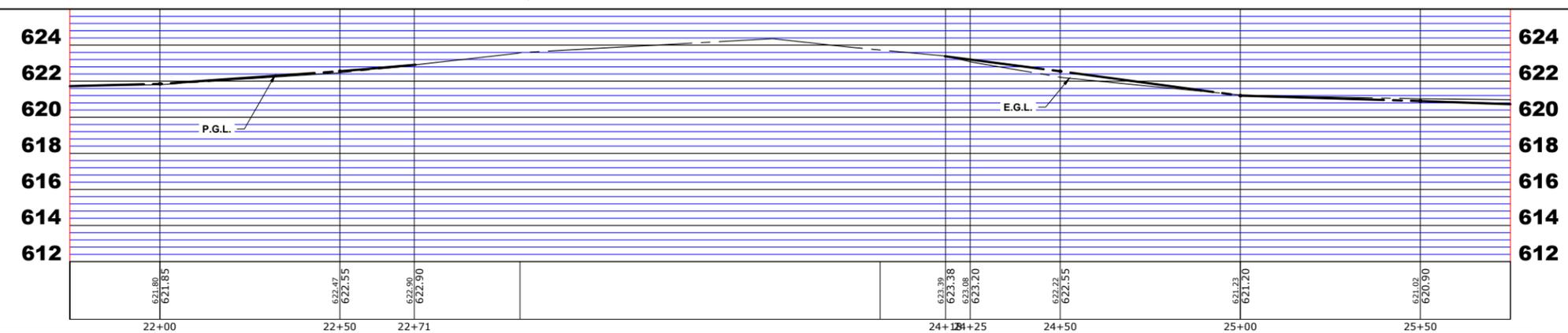
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	66
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS   FED. AID PROJECT				



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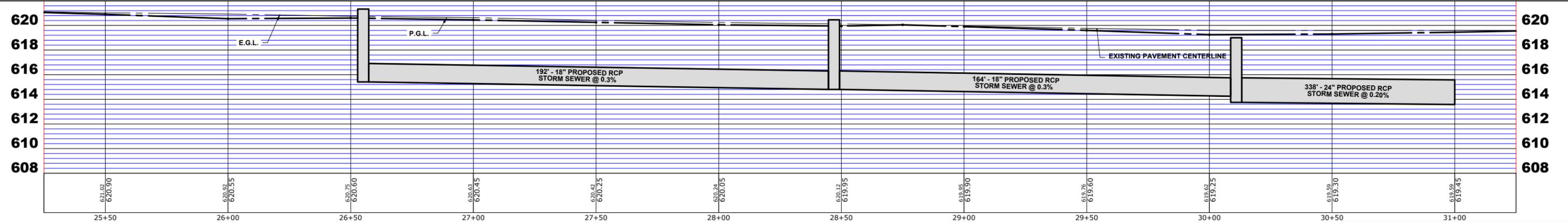
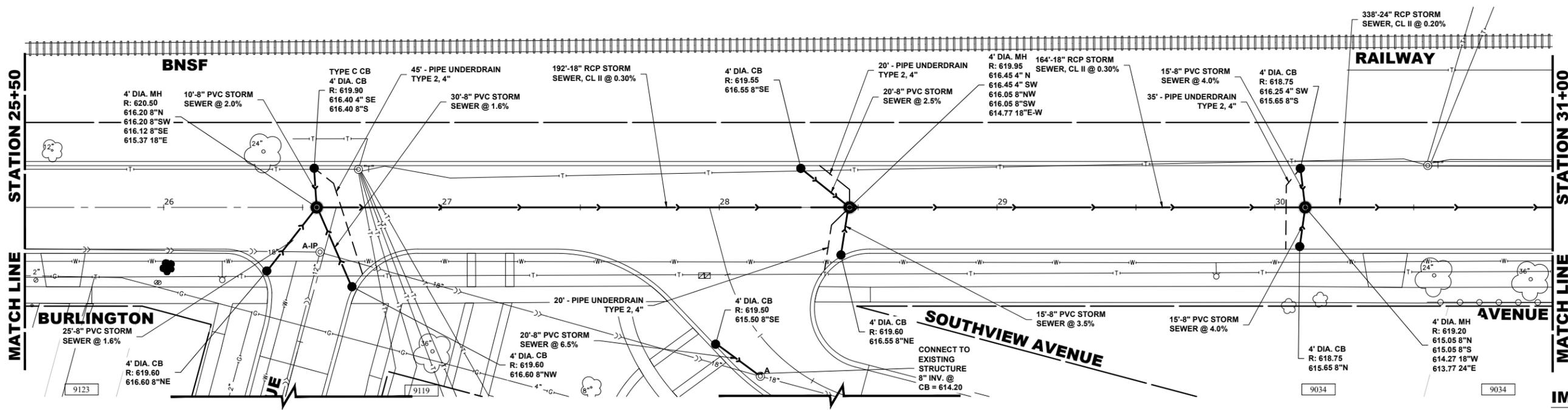
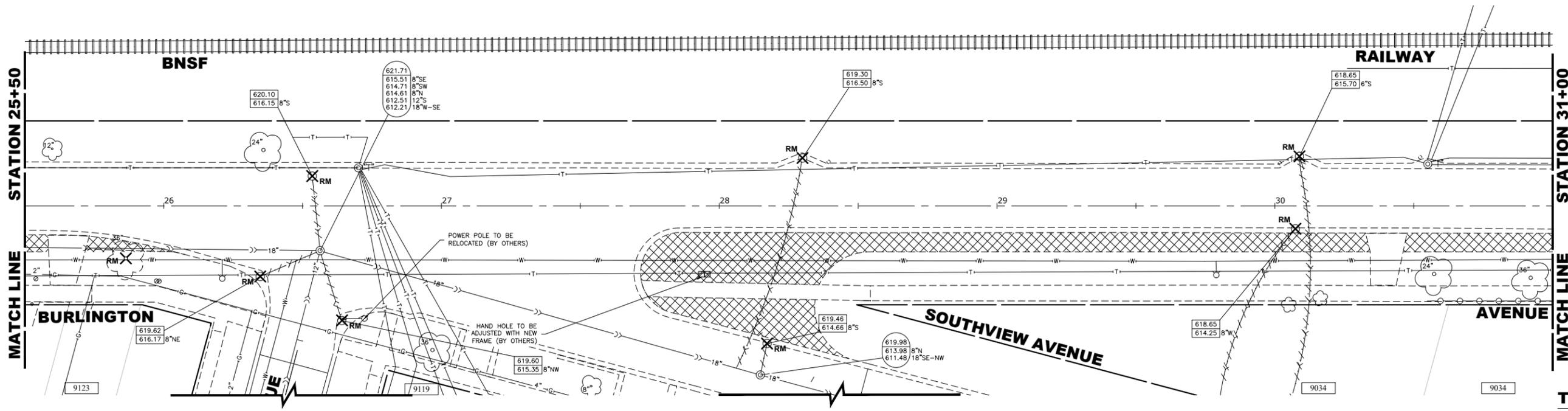
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DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

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**BURLINGTON AVENUE  
UTILITIES PLAN AND PROFILE**

SCALE: 1"=20', V: 1"=4' SHEET NO. 6 OF 12 SHEETS STA. 22+00 TO STA. 25+50

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 108	SHEET NO. 67
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



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CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

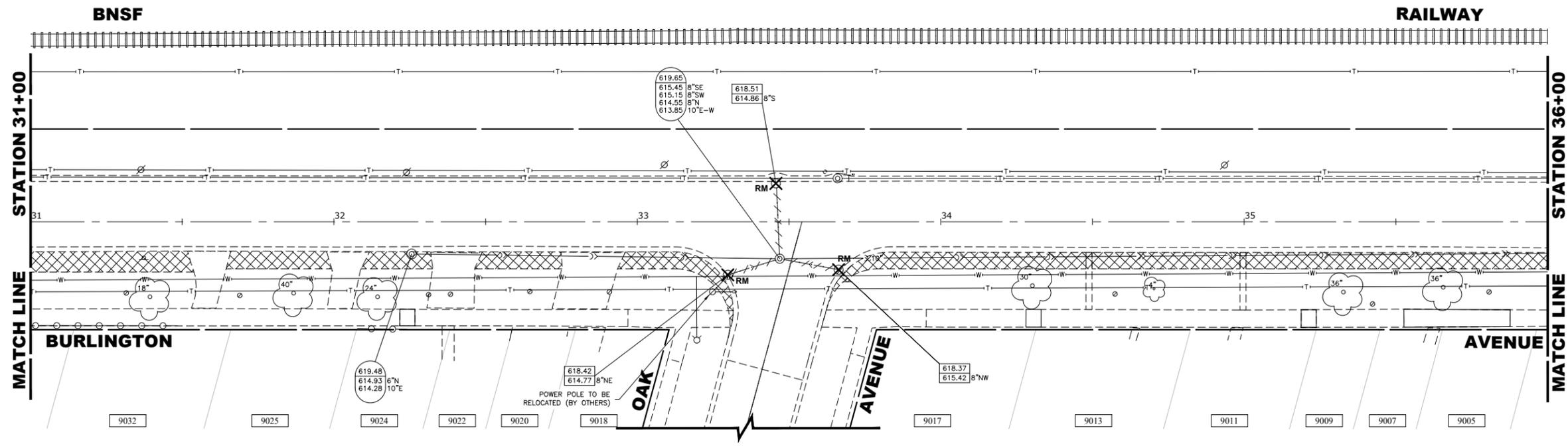
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**BURLINGTON AVENUE  
 UTILITIES PLAN AND PROFILE**

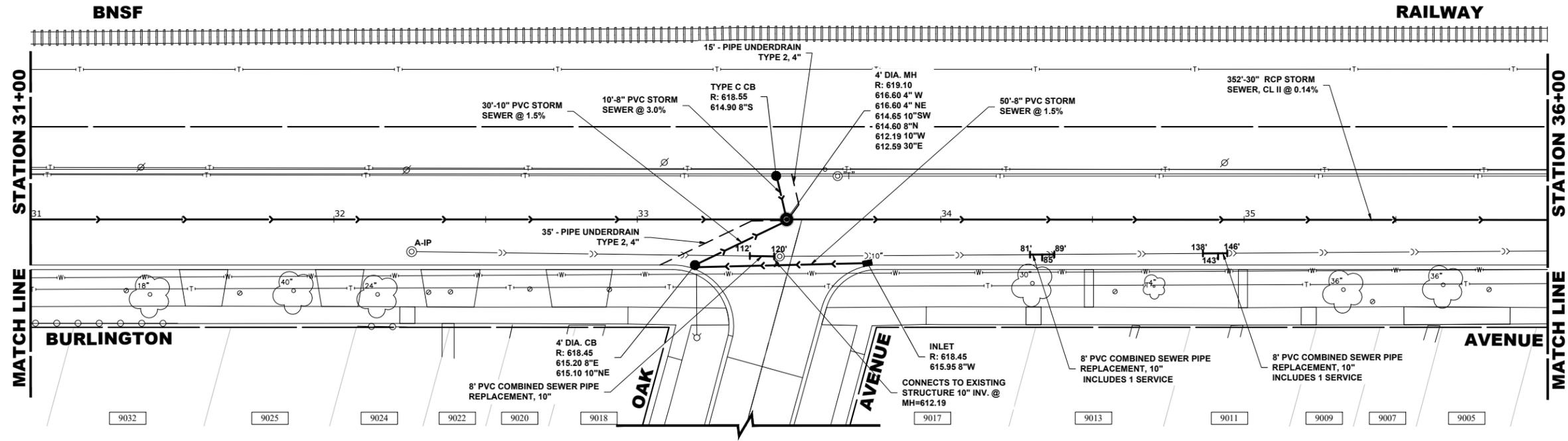
SCALE: H:1"=20', V:1"=4' SHEET NO. 7 OF 12 SHEETS STA. 25+50 TO STA. 31+00

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 108	SHEET NO. 68
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

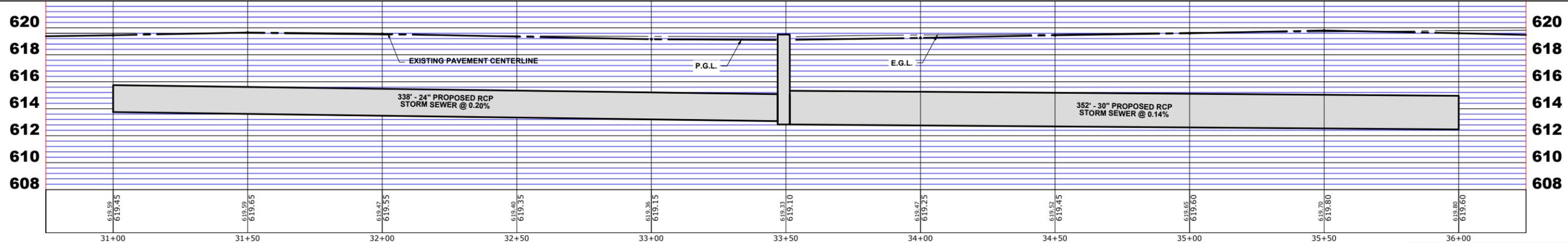
E.H.E. PROJECT NO. 125-22-25201



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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

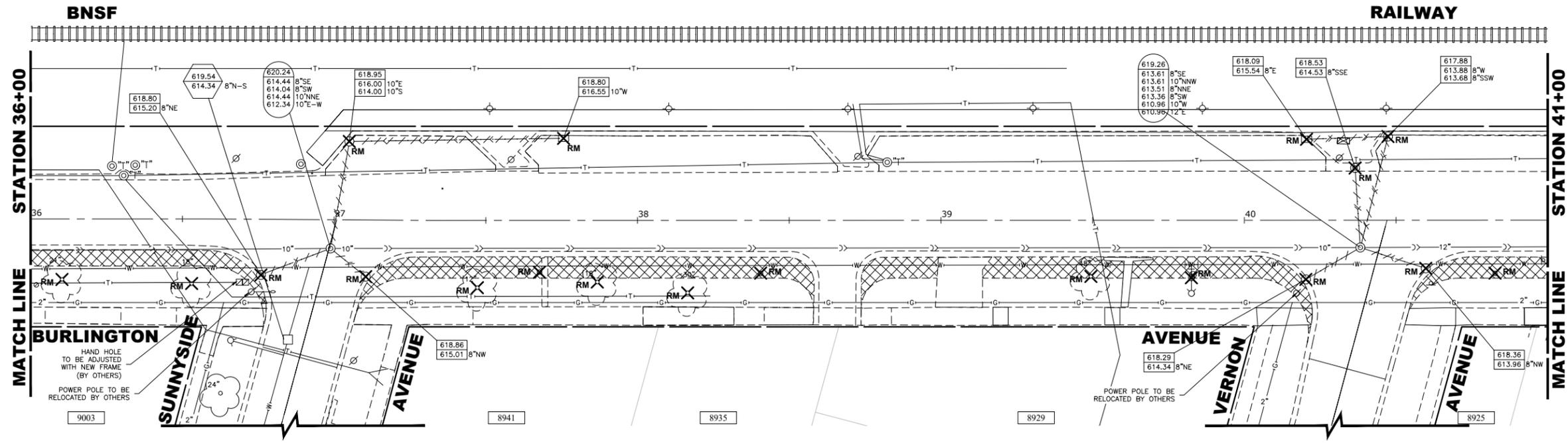
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
 UTILITIES PLAN AND PROFILE**

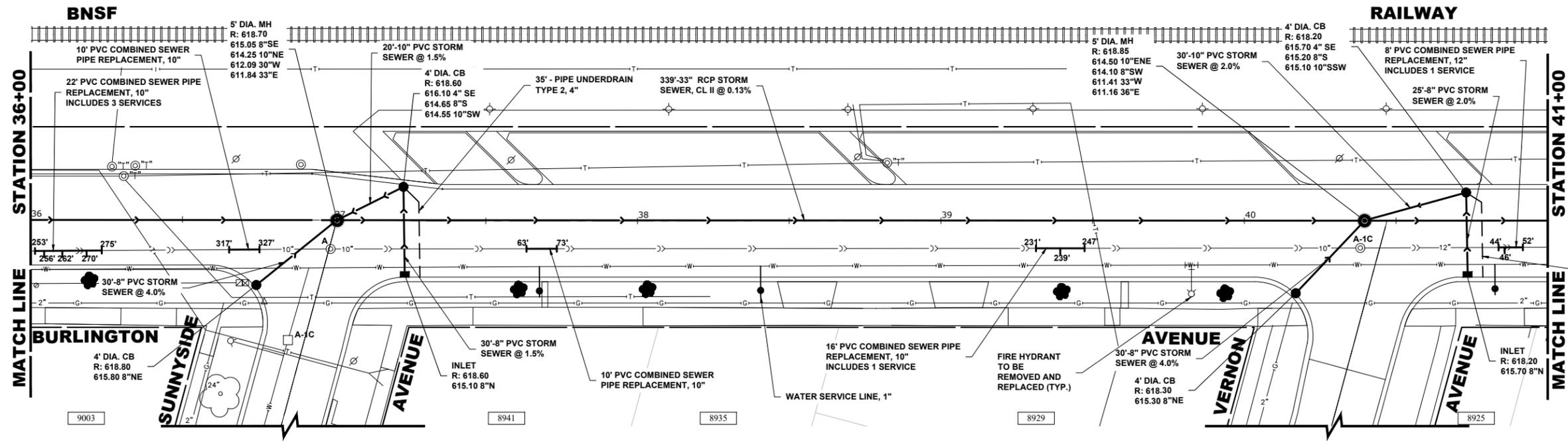
SCALE: H:1"=20', V:1"=4' SHEET NO. 8 OF 12 SHEETS STA. 31+00 TO STA. 36+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	69
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

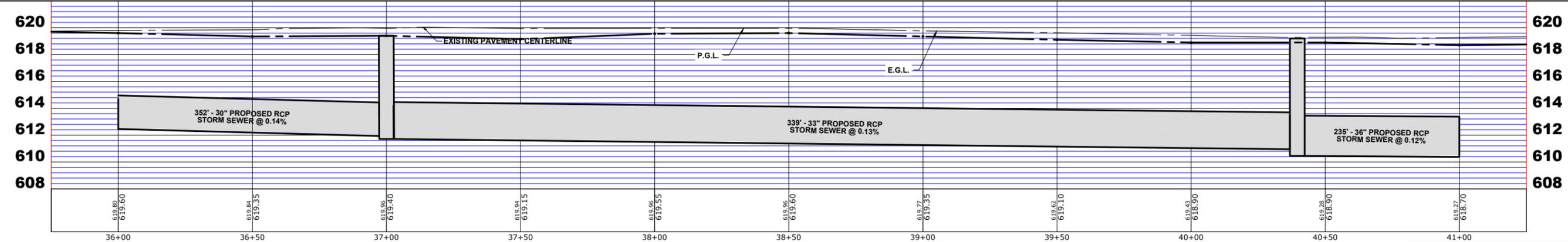
E.H.E. PROJECT NO. 125-22-25201



**EXISTING TOPOGRAPHY**



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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

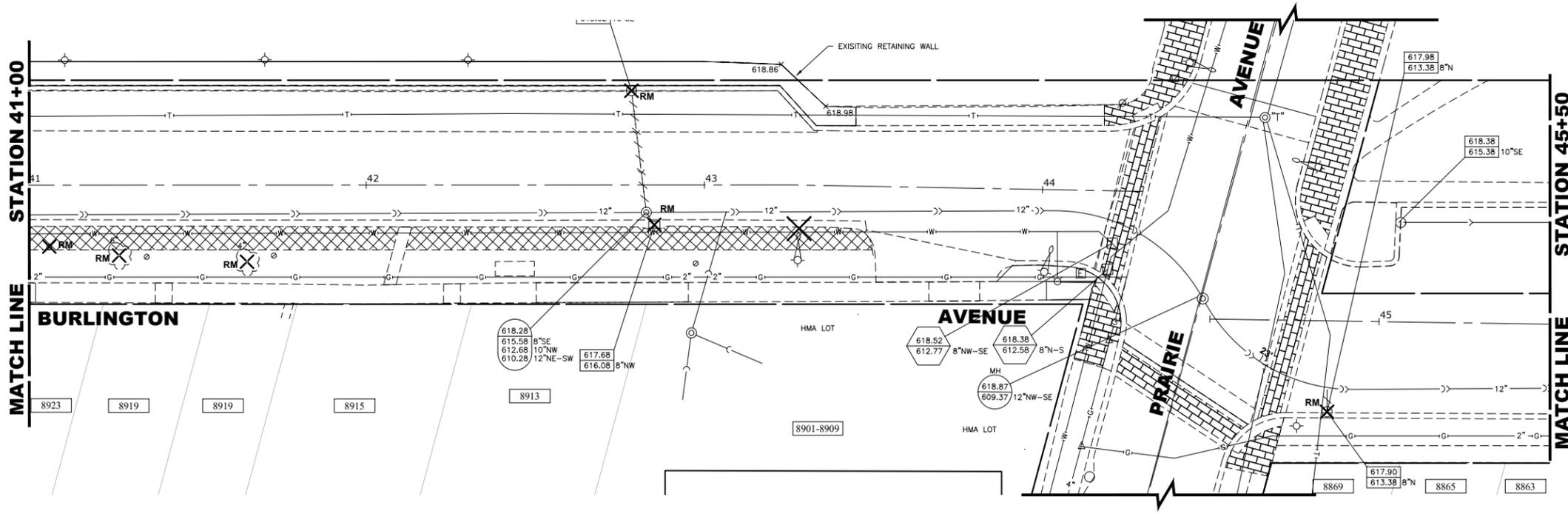
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE  
UTILITIES PLAN AND PROFILE**

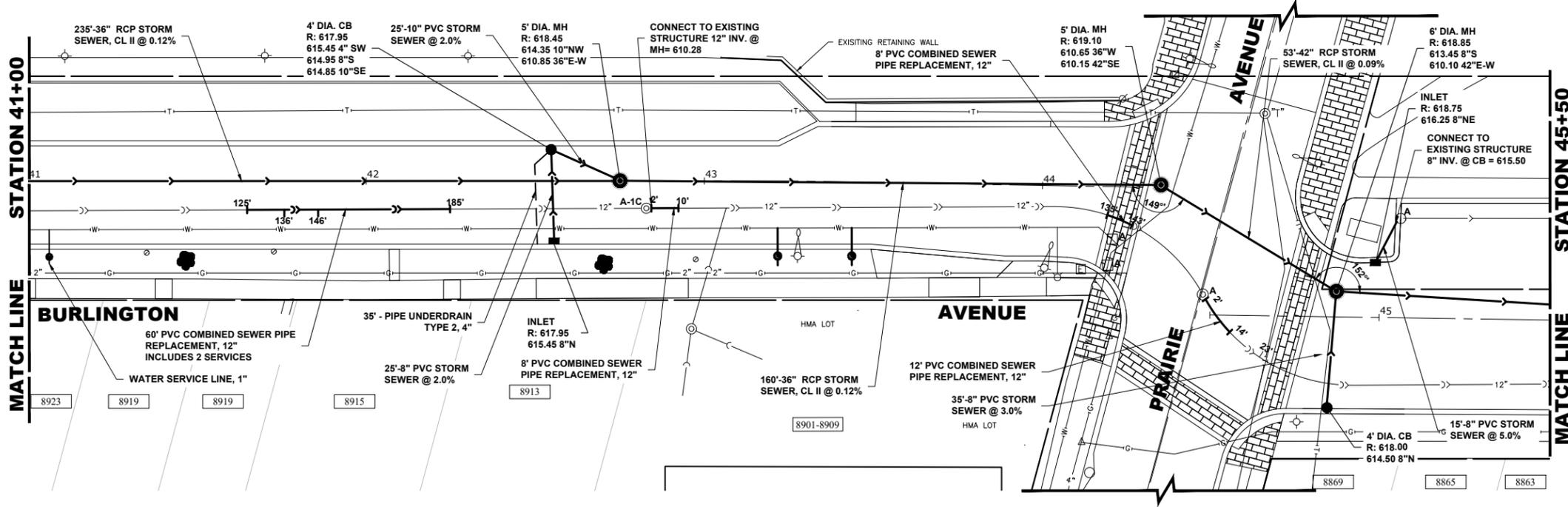
SCALE: 1"=20', V: 1"=4'    SHEET NO. 9 OF 12 SHEETS    STA. 36+00 TO STA. 41+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	70
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS / FED. AID PROJECT		

E.H.E. PROJECT NO. 125-22-25201

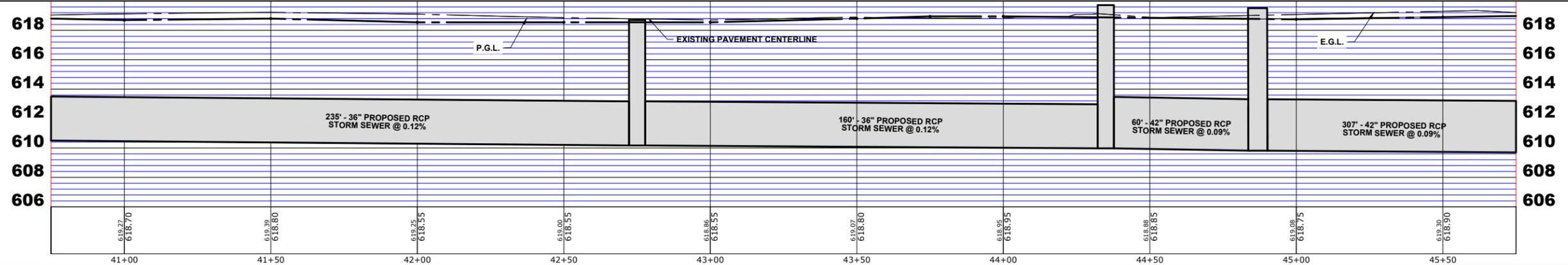


**EXISTING TOPOGRAPHY**



**NOTE:**  
POSSIBLE SANITARY SEWER SERVICE CONNECTION TO BE ABANDONED AT STATION 44+74. CONTRACTOR TO VERIFY IN FIELD. WORK TO BE PAID FOR UNDER PAT ITEM X2130010 EXPLORATION TRENCH, SPECIAL.

**PROPOSED IMPROVEMENT**



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CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

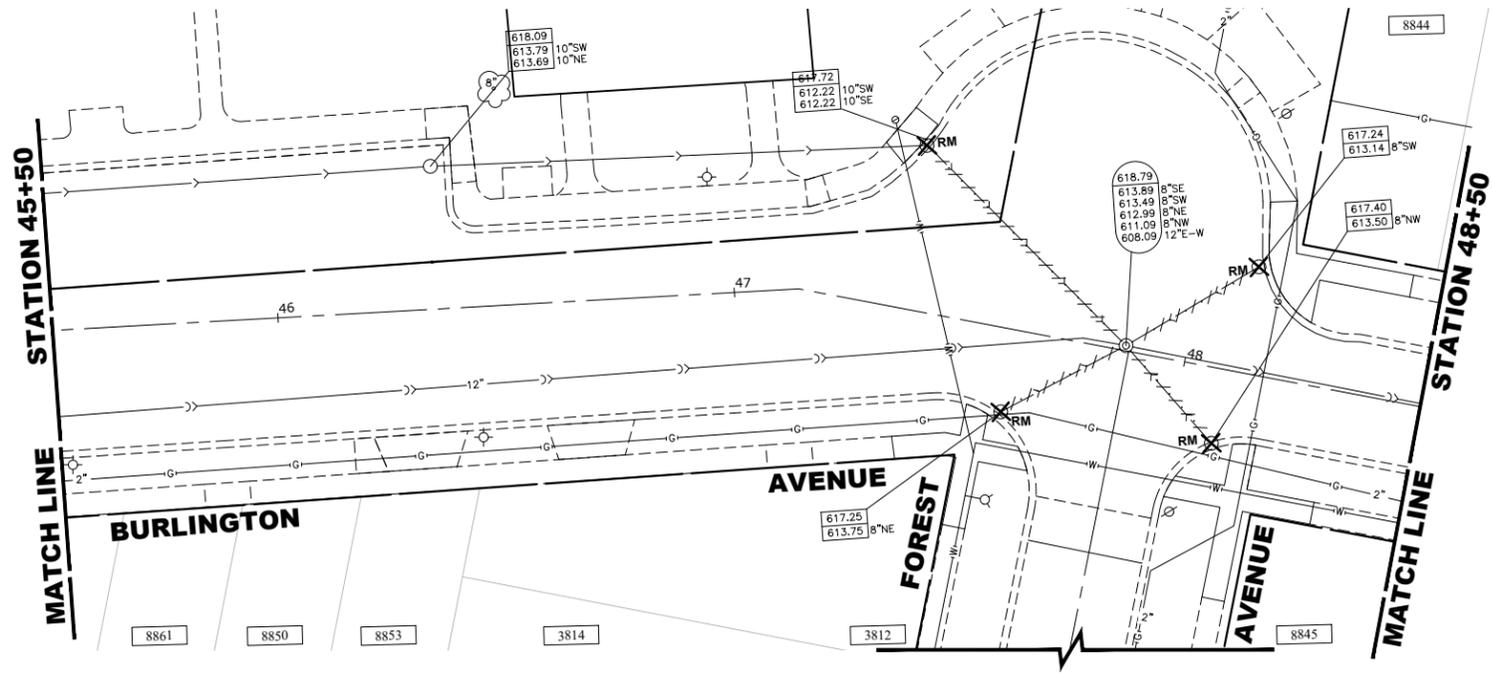
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**BURLINGTON AVENUE  
UTILITIES PLAN AND PROFILE**

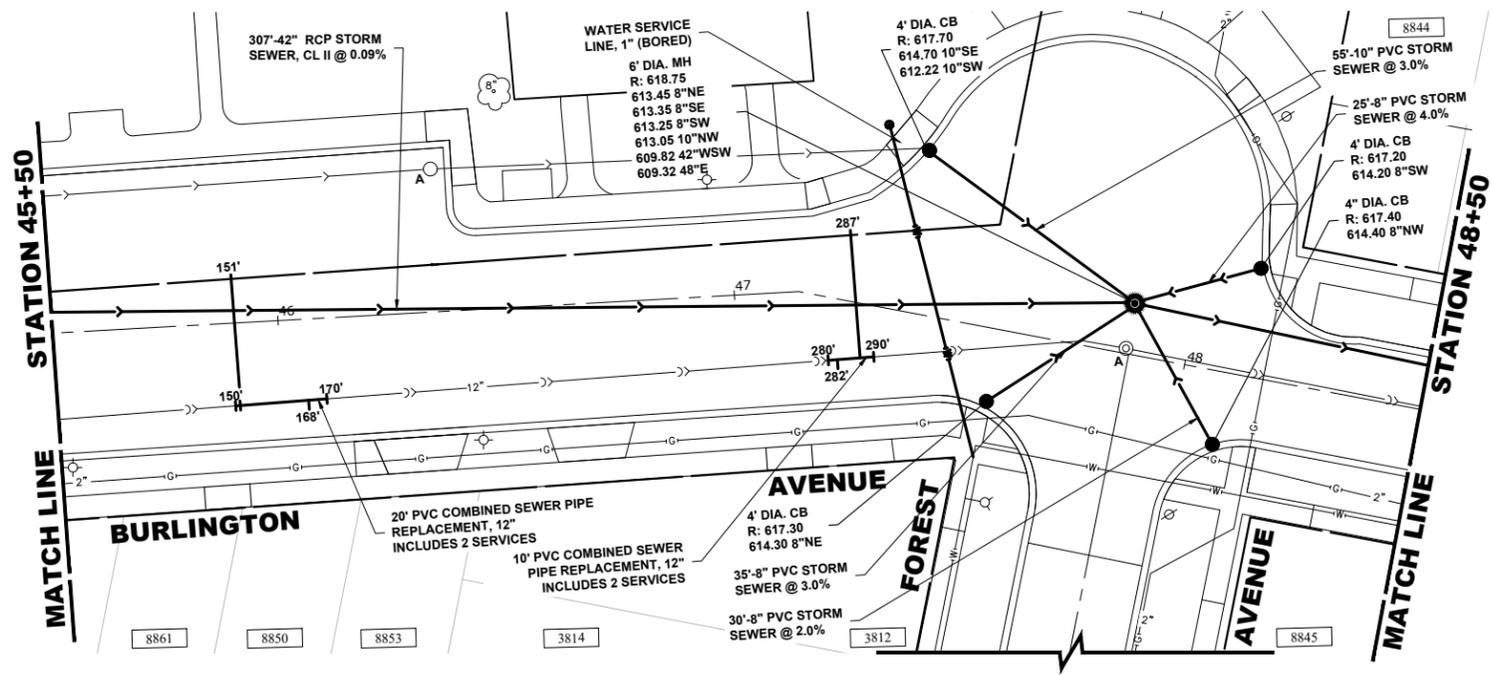
SCALE: 1"=20', V: 1"=4'    SHEET NO. 10 OF 12 SHEETS    STA. 41+00 TO STA. 45+50

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 108	SHEET NO. 71
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201

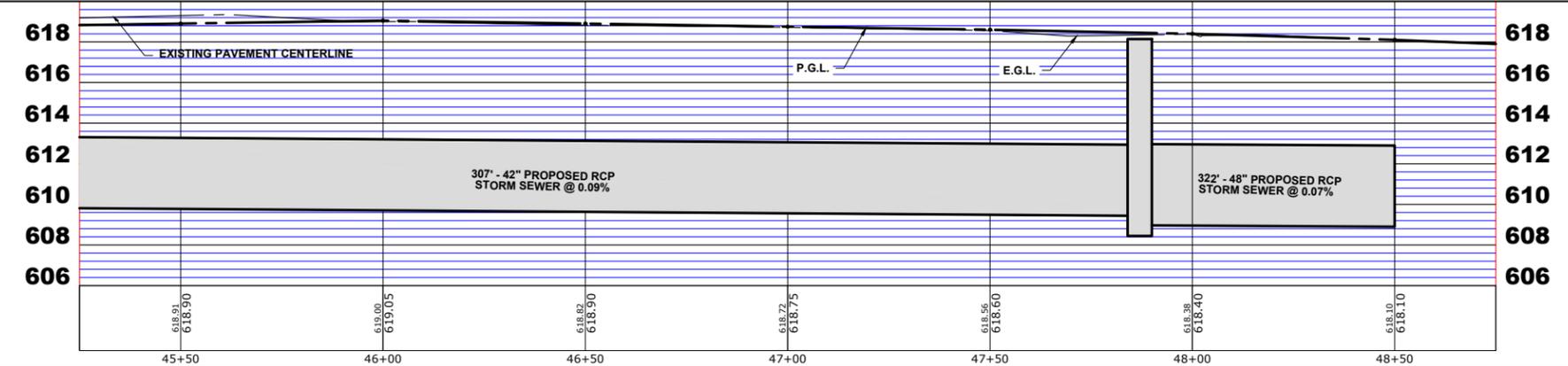


**EXISTING TOPOGRAPHY**



**NOTE:**  
 SANITARY SEWER SERVICE CONNECTION LENGTHS SHOWN ON PLAN ARE ESTIMATED. CONTRACTOR TO VERIFY IN FIELD SERVICE PIPE QUALITY AND GRADE WHEN MAKING CONNECTIONS TO EXISTING PIPE. SPECIAL ATTENTION SHALL BE PAID TO CROSSINGS AT PROPOSED STORM SEWER PIPE. UNLESS SHOWN OTHERWISE ON PLAN, ASSUMED SANITARY SERVICE PIPE LENGTH TO COMPLETE CONNECTION IS 4'.

**PROPOSED IMPROVEMENT**



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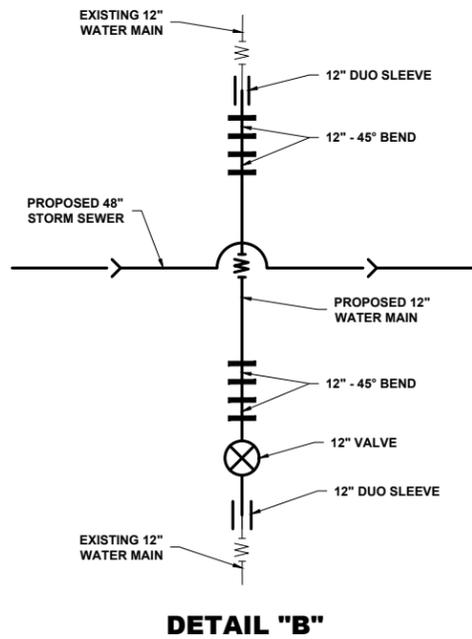
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

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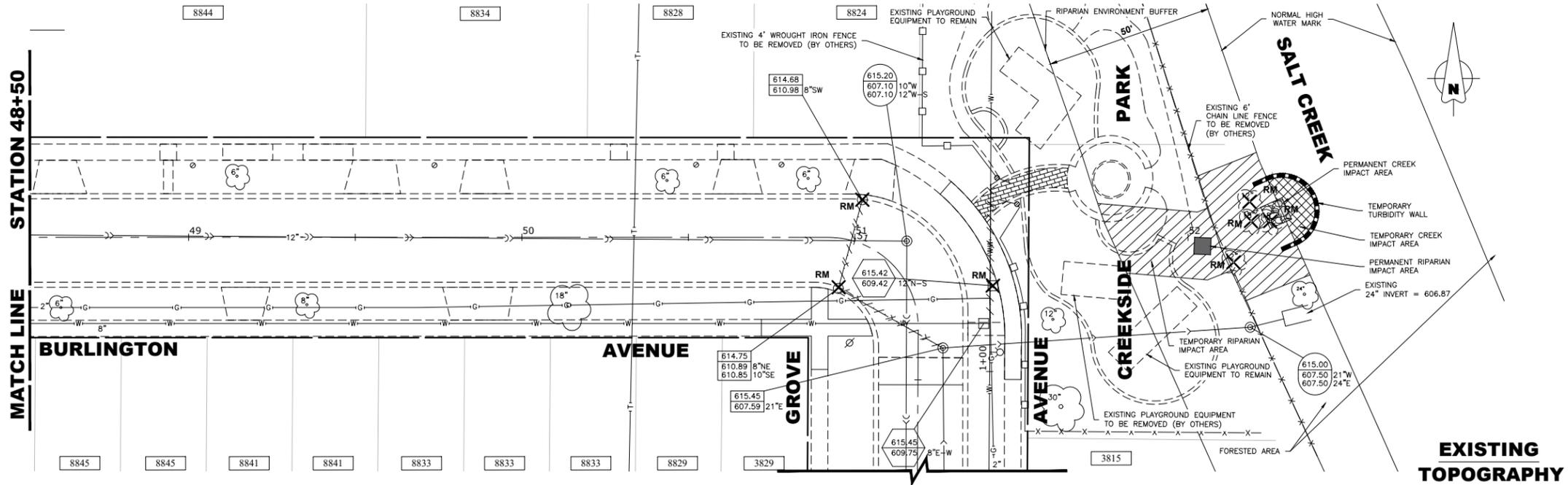
**BURLINGTON AVENUE  
 UTILITIES PLAN AND PROFILE**

SCALE: H:1"=20', V:1"=4' SHEET NO. 11 OF 13 SHEETS STA. 45+50 TO STA. 48+50

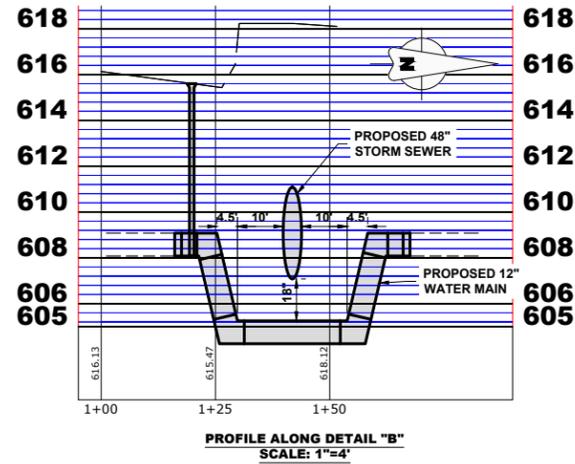
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0655	20-00133-00-FP	COOK	108	72
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



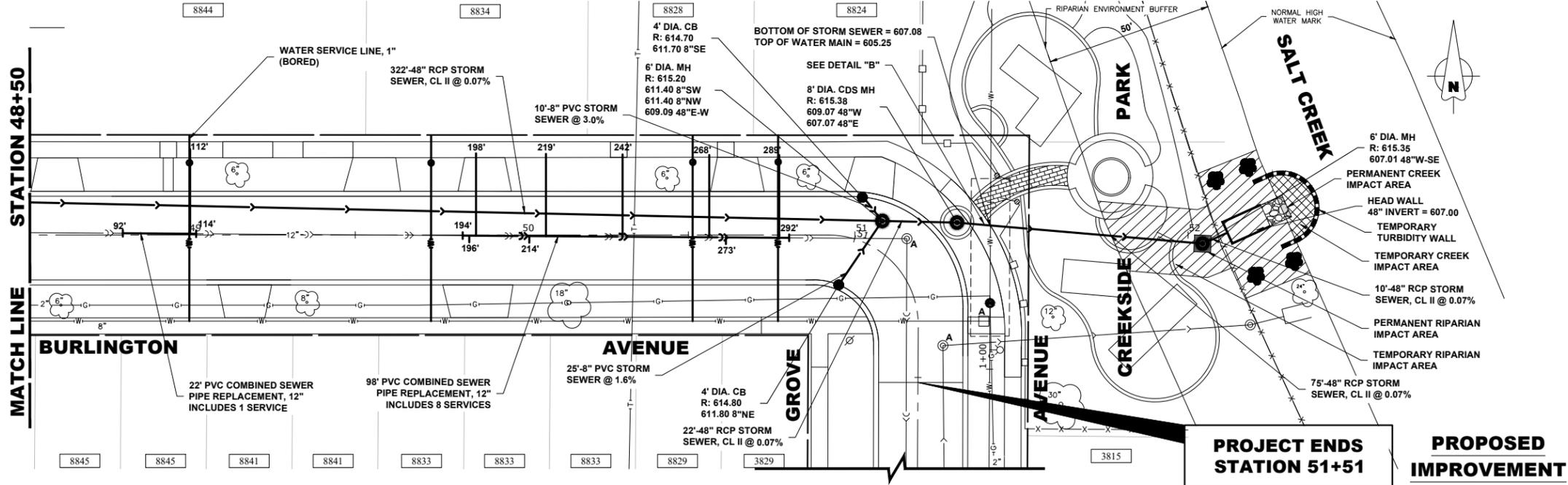
**DETAIL "B"**



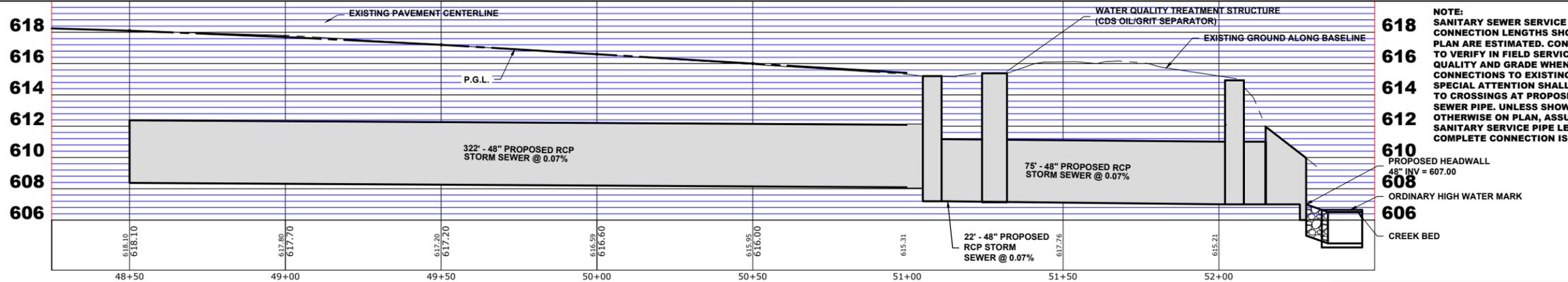
**EXISTING TOPOGRAPHY**



**PROFILE ALONG DETAIL "B"**  
SCALE: 1"=4'



**PROPOSED IMPROVEMENT**



**NOTE:** SANITARY SEWER SERVICE CONNECTION LENGTHS SHOWN ON PLAN ARE ESTIMATED. CONTRACTOR TO VERIFY IN FIELD SERVICE PIPE QUALITY AND GRADE WHEN MAKING CONNECTIONS TO EXISTING PIPE. SPECIAL ATTENTION SHALL BE PAID TO CROSSINGS AT PROPOSED STORM SEWER PIPE. UNLESS SHOWN OTHERWISE ON PLAN, ASSUMED SANITARY SERVICE PIPE LENGTH TO COMPLETE CONNECTION IS 4'.

CREEK AND RIPARIAN IMPACT			
AREA	INDICATOR	IMPACT (SF)	IMPACT (ACRE)
TEMPORARY CREEK IMPACT		157.1	0.0036
PERMANENT CREEK IMPACT		14.0	0.0003
TEMPORARY RIPARIAN IMPACT		1420.0	0.0326
PERMANENT RIPARIAN IMPACT		9.0	0.0002

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**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON AVENUE**  
**UTILITIES PLAN AND PROFILE**  
SCALE: 1"=20', V: 1"=4' SHEET NO. 12 OF 12 SHEETS STA. 48+50 TO STA. 51+51

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 73
FIELD BOOK NO. 20		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

## 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 BROOKFIELD PUBLIC WORKS DEPARTMENT.

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.

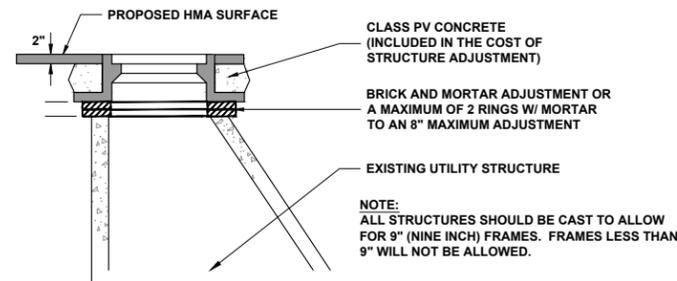
ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEMS FOR REMOVING AND/OR FILLING THE VARIOUS TYPES OF STRUCTURES.

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

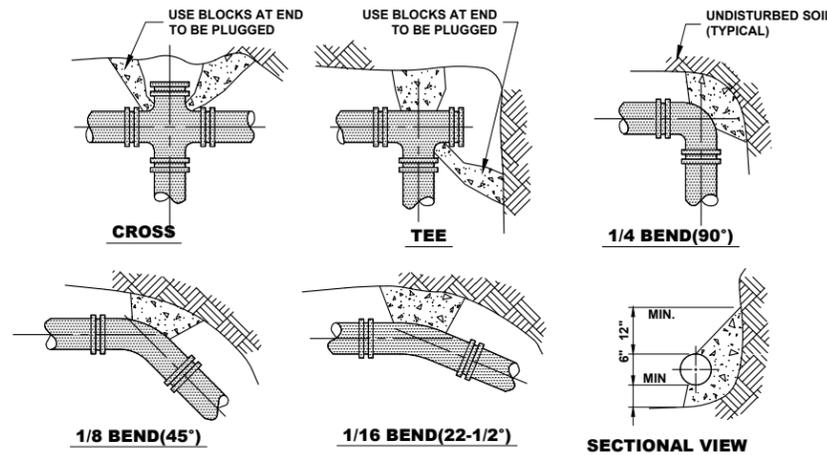
TYPE OF PIPE	MATERIAL STANDARD	JOINT STANDARD
REINFORCED CONCRETE PIPE	ASTM C-76	ASTM C-443
POLYVINYLCHLORIDE PIPE, SDR 26	ASTM D-2241	ASTM D-3139
DUCTILE IRON PIPE, CLASS 52	ASTM A-21.51	ASTM A-21.11

## DUCTILE IRON PIPE SPECIFICATIONS

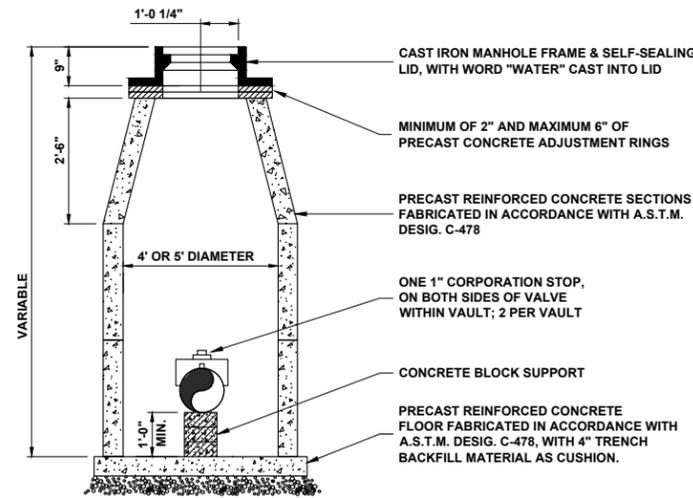
- ALL DUCTILE IRON PIPE WATER MAINS AND SEWER MAINS SHALL BE CLASS 52, CEMENT-LINED AND TAR-COATED, MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSIAWWA C151/A21.51 WITH "PUSH-ON" JOINTS MEETING THE REQUIREMENTS OF SPECIFICATIONS ANSIAWWA C111/A21.11. WHERE SPECIFIED ON THE PLANS, OR IN THE SPECIFICATIONS,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



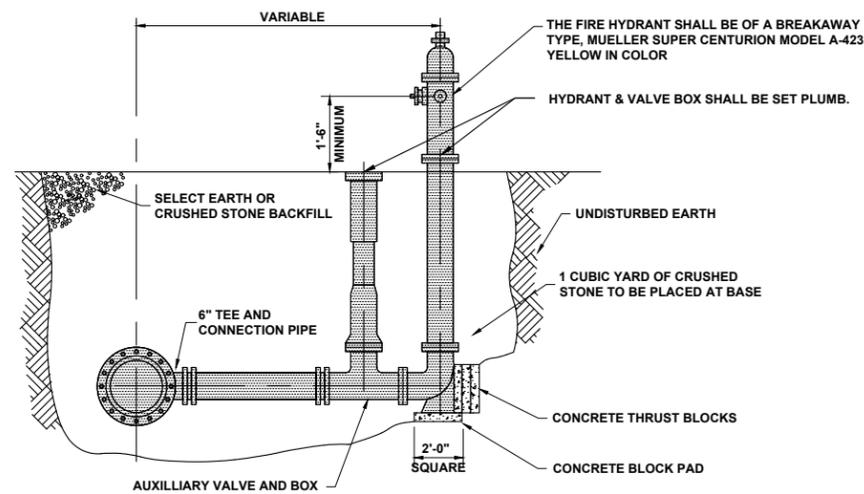
### STRUCTURE ADJUSTMENT



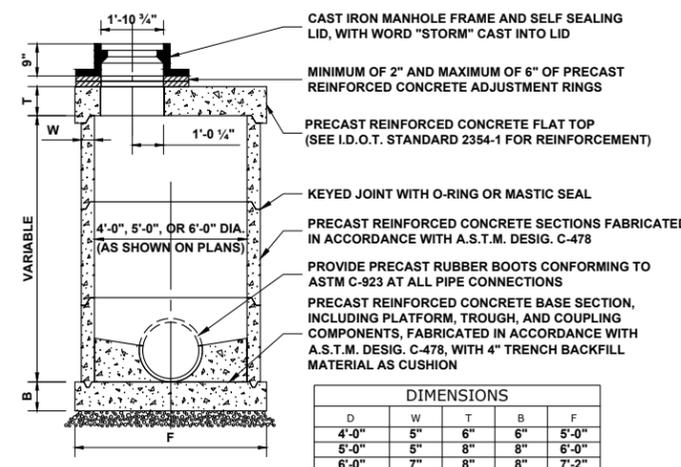
### THRUST BLOCK



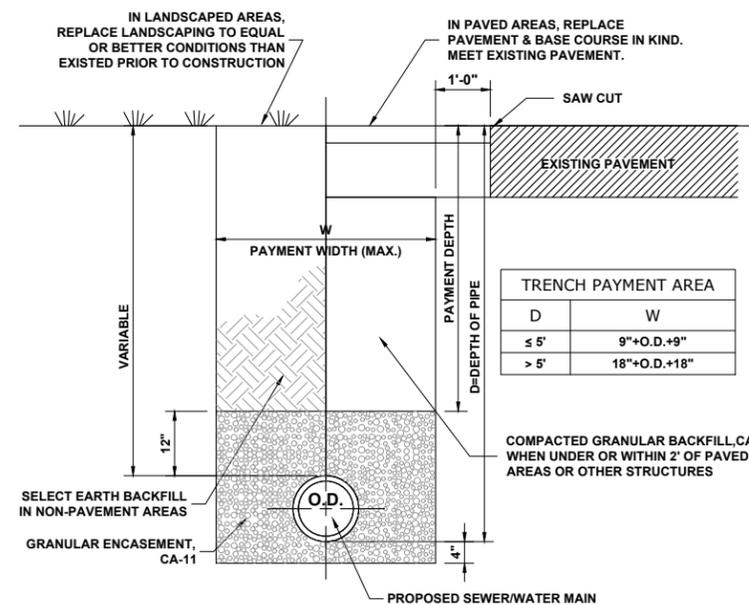
### STANDARD VALVE VAULT



### FIRE HYDRANT



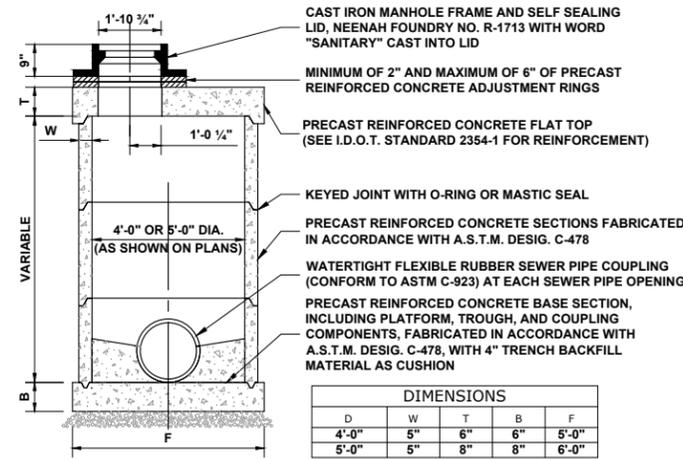
### RESTRICTED DEPTH STORM MANHOLE



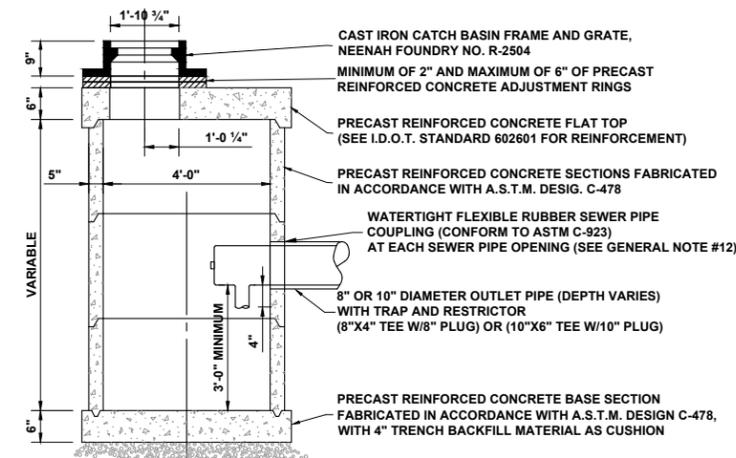
### TYPICAL SEWER AND WATER MAIN TRENCH

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

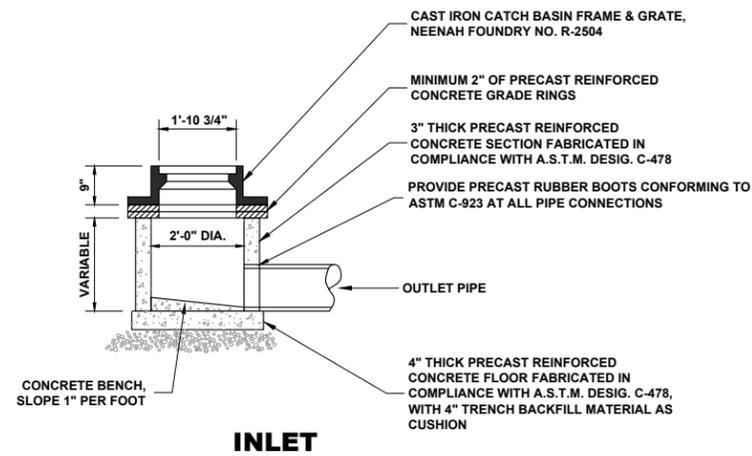
DIMENSIONS				
D	W	T	B	F
4'-0"	5"	6"	6"	5'-0"
5'-0"	5"	8"	8"	6'-0"
6'-0"	7"	8"	8"	7'-2"



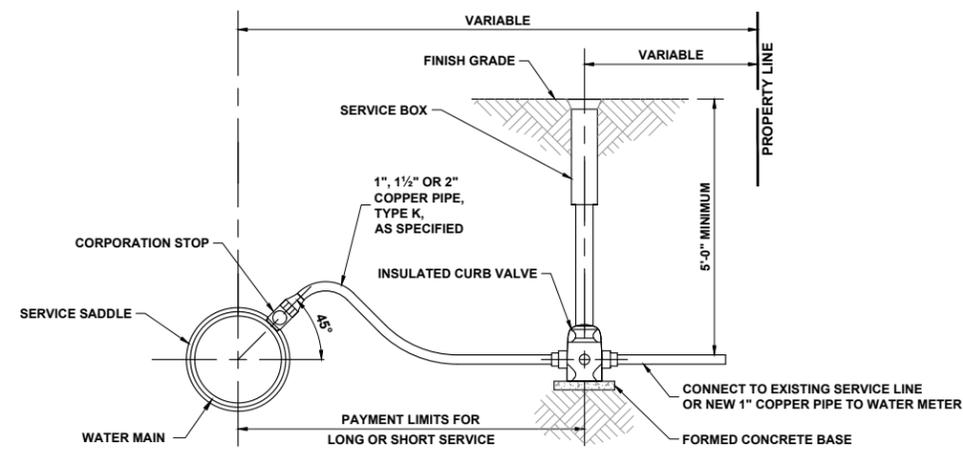
**RESTRICTED DEPTH (COMBINED)  
SANITARY MANHOLE**



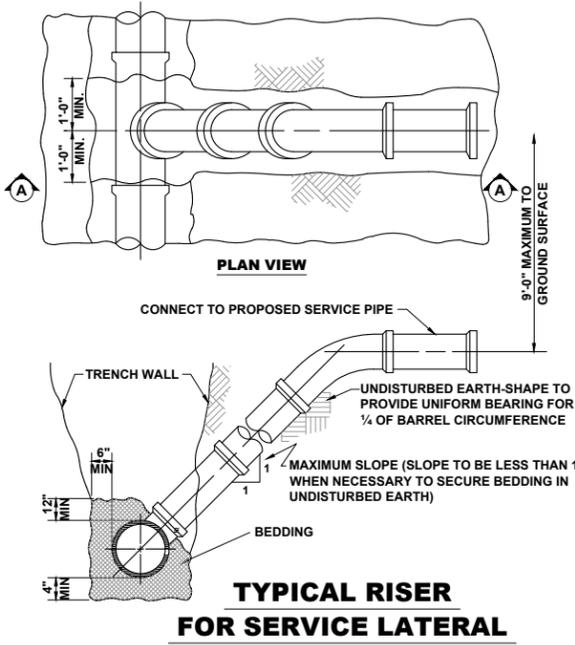
**RESTRICTED DEPTH CATCH BASIN**



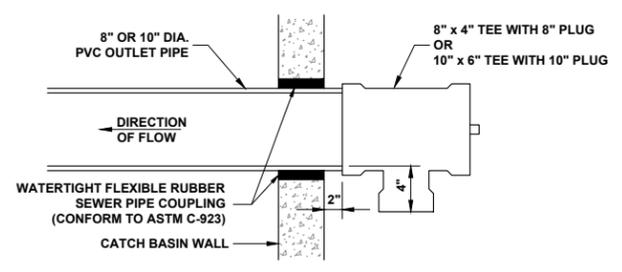
**INLET**



**TYPICAL WATER SERVICE**

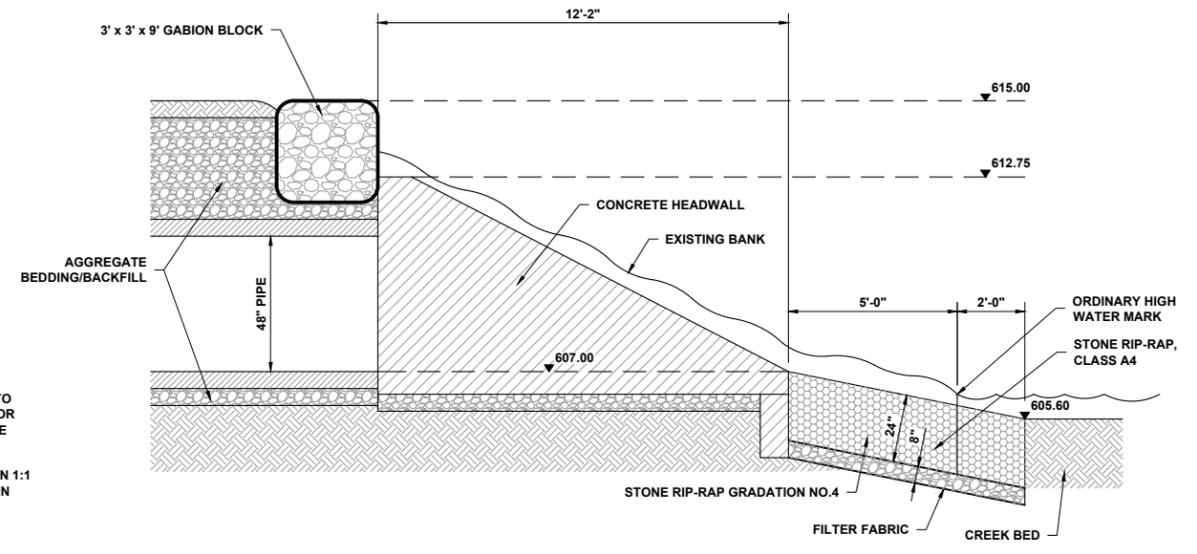


**TYPICAL RISER  
FOR SERVICE LATERAL**

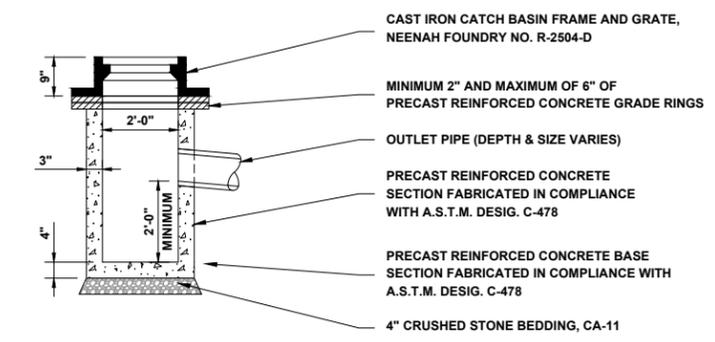


**8"X4"/10"X6" CATCH BASIN  
TRAP AND RESTRICTOR**

(TO BE INSTALLED IN PROPOSED CATCH BASINS BETWEEN STA. 1+47 AND STA. 22+71)



**OUTFALL PROFILE VIEW**



**CATCH BASIN, TYPE C**

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase II\Details\_Drainage & Utilities.dwg Aug 06, 2023 - 12:36pm

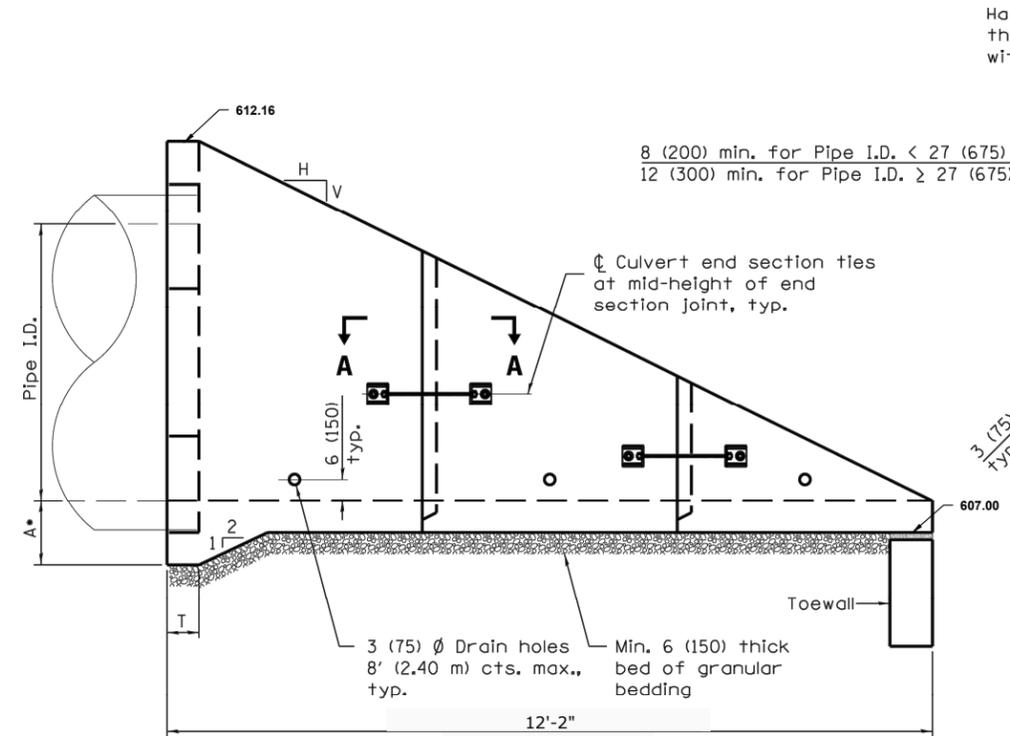
DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	75
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase II\Details\Drainage & Utilities.dwg Aug 06, 2023 - 12:36pm

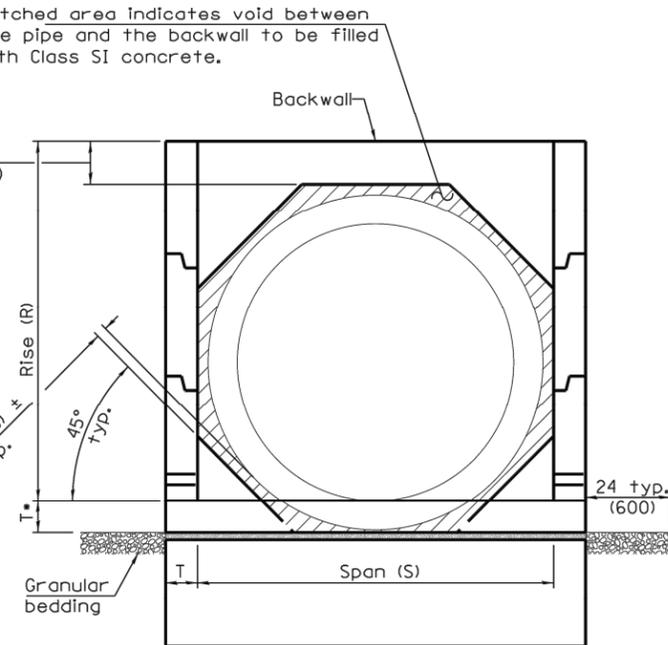
**PIPE CULVERT END SECTION DIMENSIONS**

Pipe I.D.					L			
	A	R	S	T	Slope of End Section			
					1:2	1:3	1:4	1:6
15 (375)	14 (350)	29 (737)	28 (711)	8 (200)	5'-6"	7'-11"	10'-4"	15'-2"
18 (450)	15 (375)	33 (838)	32 (813)	8 (200)	6'-2"	8'-11"	11'-8"	17'-2"
21 (525)	15 (375)	36 (914)	34 (864)	8 (200)	6'-8"	9'-8"	12'-8"	18'-8"
24 (600)	15 (375)	39 (990)	38 (970)	8 (200)	7'-2"	10'-5"	13'-8"	20'-2"
27 (675)	15 (375)	3'-10"	3'-6"	8 (200)	8'-4"	12'-2"	16'-0"	23'-8"
30 (750)	16 (400)	4'-2"	3'-10"	8 (200)	9'-0"	13'-2"	17'-4"	25'-8"
33 (825)	16 (400)	4'-5"	4'-0"	8 (200)	9'-6"	13'-11"	18'-4"	27'-2"
36 (900)	16 (400)	4'-8"	4'-4"	8 (200)	10'-0"	14'-8"	19'-4"	28'-8"
42 (1050)	17 (425)	5'-3"	5'-0"	8 (200)	11'-2"	16'-5"	21'-8"	32'-2"
48 (1200)	17 (425)	5'-9"	5'-6"	8 (200)	12'-2"	17'-11"	23'-8"	35'-2"
54 (1350)	18 (450)	6'-4"	6'-2"	8 (200)	13'-4"	19'-8"	26'-0"	38'-8"
60 (1500)	18 (450)	6'-10"	6'-8"	8 (200)	14'-4"	21'-2"	28'-0"	41'-8"
66 (1650)	19 (475)	7'-5"	7'-4"	8 (200)	15'-6"	22'-11"	30'-4"	45'-2"
72 (1800)	19 (475)	7'-11"	7'-10"	8 (200)	16'-6"	24'-5"	32'-4"	48'-2"
78 (1950)	21 (525)	8'-6"	8'-6"	9 (230)	17'-9"	26'-3"	34'-9"	51'-9"
84 (2100)	21 (525)	9'-0"	9'-0"	9 (230)	18'-9"	27'-9"	36'-9"	54'-9"

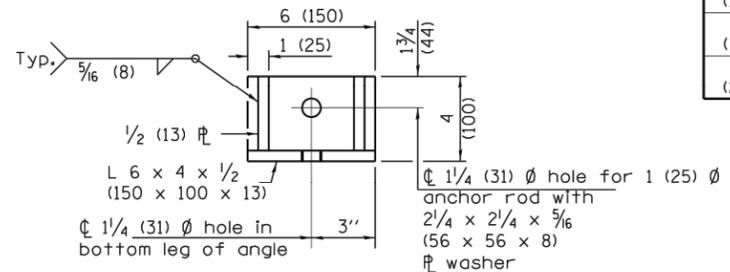


**ELEVATION**

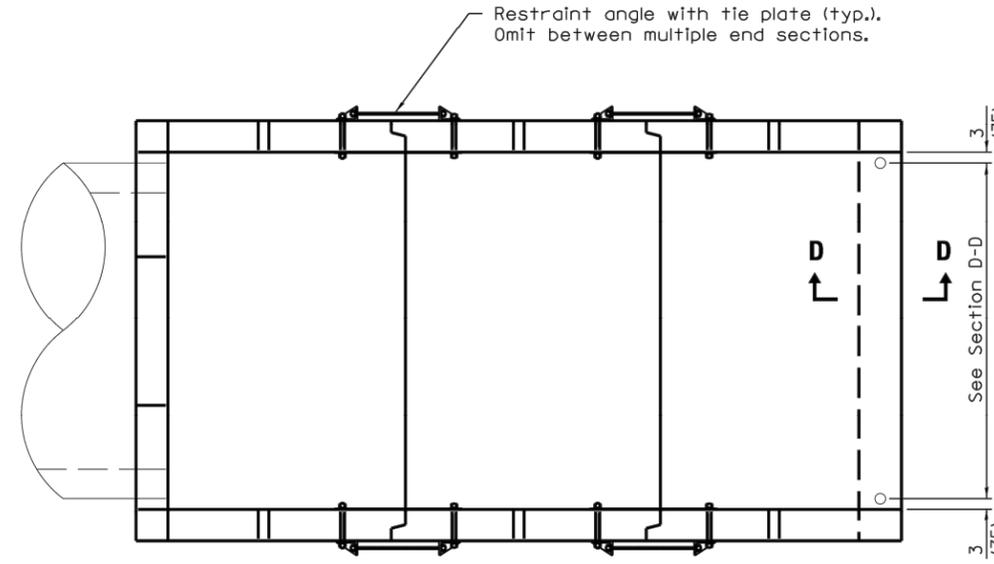
• This dimension shall be increased by 1/2 (38) for CIP field construction. See General Notes.



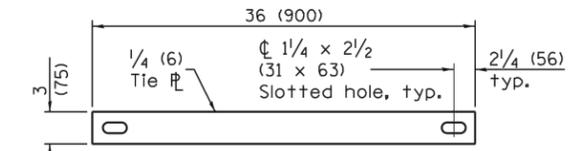
**END VIEW**



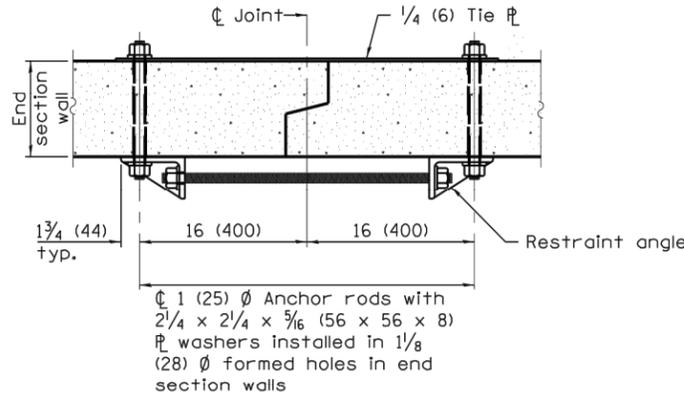
**RESTRAINT ANGLE DETAIL**



**PLAN**



**TIE PLATE DETAIL**



**SECTION A-A**

(Showing end section tie details)

**GENERAL NOTES**  
 This Standard is for use with single pipe culverts and multi-pipe culvert installations. For multi-pipe culvert installations, place the end sections side-by-side leaving a 3 (75) space between adjacent end section walls and fill the space(s) with Class SI concrete.

The number of segments shown in elevation is for example only. The length and number of precast sections required to construct the end section shall be determined by the Contractor.

See roadway plans for slope (V:H) and pipe inside diameter.

End section may be installed up to ± 15 degrees skewed with roadway.

2/4 x 2/4 x 5/6 (56 x 56 x 8) plate washers shall be provided under each nut required for the anchor rods. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of formed holes.

See Standard 542311 for end sections having traversable pipe grate.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

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DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**CONCRETE END SECTIONS FOR PIPE CULVERTS**

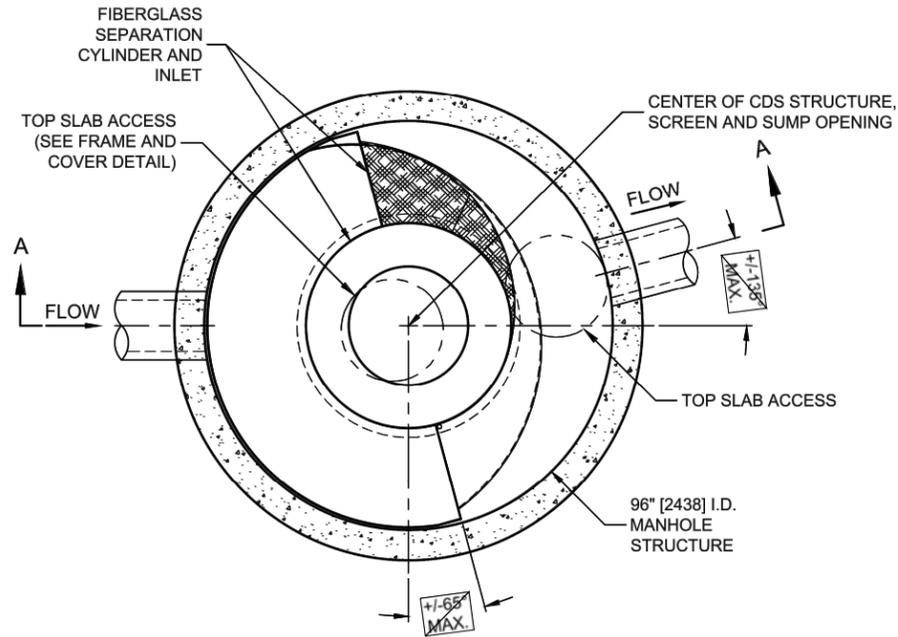
SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 76
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

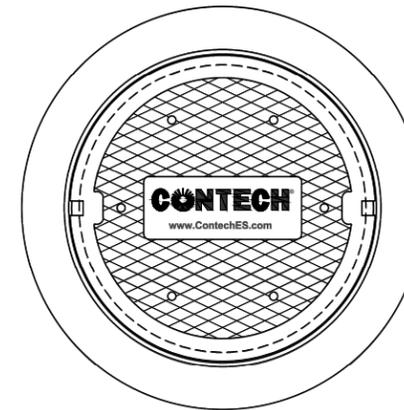
E U E PROJECT NO. 12E 22 25244

### CDS4030-8-C DESIGN NOTES

CDS4030-8-C STANDARD CONFIGURATION IS SHOWN.

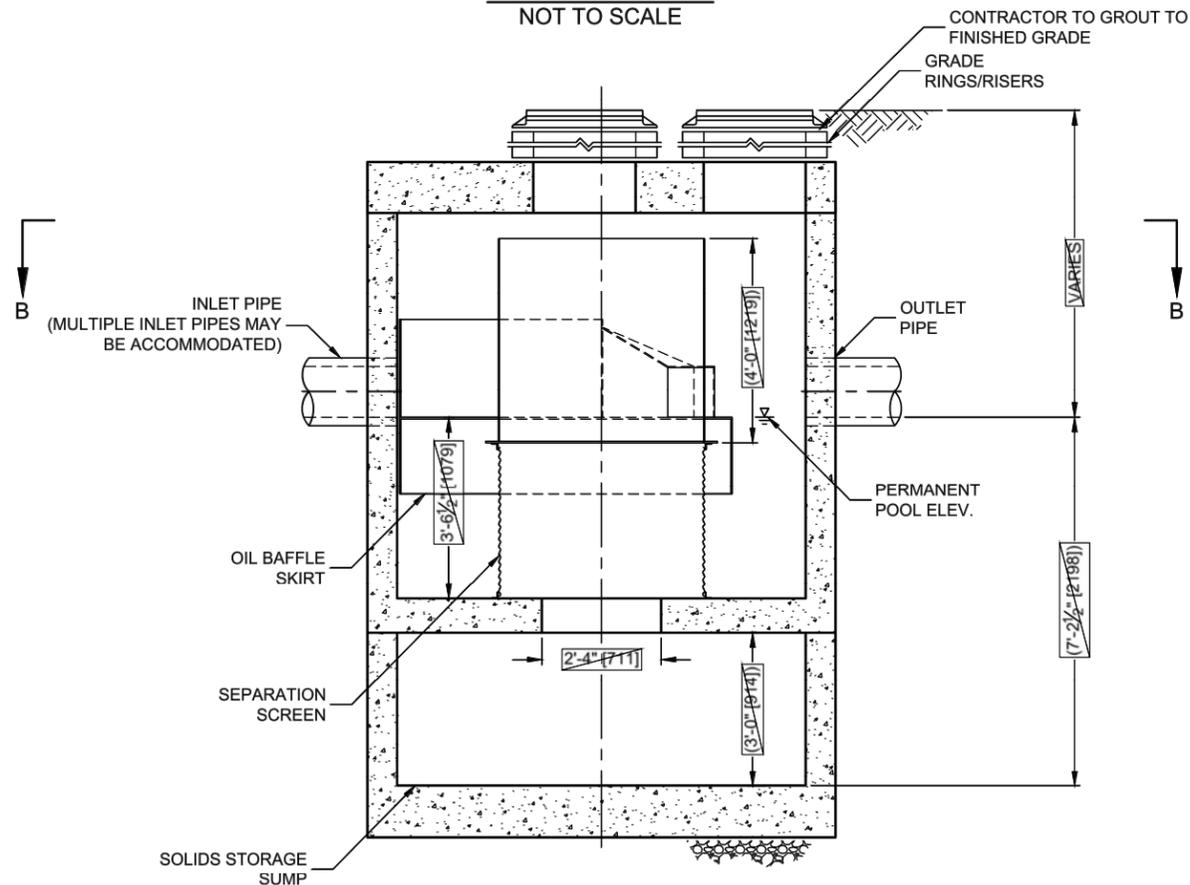


**PLAN VIEW B-B**  
NOT TO SCALE



**FRAME AND COVER**  
(DIAMETER VARIES)  
NOT TO SCALE

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID			
WATER QUALITY FLOW RATE (CFS OR L/s)		4.1 CFS	
PEAK FLOW RATE (CFS OR L/s)		33.5 CFS	
RETURN PERIOD OF PEAK FLOW (YRS)		10	
SCREEN APERTURE (2400 OR 4700)		2400	
PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	609.07	RCP	48"
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE	607.07	RCP	48"
RIM ELEVATION			615.38
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT	
	N/A	N/A	
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			



**ELEVATION A-A**  
NOT TO SCALE

**GENERAL NOTES**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. [www.ContechES.com](http://www.ContechES.com)
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 2', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO..
- IF REQUIRED, PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
- CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

**INSTALLATION NOTES**

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 6,788,046; 6,841,200; 6,811,880; 6,841,783. RELATED FOREIGN PATENTS, OR OTHER PATENTS PENDING.

Drawing file: W:\projects\_by\_village\brookfield\2522252 - burington ave phase II\Details\_Drainage & Utilities.dwg Aug 06, 2023 - 12:36pm



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CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

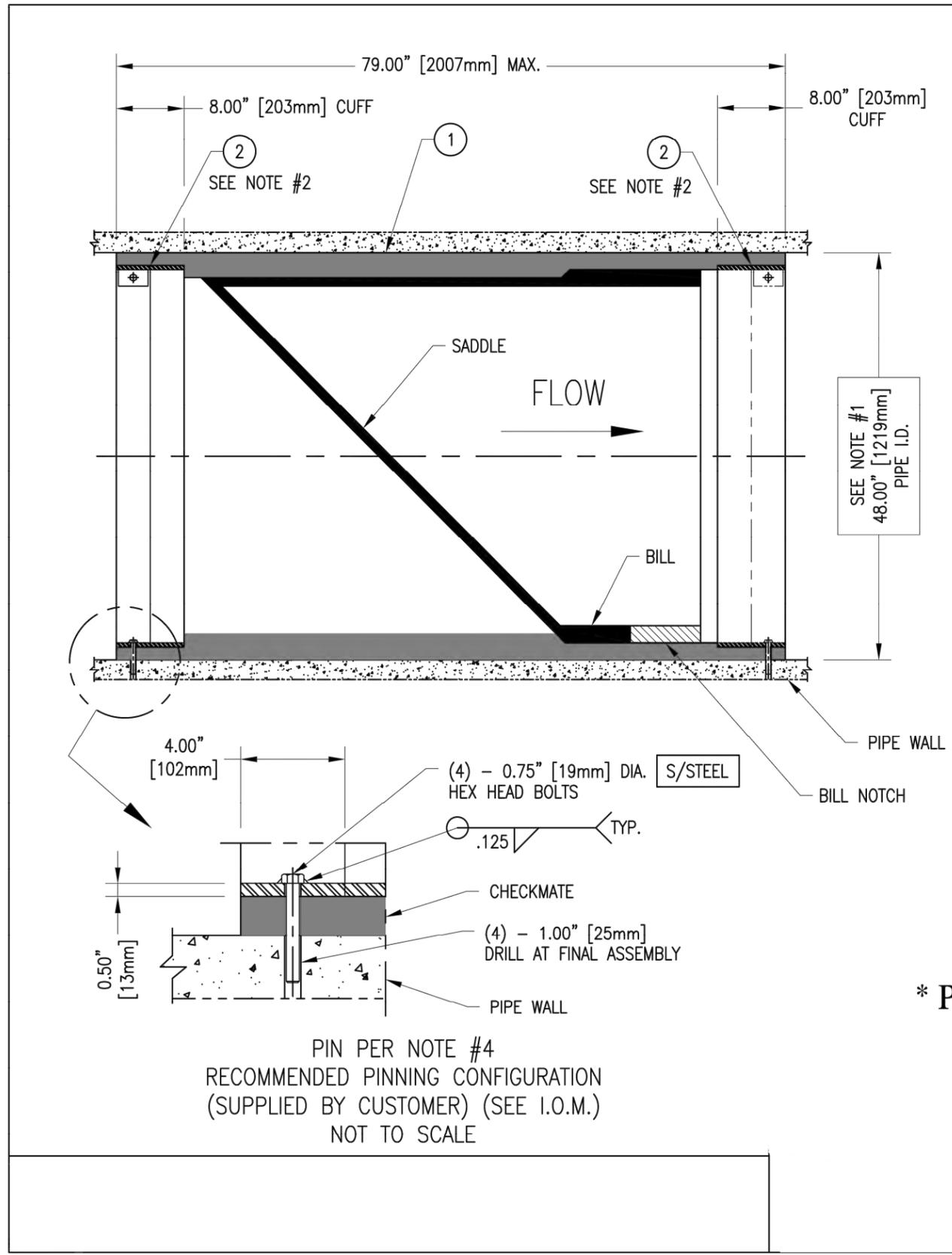
**CDS UNIT - CDS4030-8-C**  
**STANDARD DETAIL**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	77
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT		

E U E PROJECT NO. 12E 22 2524

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase ii\CHECK VALVE DETAIL.dwg Aug 06, 2023 - 12:36pm



ITEM	QTY.	DESCRIPTION	MAT'L
1	1	ULTRAFLEX CHECKMATE CHECK VALVE	MUST BE SUPPLIED
2	2	CLAMP	MUST BE SUPPLIED

- NOTES:**
- PIPE INSIDE DIAMETER - **MUST BE SUPPLIED**  
(MINIMUM ALLOWABLE PIPE DIAMETER - 47.00 INCHES)
  - CLAMP INSTALLED IN UPSTREAM OR DOWNSTREAM CUFF DEPENDING ON INSTALLATION ORIENTATION
  - MAXIMUM ALLOWABLE BACK PRESSURE - **23.0 FEET**
  - IT IS RECOMMENDED TO BOLT OR PIN CHECKMATE TO PIPE AS SHOWN, 4 PLACES 90° APART



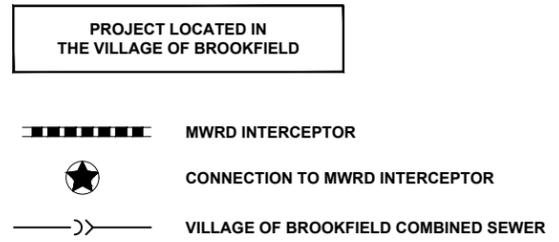
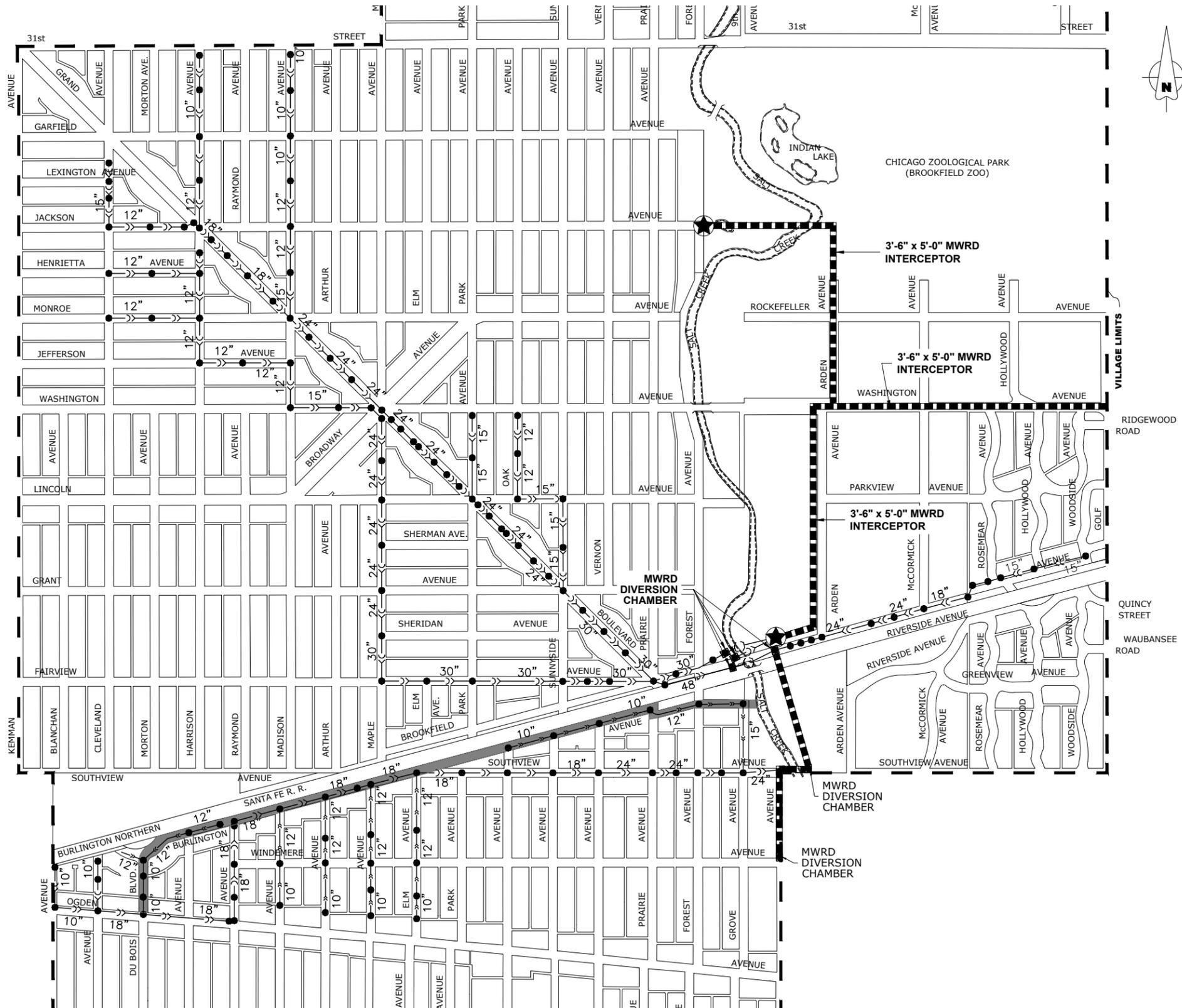
PIN PER NOTE #4  
RECOMMENDED PINNING CONFIGURATION  
(SUPPLIED BY CUSTOMER) (SEE I.O.M.)  
NOT TO SCALE

**\* PATENT PENDING \***

OPPORTUNITY No: XXXXX	SALES ORDER No: TXX-XXXX
<b>Tideflex</b> Technologies	
A Division of Red Valve Company, Inc.	
750 HOLIDAY DR. STE.400 PITTSBURGH, PA. 15220 info@redvalve.com 412.279.0044 fax 412.279.5410	
TT PRODUCT: 48.00" ULTRAFLEX CHECKMATE CHECK VALVE	
TT PART No: CMCBUF-480-APPROVAL	
DR. BY: PAP	DATE: 1-30-17
CHKD. BY:	DATE:
CAD SCALE: FULL	REV
PLOT SCALE: 1 = 1	DWG No: TTS-DWG

DESIGNED - X	REVISED -
DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 78
FIELD BOOK NO.:		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



**NOTE:**  
 1. ALL SEWERS FROM PROJECT LOCATIONS TO SALT CREEK OR MWRD INTERCEPTOR ARE OWNED AND MAINTAINED BY THE VILLAGE OF BROOKFIELD.

LYONS TOWNSHIP 39 NORTH, RANGE 12 EAST, SECTION 3  
 PROVISO TOWNSHIP 39 NORTH, RANGE 12 EAST, SECTION 34

**PROJECT LOCATION**  
**ROUTE OUTLET MAP**

Drawing file: W:\projects\_by\_village\brookfield\12522252 - burlington\_ave phase 04\_MWRDGC GeneralNotes for MWRD.dwg Aug 08, 2023 - 12:37pm

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 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	79
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

Drawing file: W:\Projects\_by\_village\brookfield\2522252 - burlington ave phase II\BF\_Site\_Burlington 40scale.dwg Aug 08, 2023 - 12:37pm

JOB-SITE SIGNING CODES AND SIZES			JOB-SITE SIGNING CODES AND SIZES		
SYMBOL	SIGN	CODE & SIZE	SYMBOL	SIGN	CODE & SIZE
S		R1-1 30"x30"	CC		S1-1 36"x36"
AW		R1-3P 18"x6"	5 TON		R12-1 12"x18"
25		R2-1 24"x30"	CT DNS		W4-1100 24"x12"
HP		R7-8 12"x8"	TFL DNS		W4-4aP 24"x12"
FINE		R7-1101P 12"x6"	TFR DNS		W4-4aP 24"x12"
NP		R7-1 12"x18"	PG		W15-1 30"x30"
NPAT		R7-1 12"x18"			
NPAT		R7-1 12"x18"			
NPTS		R7-1 12"x18"			
NPT1		R7-1 12"x18"			
NPT2		R7-1 12"x18"			
NPT3		R7-1 12"x18"			

**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.

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

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

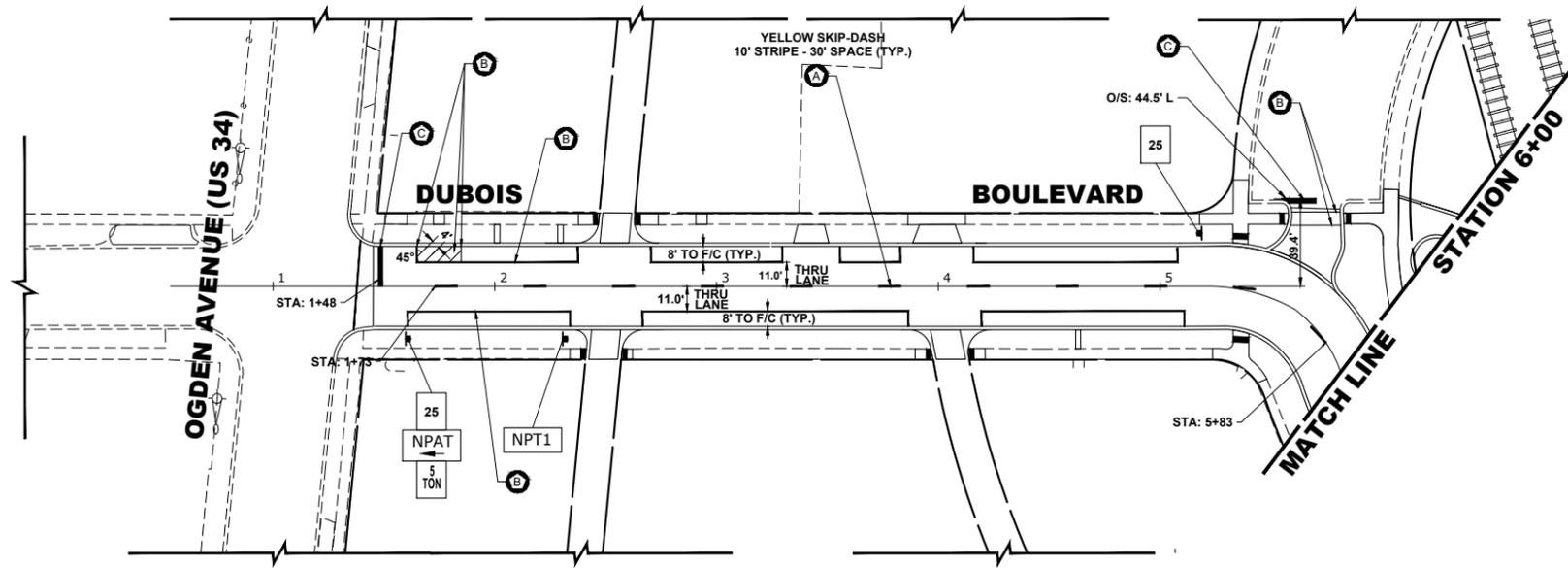
ALUMINUM: BOLTS: ASTM B211 ALLOY 6061-T6 OR 2024-T4, NUTS: ASTM B211 ALLOY 6061-T6 OR 6262-T9, WASHERS: ASTM B209 ALCLAD 2024-T4.

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

SYMBOL	DESCRIPTION
	METAL POST - TYPE A

DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	80
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**NOTE:**

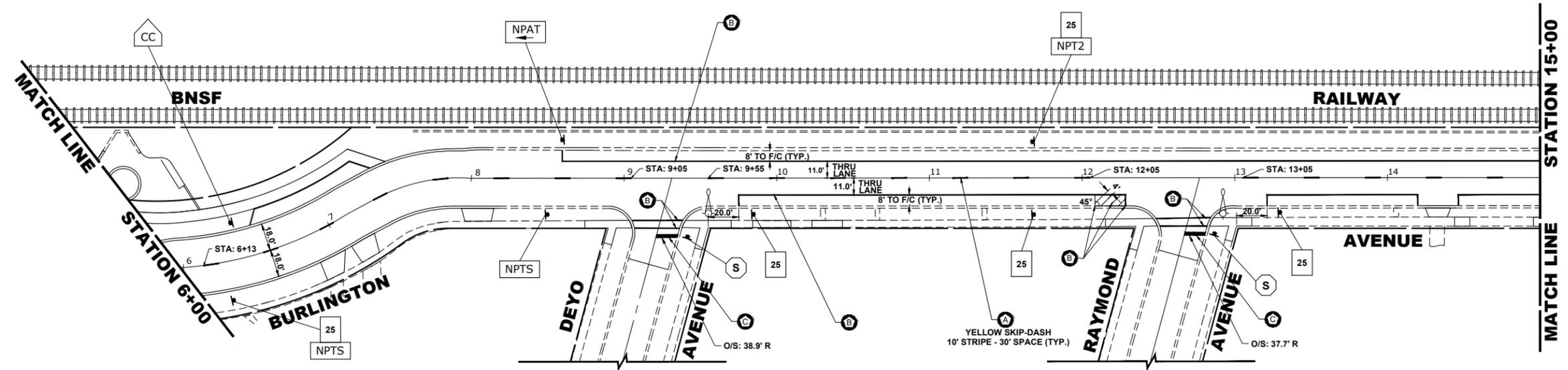
- VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS ARE TO BE REMOVED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. AS DESIGNATED BY ENGINEER, THE CONTRACTOR SHALL REINSTALL SIGNS AFTER COMPLETION OF PROJECT. REMOVAL AND NEW REPLACEMENT OF VILLAGE MISCELLANEOUS (SPECIALTY) SIGNS AND THEIR POSTS ARE TO BE DETERMINED BY THE ENGINEER. (COST IS TO BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING SIGN " OR "SIGN PANEL - TYPE 1" AND "METAL POST - TYPE I" PAY ITEM)
- STREET NAME SIGNS AND POSTS ARE TO BE REMOVED BY CONTRACTOR AT THE BEGINNING OF CONSTRUCTION, SAFELY STORED BY THE CONTRACTOR AND REINSTALLED BY THE CONTRACTOR AT THE COMPLETION OF THE PROJECT (COST IS TO BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING SIGN" PAY ITEM)
- ALL POSTS TO BE TYPE A UNLESS OTHERWISE NOTED.
- CONTRACTOR TO VERIFY LOCATIONS OF ALL SIGNAGE.
- 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
- MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4"
- MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS

**SYMBOL**

- (A)
- (B)
- (C)
- (D)
- (E)
- (F)



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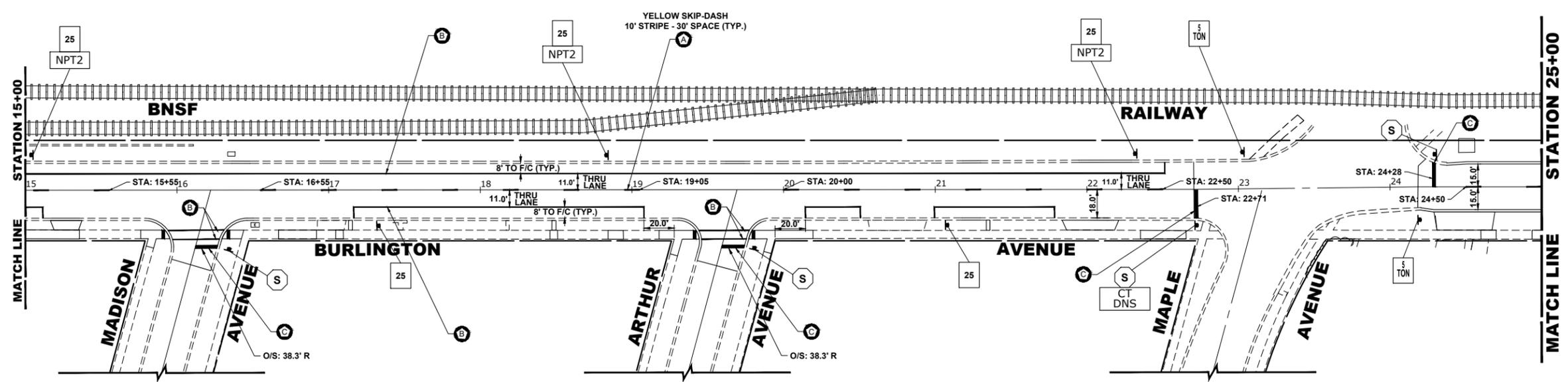
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 40'    SHEET NO. 1 OF 3 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	81
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



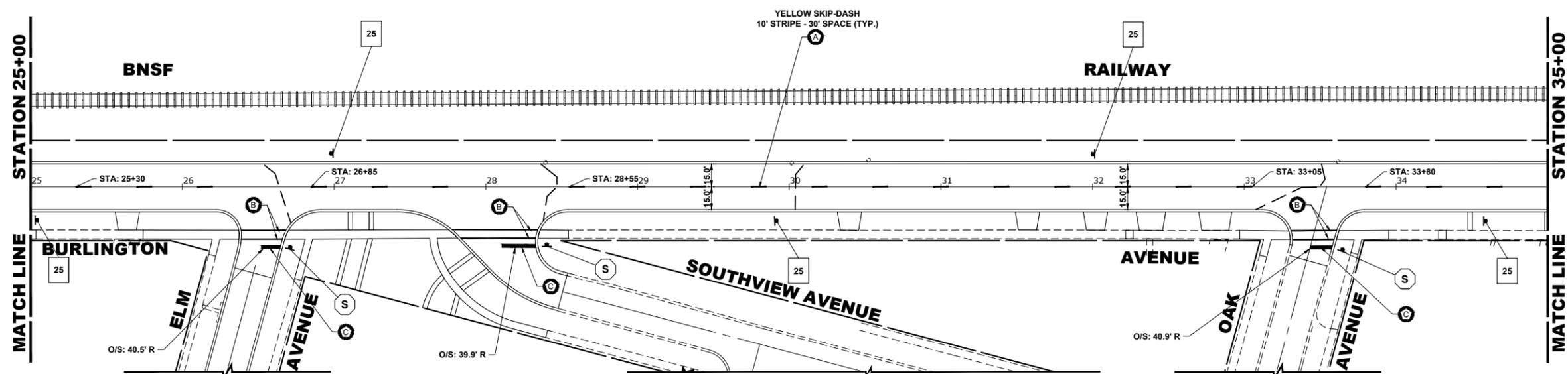
**NOTE:**

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**ITEM DESCRIPTION**

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- THERMOPLASTIC PAVEMENT MARKING - LINE 6"
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- THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS
- MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LINE 4"
- MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS

**SYMBOL**



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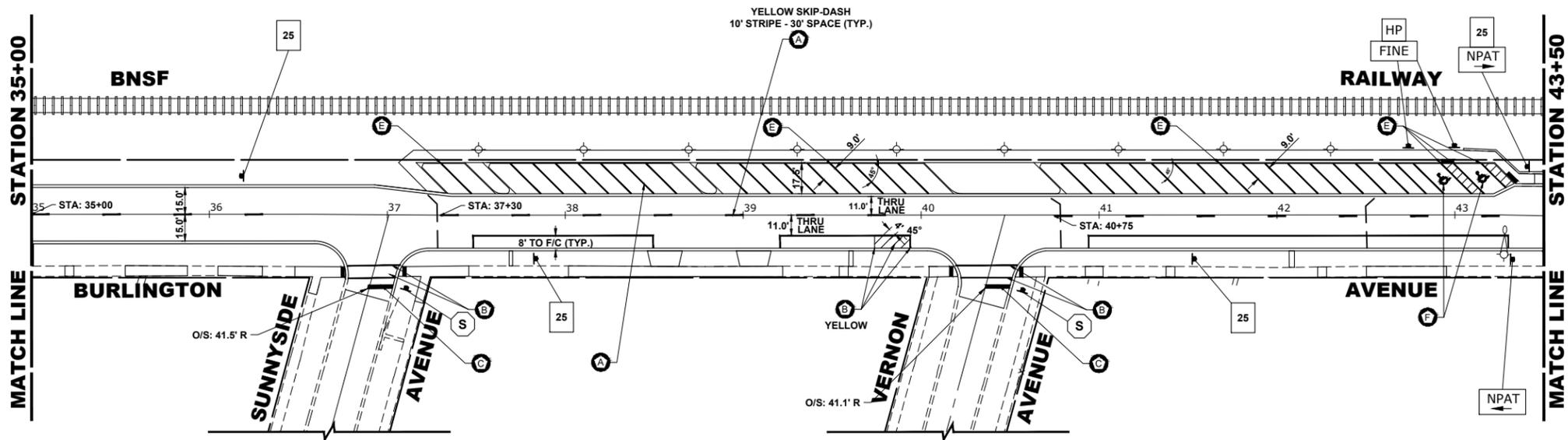
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 40'    SHEET NO. 2 OF 3 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	82
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



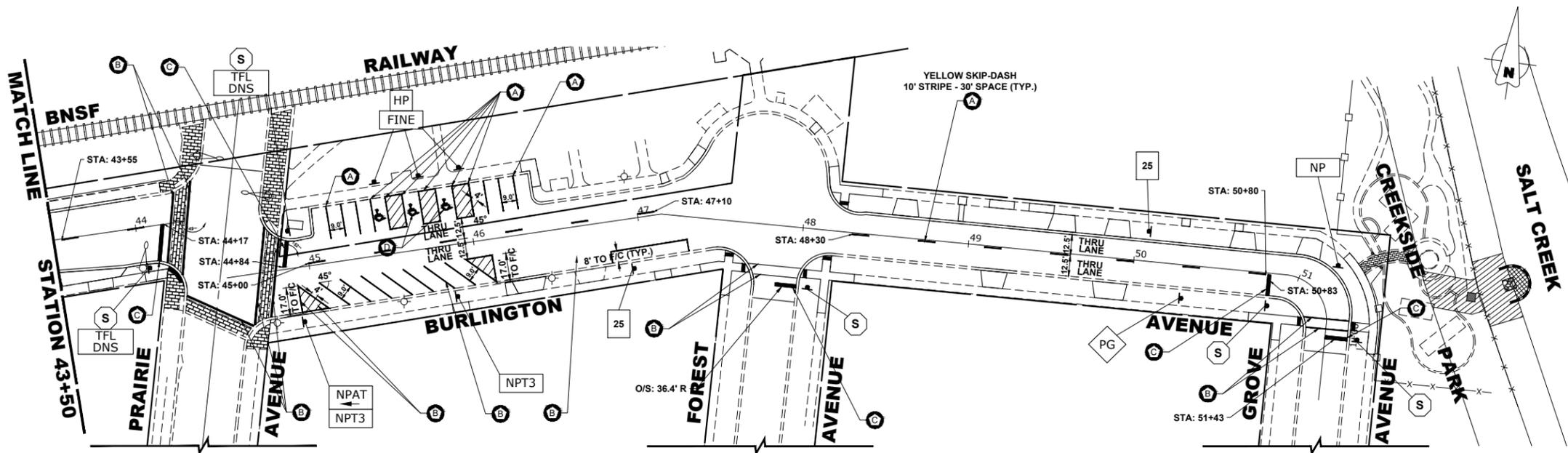
**NOTE:**

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- MODIFIED URETHANE PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS

**SYMBOL**



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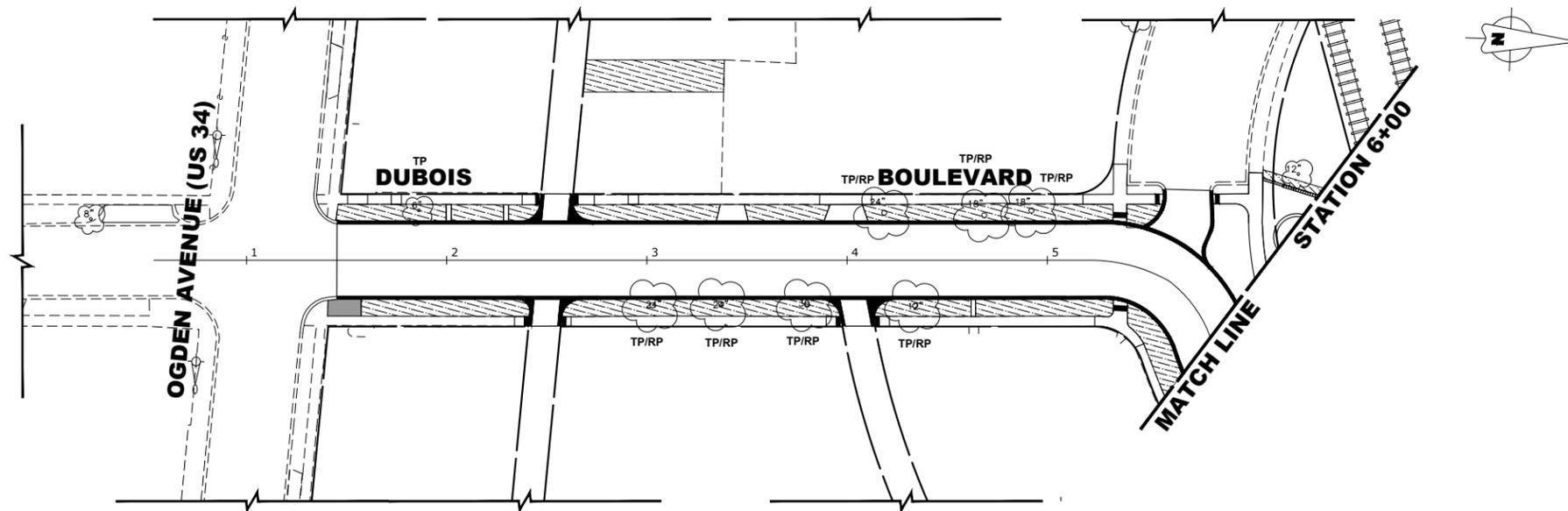
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 40' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	83
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				



**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 27 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.

**RIPARIAN ENVIRONMENT:**

IDOT CLASS 4A SEED MIXTURE TO BE USED FOR RESTORATION WITHIN RIPARIAN ENVIRONMENT

**MULCH:**

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

**PROPOSED TREES:**

ALL PROPOSED TREES TO BE PLANTED BY THE VILLAGE OF BROOKFIELD AT THE COMPLETION OF THE PROJECT

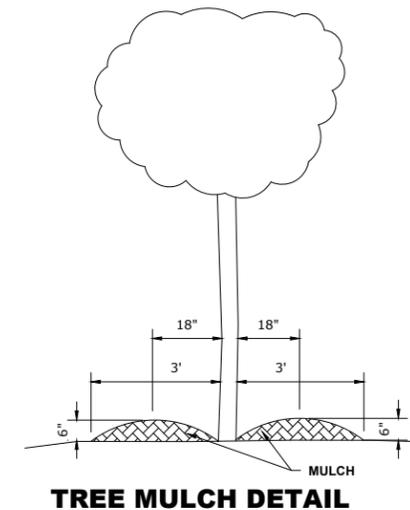
ALL PROPOSED TREES SHALL FOLLOW THE FOLLOWING MINIMUM DISTANCES:

- \*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**

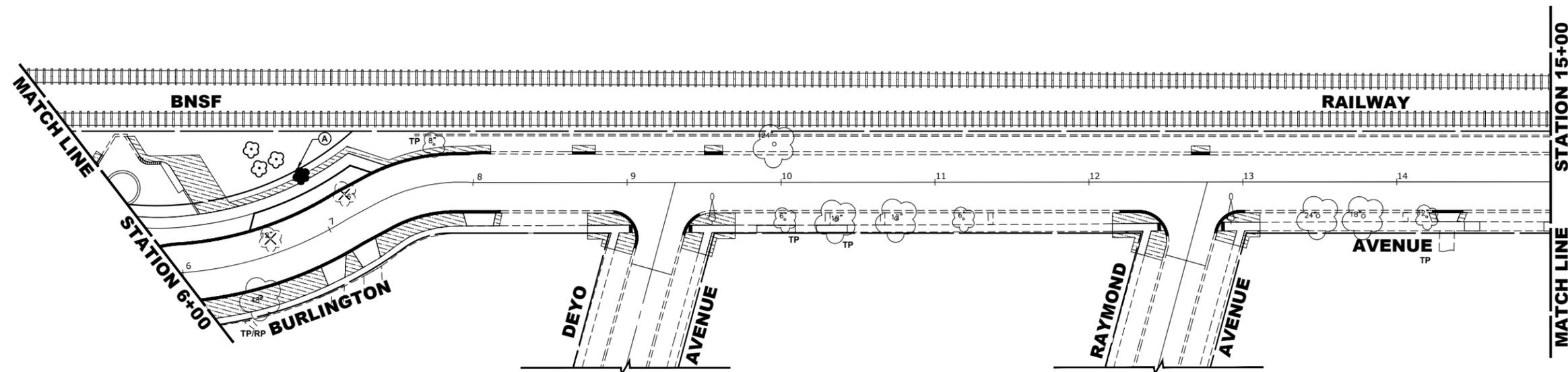
SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
A	IMPERIAL THORNLESS HONEYLOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL	1-3/4" CALIPER	2
B	GREENSPIRE LITTLE LEAF LINDEN	TILIA CORDATA GREENSPIRE	2" CALIPER	2
C	AUTUMN BLAZE FREEMAN MAPLE	ACER FREEMANII	2" CALIPER	2
D	DAVID CRABAPPLE	MALUS DAVID	2-1/2"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

\* TREE REPLACEMENT NOT PART OF PROJECT SCOPE



**LEGEND OF SYMBOLS**

SYMBOL	DESCRIPTION
[Hatched pattern]	PROPOSED SODDED PARKWAY
[White box]	PROPOSED CONCRETE AREA
[Dark grey box]	PROPOSED HOT-MIX ASPHALT AREA
[Dotted pattern]	MULCH
TP	TREE TRUNK PROTECTION
RP	TREE ROOT PRUNING



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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

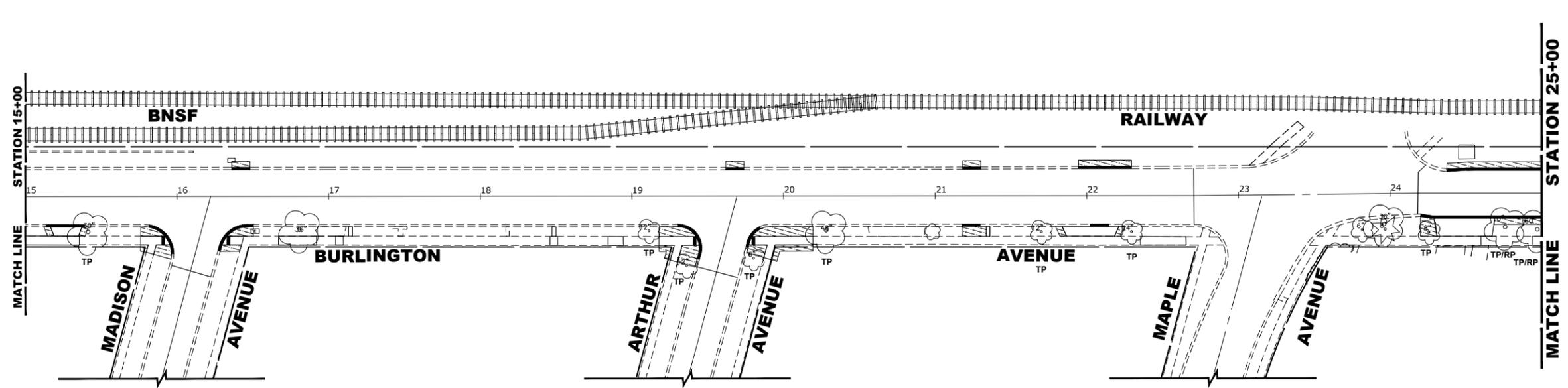
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN**

SCALE: 1" = 40' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	84
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

E.H.E. PROJECT NO. 125-22-25201



**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 27 GALLONS PER SQUARE YARD SODDING. SODDED SLOPES WHICH ARE 2:1 OR STEEPER SHALL BE STAKED. (PROVIDE A 3" STRIP AROUND CATCH BASINS IN SEEDING 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.

**RIPARIAN ENVIRONMENT:**

IDOT CLASS 4A SEED MIXTURE TO BE USED FOR RESTORATION WITHIN RIPARIAN ENVIRONMENT

**MULCH:**

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

**PROPOSED TREES:**

ALL PROPOSED TREES TO BE PLANTED BY THE VILLAGE OF BROOKFIELD AT THE COMPLETION OF THE PROJECT

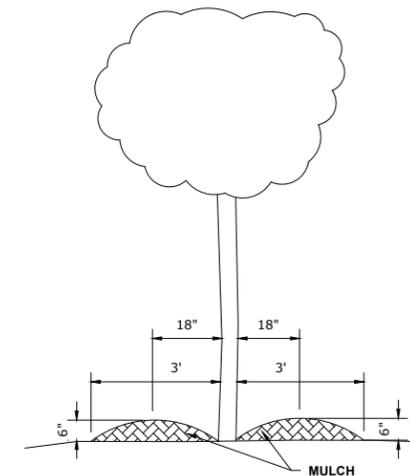
ALL PROPOSED TREES SHALL FOLLOW THE FOLLOWING MINIMUM DISTANCES:

- \*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**

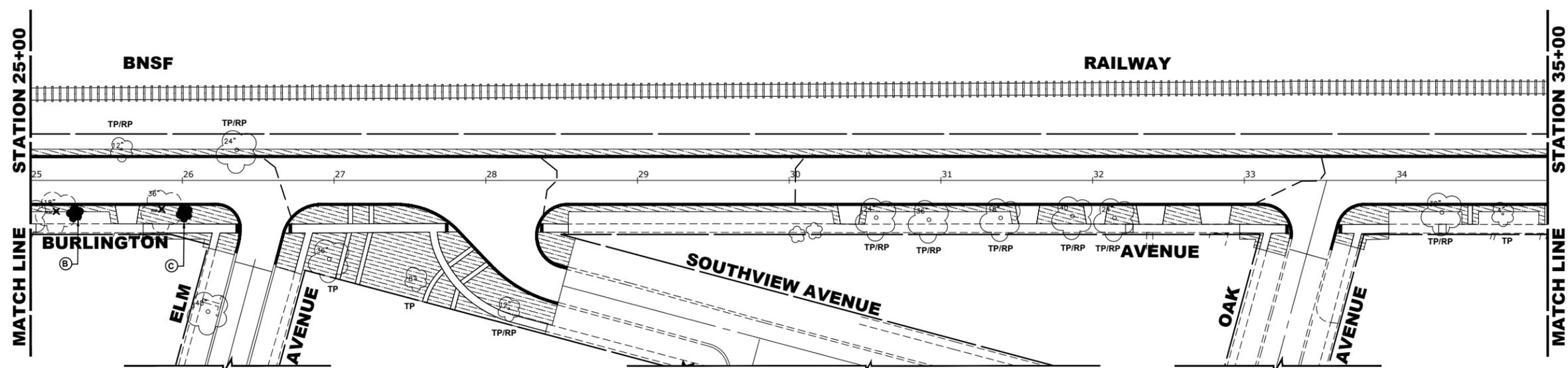
SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
A	IMPERIAL THORNLESS HONEYLOCUST	GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL	1-3/4" CALIPER	2
B	GREENSPIRE LITTLE LEAF LINDEN	TILIA CORDATA GREENSPIRE	2" CALIPER	2
C	AUTUMN BLAZE FREEMAN MAPLE	ACER FREEMANII	2" CALIPER	2
D	DAVID CRABAPPLE	MALUS DAVID	2-1/2"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

\* TREE REPLACEMENT NOT PART OF PROJECT SCOPE



**LEGEND OF SYMBOLS**

SYMBOL	DESCRIPTION
	PROPOSED SODDED PARKWAY
	PROPOSED CONCRETE AREA
	PROPOSED HOT-MIX ASPHALT AREA
	MULCH
TP	TREE TRUNK PROTECTION
RP	TREE ROOT PRUNING



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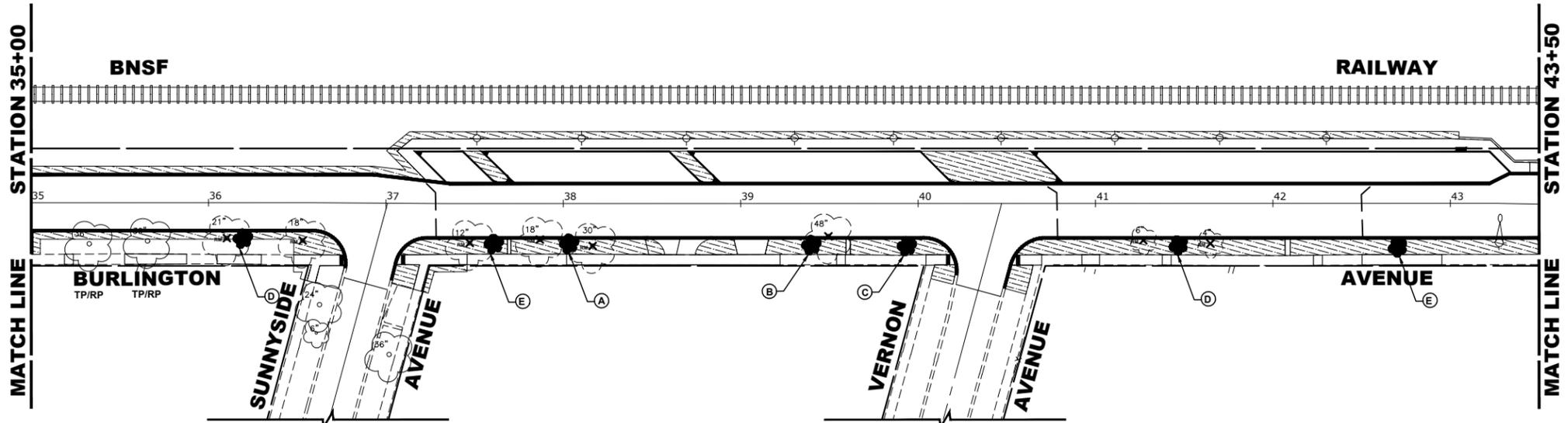
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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN**

SCALE: 1" = 40' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 85
FIELD BOOK NO. :		CONTRACT NO. 61J89		
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
	MULCH
TP	TREE TRUNK PROTECTION
RP	TREE ROOT PRUNING

**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 27 GALLONS PER SQUARE YARD SODDING. SODDED SLOPES WHICH ARE 2:1 OR STEEPER SHALL BE STAKED. (PROVIDE A 3" STRIP AROUND CATCH BASINS IN SEEDING AREAS).

**4" TOP SOIL LAYER:**  
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**RIPARIAN ENVIRONMENT:**  
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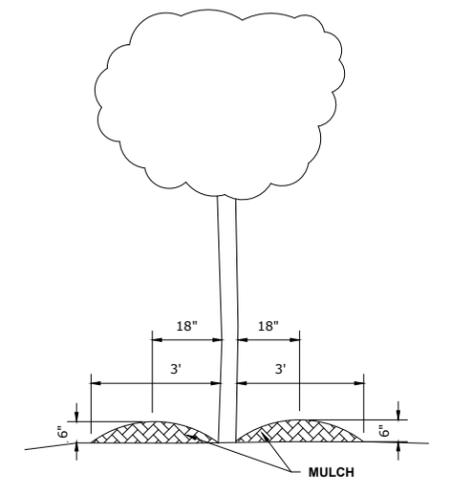
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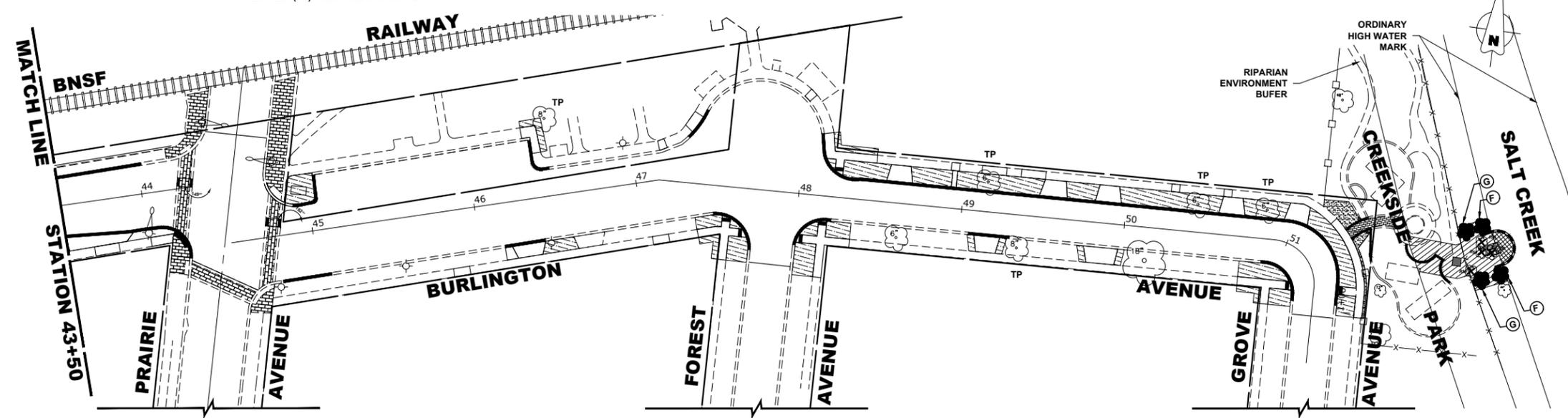
**TREE REPLACEMENT**

SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
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G	COCKSPUR HAWTHORN	CRATAEGUS CRUSGALLI	2" CALIPER	2

\* TREE REPLACEMENT NOT PART OF PROJECT SCOPE



**TREE MULCH DETAIL**



**CREEK AND RIPARIAN IMPACT**

AREA	INDICATOR	IMPACT (SF)	IMPACT (ACRE)
TEMPORARY CREEK IMPACT		157.1	0.0036
PERMANENT CREEK IMPACT		14.0	0.0003
TEMPORARY RIPARIAN IMPACT		1420.0	0.0326
PERMANENT RIPARIAN IMPACT		9.0	0.0002

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DRAWN - ECW, SFB, DMM, GD	REVISED -
CHECKED - XXX	REVISED -
DATE - 8-7-23	REVISED -

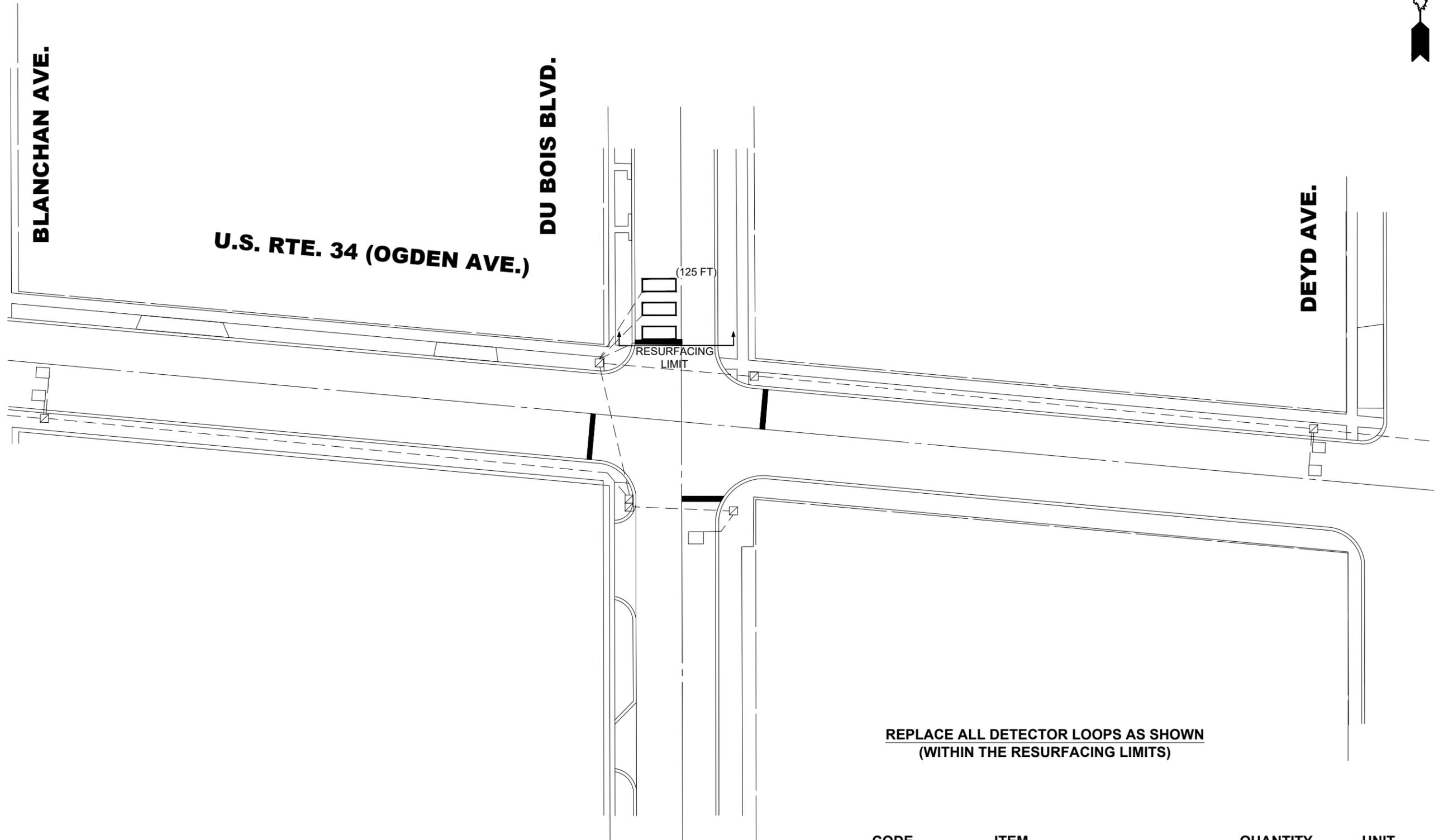
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN**  
 SCALE: 1" = 40'  
 SHEET NO. 3 OF 3 SHEETS  
 STA. TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 86
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

**NOTES:**

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



CODE	ITEM	QUANTITY	UNIT	TS	13871
88600100	DETECTOR LOOP, TYPE 1	125	FOOT		



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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

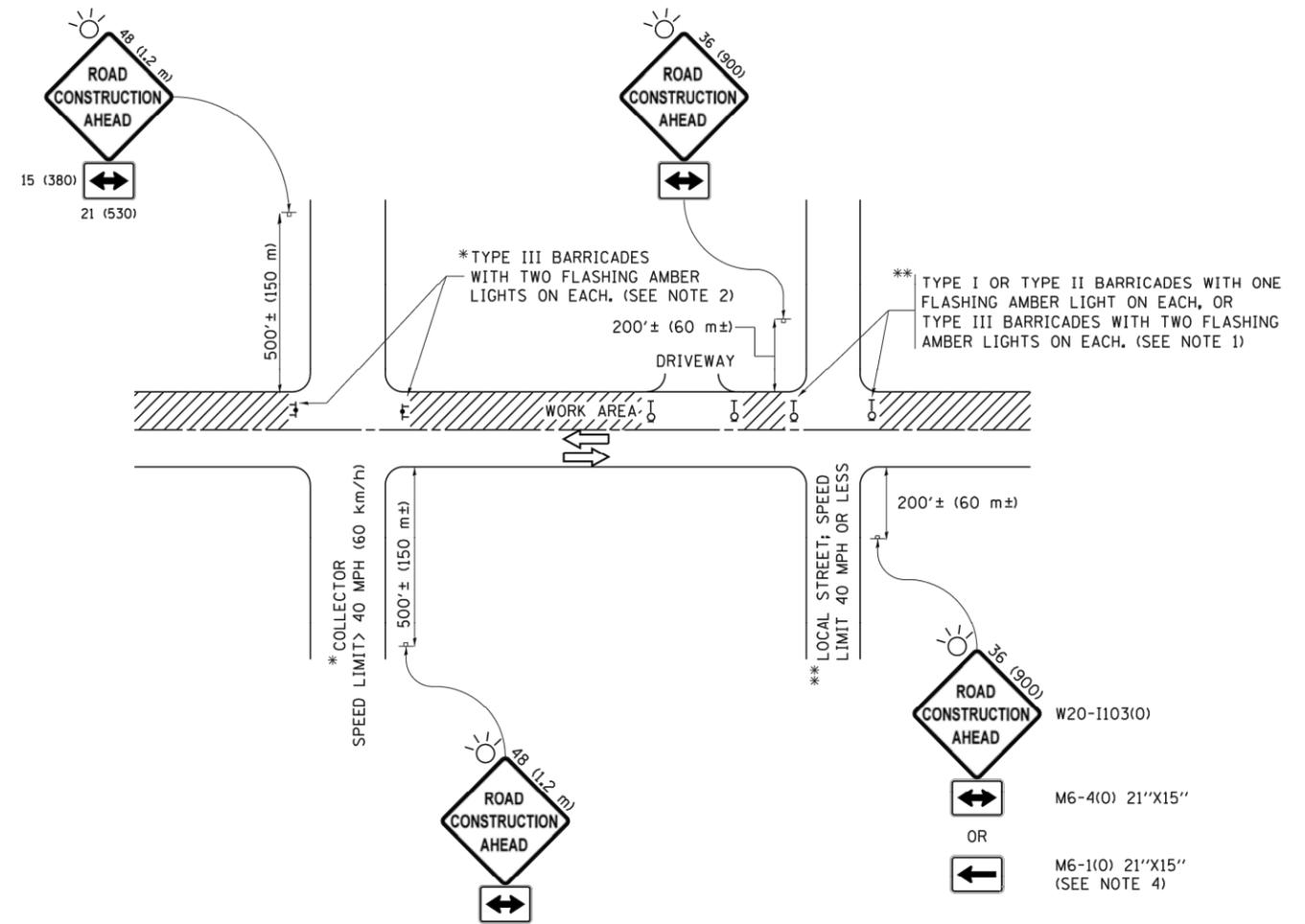
**DETECTOR LOOP REPLACEMENT PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	87
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1   ILLINOIS		FED. AID PROJECT		

Drawing file: W:\projects\_by\_village\rockfield\1252252 - Burlington ave phase 1\BF\_Site\Detector Loops.dwg Aug 08, 2023 - 12:38pm

Drawing file: W:\projects\_by\_village\brookfield\1252252 - burrington one phase il\District One Details.dwg Aug 08, 2023 - 12:38pm



**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.

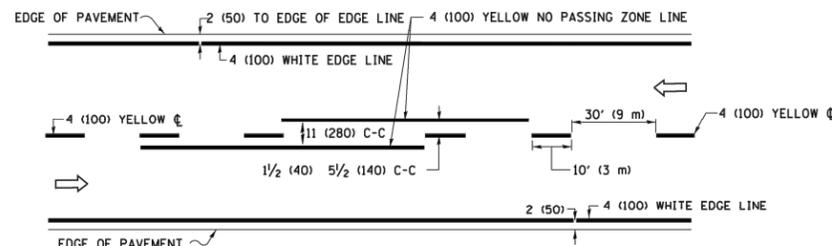
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pwi\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist	Documents\IDOT Offices\District 1\Projects\Dist	DRAWN - CADData\CADsheets\tcl0.dgn	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.0000' / in.	CHECKED -	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**

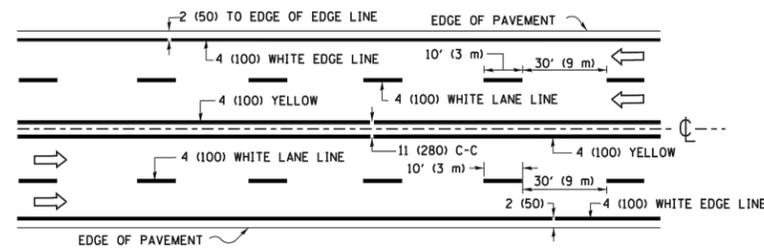
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

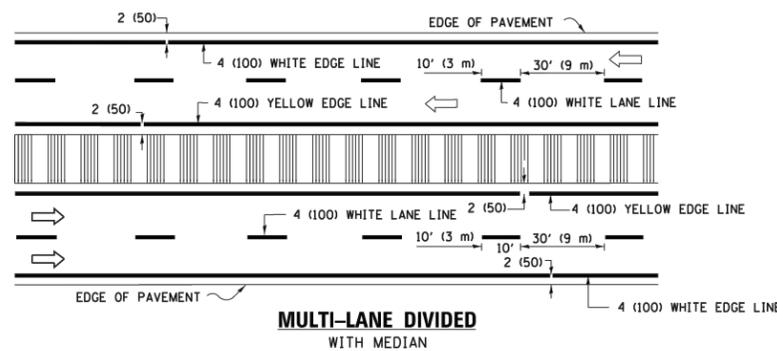
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	88
FIELD BOOK NO. TC-10		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**2-LANE ROADWAY**

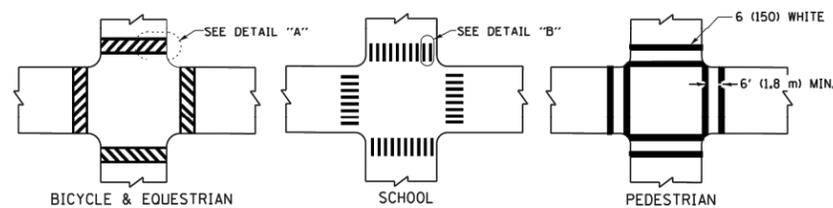


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

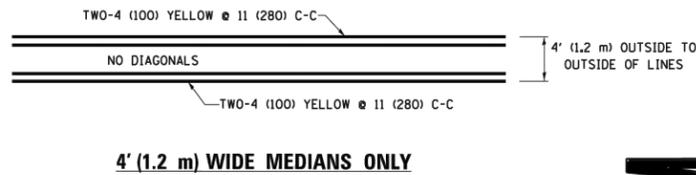


**DETAIL "A"**

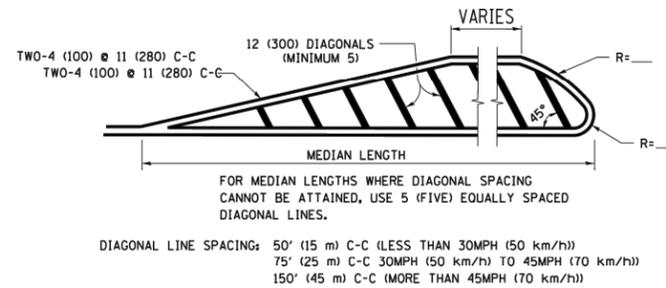
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

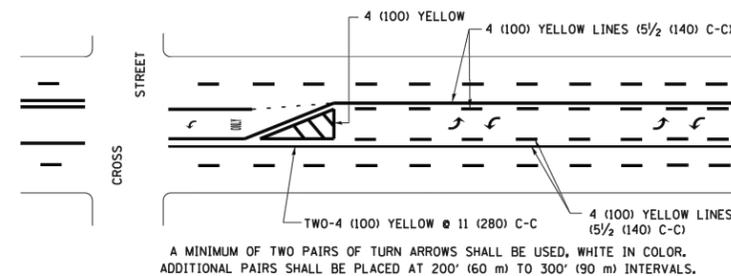
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



**4' (1.2 m) WIDE MEDIANS ONLY**

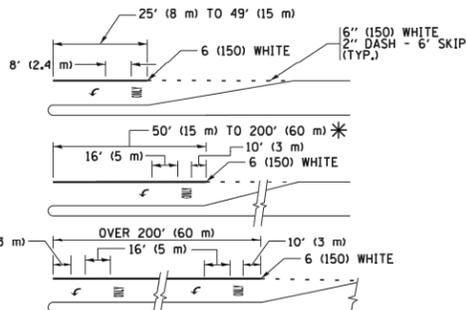


**MEDIANS OVER 4' (1.2 m) WIDE**



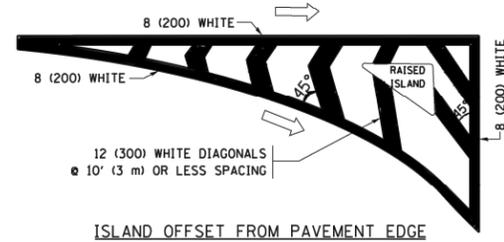
**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

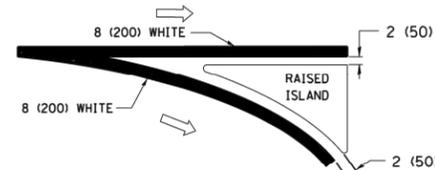


**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

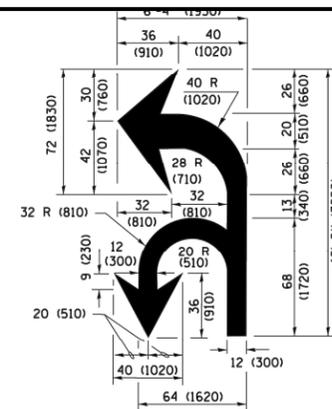


**ISLAND OFFSET FROM PAVEMENT EDGE**

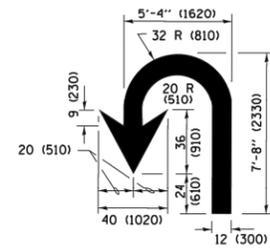


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (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	WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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.

Drawing file: W:\projects\_by\_village\brookfield\1252252 - burlington one phase 1\District One Details.dwg Aug 08, 2023 - 12:39pm

FILE NAME =	USER NAME = footm	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
p:\v\l\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\District One\CAD\Details\CADsheets\tcl3.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.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-PP	COOK	107	89
FIELD BOOK NO. TC-13		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 125-22-25201

Drawing file: W:\projects\_by\_village\brookfield\1252252 - burrington one phase ill\District One Details.dwg Aug 08, 2023 - 12:38pm

**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**

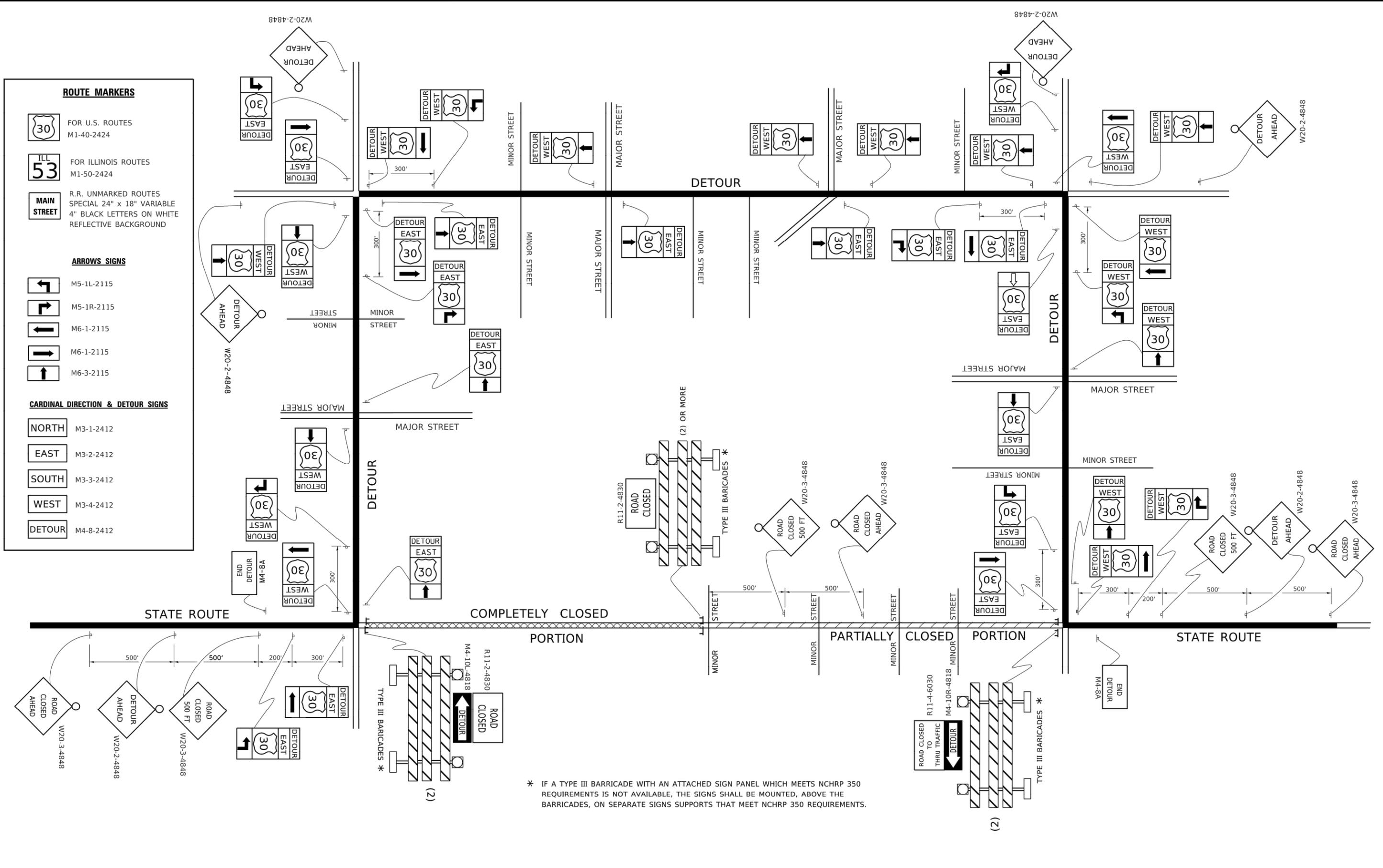
NORTH M3-1-2412

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.

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

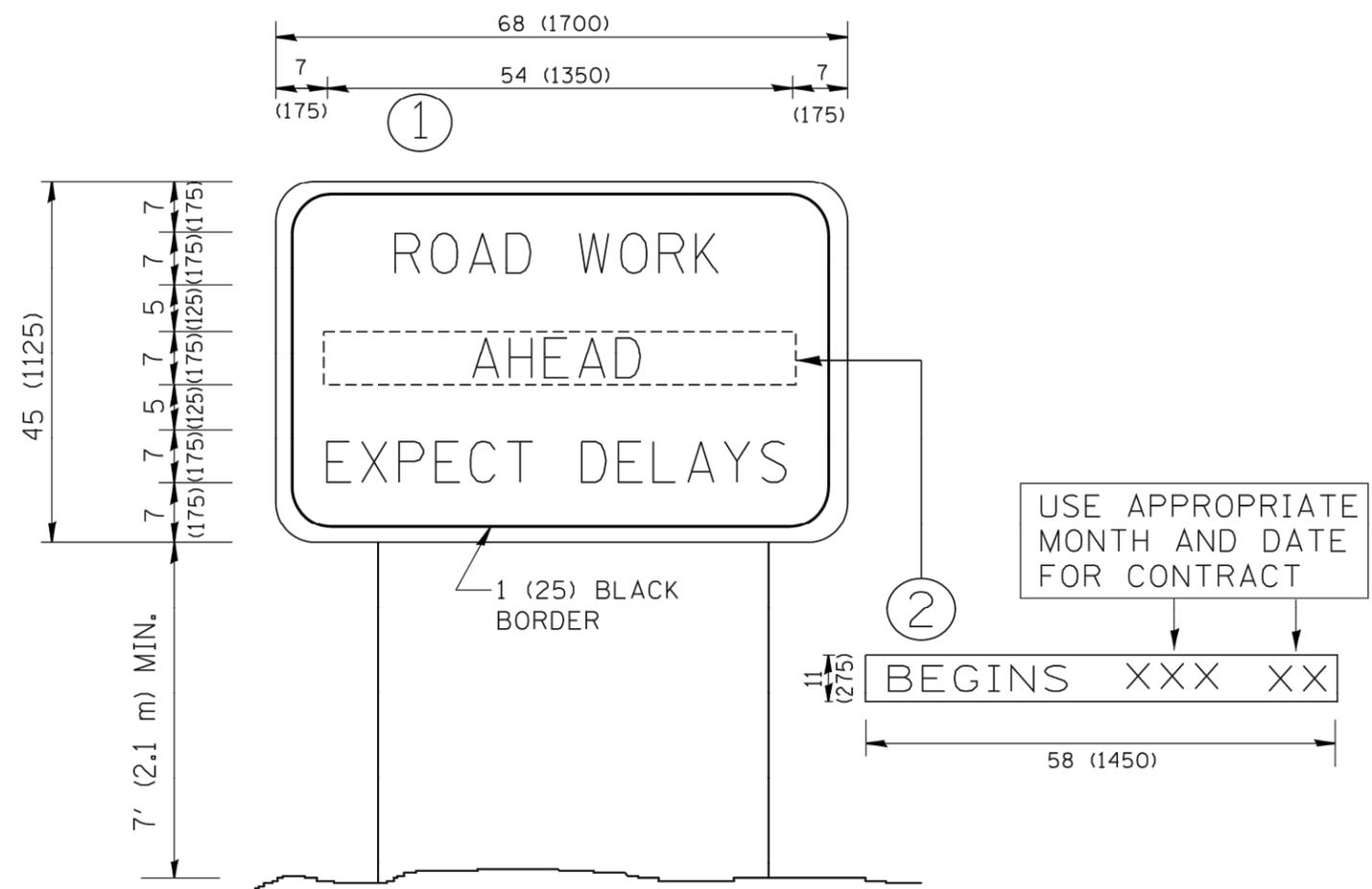
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING  
FOR CLOSING STATE HIGHWAYS**

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

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 90
FIELD BOOK NO. TC-21		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

Drawing file: W:\projects\_by\_village\brookfield\12522252 - burrington ave phase ii\District One Details.dwg Aug 08, 2023 - 12:38pm



**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.

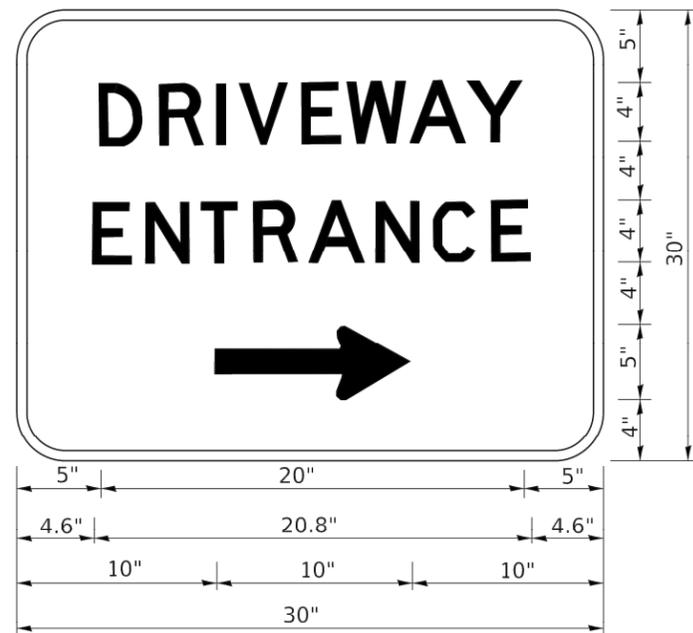
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE. 0655	SECTION 20-00133-00-FP	COUNTY COOK	TOTAL SHEETS 107	SHEET NO. 91
FIELD BOOK NO. TC-22		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



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

NOTES:

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

Drawing file: W:\projects\_by\_village\brookfield\12522252 - burrington one phase ii\District One Details.dwg Aug 08, 2023 - 12:38pm

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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

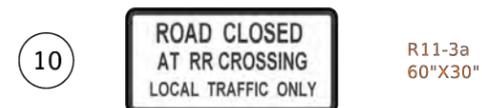
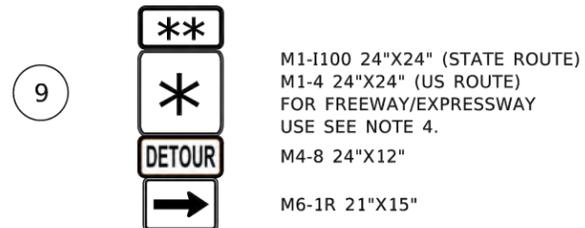
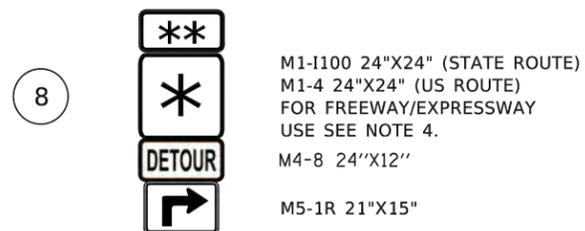
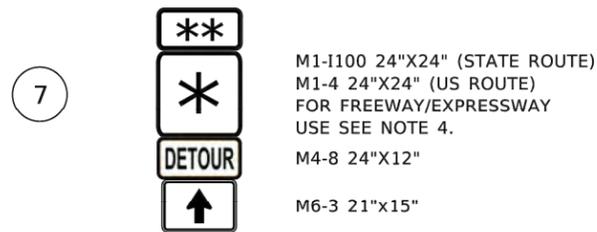
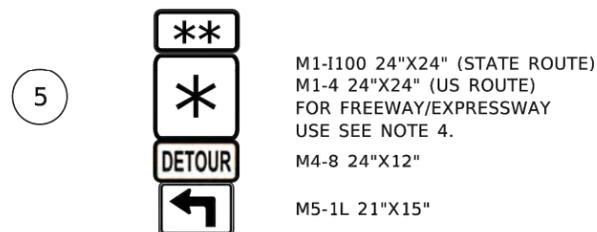
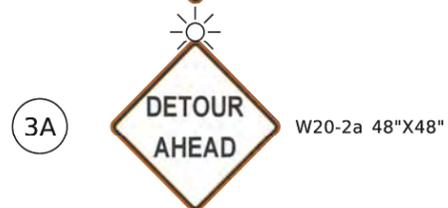
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

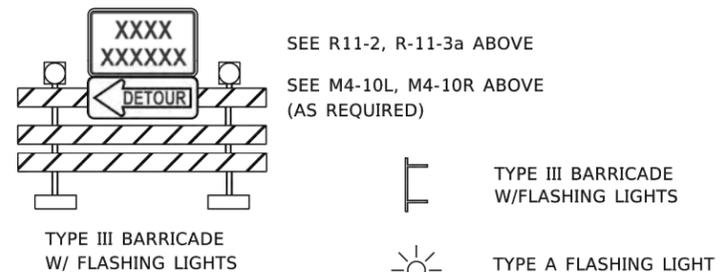
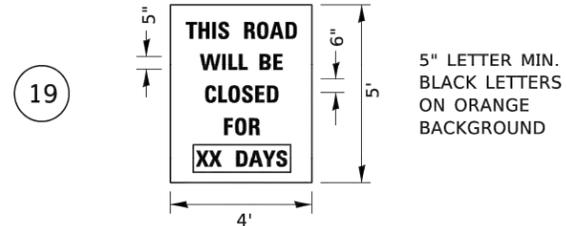
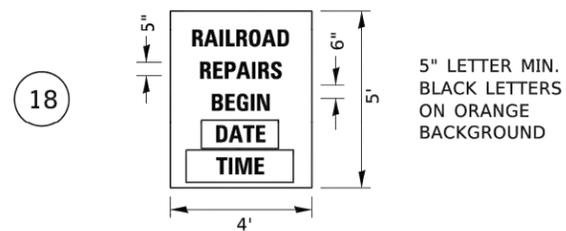
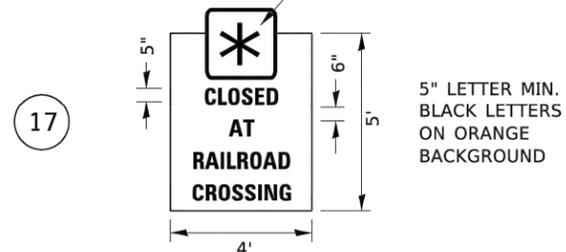
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FIELD BOOK NO. TC-26			CONTRACT NO. 61J89	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

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

# RAILROAD CROSSING REPAIR DETOUR SIGNING



M1-1100 24"X24" (STATE ROUTE)  
M1-4 24"X24" (US ROUTE)  
FOR FREEWAY/EXPRESSWAY USE SEE NOTE 4.



## NOTES:

1. FOR DETOURS OF UNMARKED ROUTES, SIGNS 5 - 9A SHALL BE MODIFIED TO USE THE M4-9 SIGN SERIES.

2. FOR DETOURS OF MARKED ROUTES, THE ORDER OF THE SIGNS SHOWN IN THE SIGN ASSEMBLIES 5 - 9A SHALL BE MODIFIED TO MATCH TYPICAL ASSEMBLY SHOWN BELOW.



3. ANY SIGNS THAT ARE TO BE IN PLACE FOR MORE THAN 4 DAYS MUST HAVE A VERTICAL CLEARANCE OF 7 FEET FROM TOP OF PAVEMENT TO THE BOTTOM OF THE SIGN (5 FEET IN RURAL AREAS). THESE SIGNS SHALL BE POST MOUNTED IN THE GROUND WHERE POSSIBLE PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND HIGHWAY STANDARD 701901.

4. FOR FREEWAY/EXPRESSWAY USE - M1-1100 36"X36" USED FOR ILLINOIS ROUTES, M1-4 36"X36" FOR U.S. ROUTES, OR ROAD NAMES SIGN WITH 6" LETTER MINIMUM BLACK LETTERS ON ORANGE BACKGROUND.

5. REFER TO DISTRICT DETAIL TC-21 FOR TYPICAL SIGN LAYOUT AND SPACING



M1-1100 24"X24" USED FOR ILLINOIS ROUTES.

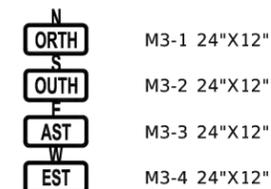
M1-4 24"X24" USED FOR U.S. ROUTES.

CUSTOM ROAD NAME SIGN WITH 5" MINIMUM UPPERCASE BLACK LETTERS ON ORANGE BACKGROUND.

OR

WHEN LOWER CASE LETTERS ARE USED, AS SHOWN, THEY SHALL BE 3/4 OF THE SIZE OF THE UPPER CASE LETTERS.

FOR FREEWAY/EXPRESSWAY USE - SEE NOTE 4.



CARDINAL DIRECTION SIGNS SHALL BE USED DIRECTLY ABOVE THE ROUTE MARKER.

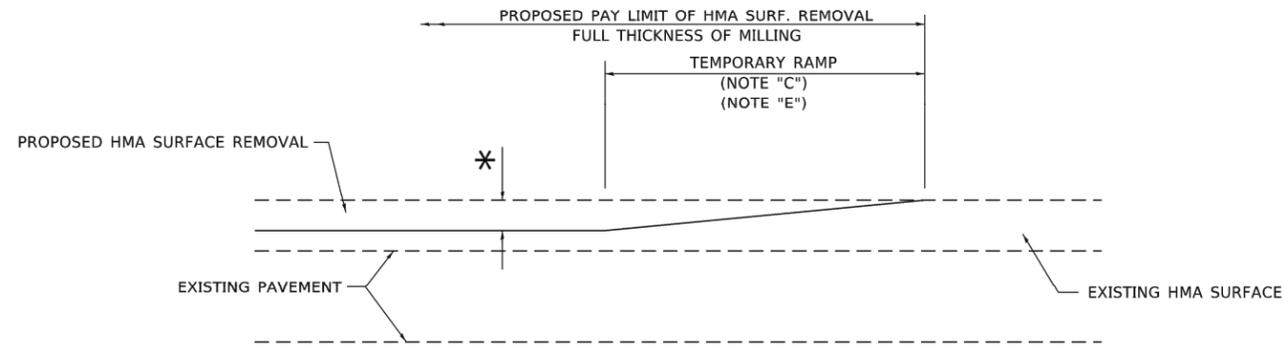
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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAILROAD CROSSING REPAIR  
DETOUR SIGNING

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

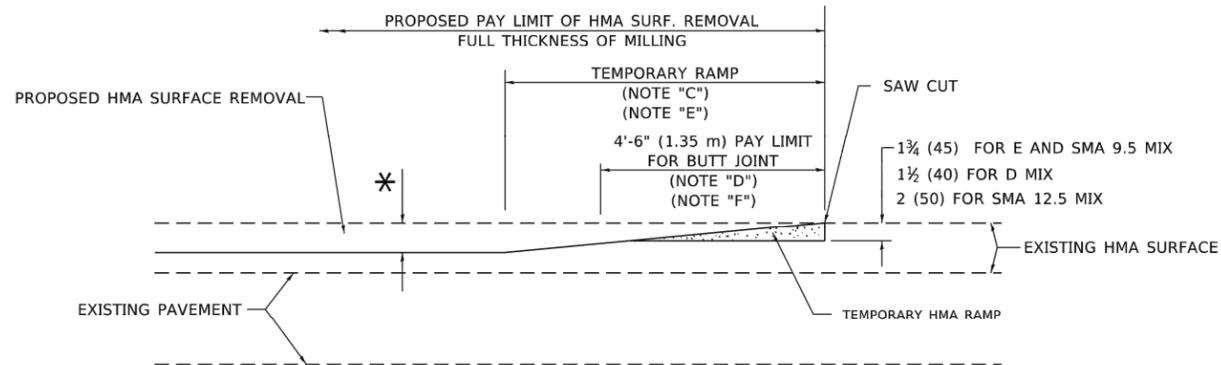
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	107	93
FIELD BOOK NO. TC-28		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

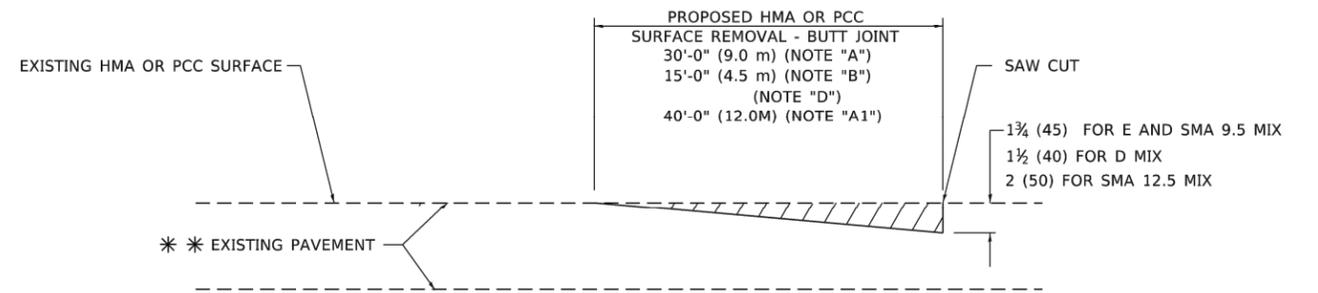


**HMA CONSTRUCTED TEMPORARY RAMP**

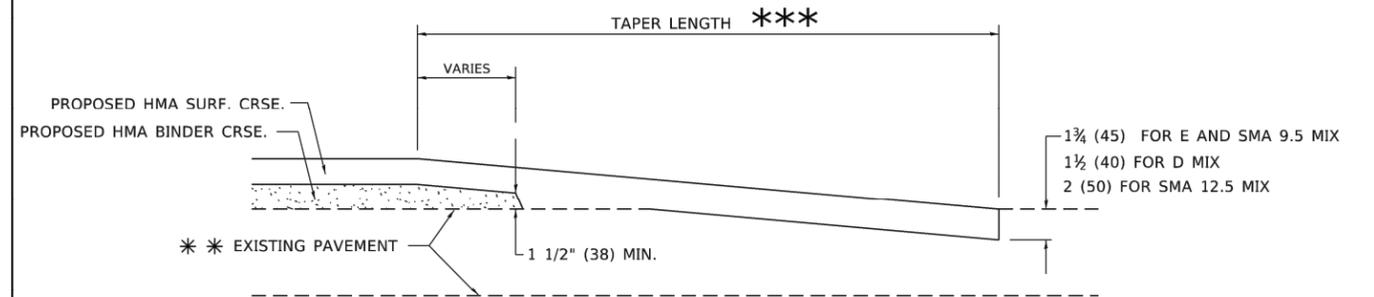
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**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.

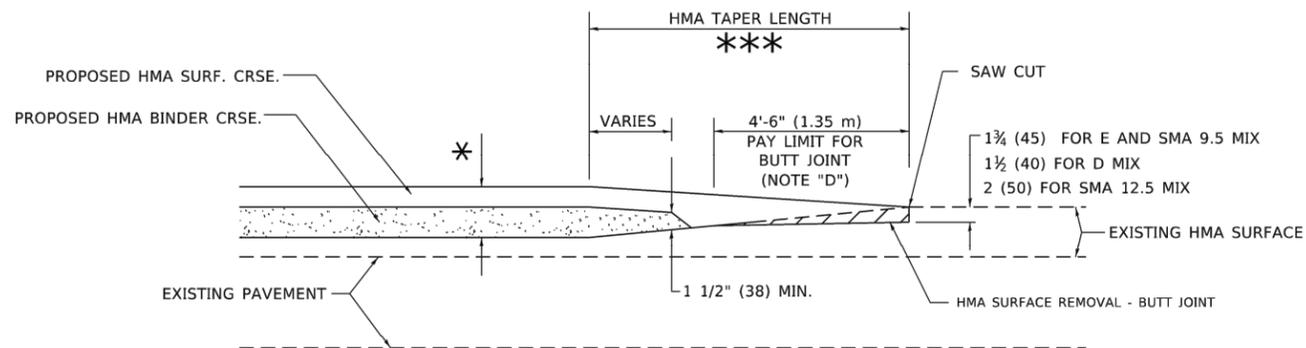
**GENERAL NOTES**

- 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**

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND HMA TAPER DETAILS**

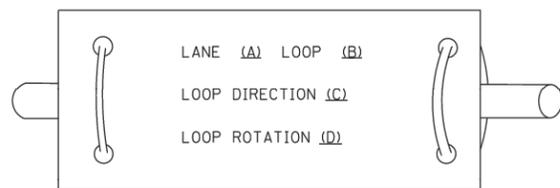
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FIELD BOOK NO. BD-32		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

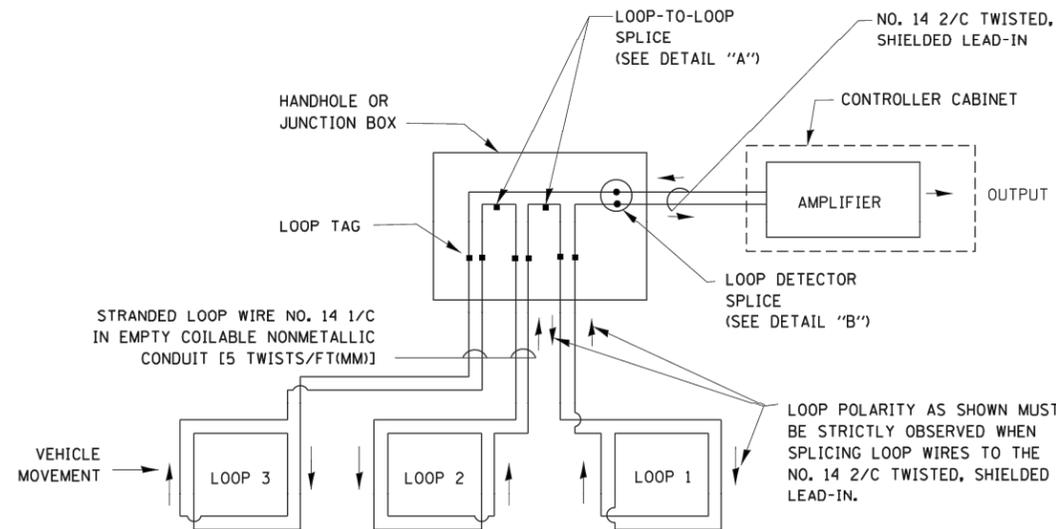
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

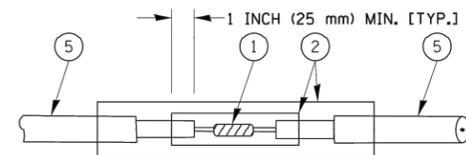


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

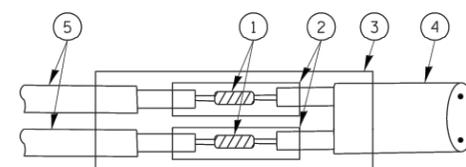


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

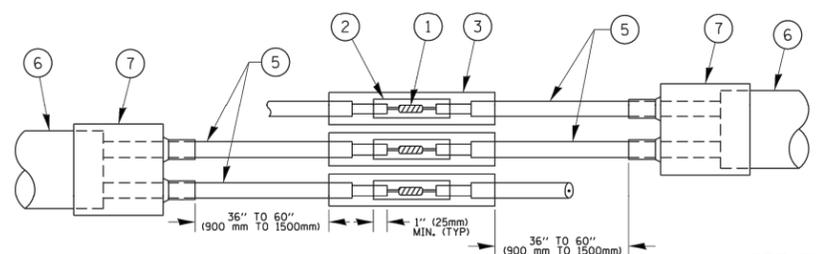


DETAIL "A"  
LOOP-TO-LOOP SPLICE

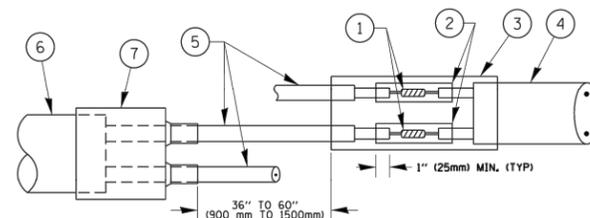


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PREFORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

Drawing file: W:\projects\_by\_village\brookfield\1252252 - burrington one phase in\District One Details.dwg Aug 07, 2023 - 11:26am

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		DRAWN - BCK	REVISED -
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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

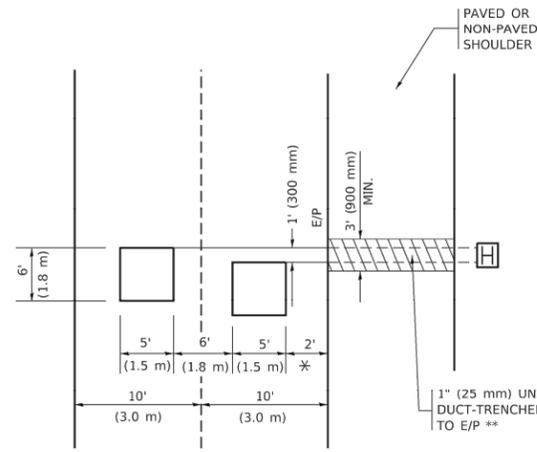
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FIELD BOOK NO. :TS-05		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

E.H.E. PROJECT NO. 125-22-25201

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

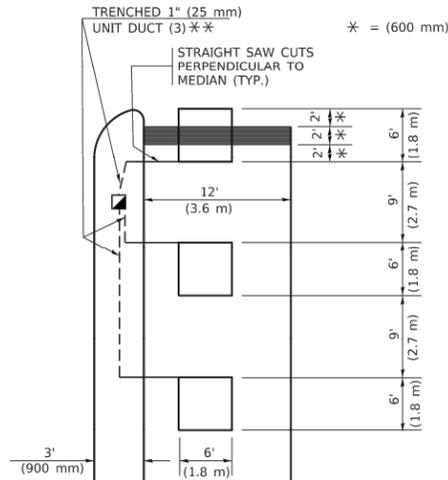


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

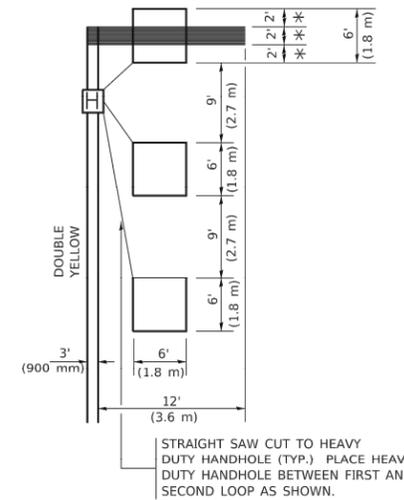


\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**

\* = (600 mm)



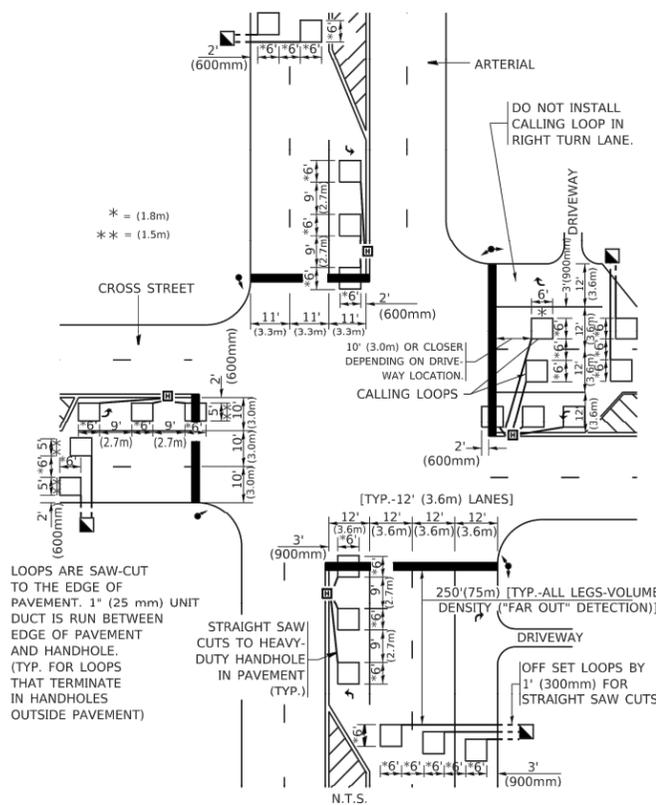
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

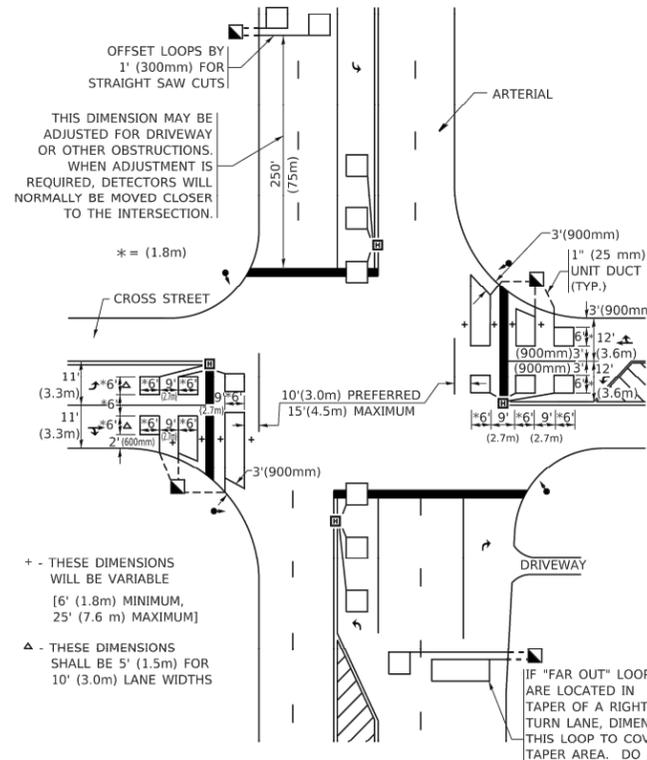
- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1**  
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2**  
N.T.S.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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	DRAWN -	REVISED -
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PLOT DATE = 3/4/2019	DATE -	REVISED -

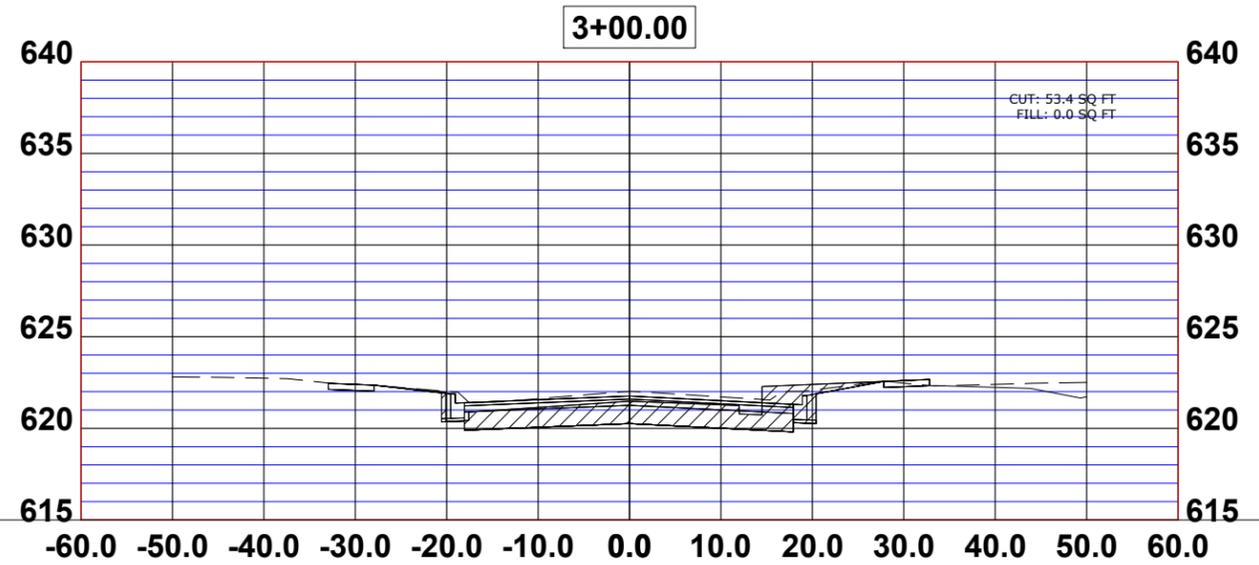
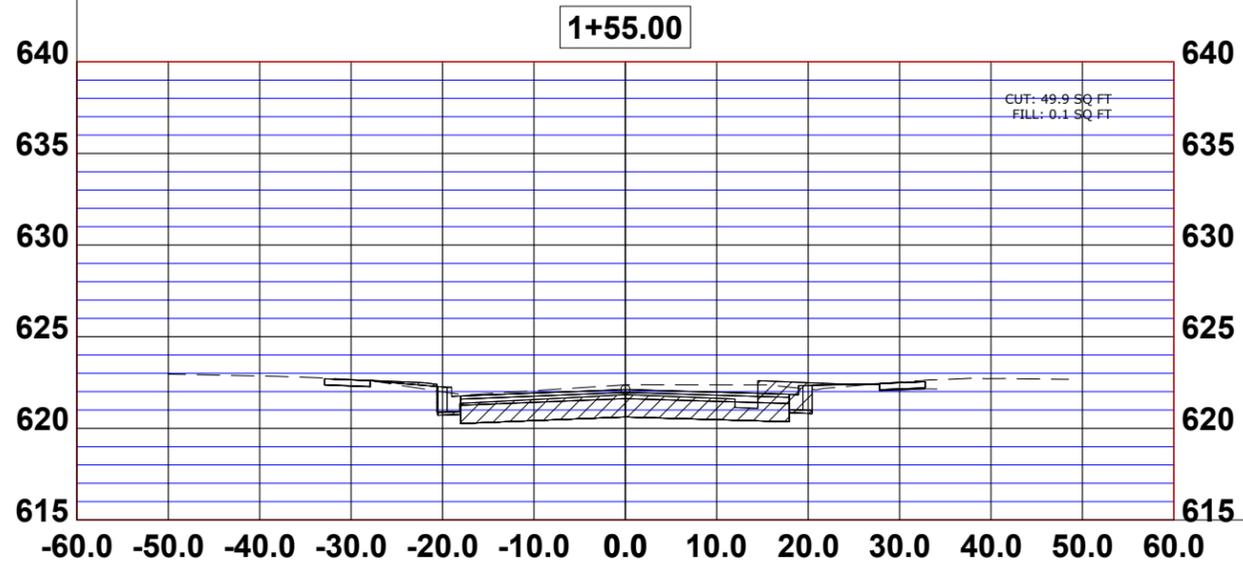
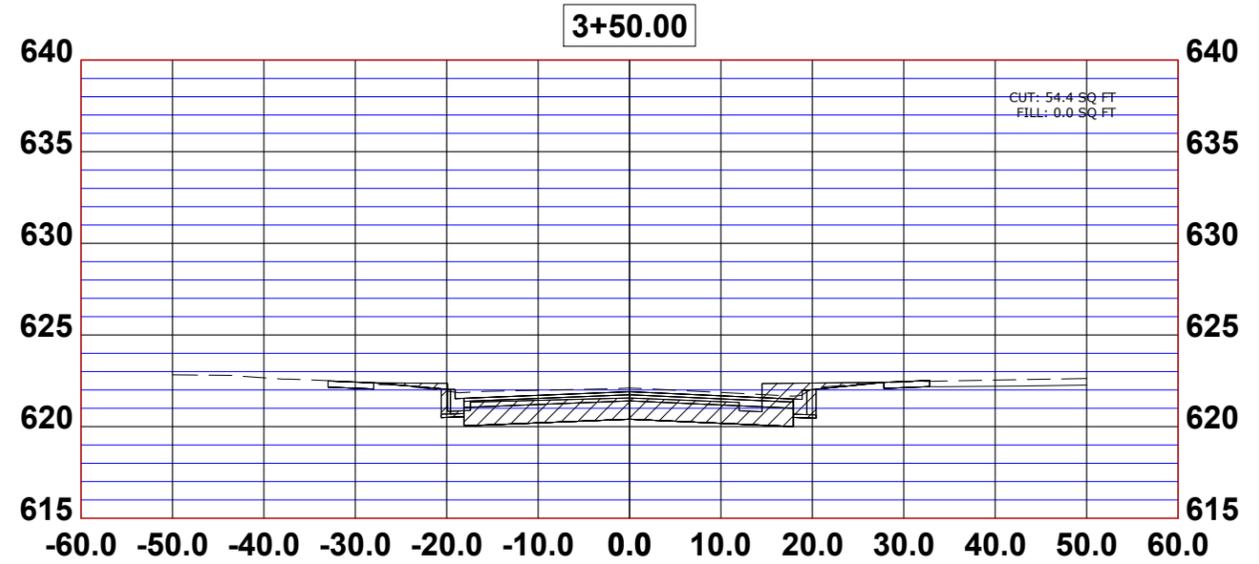
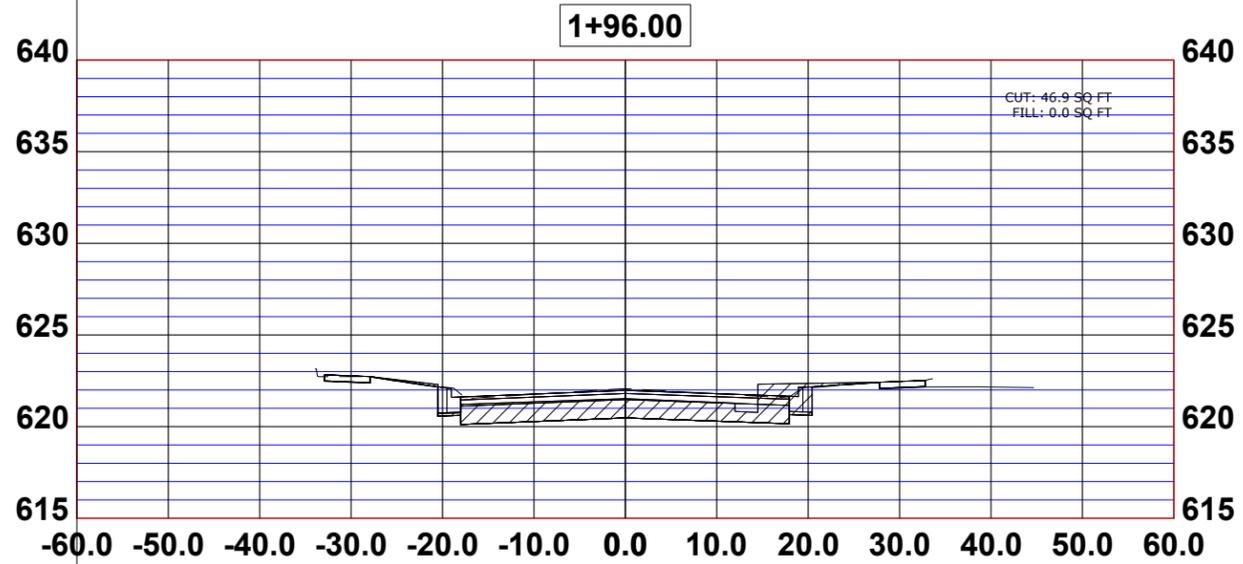
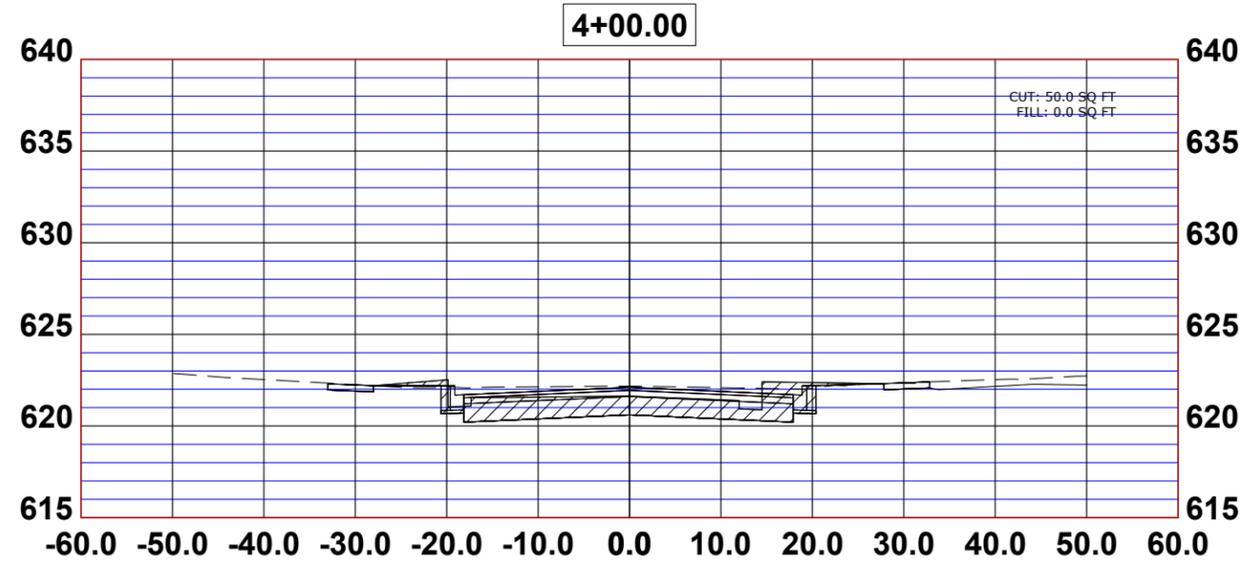
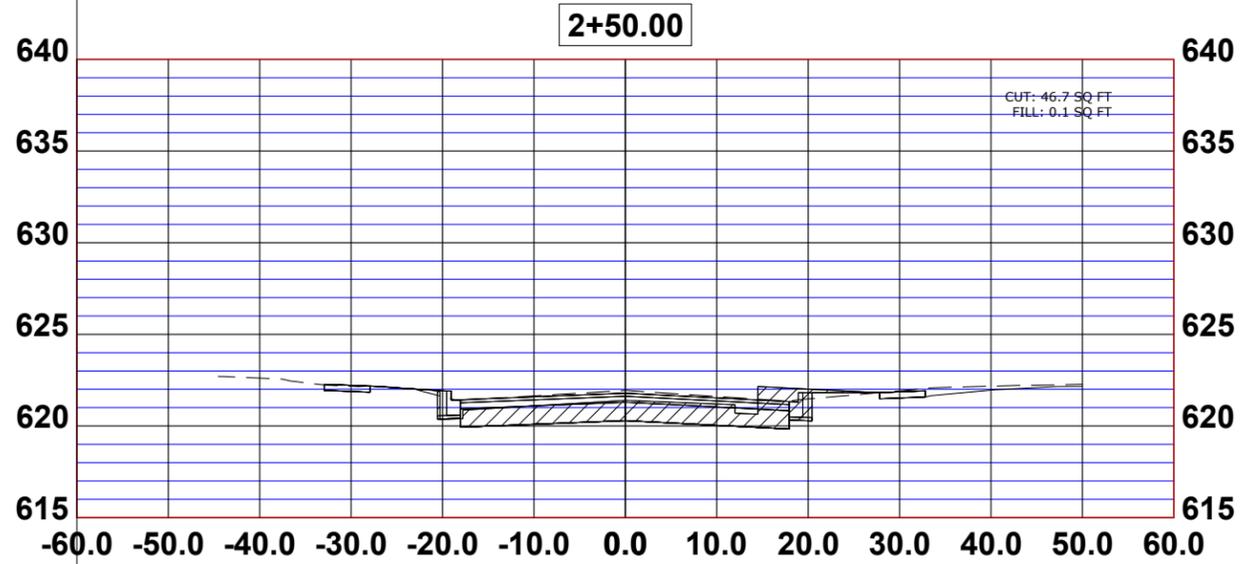
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	96
FIELD BOOK NO. :TS-07		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

Drawing file: W:\projects\_by\_village\brookfield\2522252 - Burlington ave phase II\CROSS SECTIONS.dwg Aug 07, 2023 - 11:26am



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

DESIGNED - X  
 DRAWN - ECW, SFB, DMM, GD  
 CHECKED - XXX  
 DATE - 8-7-23

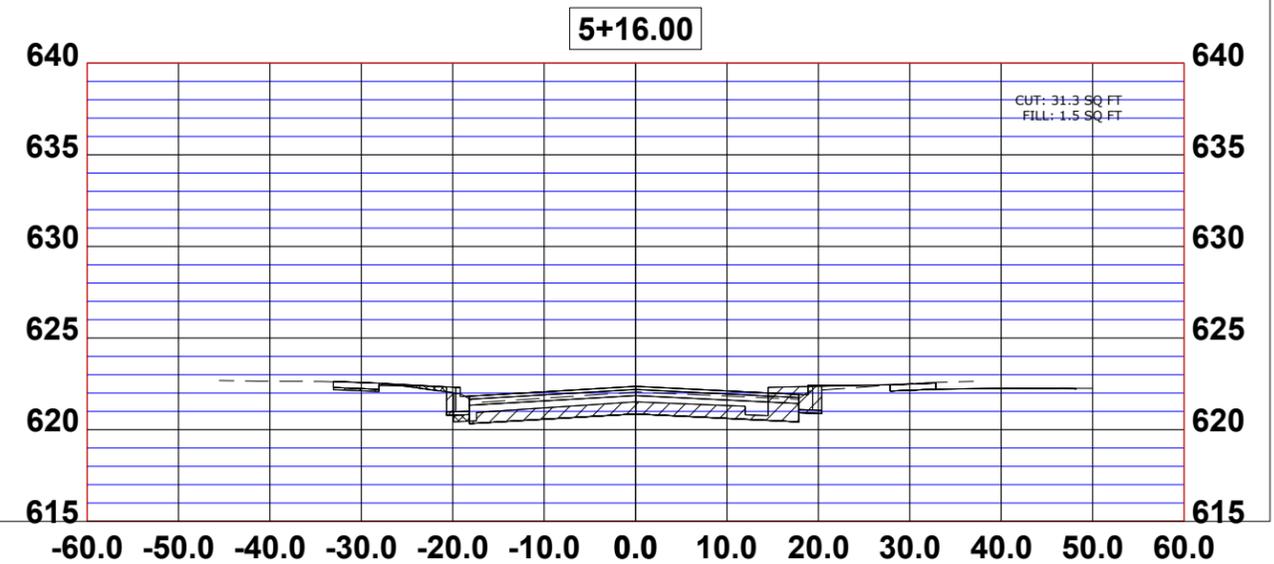
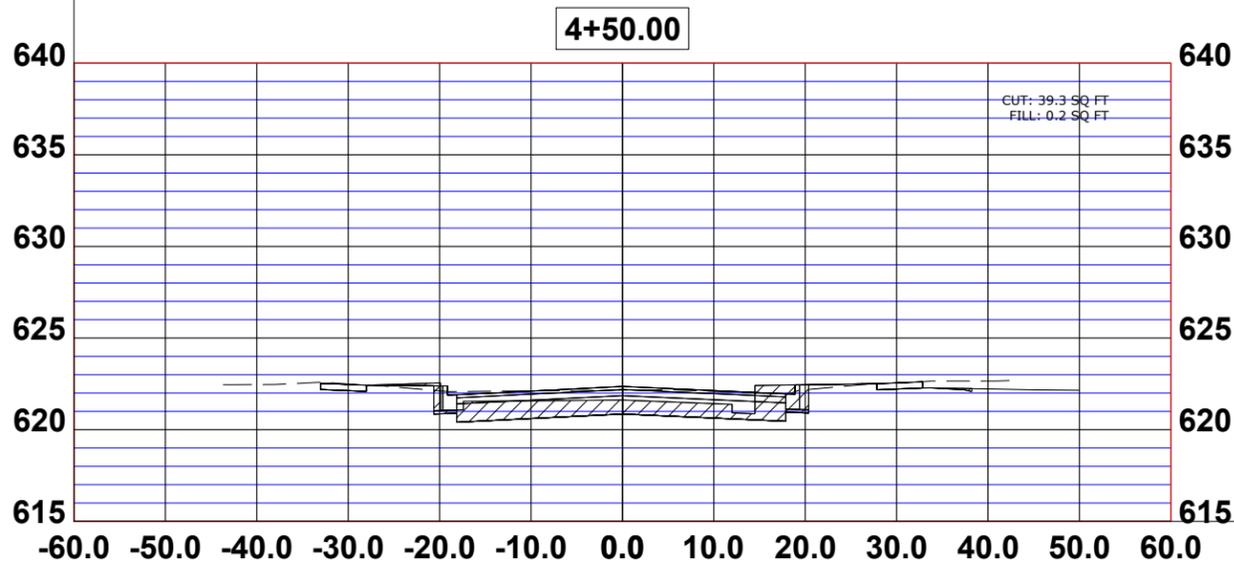
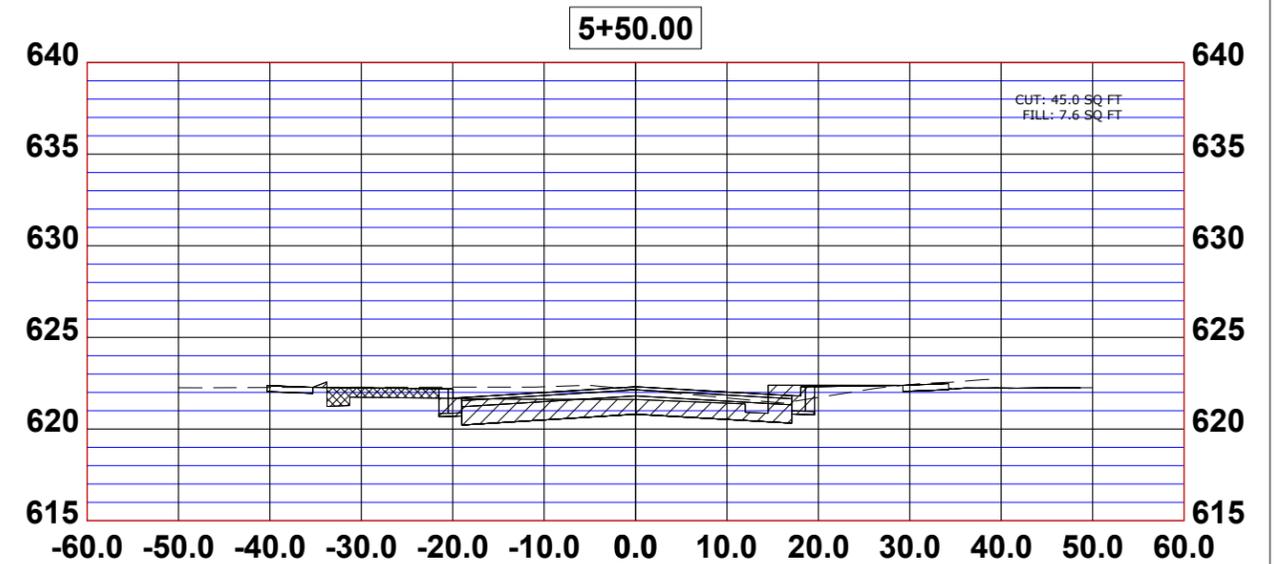
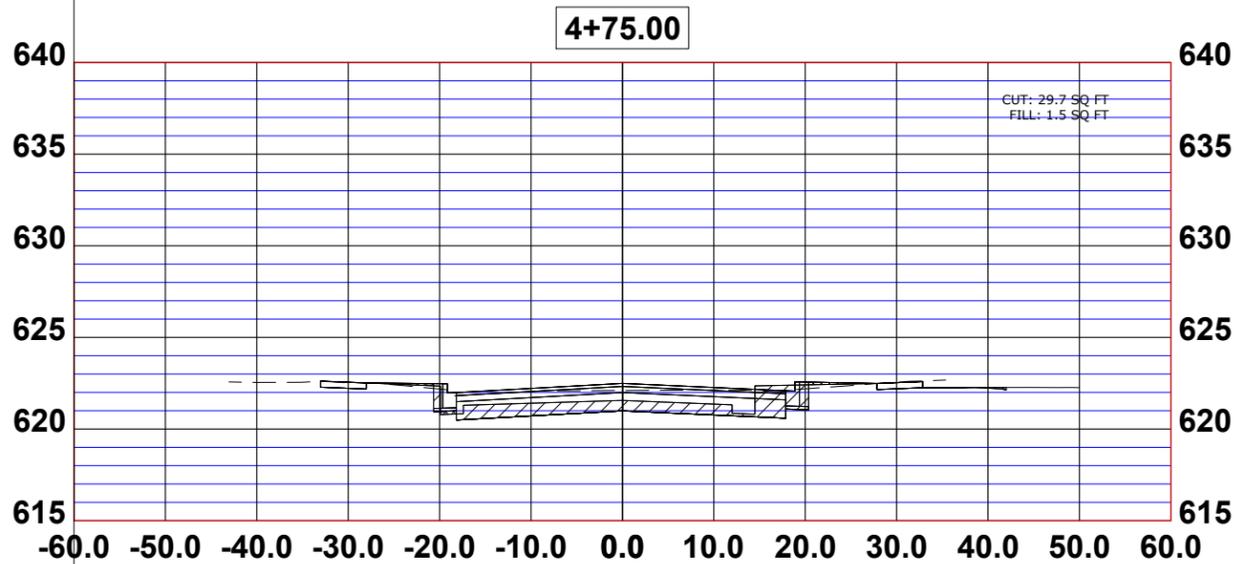
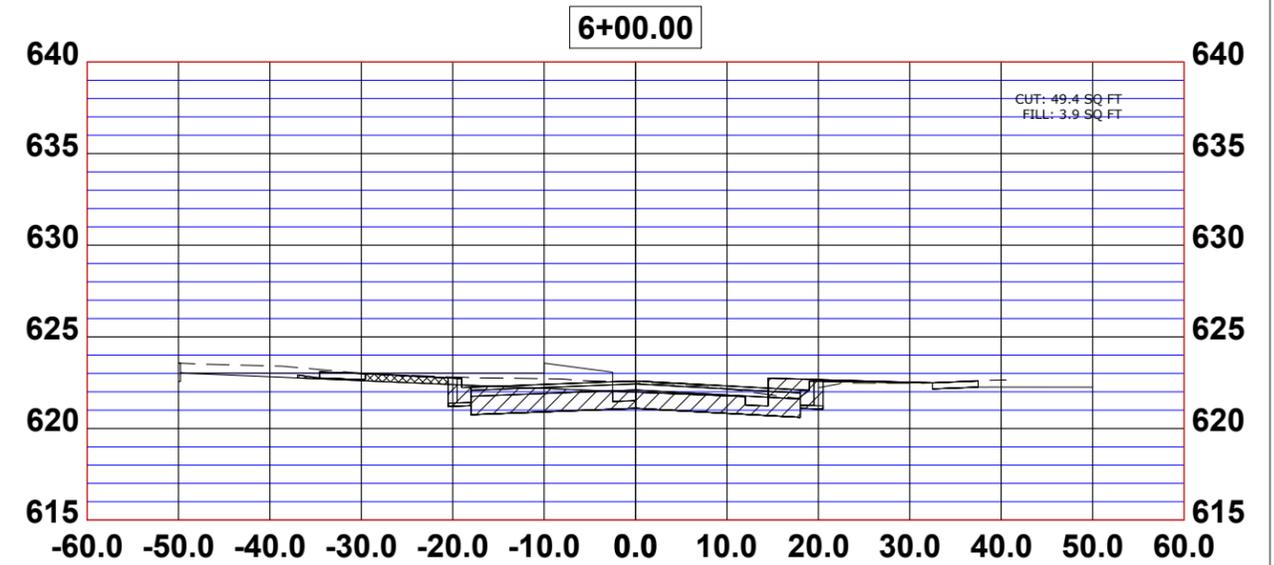
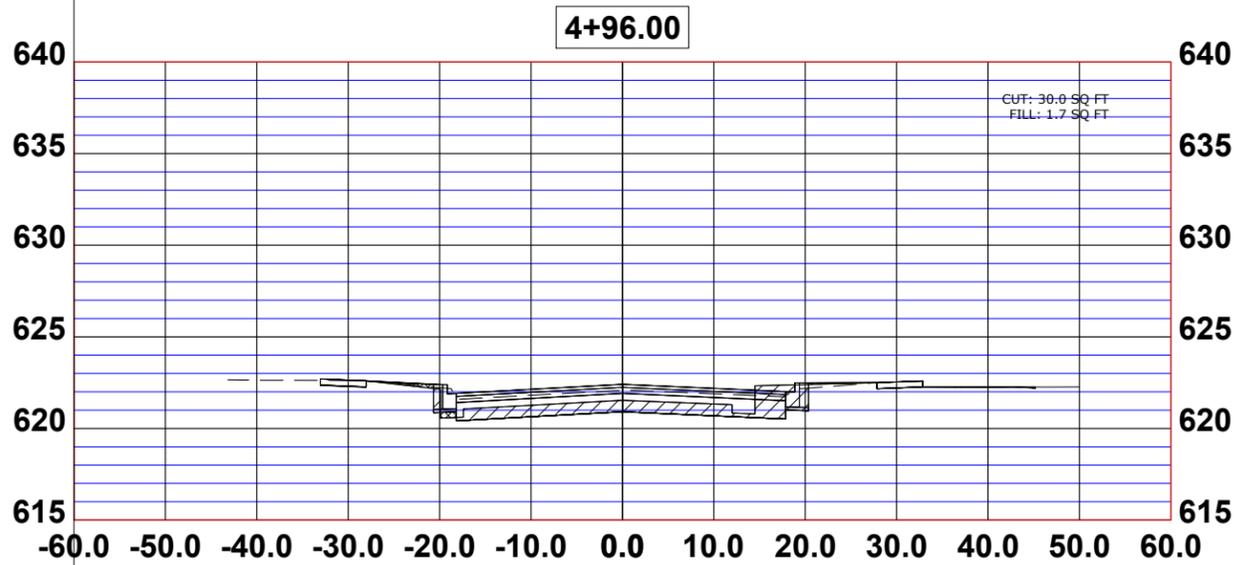
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DUBOIS CROSS SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	97
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



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 CHECKED - XXX  
 DATE - 8-7-23

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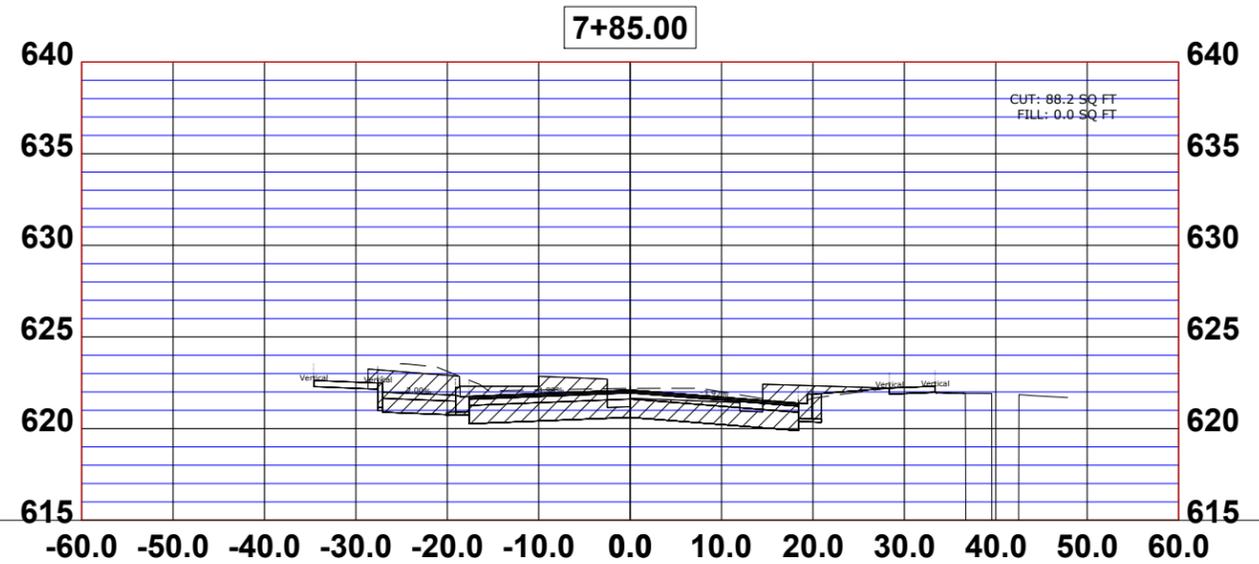
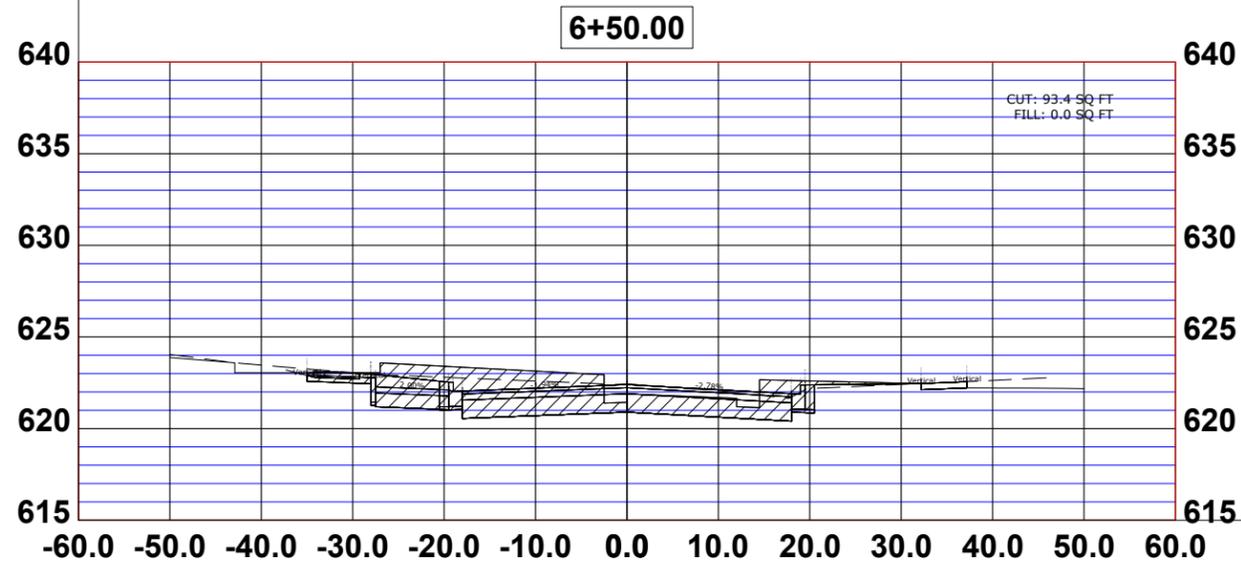
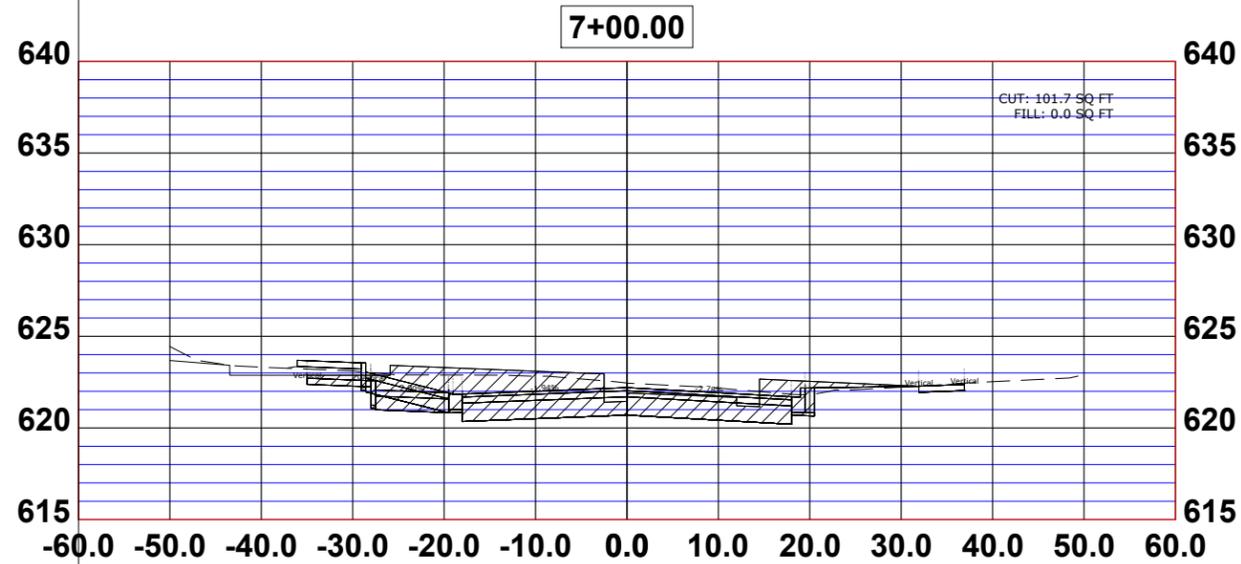
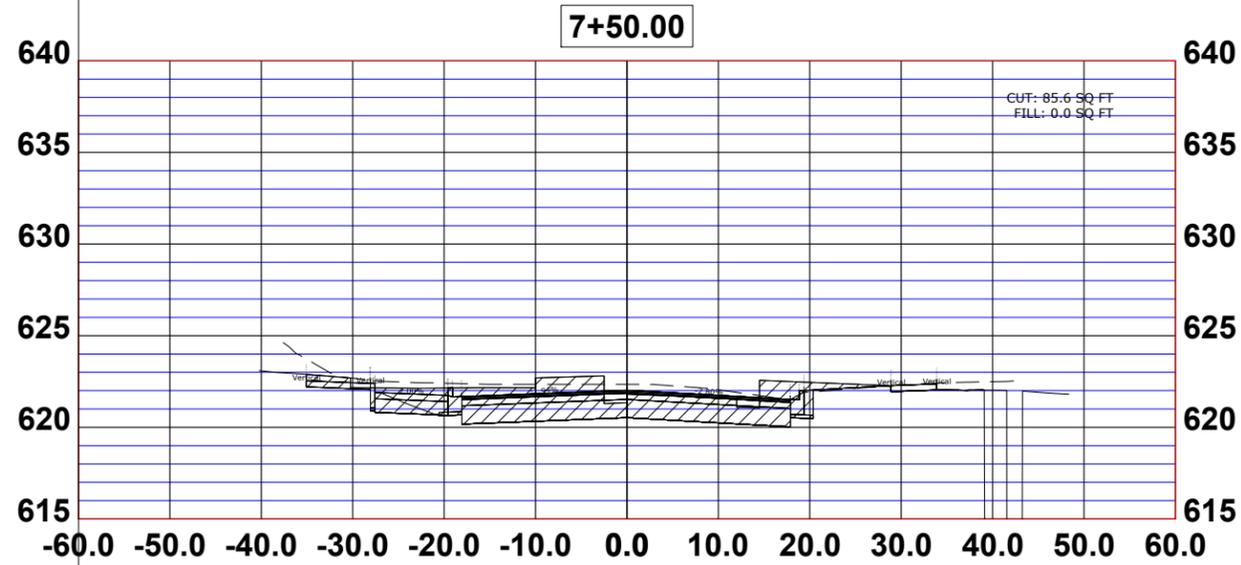
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DUBOIS CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5'    SHEET NO. 2 OF 11 SHEETS    STA.    TO STA.

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FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DESIGNED - X  
 DRAWN - ECW, SFB, DMM, GD  
 CHECKED - XXX  
 DATE - 8-7-23

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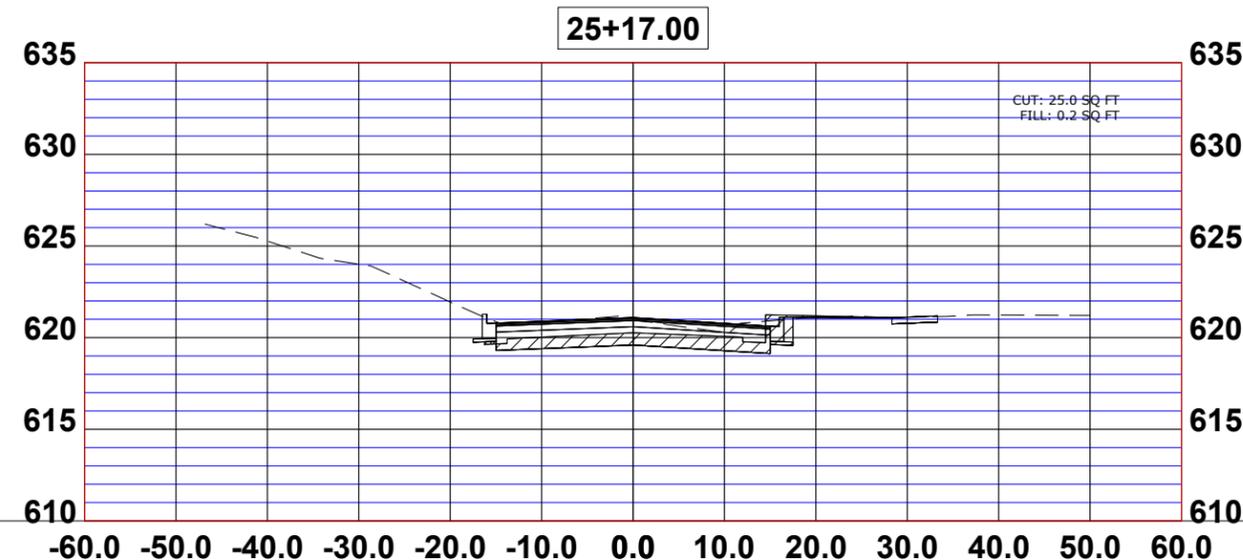
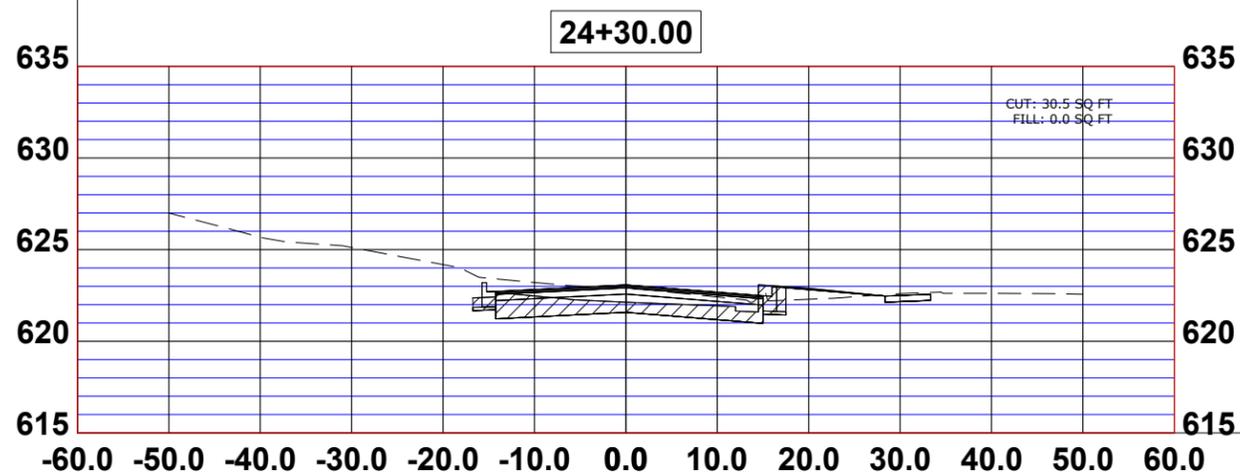
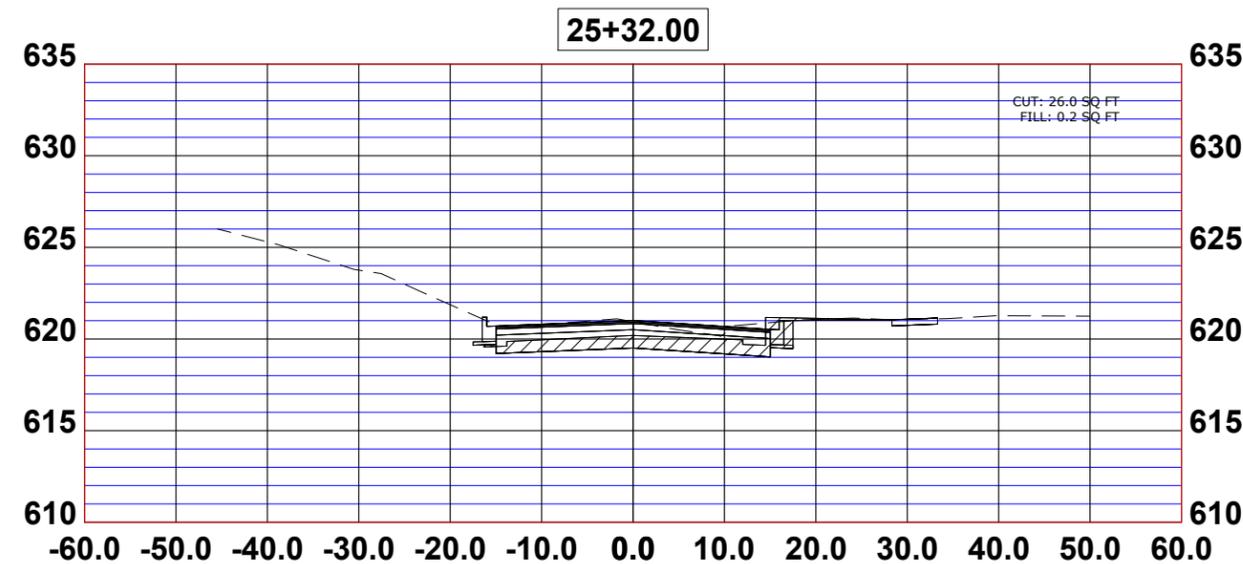
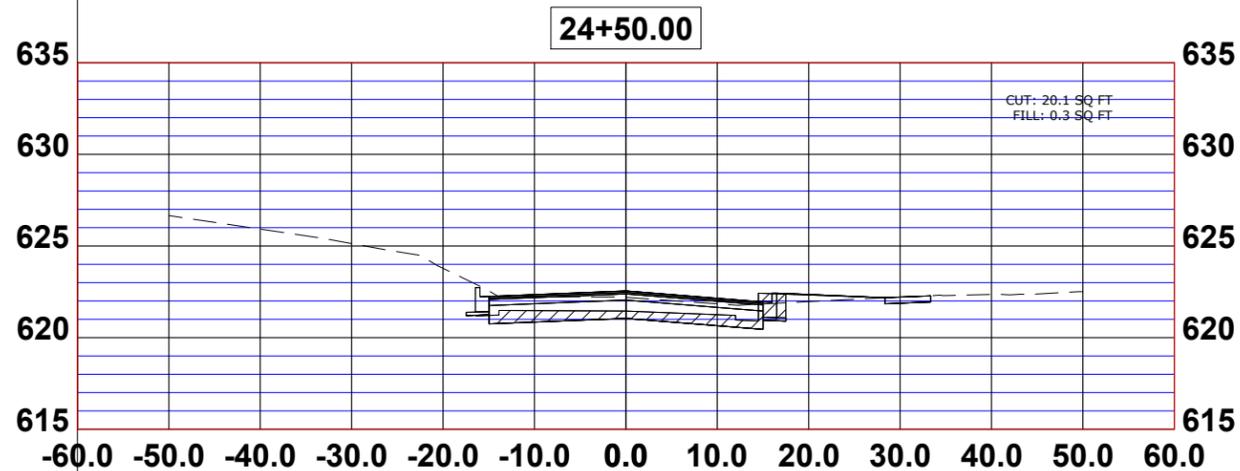
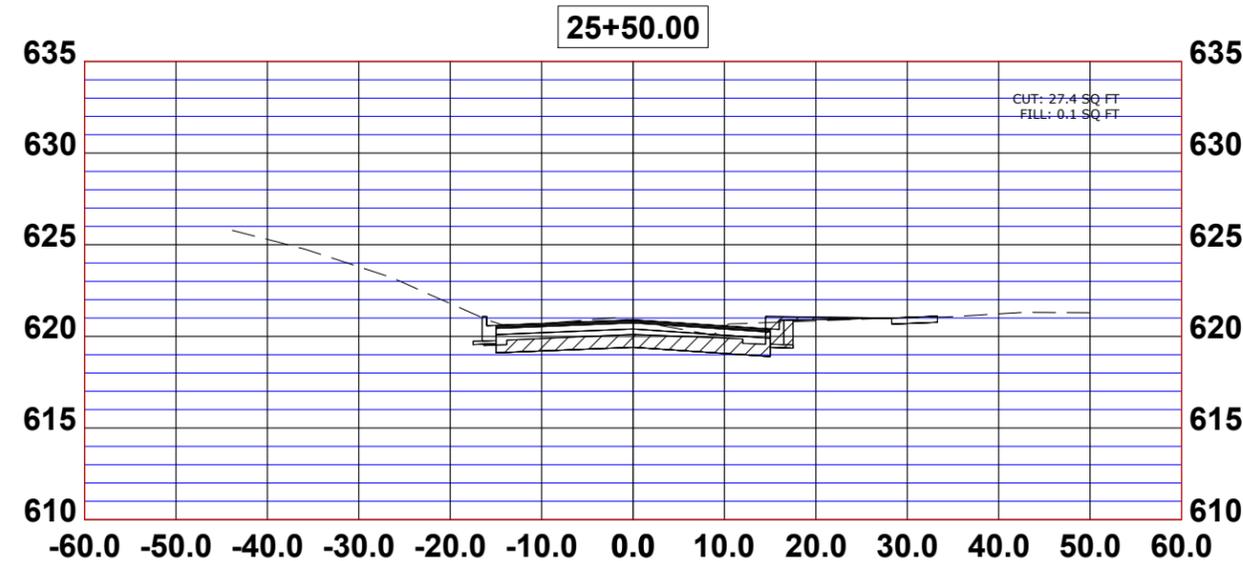
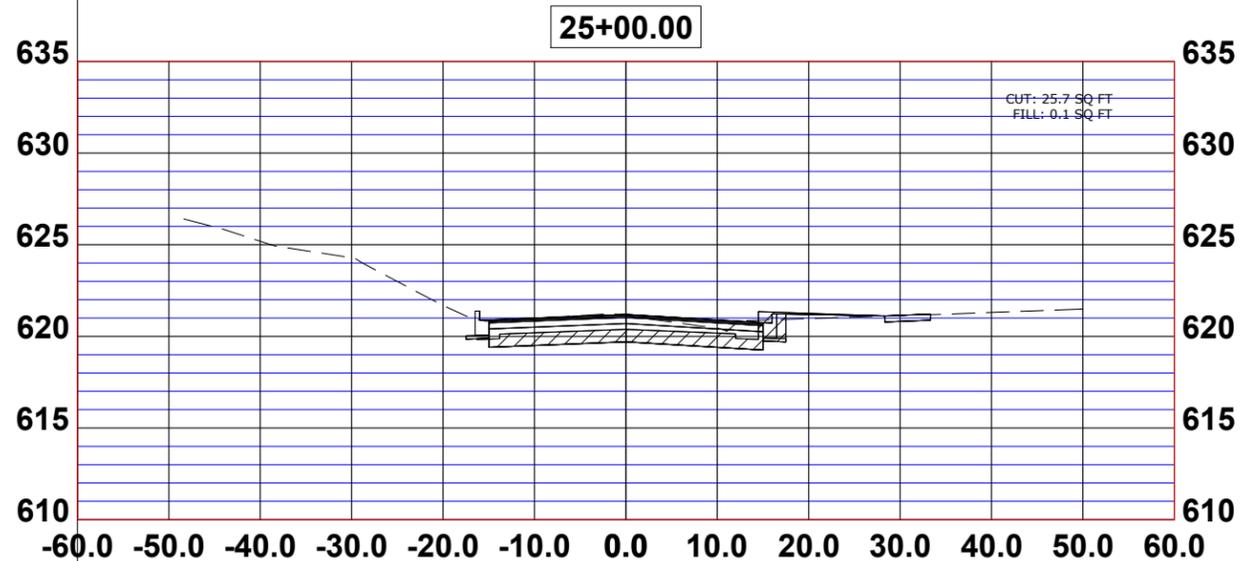
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DEPARTMENT OF TRANSPORTATION**

**DUBOIS CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5' SHEET NO. 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	99
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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 ♦ Municipal Consultants  
 ♦ Established 1911

9933 Roosevelt Road  
 Westchester, IL 60154-2780  
 Phone: 708-865-0300  
 www.ehancock.com

DESIGNED - X  
 DRAWN - ECW, SFB, DMM, GD  
 CHECKED - XXX  
 DATE - 8-7-23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

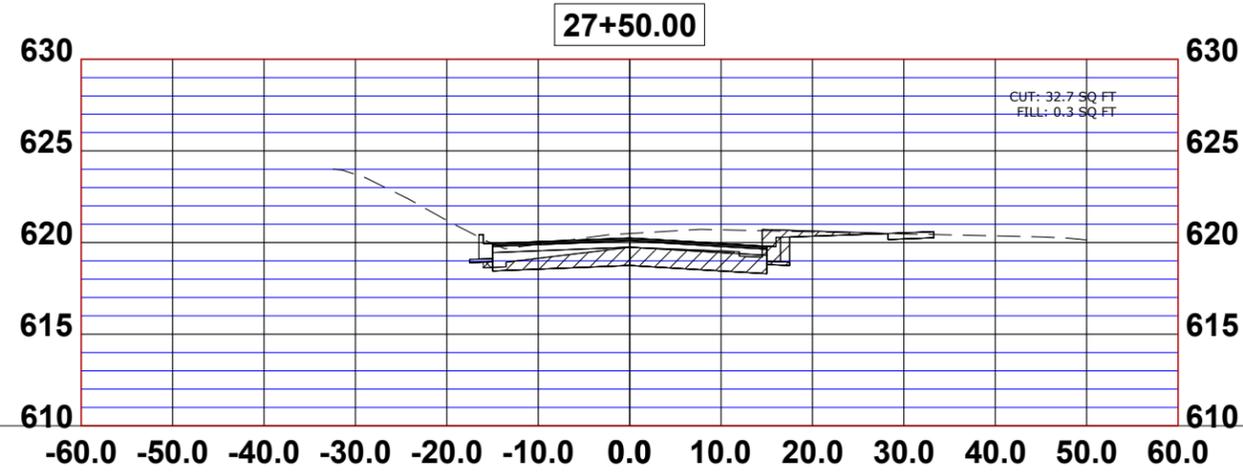
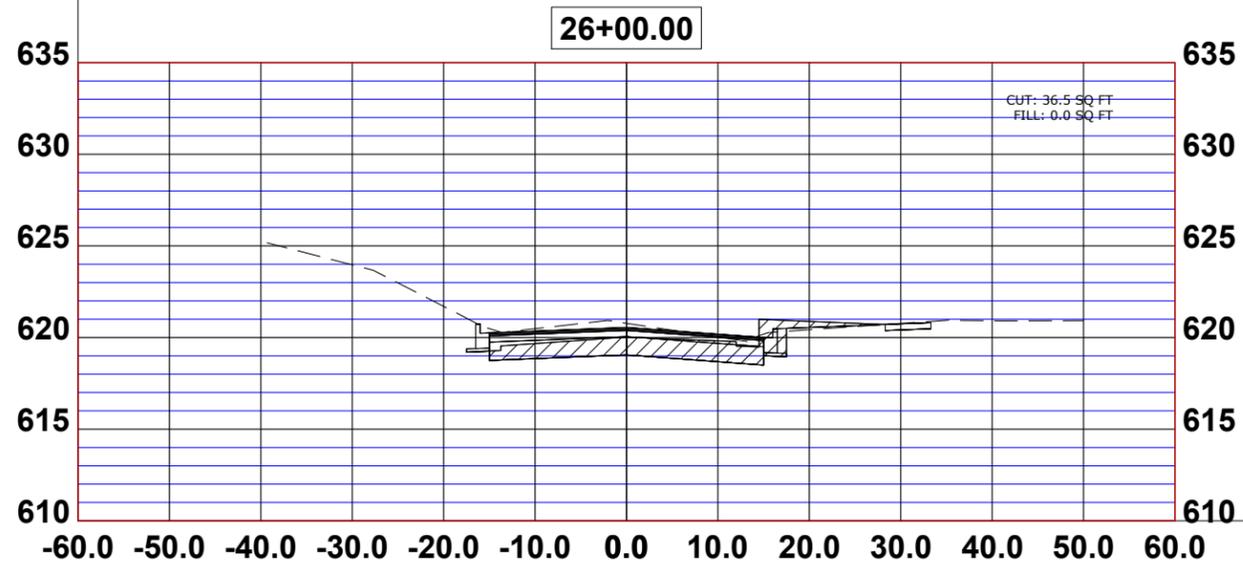
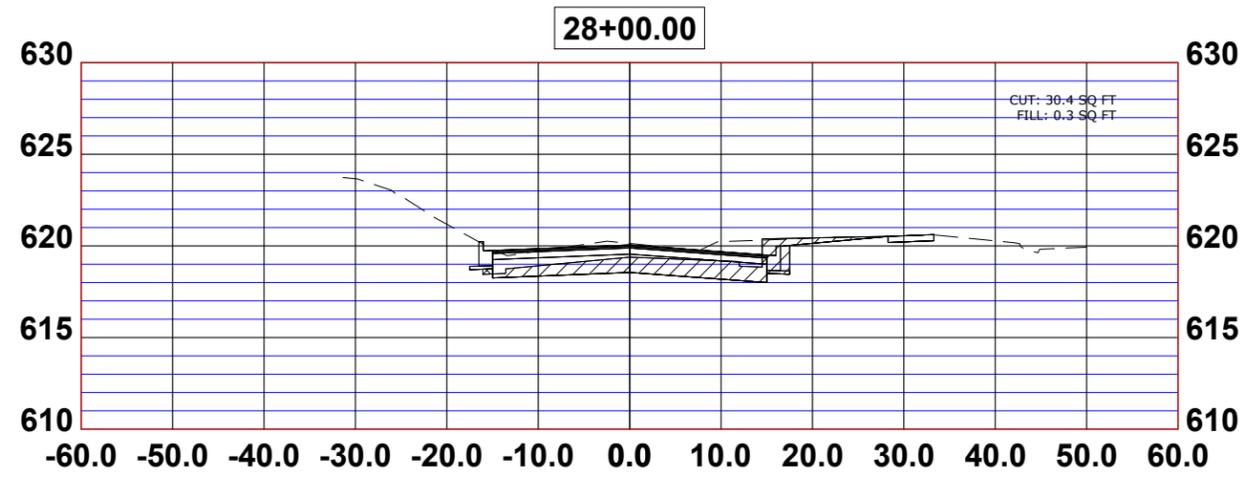
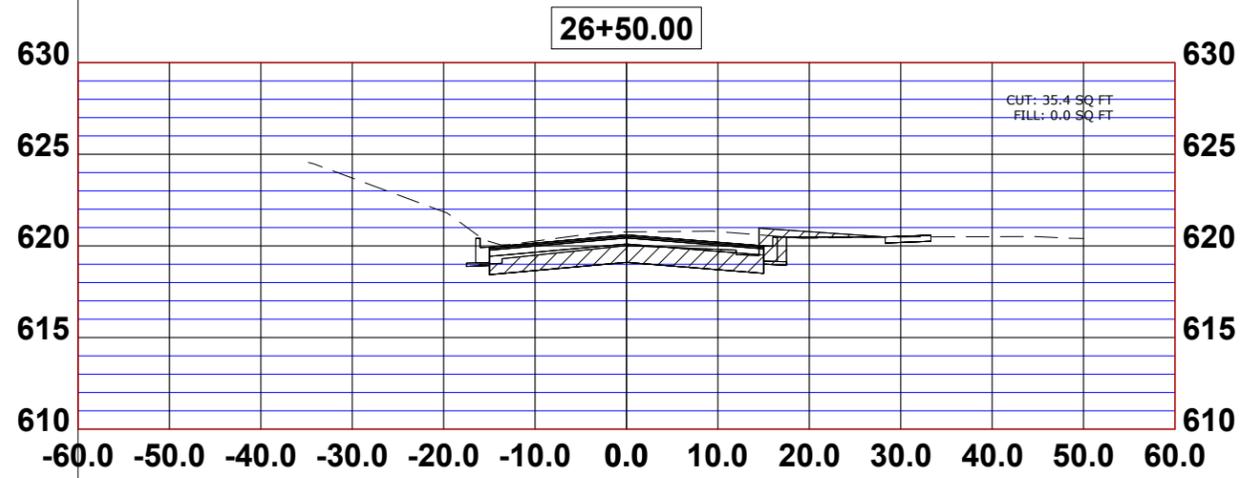
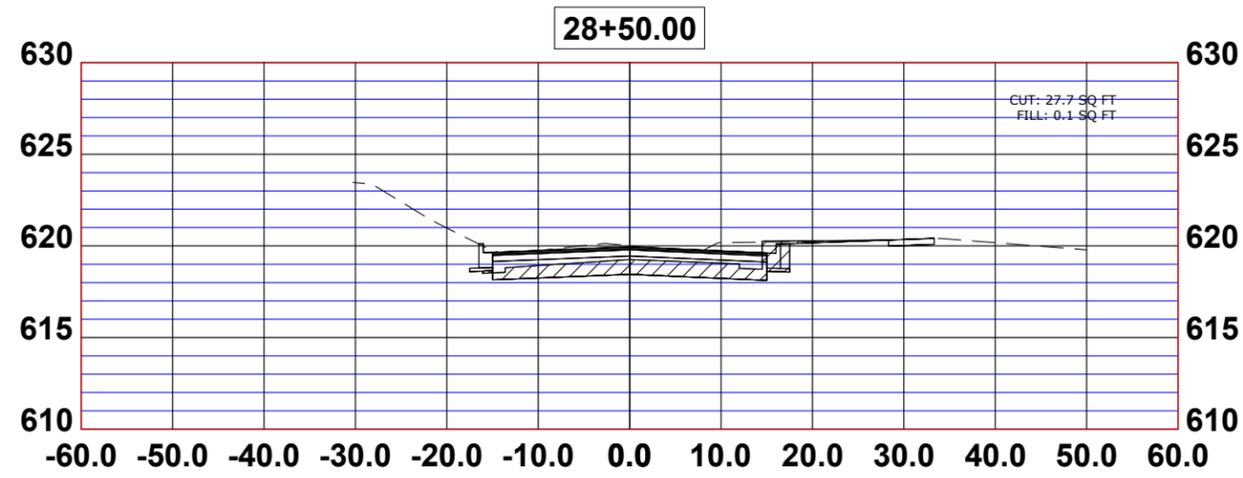
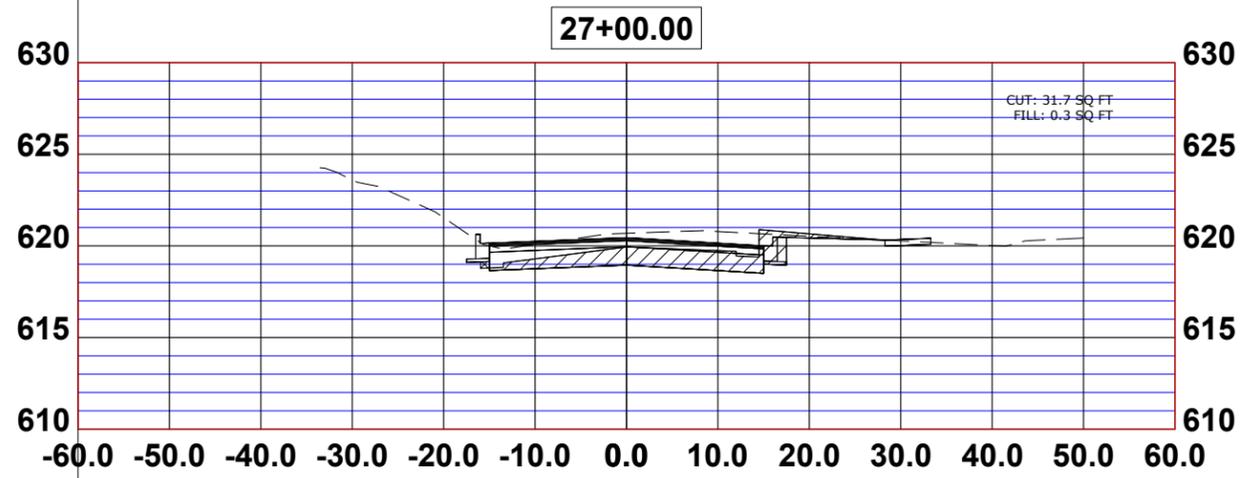
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5' SHEET NO. 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	100
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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 DATE - 8-7-23

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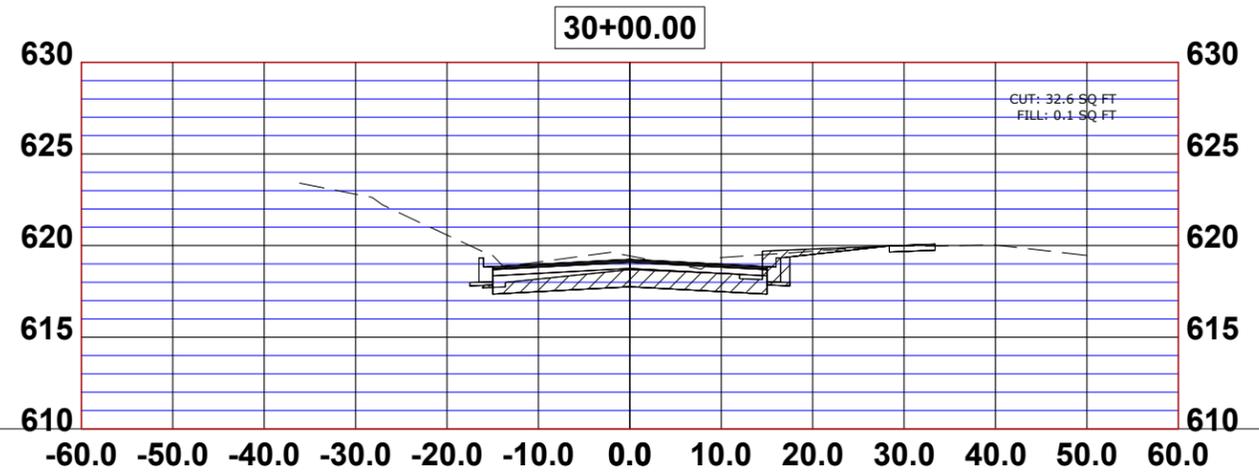
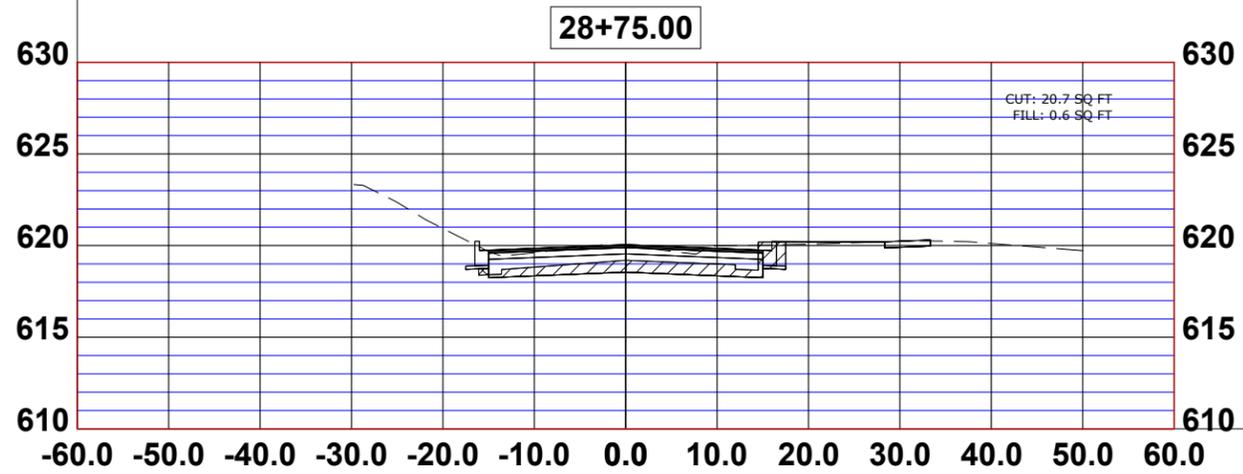
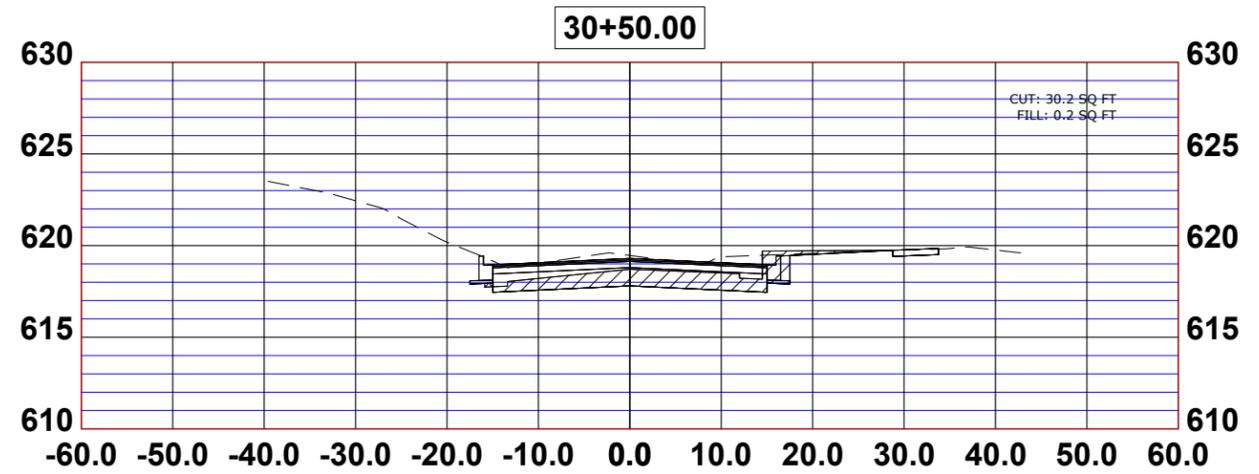
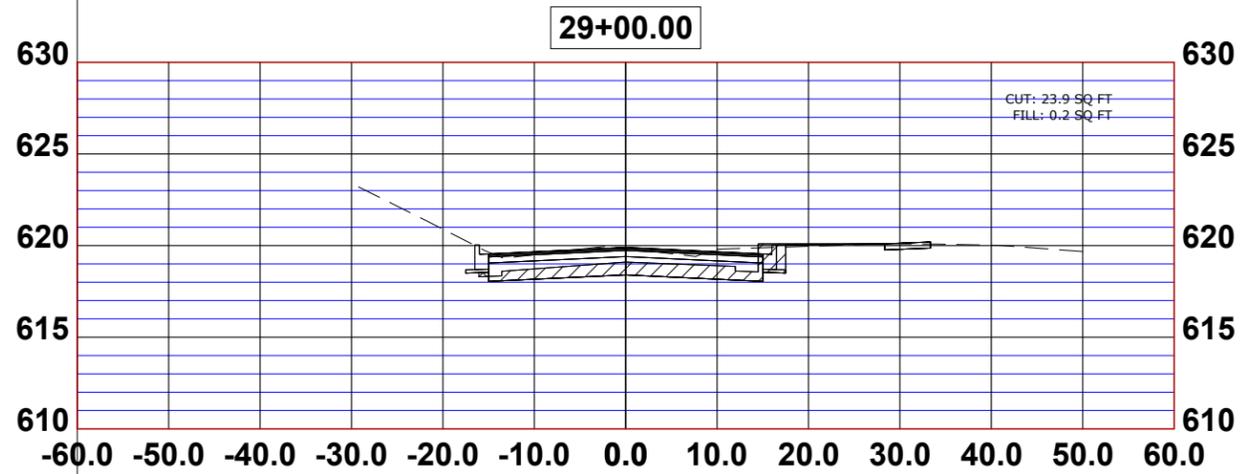
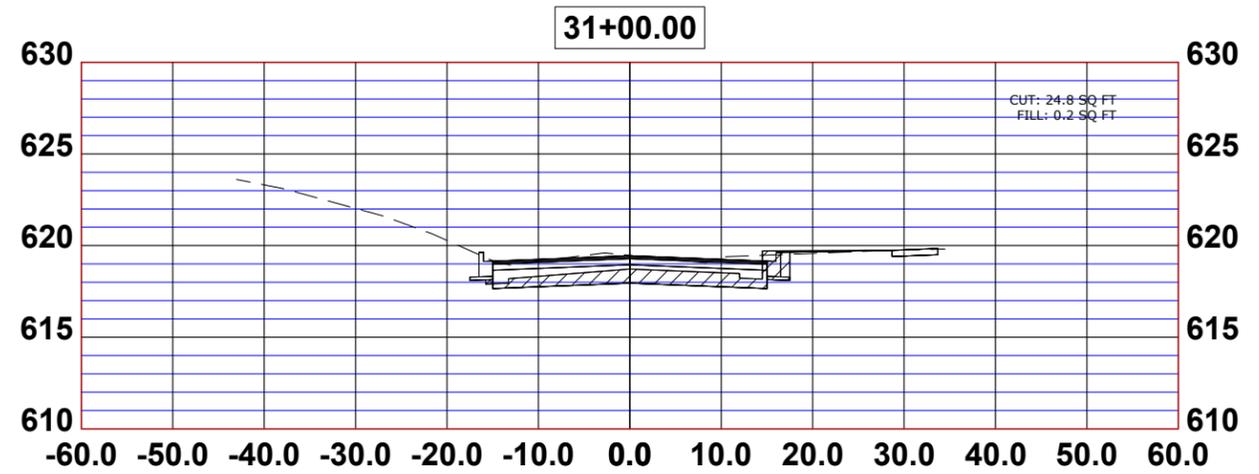
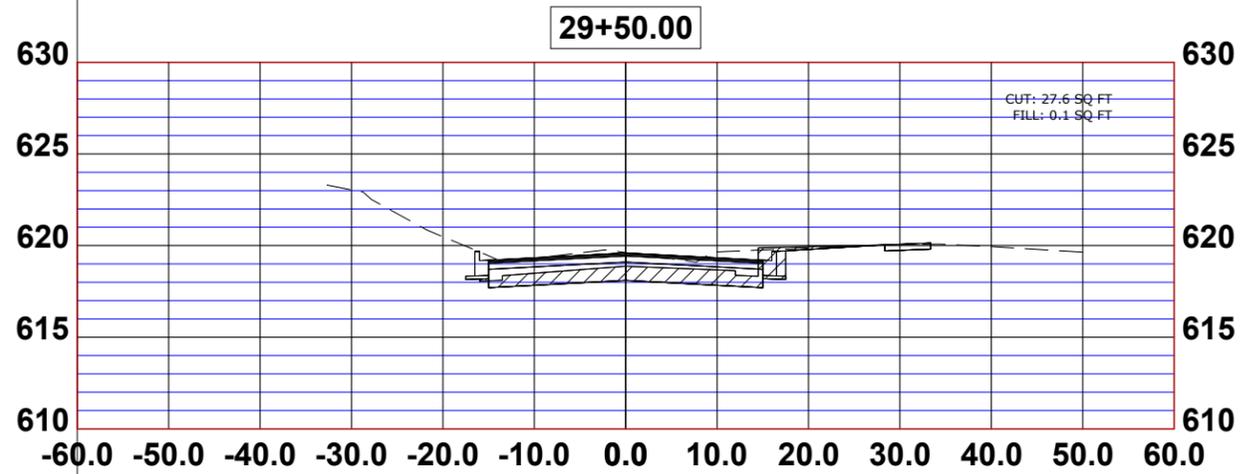
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	101
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

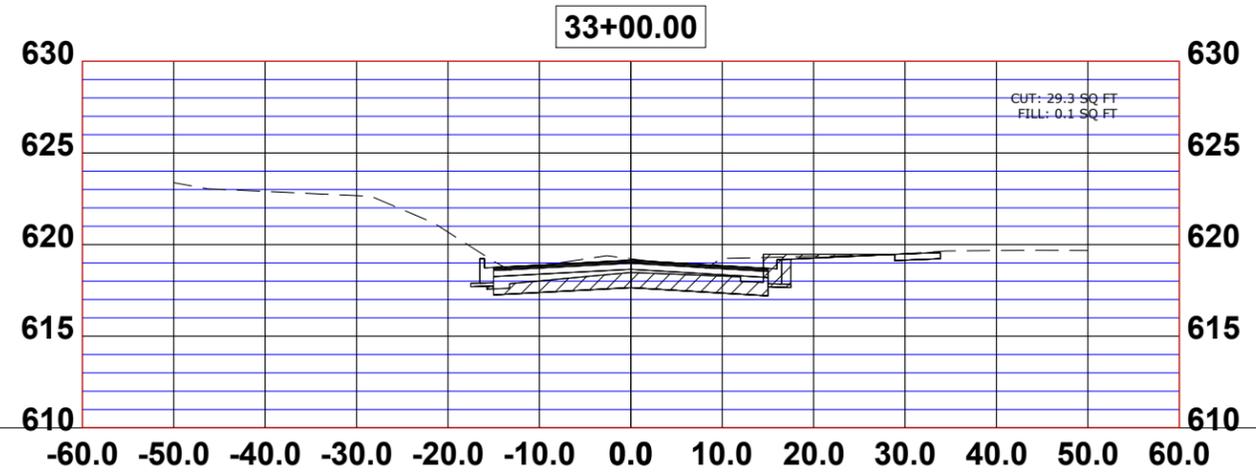
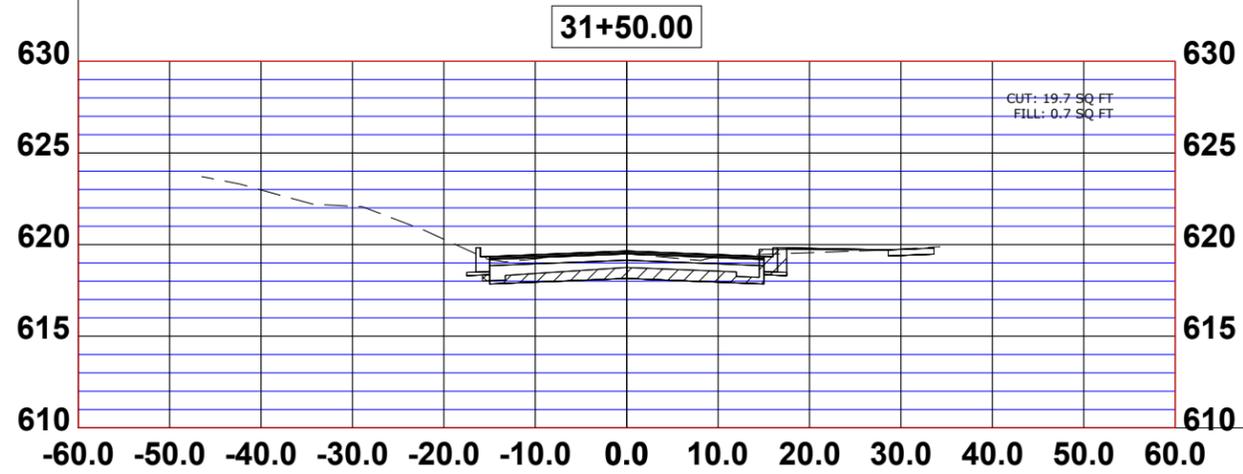
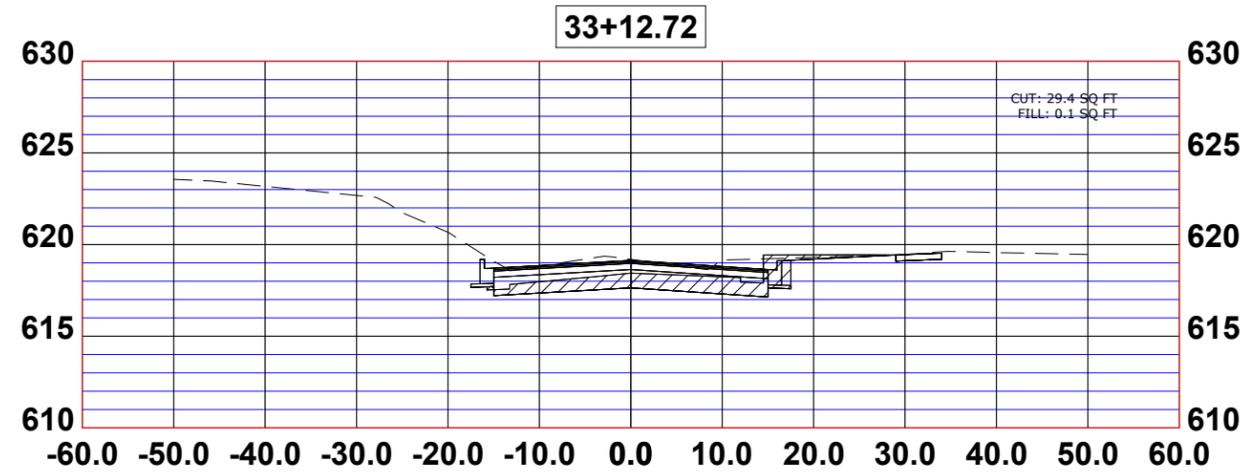
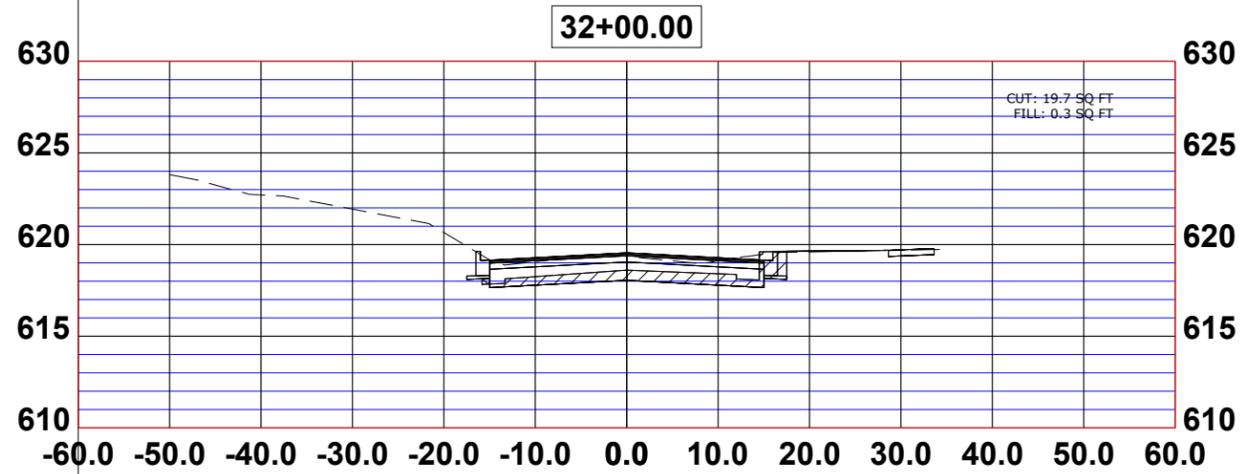
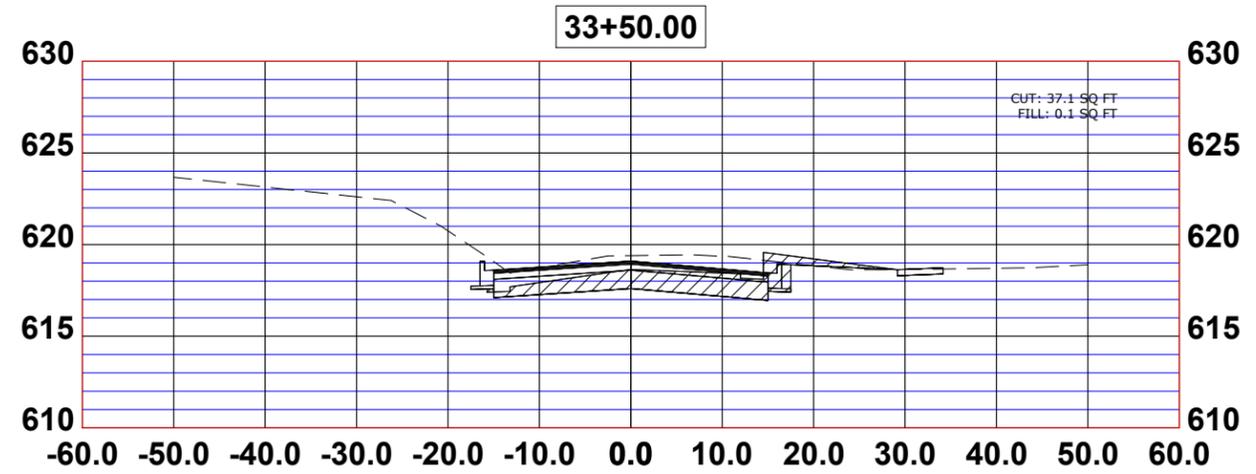
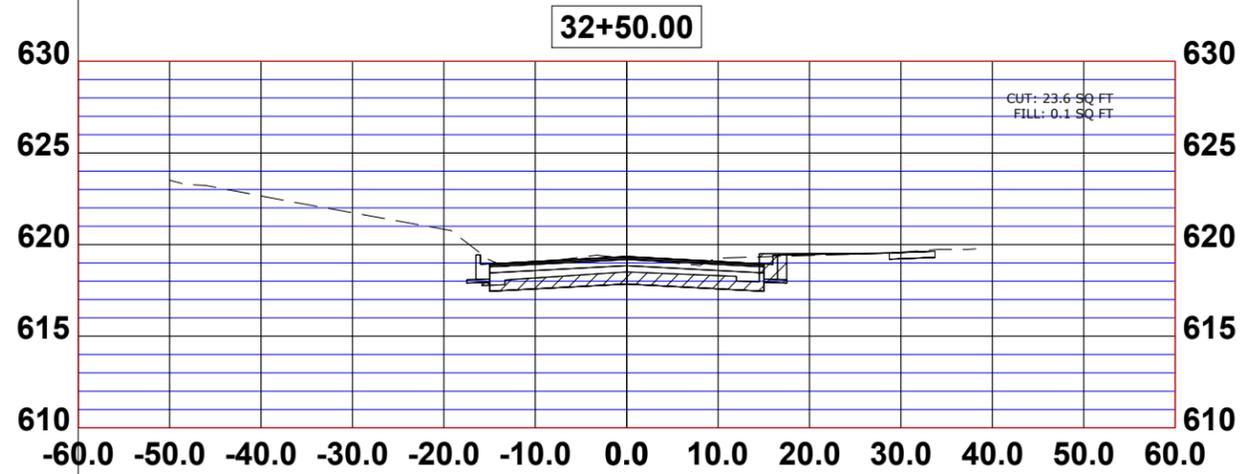
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5'    SHEET NO. 6 OF 11 SHEETS    STA.                      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	102
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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 CHECKED - XXX  
 DATE - 8-7-23

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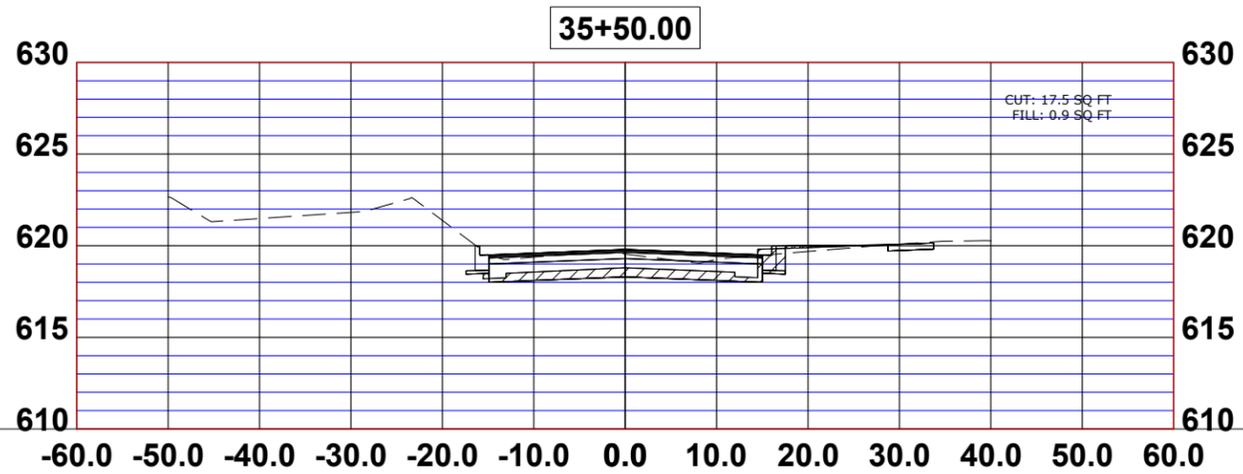
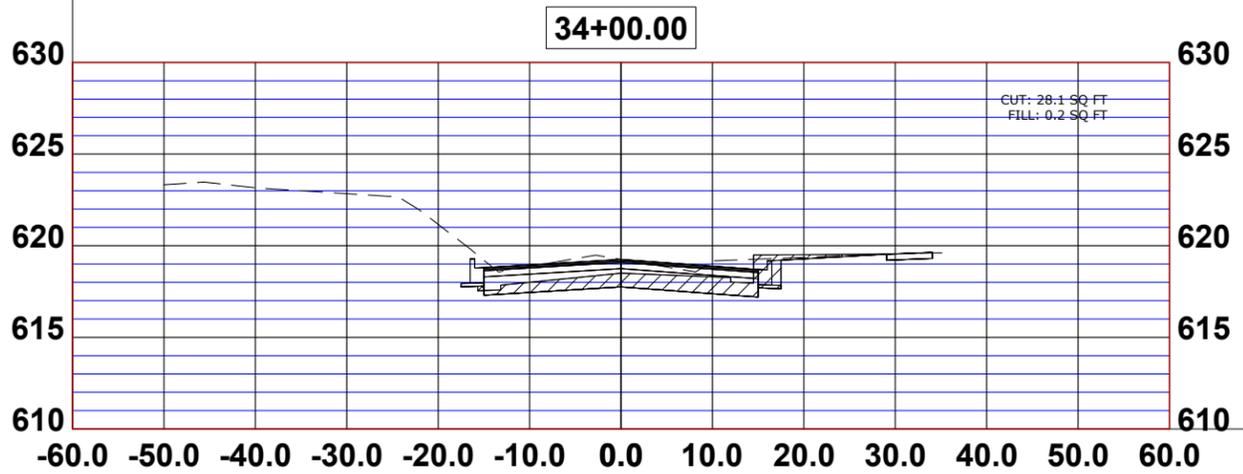
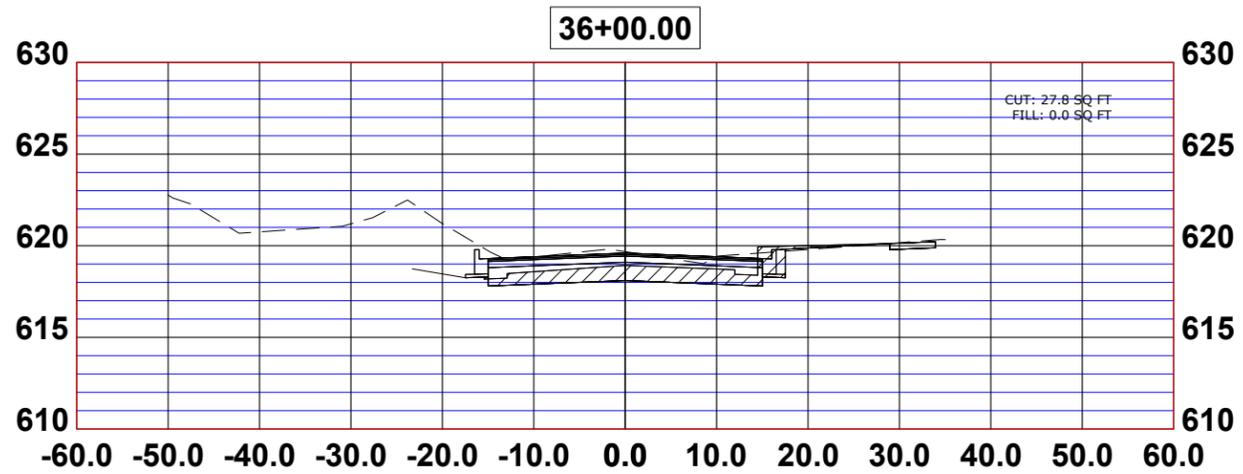
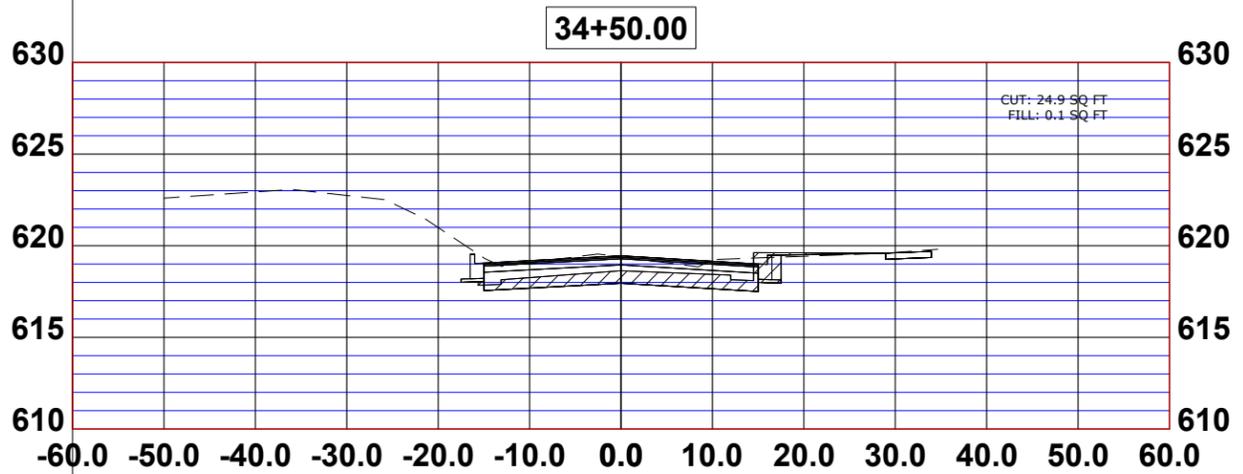
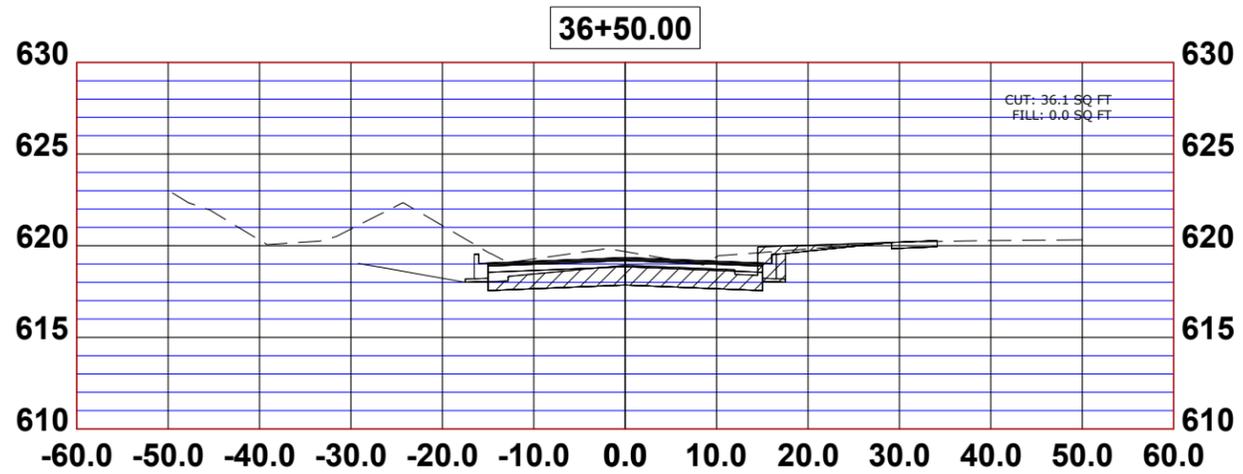
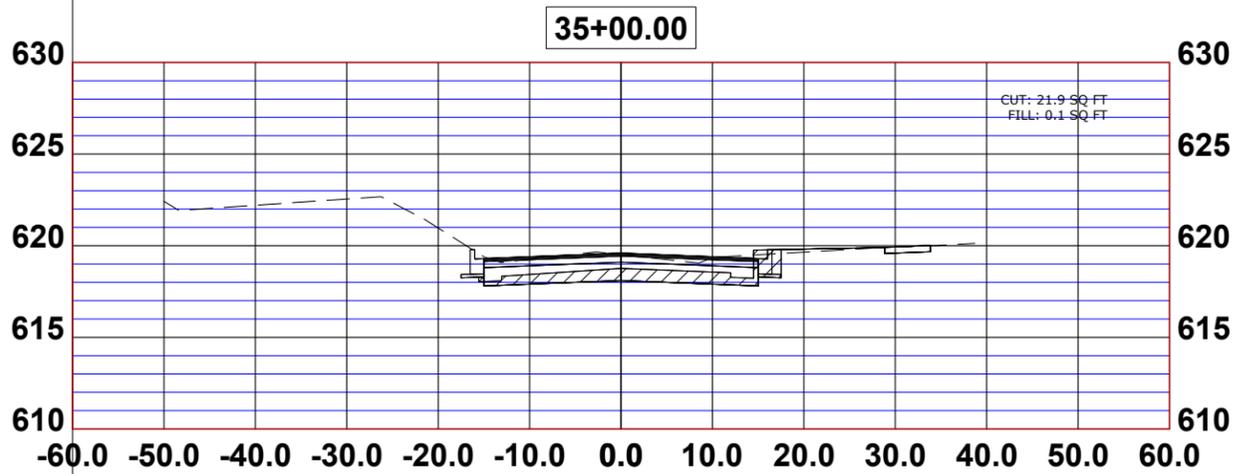
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5'    SHEET NO. 7 OF 11 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	103
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

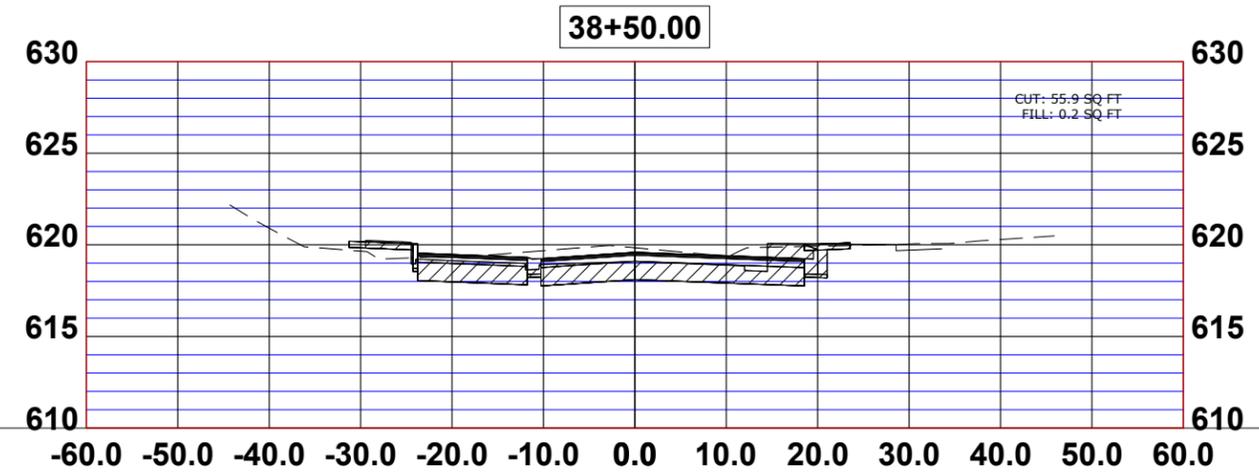
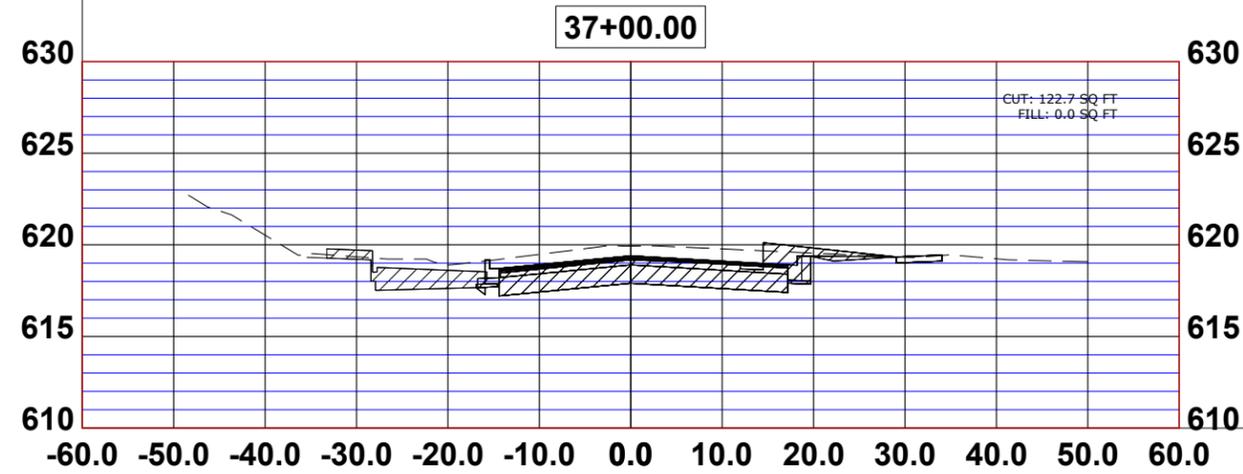
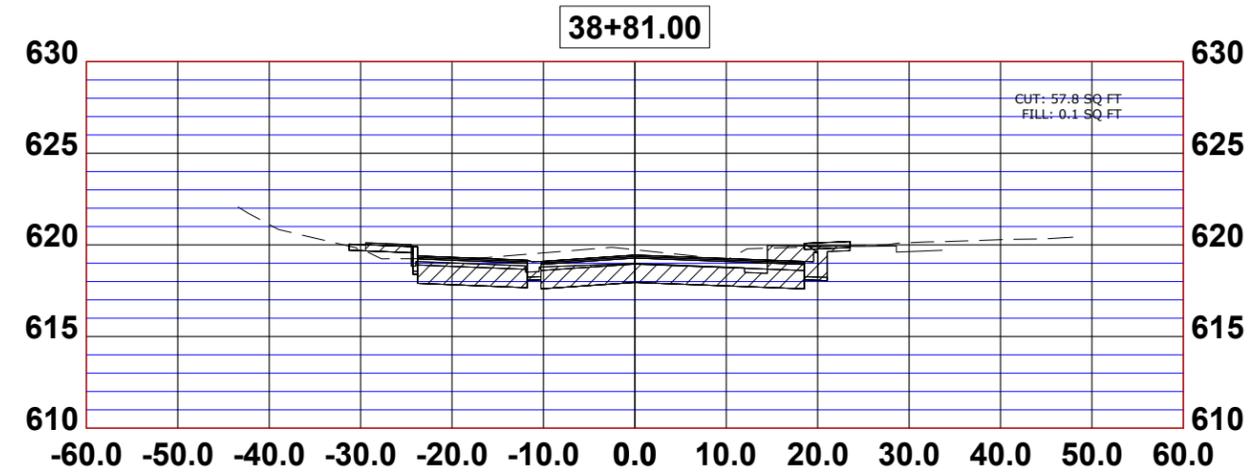
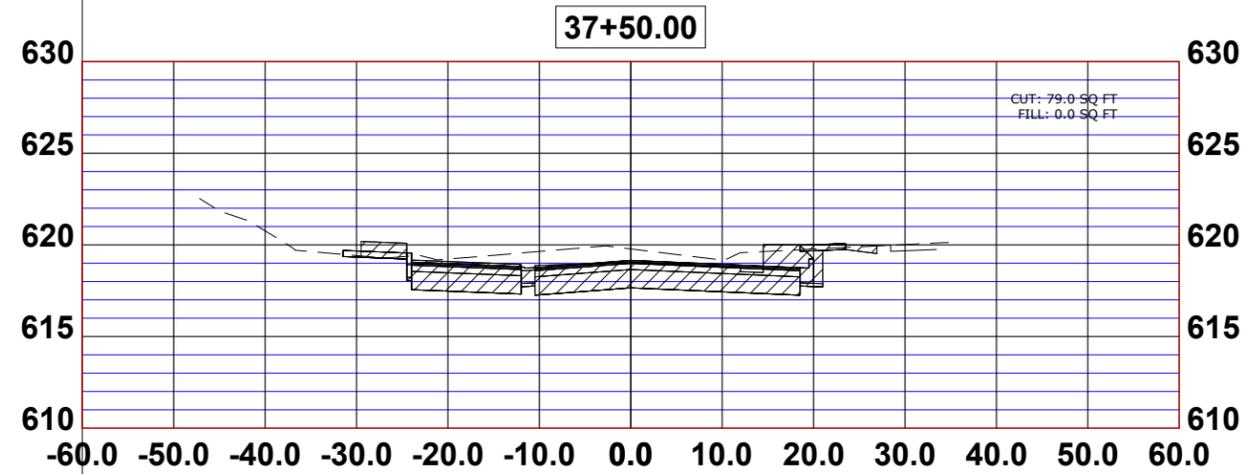
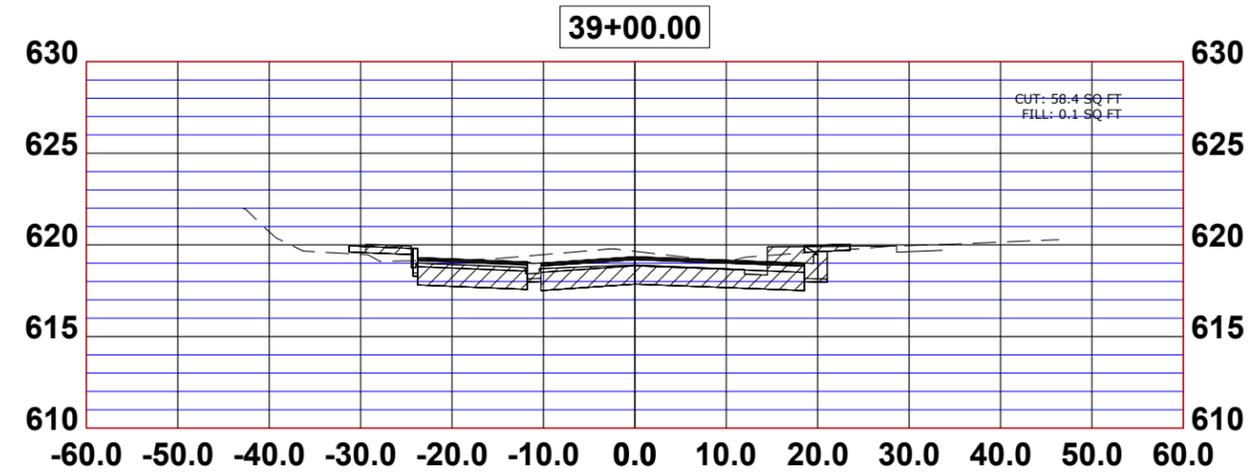
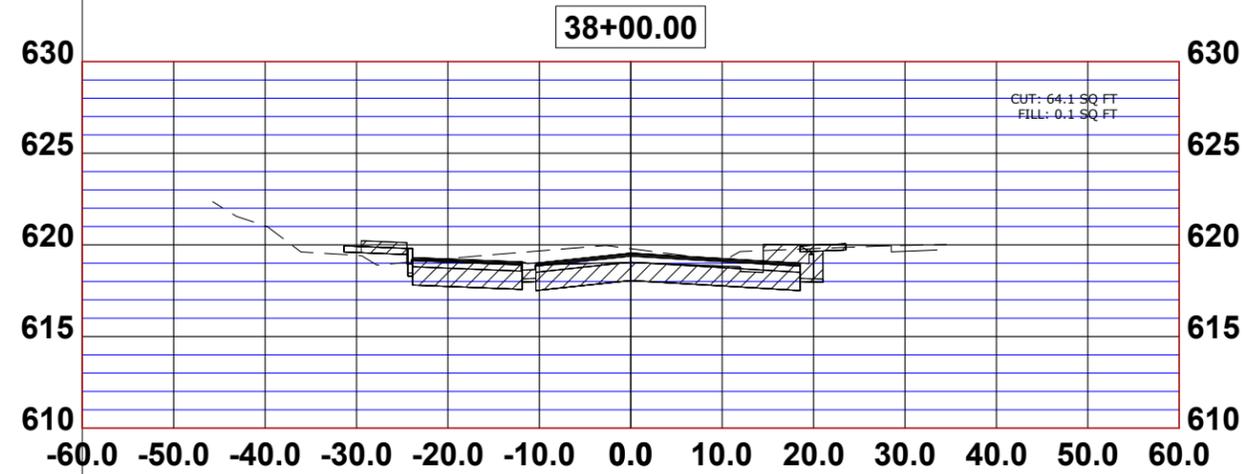
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5'    SHEET NO. 8 OF 11 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	104
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DESIGNED - X  
 DRAWN - ECW, SFB, DMM, GD  
 CHECKED - XXX  
 DATE - 8-7-23

REVISED -  
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 REVISED -

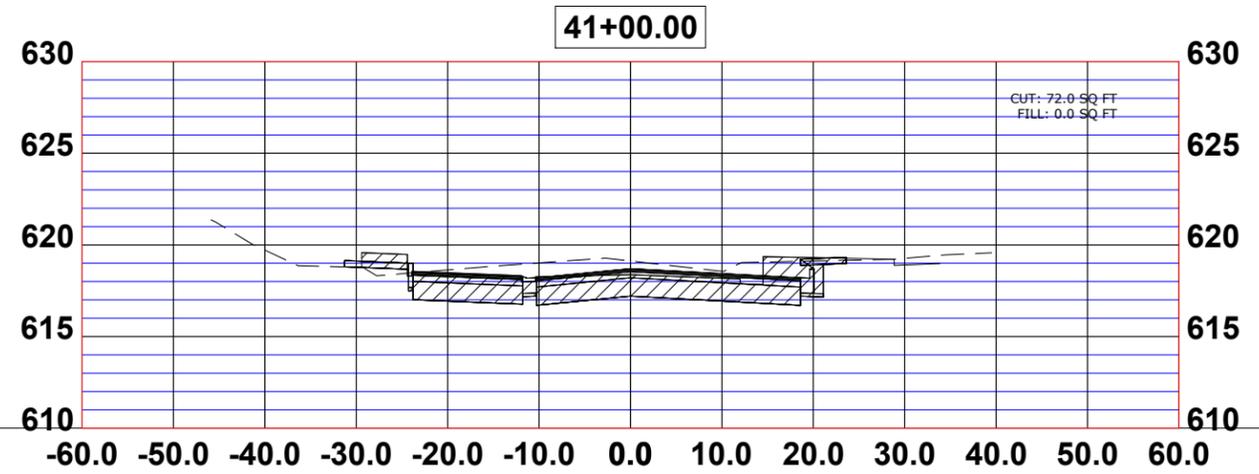
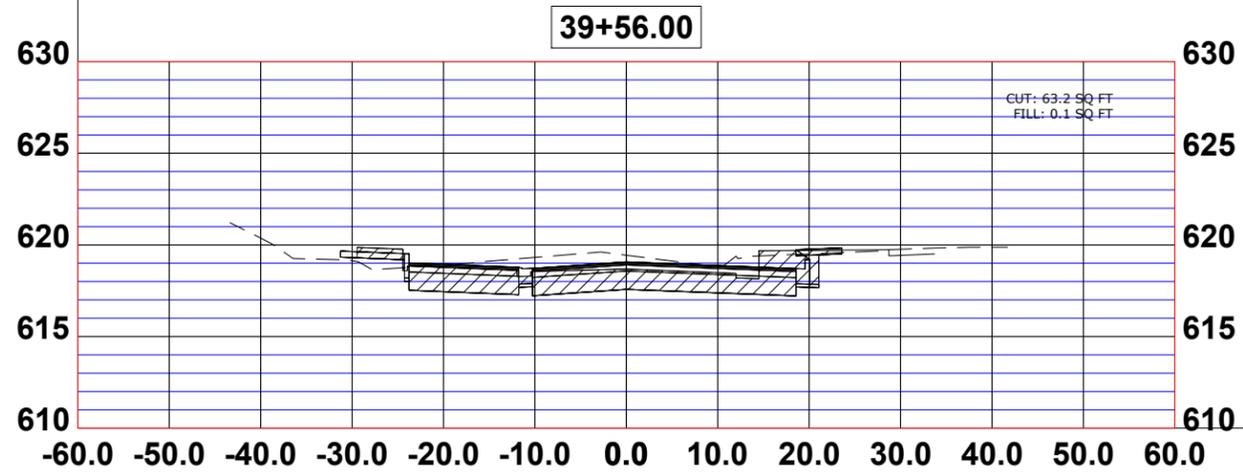
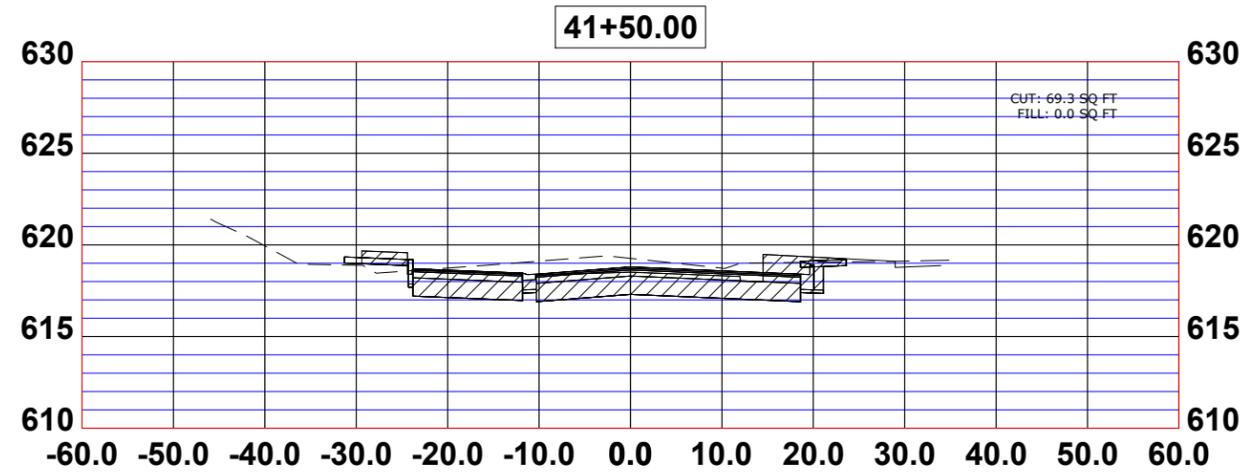
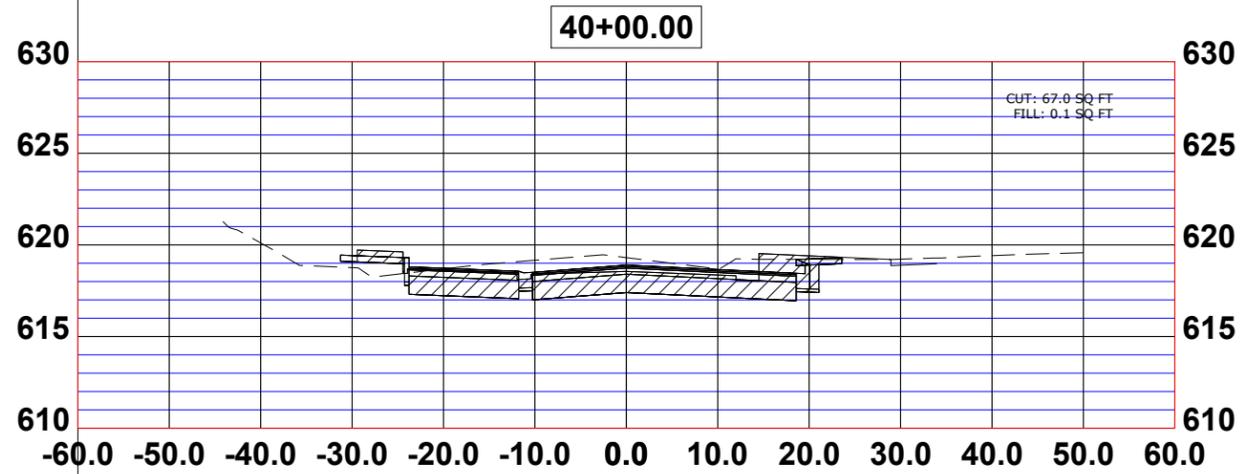
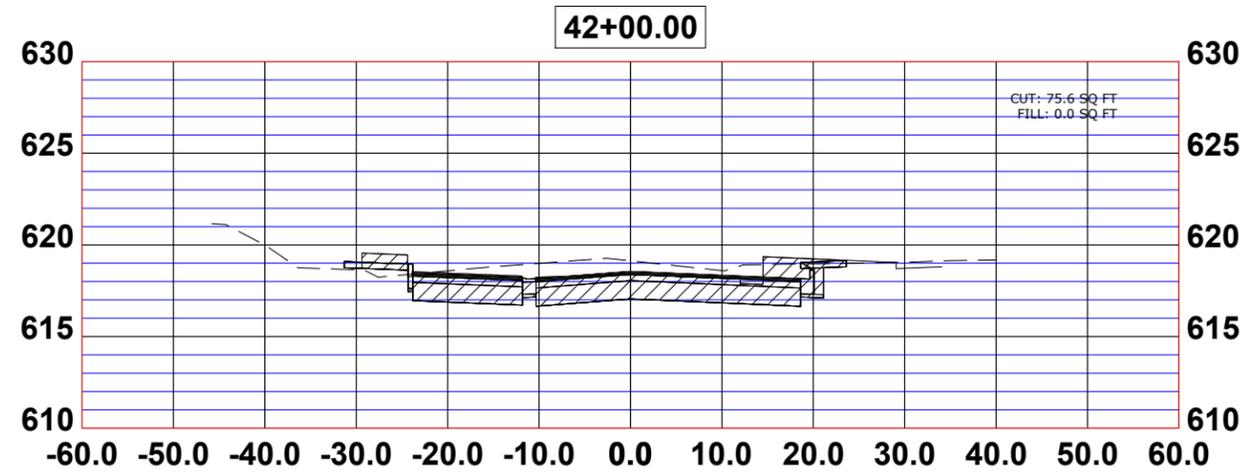
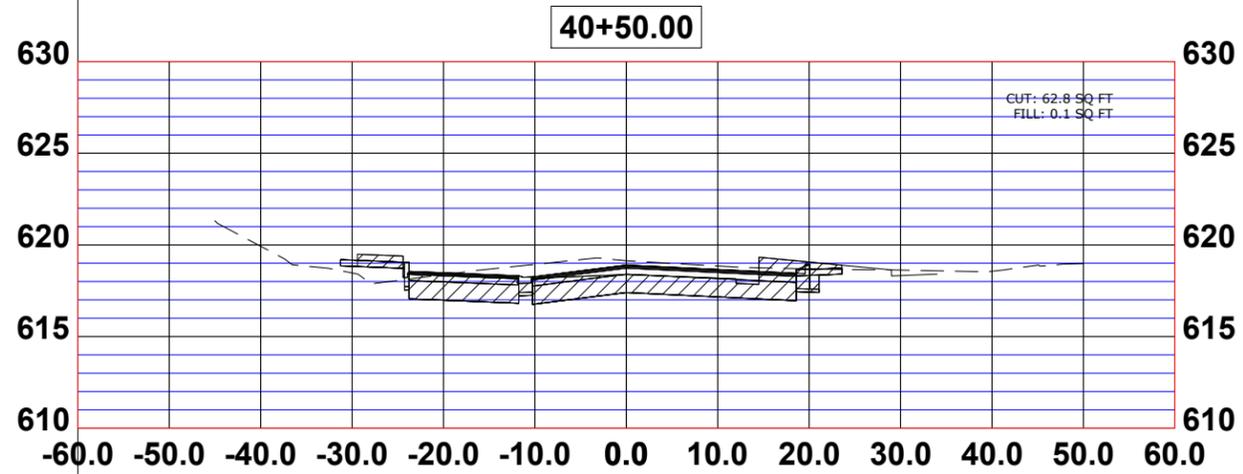
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

SCALE: H:1"=10', V:1"=5'    SHEET NO. 9 OF 11 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	105
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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DESIGNED -	X	REVISED -	
DRAWN -	ECW, SFB, DMM, GD	REVISED -	
CHECKED -	XXX	REVISED -	
DATE -	8-7-23	REVISED -	

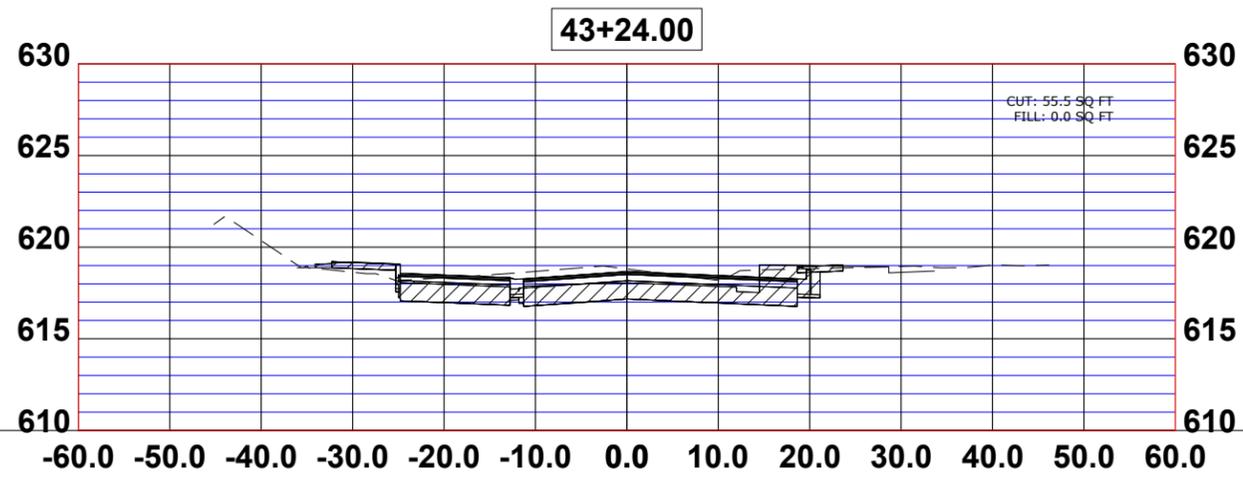
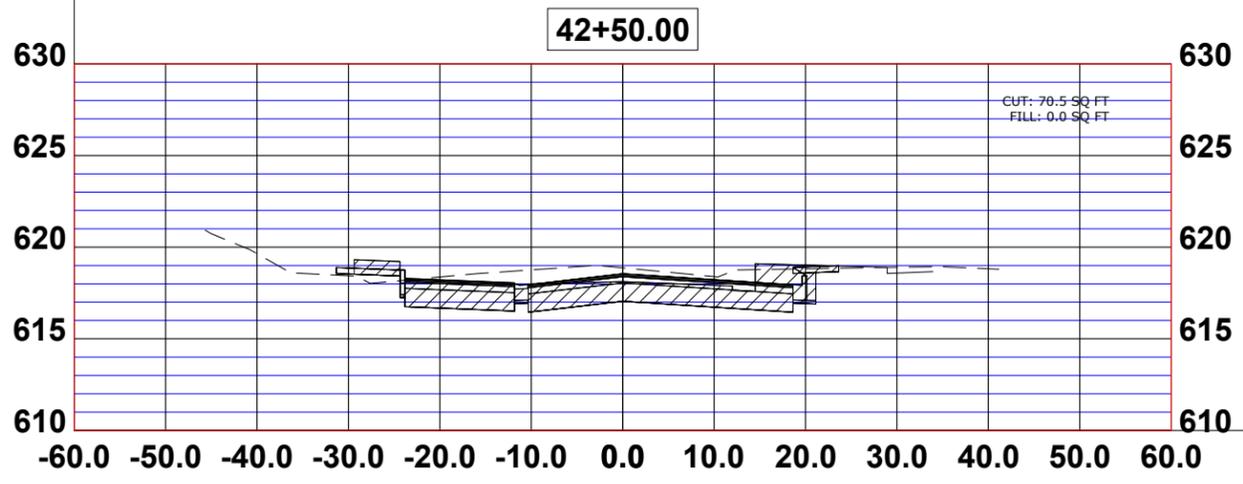
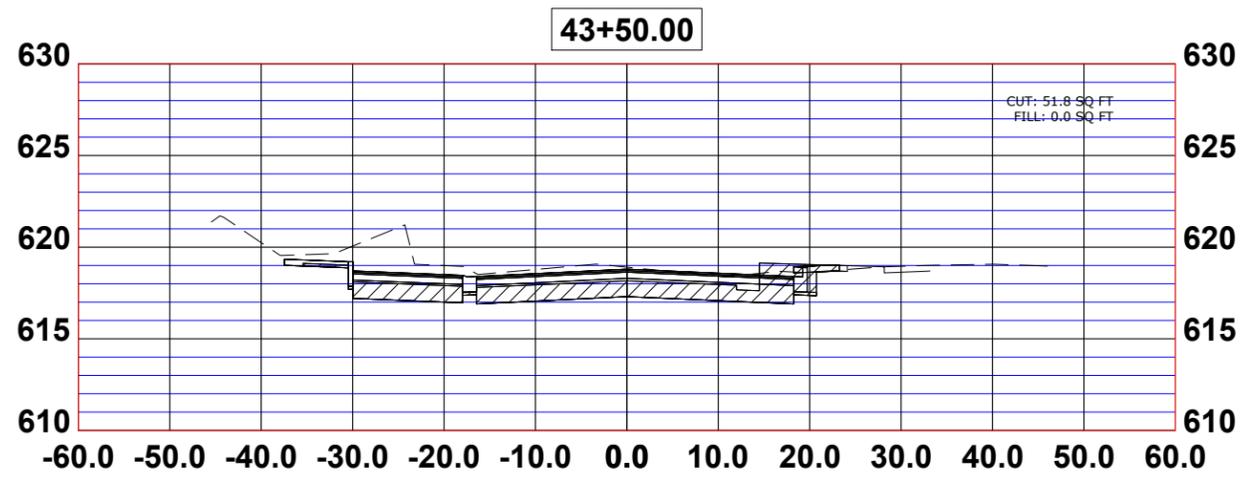
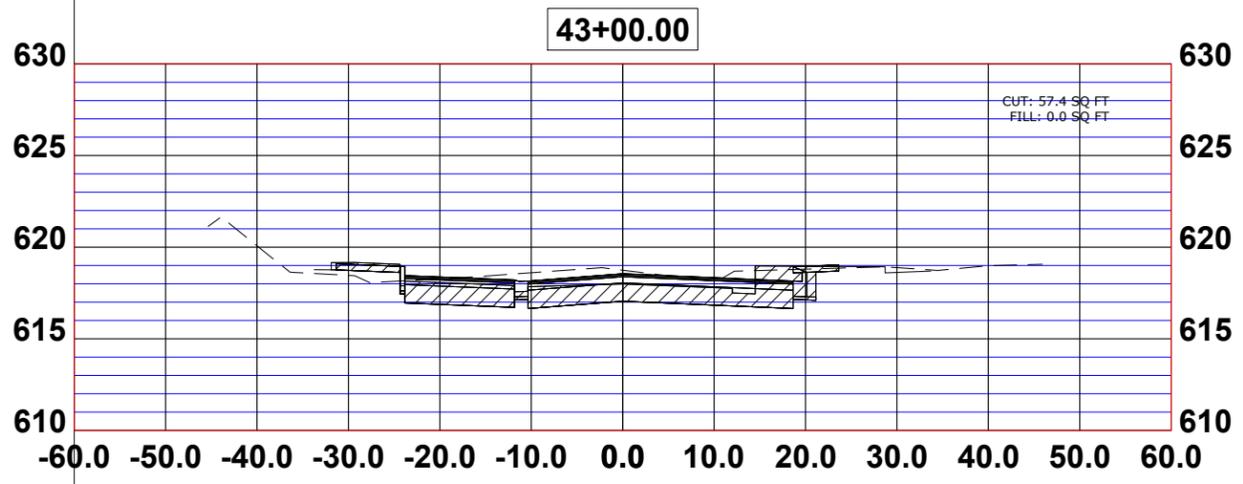
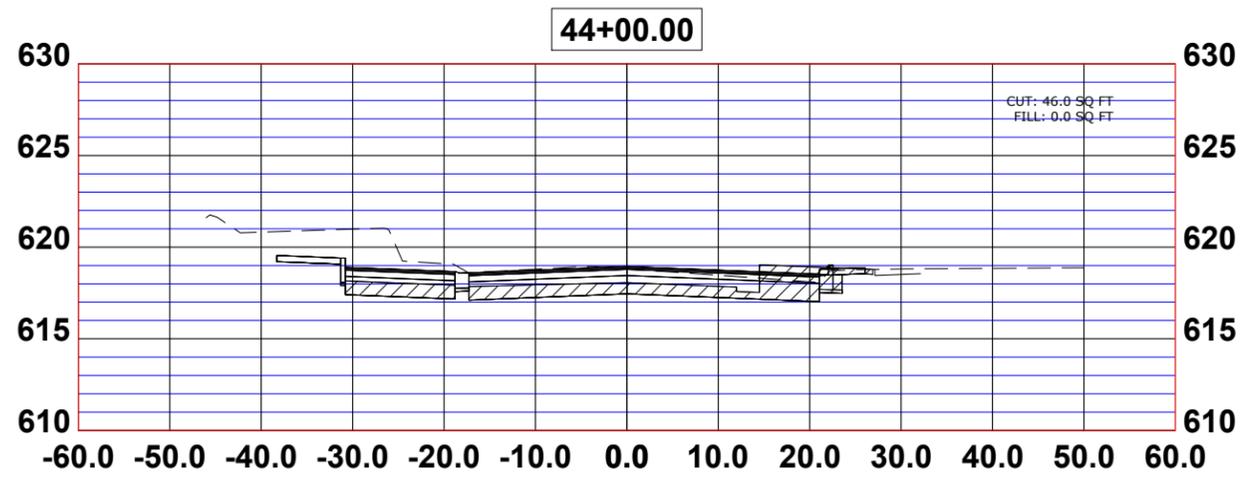
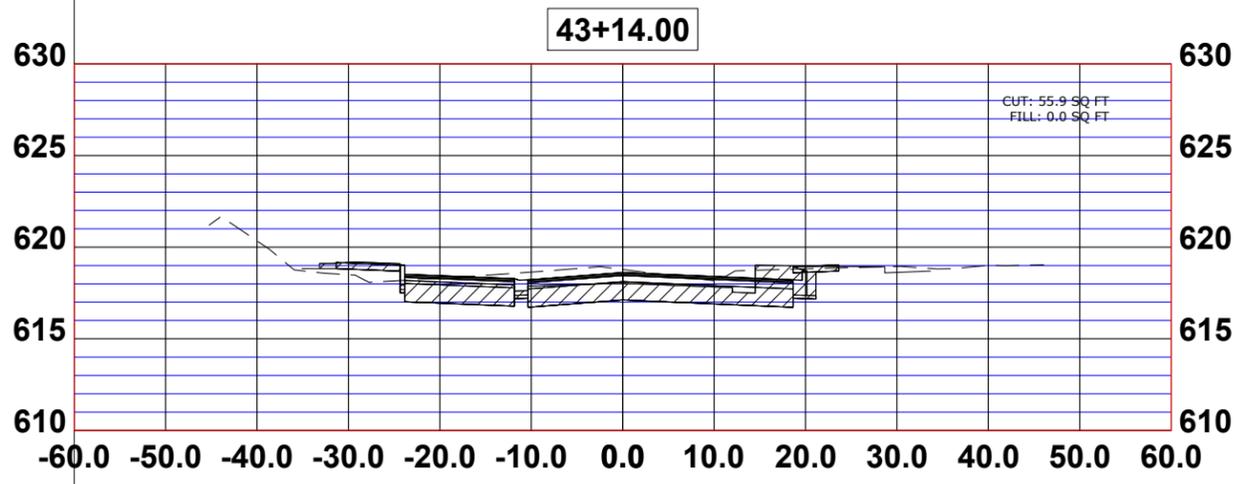
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	106
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

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 DRAWN - ECW, SFB, DMM, GD  
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 DATE - 8-7-23

REVISED -  
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 REVISED -

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**DEPARTMENT OF TRANSPORTATION**

**BURLINGTON CROSS SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0655	20-00133-00-FP	COOK	108	107
FIELD BOOK NO. :		CONTRACT NO. 61J89		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	