

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	COOK	82	1
		ILLINOIS	CONTRACT NO. 61M54	

11-06-2026 LETTING ITEM 027

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAYS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF APPLICABLE HIGHWAY STANDARDS
SEE SHEET 2

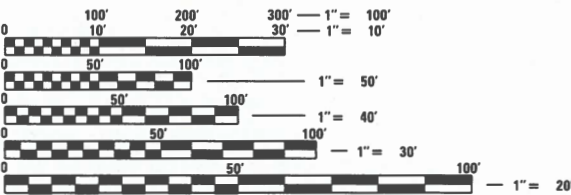
TRAFFIC DATA
IL 19 / IRVING PARK ROAD
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
IDOT JURISDICTION
ADT=15,500 VEHICLES PER DAY
30 MPH POSTED SPEED
VILLAGE OF ROSELLE

MAIN STREET MULTI-USE PATH
PARK STREET TO ROSELLE METRA STATION
SECTION No.: 23-00064-00-BT
VILLAGE OF ROSELLE
DUPAGE COUNTY

C-91-227-23

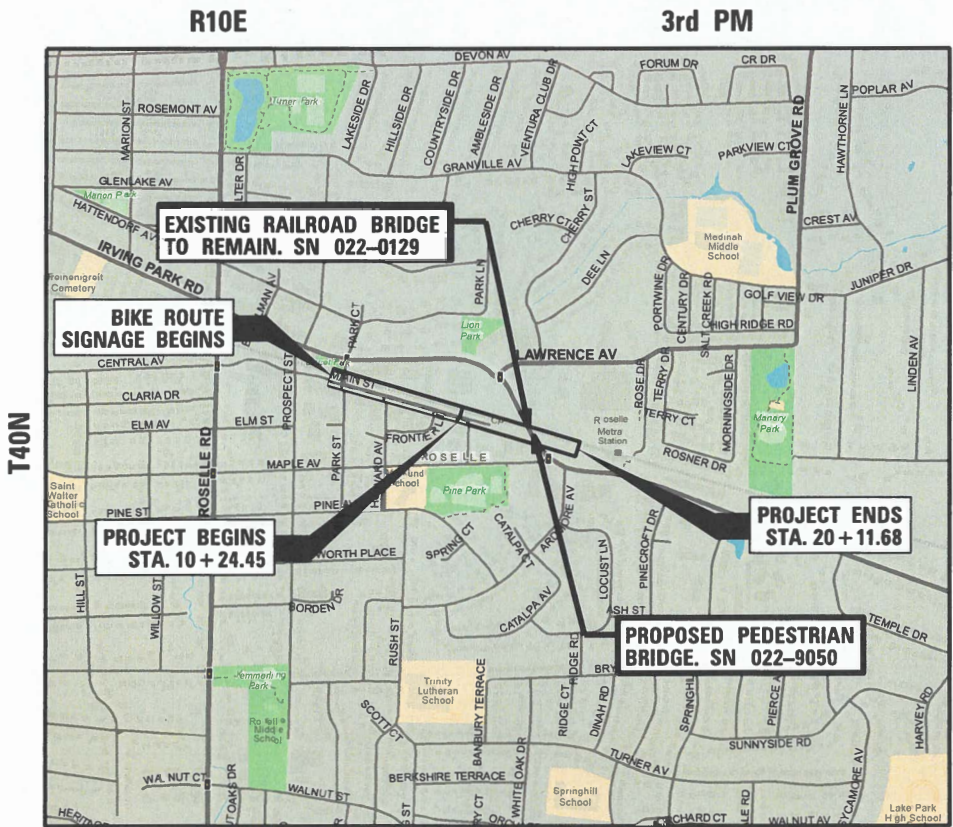


LOCATION OF SECTION INDICATED THUS: -



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



BLOOMINGDALE TOWNSHIP LOCATION MAP
SCALE = N.T.S.

GROSS LENGTH = 987 FT. = 0.187 MILE
NET LENGTH = 987 FT. = 0.187 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Kristin L. Mehl
DIRECTOR OF DEVELOPMENT & ENGINEERING SERVICES,
VILLAGE OF ROSELLE

PASSED August 28, 2026
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW August 28, 2026
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



August 31, 2026
JASON G. SOUDEN
ILLINOIS REGISTRATION No. 062-050850
EXPIRATION DATE: 11/30/27

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

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

CONTRACT NO. 61M54

Default
FILE NAME = N:\ROSELLE\2500030\Civil\NOTL250030.dwg

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7	ALIGNMENTS, TIES, AND BENCHMARKS
8	EXISTING CONDITIONS AND REMOVAL PLAN
9-10	PLAN AND PROFILE
11	DETOUR PLAN
12	PROPOSED LANDSCAPING – TREE PLAN AND SCHEDULE
13	EROSION CONTROL, LANDSCAPING, AND PAVEMENT MARKING PLAN
14-15	EROSION CONTROL DETAILS
16	ADA GRADING DETAILS
17	LIGHTING GENERAL NOTES
18-21	LIGHTING PLAN
22-26	LIGHTING DETAILS
27-28	LIGHTING RECORD DRAWINGS
29-56	STRUCTURAL SHEETS
57	DWC AS-BUILT PLAN
58-63	DISTRICT ONE DETAILS
64-82	CROSS SECTIONS

LIST OF DISTRICT ONE DETAILS

BD 24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	TYPICAL PAVEMENT MARKINGS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN

LIST OF HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
515001-04	NAME PLATE FOR BRIDGES
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
604001-05	FRAME AND LIDS, TYPE 1
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS- DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2026; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), AND THE VILLAGE OF ROSELLE ENGINEERING DETAILS THE "DETAILS" IN THE PLANS. THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS, THE AMERICANS WITH DISABILITIES ACT OF 1990 ACCESSIBILITY GUIDELINES, AND ANY APPLICABLE PERMITS. IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF OSHA DURING CONSTRUCTION OF IMPROVEMENTS AND RESTORATION. NEITHER THE VILLAGE NOR ITS APPOINTED ENGINEER SHALL BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE WITH OSHA.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE OPEN TO TWO WAY TRAFFIC, AND ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE VILLAGE OF ROSELLE.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAIN, SEWERS, GAS LINES, ETC. AS SHOWN ON THE PLANS, HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL JULIE AT 811 OR (800) 892-0123 FOR UTILITY LOCATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- ALL CLOSED LIDS SHALL BE STAMPED WITH THE WORD "STORM", "SANITARY" OR "WATER".
- 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.
- DRAINAGE: DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION.
- ALL PEDESTRIAN ROUTES CONSTRUCTED SHALL BE ADA COMPLIANT.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY EXISTING PAVEMENT OR PARKING LOTS DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING PAVEMENT CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- NO GRADING WILL BE ALLOWED WITHIN THE DRIPLINE OF ANY TREE UNLESS DIRECTED BY THE ENGINEER.
- EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
- CONTRACTOR SHALL ENSURE THAT VEHICULAR AND PEDESTRIAN ACCESS/CIRCULATION INTO AND OUT OF THE ROSELLE METRA STATION SOUTH LOT MUST BE MAINTAINED AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM THE DUPAGE COUNTY DIVISION OF TRANSPORTATION FOR DETOURING TRAFFIC TO ROSELLE ROAD DURING THE PLACEMENT OF THE PEDESTRIAN TRUSS SUPERSTRUCTURE AND THE CASTING OF THE BRIDGE DECK.

COMMITMENTS

- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
- ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH IDOT BDE MANUAL – CHAPTER 56 AND WITH THE USFWS PBO FOR IBAT, NLEB, AND TRICOLORED BAT. THIS INCLUDES THE FOLLOWING: DIRECT TEMPORARY LIGHTING AWAY FROM SUITABLE HABITAT DURING THE ACTIVE SEASON. UTILIZING THE BUG SYSTEM, THE PROJECT SHOULD BE AS CLOSE TO 0 FOR ALL THREE RATINGS WITH A PRIORITY OF "UPLIGHT" OF 0 AND "BACKLIGHT" AS LOW AS PRACTICABLE.

DUPAGE WATER COMMISSION GENERAL NOTES

- PRIOR TO THE START OF WORK, THE EXACT LOCATION AND DEPTH OF THE DWC PIPELINE SHALL BE FIELD VERIFIED. DWC STAFF SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF THIS POTHOLING EFFORT BY CALLING 630-834-0100. POTHOLING DWC PIPELINES SHALL BE PERFORMED BY HYDRO EXCAVATION AND SHALL NOT TAKE PLACE UNLESS DWC WATCH AND PROTECT STAFF ARE ON SITE. EXPLORATORY POTHOLING SHALL BE BACKFILLED WITH COMPACTED CA-6 OR OTHER SUITABLE BACKFILL MATERIAL APPROVED BY DWC STAFF.
- THE DUPAGE WATER COMMISSION SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF THE START OF ANY SUBSURFACE WORK WITHIN 25 FEET OF THE PIPELINE BY CALLING 630-834-0100. WORK WITHIN 25 FEET OF THE TRANSMISSION MAIN SHALL NOT TAKE PLACE UNLESS DWC WATCH AND PROTECT STAFF ARE ON SITE.
- NO EQUIPMENT OR MATERIALS SHALL BE STORED WITHIN 15 FEET OF THE DWC PIPELINE.
- DRILLED SHAFTS WITHIN 5 FEET OF THE DWC TRANSMISSION MAIN SHALL BE DONE IN TEMPORARY CASING.
- IF THRUST BLOCKS ARE ENCOUNTERED DURING CONSTRUCTION, WORK SHOULD STOP AND DWC WATCH AND PROTECT SHOULD BE CONTACTED IMMEDIATELY.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE NUMBER AND LOCATION OF ANY PROPOSED WATER MAIN CROSSINGS NECESSARY TO COMPLETE THE WORK REQUIRED, AND TO ENSURE THAT ALL CONDITIONS FOR EACH PROPOSED CROSSING LOCATION FOLLOWS DWC REQUIREMENTS. ALL PROPOSED MAIN WATER CROSSING LOCATIONS, INCLUDING WORK OVER THE PIPE, WILL BE SUBJECT TO APPROVAL BY DWC, BASED ON DOCUMENTATION SUBMITTED BY THE CONTRACTOR.
- ALL CROSSINGS SHALL BE PERPENDICULAR TO THE PIPELINE AND REQUIRE SETTLEMENT MONUMENTS.

A) CROSSING DOCUMENTATION TO BE SUBMITTED FOR REVIEW AND APPROVAL: FOR ALL PROPOSED WATER MAIN CROSSINGS, THE CONTRACTOR SHALL PROVIDE VEHICLE INFORMATION INCLUDING VEHICLE TYPE, MANUFACTURER, WEIGHT (UNLOADED AND MAXIMUM LOADED), AND WHEEL, TIRE OR TRACK LOADING FOR ANY CONSTRUCTION VEHICLE THAT WILL USE THE CROSSING. THE PROPOSED LOCATION OF THE CROSSINGS SHALL BE IDENTIFIED, AND THE CONTRACTOR SHALL PERFORM ANY NECESSARY EXPLORATORY EXCAVATION TO DETERMINE THE ACTUAL DEPTH OF THE SOIL COVER AT THE PROPOSED CROSSING LOCATION TO THE NEAREST TENTH-OF-A-FOOT. DWC STAFF SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF THIS EXPLORATORY EXCAVATION EFFORT BY CALLING 630-834-0100. EXPLORATORY EXCAVATION SHALL BE PERFORMED BY HYDRO EXCAVATION AND SHALL NOT TAKE PLACE UNLESS DWC WATCH AND PROTECT STAFF ARE ON SITE. EXPLORATORY EXCAVATIONS SHALL BE BACKFILLED WITH COMPACTED CA-6 OR OTHER SUITABLE BACKFILL MATERIAL APPROVED BY DWC STAFF.

B) CROSSINGS WHERE SOIL COVER DEPTHS IS LESS THAN 4 FEET: NO VEHICLES OR EQUIPMENT WILL BE ALLOWED TO CROSS THE WATER MAIN IN LOCATIONS WHERE THERE IS LESS THAN 4 FEET OF SOIL COVER DEPTH OVER THE PIPE.

C) CROSSINGS WHERE SOIL COVER DEPTH IS GREATER THAN 4 FEET BUT DOES NOT EXCEED 8 FEET:

I. NO CRANE MAT: VEHICLES AND EQUIPMENT WITH A MAXIMUM LOADED WEIGHT OF UP TO 17,500 POUNDS MAY CROSS THE WATERMAIN WITHOUT A CRANE MAT OR OTHER FORM OF WATER MAIN PROTECTION. CROSSINGS WITHOUT A CRANE MAT SHALL BE RESTRICTED TO A MAXIMUM 20 FEET WIDTH OF OPENING IN THE TEMPORARY PROTECTION FENCE.

II. SINGLE CRANE MAT: VEHICLES AND EQUIPMENT WITH A MAXIMUM LOADED WEIGHT OF UP TO 65,000 POUNDS MAY UTILIZE A SINGLE CRANE MAT CROSSING AND SHALL BE SHOWN IN THE "CROSSING LAYOUT PLAN FOR SINGLE CRANE MAT" DETAIL PROVIDED IN THE CONTRACTORS PLANS OR OTHERWISE APPROVED BY DPWC. THIS INCLUDES ALL WHEELED AND TRACKED VEHICLES AND EQUIPMENT.

III. DOUBLE CRANE MAT: VEHICLES AND EQUIPMENT WITH A MAXIMUM LOADED WEIGHT OF UP TO 75,000 POUNDS MAY UTILIZE A DOUBLE CRANE MAT CROSSING AND SHALL BE SHOWN IN THE "CROSSING LAYOUT PLAN FOR DOUBLE CRANE MAT" DETAIL PROVIDED IN THE CONTRACTORS PLANS OR OTHERWISE APPROVED BY DPWC. THIS INCLUDES ALL WHEELED AND TRACKED VEHICLES AND EQUIPMENT.

D) CROSSINGS WHERE SOIL COVER DEPTH IS GREATER THAN 8 FEET: VEHICLES AND EQUIPMENT THAT MEET THE ALLOWABLE LOADING CRITERIA FOR A DOUBLE CRANE MAT CROSSING FOR SOIL COVER DEPTHS BETWEEN 4 AND 8 FEET WILL BE ALLOWED TO CROSS THE WATER MAIN WITHOUT A CRANE MAT OR OTHER FORM OF WATER MAIN PROTECTION WHERE THE SOIL COVER DEPTH OVER THE PIPE EXCEEDS 8 FEET. THESE CROSSINGS SHALL BE RESTRICTED TO A MAXIMUM OF 20 FEET.

E) OTHER CROSSINGS: FOR VEHICLES AND EQUIPMENT THAT DO NOT MEET THE ABOVE WATER MAIN CROSSING REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE THE PROPOSED METHOD OF WATER MAIN CROSSING PROTECTION INCLUDING ALL REQUIRED CONSTRUCTION DETAILS AND SUPPORTING CALCULATIONS INDICATING THE CONSTRUCTION LIVE LOAD EXPECTED ABOVE THE PIPE DOES NOT EXCEED THE ALLOWABLE LOAD PROVIDED BY DWC FOR THE IDENTIFIED LOCATION. ALL CALCULATIONS MUST BE SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS. DWC WILL REVIEW THE SUBMITTED MATERIALS TO DETERMINE IF THE PROPOSED CROSSING LOCATION(S) AND VEHICLE LOAD(S) ARE ACCEPTABLE.

F) REQUIRED SIGNAGE FOR WATER MAIN CROSSINGS: THE CONTRACTOR SHALL INSTALL AND MAINTAIN TWO SIGNS ON EACH APPROACH TO THE WATERMAIN CROSSING THAT IDENTIFIES THE TYPE OF CROSSING. CROSSING TYPES WILL BE SINGLE MAT, DOUBLE MAT, OR NO MAT. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING DOCUMENTATION IN EACH VEHICLE STATING WHICH CROSSING TYPE AN INDIVIDUAL VEHICLE IS PERMITTED TO USE BASED ON APPROVAL RECEIVED FROM THE DWC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE STRICT ENFORCEMENT OF THE VEHICLE AND EQUIPMENT LIMITS FOR EACH WATER MAIN CROSSING.

- GROUND RUTTING AND SETTLEMENT: THE CONTRACTOR SHALL MAINTAIN GROUND SURFACE FREE FROM RUTTING OR SETTLEMENT ABOVE WATER MAIN TO THE GREATEST EXTENT PRACTICABLE. ANY LOCATION WHERE GROUND SURFACE RUTTING OR SETTLEMENT EXCEEDS SIX INCHES ABOVE THE WATER MAIN SHALL BE REPAIRED AND RESTORED BY THE CONTRACTOR TO ORIGINAL CONDITIONS PRIOR TO FURTHER USE OF THE WATER MAIN CROSSING.
- CONSTRUCTION OVER WATER MAIN: NO CONSTRUCTION EQUIPMENT OR VEHICLES ARE ALLOWED TO WORK, OPERATE, IDLE, OR SIT IN THE CONSTRUCTION LIMITS DESIGNATED ABOVE WITHOUT PRIOR APPROVAL OF DWC.



CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler

	DRAWN -
PLOT SCALE = NTS	CHECKED -
PLOT DATE = 8/31/2026	DATE -

DESIGNED -	REVISED -
	REVISED -
	REVISED -
	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET MULTI-USE PATH				RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES				1321	23-00064-00-BT	DuPAGE	82	2
				CONTRACT NO. 61M54				
SCALE:				SHEET 1 OF 1 SHEETS				ILLINOIS FED. AID PROJECT

Default
FILE NAME = N:\ROSEELLE\2500230\CV\1\S001.2500230.dwg

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	99	99			
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	57	57			
20101000	TEMPORARY FENCE	FOOT	280	280			
* 20101100	TREE TRUNK PROTECTION	EACH	8	8			
* 20101200	TREE ROOT PRUNING	EACH	20	20			
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10			
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10	10			
20200100	EARTH EXCAVATION	CU YD	310	310			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	574	574			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	655	655			
* 25000210	SEEDING, CLASS 2A	ACRE	0.14	0.14			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	13	13			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	13	13			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	13	13			
* 25100630	EROSION CONTROL BLANKET	SQ YD	655	655			
* 25200200	SUPPLEMENTAL WATERING	UNIT	6	6			
28000400	PERIMETER EROSION BARRIER	FOOT	1302	1302			
28000510	INLET FILTERS	EACH	9	9			
28100105	STONE RIPRAP, CLASS A3	SQ YD	275		275		

*SPECIALTY ITEM

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
28200200	FILTER FABRIC	SQ YD	275		275		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	64	64			
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	574	574			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1292	1292			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	273	273			
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	260	165	95		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	608	608			
42400800	DETECTABLE WARNINGS	SQ FT	32	32			
44000100	PAVEMENT REMOVAL	SQ YD	32	32			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1161	319	842		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	116	116			
44000600	SIDEWALK REMOVAL	SQ FT	325	325			
48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	144	144			
50200100	STRUCTURE EXCAVATION	CU YD	790		790		
50300225	CONCRETE STRUCTURES	CU YD	45.5		45.5		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	7397		7397		
50300300	PROTECTIVE COAT	SQ YD	240		240		
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	11.2		11.2		
50500505	STUD SHEAR CONNECTORS	EACH	934		934		
50800105	REINFORCEMENT BARS	POUND	2337		2337		

CB

CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmlr

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET MULTI-USE PATH
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

RTE. 1321

SECTION 23-00064-00-BT

COUNTY DuPAGE

TOTAL SHEETS 82

SHEET NO. 3

CONTRACT NO. 61M54

ILLINOIS FED. AID PROJECT

Default
FILE NAME = N:\ROSELLE\2500230\CV\1\S022_250030.dwt

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	54730		54730		
51500100	NAME PLATES	EACH	1		1		
51603000	DRILLED SHAFT IN SOIL	CU YD	61		61		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	440		440		
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	4460		4460		
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	25345		25345		
52200250	UNTREATED TIMBER LAGGING	SQ FT	5262		5262		
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	273.8		273.8		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	77	77			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	485		485		
58700300	CONCRETE SEALER	SQ FT	840		840		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	617		617		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4		4		
60146306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	1244		1244		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1			
60260100	INLETS TO BE ADJUSTED	EACH	2	2			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2			

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
60602800	CONCRETE GUTTER, TYPE B	FOOT	499		499		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	117	117			
* 66400305	CHAIN LINK FENCE, 6'	FOOT	191		191		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8			
67100100	MOBILIZATION	L SUM	1	1			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	50	50			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	20	20			
* 72000100	SIGN PANEL - TYPE 1	SQ FT	36	36			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	13		13		
* 72000300	SIGN PANEL - TYPE 3	SQ FT	144		144		
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	120	120			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1130	716	414		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	56	56			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	32	32			
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	290	290			
* 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	8	8			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	40			40	
* 81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	330			330	

* SPECIALTY ITEM

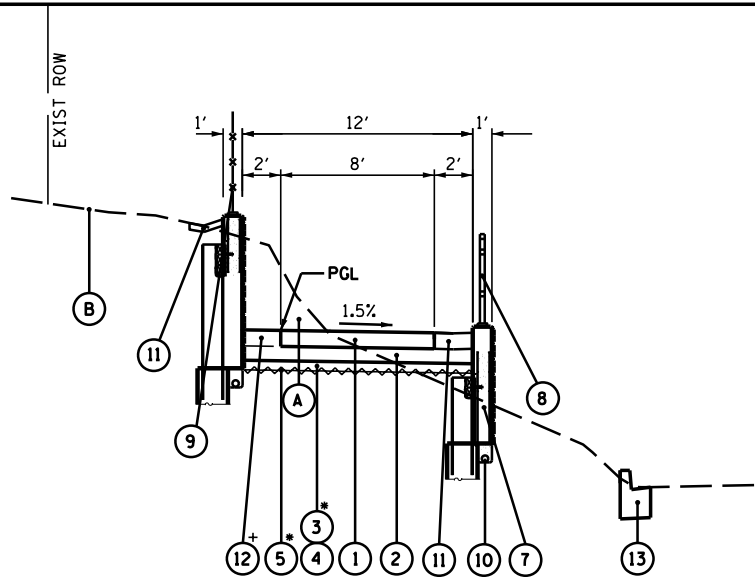
Default
FILE NAME = N:\ROSELLE\2500230\AC\civil\SD023_250030.dwt

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	315			315	
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	330			330	
* 81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	650			650	
* 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2			2	
* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	2			2	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4100			4100	
* A2002046	TREE, AESCULUS GLABRA JN SELECT (EARLY GLOW BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
* A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
* A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
* A2005418	TREE, LIRIODENDRON TULIPIFERA 'JFS-OZ' (EMERALD CITY TULIP TREE) 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
* A2005470	TREE, MALUS JFS KW213MX, (RASPBERRY SPEAR CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4			
* K0036118	MULCH PLACEMENT 3"	SQ YD	118	118			
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	3042		3042		
* X0326672	PEDESTRIAN BRIDGE LIGHTING SYSTEM	L SUM	1			1	
X0326806	WASHOUT BASIN	L SUM	1	1			
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1	1			
X1700066	POTHOLING	EACH	3			3	
X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	400	400			
* X5091725	BICYCLE RAILING (SPECIAL)	FOOT	604		604		

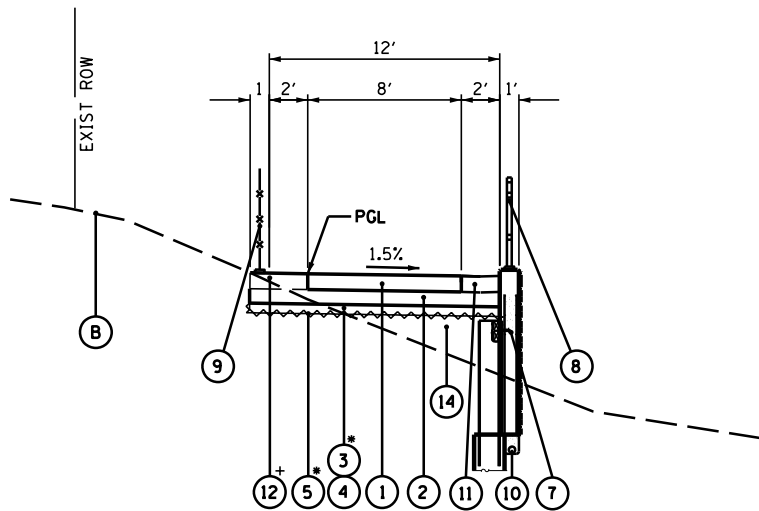
* SPECIALTY ITEM

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0028 80% ITEP-STATE / 20% LOCAL	BRIDGE 0028 80% ITEP-STATE / 20% LOCAL	LIGHTING 0028 80% ITEP-STATE / 20% LOCAL	NON- PARTICIPATING 100% LOCAL
X5220102	RETAINING WALL REMOVAL	FOOT	60		60		
* X5510308	SANITARY SEWER REMOVAL 8"	FOOT	16	16			
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1			
X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	604		604		
* X6640535	CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE	FOOT	498		498		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	78	78			
* X8000003	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12			12	
* X8030108	LOCATING UNDERGROUND UTILITIES	L SUM	1	1			
XX009242	ANTI-GRAFFITI PROTECTION SYSTEM	SQ FT	5443				5443
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
# Z0076600	TRAINEES	HOURL	500	500			
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500			

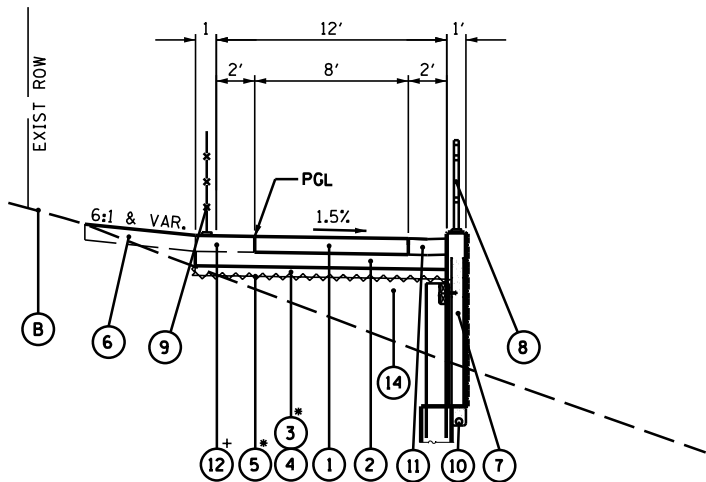
0042



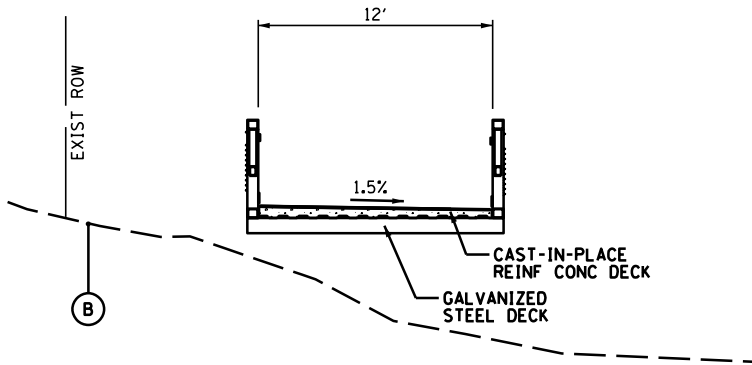
TYPICAL SECTION
STA 11+00 - 14+00
*AS DIRECTED BY ENGINEER



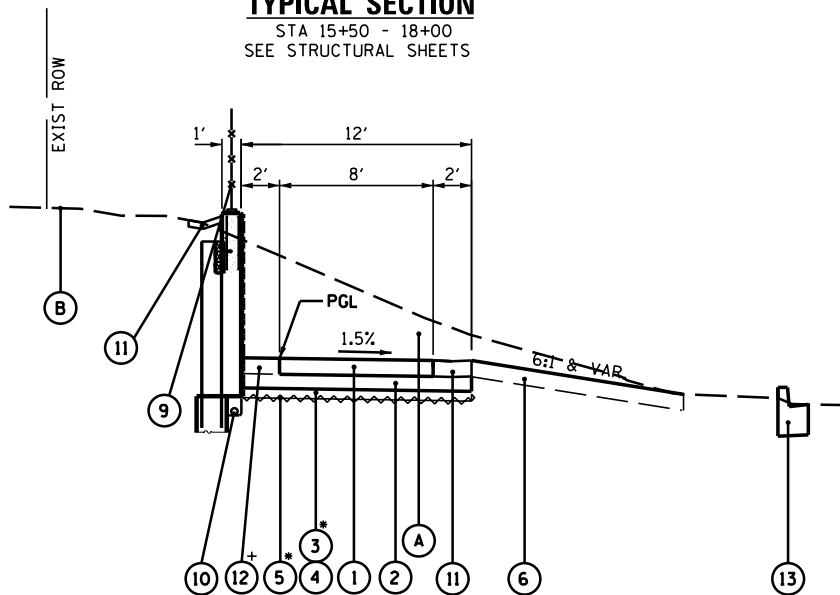
TYPICAL SECTION
STA 14+00 - 15+25
*AS DIRECTED BY ENGINEER



TYPICAL SECTION
STA 15+25 - 15+50
STA 18+00 - 19+50
*AS DIRECTED BY ENGINEER



TYPICAL SECTION
STA 15+50 - 18+00
SEE STRUCTURAL SHEETS



TYPICAL SECTION
STA 19+50 - 19+75
*AS DIRECTED BY ENGINEER

LEGEND

- 1 HMA SURFACE COURSE, MIX "D", N50, IL-9.5, 4" (TWO LIFTS)
- 2 AGGREGATE BASE COURSE, TYPE B, 8"
- 3 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (UNDERCUTS)
- 4 AGGREGATE SUBGRADE IMPROVEMENT
- 5 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 6 TOPSOIL FURNISH AND PLACE 4", SEEDING CL 2A, EROSION CONTROL BLANKET
- 7 CONCRETE STRUCTURES (RETAINING WALL)
- 8 BICYCLE RAILING (SPECIAL)
- 9 CHAIN LINK FENCE, 6' OR CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE (SEE PLANS)
- 10 PIPE UNDERDRAINS FOR STRUCTURES 6"
- 11 CONCRETE GUTTER (SPECIAL)
- 12 PCC SHOULDERS 6"
- 13 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 14 GRANULAR BACKFILL FOR STRUCTURES
- A EARTH EXCAVATION
- B EXISTING GROUND

+ NOTE: PCC SHOULDERS SHALL HAVE LONGITUDINAL TING AS PER BDE SPECIAL PROVISION, WHICH SHALL BE INCLUDED IN THE COST OF PCC SHOULDERS 6".

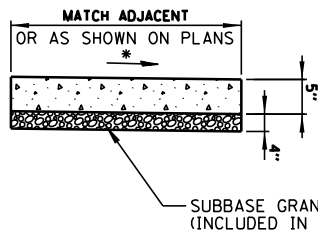
HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	OMP
MULTI-USE PATH HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 4" (IN TWO LIFTS)	4% @ 50 GYR.	LR 1030-2
PAVEMENT RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM), 2"	4% @ 50 GYR.	LR 1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

MIXTURE REQUIREMENT NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SY/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED RECLAIMED MATERIAL SPECIFICATIONS.

NOTES:

- CONTRACTOR SHALL REMOVE AND REPLACE ANY UNSUITABLE MATERIAL UNDER SIDEWALK AND CURB AND GUTTER AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.
- AGGREGATE BASE REPAIR (SUBBASE GRANULAR MATERIAL, TYPE B) UNDER PATH, SIDEWALKS, AND CURB AND GUTTER WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. COST SHALL BE INCLUDED IN AGGREGATE SUBGRADE IMPROVEMENT.
- ADDITIONAL STONE BACK FILLING SHALL BE INCLUDED IN THE COST FOR CURB AND GUTTER (SPECIAL).
- THE DEPTH OF EXCAVATION VARIES. PLEASE SEE CROSS SECTIONS/PROFILE FOR MEASUREMENTS AND CUT/FILL QUANTITIES. DEPTHS SHALL BE VERIFIED IN THE FIELD PRIOR TO EXCAVATION.



* CROSS SLOPE 2% MAX OR AS SHOWN ON CROSS SECTIONS

SUBBASE GRANULAR MATERIAL, TYPE B, 4"
(INCLUDED IN COST OF SIDEWALK)

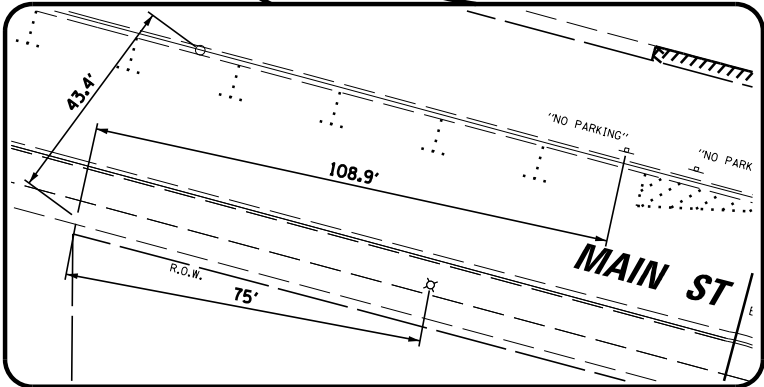
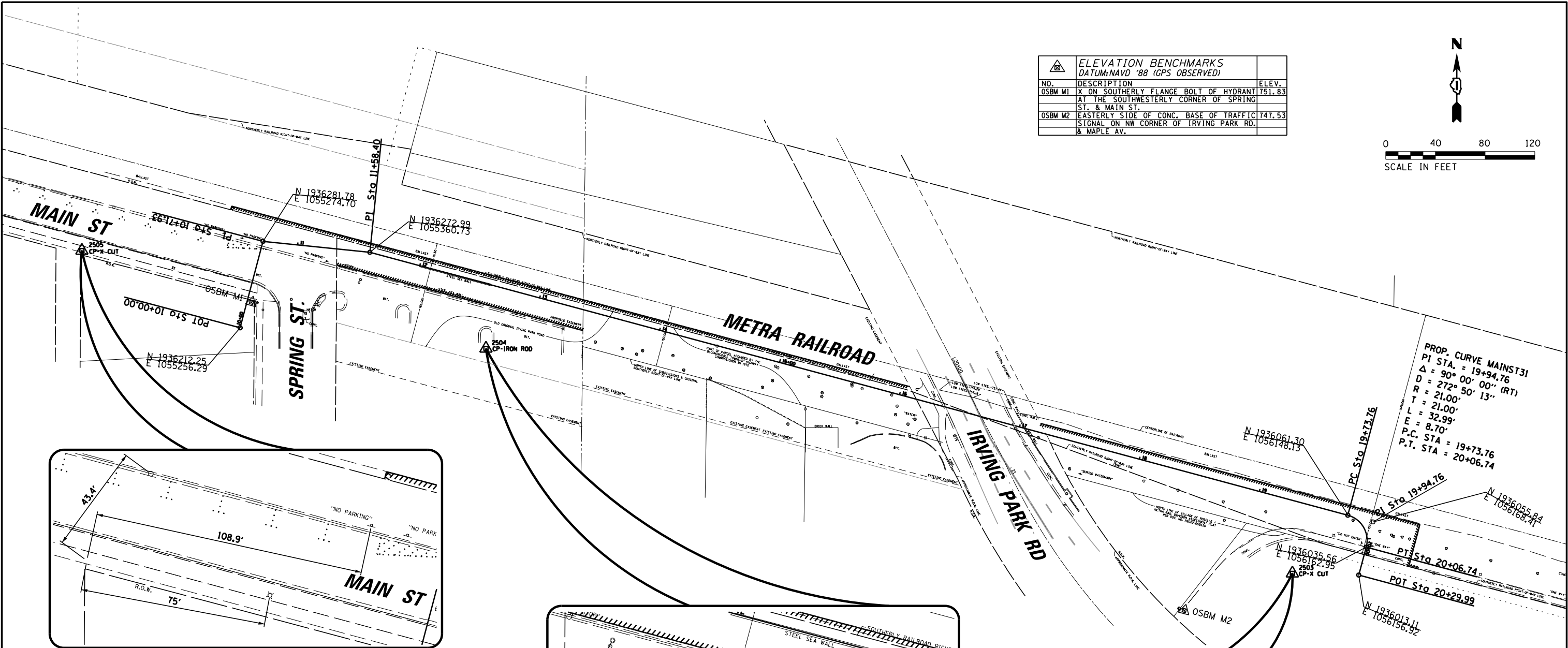
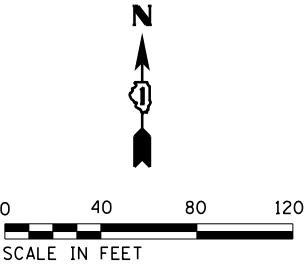
P.C.C. SIDEWALK 5 INCH
NOT TO SCALE

NOTE:
ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH.

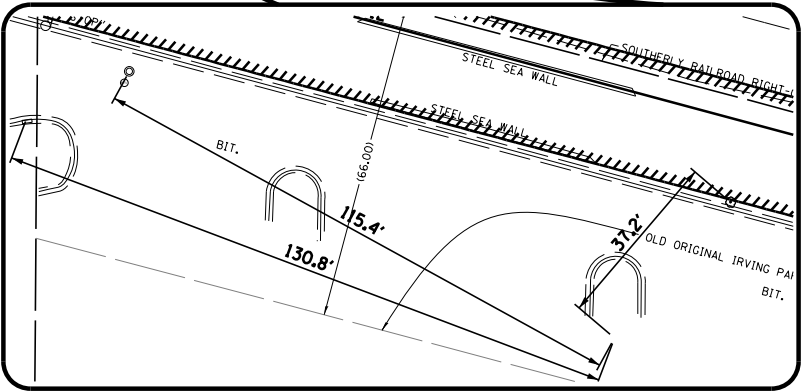
Default
FILE NAME = N:\ROSELLE\250030\Civil\TYP-250030.dwt

 CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH TYPICAL SECTIONS					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = NTS	DRAWN -	REVISED -							1321	23-00064-00-BT	DUPAGE	82	6
	PLOT DATE = 8/31/2026	CHECKED -	REVISED -		CONTRACT NO. 61M54									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET 1	OF 1 SHEETS	STA. 11+00	TO STA. 19+75					

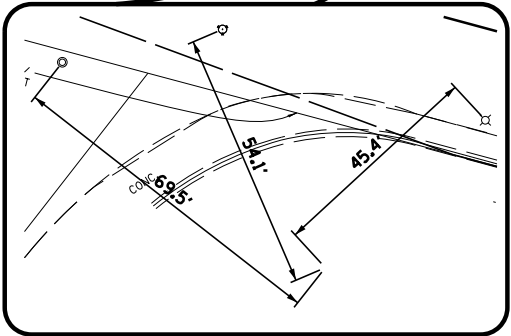
ELEVATION BENCHMARKS DATUM: NAVD '88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM M1	X ON SOUTHERLY FLANGE BOLT OF HYDRANT AT THE SOUTHWESTERLY CORNER OF SPRING ST. & MAIN ST.	751.83
OSBM M2	EASTERLY SIDE OF CONC. BASE OF TRAFFIC SIGNAL ON NW CORNER OF IRVING PARK RD. & MAPLE AV.	747.53



CP 2505
N 1936274.31, E 1055128.87
Sta 10+27.37, Off = 139.06' Rt



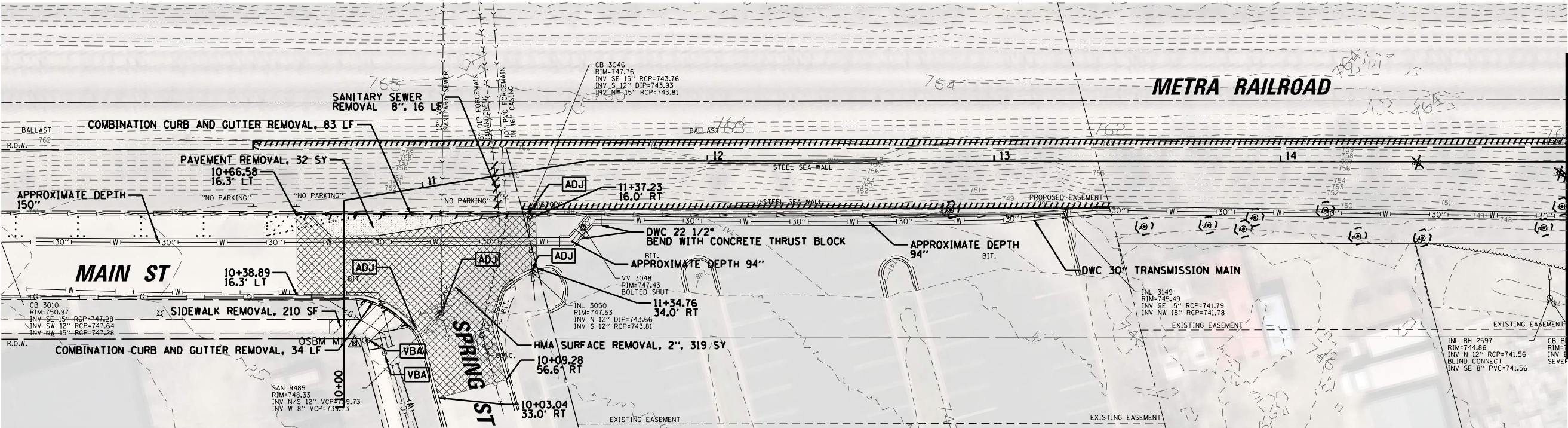
CP 2504
N 1936195.47, E 1055454.23
Sta 12+68.82, Off = 50.59' Rt



CP 2503
N 1936014.40, E 1056103.52
Sta 20+29.99, Off = 51.90' Rt

Default
FILE NAME = N:\ROSELLE\250030\Civil\BNH-250030.dwg

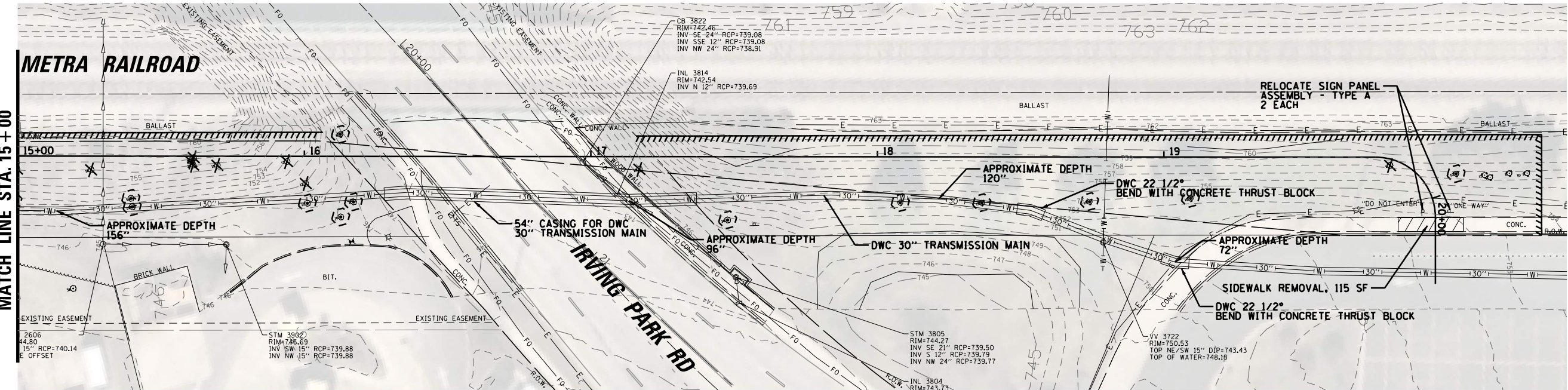
CBB CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH ALIGNMENT, TIES, AND BENCHMARKS			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80'	DRAWN -	REVISED -					1321	23-00064-00-BT	DUPAGE	82	7
	PLOT DATE = 8/31/2026	CHECKED -	REVISED -					CONTRACT NO. 61M54				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 1 OF 1 SHEETS	STA. 10+00 TO STA. 20+30					



MATCH LINE STA. 15 + 00

LEGEND

- | | | | |
|-------------------------------|-------------------------------------|--|--|
| | • SIDEWALK REMOVAL | | STRUCTURES TO BE ADJUSTED |
| | • HMA SURFACE REMOVAL, 2" | | VALVE BOXES TO BE ADJUSTED |
| | • PAVEMENT REMOVAL | | TEMPORARY FENCE OR TREE TRUNK PROTECTION |
| | • COMBINATION CURB & GUTTER REMOVAL | | TREE ROOT PRUNING |
| | SEWER REMOVAL | | TREE PRUNING |
| (• AS DIRECTED BY ENGINEER) | | | MULCH PLACEMENT, 3" |
| | | | TREE REMOVAL |

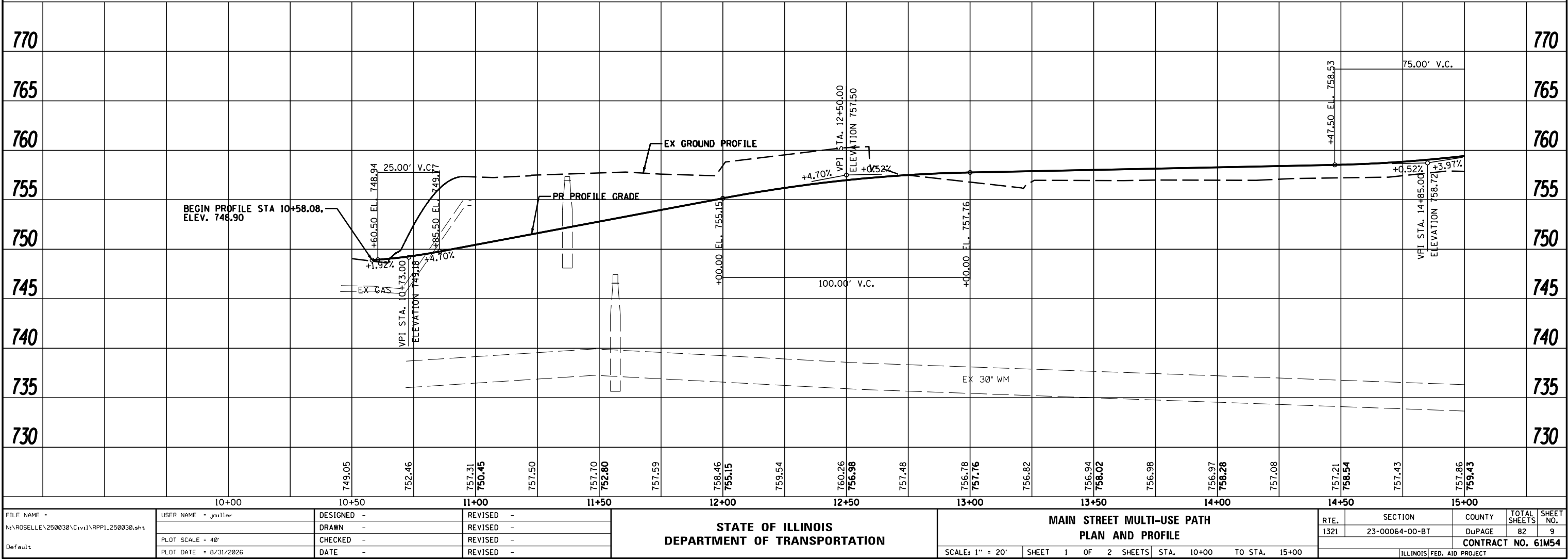
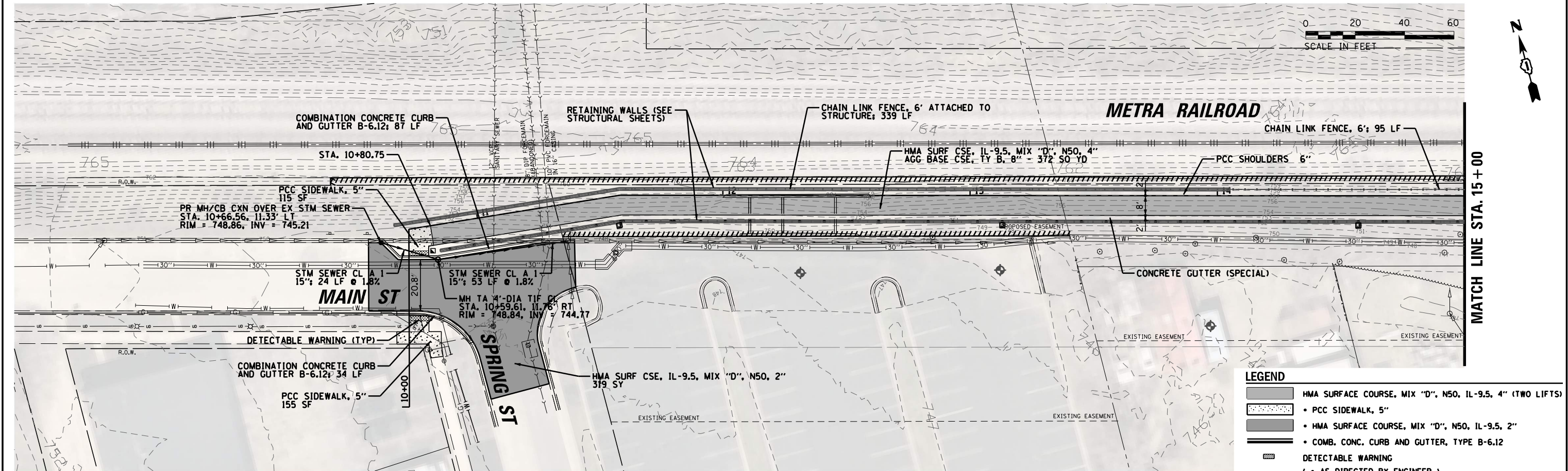


Default
FILE NAME = N:\ROSELLE\2500330\Civil\REM_2500330.sht

CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH EXISTING CONDITIONS AND REMOVAL PLAN					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40'	DRAWN -	REVISED -							1321	23-00064-00-BT	DUPAGE	82	8
	PLOT DATE = 8/31/2026	CHECKED -	REVISED -							CONTRACT NO. 61M54				
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 1 OF 1 SHEETS		STA. 10+00 TO STA. 20+30										

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	FILE NAME		

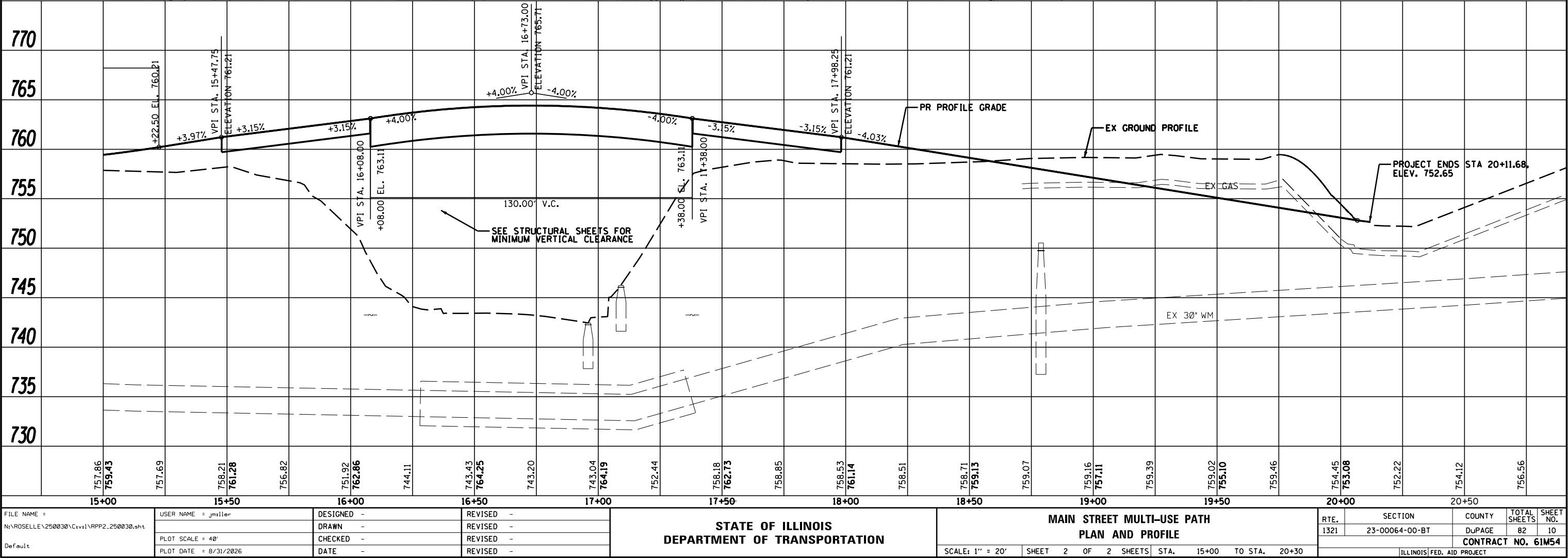
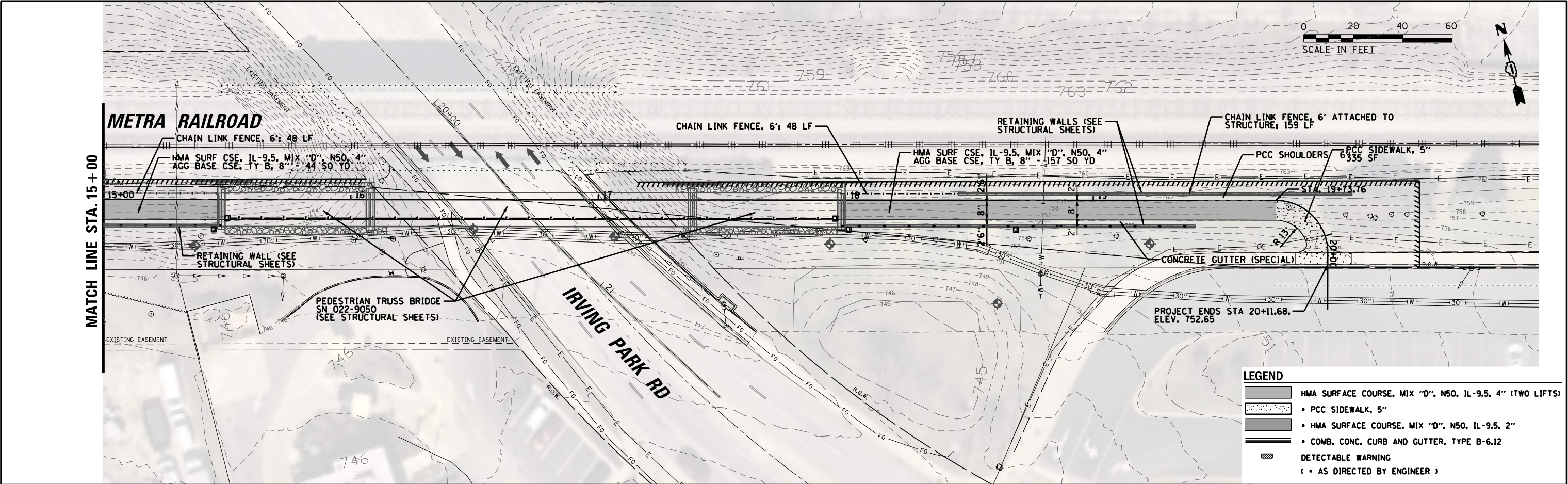
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE	NOTATION	CHKD



FILE NAME =	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		MAIN STREET MULTI-USE PATH PLAN AND PROFILE		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Civil\RPPI_250030.sht		DRAWN -	REVISED -					1321	23-00064-00-BT	DuPAGE	82	9
Default	PLOT SCALE = 40'	CHECKED -	REVISED -							CONTRACT NO. 61M54		
	PLOT DATE = 8/31/2026	DATE -	REVISED -			SCALE: 1" = 20'		SHEET 1 OF 2 SHEETS		STA. 10+00 TO STA. 15+00		ILLINOIS FED. AID PROJECT

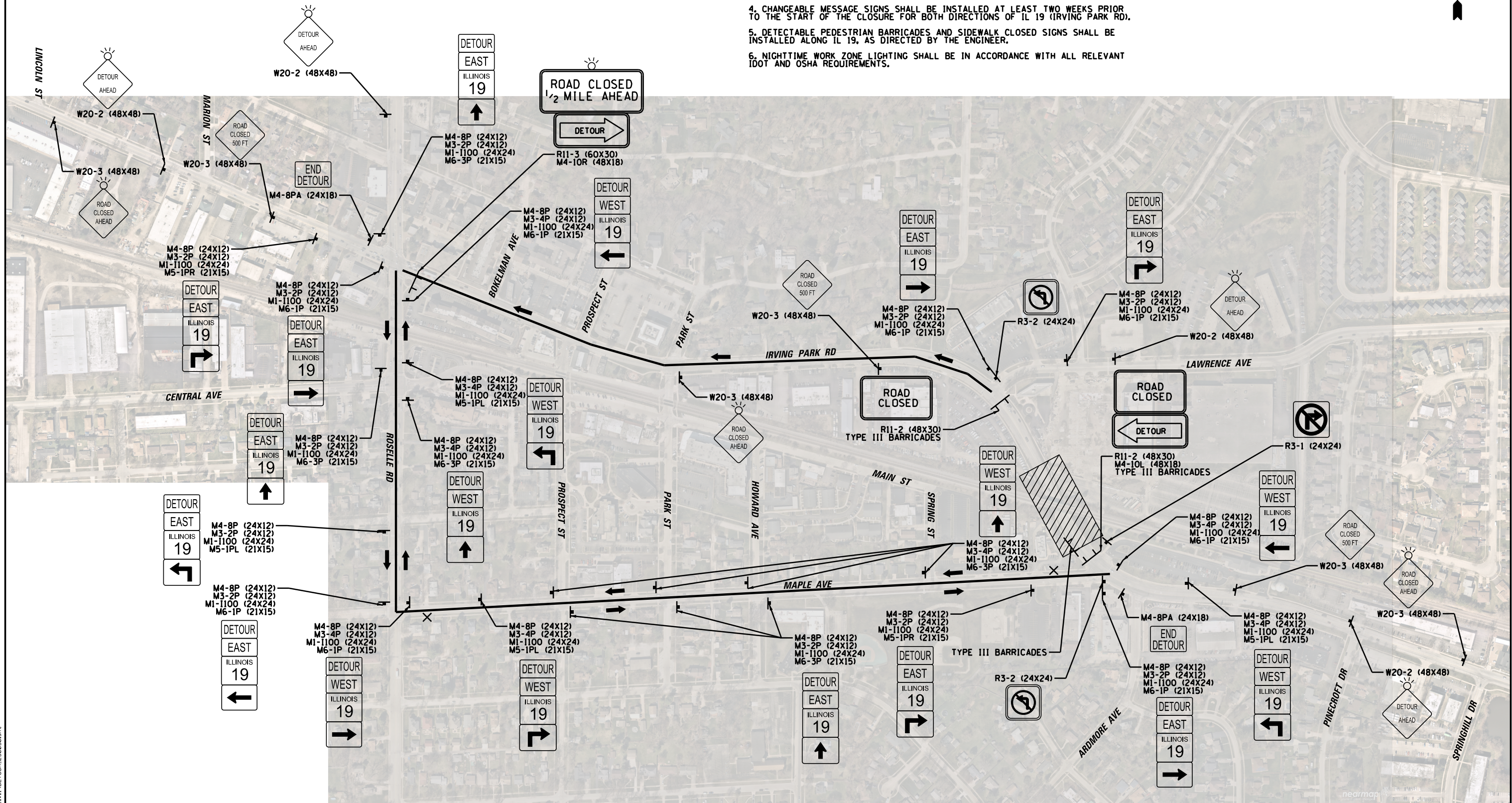
PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

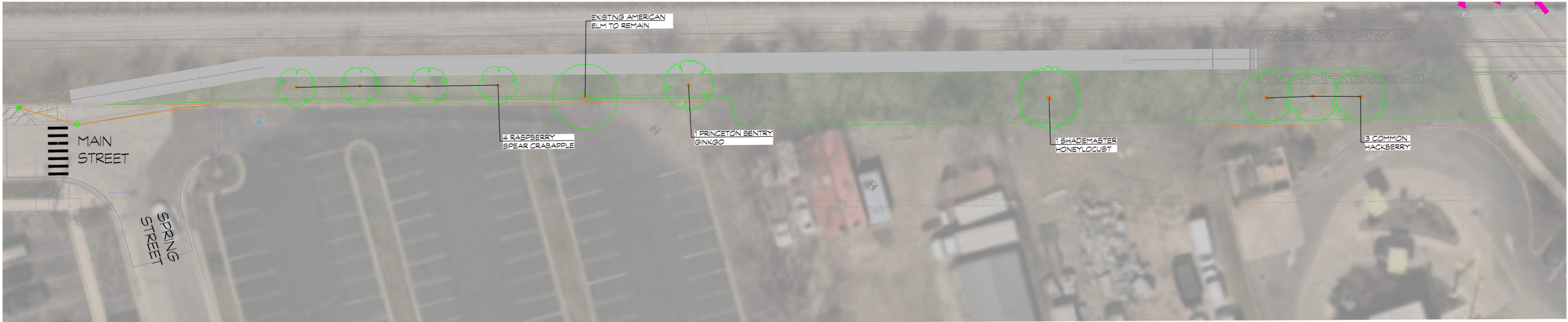
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		



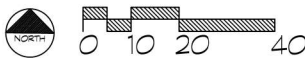
FILE NAME = N:\ROSELLE\250030\Civil\IRPP2.250030.sht	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH PLAN AND PROFILE		RT. 1321	SECTION 23-00064-00-BT	COUNTY DuPAGE	TOTAL SHEETS 82	SHEET NO. 10
Default	PLOT SCALE = 48"	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS	STA. 15+00 TO STA. 20+30	CONTRACT NO. 61M54			
	PLOT DATE = 8/31/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

1. CLOSURE DURATION SHALL BE TWO NIGHTS (BETWEEN 8:00 PM AND 5:00 AM) ONLY.
2. SIGN SPACING SHALL FOLLOW TC-21.
3. LOCATION OF EXISTING "WEIGHT LIMIT 5 TONS" SIGNS THAT WILL NEED TO BE COVERED WHILE DETOUR ROUTE IS IN USE ARE MARKED ON THESE PLANS BY "X".
4. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AT LEAST TWO WEEKS PRIOR TO THE START OF THE CLOSURE FOR BOTH DIRECTIONS OF IL 19 (IRVING PARK RD).
5. DETECTABLE PEDESTRIAN BARRICADES AND SIDEWALK CLOSED SIGNS SHALL BE INSTALLED ALONG IL 19, AS DIRECTED BY THE ENGINEER.
6. NIGHTTIME WORK ZONE LIGHTING SHALL BE IN ACCORDANCE WITH ALL RELEVANT IDOT AND OSHA REQUIREMENTS.

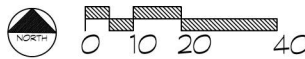




LANDSCAPE TREE PLAN



LANDSCAPE TREE PLAN

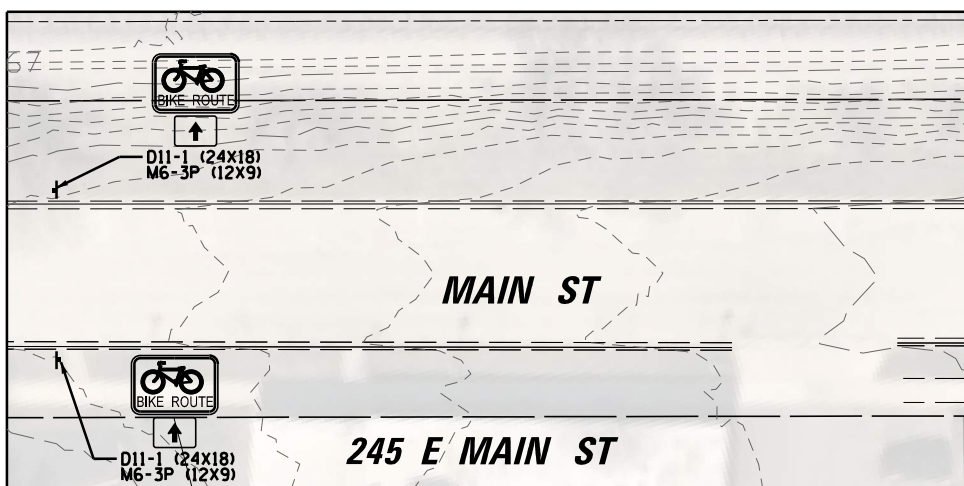
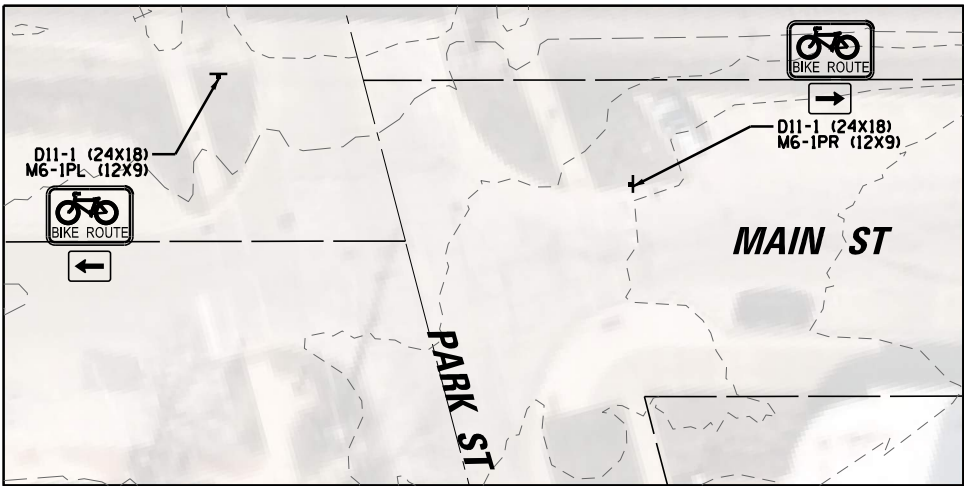
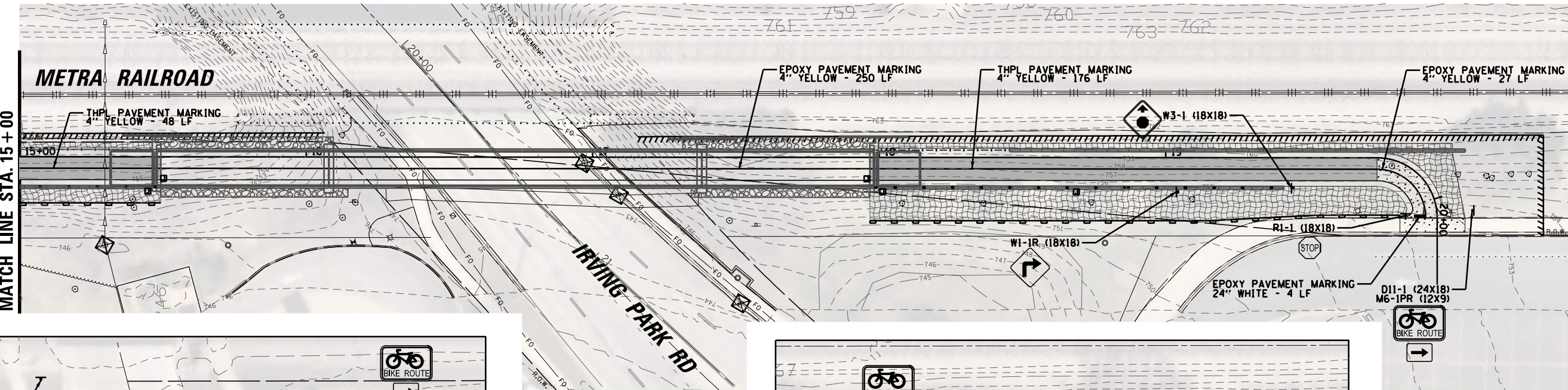
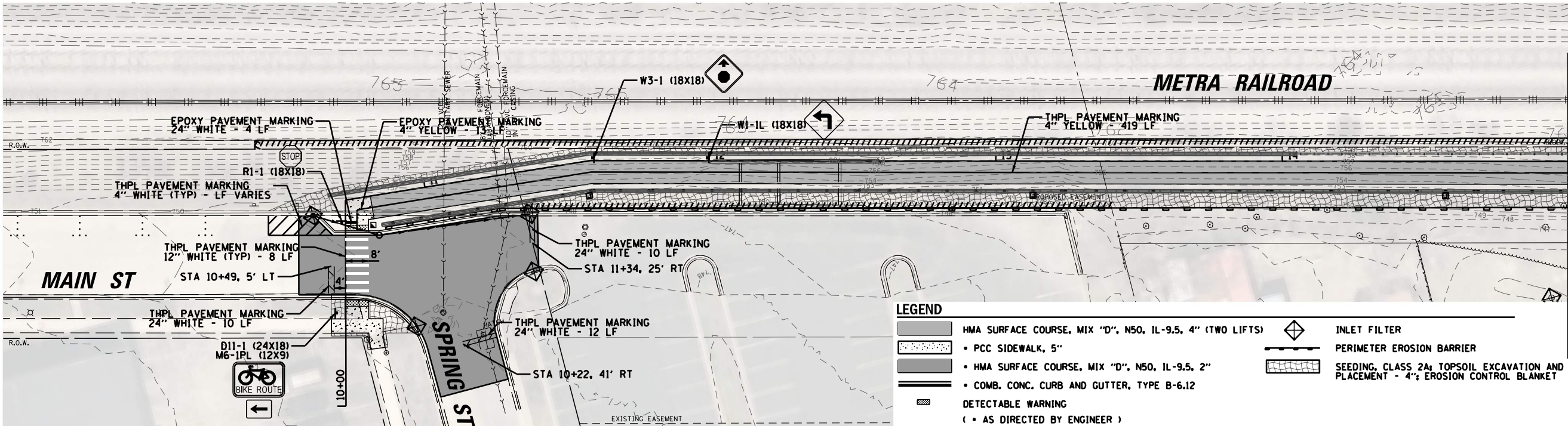


PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
TREES					
	AES GJN	Aesculus glabra 'JN Select' / Early Glow™ Ohio Buckeye	2.5' Cal.	B&B	1
	CE OC	Celtis occidentalis / Common Hackberry	2.5' Cal.	B&B	3
	GI BI	Ginkgo biloba 'Princeton Sentry' / Princeton Sentry Maidenhair Tree	2.5' Cal.	B&B	2
	GL TR	Gleditsia triacanthos inermis 'Shademaster' / Shademaster Honey Locust	2.5' Cal.	B&B	2
	LI TU	Liriodendron tulipifera 'JFS-Oz' / Emerald City® Tulip Poplar	2.5' Cal.	B&B	2
	MA RA	Malus x JFS KW213™X / Raspberry Spear® Crabapple	2' Cal.	B&B	4

Default
FILE NAME = N:\ROSELLE\250030\Civil\SP-250030.dwg

CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 9576 W Higgins Road, Suite 400 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmlr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH PROPOSED LANDSCAPING - TREE PLAN AND SCHEDULE			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	1321					23-00064-00-BT	DUPAGE	82	12	
	PLOT SCALE = 40'	CHECKED -	REVISED -		CONTRACT NO. 61M54							
	PLOT DATE = 8/31/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE: SHEET 1 OF 1 SHEETS STA. 10+00 TO STA. 20+30							



Default
FILE NAME = N:\ROSELLE\2500330\Civil\ERO_2500330.dwg

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40"	CHECKED -	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

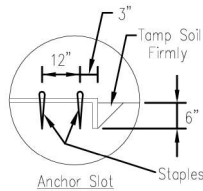
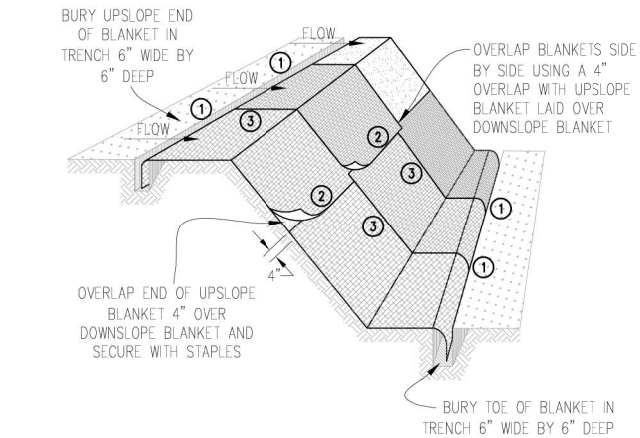
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET MULTI-USE PATH
EROSION CONTROL, LANDSCAPING, AND PAVEMENT MARKING PLAN

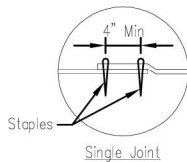
SCALE: SHEET 1 OF 1 SHEETS STA. 10+00 TO STA. 20+30

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	13
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

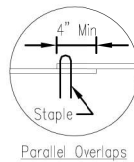
AUTOCAD2006



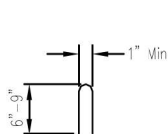
DETAIL 1



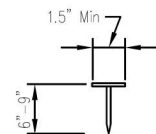
DETAIL 2



DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

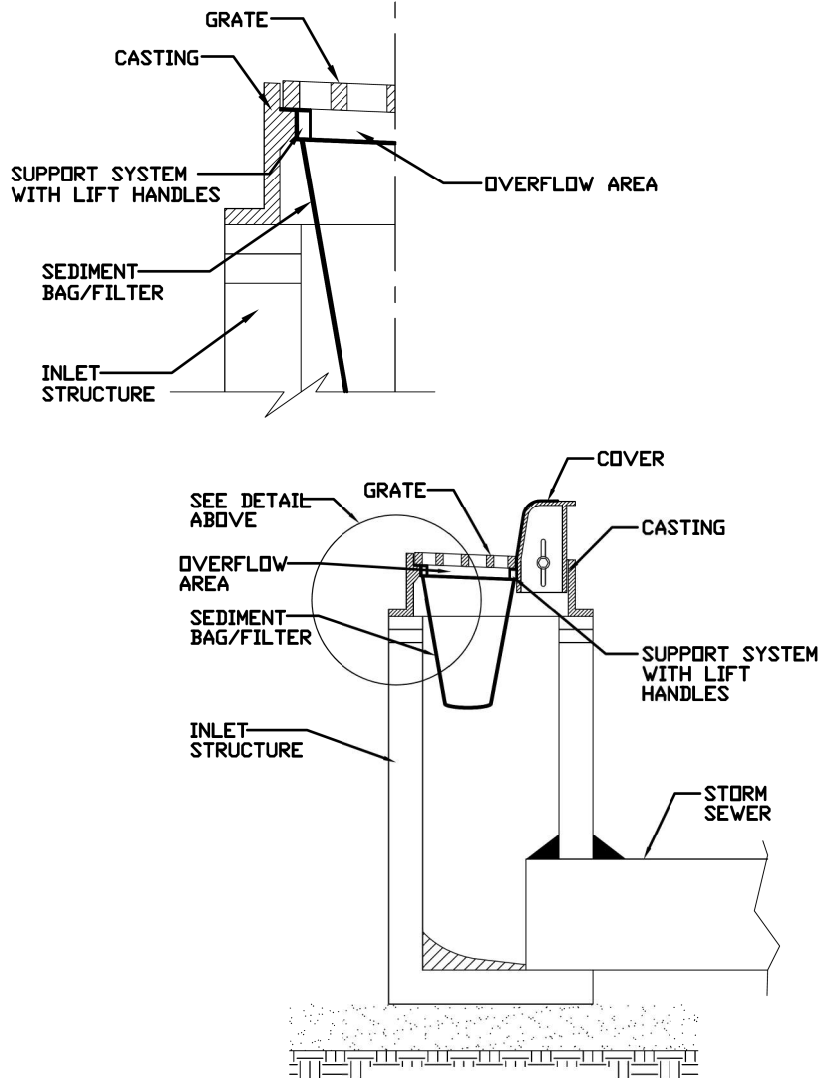
NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stiched blankets. Non-stiched shall use 4 staples per s.y. of material. This equates to 200 staples with stiched blanket and 400 staples with non-stiched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be pced in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

EROSION CONTROL
BLANKET INSTALLATION DETAILS

Designed _____ Date _____
Drawn B. JOHNSON 11/08
Checked _____
Approved _____

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION

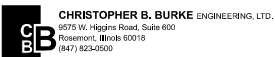


REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

Default
FILE NAME = N:\ROSELLE\250030\Civil\NECP DET1_250030.dwg



USER NAME = jmlr
PLOT SCALE = 2"
PLOT DATE = 8/31/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

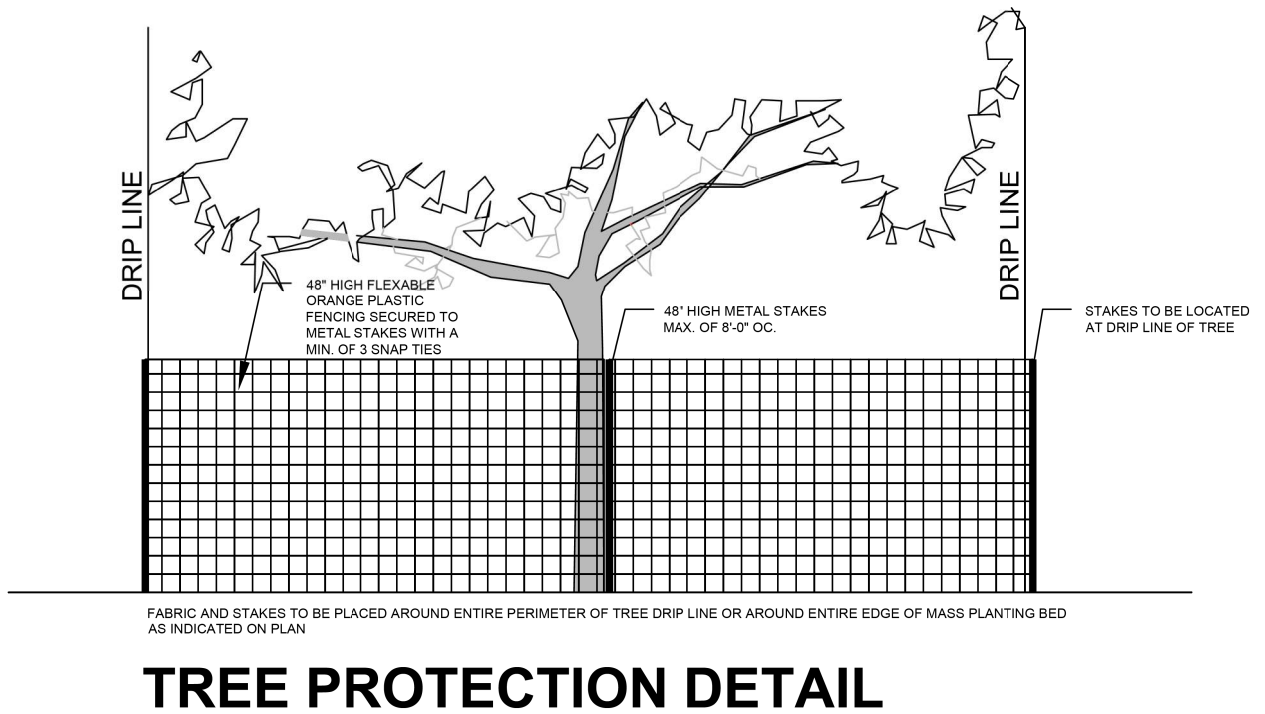
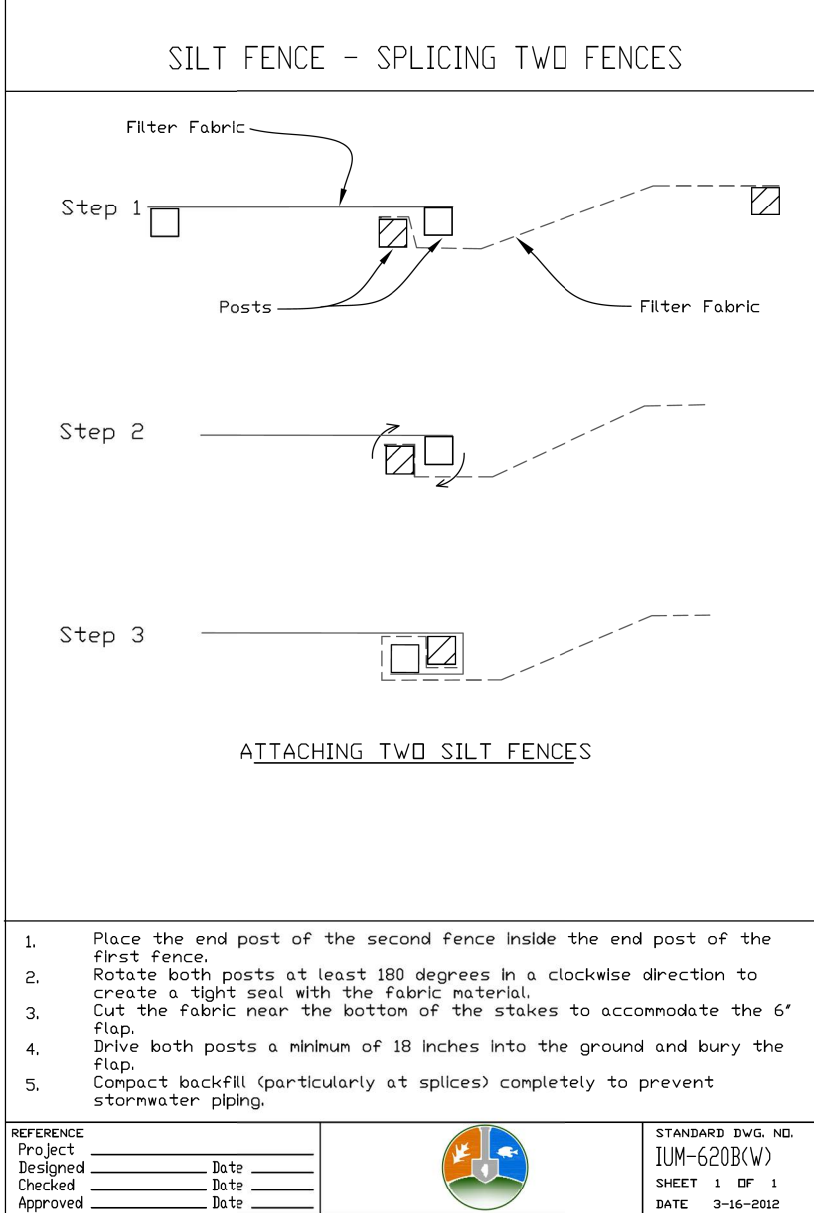
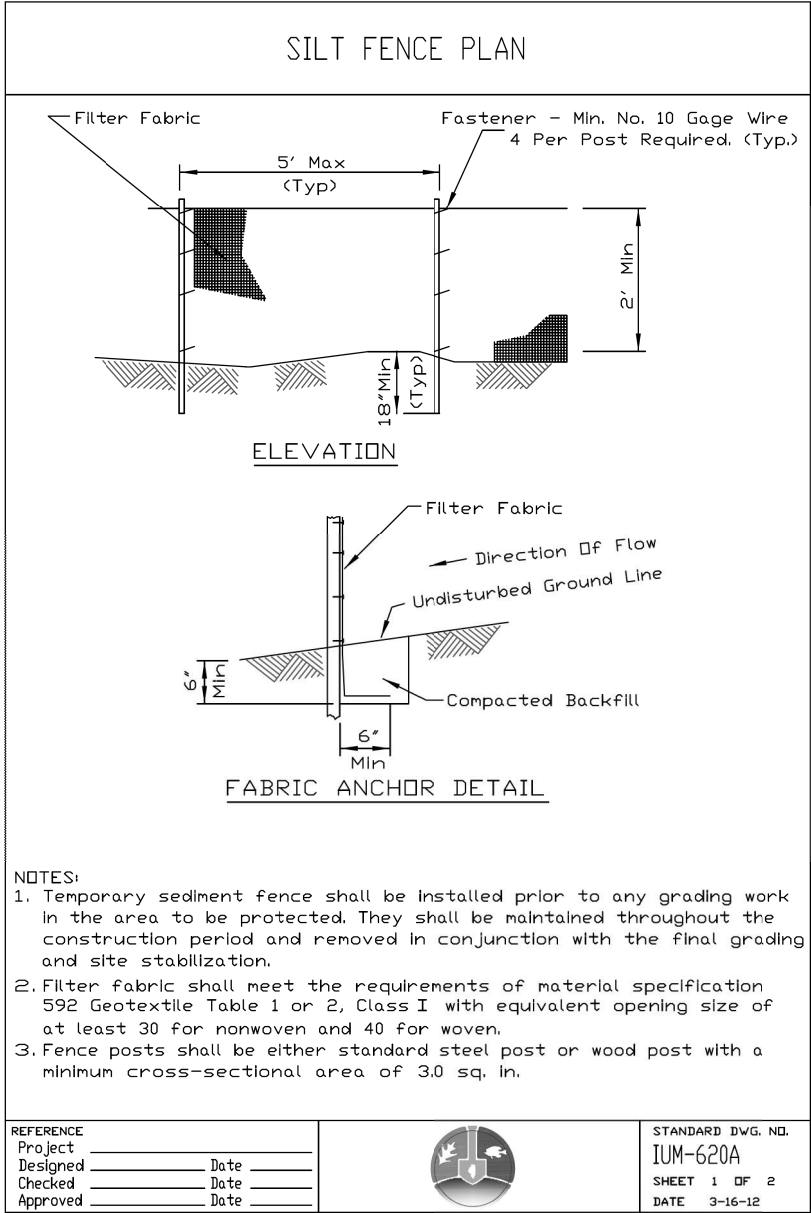
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET MULTI-USE PATH
EROSION CONTROL DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT		82	14
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

Default
FILE NAME = N:\ROSELLE\250030\Civil\NECP DET12_250030.dwg

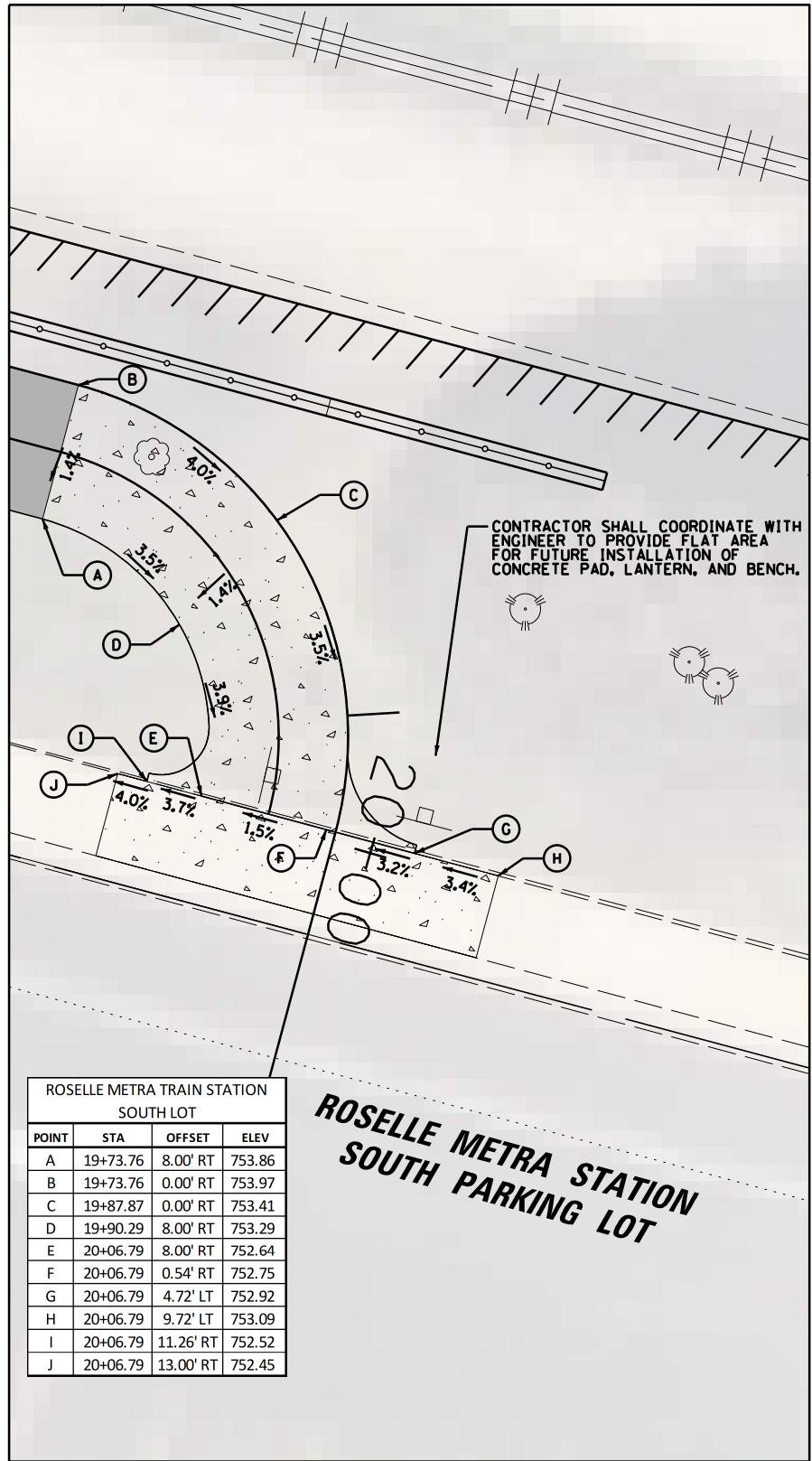
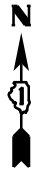


NORTHWEST CORNER OF MAIN ST AND SPRING ST			
POINT	STA	OFFSET	ELEV
A	10+68.16	16.33' LT	(749.32)
B	10+66.58	16.33' LT	(748.96)
C	10+66.56	11.33' LT	(748.86)
D	10+68.14	10.68' LT	(749.23)
E	10+61.19	3.73' LT	749.19
F	10+59.61	4.38' LT	(748.94)
G	10+59.61	0.00' RT	748.92
H	10+61.19	0.00' RT	748.92
I	10+65.09	0.00' RT	748.99
J	10+71.93	0.00' RT	749.07
K	10+80.01	0.00' RT	749.11
L	10+65.09	7.99' RT	748.95
M	10+61.19	8.00' RT	748.88
MB	10+61.19	11.61' RT	749.09
N	10+59.61	8.00' RT	748.88
NB	10+59.61	11.76' RT	748.84
O	11+24.90	14.00' RT	(747.93)
P	11+25.03	12.42' RT	(748.35)
Q	11+34.85	14.04' RT	(748.22)
R	11+34.59	15.60' RT	(747.79)
S	11+37.23	16.04' RT	(747.76)
T	11+37.45	14.47' RT	(748.19)
U	10+49.21	0.00' RT	749.07
V	10+49.21	8.00' RT	749.03

CONTRACTOR SHALL COORDINATE WITH
ENGINEER TO PROVIDE FLAT AREA
FOR FUTURE INSTALLATION OF
CONCRETE PAD, LANTERN, AND BENCH.

SOUTHWEST CORNER OF MAIN ST AND SPRING ST			
POINT	STATION	OFFSET	ELEV
W	10+37.26	5.00 LT	(749.15)
X	10+38.84	5.00 LT	(748.90)
Y	10+38.82	0.00' RT	(748.84)
Z	10+37.23	0.00' RT	748.84
AA	10+30.45	0.00' RT	(749.00)
BB	10+30.45	5.00 LT	(749.04)
CC	10+25.45	5.00 LT	(749.18)
DD	10+25.45	0.00' RT	(749.07)
EE	10+25.45	8.00' RT	748.91
FF	10+25.45	13.00' RT	748.81
GG	10+30.45	13.00' RT	748.77
HH	10+30.45	8.00' RT	748.88
II	10+36.82	8.00' RT	748.73
JJ	10+38.42	8.00' RT	(748.73)
KK	10+26.27	25.81' RT	(748.07)
LL	10+25.45	24.45' RT	(748.32)
MM	10+19.79	8.67' RT	(748.94)
NN	10+20.45	13.66' RT	(748.68)

0 5 10 20
SCALE IN FEET



ROSELLE METRA TRAIN STATION SOUTH LOT			
POINT	STA	OFFSET	ELEV
A	19+73.76	8.00' RT	753.86
B	19+73.76	0.00' RT	753.97
C	19+87.87	0.00' RT	753.41
D	19+90.29	8.00' RT	753.29
E	20+06.79	8.00' RT	752.64
F	20+06.79	0.54' RT	752.75
G	20+06.79	4.72' LT	752.92
H	20+06.79	9.72' LT	753.09
I	20+06.79	11.26' RT	752.52
J	20+06.79	13.00' RT	752.45

Default
FILE NAME = N:\ROSELLE\250030\Civil\ADA_250030.dwg

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler
PLOT SCALE = 1/8"
PLOT DATE = 8/31/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET MULTI-USE PATH
ADA GRADING DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	16
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

LIGHTING GENERAL NOTES

1. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY EQUIPMENT. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE AT (800) 892-0123.
2. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD AND UNDERGROUND ELECTRIC UTILITIES SHALL CALL COM ED FOR LOCATION APPROVAL AND MINIMUM CLEARANCE REQUIREMENTS.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:

A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS PREPARED BY IDOT.

B. "THE NATIONAL ELECTRICAL CODE".

C. MUNICIPAL CODES & STANDARDS.
5. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTAL'S HAVE BEEN REVIEWED BY THE ENGINEER. EQUIPMENT SUBMITTALS SHALL BE REVIEWED BY THE ENGINEER AND/OR THE VILLAGE PRIOR TO BEING SUBMITTED FOR LOCAL ROADS REVIEW
6. ALL UNDERGROUND CONDUITS SHALL BE INSTALLED BY DIRECTIONAL BORING METHOD. SOME LOCATIONS MAY REQUIRE TRENCHING AND/OR HAND DIGGING. CONTRACTOR SHALL PROVIDE PRIOR NOTICE TO ENGINEER BEFORE TRENCHING.
7. ALL UNDERGROUND WIRING SHALL BE XLP TYPE-USE, EXTRA ABRASION RESISTANCE, 600 VOLTS, BURIED A MINIMUM 30 INCHES BELOW FINISHED GRADE, FOLLOWING THE ROADWAY OR SIDEWALK EDGE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE.
9. THE CONTRACTOR SHALL STAKE EQUIPMENT LOCATIONS PRIOR TO REQUESTING A JULIE UTILITY LOCATE. ONCE ALL LOCATIONS ARE STAKED THE CONTRACTOR SHALL SET UP A MEETING WITH THE VILLAGE AND ENGINEER FOR EQUIPMENT LOCATION APPROVAL.
10. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHTING, UNDERGROUND CONDUITS/WIRING, HANDHOLES, JUNCTION BOXES & CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
11. UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.
12. LIGHTING SHALL BE OPERATIONAL EVERY NIGHT, DUSK TO DAWN.

LIGHTING BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	40
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	330
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	315
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	330
CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	650
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	2
HANDHOLE, COMPOSITE CONCRETE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4100
PEDESTRIAN BRIDGE LIGHTING SYSTEM	LSUM	1
POTHOLING	EACH	3
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

ABBREVIATIONS

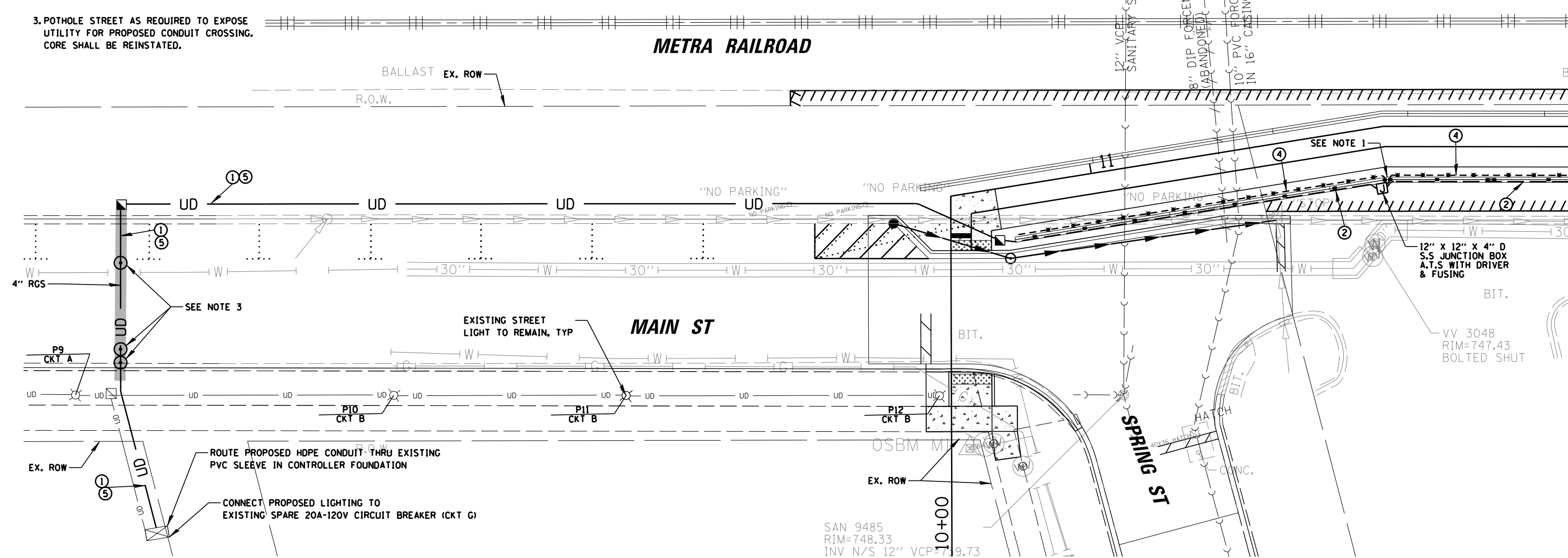
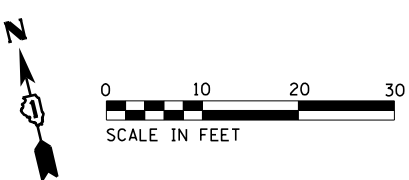
A	AMPS	HH	HAND HOLE
ATS	ATTACHED TO STRUCTURE	HPS	HIGH PRESSURE SODIUM
BOC	BACK OF CURB	PVC	POLYVINYL CHLORIDE
CKT	CIRCUIT	RGS	RIGID GALVANIZED STEEL
DIA	DIAMETER	ROW	RIGHT OF WAY
FT	FOOT	STA	STATION
FOC	FACE OF CURB	V	VOLTS
GND	GROUND	W	WATTS
HD	HEAVY DUTY		
HDPE	HIGH DENSITY POLYETHYLENE		

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

THE VILLAGE OF ROSELLE WILL OWN AND MAINTAIN THE PROPOSED LIGHTING SYSTEMS.

- NOTES:
1. LOW VOLTAGE WIRING FROM DRIVER TO BOTTOM OF RAIL POST SHALL BE IN 1" SCH W 40 PVC.
 2. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT TO CARRY LOW VOLTAGE WIRING ACROSS RAIL POSTS OF SEPERATE STRUCTURES.
 3. POTHOLE STREET AS REQUIRED TO EXPOSE UTILITY FOR PROPOSED CONDUIT CROSSING. CORE SHALL BE REINSTATED.



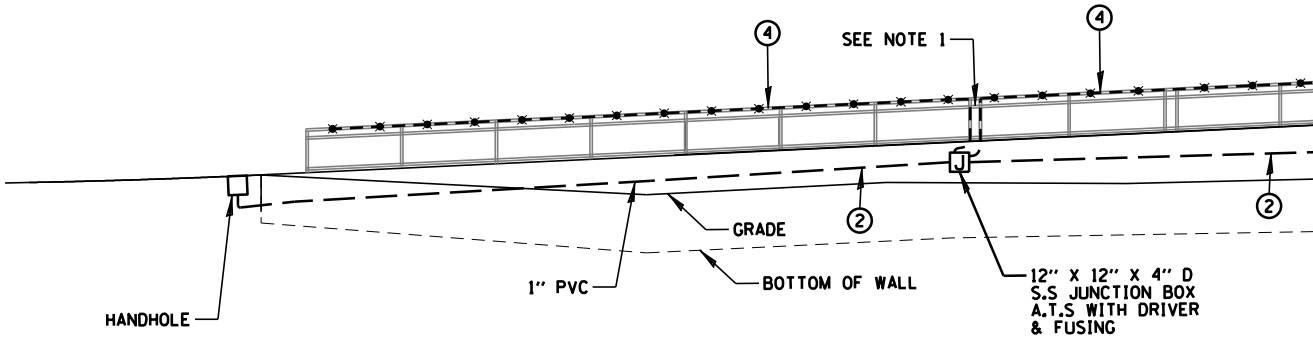
PLAN

CONDUCTOR /CONDUIT SCHEDULE

- 1 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH40 HDPE CONDUIT UNDERGROUND
- 2 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH 40 PVC CONDUIT EMBEDDED IN CONCRETE WALL
- 3 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" PVC COATED RGS CONDUIT ATTACHED TO STRUCTURE
- 4 2-1/C #14 XLP-TYPE USE CABLES (LOW VOLTAGE) IN HAND RAIL
- 5 TONABLE PULL STRING IN 1/4" SCH40 HDPE CONDUIT UNDERGROUND

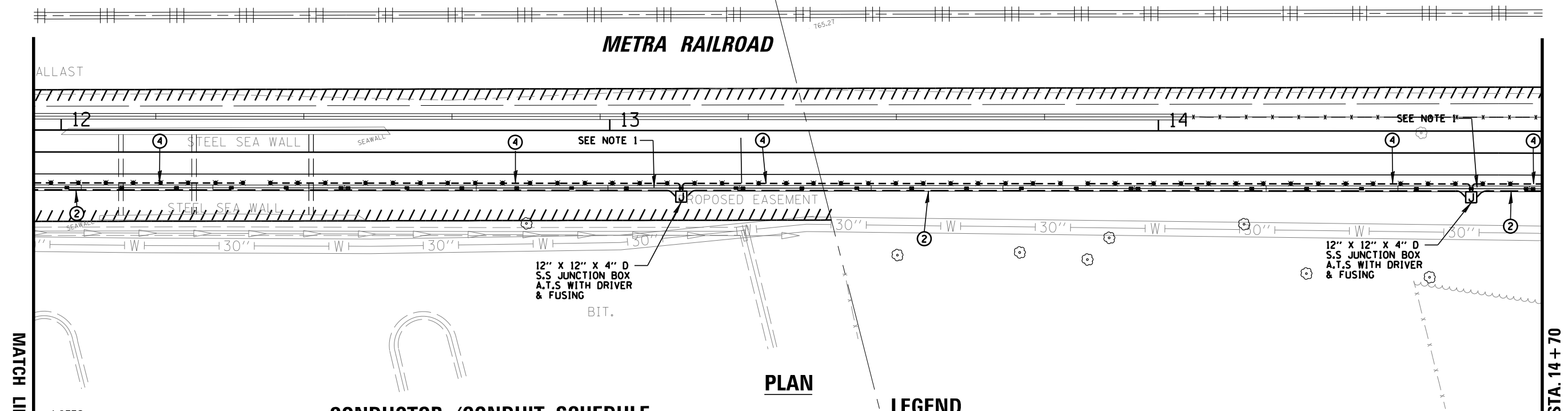
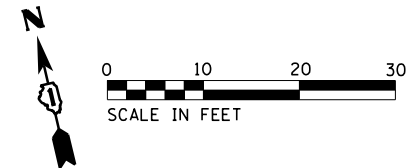
LEGEND

- UD — EXISTING HDPE CONDUIT/WIRE
- ⊗ EXISTING STREET LIGHT
- ⊠ EXISTING COMPOSITE CONCRETE HANDHOLE
- ⊞ EXISTING 100A 120/240V-1Ø LIGHTING CONTROLLER
- HD — PROPOSED HDPE CONDUIT
- RGS — RIGID GALVANIZED STEEL SLEEVE UNDER ROAD
- E — PROPOSED PVC CONDUIT EMBEDDED IN CONCRETE
- E — PROPOSED PVC COATED RGS ATTACHED TO STRUCTURE
- - - PROPOSED LOW VOLTAGE CABLE IN HANDRAIL
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- PROPOSED S.S JUNCTION BOX A.T.S
- * PROPOSED 2.7W-240VDC LED RAIL LUMINAIRE SPACED AT 5FT.



ELEVATION

FILE NAME =	USER NAME = jmlr	DESIGNED - AJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH LIGHTING PLAN (1 OF 4)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Mech\LGT_250030_01.shx		DRAWN - SEN	REVISED -					1321	23-00064-00-BT	DuPage	82	18
Default		CHECKED - AJD	REVISED -					CONTRACT NO. 61M54				
	PLOT DATE = 8/31/2026	DATE -	REVISED -		SCALE: 20'	SHEET 1 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



- NOTES:
1. LOW VOLTAGE WIRING FROM DRIVER TO BOTTOM OF RAIL POST SHALL BE IN 1" SCH W 40 PVC.
 2. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT TO CARRY LOW VOLTAGE WIRING ACROSS RAIL POSTS OF SEPERATE STRUCTURES.
 3. POTHOLE STREET AS REQUIRED TO EXPOSE UTILITY FOR PROPOSED CONDUIT CROSSING. CORE SHALL BE REINSTATED.

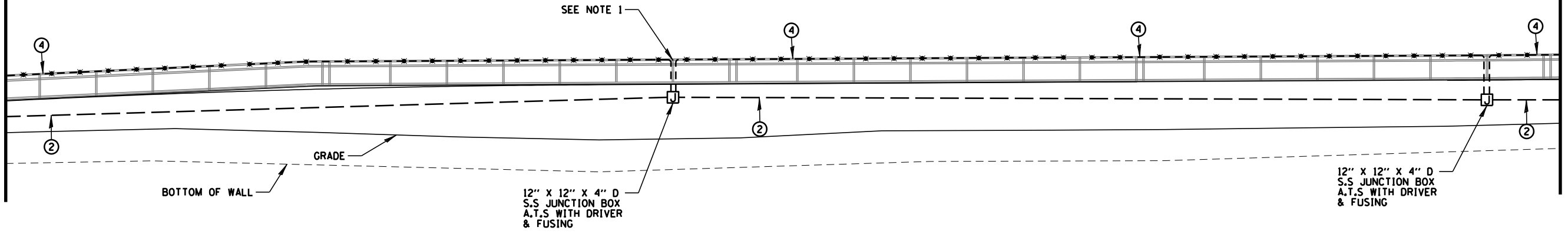
CONDUCTOR /CONDUIT SCHEDULE

- ① 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH40 HDPE CONDUIT UNDERGROUND
- ② 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH 40 PVC CONDUIT EMBEDDED IN CONCRETE WALL
- ③ 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" PVC COATED RGS CONDUIT ATTACHED TO STRUCTURE
- ④ 2-1/C #14 XLP-TYPE USE CABLES (LOW VOLTAGE) IN 3" X 3" HAND RAIL
- ⑤ TONABLE PULL STRING IN 1/4" SCH40 HDPE CONDUIT UNDERGROUND

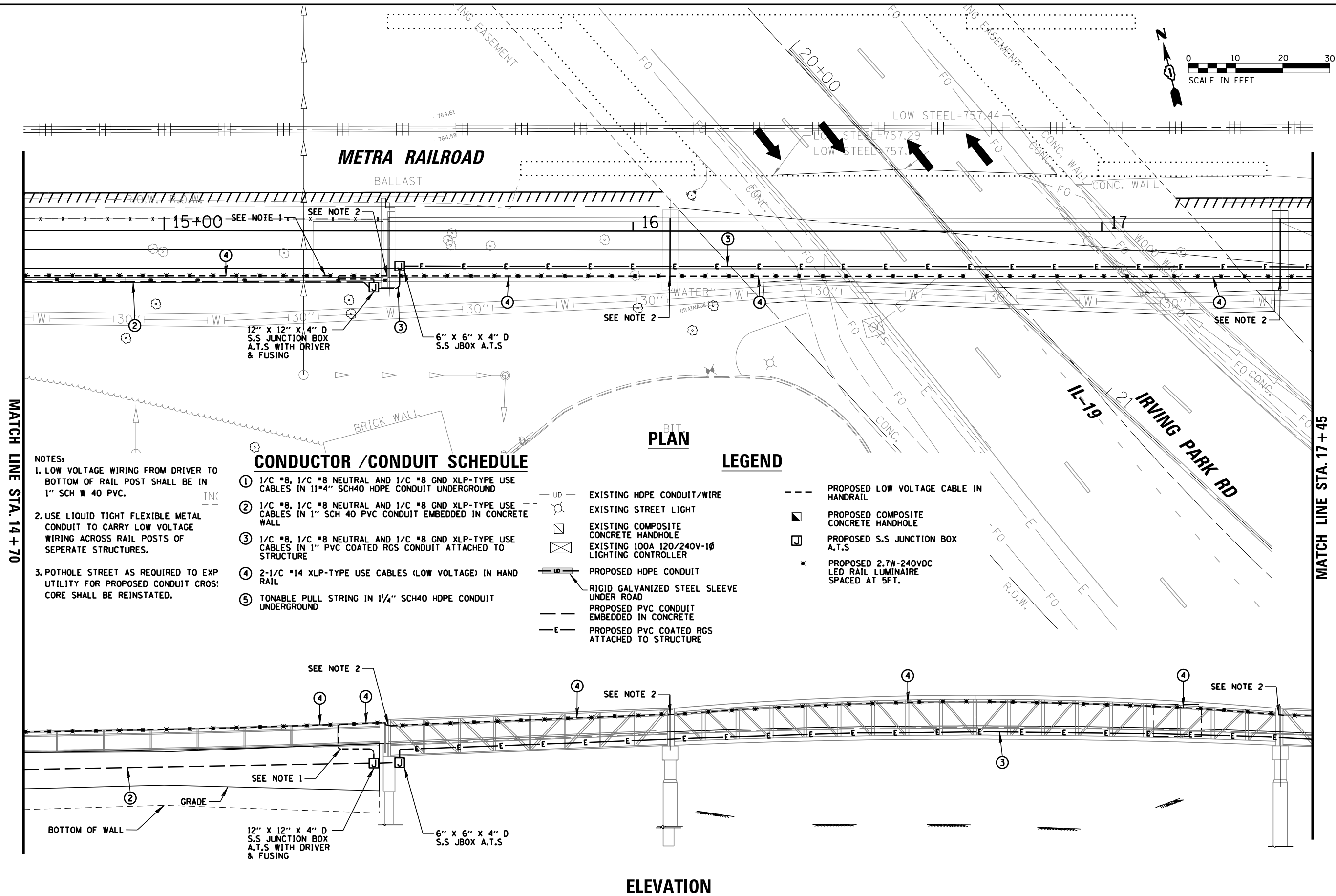
PLAN

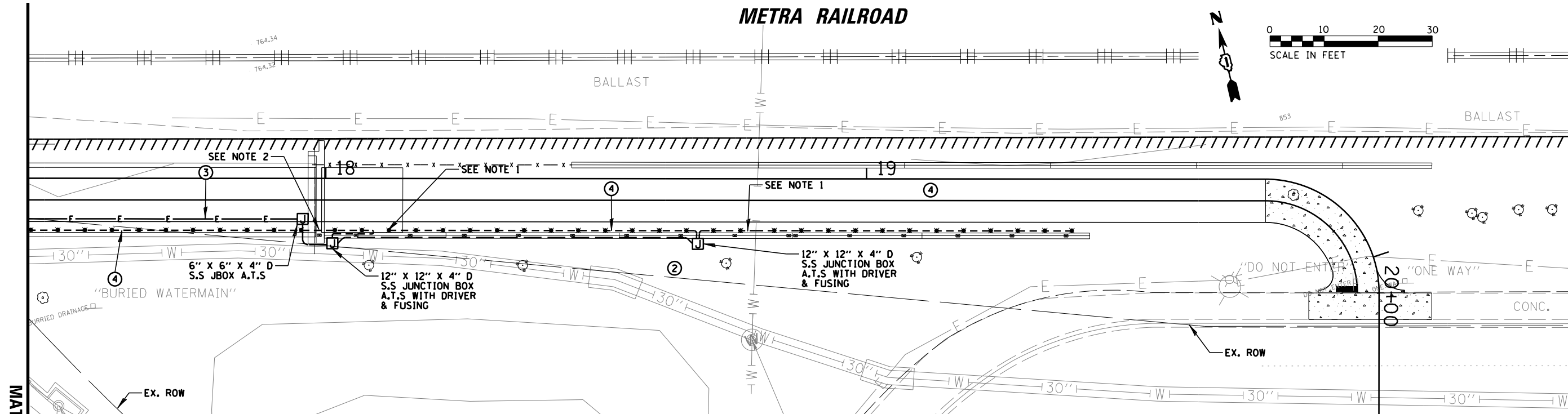
LEGEND

- UD — EXISTING HDPE CONDUIT/WIRE
- ⊗ EXISTING STREET LIGHT
- ⊠ EXISTING COMPOSITE CONCRETE HANDHOLE
- ⊞ EXISTING 100A 120/240V-1Ø LIGHTING CONTROLLER
- UD — PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE UNDER ROAD
- PROPOSED PVC CONDUIT EMBEDDED IN CONCRETE
- E — PROPOSED PVC COATED RGS ATTACHED TO STRUCTURE
- PROPOSED LOW VOLTAGE CABLE IN HANDRAIL
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- ⊞ PROPOSED S.S JUNCTION BOX A.T.S
- * PROPOSED 2.7W-240VDC LED RAIL LUMINAIRE SPACED AT 5FT.



ELEVATION





PLAN

CONDUCTOR /CONDUIT SCHEDULE

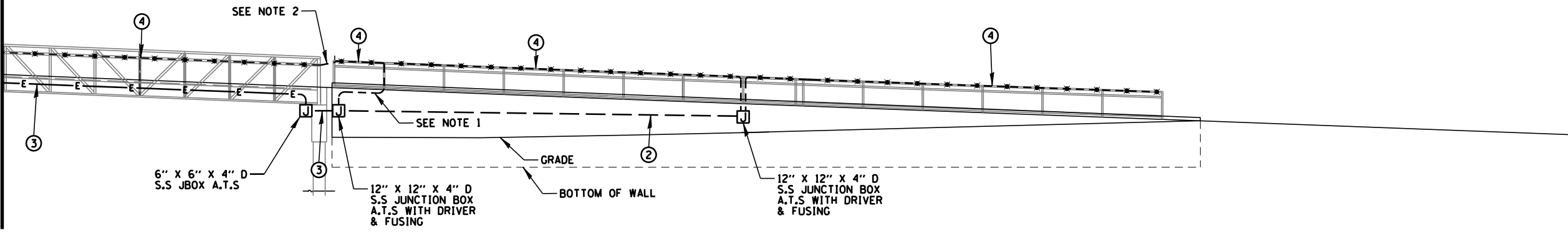
- ① 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH40 HDPE CONDUIT UNDERGROUND
- ② 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" SCH 40 PVC CONDUIT EMBEDDED IN CONCRETE WALL
- ③ 1/C #8, 1/C #8 NEUTRAL AND 1/C #8 GND XLP-TYPE USE CABLES IN 1" PVC COATED RGS CONDUIT ATTACHED TO STRUCTURE
- ④ 2-1/C #14 XLP-TYPE USE CABLES (LOW VOLTAGE) IN HAND RAIL
- ⑤ TONABLE PULL STRING IN 1/4" SCH40 HDPE CONDUIT UNDERGROUND

- NOTES:
- 1. LOW VOLTAGE WIRING FROM DRIVER TO BOTTOM OF RAIL POST SHALL BE IN 1" SCH W 40 PVC.
 - 2. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT TO CARRY LOW VOLTAGE WIRING ACROSS RAIL POSTS OF SEPERATE STRUCTURES.
 - 3. POTHOLE STREET AS REQUIRED TO EXPOSE UTILITY FOR PROPOSED CONDUIT CROSSING. CORE SHALL BE REINSTATED.
- SEE NOTE 2

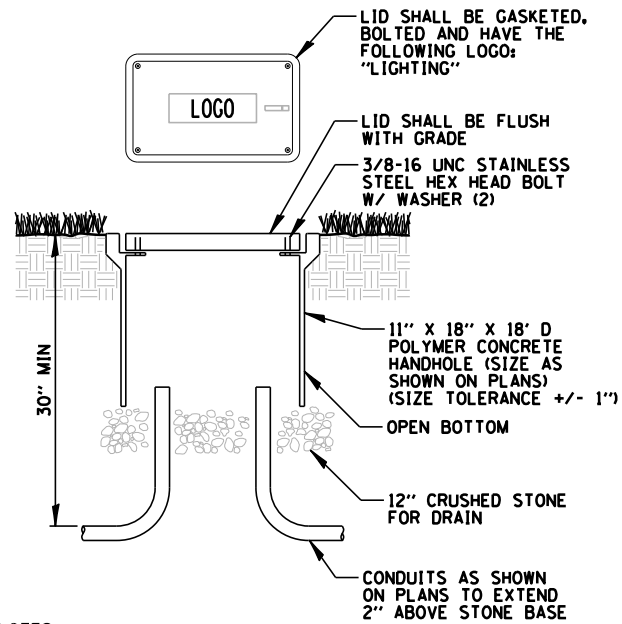
LEGEND

- UD — EXISTING HDPE CONDUIT/WIRE
- ⊙ EXISTING STREET LIGHT
- ◻ EXISTING COMPOSITE CONCRETE HANDHOLE
- ◻ EXISTING 100A 120/240V-1Ø LIGHTING CONTROLLER
- UD — PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE UNDER ROAD
- PROPOSED PVC CONDUIT EMBEDDED IN CONCRETE
- E — PROPOSED PVC COATED RGS ATTACHED TO STRUCTURE
- PROPOSED LOW VOLTAGE CABLE IN HANDRAIL
- ◻ PROPOSED COMPOSITE CONCRETE HANDHOLE
- ◻ PROPOSED S.S JUNCTION BOX A.T.S
- × PROPOSED 2.7W-240VDC LED RAIL LUMINAIRE SPACED AT 5FT.

MATCH LINE STA. 17 + 45



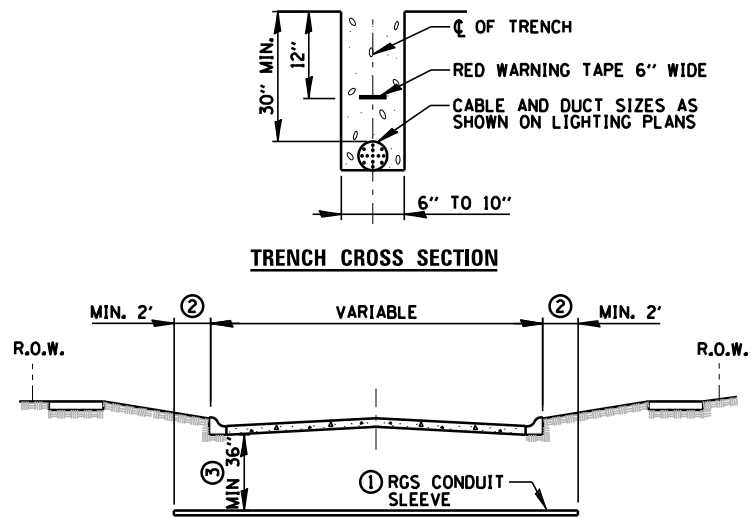
ELEVATION



NOTES:

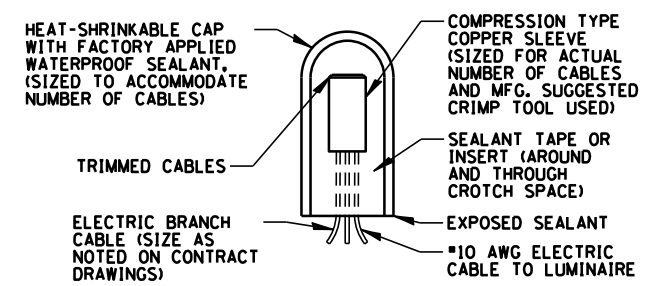
1. NO SPLICING ALLOWED IN HANDHOLE. UNLESS EXPLICITLY STATED.
2. POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREY.
3. BOX & LID SHALL MEET/EXCEED ANSI TIER 15 LOADING REQUIREMENTS, AND BE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI/SCTE 77 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY", AND THE PROVISIONS OF PARAGRAPHS 5.2.3 AND 5.2.4 OF WESTERN UNDERGROUND COMMITTEE GUIDE 3.6.

POLYMER CONCRETE HANDHOLE
N.T.S.

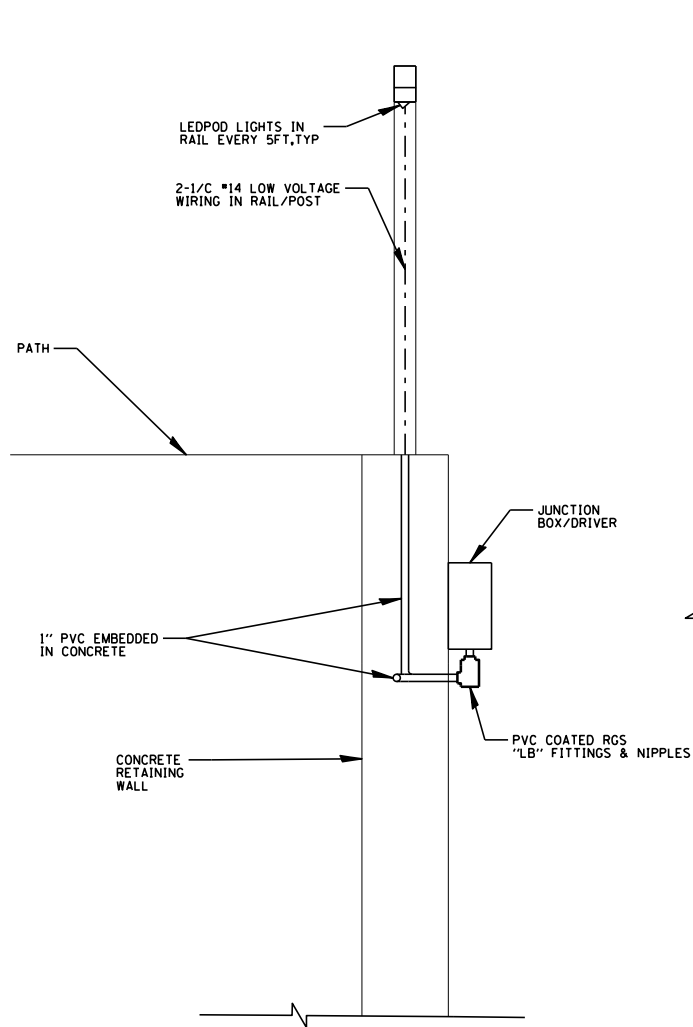


- ① SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
- ② SLEEVE SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ SLEEVE SHALL BE A MINIMUM OF 36" BELOW ROADWAY OR CURB BOTTOM.

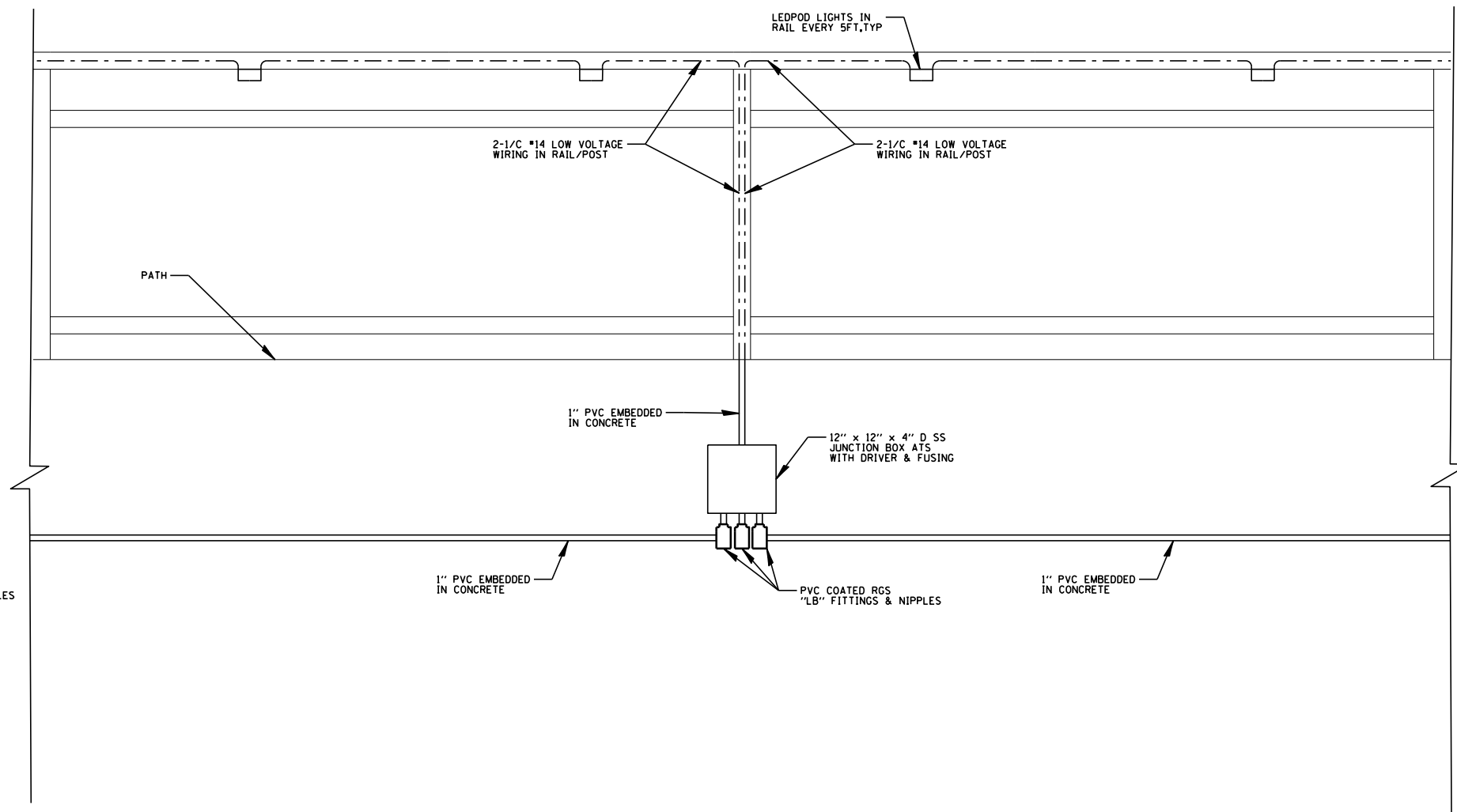
ELECTRIC CONDUIT INSTALLATION
N.T.S.



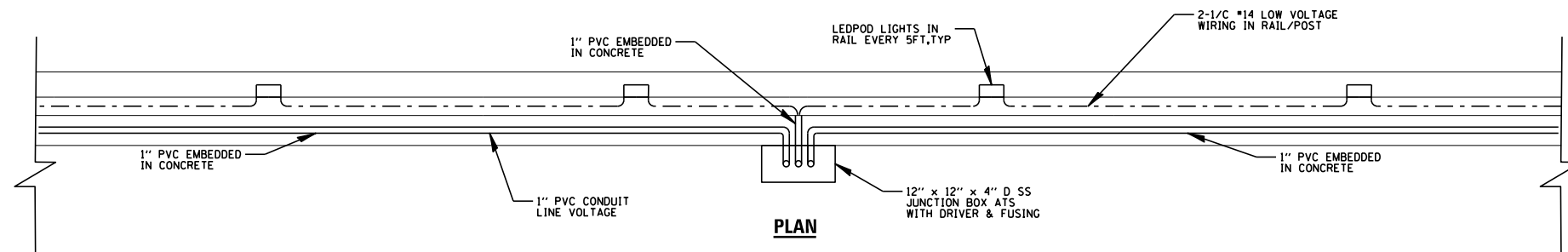
SPlicing ELECTRIC CABLE
N.T.S.



SECTION A-A



ELEVATION

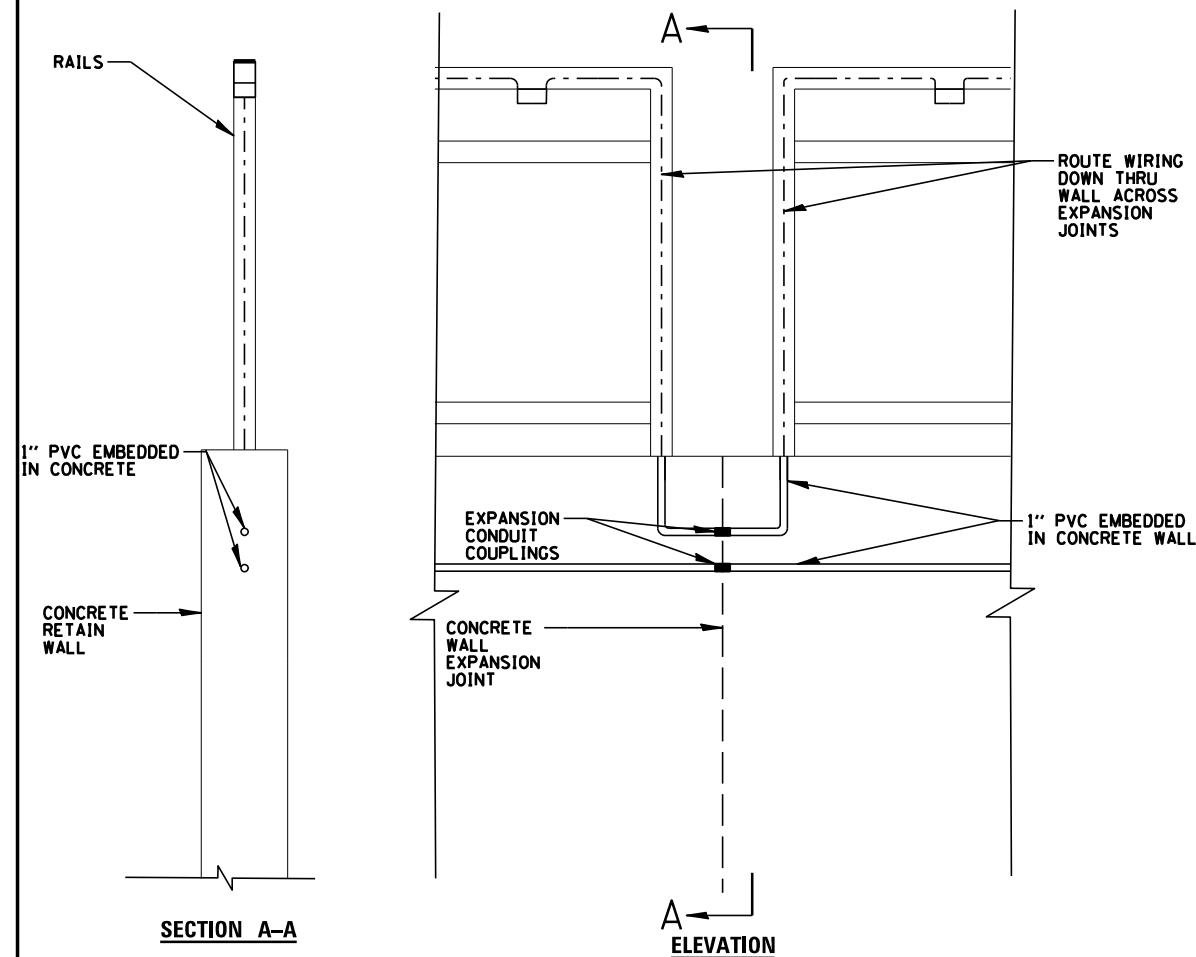


PLAN

JUNCTION BOX / DRIVER DETAIL

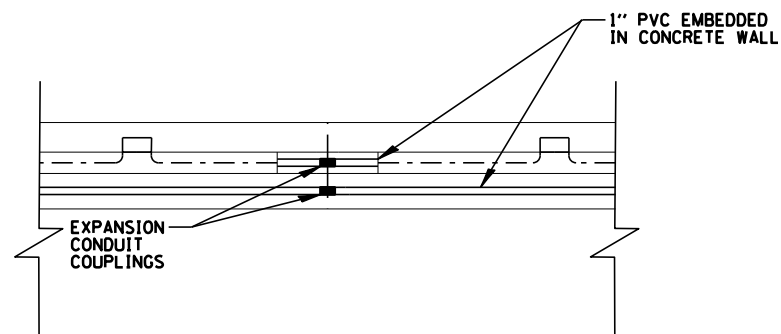
N.T.S

FILE NAME =	USER NAME = jmler	DESIGNED - AJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH LIGHTING DETAILS (2 OF 5)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Mech\LDI_250030_02.sh		DRAWN - SEN	REVISED -						1321	23-00064-00-BT	DuPage	82	23
Default	PLOT SCALE = 48"	CHECKED - AJD	REVISED -						CONTRACT NO. 61M54				
	PLOT DATE = 8/31/2026	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE: N.T.S	SHEET 2	OF 5	SHEETS	STA.	TO STA.			



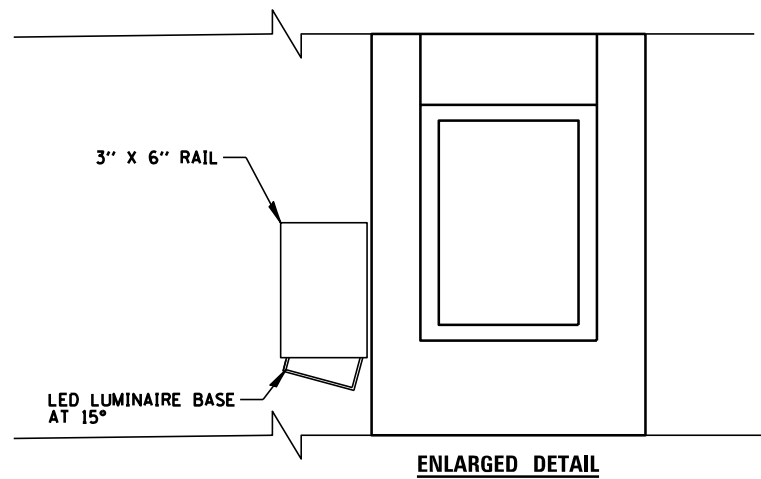
SECTION A-A

ELEVATION



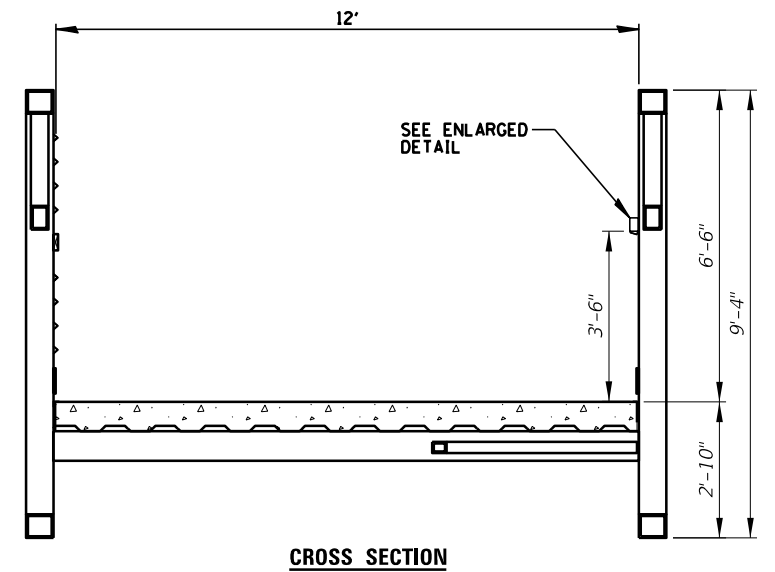
PLAN

LIGHTING CONDUIT AT RAIL ENDS / EXPANSION JOINTS N.T.S

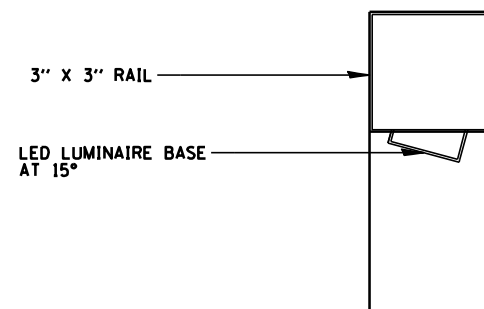


ENLARGED DETAIL

ON-BRIDGE CROSS SECTION N.T.S

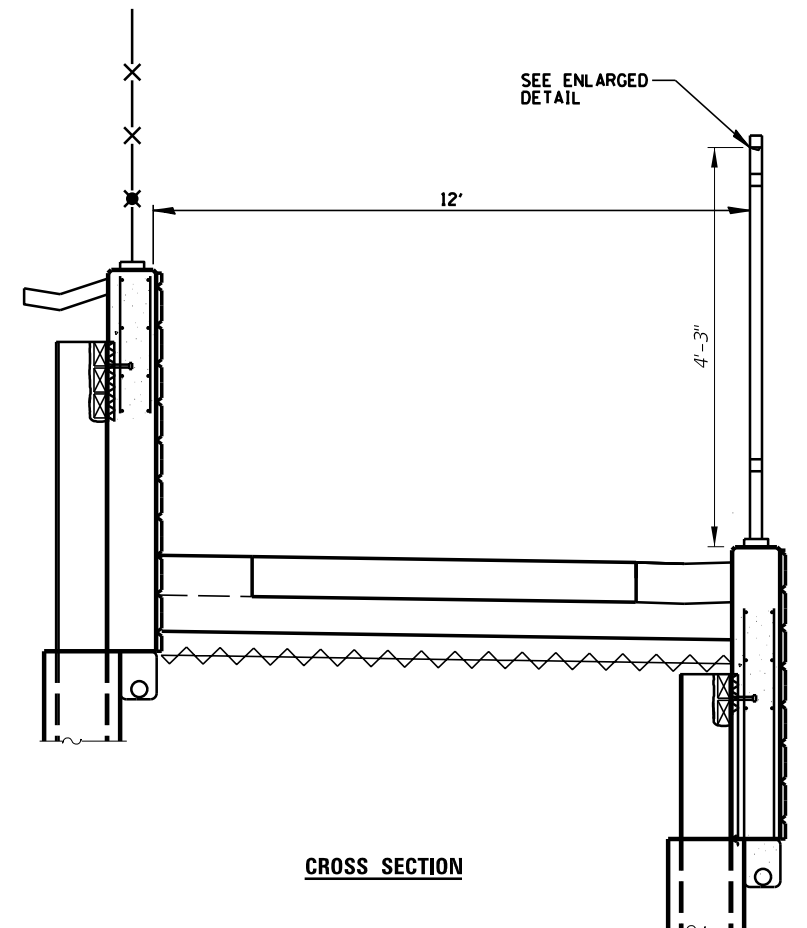


CROSS SECTION



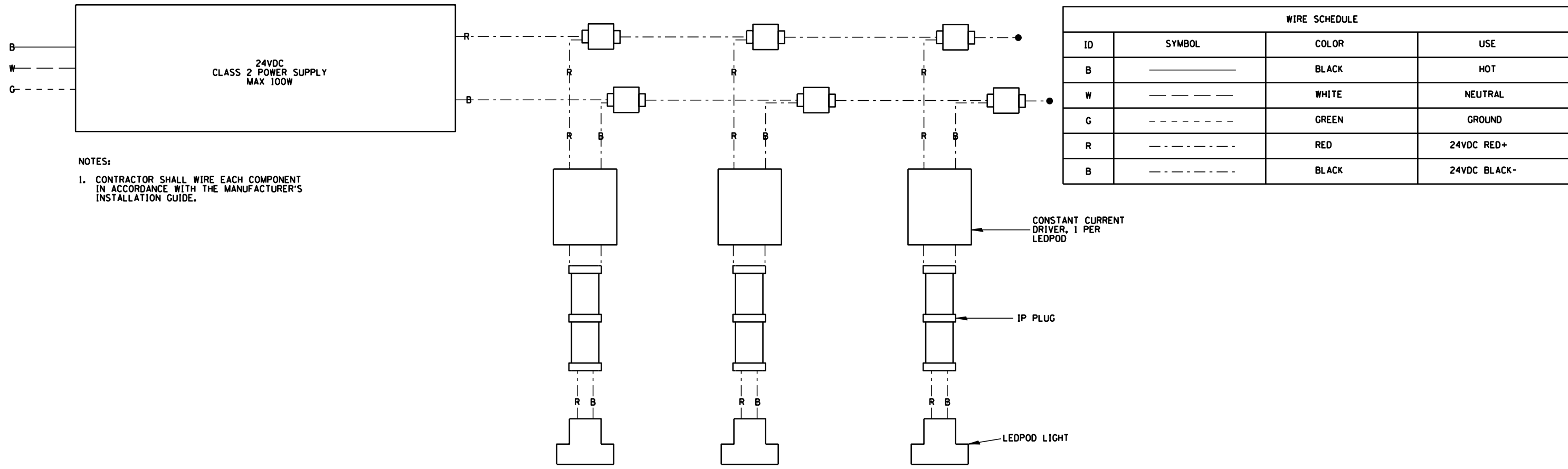
ENLARGED DETAIL

OFF-BRIDGE CROSS SECTION N.T.S

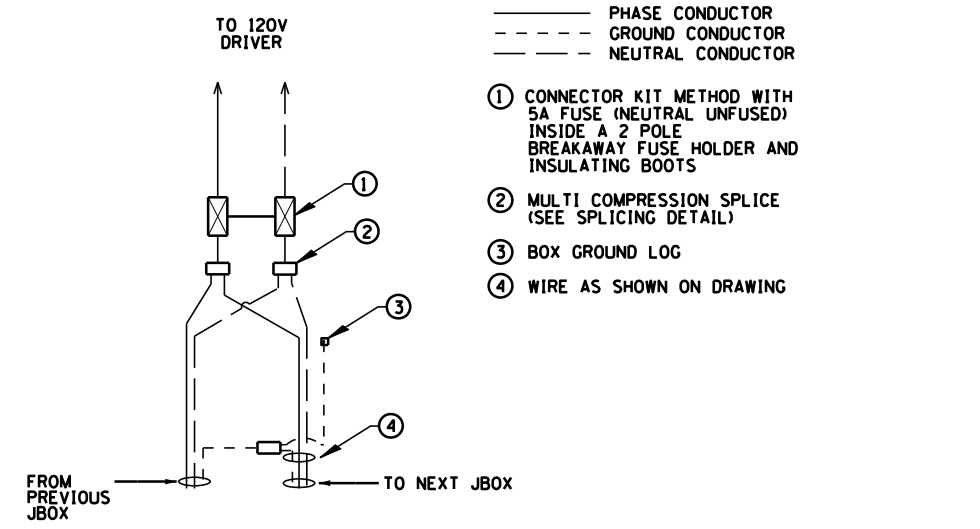


CROSS SECTION

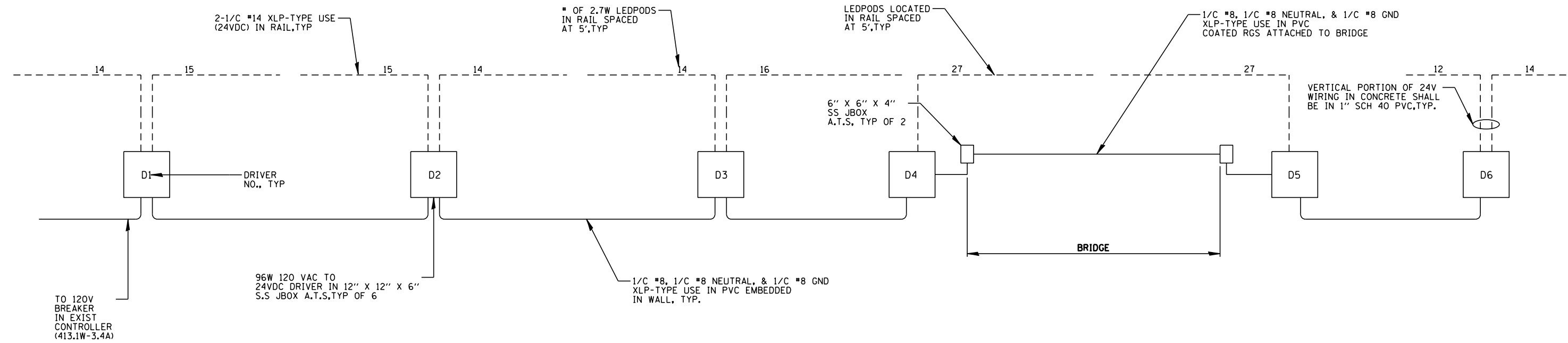
FILE NAME =	USER NAME = jmlr	DESIGNED - AJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH LIGHTING DETAILS (3 OF 5)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Mech\LD\250030_03.sht		DRAWN - SEN	REVISED -					1321	23-00064-00-BT	DuPage	82	24
Default		CHECKED - AJD	REVISED -					CONTRACT NO. 61M54				
		DATE -	REVISED -		SCALE: N.T.S	SHEET 3	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



DRIVER AND LEDPOD WIRING DIAGRAM
N.T.S.



JUNCTION BOX HANDHOLE WIRING DIAGRAM
N.T.S.



NOTES:

- 1. RAIL LIGHTS SHALL BE KLIK *XL28F00-40K-7090-A-FLD-CLR (NO EXCEPTIONS). LIGHTS ARE 2.7-24VDC
- 2. DRIVERS FOR LIGHTS SHALL BE KLIK*LP096WDIMIP67 (NO EXCEPTIONS). DRIVERS SHALL BE 96W WITH 120VAC INPUT & 24VDC OUTPUT (CONSTANT VOLATGE)
- 3. DRIVER SHALL BE MOUNTED TO BACK WALL OF JUNCTION BOX NEAR THE TOP.

WALKWAY LIGHTING ONE-LINE DIAGRAM
N.T.S

FILE NAME = N:\ROSELLE\250030\Mech\LOT_250030_05.sht Default	USER NAME = jmler	DESIGNED - AJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH LIGHTING DETAILS (5 OF 5)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SEN	REVISED -						1321	23-00064-00-BT	DuPage	82	26
	PLOT SCALE = 48'	CHECKED - AJD	REVISED -		CONTRACT NO. 61M54								
	PLOT DATE = 8/31/2026	DATE -	REVISED -		SCALE: N.T.S	SHEET 5 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

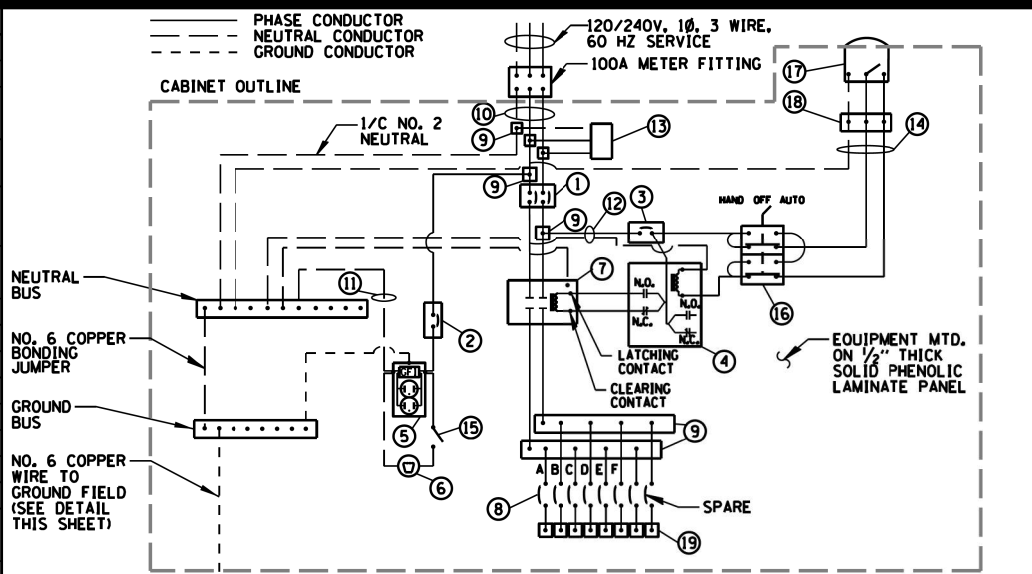
ITEM	SPECIFICATION	MFG./MODEL NO. OR APPROVED EQUAL
① MAIN CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC	SIEMENS NO. ED22B100
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC	SIEMENS NO. ED21B020
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC	SIEMENS NO. ED21B015
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS	MAGNECRAFT NO. 389 FXBXCI - 120A
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER	RECEPTACLE: LEVITON NO. 8899, BOX: APPLETON NO. WSM150 COVER: APPLETON NO. WHG1
⑥ CABINET LIGHT	5 WATT LED STRIP LIGHT, 60K HOUR RATING, 65K COLOR TEMPERATURE, DOOR SWITCH CONTROLLED, FASTENED TO TOP OF CABINET	PENTAIR NO. LEDAIS35
⑦ CONTACTOR	100 AMPERE, 2P, 120V COIL, MECHANICALLY HELD	SQUARE D NO. 8903 S0010 V02
⑧ BRANCH LINE CIRCUIT BREAKERS	(8) 20A, 1P, 120V RATING, 10KAIC	SIEMENS NO. ED21B040
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQ'D, 10KAIC	MARATHON
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. #2	N/A
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12	N/A
⑫ CONTROL WIRE	2-600V XLP NO. 12	N/A
⑬ SURGE ARRESTOR	10 K AMPERE RATING	SQUARE D NO. SDSA 1175
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12	N/A
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH	OMRON NO. A-20G0-K
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS, MTD IN CAST ALUM. ENCLOSURE	SQUARE D NO. 9001 KYK 111
⑰ PHOTOCCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC	FISHER PIERCE NO. FPFA-105M
⑱ TERMINAL BLOCK	3 TERMINAL, SCREW TYPE, MAX. #10 WIRE SIZE	CINCH NO. 3-142
⑲ CIRCUIT BREAKER DIST. BLOCKS	30A, 600V, 10 KAIC - WIRE RANGE: LINE SIDE LUG (1) #2/0-#14 AWG, LOAD SIDE LUGS (2) #4-#14 AWG	MARATHON

NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."
- THE MAIN CIRCUIT BREAKER SHALL BE LABELED "SERVICE DISCONNECT".
- ALL SWITCHES AND CONTROLS SHALL BE IDENTIFIED USING TWO COLOR ENGRAVED NAMEPLATES.
- THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.
- ALL EXPOSED BUS BARS SHALL BE INSULATED.
- ALL WIRING SHALL BE COPPER.

LIGHTING CONTROLLER COMPONENT SCHEDULE

LIGHTING CONTROLLER CIRCUIT LOADS						
CIRCUIT ID	48W ROADWAY LUMINAIRE		FESTOON RECEPTACLE		TOTAL CIRCUIT LOAD	
	QTY.	LOAD/FIXT. (WATTS)	QTY.	LOAD/FIXT. (WATTS)	(WATTS)	AMPS (VOLTS)
A	8	48 W	-	180 W	384 W	3.2 A (120V)
B	4	48 W	-	180 W	192 W	1.6 A (120V)
C	-	48 W	4	180 W	720 W	6.0 A (120V)
D	-	48 W	4	180 W	720 W	6.0 A (120V)
E	-	48 W	2	180 W	360 W	3.0 A (120V)
F	-	48 W	2	180 W	360 W	3.0 A (120V)
TOTAL	12	N/A	12	N/A	2,736 W	11.4 A (240V)



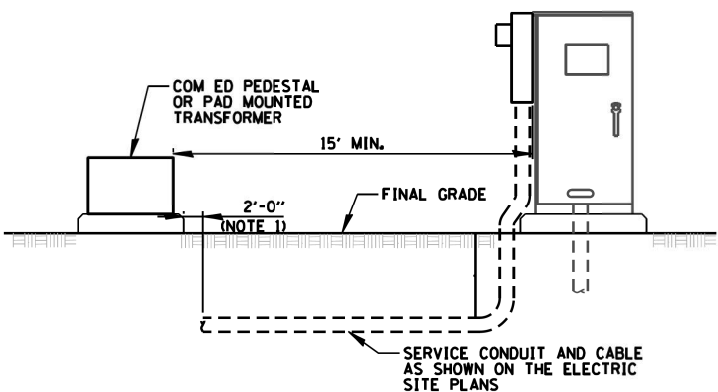
NOTES:

- ALL GROUND CONDUCTORS SHALL BE GREEN AND NEUTRAL CONDUCTORS SHALL BE WHITE. PHASE CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH SECTION 1066.02 OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL ONLY USE SOLID COLOR CODED INSULATIONS. COLOR STRIPPING OF PHASE CONDUCTORS SHALL NOT BE ALLOWED.
- IN ADDITION TO THE TERMINATIONS SHOWN, THE NEUTRAL AND GROUND BUS BARS SHALL EACH ACCOMMODATE A MINIMUM OF 8 ADDITIONAL TERMINATIONS (#2-#14).

LIGHTING CONTROLLER WIRING DETAIL

N.T.S.

RECORD DRAWING FOR INFORMATION ONLY

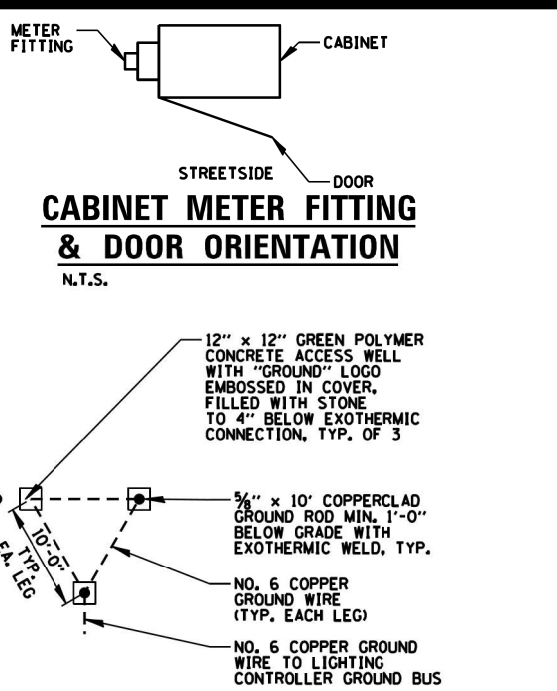


NOTES:

- INSTALL SERVICE CONDUIT UP TO 2' AWAY FROM PEDESTAL/TRANSFORMER WITH PROTECTIVE BUSHING ON END OF CONDUIT. PROVIDE ADEQUATE SLACK. CABLE COILED UP FOR COM ED TO CONNECT. CONTRACTOR TO SCHEDULE & COORDINATE ALL WORK WITH COM ED.
- THE HORIZONTAL SERVICE CONDUIT & WIRE FROM THE PEDESTAL/TRANSFORMER TO THE CONTROLLER PAID FOR SEPARATELY.

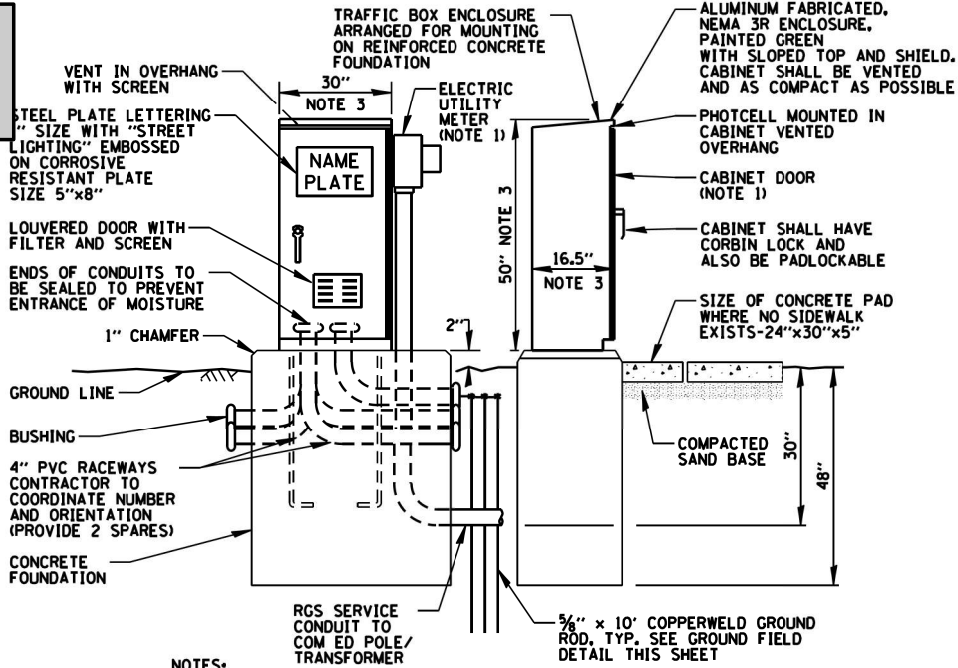
ELECTRIC SERVICE UNDERGROUND CONNECTION TO PEDESTAL/TRANSFORMER

N.T.S.



GROUND FIELD DETAIL (TYP.)

N.T.S.



NOTES:

- SEE CABINET METER FITTING AND DOOR ORIENTATION DETAIL FOR METER AND DOOR ORIENTATION.
- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER", EXCEPT FOR THE SERVICE CONDUIT WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE. CABINET SHALL BE AS COMPACT AS POSSIBLE, CONTRACTOR TO COORDINATE.

LIGHTING CONTROLLER CABINET AND FOUNDATION

N.T.S.

CB B CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	CLIENT:	Village of  Roselle					DSGN	JPC		TITLE: VILLAGE OF ROSELLE MAIN ST LIGHTING LIGHTING DETAILS (1 OF 4)	PROJ. NO. 180237	
								DWN	RJJ			DATE: 07/02/18
								CHKD	JPC			SHEET 6 OF 9
								SCALE			40'	DRAWING NO.
								PLOT DATE			8/8/2018	LDT 01
								CAD USER			r.jezlery	
								CHKD	MODEL		Default	

FILE NAME =	USER NAME = jmler	DESIGNED - AJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAIN STREET MULTI-USE PATH LIGHTING RECORD DRAWINGS (1 OF 2)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Mech\REC-250030_01.shx		DRAWN - SEN	REVISED -			1321	23-00064-00-BT	DuPage	82	27
Default		CHECKED - AJD	REVISED -			CONTRACT NO. 61M54				
	PLOT SCALE = 40'	DATE -	REVISED -		SCALE: N.T.S.	SHEET 1 OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

LEGEND

ORNAMENTAL LIGHT STANDARD

ELECTRIC LINE

PROPOSED CONTROLLER

PROPOSED HANDHOLE

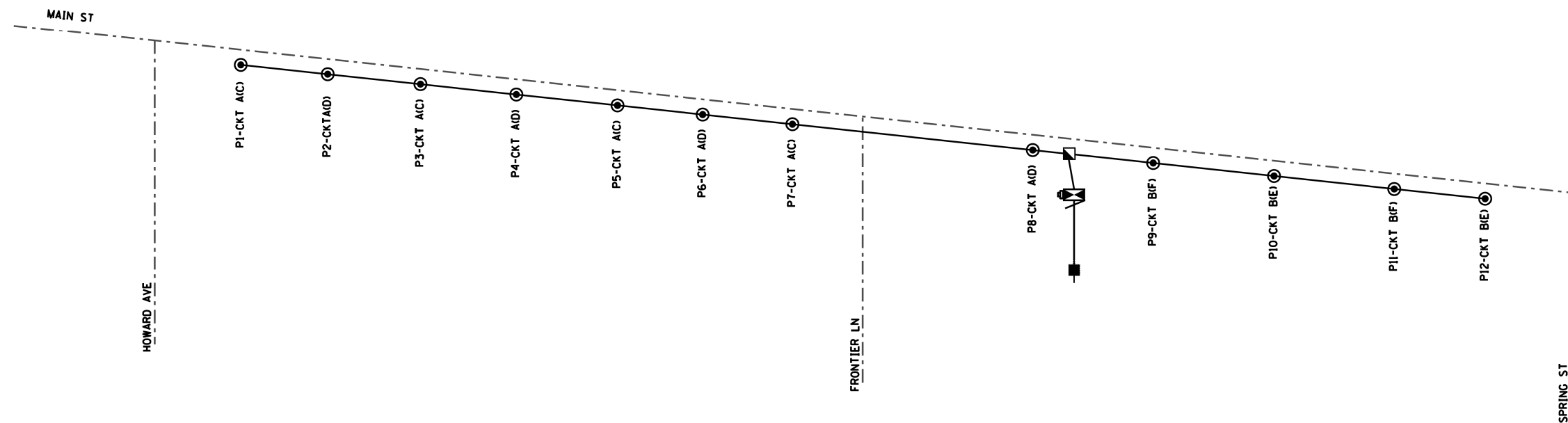
LIGHT POLE NUMBER

LIGHTING CIRCUIT IDENTIFIER

RECEPTACLE CIRCUIT IDENTIFIER

ROADWAY

PROPOSED SERVICE DROP LOCATION



ONE LINE CIRCUIT DIAGRAM
N.T.S.

RECORD DRAWING
FOR INFORMATION ONLY



CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

CLIENT:



				DSGN.	JPC	
				DWN.	RJJ	
				CHKD.	JPC	
				SCALE:	40'	
				PLOT DATE:	8/8/2018	
1	08/08/18	SERVICE CONDUIT SIZE	JPC	CAD USER:	rjzlermy	
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:	Default	
FILE NAME: N:\ROSELLE\180237\Mech\LOT_180237_04.dwg						

TITLE:	VILLAGE OF ROSELLE MAIN ST LIGHTING LIGHTING DETAILS (4 OF 4)		PROJ. NO. 180237
			DATE: 07/02/18
			SHEET 9 OF 9
			DRAWING NO. LDT 04

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	29
		CONTRACT NO. 61M54		
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. All work shall be done in accordance to the Illinois Department of Transportation (IDOT) Standard Specification for Road and Bridge Construction. Adopted January 1, 2022, and latest Supplemental Specifications and recurring Special Provisions, and Project Special Provisions. Construction Plans and Subsequent Details are all to be considered as part of the Contract. Incidental Items or Accessories necessary to complete this work may not be specifically noted but are considered a part of this Contract.

CAST-IN-PLACE CONCRETE

1. All cast-In-place concrete work and reinforcing steel work shall be in accordance with Sections 503, 516, 522 and 508 respectively of the IDOT Standard Specifications for Road and Bridge Construction, adopted January 1, 2022, and Supplemental Specifications and Recurring Special Provisions and as noted below.

2. Cover from the face of concrete to face of reinforcement bars shall be 3" for surfaces cast against earth and 1.5" for all other surfaces unless otherwise shown.

3. Reinforcement Bars designated (E) shall be Epoxy Coated.

4. Reinforcing bar bending dimensions are out to out.

5. All exposed concrete edges shall be beveled ¾".

PREFABRICATED PEDESTRIAN BRIDGE

The Prefabricated Pedestrian Bridge shall be designed, fabricated, delivered and erected according to the Guide Bridge Special Provision for "Pedestrian Truss Superstructure" and the project Special "Pedestrian Truss Superstructure - Additional Requirements" and the design plans.

- 1. Style: Per General Plan and Elevation on Sheet S-1 and Special Provisions.
- 2. Loading: Per AASHTO Guide Specification for Design of Pedestrian Bridges, 2nd Edition
 - Dead Load: Actual weight of the structure
 - Live Load: 90 PSF or H10 (20,000 Lb) vehicle load. Vertical impact is not required.
 - Wind Load: Refer to the Special Provisions.

3. Finishes: In Spans 1 and 3, all steel shall be unpainted weathering steel. In Span 2, all steel shall be unpainted weathering steel, except structural steel and exposed surfaces of bearings and joints within a distance of 10 feet from each end of Pedestrian Truss 2 shall then be painted brown as specified in Section 506 of the Standard Specifications.

4. The total depth of structure for the 130' center span, from top of deck to the bottom of bottom chord shall be less than 2'-10".

5. The end spans shall be underhung style structures. The total depth of structure for the 60' end spans, from the top of deck to the bottom of the floor beams shall be 1'-4". Note that end floor beams shall be flush with the top of the deck in order to provide a total backwall height at the abutment not greater than 1'-6".

6. Truss manufacturer shall camber the truss as necessary to provide allowance for dead load deflection.

7. Bridge bearing seat elevations are subject to revision based on the approved pedestrian truss superstructure shop drawings. Contractor shall verify all dimensions and elevations with final shop drawings.

8. The Contractor shall provide the reinforced concrete deck design. Concrete deck to utilize stay-in-place galvanized forms. Reinforcement shall be epoxy coated. Contractor shall place the reinforced concrete deck after truss is set. Cost included with Pedestrian Truss Superstructure.

9. Truss Manufacturer shall provide joint covers for joints between abutment backwall and steel truss and at joints between trusses at piers. Cost included with Pedestrian Truss Superstructure.

10. Quality: The bridge manufacturer shall maintain proper records assuring that all steel, bolts, and materials used are in accordance with material specified. The bridge shall be Identified and marked with a permanent nameplate showing the manufacturers name, location, date of manufacture, and load carrying capacity. Structural material shall be traceable to each bridge. All welders shall be qualified in accordance with the latest edition of ANSI /AWS D1.1 Structural Welding Code, made with E70XX electrodes and performed by certified welders. All workmanship shall be in compliance with AASHTO and AISC standard practice. Full penetration weld details used in shop splices shall be submitted to the Engineer to determine testing required (If any).

11. Delivery: Bridges shall be delivered by truck to a location nearest the site accessible by roads.

12. Field welding of construction accessories will not be permitted to beams or girders.

13. Two 9'-10 ¾" wide by 7'-2" tall custom sign panels will be attached to Truss #2. The sign panels shall be paid for as Sign Panel - Type 3. Attachment of the sign panels to the structure shall be designed by the truss manufacturer and shall be included in the cost of Pedestrian Truss Superstructure.

14. A 6'-6" wide x 2'-0" tall vertical clearance sign shall be attached to Truss #2. The sign panel shall be paid for as Sign Panel - Type 2. The vertical clearance panel shall read 13 FT 10 IN. Attachment of the sign panels to the structure shall be designed by the truss manufacturer and shall be included in the cost of Pedestrian Truss Superstructure.

15. The south rub rail in all trusses shall consist of an HSS 6x3x1/4. Additionally, LED Light Holders shall be fabricated per the details shown in the plans to accommodate the proposed lighting system. Holes for electrical wiring and components shall be placed in the truss members as shown in the lighting plans. The cost of fabricating and installing this custom rub rail shall be included in the cost of Pedestrian Truss Superstructure. Lights and lighting system components shall be paid for as Pedestrian Bridge Lighting System.

16. Steel drip bars shall be installed on the bottom chord of each truss at each end of the truss (4 per bridge, 12 total) to minimize staining on the bridge substructure.

17. Concrete Sealer shall be applied to the top and vertical face of the abutment back walls, the abutment beam seat, the front face of the abutments, and the tops and vertical faces of the pier caps.

18. Temporary casings, if required, shall be included in the cost of Drilled Shaft In Soil. Refer to project geotechnical report and DuPage Water Commission requirements.

19. Contractor must coordinate with Bridge Manufacturer to ensure proper placement of cast-in-place anchors. If the contractor elects to use post-Installed anchors In lieu of cast-In-place anchors, he must coordinate the plate dimensions, bolt spacing and bolt quantity with the Bridge Manufacturer prior to construction.

RETAINING WALLS/FOUNDATIONS

1. The contractor is responsible for the design and performance of the untreated timber lagging.

2. Temporary casings, if required, shall be included in the cost of Drilling and Setting Soldier Piles (In Soil). Refer to project geotechnical report and DuPage Water Commission requirements.

- 3. The walls are to have a formliner textured surface. Form liner shall have a maximum relief of ½". The pattern of the formliner shall be one of the following:
 - Scott System Fluted Fin ½" Pattern, #108
 - Fitzgerald Formliners Pattern 14305 Fluted Rib
 - Customrock Formliner Pattern #4001 - ½" Deep Rib)
 - SIKA USA Formliner Pattern #305 Ribbed Design

4. Fabrication and erection of structural steel shall be in accordance with the latest edition of the AISC "Code of Standard Practice for Steel Buildings and Bridges".

5. All W section soldier piles shapes shall conform to ASTM A992 grade 50. All other hot rolled shapes shall conform to ASTM A36.

6. Welded connections shall be in accordance with the latest edition of ANSI /AWS D1.1 Structural Welding Code, made with E70XX electrodes and performed by certified welders.

7. Any bent plates required for the installation of the untreated timber lagging shall be included in the cost of Furnishing Soldier Piles (W Section).

8. Soldier piles and bent plates shall be cleaned and given one shop coat of inorganic zinc rich primer, which shall extend a minimum of 1ft into the drilled shaft. This work shall be included in the cost of Furnishing Soldier Piles (W Section).

CONSTRUCTION

1. Do not scale dimensions for construction. Scale, if shown, applies only to full size drawings.

2. No construction or expansion joints, except those shown on the plans, will be allowed unless directed by the Engineer.

3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. and the Engineer prior to excavation. Special care shall be taken in the vicinity of the existing 30" DuPage Water Commission Line. An estimated quantity of Exploratory Excavation has been included in the Contract to locate this line in the vicinity of the bridge substructure and the retaining walls.

4. Shop working or layout drawings pertaining to the construction of the work, as may be required, shall be submitted to the Engineer for approval prior to the start of construction. Shop drawing shall be signed and sealed by a Structural Engineer licensed in the State of Illinois.

5. Upon completion, the contractor shall collect and remove all construction debris and excess material from the site. Damaged trees, shrubs, and other landscape features resulting from construction activities shall be replaced or repaired.

6. All bearing surfaces must be true and level.

INDEX OF SHEET

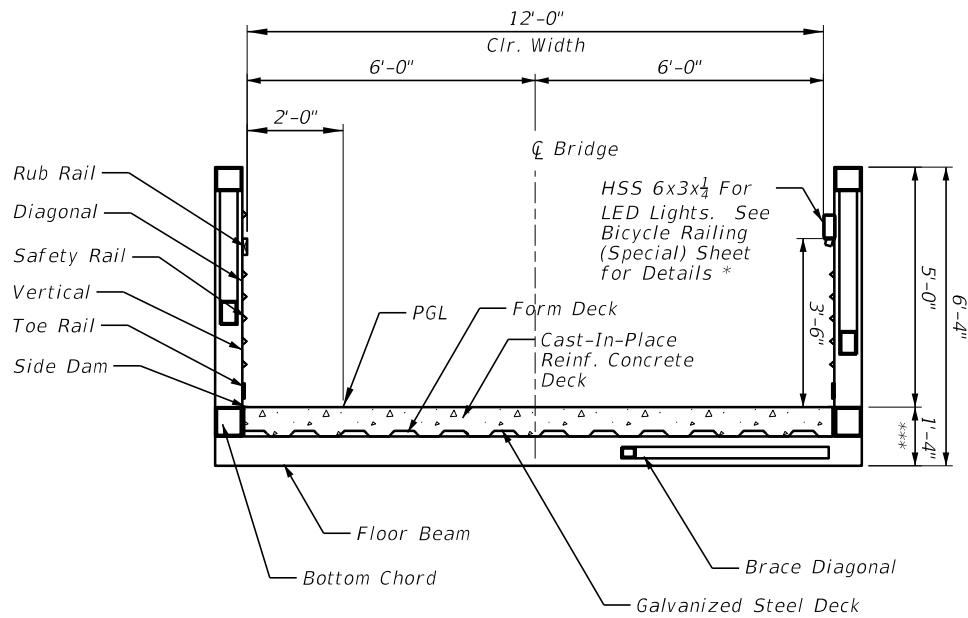
- S-1 General Plan and Elevation - Pedestrian Bridge
- S-2 General Notes, Total Bill of Materials and Index of Sheets
- S-3 Truss Details
- S-4 Abutment Section and Details
- S-5 Pier 1 Section and Details
- S-6 Pier 2 Section and Details
- S-7 General Plan and Elevation - Northwest Retaining Wall
- S-8 Reinforcement Details - Northwest Retaining Wall
- S-9 General Plan and Elevation - Northeast Retaining Wall
- S-10 Reinforcement Details - Northeast Retaining Wall
- S-11 General Plan and Elevation - Southwest Retaining Wall
- S-12 Reinforcement Details - Southwest Retaining Wall
- S-13 General Plan and Elevation - Southeast Retaining Wall
- S-14 Reinforcement Details - Southeast Retaining Wall
- S-15 Retaining Wall Details (Sheet 1 of 2)
- S-16 Retaining Wall Details (Sheet 2 of 2)
- S-17 Retaining Wall Details (Sheet 3 of 3)
- S-18 Railing Details
- S-19 Fence Details
- S-20 Approach Slab Details
- S-21 Steel Pile Details
- S-22 Boring Logs (Sheet 1 of 7)
- S-23 Boring Logs (Sheet 2 of 7)
- S-24 Boring Logs (Sheet 3 of 7)
- S-25 Boring Logs (Sheet 4 of 7)
- S-26 Boring Logs (Sheet 5 of 7)
- S-27 Boring Logs (Sheet 6 of 7)
- S-28 Boring Logs (Sheet 7 of 7)

TOTAL BILL OF MATERIAL

PAY ITEM	ITEM	UNIT	QUANTITY
28100105	Stone Riprap, Class A3	Sq Yd	275
28200200	Filter Fabric	Sq Yd	275
50200100	Structure Excavation	Cu Yd	790
50300225	Concrete Structures	Cu Yd	45.5
50300285	Form Liner Textured Surface	Sq Ft	7,397
50300300	Protective Coat	Sq Yd	240
50301350	Concrete Superstructure (Approach Slab)	Cu Yd	11.2
50500505	Stud Shear Connectors	Each	934
50800105	Reinforcement Bars	Pound	2,337
50800205	Reinforcement Bars, Epoxy Coated	Pound	54,730
51500100	Name Plates	Each	1
51603000	Drilled Shaft In Soil	Cu Yd	61
52200020	Temporary Soil Retention System	Sq Ft	440
52200105	Furnishing Soldier Piles (W Section)	Foot	4,460
52200200	Drilling and Setting Soldier Piles (In Soil)	Cu Ft	25,345
52200250	Untreated Timber Lagging	Sq Ft	5,262
52200900	Concrete Structures (Retaining Wall)	Cu Yd	273.8
58600101	Granular Backfill for Structures	Cu Yd	485
58700300	Concrete Sealer	Sq Ft	840
59100100	Geocomposite Wall Drain	Sq Yd	617
60100060	Concrete Headwalls for Pipe Drains	Each	4
60146306	Pipe Underdrain For Structures, 6"	Foot	1,244
72000200	Sign Panel - Type 2	Sq Ft	13
72000300	Sign Panel - Type 3	Sq Ft	144
X0322508	Pedestrian Truss Superstructure	Sq Ft	3,042
X5091725	Bicycle Railing (Special)	Foot	604
X5220102	Retaining Wall Removal	Foot	60
X6640535	Chainlink Fence, 6' Attached to Structure	Foot	498
XX009242	Anti-Graffiti Protection System	Sq Ft	5,443

Default FILE NAME = N:\ROSELLE\250030\Structure\02-250030-GNotes.sht

CBCE CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = j_barnett	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, TOTAL BILL OF MATERIALS AND INDEX OF SHEETS					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN DMB	REVISED -	1321		23-00064-00-BT	DUPAGE	82	30						
	PLOT SCALE = 2'	CHECKED JMB	REVISED -		CONTRACT NO. 61M54									
	PLOT DATE = 10/2/2026	DATE -	REVISED -		SCALE: NTS	SHEET S-2 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30	ILLINOIS FED. AID PROJECT					



CROSS SECTION - SPAN 1 & 3
(Looking East)

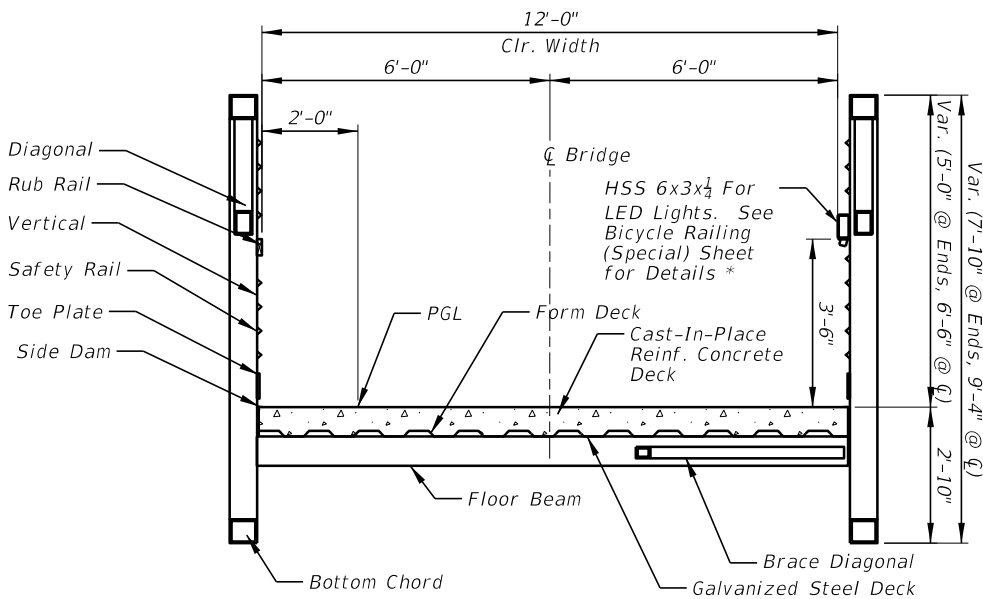
- * Contractor Shall Coordinate All Dimensions with Bridge Manufacturer Prior to Construction. Refer to Special Provision for Pedestrian Bridge Lighting System.
- ** Concrete Form Pan and Deck Design are Provided by Bridge Manufacturer. Concrete Slab and Reinforcement Shall Be Provided by Contractor After Bridge is Erected. Concrete and Reinforcing Requirements to be Coordinated with Bridge Manufacturer.
- *** End Floor Beams Shall Be Placed Flush with Top of Deck In Order to Provide a Total Backwall Height at Abutments Not Greater Than 1'-6".

BRIDGE REACTIONS			
	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD ②	17,000		
UNIFORM LIVE LOAD	16,200		
VEHICLE LOAD	10,000		
WIND UPLIFT 20 PSF	-5,850		
WIND LEeward	-1,950		
WIND	±1,505	6,215	
THERMAL ②			2,550
SEISMIC	±4,100	17,340	17,340

"P" - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)
"H" - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)
"L" - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)

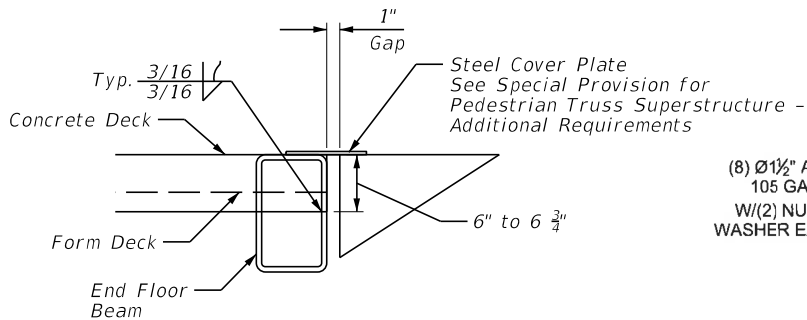
- ① BRIDGE LIFTING WEIGHT: 19,500 LBS
- ② BRIDGE FINAL WEIGHT: 68,000 LBS
- ② INCLUDES WEIGHT OF CONCRETE.
- ① DOES NOT INCLUDE WEIGHT OF CONCRETE.

APPROX. TRUSS REACTIONS - SPAN 1 & 3
Reactions are Unfactored



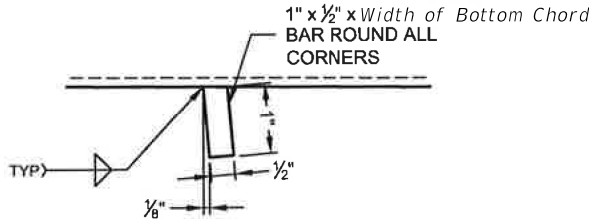
CROSS SECTION - SPAN 2
(Looking East)

- * Contractor Shall Coordinate All Dimensions with Bridge Manufacturer Prior to Construction. Refer to Special Provision for Pedestrian Bridge Lighting System.
- ** Concrete Form Pan and Deck Design are Provided by Bridge Manufacturer. Concrete Slab and Reinforcement Shall Be Provided by Contractor After Bridge is Erected. Concrete and Reinforcing Requirements to be Coordinated with Bridge Manufacturer.



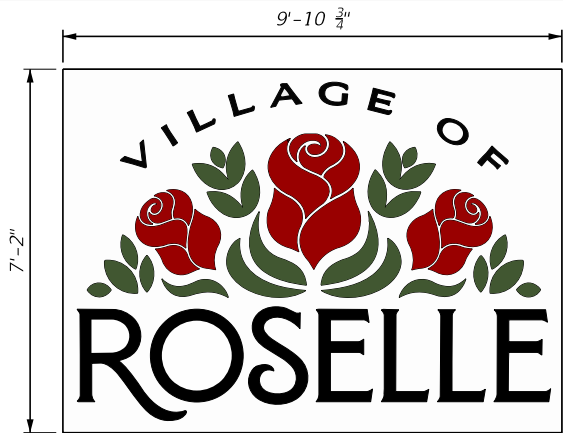
JOINT DETAIL
Typical both ends

Note: A compression seal sized for movement and rated for pedestrian traffic may be used in place of the steel cover plate.

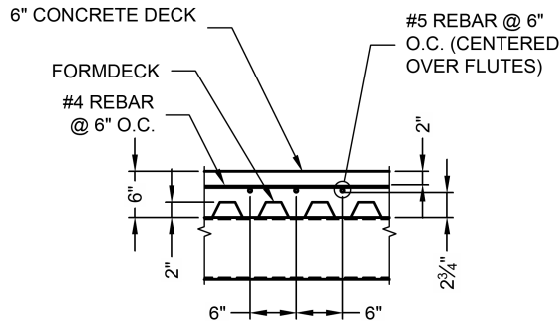


DRIP BAR

Drip bars will be installed approximately 2'-6" from each end of each span on the bottom of both bottom chords (4 total per span, 12 total for the project)



TRUSS SIGNAGE

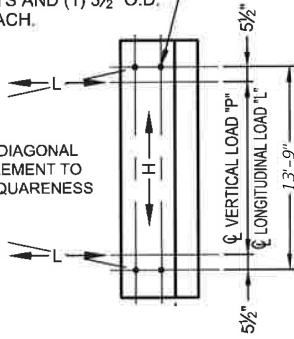


CONCEPTUAL SLAB REINFORCEMENT

This detail is provided for bidding purposes only. Actual deck details shall be provided by the Bridge Manufacturer and may vary from this detail. Cost of reinforced concrete deck is included in Pedestrian Truss Superstructure.

f'c = 4,000 psi (Minimum 28 Day Strength)
Grade 60 Reinforcing (fy = 60,000 psi)

(8) Ø1 1/2" ASTM F1554 GRADE 105 GALV. ANCHOR RODS
W/(2) NUTS AND (1) 3 1/2" O.D. WASHER EACH.



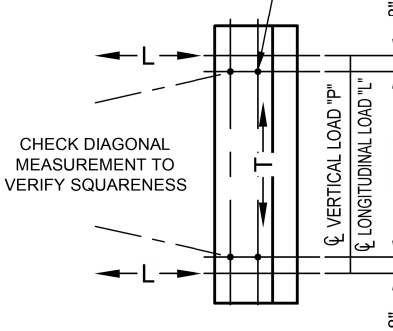
SPAN 1 & 3

CONCEPTUAL ANCHOR BOLT PLAN LAYOUT

This detail is provided for bidding purposes only. Contractor shall coordinate the locations of the proposed anchor bolts with the Bridge Manufacturer prior to construction of the substructure.

Anchor bolts supplied by the Contractor shall be embedded a minimum of 16". Base plates and 1/8" Teflon pads under base plates to be supplied by the Bridge Manufacturer. Anchor bolts included in the cost of Pedestrian Truss Superstructure.

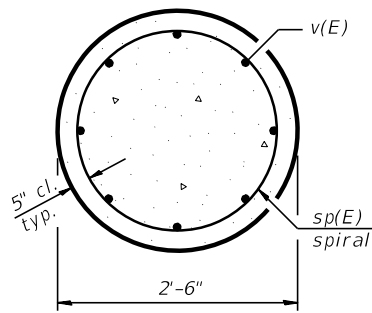
(8) Ø1 1/2" ASTM F1554 GRADE 105 GALV. ANCHOR RODS
W/(2) NUTS AND (1) 2 1/2" O.D. WASHER EACH.



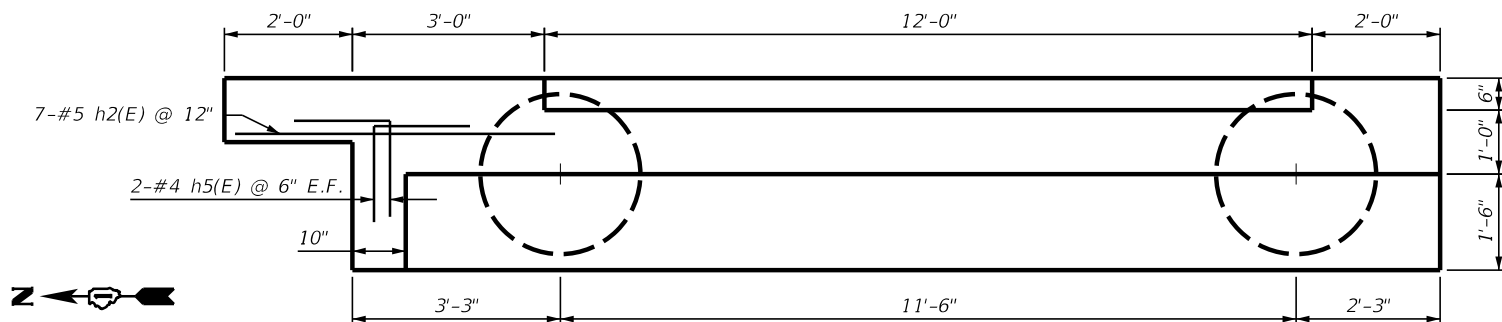
SPAN 2

Default FILE NAME = N:\ROSELLE\250030\Structure\03-250030-Truss Details.dwg

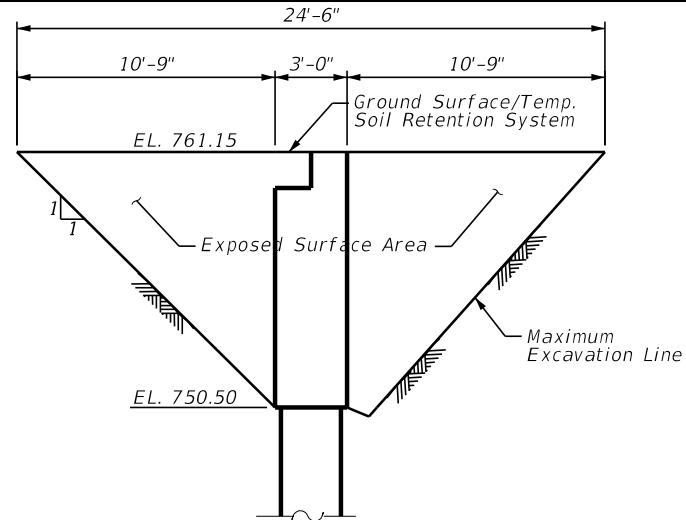
CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 623-9500	USER NAME = j.barnett	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRUSS DETAILS					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN DMB	REVISED -	1321		23-00064-00-BT	DUPAGE	82	31						
	PLOT SCALE = 2'	CHECKED JMB	REVISED -		CONTRACT NO. 61M54									
	PLOT DATE = 9/18/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
	SCALE: NTS					SHEET S-3 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30						



SECTION B-B

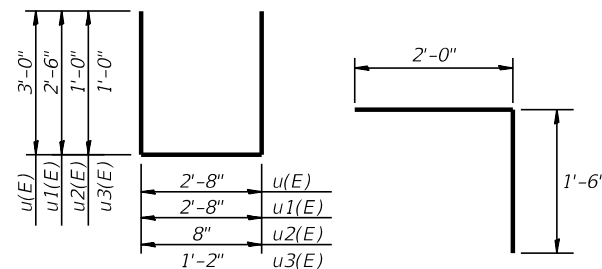


PLAN



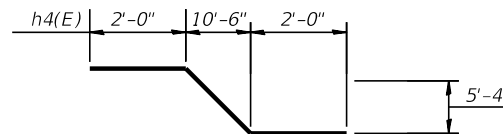
TEMPORARY SOIL RETENTION SYSTEM AT ABUTMENTS

Temporary Soil Retention System Shall be Designed for Railroad Loading



BAR u(E)

BAR h5(E)

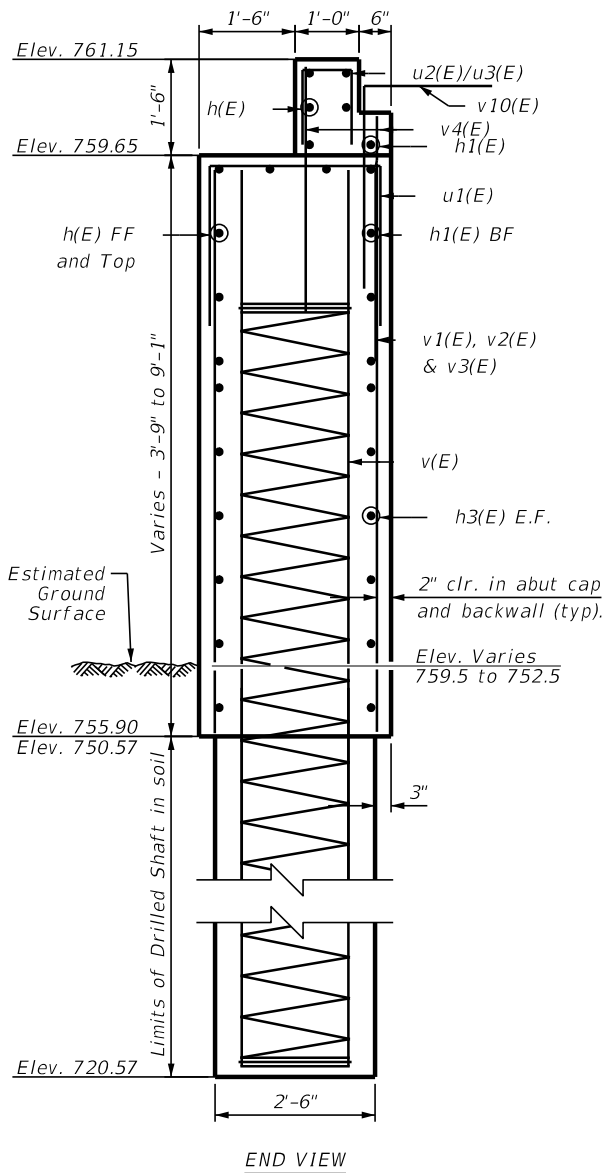


BAR h4(E)

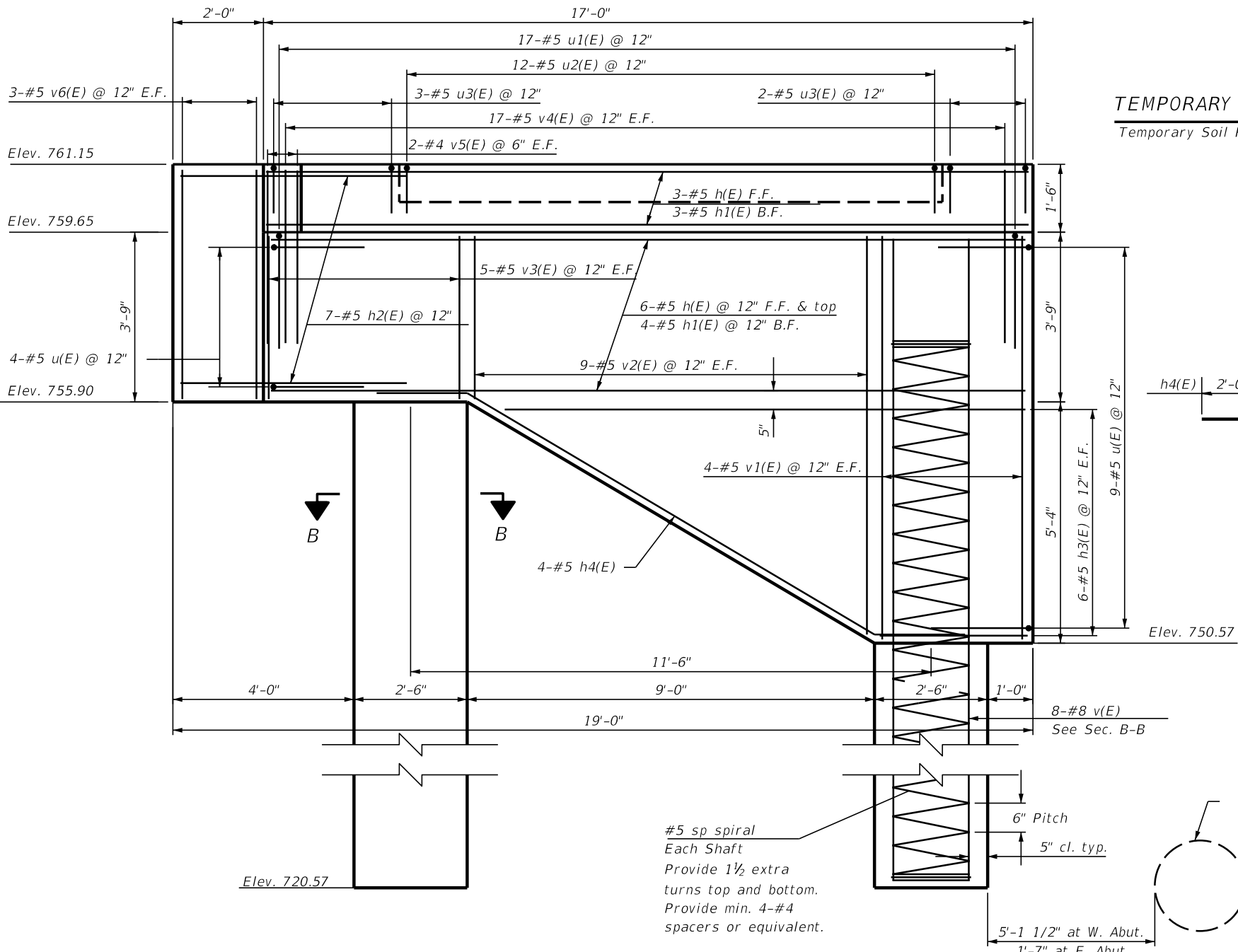
BILL OF MATERIAL
TWO ABUTMENTS

Bar	No.	Size	Length	Shape
h(E)	18	#5	16'-8"	—
h1(E)	14	#5	18'-8"	—
h2(E)	14	#5	5'-0"	—
h3(E)	12	#5	15'-4"	—
h4(E)	8	#5	14'-6"	—
h5(E)	8	#4	3'-6"	—
sp(E)	4	#5	35'-10"	—
u(E)	26	#5	8'-8"	—
u1(E)	34	#5	7'-8"	—
u2(E)	24	#5	2'-8"	—
u3(E)	10	#5	3'-2"	—
v(E)	32	#8	38'-9"	—
v1(E)	16	#5	8'-9"	—
v2(E)	18	#5	12'-2"	—
v3(E)	20	#5	3'-5"	—
v4(E)	68	#5	3'-10"	—
v5(E)	8	#4	3'-10"	—
v6(E)	12	#5	4'-11"	—
Concrete Structures			Cu. Yd.	27.2
Reinforcement Bars, Epoxy Coated			Pound	7,370
Drilled Shaft in Soil			Cu. Yd.	23.8

** Length is height of spiral
* Cut to fit, place small bar on opposite end



END VIEW



ELEVATION

(Looking East)

Note:
Temporary Casing mandatory at South shaft of East Abutment Per DWC Requirements.
East Abutment is shown.
Abutments are a mirror of each other.

Default FILE NAME = N:\ROSELLE\250030\Structure\04-250030-Abutment Details.sht

CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler	DESIGNED MM	REVISED -
DRAWN DMB	REVISED -	
PLOT SCALE = 2"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

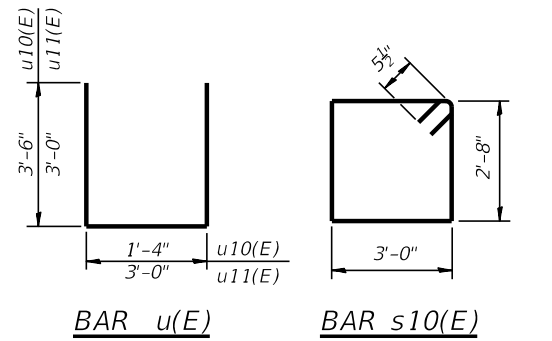
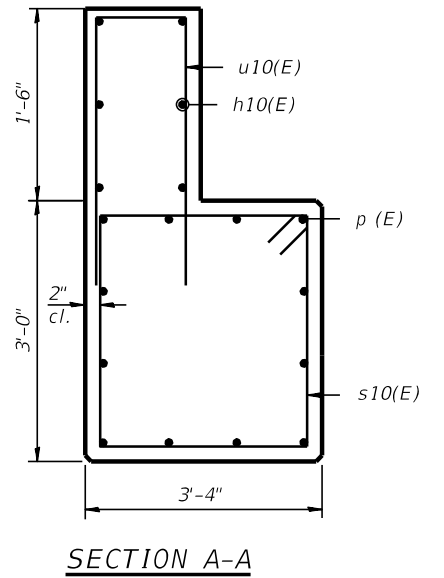
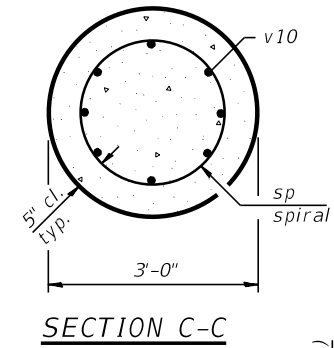
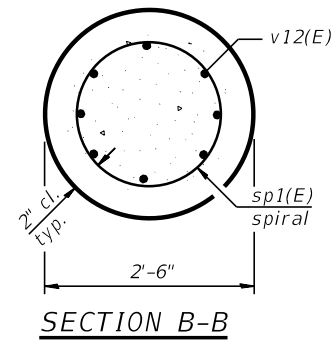
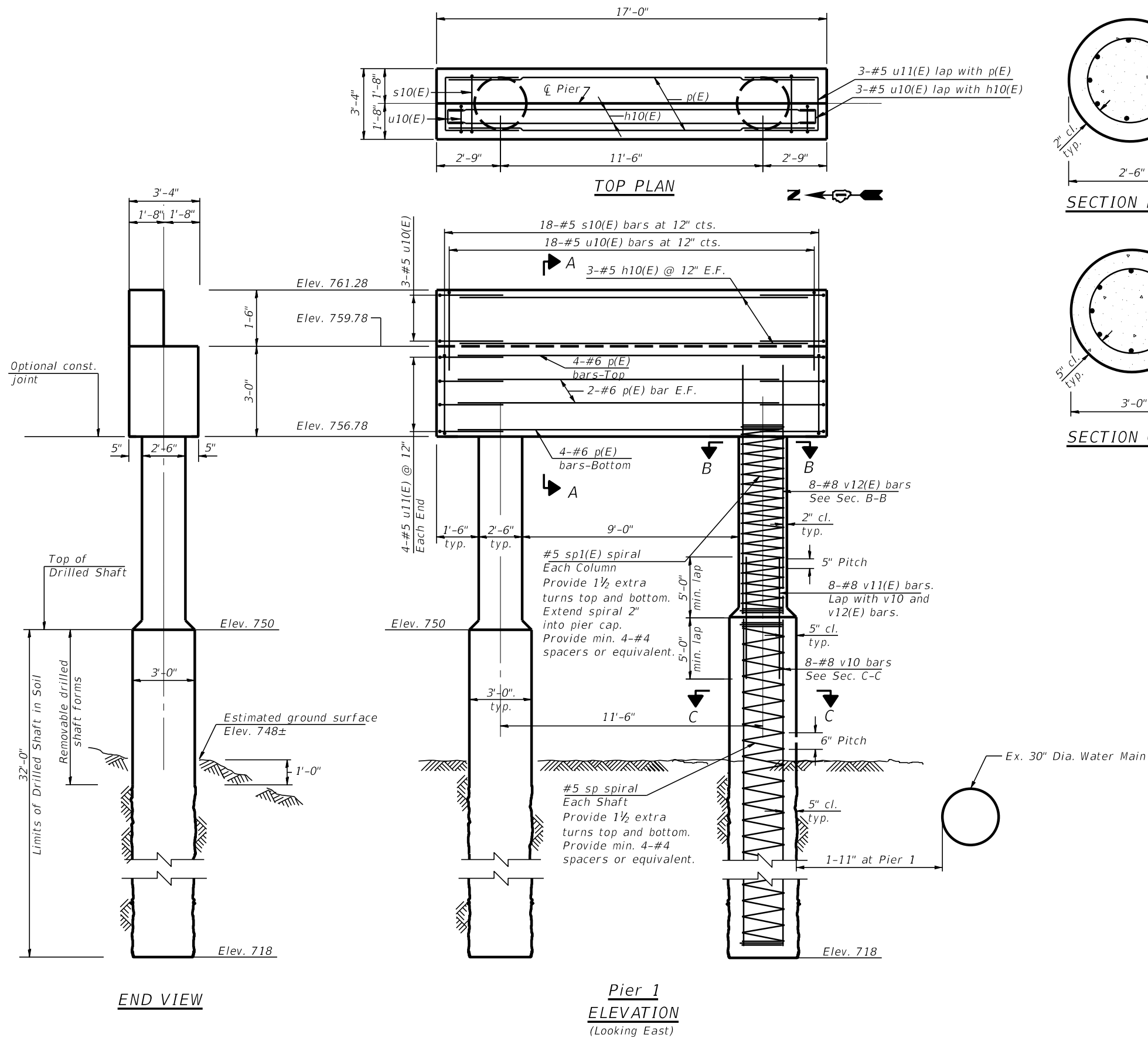
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT SECTION AND DETAILS

SCALE: NTS SHEET S-4 OF S-28 SHEETS STA. 10+00 TO STA. 20+30

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	32
CONTRACT NO. 61M54				

ILLINOIS FED. AID PROJECT



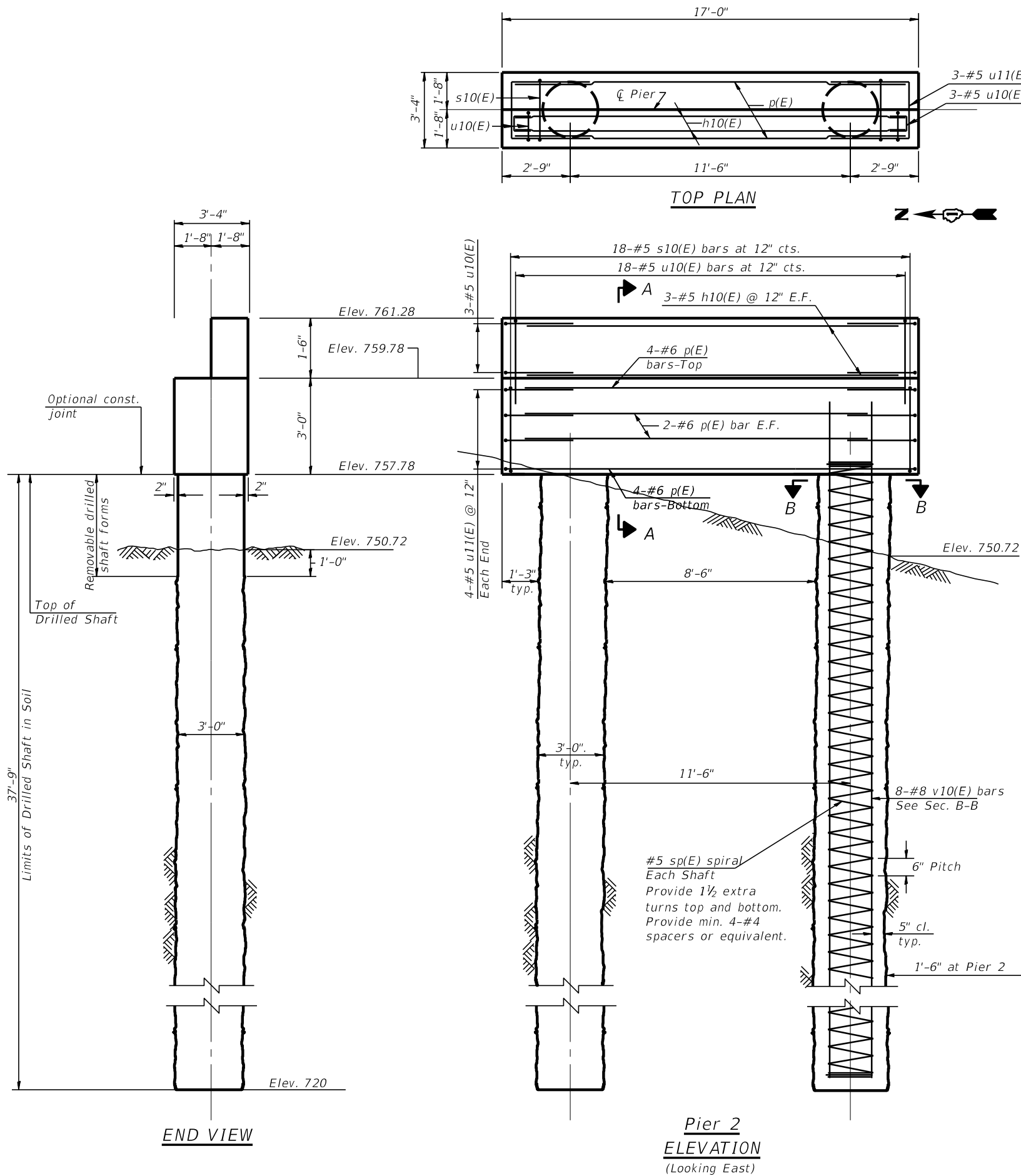
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	6	#5	16'-8"	—
p(E)	12	#6	16'-8"	—
s10(E)	18	#5	12'-3"	□
sp	2	#5	31'-8"	⋈
sp1(E)	2	#5	7'-6"	⋈
u10(E)	18	#5	8'-4"	U
u11(E)	8	#5	9'-0"	U
v10	16	#8	31'-8"	—
v11(E)	16	#8	10'-0"	—
v12(E)	16	#8	9'-3"	—
Concrete Structures			Cu. Yd.	10.4
Reinforcement Bars, Epoxy Coated			Pound	1,980
Reinforcement Bars			Pounds	2,340
Drilled Shaft in Soil			Cu. Yd.	16.8

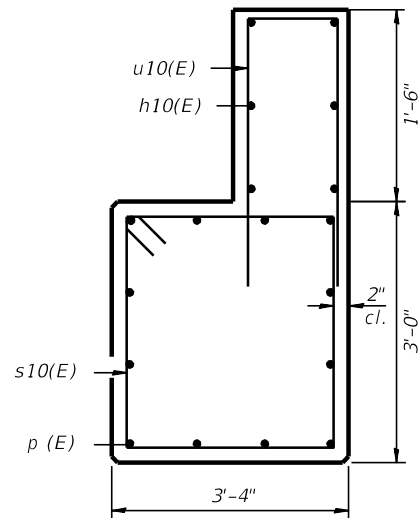
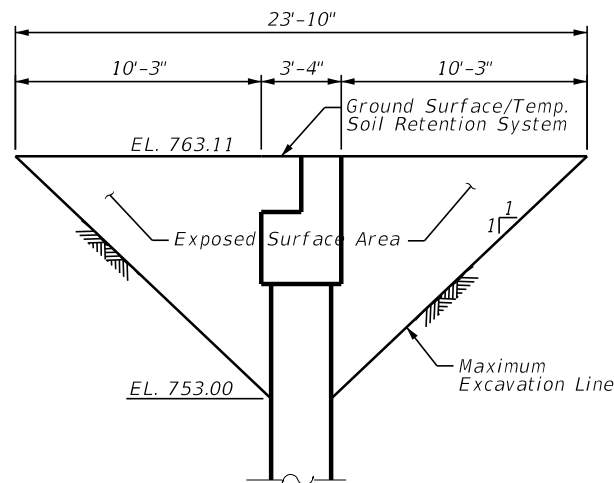
** Length is height of spiral

Default
FILE NAME = N:\ROSELLE\250030\Structure\05-250030-Pier 1 Details.sht

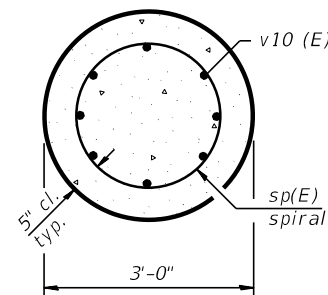
CGB CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 1 SECTION AND DETAILS					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN DMB	REVIS	REVISED -							1321	23-00064-00-BT	DuPAGE	82	33
	PLOT SCALE = 2'	CHECKED JMB	REVISED -		CONTRACT NO. 61M54									
	PLOT DATE = 8/31/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE: NTS	SHEET S-5 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30						



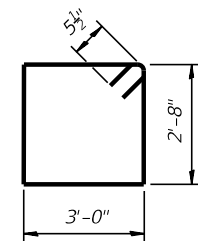
TEMPORARY SOIL RETENTION SYSTEM AT Pier 2
Temporary Soil Retention System Shall be Designed for Railroad Loading



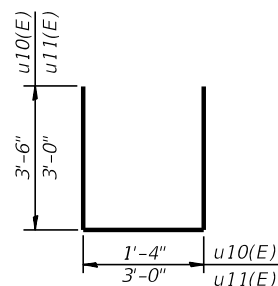
SECTION A-A



SECTION B-B



BAR s10(E)



BAR u(E)

Note:
Temporary Casing mandatory at
South shaft of Pier 1 and Pier 2
Per DWC Requirements

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	6	#5	16'-8"	—
p(E)	12	#6	16'-8"	—
s10(E)	18	#5	12'-3"	□
sp(E)	2	#5	38'-7"	⋈
u10(E)	18	#5	8'-4"	U
u11(E)	8	#5	9'-0"	U
v10(E)	16	#8	40'-1"	—
Concrete Structures		Cu. Yd.	7.9	
Reinforcement Bars, Epoxy Coated		Pound	3,800	
Drilled Shaft in Soil		Cu. Yd.	19.8	

** Length is height of spiral

Default
FILE NAME = N:\ROSELLE\250030\Struct\06-250030-Pier 2 Detail.sht

Benchmark: OSBM M1 X on southerly flange bolt of hydrant at the southwesterly corner of Spring Street & Main Street

Existing Structure: None

Daytime lane closures will be used when needed throughout construction as needed. Full road closure with detour will be needed for two nights while setting the superstructure and casting deck.

DESIGN SPECIFICATIONS
2024 AASHTO LRFD Bridge Design Specifications.
10th Edition

LOADING

Live Load Surcharge = Railroad Surcharge

DESIGN STRESSES

FIELD UNITS
 $f'_c = 3,500$ psi (Wall Facing)
 $f'_c = 3,500$ psi (Encasement)
 $f_y = 60,000$ psi (Reinf.)
 $F_y = 50,000$ psi (W Piles)

SEISMIC DATA

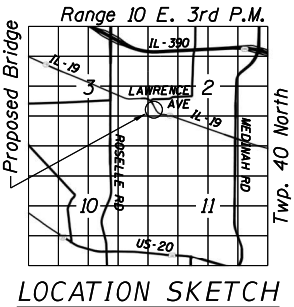
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.085g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.151g
Soil Site Class = D

NOTES

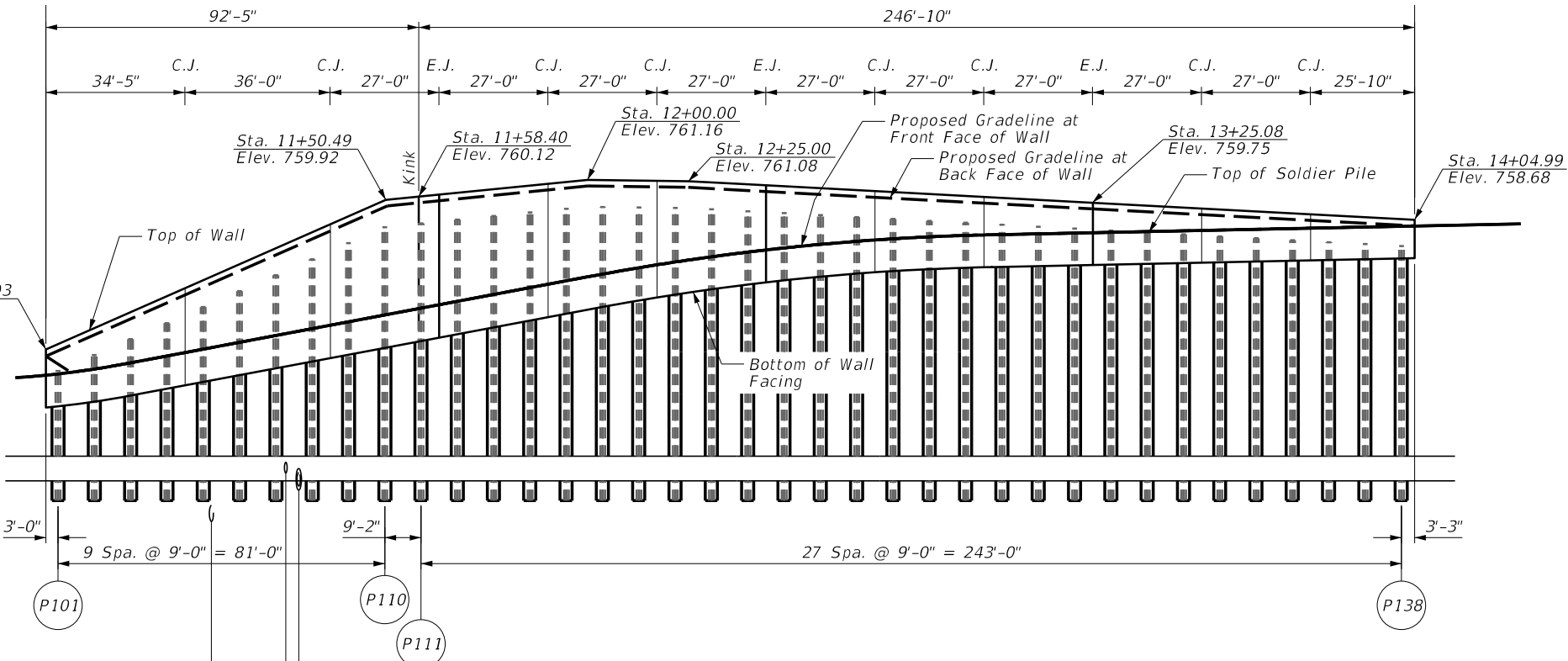
- For Soldier Pile Wall Elevations, Cross Sections, Pile Layout and Details, See Sheets S-15 to S-17.
- All Station and Offsets Are At The Back Face of The Wall Facing
- Exploration Trench (Special) shall be utilized to locate utilities. If conflict exists w/ piles, notify Engineer for direction on adjusting piles.
- Refer to DuPage Water Commission general notes and special provisions for Exploration Trench (special), Construction Vibration Monitoring & Locating Underground Utilities or requirements for work near DWC line.
- Refer to Track Monitoring Special Provision

LEGEND:

- DIP Forcemain (Abandoned)
- PVC Forcemain
- Sanitary Sewer
- Water main
- Storm Sewer
- Soil Boring

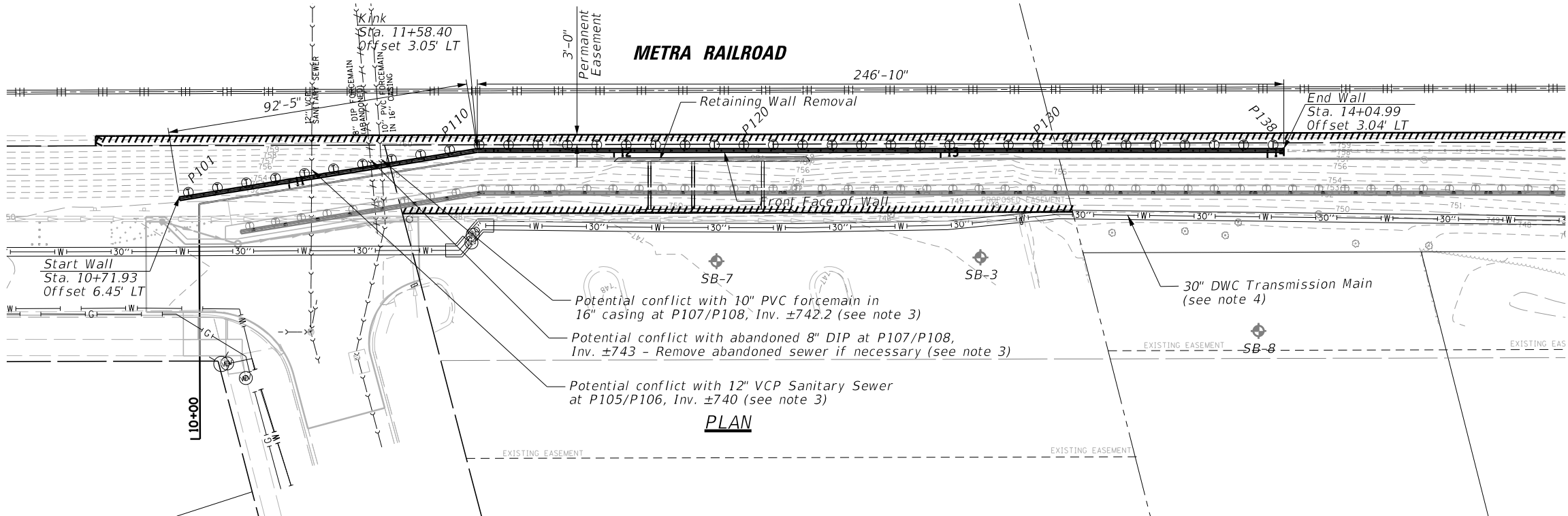


GENERAL PLAN AND ELEVATION
NORTHWEST RETAINING WALL
SECTION 23-00064-00-BT
DuPAGE COUNTY
STA. 10+71.93 TO 14+05.00



ELEVATION

- Potential conflict with 10" PVC forcemain in 16" casing at P107/P108, Inv. ±742.2 (see note 3)
- Potential conflict with abandoned 8" DIP at P107/P108, Inv. ±743 - Remove abandoned sewer if necessary (see note 3)
- Potential conflict with 12" VCP Sanitary Sewer at P105/P106, Inv. ±740 (see note 3)



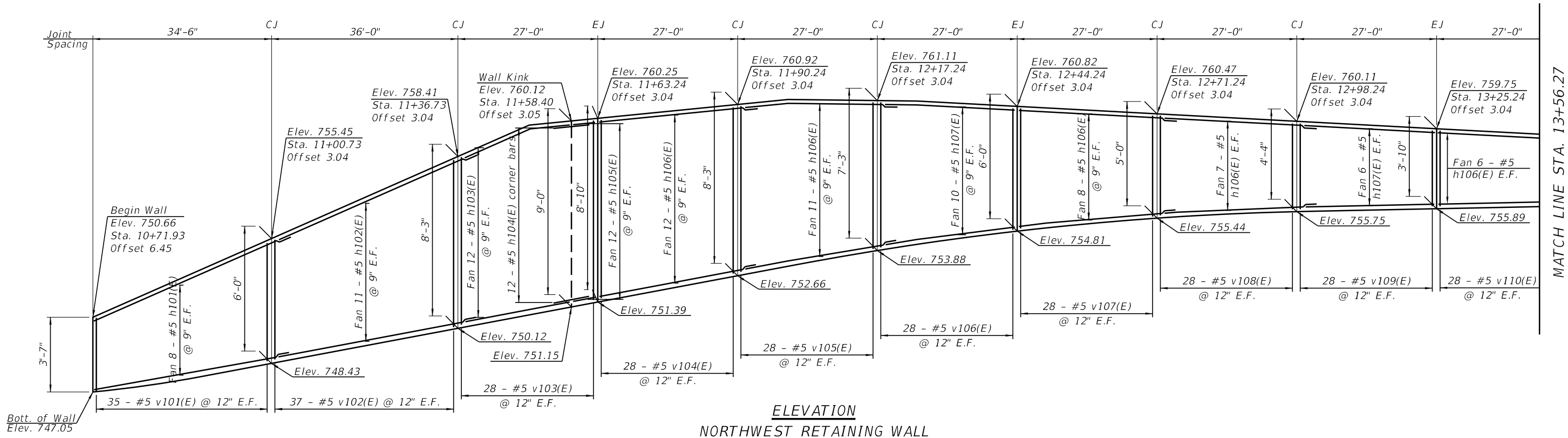
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
NORTHWEST RETAINING WALL

SCALE: 1" = 20' SHEET S-7 OF S-28 SHEETS STA. 10+00 TO STA. 20+30

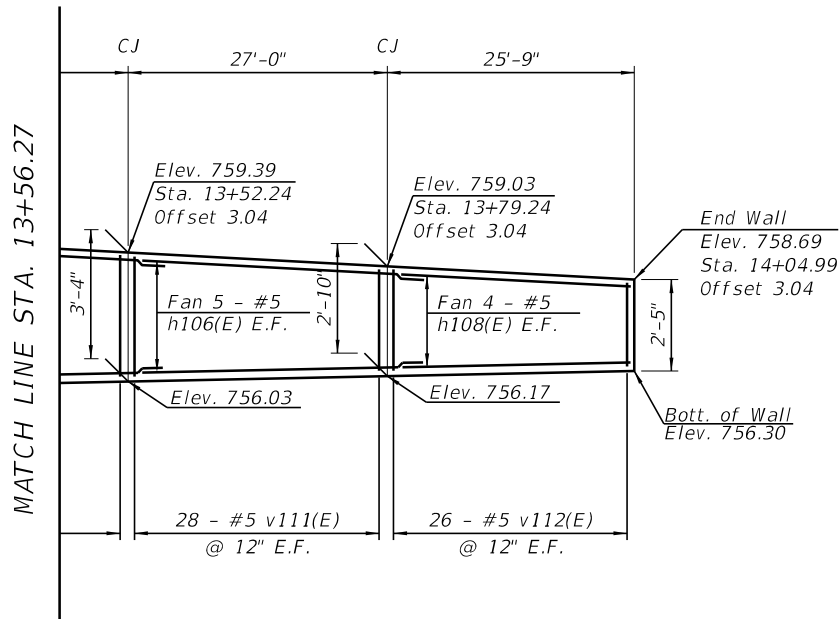
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	35
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

USER NAME = jmler	DESIGNED MM	REVISED -
	DRAWN DMB	REVISED -
PLOT SCALE = 48"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

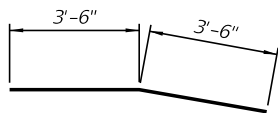


NOTE

Vertical Bars - All Cut To Fit
#5 @ 12" E.F.



ELEVATION
NORTHWEST RETAINING WALL



h104(E)

NOTES

- For Soldier Pile Wall Cross Sections, Pile Layout and Details, See Sheets S-15 to S-17.
- All Station and Offsets Are At The Back Face of The Wall Facing

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h101(E)	16	#5	38'-1"	▬
h102(E)	22	#5	39'-7"	▬
h103(E)	24	#5	21'-8"	▬
h104(E)	24	#5	7'-0"	▬
h105(E)	24	#5	4'-9"	▬
h106(E)	98	#5	30'-4"	▬
h107(E)	32	#5	26'-8"	▬
h108(E)	8	#5	25'-5"	▬
v101(E)	70	#5	5'-8"	▬
v102(E)	74	#5	7'-11"	▬
v103(E)	56	#5	8'-6"	▬
v104(E)	56	#5	8'-6"	▬
v105(E)	56	#5	7'-11"	▬
v106(E)	56	#5	6'-11"	▬
v107(E)	56	#5	5'-8"	▬
v108(E)	56	#5	4'-8"	▬
v109(E)	56	#5	4'-0"	▬
v110(E)	56	#5	3'-6"	▬
v111(E)	56	#5	3'-0"	▬
v112(E)	52	#5	2'-6"	▬
Reinforcement Bars, Epoxy Coated			Pound	10,820
Concrete Structures Retaining Wall			Cu. Yd.	71.1

Default
FILE NAME = N:\ROSELLE\250030\Structure\08-250030-NW Wall-Details.dwg

 CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REINFORCEMENT DETAILS NORTHWEST RETAINING WALL			SCALE: 1" = 10'	SHEET S-8 OF S-28 SHEETS	STA. 10+00 TO STA. 20+30	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 28"	DRAWN DMB	REVISED -								1321	23-00064-00-BT	DuPAGE	82	36
	PLOT DATE = 8/31/2026	CHECKED JMB	REVISED -								CONTRACT NO. 61M54				
		DATE -	REVISED -								ILLINOIS FED. AID PROJECT				

Benchmark: OSBM M1 X on southerly flange bolt of hydrant at the southwesterly corner of Spring Street & Main Street

Existing Structure: None

Daytime lane closures will be used when needed throughout construction as needed. Full road closure with detour will be needed for two nights while setting the superstructure and casting deck.

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications.
10th Edition

LOADING

Live Load Surcharge = Railroad Surcharge

DESIGN STRESSES

FIELD UNITS

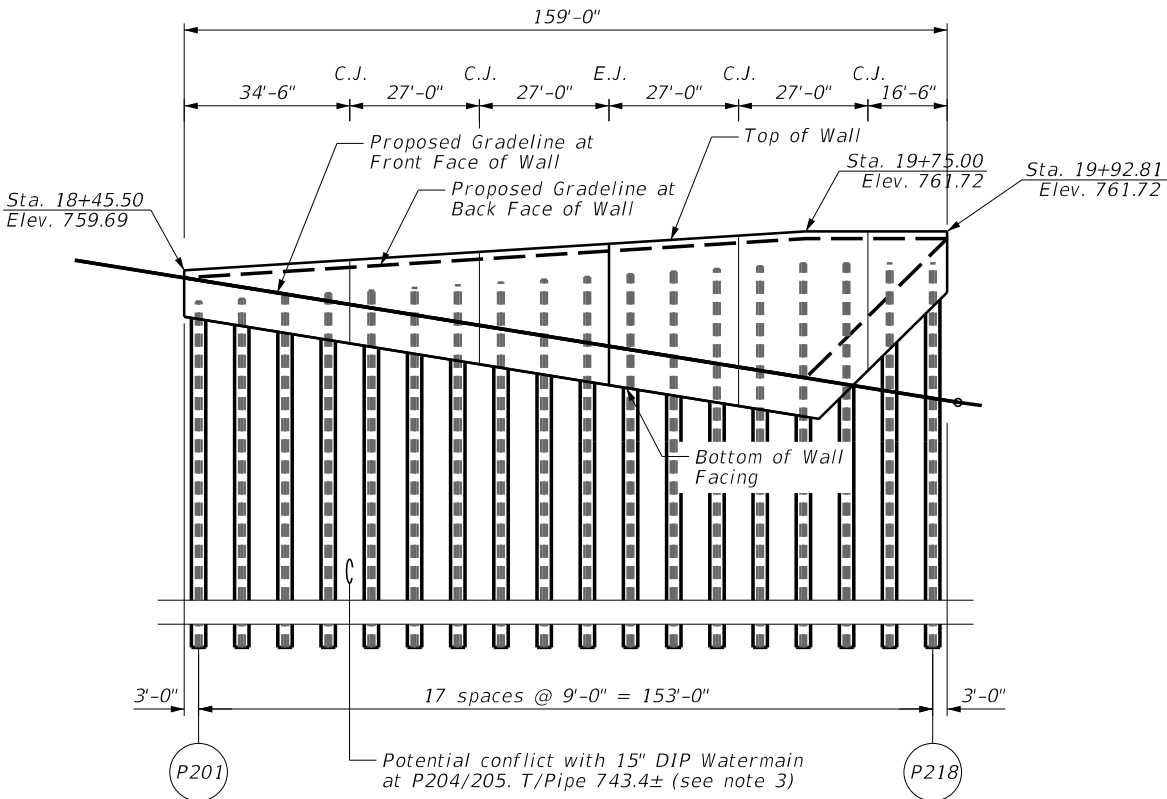
f'_c = 3,500 psi (Wall Facing)
 f'_c = 3,500 psi (Encasement)
 f_y = 60,000 psi (Reinf.)
 F_y = 50,000 psi (W Piles)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) =0.085g
Design Spectral Acceleration at 0.2 sec. (SDS) =0.151g
Soil Site Class = D

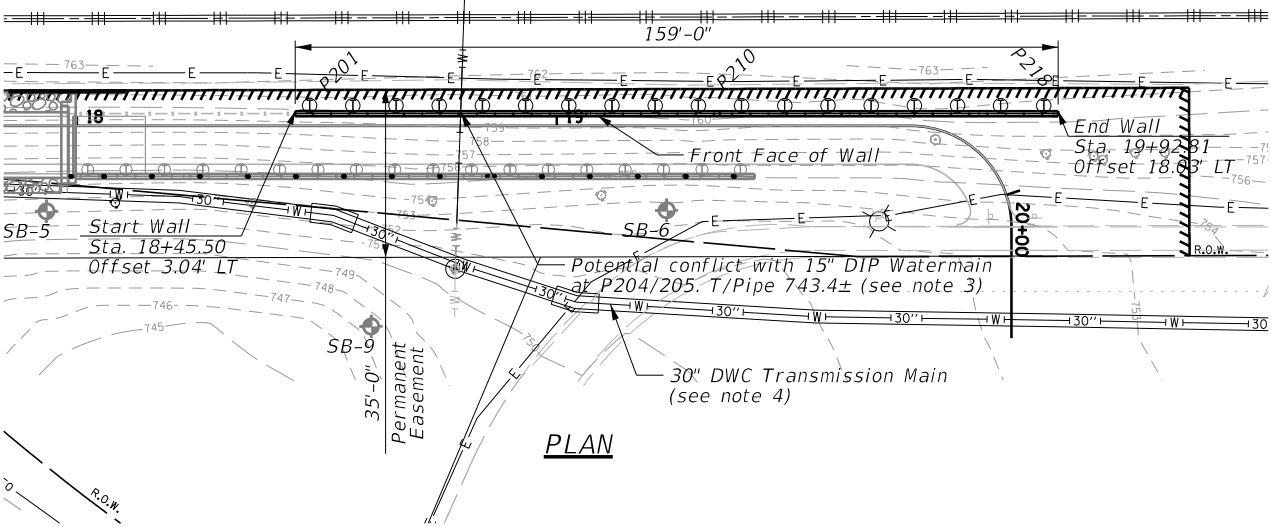
NOTES

- For Soldier Pile Wall Elevations, Cross Sections, Pile Layout and Details, See Sheets S-15 to S-17.
- All Station and Offsets Are At The Back Face of The Wall Facing
- Exploration Trench (Special) shall be utilized to locate utilities. If conflict exists w/ piles, notify Engineer for direction on adjusting piles.
- Refer to DuPage Water Commission general notes and special provisions for Exploration Trench (special), Construction Vibration Monitoring & Locating Underground Utilities or requirements for work near DWC line.
- Refer to Track Monitoring Special Provision

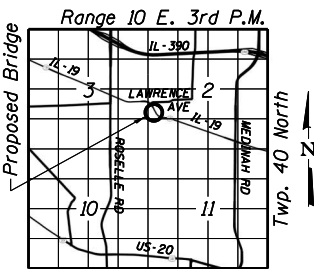


ELEVATION

METRA RAILROAD



PLAN



LOCATION SKETCH

LEGEND:

- DIP Forcemain (Abandoned)
- PVC Forcemain
- Sanitary Sewer
- Water main
- Storm Sewer
- Soil Boring

GENERAL PLAN AND ELEVATION

NORTHEAST RETAINING WALL

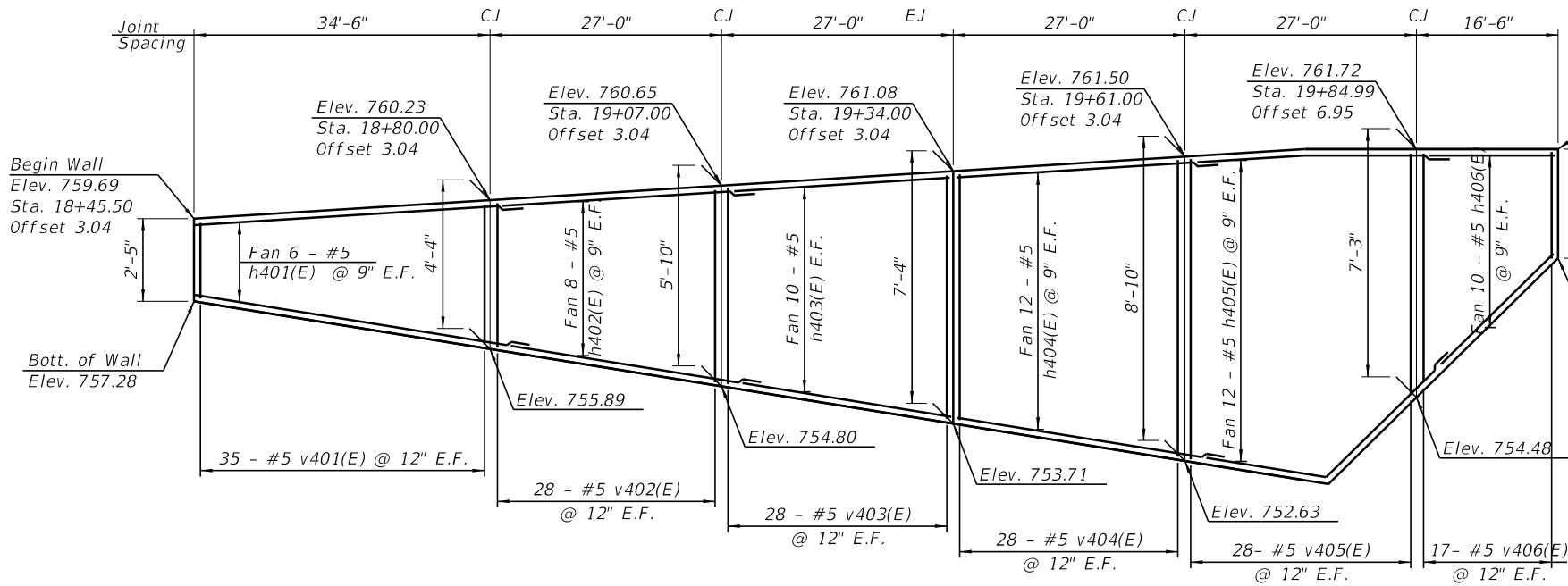
SECTION 23-00064-00-BT

DuPAGE COUNTY

STA. 18+50.00 TO 19+91.12

Default FILE NAME = N:\ROSELLE\250030\Structure\09-250030-GPE-NE Wall.dwg

CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmlr	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION NORTHEAST RETAINING WALL					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN DMB	REVISED -			1321	23-00064-00-BT	DuPAGE	82	37				
	PLOT SCALE = 40'	CHECKED JMB	REVISED -		CONTRACT NO. 61M54									
	PLOT DATE = 8/31/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE: 1" = 20'	SHEET S-9 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30						



ELEVATION
NORTHEAST RETAINING WALL

NOTE

Vertical Bars - All Cut To Fit
#5 @ 12" E.F.

NOTES

1. For Soldier Pile Wall Cross Sections, Pile Layout and Details,
See Sheets S-15 to S-17.
2. All Station and Offsets Are At The Back Face of The Wall Facing

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h401(E)	12	#5	37'-10"	▬▬▬
h402(E)	16	#5	30'-4"	▬▬▬
h403(E)	20	#5	26'-8"	▬▬▬
h404(E)	24	#5	30'-4"	▬▬▬
h405(E)	24	#5	30'-7"	▬▬▬
h406(E)	20	#5	16'-7"	▬▬▬
v401(E)	70	#5	4'-0"	▬▬▬
v402(E)	56	#5	5'-6"	▬▬▬
v403(E)	56	#5	7'-0"	▬▬▬
v404(E)	56	#5	8'-6"	▬▬▬
v405(E)	56	#5	8'-6"	▬▬▬
v406(E)	34	#5	6'-11"	▬▬▬
Reinforcement Bars. Epoxy Coated			Pound	5,670
Concrete Structures Retaining Wall			Cu. Yd.	36.3

Default
FILE NAME = N:\ROSELLE\250030\Structure\10-250030-NE Wall-Details.dwg

CB
CHRISTOPHER B. BURKE ENGINEERING, LTD.
6075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler	DESIGNED MM	REVISED -
	DRAWN DMB	REVISED -
PLOT SCALE = 28"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REINFORCEMENT DETAILS
NORTHEAST RETAINING WALL

SCALE: 1" = 10' SHEET S-10 OF S-28 SHEETS STA. 10+00 TO STA. 20+30

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT		82	38
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

Daytime lane closures will be used when needed throughout construction as needed. Full road closure with detour will be needed for two nights while setting the superstructure and casting deck.

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications.
10th Edition

LOADING

$$\text{Live Load Surcharge} = \text{Railroad Surcharge}$$

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500 \text{ psi (Wall Facing)}$
 $f'_c = 3,500 \text{ psi (Encasement)}$
 $f_y = 60,000 \text{ psi (Reinf.)}$
 $F_y = 50,000 \text{ psi (W Piles)}$

SEISMIC DATA

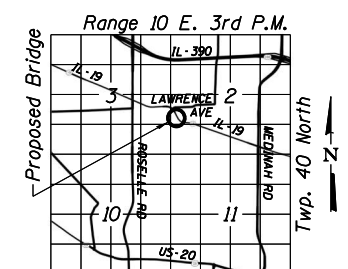
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.085g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.151g
Soil Site Class = D

NOTES

1. For Soldier Pile Wall Elevations, Cross Sections, Pile Layout and Details, See Sheets 5-15 to 5-17.
2. All Station and Offsets Are At The Back Face of The Wall Facing
3. Exploration Trench (Special) shall be utilized to locate utilities. If conflict exists w/ piles, notify Engineer for direction on adjusting piles.
4. Refer to DuPage Water Commission general notes and special provisions for Exploration Trench (special), Construction Vibration Monitoring & Locating Underground Utilities or requirements for for work near DWC line.
5. Refer to Track Monitoring Special Provision

LEGEND:

-



LOCATION SKETCH

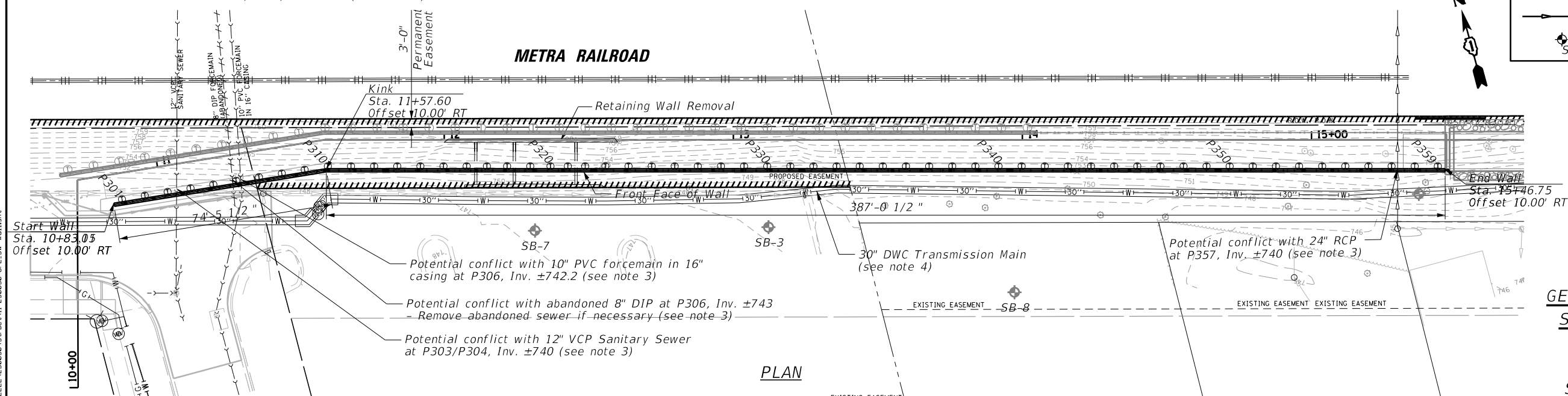
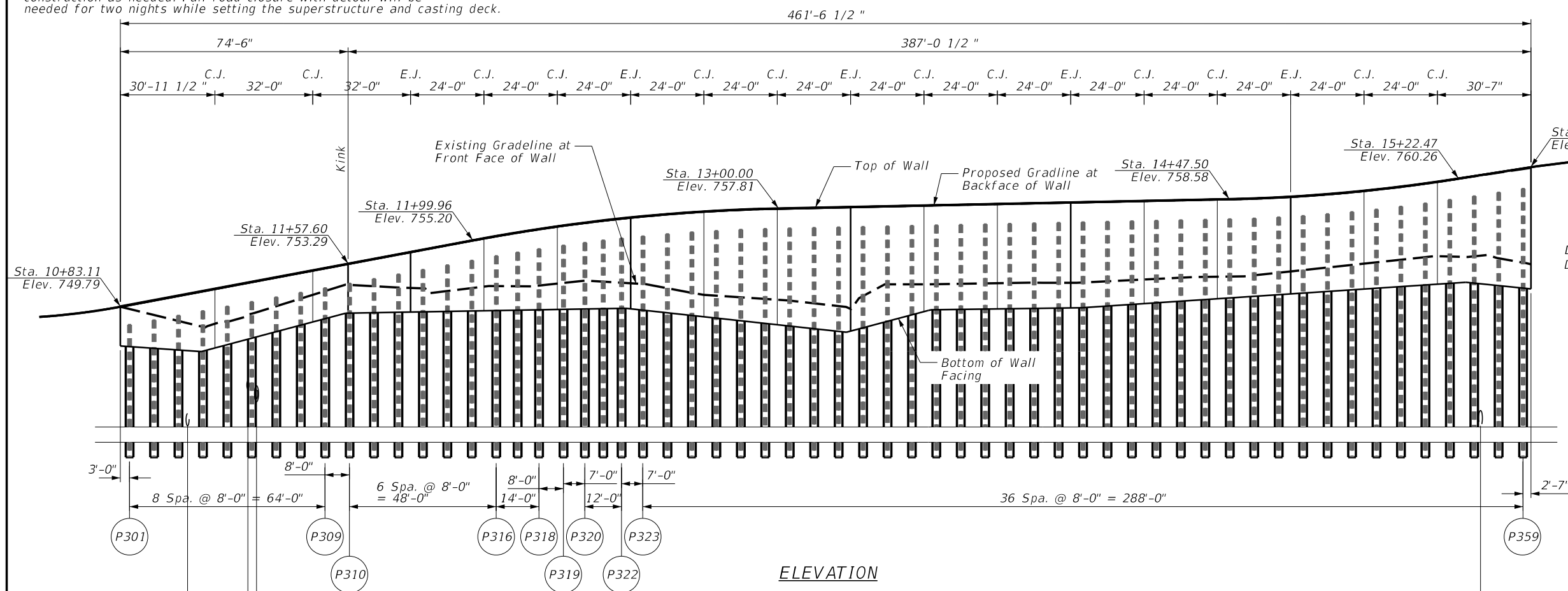
GENERAL PLAN AND ELEVATION

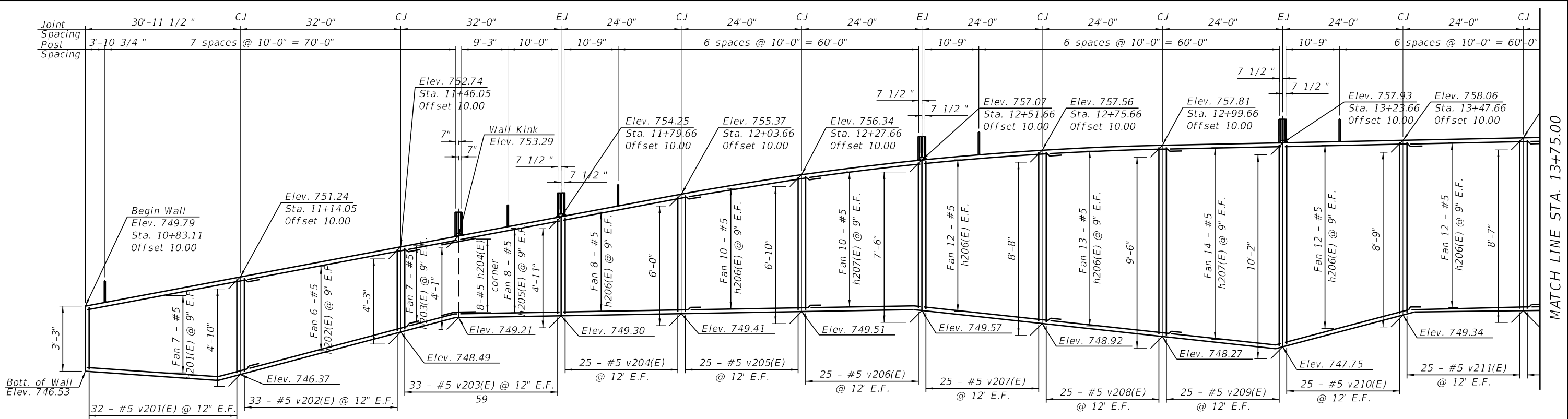
SOUTHWEST RETAININGWALL

SECTION 23-00064-00-

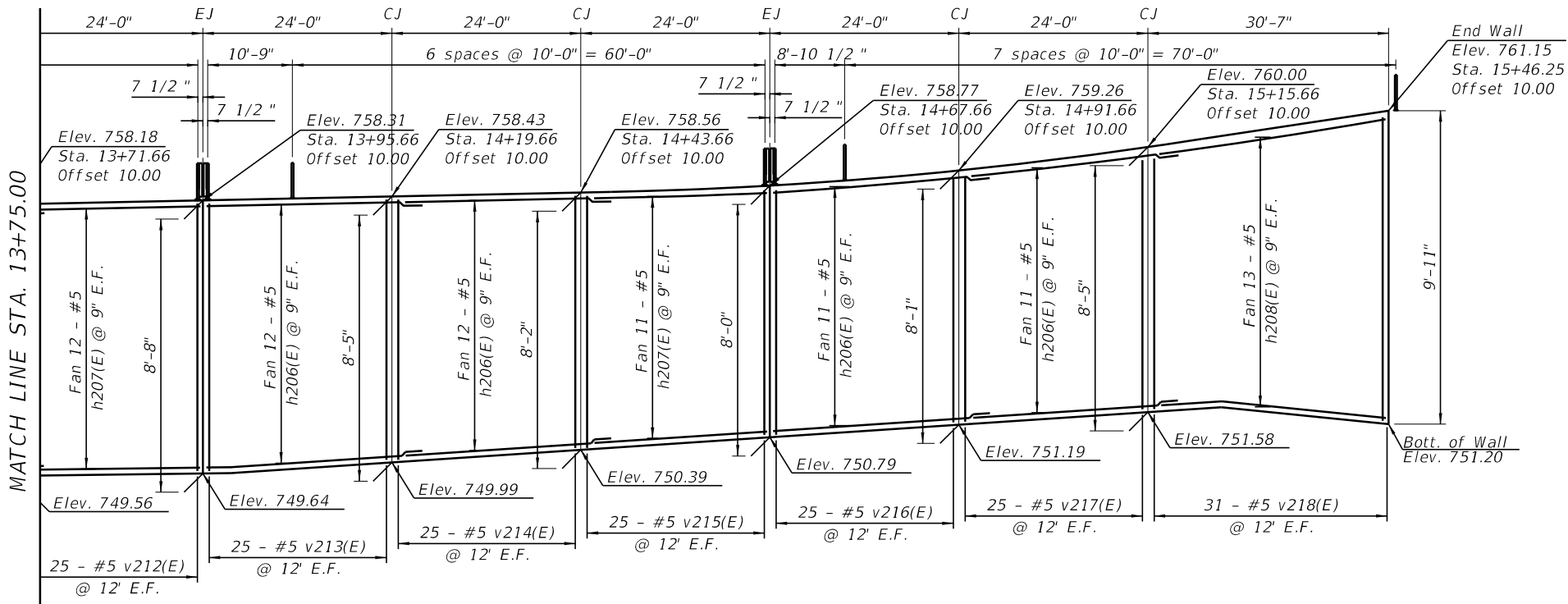
DuPAGE COUNTY

STA. 10+83.05 TO 15+46.75





ELEVATION
SOUTHWEST RETAINING WALL



ELEVATION
SOUTHWEST RETAINING WALL

NOTE

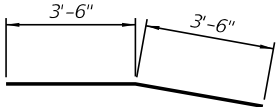
Vertical Bars - All Cut To Fit
#5 @ 12" E.F.

NOTES

- For Soldier Pile Wall Cross Sections, Pile Layout and Details, See Sheets S-15 to S-17.
- All Station and Offsets Are At The Back Face of The Wall Facing

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h201(E)	14	#5	34'-4"	
h202(E)	12	#5	35'-5"	
h203(E)	14	#5	11'-3"	
h204(E)	14	#5	7'-0"	
h205(E)	14	#5	20'-2"	
h206(E)	226	#5	27'-4"	
h207(E)	94	#5	23'-8"	
h208(E)	26	#5	30'-4"	
v201(E)	64	#5	4'-6"	
v202(E)	66	#5	3'-9"	
v203(E)	66	#5	4'-7"	
v204(E)	50	#5	5'-8"	
v205(E)	50	#5	6'-6"	
v206(E)	50	#5	7'-2"	
v207(E)	50	#5	8'-4"	
v208(E)	50	#5	9'-2"	
v209(E)	50	#5	9'-10"	
v210(E)	50	#5	9'-10"	
v211(E)	50	#5	8'-5"	
v212(E)	50	#5	8'-4"	
v213(E)	50	#5	8'-4"	
v214(E)	50	#5	8'-1"	
v215(E)	50	#5	7'-10"	
v216(E)	50	#5	7'-8"	
v217(E)	50	#5	8'-1"	
v218(E)	62	#5	9'-7"	
Reinforcement Bars, Epoxy Coated			Pound	18,490
Concrete Structures Retaining Wall			Cu. Yd.	127.1



h204(E)

Benchmark: OSBM M1 X on southerly flange bolt of hydrant at the southwesterly corner of Spring Street & Main Street

Existing Structure: None

Daytime lane closures will be used when needed throughout construction as needed. Full road closure with detour will be needed for two nights while setting the superstructure and casting deck.

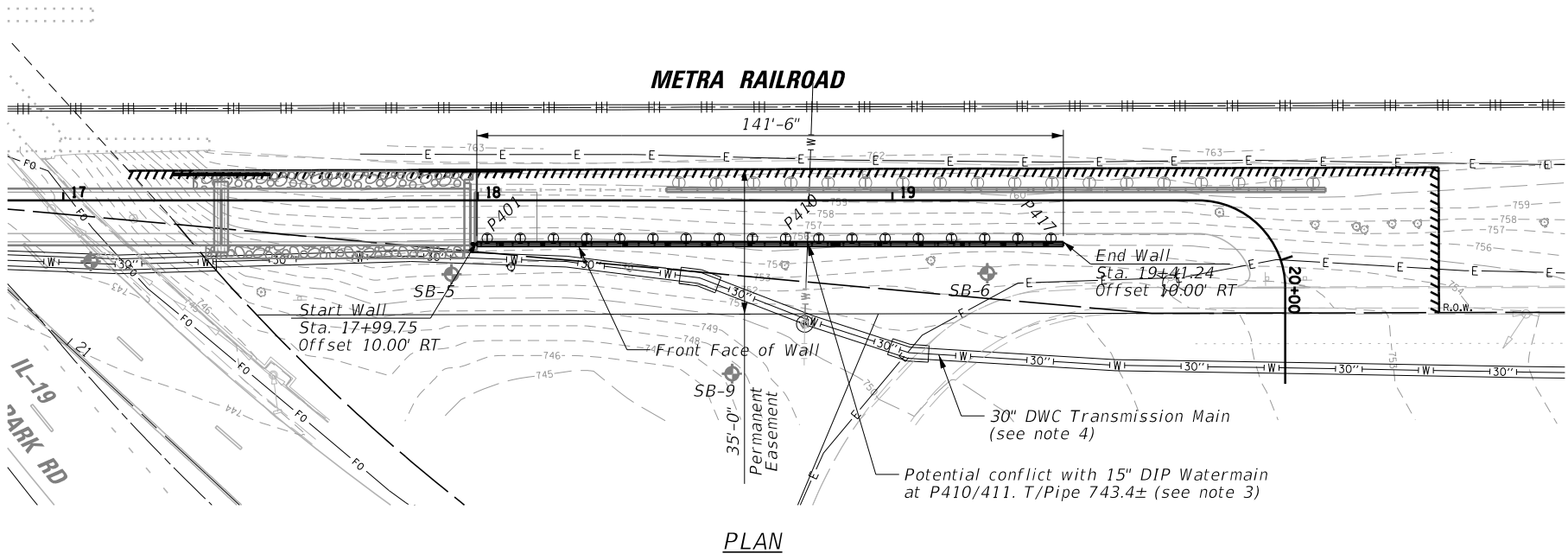
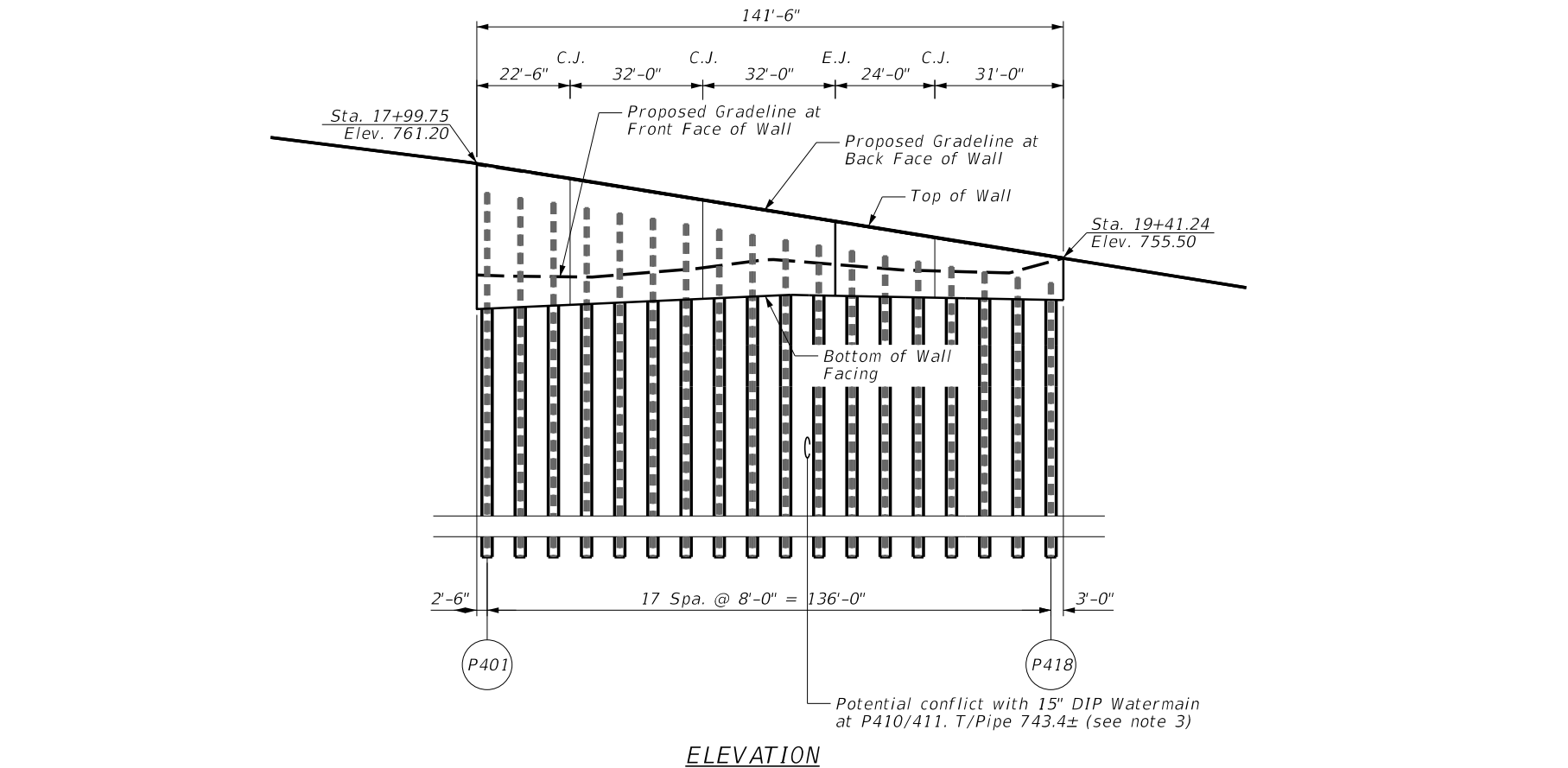
DESIGN SPECIFICATIONS
2024 AASHTO LRFD Bridge Design Specifications.
10th Edition

LOADING
Live Load Surcharge = Railroad Surcharge

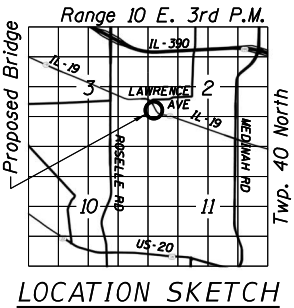
DESIGN STRESSES
FIELD UNITS
 $f'_c = 3,500$ psi (Wall Facing)
 $f'_c = 3,500$ psi (Encasement)
 $f_y = 60,000$ psi (Reinf.)
 $F_y = 50,000$ psi (W Piles)

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) =0.085g
Design Spectral Acceleration at 0.2 sec. (SDS) =0.151g
Soil Site Class = D

- NOTES
- For Soldier Pile Wall Elevations, Cross Sections, Pile Layout and Details, See Sheets S-14 to S-16.
 - All Station and Offsets Are At The Back Face of The Wall Facing
 - Exploration Trench (Special) shall be utilized to locate utilities. If conflict exists w/ piles, notify Engineer for direction on adjusting piles.
 - Refer to DuPage Water Commission general notes and special provisions for Exploration Trench (special), Construction Vibration Monitoring & Locating Underground Utilities or requirements for work near DWC line.
 - Refer to Track Monitoring Special Provision



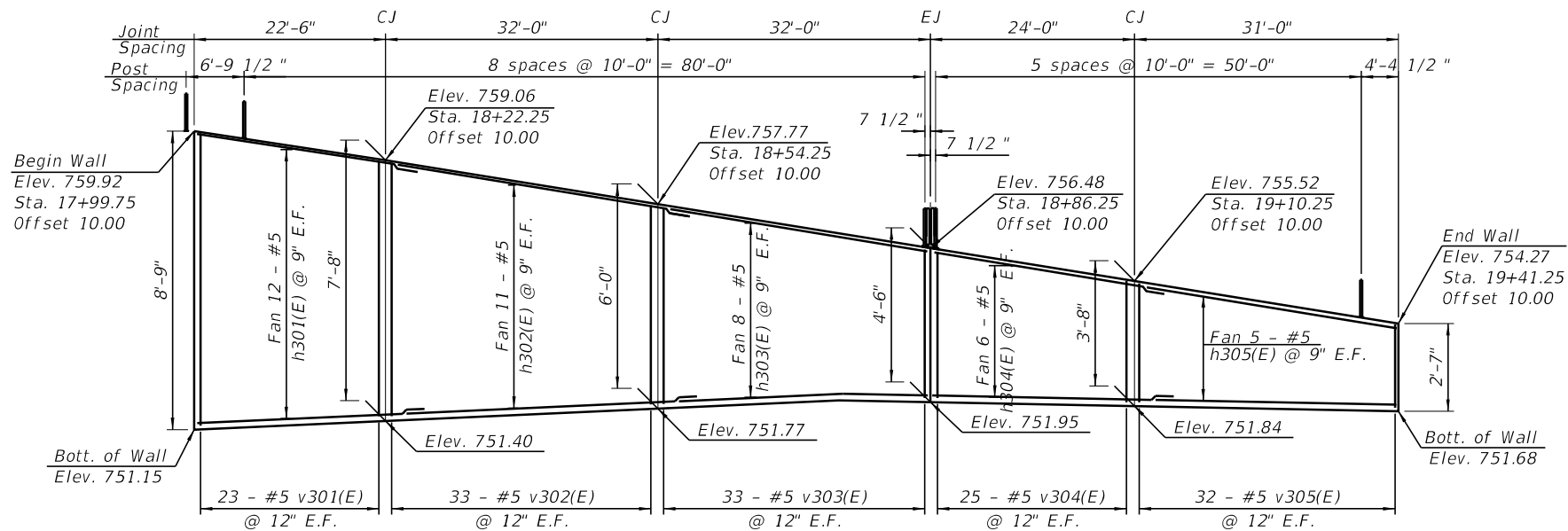
LEGEND:	
	DIP Forcemain (Abandoned)
	PVC Forcemain
	Sanitary Sewer
	Water main
	Storm Sewer
	Soil Boring



GENERAL PLAN AND ELEVATION
SOUTHEAST RETAINING WALL
SECTION 23-00064-00-BT
DuPAGE COUNTY
STA. 17+99.24 TO 19+41.24

Default
FILE NAME = N:\ROSELLE\250030\Structure\13-250030-GPE-SE Wall.sht

CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION SOUTHEAST RETAINING WALL					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN DMB	REVIS -	REVIS -							1321	23-00064-00-BT	DUPAGE	82	41
	PLOT SCALE = 40'	CHECKED JMB	REVIS -									CONTRACT NO. 61M54		
	PLOT DATE = 8/31/2026	DATE -	REVISED -											
					SCALE: 1" = 20'	SHEET S-13 OF S-28 SHEETS	STA. 10+00 TO STA. 20+30	ILLINOIS FED. AID PROJECT						



ELEVATION
SOUTHEAST RETAINING WALL

NOTE

Vertical Bars - All Cut To Fit
#5 @ 12" E.F.

NOTES

- For Soldier Pile Wall Cross Sections, Pile Layout and Details,
See Sheets S-15 to S-17.
- All Station and Offsets Are At The Back Face of The Wall Facing

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h301(E)	24	#5	25'-10"	—
h302(E)	22	#5	35'-4"	—
h303(E)	16	#5	31'-8"	—
h304(E)	12	#5	27'-4"	—
h305(E)	10	#5	30'-8"	—
v301(E)	46	#5	8'-5"	—
v302(E)	66	#5	7'-4"	—
v303(E)	66	#5	5'-8"	—
v304(E)	50	#5	4'-2"	—
v305(E)	64	#5	3'-4"	—
Reinforcement Bars. Epoxy Coated			Pound	4,390
Concrete Structures Retaining Wall			Cu. Yd.	28.4

Default
FILE NAME = N:\ROSELLE\250030\Structure\14-250030-SE Wall-Detail.sht

 CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REINFORCEMENT DETAILS SOUTHEAST RETAINING WALL				RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN DMB	REVIS	REVISED -						1321	23-00064-00-BT	DuPAGE	82	42
	PLOT SCALE = 28'	CHECKED JMB	REVISED -		SCALE: 1" = 10'			CONTRACT NO. 61M54					
	PLOT DATE = 8/31/2026	DATE -	REVISED -		SHEET S-14 OF S-28 SHEETS			ILLINOIS FED. AID PROJECT					
						STA. 10+00 TO STA. 20+30							

Default
FILE NAME = N:\ROSELLE\250030\Structure\15-250030B-Wall_Details_1.sht

NORTHWEST RETAINING WALL												
Mark	Station	Offset	Pile Designation	Drilled Shaft Diamater	T/Pile Elevation	B/Pile Elevation	Existing Ground Elevation At Center of Pile	Top of Shaft	Bottom of Shaft	DWC Temporary Casing Required (see note 1)*	# Shear Studs	Pile Length
P101	10+71.93	-4.87	W27x217	3	749.32	719.32	751.64	747.13	719.32	No	3	30
P102	10+78.23	-4.06	W27x217	3	750.30	720.30	752.42	747.42	720.30	No	4	30
P103	10+87.23	-4.06	W27x217	3	751.29	721.29	753.17	747.80	721.29	No	5	30
P104	10+96.23	-4.06	W27x217	3	752.28	722.28	753.94	748.22	722.28	No	6	30
P105	11+05.23	-4.06	W27x217	3	754.27	724.27	754.82	748.64	724.27	No	8	30
P106	11+14.23	-4.06	W27x217	3	754.26	724.26	755.70	749.06	724.26	No	7	30
P107	11+23.23	-4.06	W27x217	3	755.25	725.25	756.63	749.49	725.25	No	8	30
P108	11+32.23	-4.06	W27x217	3	756.24	721.24	757.46	749.91	721.24	No	9	35
P109	11+41.23	-4.06	W27x217	3	757.23	722.23	758.29	750.33	722.23	No	10	35
P110	11+50.23	-4.06	W27x217	3	758.22	718.22	759.12	750.75	718.22	No	10	40
P111	11+58.74	-4.23	W27x217	3	758.47	718.47	759.99	751.18	718.47	No	10	40
P112	11+67.74	-4.23	W27x217	3	758.69	718.69	760.06	751.60	718.69	No	10	40
P113	11+76.74	-4.23	W27x217	3	758.91	718.91	760.00	752.02	718.91	No	10	40
P114	11+85.74	-4.23	W27x217	3	759.14	719.14	760.63	752.45	719.14	No	9	40
P115	11+94.74	-4.23	W27x217	3	759.36	719.36	760.64	752.87	719.36	No	9	40
P116	12+03.74	-4.23	W27x217	3	759.48	719.48	760.60	753.29	719.48	No	9	40
P117	12+12.74	-4.23	W27x217	3	759.45	724.45	760.59	753.69	724.45	No	8	35
P118	12+21.74	-4.23	W27x217	3	759.42	724.42	760.58	754.05	724.42	No	8	35
P119	12+30.74	-4.23	W27x217	3	759.33	724.33	760.56	754.38	724.33	No	7	35
P120	12+39.74	-4.23	W27x217	3	759.21	724.21	760.55	754.68	724.21	No	7	35
P121	12+48.74	-4.23	W27x217	3	759.09	724.09	760.45	754.94	724.09	No	6	35
P122	12+57.74	-4.23	W27x217	3	758.97	723.97	760.26	755.16	723.97	No	6	35
P123	12+66.74	-4.23	W27x217	3	758.85	723.85	760.08	755.35	723.85	No	5	35
P124	12+75.74	-4.23	W27x217	3	758.74	723.74	759.45	755.51	723.74	No	5	35
P125	12+84.74	-4.23	W27x217	3	758.62	728.62	759.39	755.63	728.62	No	4	30
P126	12+93.74	-4.23	W27x217	3	758.50	728.50	759.34	755.72	728.50	No	4	30
P127	13+02.74	-4.23	W27x217	3	758.38	728.38	759.17	755.77	728.38	No	4	30
P128	13+11.74	-4.23	W27x217	3	758.26	728.26	758.92	755.82	728.26	No	4	30
P129	13+20.74	-4.23	W27x217	3	758.14	728.14	758.71	755.87	728.14	No	4	30
P130	13+29.74	-4.23	W27x217	3	758.02	728.02	759.02	755.91	728.02	No	3	30
P131	13+38.74	-4.23	W27x217	3	757.90	727.90	759.02	755.96	727.90	No	3	30
P132	13+47.74	-4.23	W27x217	3	757.78	727.78	759.01	756.01	727.78	No	3	30
P133	13+56.74	-4.23	W27x217	3	757.66	732.66	759.00	756.05	732.66	No	3	25
P134	13+65.74	-4.23	W27x217	3	757.54	732.54	759.00	756.10	732.54	No	3	25
P135	13+74.74	-4.23	W27x217	3	757.42	732.42	759.01	765.15	732.42	No	3	25
P136	13+83.74	-4.23	W27x217	3	757.30	732.30	759.01	756.19	732.30	No	3	25
P137	13+92.74	-4.23	W27x217	3	757.18	732.18	759.00	756.24	732.18	No	3	25
P138	14+01.74	-4.23	W27x217	3	757.06	732.06	759.00	756.29	732.06	No	3	25

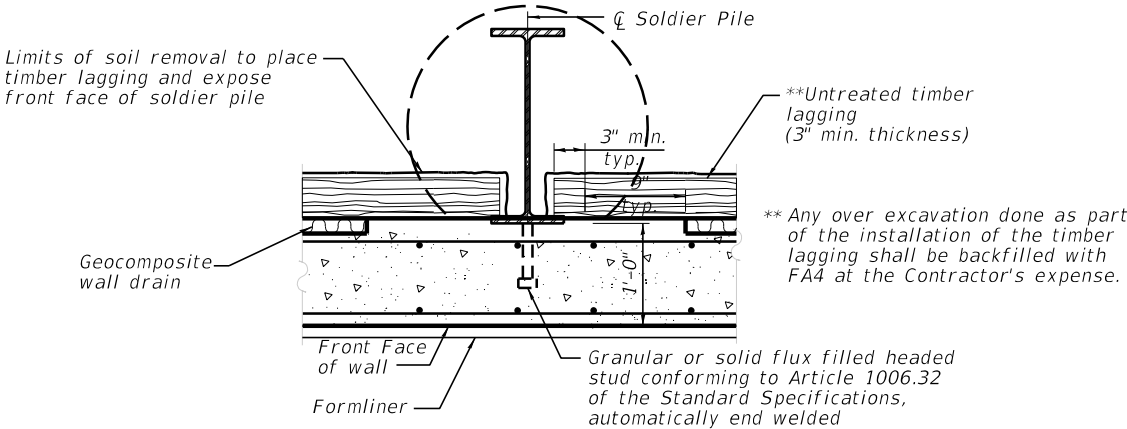
NORTHEAST RETAINING WALL												
Mark	Station	Offset	Pile Designation	Drilled Shaft Diamater	T/Pile Elevation	B/Pile Elevation	Existing Ground Elevation At Center of Pile	Top of Shaft	Bottom of Shaft	DWC Temporary Casing Required (see note 1)*	# Shear Studs	Pile Length
P201	18+48.50	-4.23	W27x217	3	758.06	728.06	760.34	757.16	728.06	No	3	30
P202	18+57.50	-4.23	W27x217	3	758.21	728.21	760.41	756.80	728.21	No	3	30
P203	18+66.50	-4.23	W27x217	3	758.35	728.35	760.49	756.43	728.35	No	3	30
P204	18+75.50	-4.23	W27x217	3	758.49	723.49	760.41	756.07	723.49	No	4	35
P205	18+84.50	-4.23	W27x217	3	758.63	723.63	760.46	755.71	723.63	No	4	35
P206	18+93.50	-4.23	W27x217	3	758.77	723.77	760.52	755.35	723.77	No	5	35
P207	19+02.50	-4.23	W27x217	3	758.91	723.91	760.58	754.98	723.91	No	6	35
P208	19+11.50	-4.23	W27x217	3	759.05	724.05	760.59	754.62	724.05	No	6	35
P209	19+20.50	-4.23	W27x217	3	759.19	724.19	760.71	754.26	724.19	No	7	35
P210	19+29.50	-4.23	W27x217	3	759.34	714.34	760.79	753.90	714.34	No	8	45
P211	19+38.50	-4.23	W27x217	3	759.48	714.48	760.82	753.53	714.48	No	8	45
P212	19+47.50	-4.23	W27x217	3	759.62	714.62	760.82	753.17	714.62	No	9	45
P213	19+56.50	-4.23	W27x217	3	759.76	714.76	760.54	752.81	714.76	No	10	45
P214	19+65.50	-4.23	W27x217	3	759.90	714.90	760.59	752.45	714.90	No	10	45
P215	19+74.38	-4.24	W27x217	3	760.04	715.04	761.24	752.08	715.04	No	11	45
P216	19+81.50	-6.04	W27x217	3	760.05	715.05	761.09	753.37	715.05	No	9	45
P217	19+87.18	-10.43	W27x217	3	760.05	715.05	760.93	755.59	715.05	No	6	45
P218	19+91.25	-16.50	W27x217	3	760.05	715.05	760.77	757.80	715.05	No	4	45

SOUTHWEST RETAINING WALL												
Mark	Station	Offset	Pile Designation	Drilled Shaft Diamater	T/Pile Elevation	B/Pile Elevation	Existing Ground Elevation At Center of Pile	Top of Shaft	Bottom of Shaft	DWC Temporary Casing Required (see note 1)*	# Shear Studs	Pile Length
P301	10+86.11	9.11	W21x101	2.5	748.26	723.26	748.45	746.48	723.26	No	3	25
P302	10+94.11	9.11	W21x101	2.5	748.63	723.63	748.32	746.34	723.63	No	4	25
P303	11+02.11	9.11	W21x101	2.5	749.01	724.01	748.42	746.20	724.01	No	4	25
P304	11+10.11	9.11	W21x101	2.5	749.38	724.38	748.75	746.10	724.38	No	5	25
P305	11+18.11	9.11	W21x101	2.5	749.76	724.76	749.19	746.64	724.76	No	5	25
P306	11+26.11	9.11	W21x101	2.5	750.14	725.14	750.10	747.17	725.14	No	4	25
P307	11+34.11	9.11	W21x101	2.5	750.51	725.51	750.78	747.70	725.51	No	4	25
P308	11+42.11	9.11	W21x101	2.5	750.89	725.89	751.40	748.23	725.89	No	4	25
P309	11+50.11	9.11	W21x101	2.5	751.26	721.26	752.02	748.76	721.26	No	4	30
P310	11+59.72	9.11	W21x101	2.5	751.64	721.64	752.60	749.21	721.64	No	4	30
P311	11+67.72	9.11	W21x101	2.5	752.02	722.02	752.49	749.25	722.02	No	4	30
P312	11+75.72	9.11	W21x101	2.5	752.39	722.39	752.38	749.28	722.39	No	5	30
P313	11+83.72	9.11	W21x101	2.5	752.77	722.77	752.32	749.32	722.77	No	5	30
P314	11+91.72	9.11	W21x101	2.5	753.14	723.14	751.84	749.35	723.14	No	6	30
P315	11+99.72	9.11	W21x101	2.5	753.52	723.52	752.08	749.39	723.52	No	6	30
P316	12+07.72	9.11	W21x101	2.5	753.88	723.88	752.22	749.42	723.88	No	6	30
P317	12+14.72	9.11	W21x101	2.5	754.18	724.18	752.21	749.46	724.18	No	7	30
P318	12+21.72	9.11	W21x101	2.5	754.46	724.46	752.37	749.49	724.46	No	7	30
P319	12+29.72	9.11	W21x101	2.5	754.75	724.75	752.59	749.52	724.75	No	7	30
P320	12+36.72	9.11	W21x101	2.5	754.98	724.98	752.77	749.55	724.98	No	8	30
P321	12+42.72	9.11	W21x101	2.5	755.16	725.16	752.90	749.58	725.16	No	8	30
P322	12+48.72	9.11	W21x101	2.5	755.33	725.33	752.81	749.60	725.33	No	8	30
P323	12+55.72	9.11	W21x101	2.5	755.50	720.50	752.70	749.46	720.50	No	9	35
P324	12+63.72	9.11	W21x101	2.5	755.68	720.68	752.38	749.24	720.68	No	9	35
P325	12+71.72	9.11	W21x101	2.5	755.83	720.83	752.02	749.02	720.83	No	10	35
P326	12+79.72	9.11	W21x101	2.5	755.95	720.95	751.81	748.81	720.95	No	10	35
P327	12+87.72	9.11	W21x101	2.5	756.05	716.05	751.68	748.59	716.05	No	10	40
P328	12+95.72	9.11	W21x101	2.5	756.11	716.11	751.55	748.37	716.11	No	11	40
P329	13+03.72	9.11	W21x101	2.5	756.16	716.16	751.35	748.16	716.16	No	11	40
P330	13+11.72	9.11	W21x101	2.5	756.20	716.20	751.12	747.94	716.20	No	12	40
P331	13+19.72	9.11	W21x101	2.5	756.24	716.24	750.90	747.73	716.24	No	12	40
P332	13+27.72	9.11	W21x101	2.5	756.28	716.28	751.74	748.02	716.28	No	12	40
P333	13+35.72	9.11	W21x101	2.5	756.32	716.32	752.50	748.55	716.32	No	11	40
P334	13+43.72	9.11	W21x101	2.5	756.37	716.37	752.49	749.08	716.37	No	10	40
P335	13+51.72	9.11	W21x101	2.5	756.41	716.41	752.49	749.50	716.41	No	10	40
P336	13+59.72	9.11	W21x101	2.5	756.45	716.45	752.52	749.52	716.45	No	10	40
P337	13+67.72	9.11	W21x101	2.5	756.49	716.49	752.56	749.55	716.49	No	10	40
P338	13+75.72	9.11	W21x101	2.5	756.53	716.53	752.59	749.57	716.53	No	10	40
P339	13+83.72	9.11	W21x101	2.5	756.57	721.57	752.61	749.60	721.57	No	10	35
P340	13+91.72	9.11	W21x101	2.5	756.62	721.62	752.61	749.62	721.62	No	10	35
P341	13+99.72	9.11	W21x101	2.5	756.66	721.66	752.60	749.66	721.66	No	10	35
P342	14+07.72	9.11	W21x101	2.5	756.70	721.70	752.69	749.79	721.70	No	10	35
P343	14+15.72	9.11	W21x101	2.5	756.74	721.74	752.78	749.92	721.74	No	10	35
P344	14+23.72	9.11	W21x101	2.5	756.78	721.78	752.88	750.06	721.78	No	9	35
P345	14+31.72	9.11	W21x101	2.5	756.82	721.82	752.98	750.19	721.82	No	9	35
P346	14+39.72	9.11	W21x101	2.5	756.86	721.86	753.04	750.32	721.86	No	9	35
P347	14+47.72	9.11	W21x101	2.5	756.91	721.91	753.07	750.45	721.91	No	9	35
P348	14+55.72	9.11	W21x101	2.5	756.96	721.96	753.10	750.59	721.96	No	9	35
P349	14+63.72	9.11	W21x101	2.5	757.05	722.05	753.31	750.72	722.05	No	9	35
P350	14+71.72	9.11	W21x101	2.5	757.17	722.17	753.53	750.85	722.17	No	9	35
P351	14+79.72	9.11	W21x101	2.5	757.31	722.31	753.74	750.99	722.31	No	9	35
P352	14+87.72	9.11	W21x101	2.5	757.49	722.49	753.95	751.12	722.49	No	9	35
P353	14+95.72	9.11	W21x101	2.5	757.69	722.69	754.16	751.25	722.69	No	9	35
P354	15+03.72	9.11	W21x101	2.5	757.93	722.93	754.37	751.39	722.93	No	9	35
P355	15+11.72	9.11	W21x101	2.5	758.19	723.19	754.56	751.52	723.19	No	9	35
P356	15+19.72	9.11	W21x101	2.5	758.48	723.48	754.51	751.65	723.48	No	10	35
P357	15+27.72	9.11	W21x101	2.5	758.78	723.78	754.51	751.67	723.78	No	10	35
P358	15+35.72	9.11	W21x101	2.5	759.08	724.08	754.69	751.47	724.08	No	11	35
P359	15+43.72	9.11	W21x101	2.5	759.39	724.39	754.18	751.27	724.39	No	11	35

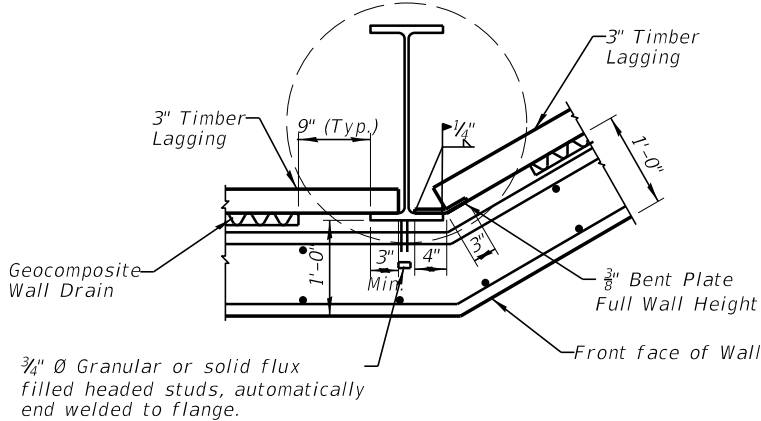
SOUTHEAST RETAINING WALL												
Mark	Station	Offset	Pile Designation	Drilled Shaft Diamater	T/Pile Elevation	B/Pile Elevation	Existing Ground Elevation At Center of Pile	Top of Shaft	Bottom of Shaft	DWC Temporary Casing Required (see note 1)*	# Shear Studs	Pile Length
P401	18+02.25	9.11	W21x101	2.5	759.38	724.38	755.09	752.41	724.38	Yes	10	35
P402	18+10.25	9.11	W21x101	2.5	759.08	724.08	755.07	752.50	724.08	Yes	9	35
P403	18+18.25	9.11	W21x101	2.5	758.78	723.78	755.05	752.59	723.78	Yes	9	35
P404	18+26.25	9.11	W21x101	2.5	758.46	723.46	755.03	752.68	723.46	Yes	8	35
P405	18+34.25	9.11	W21x101	2.5	758.14	723.14	755.16	752.77	723.14	Yes	8	35
P406	18+42.25	9.11	W21x101	2.5	757.82	722.82	755.32	752.86	722.82	No	7	35
P407	18+50.25	9.11	W21x101	2.5	757.50	722.50	755.48	752.95	722.50	No	7	35
P408	18+58.25	9.11	W21x101	2.5	757.17	727.17	755.64	753.04	727.17	No	6	30
P409	18+66.25	9.11	W21x101	2.5	756.85	726.85	755.83	753.13	726.85	No	5	30
P410	18+74.25	9.11	W21x101	2.5	756.53	726.53	755.89	753.23	726.53	No	5	30
P411	18+82.25	9.11	W21x101	2.5	756.21	726.21	755.73	753.21	726.21	No	5	30
P412	18+90.25	9.11	W21x101	2.5	755.88	725.88	755.67	753.17	725.88	No	4	30
P413	18+98.25	9.11	W21x101	2.5	755.56	725.56	755.61	753.13	725.56	No	4	30
P414	19+06.25	9.11	W21x101	2.5	755.24	730.24	755.56	753.09	730.24	No	3	25
P415	19+14.25	9.11	W21x101	2.5	754.92	729.92	755.50	753.05	729.92	No	3	25
P416	19+22.25	9.11	W21x101	2.5	754.59	729.59	755.44	753.01	729.59	No	3	25
P417	19+30.25	9.11	W21x101	2.5	754.27	729.27	755.45	752.97	729.27	No	3	25
P418	19+38.25	9.11	W21x101	2.5	753.95	728.95	755.66	752.93	728.95	No	3	25

Notes:

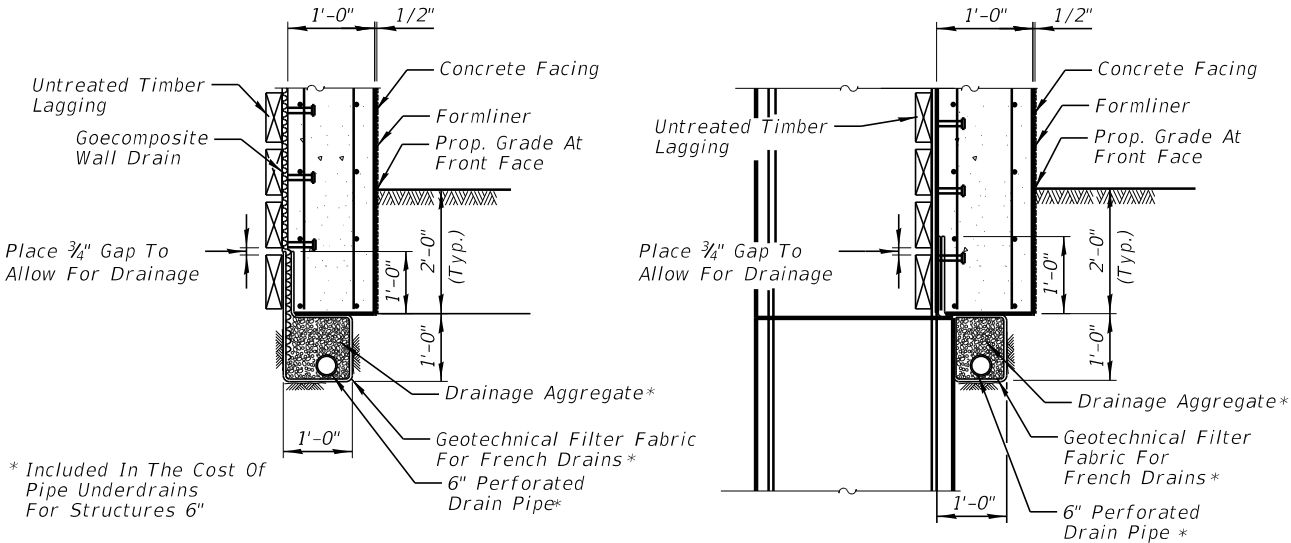
1. Per DuPage Water Commission, all drilled shafts within 5 feet of the DWC Transmission Main shall be done in a Temporary Casing. Temporary Casing is included in the cost of Drilling and Setting Soldier Piles (in soil). Temporary casings maybe required at other locations. Refer to Geotechnical report to determine locations of additional temporary casings. Temporary casing shall be included in the cost of Drilling and Setting Soldier Piles (in soil).



SECTION THRU SOLDIER PILE

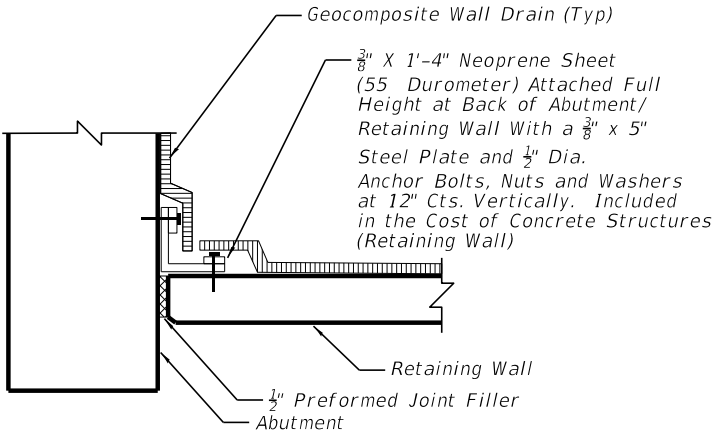


CORNER DETAIL

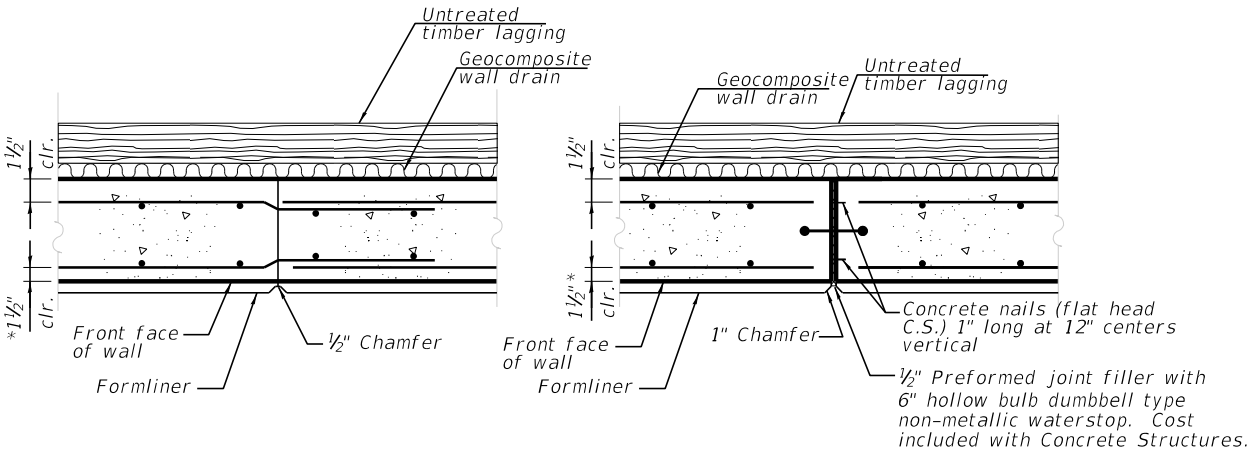


UNDERDRAIN DETAIL
BETWEEN SOLDIER PILES
(Formliner Omitted for Clarity)

UNDERDRAIN DETAIL
AT SOLDIER PILES
(Formliner Omitted for Clarity)



ABUTMENT/RETAINING WALL JOINT

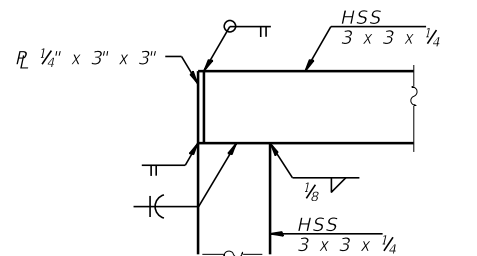


CONSTRUCTION JOINT DETAIL

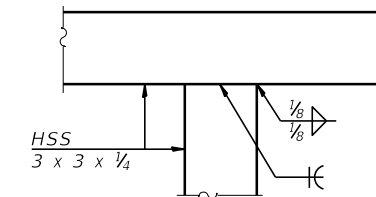
EXPANSION JOINT DETAIL

Default
FILE NAME = N:\ROSELLE\250030\Structure\16-250030-Wall Details 2.aht

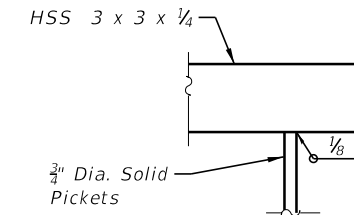
CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 6075 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jsmiller	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL DETAILS (SHEET 2 OF 3)					RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2'	DRAWN DMB	REVISED -							1321	23-00064-00-BT	DUPAGE	82	44
	PLOT DATE = 8/31/2026	CHECKED JMB	REVISED -		CONTRACT NO. 61M54									
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT											
					SCALE: NTS	SHEET S-16 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30						



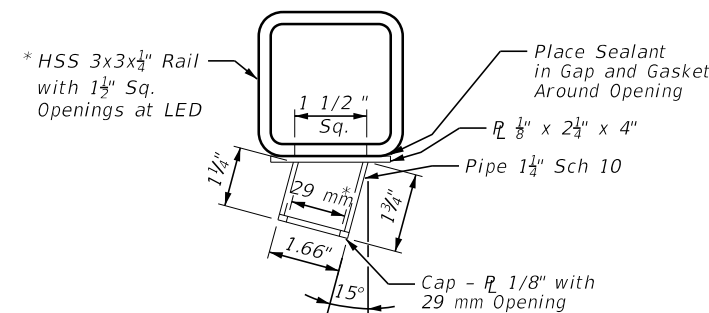
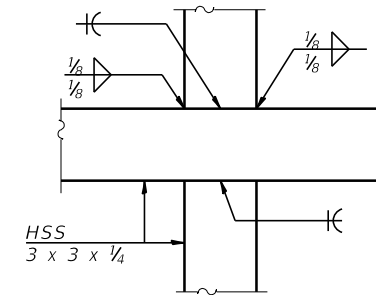
DETAIL B



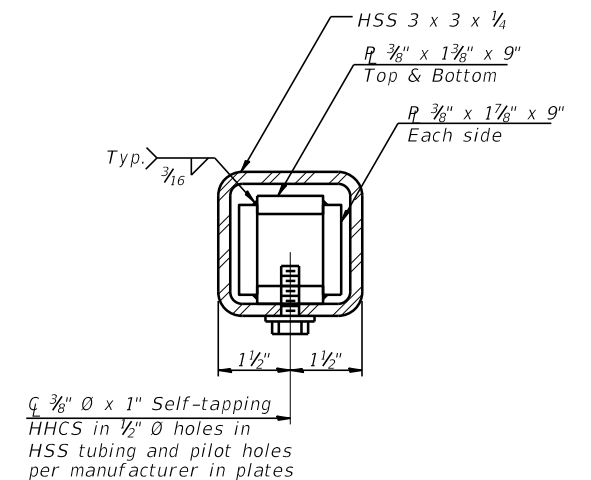
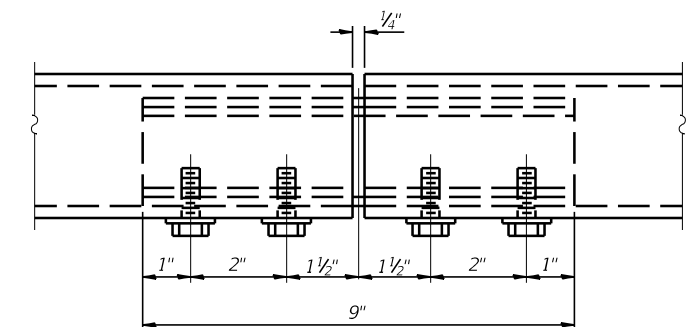
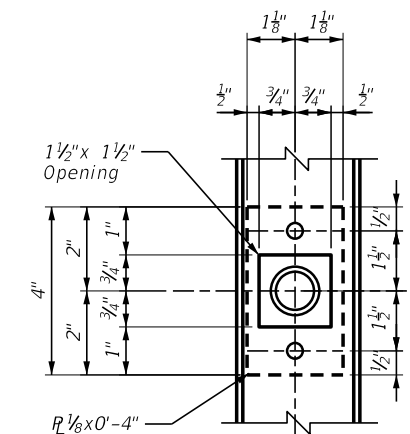
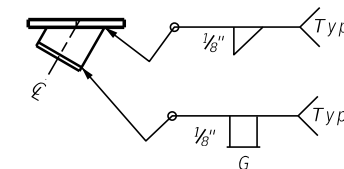
DETAIL D



DETAIL C



LED LIGHT HOLDER DETAILS



MATERIAL SPLICE

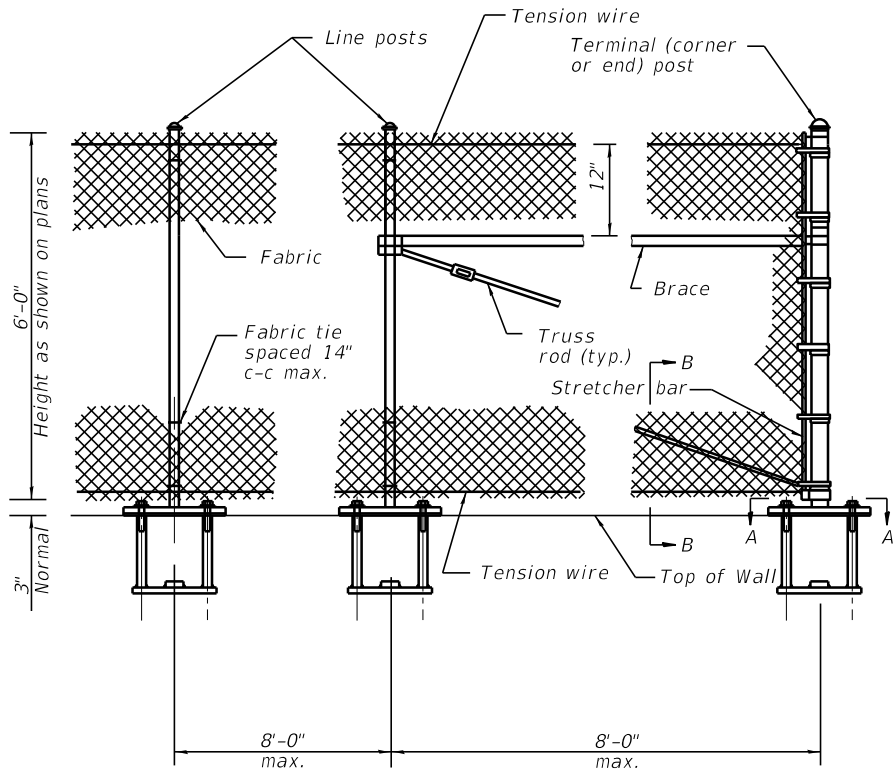
ITEM	UNIT	QUANTITY
Bicycle Railing (Special)	Foot	604

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	46
		CONTRACT NO. 61M54		
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILING DETAILS

SCALE: NTS	SHEET S-18 OF S-28 SHEETS	STA. 10+00	TO STA. 20+30
------------	---------------------------	------------	---------------

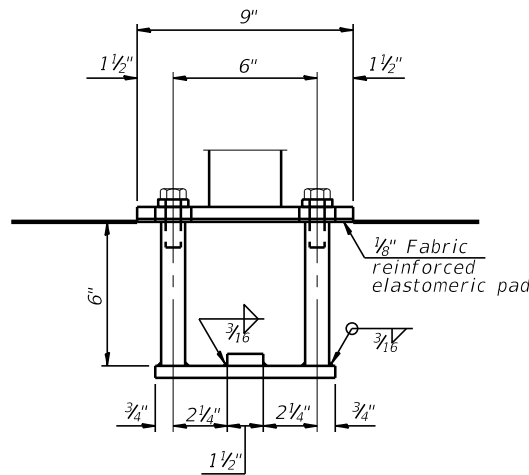


**LINE POST
ARRANGEMENT**

**CORNER OR END POST
ARRANGEMENT**

* The Post Anchors Shall be At least 9'
From Wall Expansion Joints.

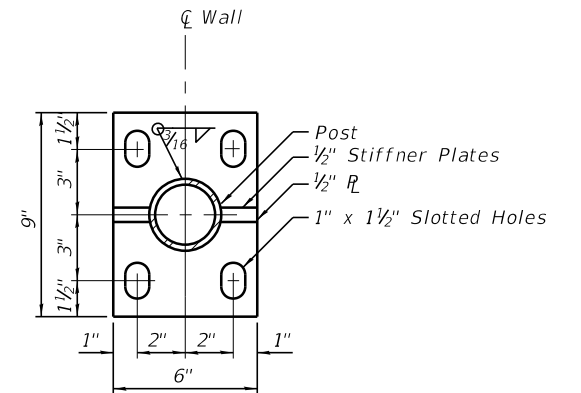
Pull Post Shall Be Placed Off of Wall.



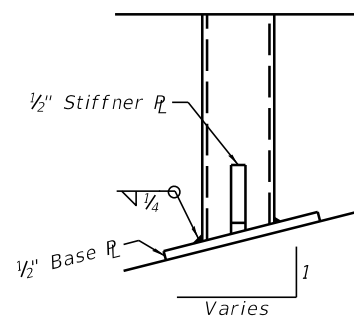
ANCHORAGE ASSEMBLY

The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates.
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

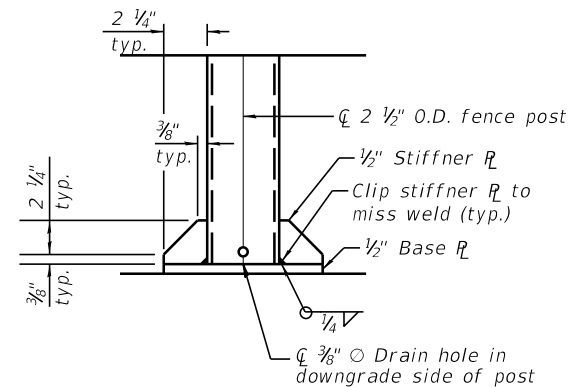
Note:
Cost of all the anchor bolts and accessory required for Chain Link Supports are included in "Chain Link Fence, 6' Attached to Structure".



BASE PLATE



SECTION A-A



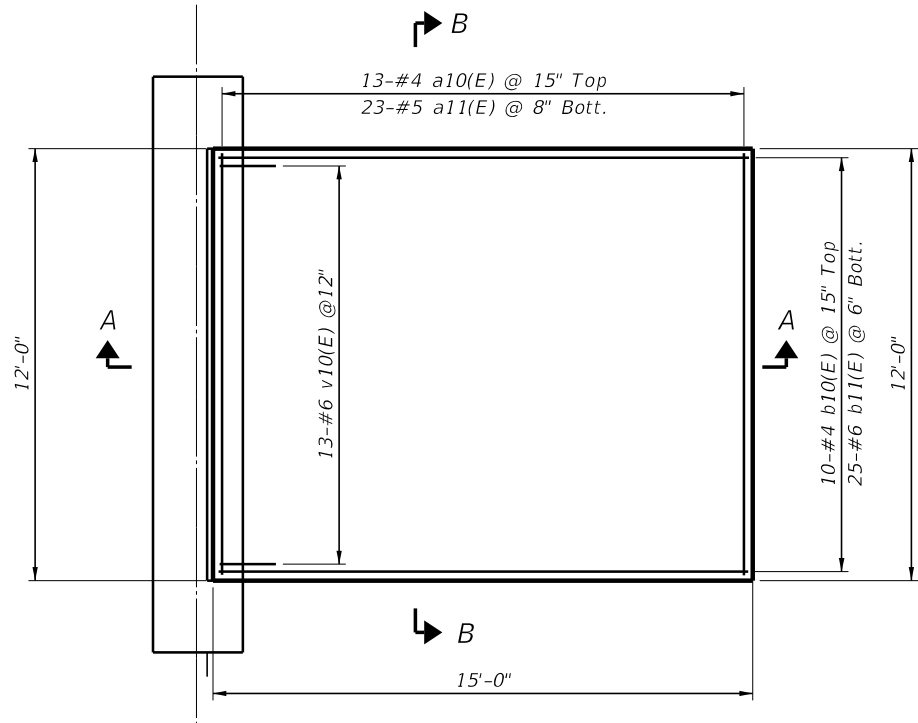
SECTION B-B

BILL OF MATERIAL

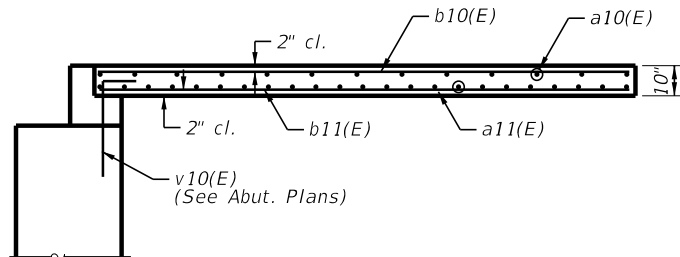
ITEM	UNIT	QUANTITY
Chain Link Fence, 6' Attached to Structure	Foot	498

USER NAME = jmlr	DESIGNED MM	REVISED -
DRAWN DMB	REVISED -	
PLOT SCALE = 2"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

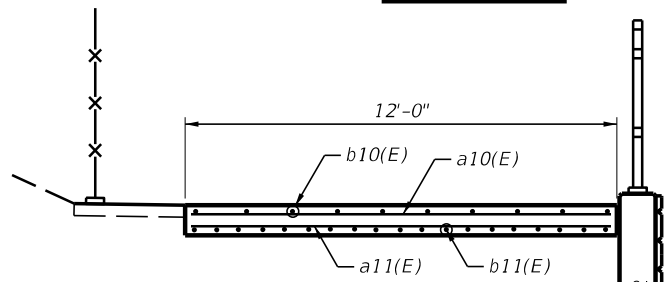
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT		82	47
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				



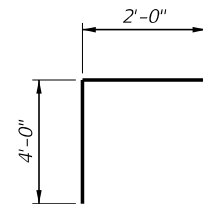
PLAN-EAST APPROACH
(WEST APPROACH SIMILAR)



SECTION A-A



SECTION B-B



BAR v10(E)

TWO APPROACHES
BILL OF MATERIAL

(FOR BOTH NORTH AND SOUTH APPROACH)

Bar	No.	Size	Length	Shape
a10(E)	26	#4	11'-8"	—
a11(E)	46	#5	11'-8"	—
b10(E)	20	#4	14'-8"	—
b11(E)	50	#6	14'-8"	—
v10(E)	26	#6	6'-0"	┐
Concrete Superstructure (Approach Slab)			Cu. Yd.	11.2
Reinforcement Bars, Epoxy Coated			Pound	2,220
Protective Coat			Sq. Yd.	40

Default
FILE NAME = N:\ROSELLE\250030\Struct\20-250030-Approach Slab Details.sht

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
6070 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

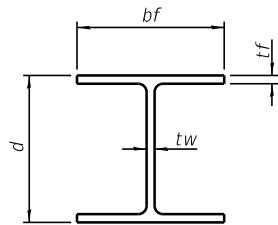
USER NAME = jmler	DESIGNED MM	REVISED -
	DRAWN DMB	REVISED -
PLOT SCALE = 2"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROACH SLAB DETAILS

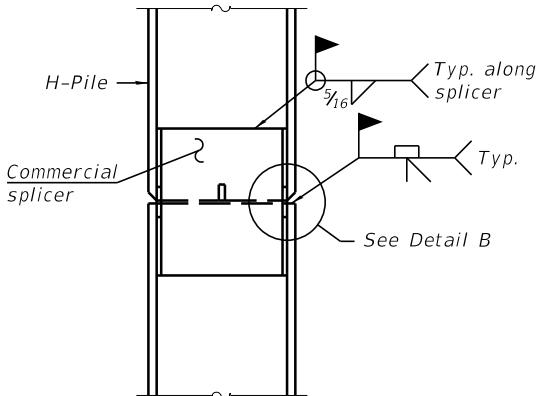
SCALE: NTS SHEET S-20 OF S-28 SHEETS STA. 10+00 TO STA. 20+30

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DuPAGE	82	48
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

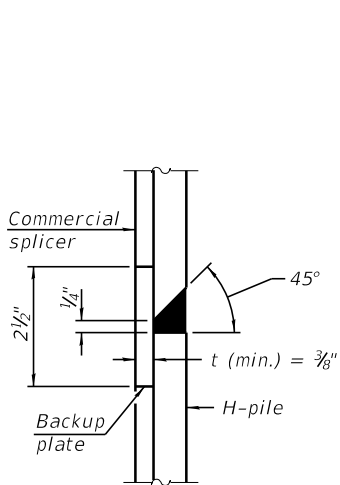


STEEL PILE TABLE

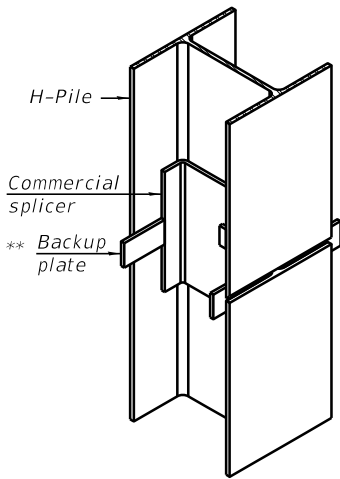
Designation	Depth d	Flange width bf	Flange thickness tf	Web thickness tw	Encasement diameter A
W21X101	21 ³ / ₈ "	12 ¹ / ₄ "	1 ³ / ₁₆ "	1/2"	30"
W27x217	28 ³ / ₈ "	14 ¹ / ₈ "	1 ¹ / ₂ "	1 ³ / ₁₆ "	36"



ELEVATION

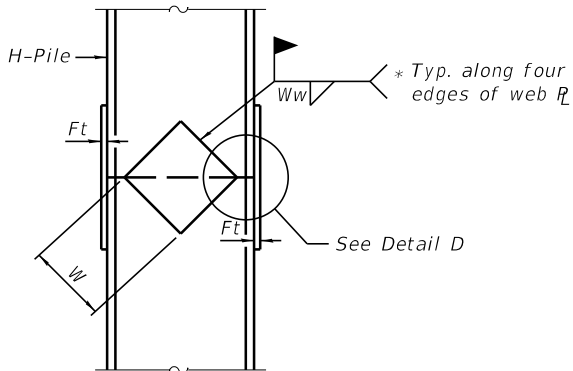


DETAIL "B"

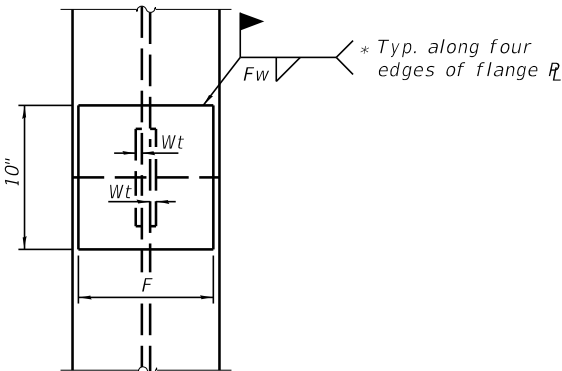


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE

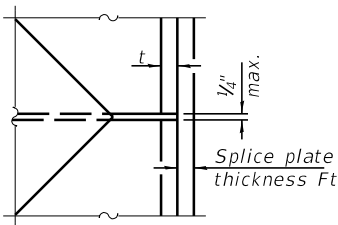


ELEVATION



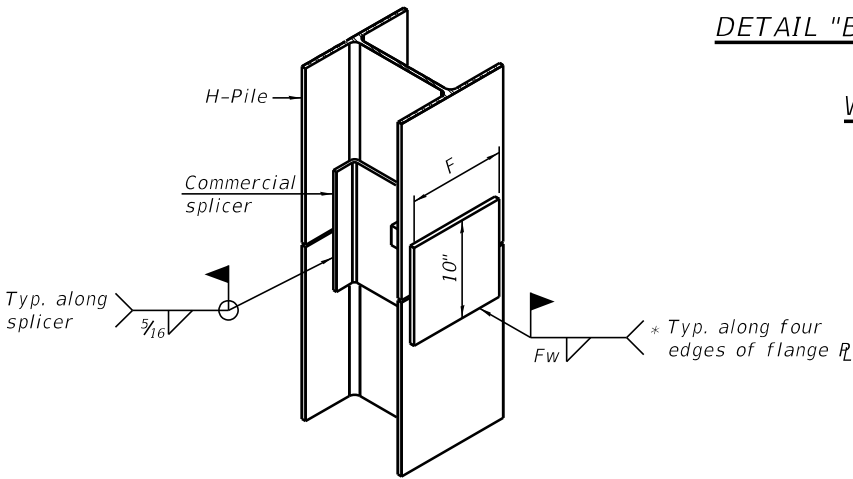
END VIEW

Designation	F	Ft	Fw	W	Wt	Ww
W27x101	11"	7/8"	7/16"	12 1/2"	1/4"	3/8"
W27X217	12"	1 1/2"	7/8"	15"	7/8"	3/4"



DETAIL D

WELDED PLATE FIELD SPLICE



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (3/16" min.).

Note: Pile splices, if needed shall be included in the cost of Furnishing Soldier Piles (W Section)

Default
FILE NAME = N:\ROSELLE\250030\Struct\21-250030-Steel Pile Detail.sht

USER NAME = jmler	DESIGNED MM	REVISED -
	DRAWN DMB	REVISED -
PLOT SCALE = 2"	CHECKED JMB	REVISED -
PLOT DATE = 8/31/2026	DATE -	REVISED -

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT		82	49
CONTRACT NO. 61M54				
ILLINOIS FED. AID PROJECT				

Default
FILE NAME = N:\ROSELLE\250030\Structure\22-250030-Boring_Logs_1.aht

BORING LOG SB-1		PROJECT: Pedestrian Bridge - Irving Park Road			
PROJECT NO.: 23672 Pg. 1 of 2		LOCATION: Roselle, IL		LOGGED BY: MM DRILL RIG:	
CLIENT: Christopher B. Burke Engineering		GROUNDWATER DURING DRILLING: 28.5'			
DATE STARTED: 12/15/23 DATE FINISHED: 12/15/23		GROUNDWATER AFTER DRILLING:			
LOCATION: 1055835 e, 1936135 N		DELAYED GROUNDWATER: after			
COORDS. N: 1936135 E: 1055835		CAVE IN DEPTH: C		BORING METHOD: HSA	

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		12" Bituminous Concrete	744.0							
		4.5" Granular Base (Stone)	743.0	SS	1	7	25	87	2.95	
		Very Dark Grey and Brown CLAY, A-7-6, very stiff	742.6							
		Brown and Grey CLAY, A-6, very stiff to stiff	740.5	SS	2	7	22	104	3.03	
5				SS	3	3	18	109	1.71	
		Grey Silt LOAM, A-4 to A-6, slightly dense	735.5	SS	4	8	25	101	2.95	
				SS	5	7	22	100	1.36	
		Grey CLAY, A-6, very stiff to stiff	730.5	SS	6	7	17	107	3.49	
15				SS	7	9	16	110	3.80	
				SS	8	8	19	110	1.75	
20				SS	9	12	16		2.0 Qp	
				SS	10	12	12	114	3.61	
25		Grey (f-c) SAND with Gravel, A-2-4, medium dense	719.0	SS	11	25	5			
		wet		SS	12	14	13			started mud drilling
30										
				SS	13	18	13			
35										
		Grey Sandy GRAVEL, A-1-b, medium dense	705.5	SS	14	27	18			very poor recovery
40			704.0							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

BORING LOG SB-1		PROJECT: Pedestrian Bridge - Irving Park Road			
PROJECT NO.: 23672 Pg. 2 of 2		LOCATION: Roselle, IL		LOGGED BY: MM DRILL RIG:	
CLIENT: Christopher B. Burke Engineering		GROUNDWATER DURING DRILLING: 28.5'			
DATE STARTED: 12/15/23 DATE FINISHED: 12/15/23		GROUNDWATER AFTER DRILLING:			
LOCATION: 1055835 e, 1936135 N		DELAYED GROUNDWATER: after			
COORDS. N: 1936135 E: 1055835		CAVE IN DEPTH: C		BORING METHOD: HSA	

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
		Grey CLAY, A-6, stiff								
				SS	15	16	14		1.0 Qp	
45										
				SS	16A	20	14	120	1.28	
		Grey (f-c) SAND with Gravel, wet, A-1-b, medium dense	694.5	SS	16B	18	7			
		Grey CLAY, A-6, very stiff to stiff	690.5	SS	17	21	10		2.5 Qp	
55										
				SS	18	19	13		1.25 Qp	poor recovery
60										
		Grey Sandy GRAVEL, A-2-4, very dense	680.5	SS	19	55	11			very poor recovery
65										
		Grey (f-c) SAND with Gravel, wet, A-2-4, dense	675.5	SS	20	47	14			
70										
				SS	21	33	11			
75		End of Boring at 75.0'	669.0							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

BORING LOG SB-2

PROJECT: Pedestrian Bridge - Irving Park Road

PROJECT NO.: 23672

Pg. 1 of 2

LOCATION: Roselle, IL

LOGGED BY: MM

DRILL RIG:

CLIENT: Christopher B. Burke Engineering

GROUNDWATER DURING DRILLING: 33.5'

DATE STARTED: 10/30/23

DATE FINISHED: 10/30/23

GROUNDWATER AFTER DRILLING:

LOCATION: 1055880 E, 1936123 N

DELAYED GROUNDWATER: after

COORDS. N: 1936123

E: 1055880

CAVE IN DEPTH: C

BORING METHOD: HSA



DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		12" Bituminous Concrete	742.9							poor recovery
		Dark Grey and Brown CLAY, A-6 to A-7-6, stiff to firm	741.9	SS	1	5	25	93	1.63	
				SS	2	2	34	78	0.89	
5		Grey and Brown CLAY, trace roots, A-6, very stiff	737.4	SS	3	7	19	105	3.07	
		Grey CLAY, A-6, very stiff	734.9	SS	4	9	25	101	3.65	
				SS	5	16	18	108	2.60	
				SS	6	9	13	115	2.83	
15		Grey SILT, A-4, medium dense	727.4	SS	7	11	21	104	2.87	
		Grey CLAY, A-6, very stiff	724.9	SS	8	10	16	112	3.92	
		moist		SS	9	10	17	110	2.79	
				SS	10	10	21	104	2.83	
				SS	11	12	16	112	3.03	
				SS	12	11	16	112	2.56	
25										
		Grey (f-c) SAND, A-3, medium dense	710.9	SS	13	21	21			
35										
		Grey SILT, A-4, slightly dense	705.9	SS	14	8	20	108	1.55	
40										Cave in at 39.4'

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

BORING LOG SB-2

PROJECT: Pedestrian Bridge - Irving Park Road

PROJECT NO.: 23672

Pg. 2 of 2

LOCATION: Roselle, IL

LOGGED BY: MM

DRILL RIG:

CLIENT: Christopher B. Burke Engineering

GROUNDWATER DURING DRILLING: 33.5'

DATE STARTED: 10/30/23

DATE FINISHED: 10/30/23

GROUNDWATER AFTER DRILLING:

LOCATION: 1055880 E, 1936123 N

DELAYED GROUNDWATER: after

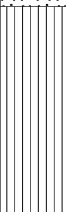
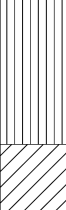
COORDS. N: 1936123

E: 1055880

CAVE IN DEPTH: C

BORING METHOD: HSA



DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
45		Grey (f-c) Sandy LOAM, A-2-4, medium dense	700.9		15	16	7			
				SS						
50		Grey SILT, A-4, dense to medium dense	695.9		16	38	21	108	2.06	
				SS						
55					17	16	15			
				SS						
60		Grey CLAY, A-6, stiff	685.9		18	18	12	128	1.67	
				SS						
65		Grey (f-c) SAND, A-3, very dense	680.9		19	55	16			
				SS						
		End of Boring at 65.0'	677.9							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Default FILE NAME = N:\ROSELLE\250030\Structure\23-250030-Boring_Logs_2.aht

BORING LOG SB-3

PROJECT: Pedestrian Bridge - Irving Park Road

LOCATION: Roselle, IL

PROJECT NO.: 23672 Pg. 1 of 1

LOGGED BY: MM

DRILL RIG:

MSET

CLIENT: Christopher B. Burke Engineering

GROUNDWATER DURING DRILLING: None

DATE STARTED: 10/27/23

DATE FINISHED: 10/27/23

GROUNDWATER AFTER DRILLING: 17.25'

LOCATION: 1055496 E, 1936210 N

DELAYED GROUNDWATER: after

COORDS. N: 1936210

E: 1055496

CAVE IN DEPTH: C

BORING METHOD: HSA

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		4" Bituminous Concrete	745.7							
		6" Granuar Base/Stone	745.4	SS	1	6	26	89	2.91	moved 3' south because hill and water line
		Black CLAY, A-7-6, very stiff	744.9							
		Brown and Grey CLAY, A-6 to A-7-6, stiff	743.2	SS	2	4	30	86	1.16	
5										
				SS	3	3	28	94	1.94	
		Brown and Grey LOAM, A-4, slightly dense	737.7	SS	4	6	20	100	1.24	
10		Grey CLAY, A-6, hard to very stiff	735.2	SS	5	10	15	106	4.81	
				SS	6	9	19	105	3.03	grey silty loam seam at 13.5'
15										
				SS	7	14	17	109	6.05	
				SS	8	17	18	111	5.20	Cave in at 18.2'
20		End of Boring at 20.0'	725.7							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

BORING LOG SB-4

PROJECT: Pedestrian Bridge - Irving Park Road

LOCATION: Roselle, IL

PROJECT NO.: 23672 Pg. 1 of 1

LOGGED BY: MM

DRILL RIG:

MSET

CLIENT: Christopher B. Burke Engineering

GROUNDWATER DURING DRILLING: 13.5'

DATE STARTED: 10/27/23

DATE FINISHED: 10/27/23

GROUNDWATER AFTER DRILLING: 12.2'

LOCATION: 1055705 E, 1936142 N

DELAYED GROUNDWATER: after

COORDS. N: 1936142

E: 1055705

CAVE IN DEPTH: C

BORING METHOD: HSA

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		FILL - Black and Brown CLAY, A-7-6, hard	746.2	SS	1	11	19		4.0 Qp	
		Possible FILL - Brown and Grey CLAY, A-6, hard	743.7	SS	2	15	15	106	6.44	
5		Brown and Grey CLAY, trace roots, A-6 to A-7-6 , very stiff to stiff	741.2	SS	3	9	24	95	3.22	
				SS	4	5	24	94	1.90	
10		Grey Sandy LOAM, A-2-4, slightly dense	735.7	SS	5	8	15			
		Grey CLAY, A-6, stiff to very stiff	733.2	SS	6	7	14	123	1.20	Cave in at 12.75'
15										
				SS	7	12	13	118	3.38	
		Grey (f-c) Sandy LOAM, A-2-4, slightly dense	728.2	SS	8	8	16			
20		End of Boring at 20.0'	726.2							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Default
FILE NAME = N:\ROSELLE\250030\Structure\24-250030-Boring_Logs_3.sht

CB

CHRISTOPHER B. BURKE ENGINEERING, LTD.

9075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME : jmler

DESIGNED MM

DRAWN DMB

CHECKED JMB

PLOT DATE : 8/31/2026

REVISED -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
(SHEET 1 OF 2)

SCALE: NTS

SHEET S-24 OF S-28 SHEETS

STA. 10+00 TO STA. 20+30

RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

1321

23-00064-00-BT

DuPAGE

82

52

CONTRACT NO. 61M54

ILLINOIS FED. AID PROJECT

BORING LOG SB-5

PROJECT: Pedestrian Bridge - Irving Park Road

PROJECT NO.: 23672 Pg. 1 of 1

LOCATION: Roselle, IL

LOGGED BY: MM

DRILL RIG:

CLIENT: Christopher B. Burke Engineering

DATE STARTED: 10/27/23

DATE FINISHED: 10/27/23

LOCATION: 1055966 E, 1936091 N

COORDS. N: 1936091

E: 1055966

GROUNDWATER DURING DRILLING: None

GROUNDWATER AFTER DRILLING: 7.2'

DELAYED GROUNDWATER: after

CAVE IN DEPTH: C

BORING METHOD: HSA

MSET

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		4" Dark Brown TOPSOIL / Vegetation FILL - Brown, Grey and Black CLAY, A-6, very stiff to stiff	751.6	SS	1	22	12	110	3.07	poor recovery Cave in at 11.8'
			751.3	SS	2	12	14	106	3.22	
				SS	3	7	19	94	1.67	
5		Brown and Grey CLAY, A-6, firm	744.1	SS	4	2	23		0.75 Qp	
		Brown and Grey Silty LOAM, A-4, very soft	741.1	SS	5	WOH	24	95	0.23	
		Grey CLAY, A-6, stiff	738.6	SS	6	6	21	103	1.20	
15		Grey CLAY, A-6, hard	736.1	SS	7	6	21	104	4.81	
20		Grey and Brown (f-c) SAND, A-2-4, medium dense	732.6	SS	8	11	9			
		End of Boring at 20.0'	731.6							

BORING LOG SB-6

PROJECT: Pedestrian Bridge - Irving Park Road

PROJECT NO.: 23672 Pg. 1 of 1

LOCATION: Roselle, IL

LOGGED BY: MM

DRILL RIG:

CLIENT: Christopher B. Burke Engineering

DATE STARTED: 10/27/23

DATE FINISHED: 10/27/23

LOCATION: 1056063 E, 1936067 N

COORDS. N: 1936067

E: 1056063

GROUNDWATER DURING DRILLING: 13.5'

GROUNDWATER AFTER DRILLING: 10.7'

DELAYED GROUNDWATER: after

CAVE IN DEPTH: C

BORING METHOD: HSA

MSET

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		5" Brown TOPSOIL / Vegetation FILL - Brown, Grey and Black CLAY, A-6, hard	753.8	SS	1	20	12		4.5 + Qp	grey silty loam seam at 9.0' brown (f-c) sand seam at 10.0' Cave in at 10.8'
		FILL - Brown and Grey CLAY, A-6, stiff	753.4	SS	2	8	18	104	1.78	
			750.8	SS	3	10	15	111	2.95	
5		Grey and Brown CLAY, A-6, very stiff	748.3	SS	4	9	13	116	2.21	
		Grey Silty LOAM, A-4, slightly dense	743.3	SS	5A	6	22			
		Grey (f-c) Sandy LOAM, A-2-4, slightly dense	741.8	SS	5B	7	17			
		Grey CLAY, A-6, very stiff to stiff	740.8	SS	6	12	17	112	2.44	
15				SS	7	13	18	109	1.98	
				SS	8	16	16	112	2.33	
20		End of Boring at 20.0'	733.8							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Default
FILE NAME = N:\ROSELLE\250030\Structure\25-250030-Boring_Logs_4.sht

CSB

CHRISTOPHER B. BURKE ENGINEERING, LTD.

9075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler

DESIGNED MM

DRAWN DMB

CHECKED JMB

PLOT DATE = 8/31/2026

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

BORING LOGS

(SHEET 1 OF 2)

SCALE:NTS

SHEET S-25 OF S-28 SHEETS

STA. 10+00

TO STA. 20+30

RTE.

1321

SECTION

23-00064-00-BT

COUNTY

TOTAL SHEETS

82

SHEET NO.

53

CONTRACT NO.

61M54

ILLINOIS

FED. AID PROJECT

BORING LOG

SB-7

PROJECT: Pedestrian Bridge - Irving Park Road

LOCATION: Roselle, IL

PROJECT NO.: 23672

Pg. 1 of 1

LOGGED BY: MM

DRILL RIG: 3100 GT

MSET

CLIENT: Christopher B. Burke Engineering

DATE STARTED: 9/2/25

DATE FINISHED: 9/2/25

LOCATION: 1055422 E, 1936228 N

COORDS. N: 1936228

E: 1055422

GROUNDWATER DURING DRILLING: None

GROUNDWATER AFTER DRILLING: 13.0'

DELAYED GROUNDWATER: after

CAVE IN DEPTH: 21.0'

BORING METHOD: HSA

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		4" Bituminous Concrete	746.7							
		11" Grey Crushed Stone Base	746.4	SS	1	6	36		1.5 Qp	
		Black CLAY A-7-6 buried Topsoil, stiff	745.5							
		Brown & Grey mottled CLAY, A-6 firm	743.2	SS	2	3	21	99	0.70	
5		Brown & Grey CLAY, A-6, very stiff	741.2							
				SS	3	10	18	108	2.52	
		Grey CLAY, A-6, very stiff to hard	738.2							
				SS	4	12	16	112	3.22	
10										
				SS	5	11	17	110	3.65	
				SS	6	11	18	111	4.07	
15										
				SS	7	15	18	109	3.72	
				SS	8	14	17	113	3.38	
20		Grey SAND with Gravel, A-1-b, very dense	725.7	SS	9	50/ 11"	3			
		Boulder/Auger Refusal at 22.0 Feet	724.7							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

BORING LOG

SB-8

PROJECT: Pedestrian Bridge - Irving Park Road

LOCATION: Roselle, IL

PROJECT NO.: 23672

Pg. 1 of 1

LOGGED BY: MM

DRILL RIG: 3100 GT

MSET

CLIENT: Christopher B. Burke Engineering

DATE STARTED: 9/2/25

DATE FINISHED: 9/2/25

LOCATION: 1055575 E, 1936163 N

COORDS. N: 1936163

E: 1055575

GROUNDWATER DURING DRILLING: None

GROUNDWATER AFTER DRILLING: Dry

DELAYED GROUNDWATER: after

CAVE IN DEPTH: 28.5'

BORING METHOD: HSA

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf	
0		14" Brown Crushed Stone	746.1							
		FILL: Brown, Brown Grey, & Black CLAY, A-6, with brick chips, hard	744.9	SS	1	9	15		4.5 Qp	
		Brown & Drak Grey CLAY, A-7-6, stiff	743.6							
				SS	2	6	31	87	1.94	
5		Brown & Grey CLAY, A-6, very stiff to hard	741.1							
				SS	3	11	16	106	2.51	
				SS	4	14	19	107	5.74	
10										
				SS	5	21	19		2.4 Qp	
		brown silt seam at 14.0'		SS	6	13	14	118	3.80	
15		Grey CLAY, A-6, very stiff	731.1							
		Grey Silty Clay LOAM, A-6, hard	730.1	SS	7	15	13	119	3.80	
				SS	8	50/ 10"	13	122	4.46	
20		Grey SAND with Gravel, A-1-a, medium to very dense	725.1	SS	9	23	10			
				SS	10	31	6			
25										
				SS	11	19	5			
				SS	12	51	4			
30		End of Boring at 30 Feet	716.1							

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Default
FILE NAME = N:\ROSELLE\250030\Structure\26-250030-Boring_Logs_5a.hht

CS

EB

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9075 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

USER NAME = jmler

DESIGNED MM

DRAWN DMB

CHECKED JMB

PLOT DATE = 8/31/2026

REVISED -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
(SHEET 2 OF 2)

SCALE: NTS

SHEET S-26 OF S-28 SHEETS

STA. 10+00 TO STA. 20+30

RTE. 132I

SECTION 23-00064-00-BT

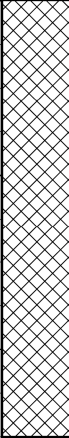
COUNTY

TOTAL SHEETS 82

SHEET NO. 54

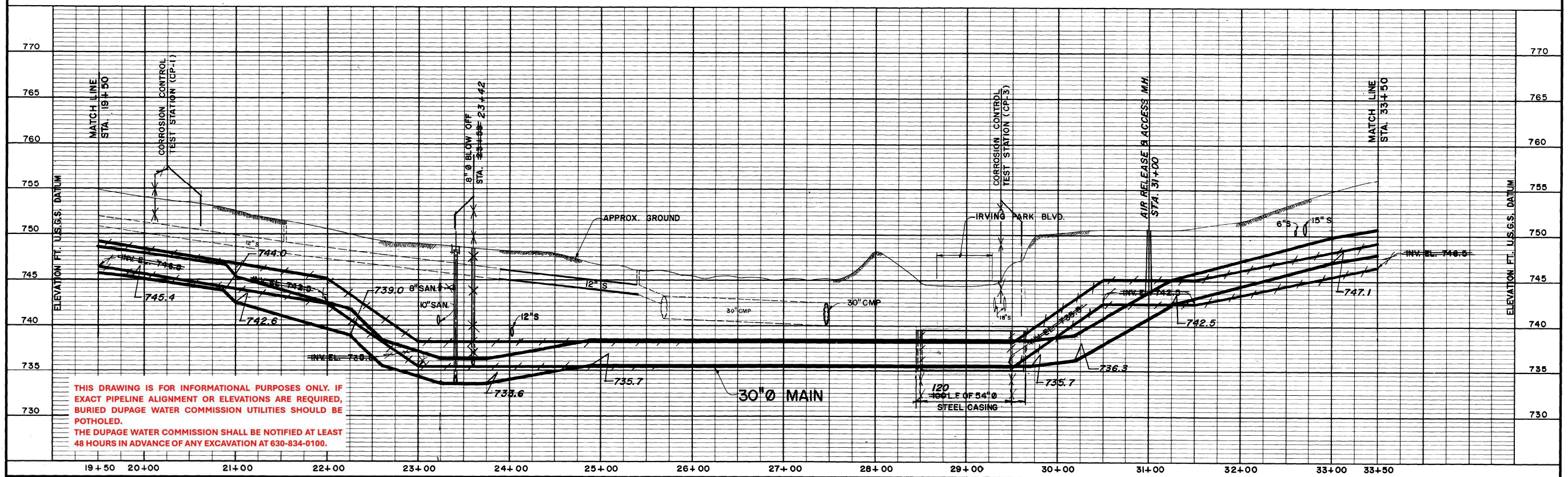
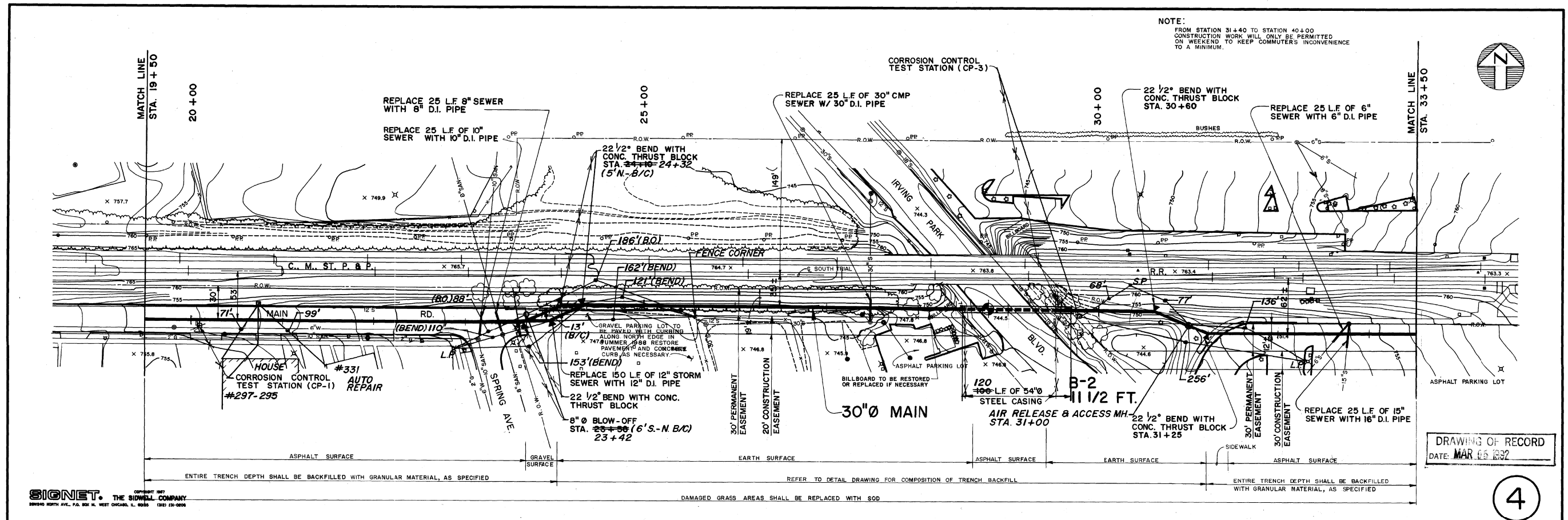
CONTRACT NO. 61M54

ILLINOIS FED. AID PROJECT

MSET PROJECT NO.: 25651		LOG OF BORING NO. HA-2				Page 1 of 1					
PROJECT: Main Street Bike Path Retaining Walls				SITE LOCATION: Roselle, IL							
BORING LOCATION: 1055736 E, 1936163 N				CLIENT: Christopher B. Burke							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE			TESTS			REMARKS	
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf		
0		FILL - Dark Brown and Grey CLAY, A-6, Trace Roots	752.1	HA	1		16		2.0 Qp		
2			2		17						2.0 Qp
4			3		17						1.9 Qp
		End of Boring at 5.0'	747.1								
DURING DRILLING:  Dry			 MSET		BORING STARTED: 10/30/25						
IMMEDIATELY AFTER DRILLING:  Dry					BORING COMPLETED: 10/30/25						
DELAYED READING AFTER					LOGGED BY: MS						
CAVE IN DEPTH 					BORING METHOD: Hand Auger						

Midland Standard Engineering & Testing, Inc. 410 Nolen Drive, South Elgin, Illinois 60177 (847) 844-1895 f(847) 844-3875

Default
FILE NAME = N:\ROSELLE\2560330\Structure\28-250030-Boring_Logs_7.sht



ALVORD, BURDICK & HOWSON
ENGINEERS 1988 CHICAGO

DUPAGE WATER COMMISSION

DATE 9/26/88 INIT. REVISIONS ADV. DATE

PLAN & PROFILE

SCALES
HORZ. 1" = 40' 0" 20' 40' 60' 80' 100' FT.
VERT. 1" = 10' 0" 2' 4' 6' 8' 10' FT.

CONTRACT TN - 1/88
NORTH TRANSMISSION MAIN

Default
FILE NAME = N:\ROSELLE\250030\Struc\30-250030-DWC As Built.sht

CB CHRISTOPHER B. BURKE ENGINEERING, LTD. 875 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	USER NAME = jmler	DESIGNED MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DUPAGE WATER COMMISSION AS-BUILT PLAN - FOR INFORMATION ONLY	SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. 10+00 TO STA. 20+30	ILLINOIS FED. AID PROJECT					
		DRAWN DMB	REVISED -							RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2'	CHECKED JMB	REVISED -							1321	23-00064-00-BT	DuPAGE	82	57
	PLOT DATE = 8/31/2026	DATE -	REVISED -							CONTRACT NO. 61M54				

MODEL: TC-10 [Sheet]
FILE NAME: c:\pw\work\pwidollawrence.demanche@illinois.gov\d0951415\TC-10.dgn

USER NAME	= lawrence.demanche	DESIGNED	- L.H.A.	REVISED	- T. RAMMACHER 01-06-00
		DRAWN	-	REVISED	- A. SCHUETZE 07-01-13
PLOT SCALE	= 0.08333317" / in.	CHECKED	-	REVISED	- A. SCHUETZE 09-15-06
PLOT DATE	= 10/2/2025	DATE	- 06-89	REVISED	- D. SENDERAK 05-03-25

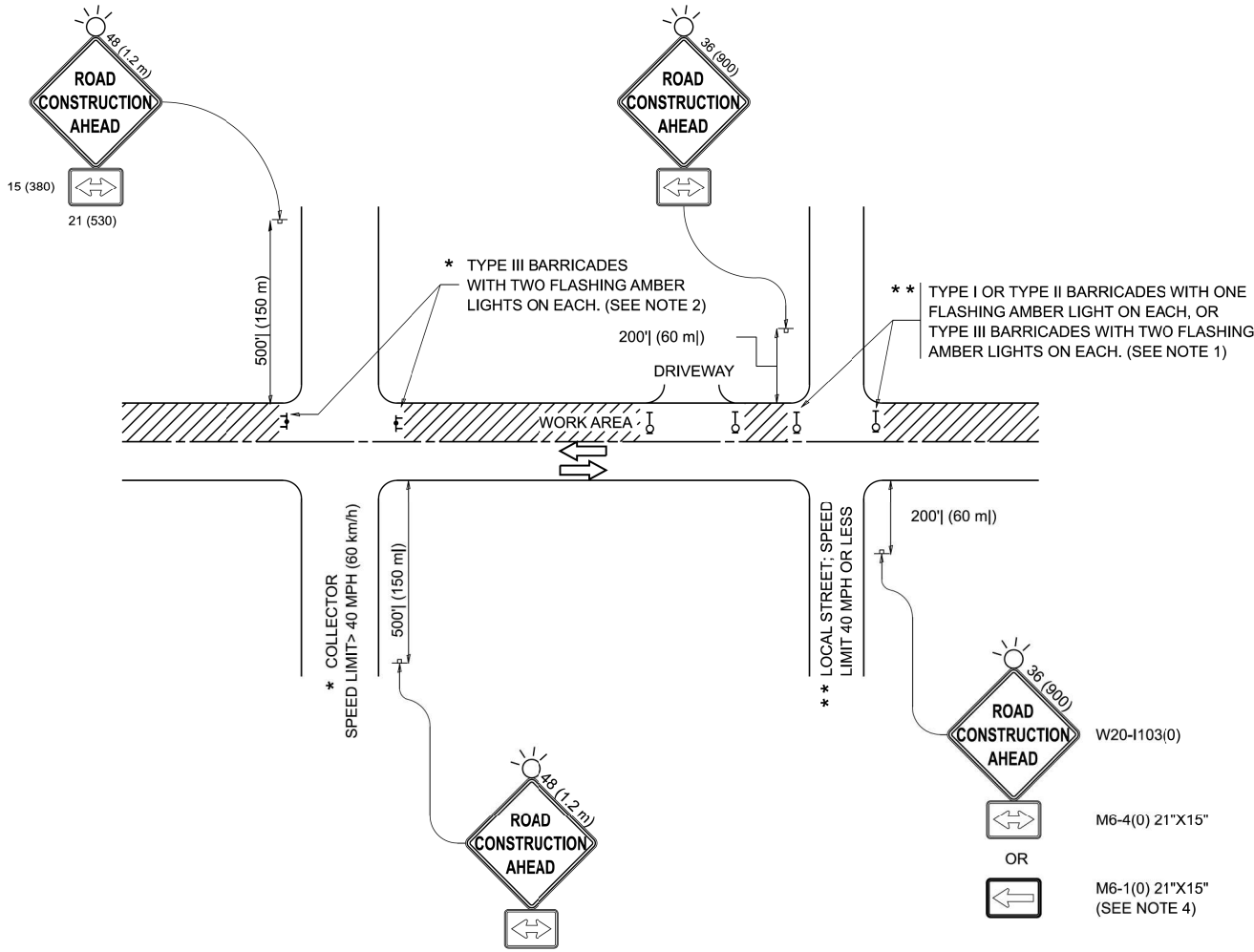
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

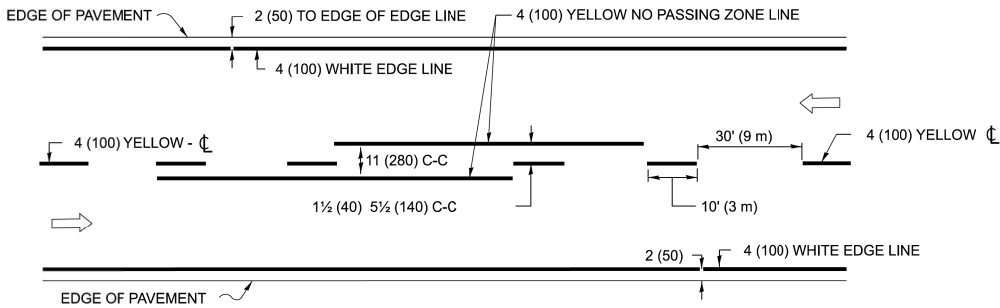
All dimensions are in inches (millimeters)
unless otherwise shown.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DUPAGE	82	59
TC-10		CONTRACT NO. 61M54		
ILLINOIS		FED. AID PROJECT		

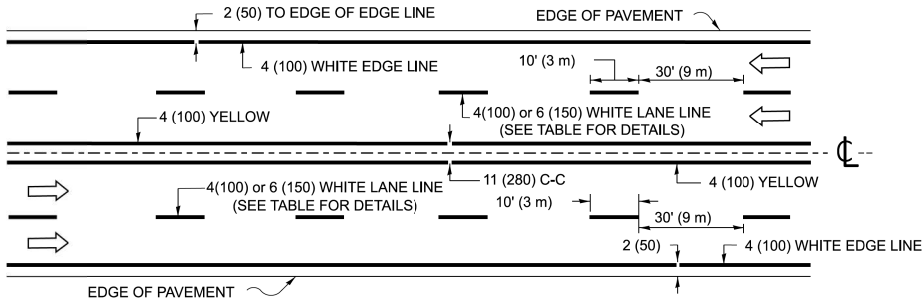


NOTES:

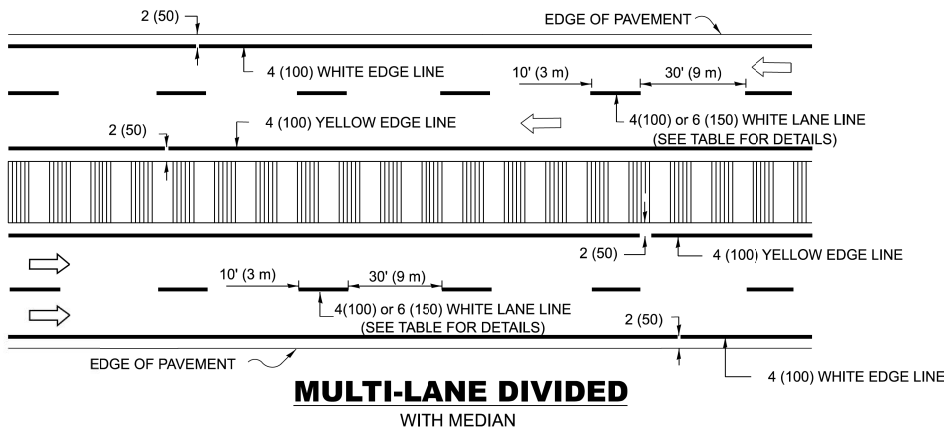
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL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



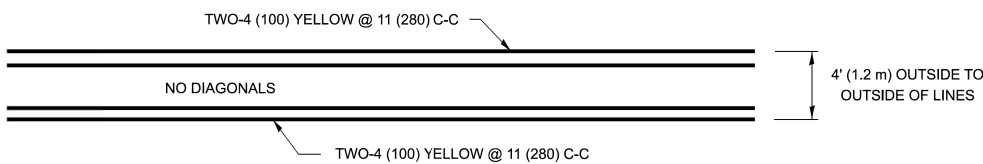
2-LANE ROADWAY



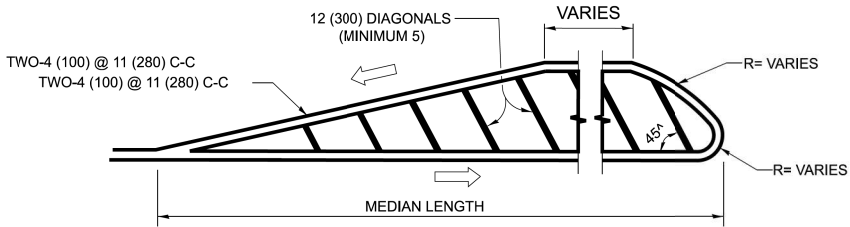
MULTI-LANE UNDIVIDED



TYPICAL LANE AND EDGE LINE MARKING



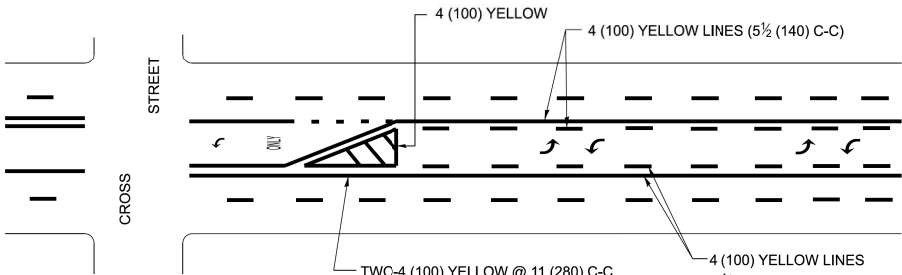
4' (1.2 m) WIDE MEDIANS ONLY



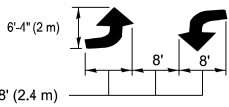
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

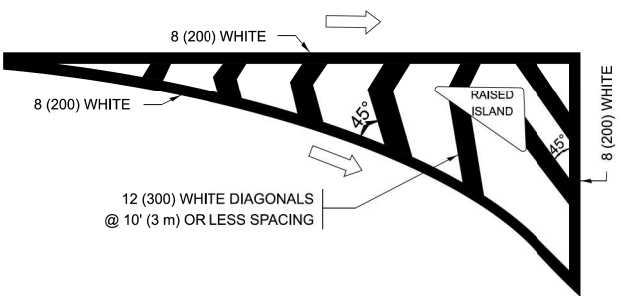


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

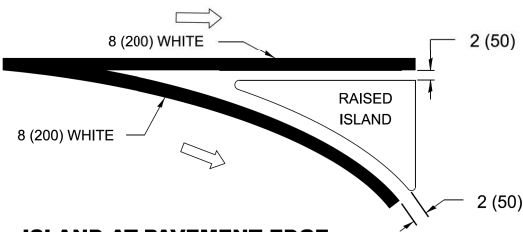


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

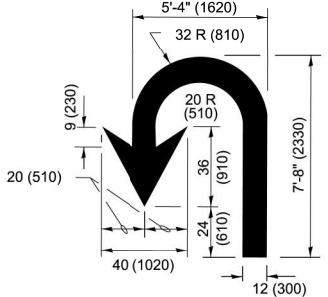
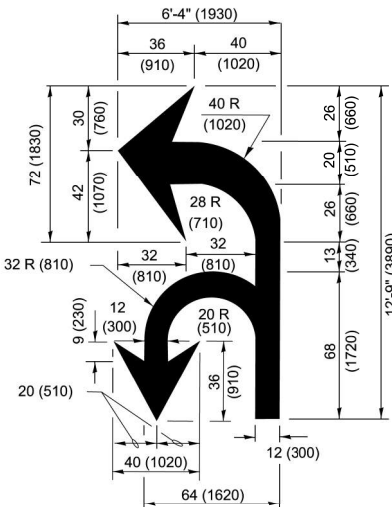


ISLAND OFFSET FROM PAVEMENT EDGE



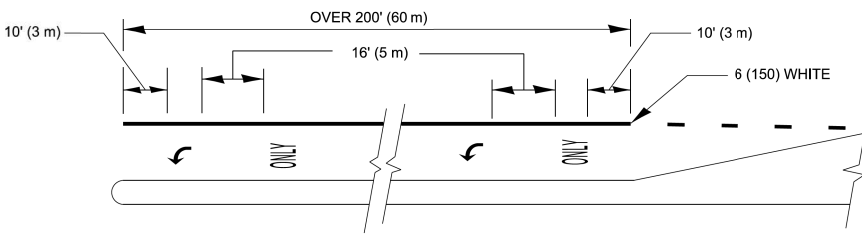
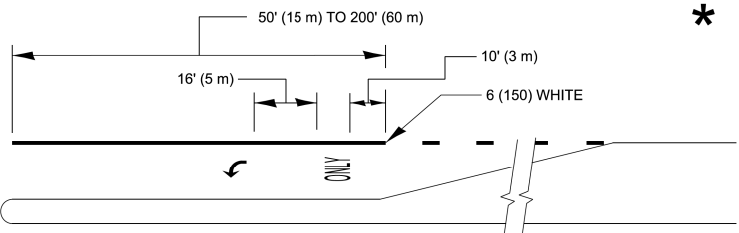
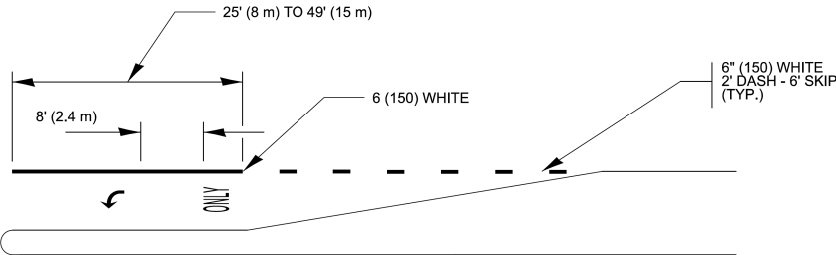
ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



U-TURN

COMBINATION LEFT AND U-TURN



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

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

TYPICAL LEFT (OR RIGHT) TURN LANE MARKING

MODEL: TC-13a [Sheet]
FILE NAME: c:\p\work\lawrence.demanche\illinois.gov\d051415\TC-13.dgn

USER NAME = lawrence.demanche	DESIGNED - EVERS	REVISED - C. JUCIUS 07-01-13
	DRAWN -	REVISED - C. JUCIUS 12-21-15
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED - C. JUCIUS 04-12-16
PLOT DATE = 6/29/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26

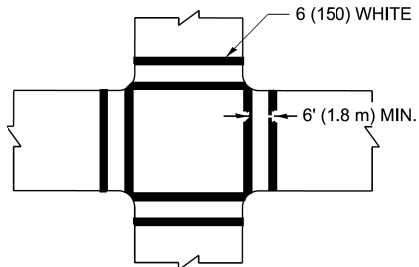
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

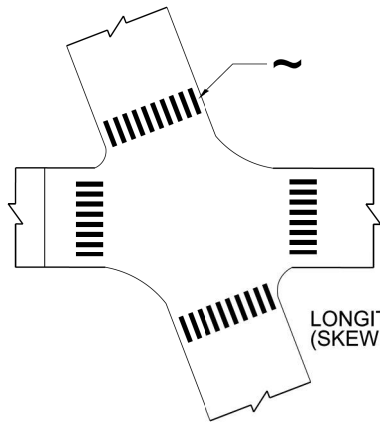
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DUPAGE	82	60
TC-13A		CONTRACT NO. 61M54		
ILLINOIS		FED. AID PROJECT		

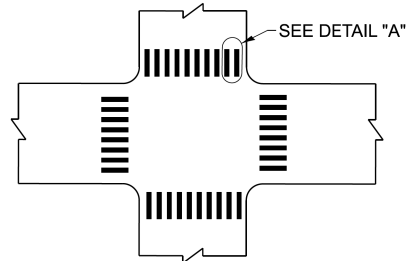
MODEL: TC-13b (Sheet)
FILE NAME: c:\pwworking\lawrence.demanche@illinois.gov\d0951415\TC-13.dgn



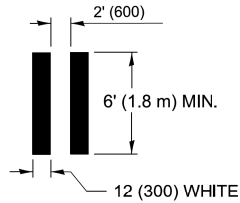
TRANSVERSE CROSSWALK



LONGITUDINAL CROSSWALK
(SKEWED INTERSECTION)



LONGITUDINAL CROSSWALK

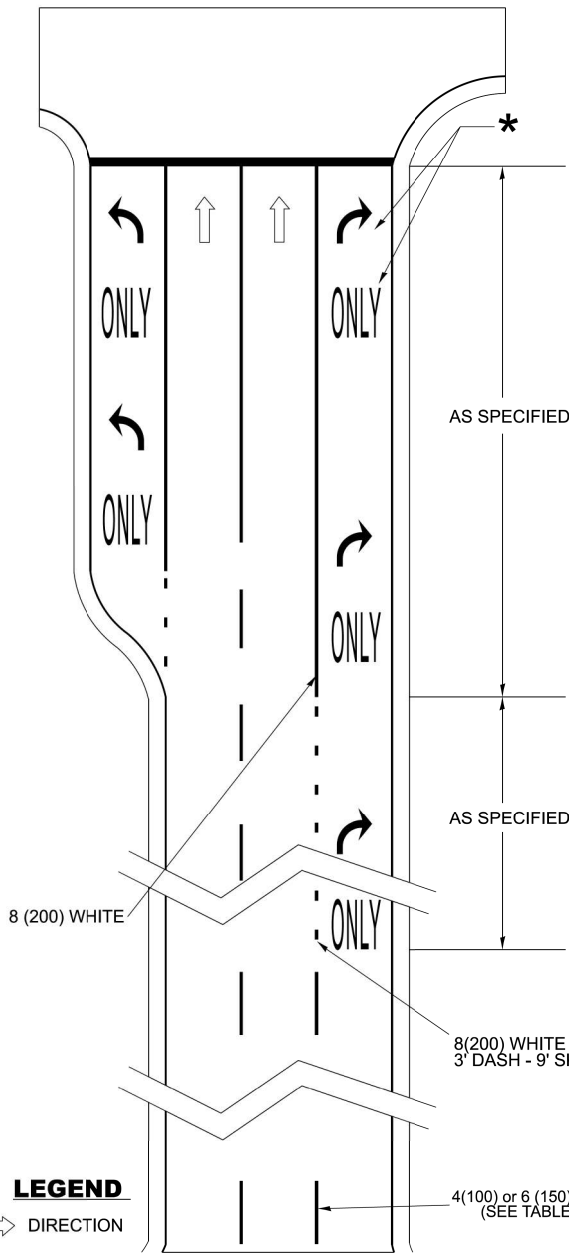


DETAIL "A"

TYPICAL CROSSWALK MARKING

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

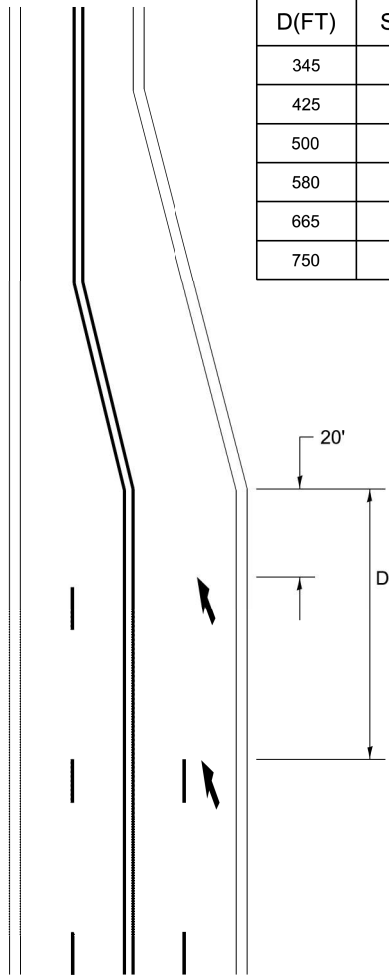
~ THE INDIVIDUAL LONGITUDINAL ELEMENTS OF A LONGITUDINAL BAR CROSSWALK SHOULD BE ANGLED SUCH THAT THEY ARE PARALLEL TO THE TRAVEL PATH OF APPROACHING TRAFFIC



ARTERIAL ROAD LANE-DROP MARKINGS

* FOLLOW TYPICAL TURN LANE MARKINGS FOR PLACEMENT AND SIZE DETAILS OF 'ARROW' AND 'ONLY' MARKINGS IN THE TURN LANE.

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



LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES FOR SPEED LIMIT <= 45 MPH LANE LINES FOR SPEED LIMIT > 45 MPH	4 (100) 6 (150)	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (TYPICAL FOR EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS, EXCEPT AT LANE-DROP MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (0.60m) 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 (6' (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
TRANSVERSE CROSSWALK LONGITUDINAL BARS CROSSWALK	2 @ 6 (150) 12 (300) @ 90°	SOLID SOLID	WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART AND PARALLEL TO TRAFFIC FLOW SEE TYPICAL CROSSWALK MARKING DETAIL 'A'.
STOP LINES	24 (600)	SOLID	WHITE	PLACE MINIMUM 4' (1.2 m) IN ADVANCE OF CROSSWALK IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. NO MORE THAN 30' (9.1 m) OR LESS THAN 4' (1.2 m) FROM NEAREST EDGE OF INTERSECTING TRAVELED WAY.
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, TC 23 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF
ARTERIAL LANE-DROP MARKINGS DOTTED LINES FOR LANE-DROP TURN LANE MARKINGS	8 (200) 8 (200)	SKIP - DASH SOLID	WHITE WHITE	3' (0.91 m) LINE WITH 9' (2.74 m) SPACE

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

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

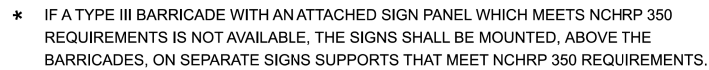
USER NAME = lawrence.demanche	DESIGNED - EVERS	REVISED - C. JUCIUS 07-01-13
	DRAWN -	REVISED - C. JUCIUS 12-21-15
	CHECKED -	REVISED - C. JUCIUS 04-12-16
PLOT DATE = 6/29/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DUPAGE	82	61
TC-13B		CONTRACT NO. 61M54		
		ILLINOIS FED. AID PROJECT		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DUPAGE	82	62
TC-21		CONTRACT NO. 61M54		

MODEL Default
FILE Name: p:\u0084EBID\NTEC\Illinois.gov-PWIDOT\Documents\DOT_Offices\District_1\Projects\DU45422\24\CADData\CAD\Sheet\TC22.dgn

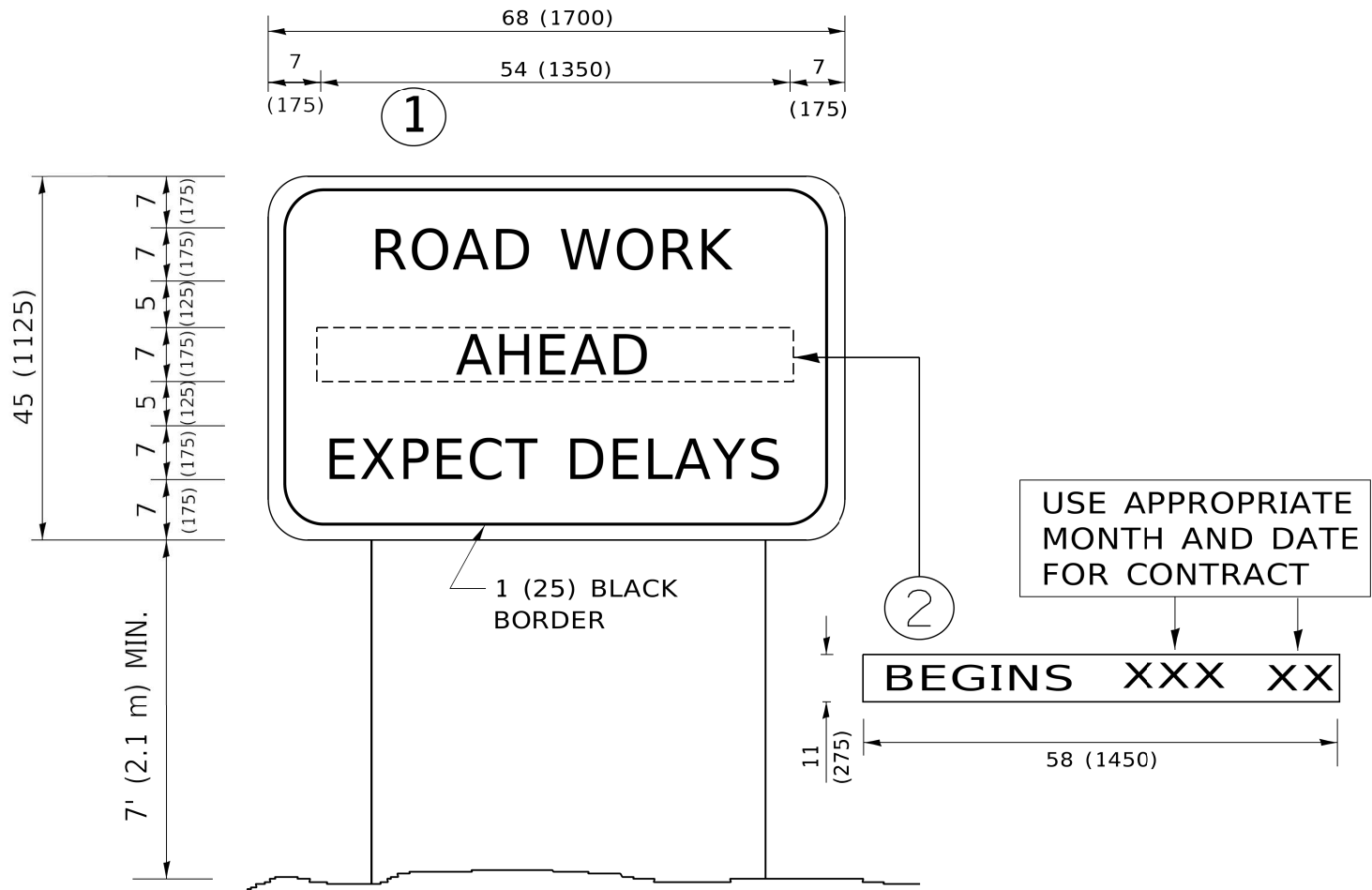
	USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	23-00064-00-BT	DUPAGE	82	63
TC-22		CONTRACT NO. 61M54		
ILLINOIS		FED. AID PROJECT		



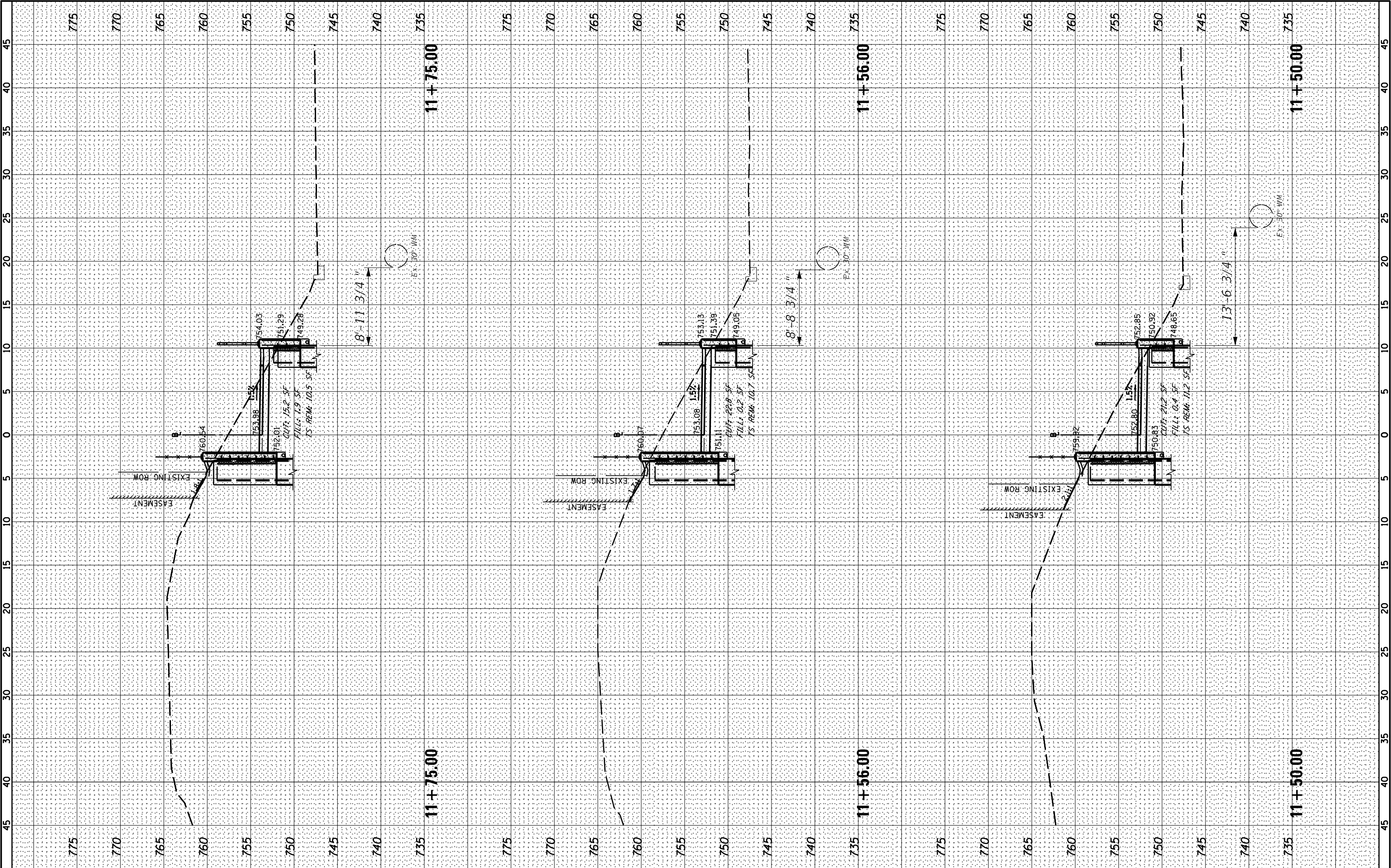
NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

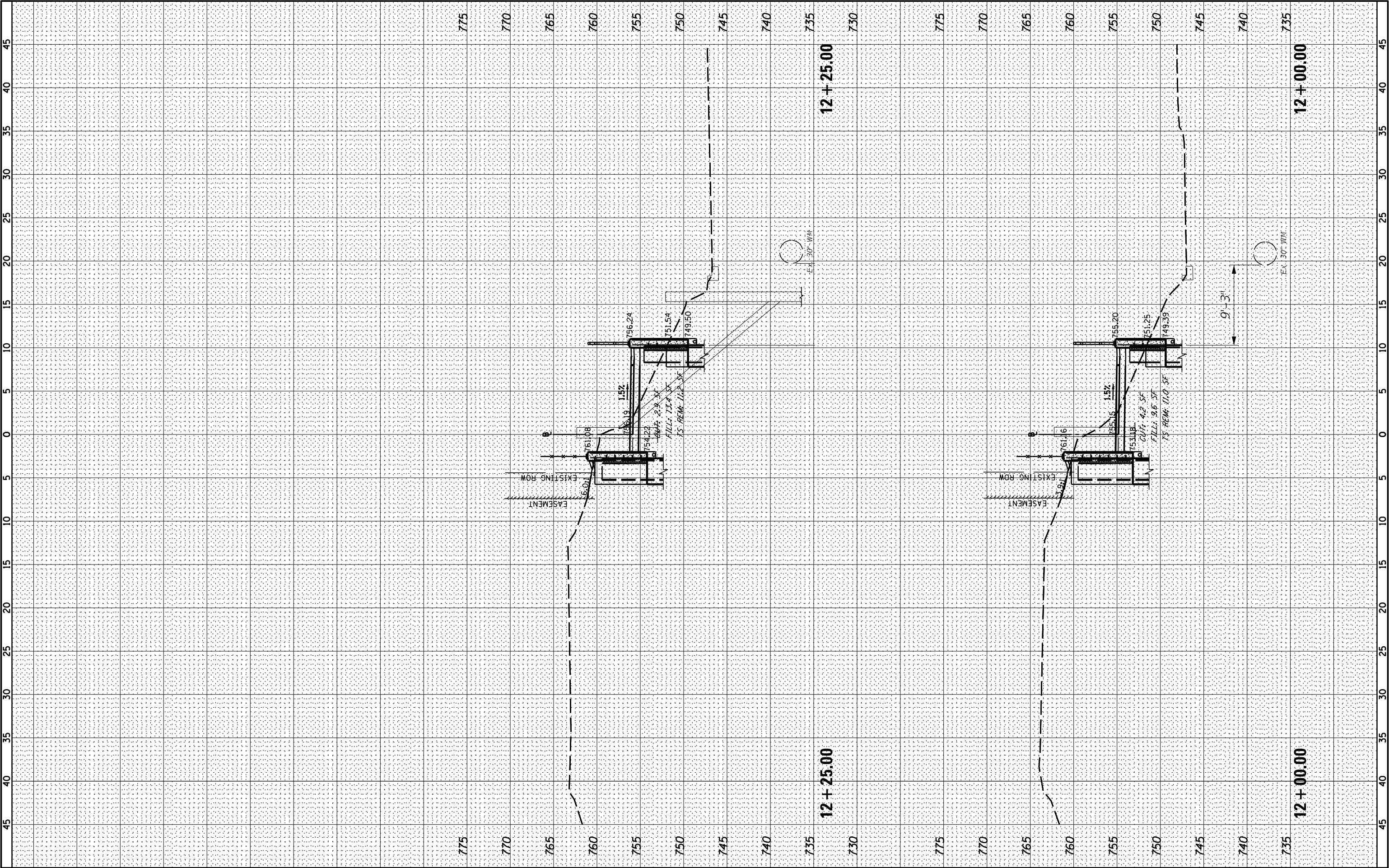
FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	DATE	BY

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	DATE	BY



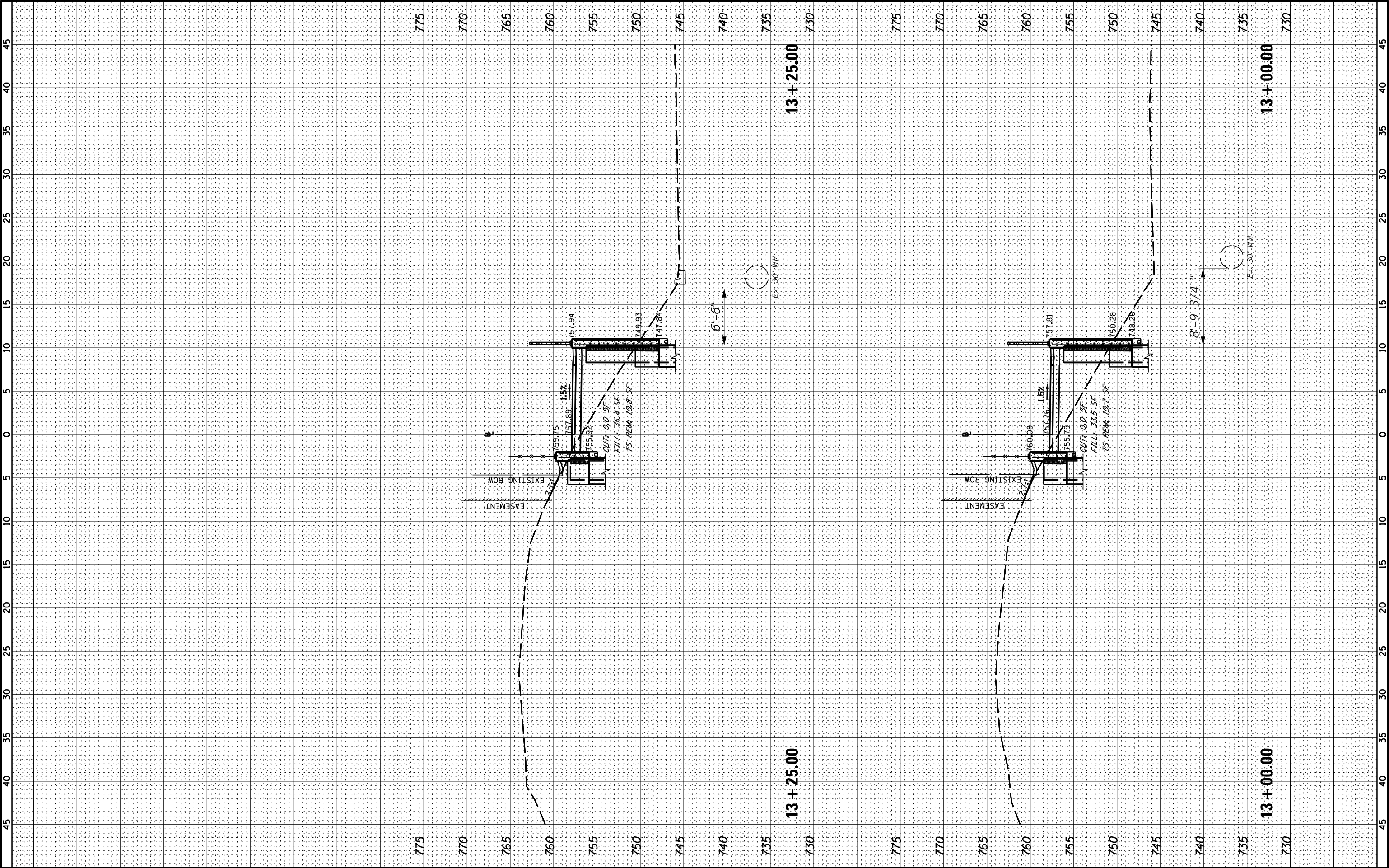
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO. _____	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO. _____	AREAS CHECKED	



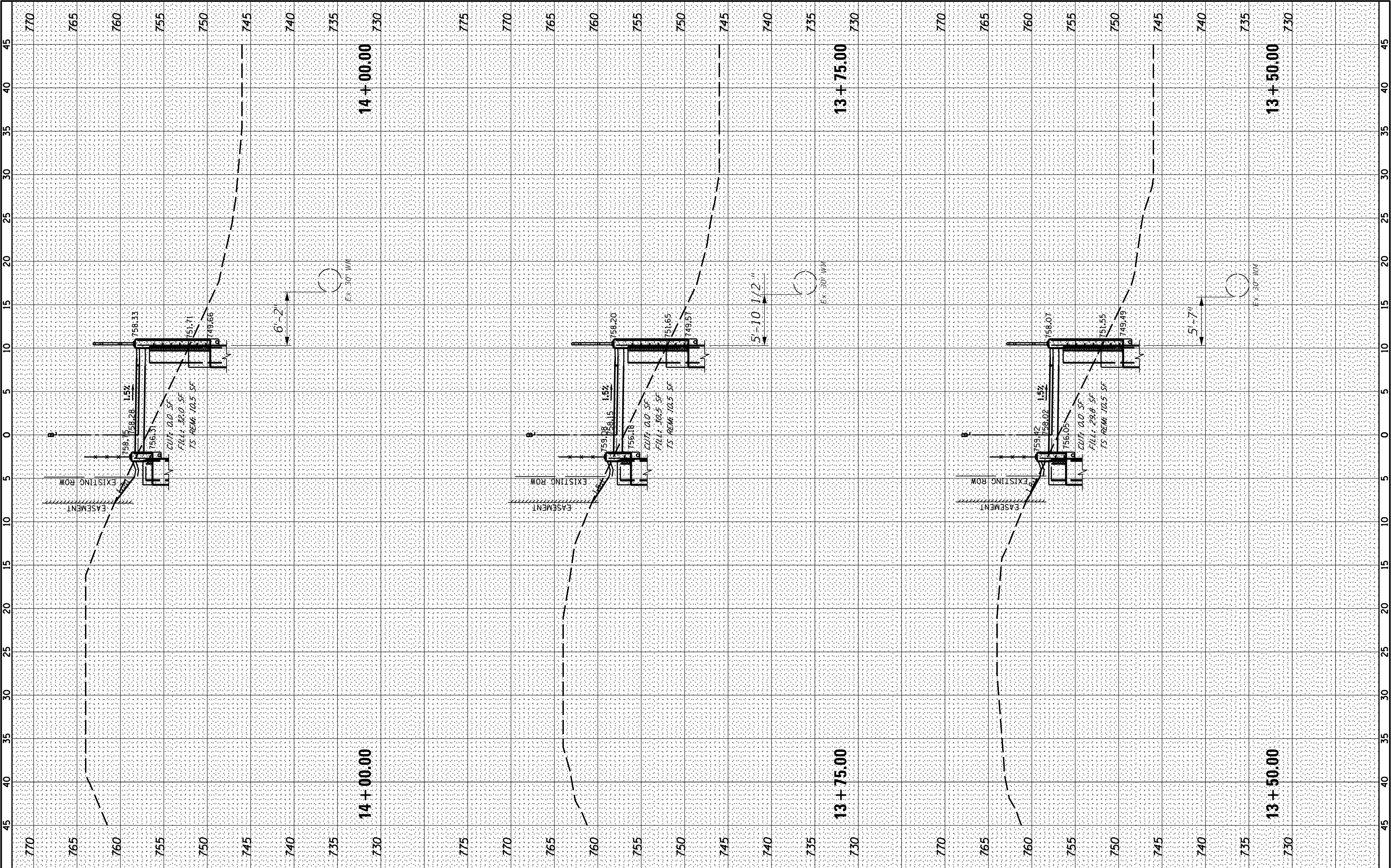
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO. _____	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO. _____	AREAS CHECKED	



FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	

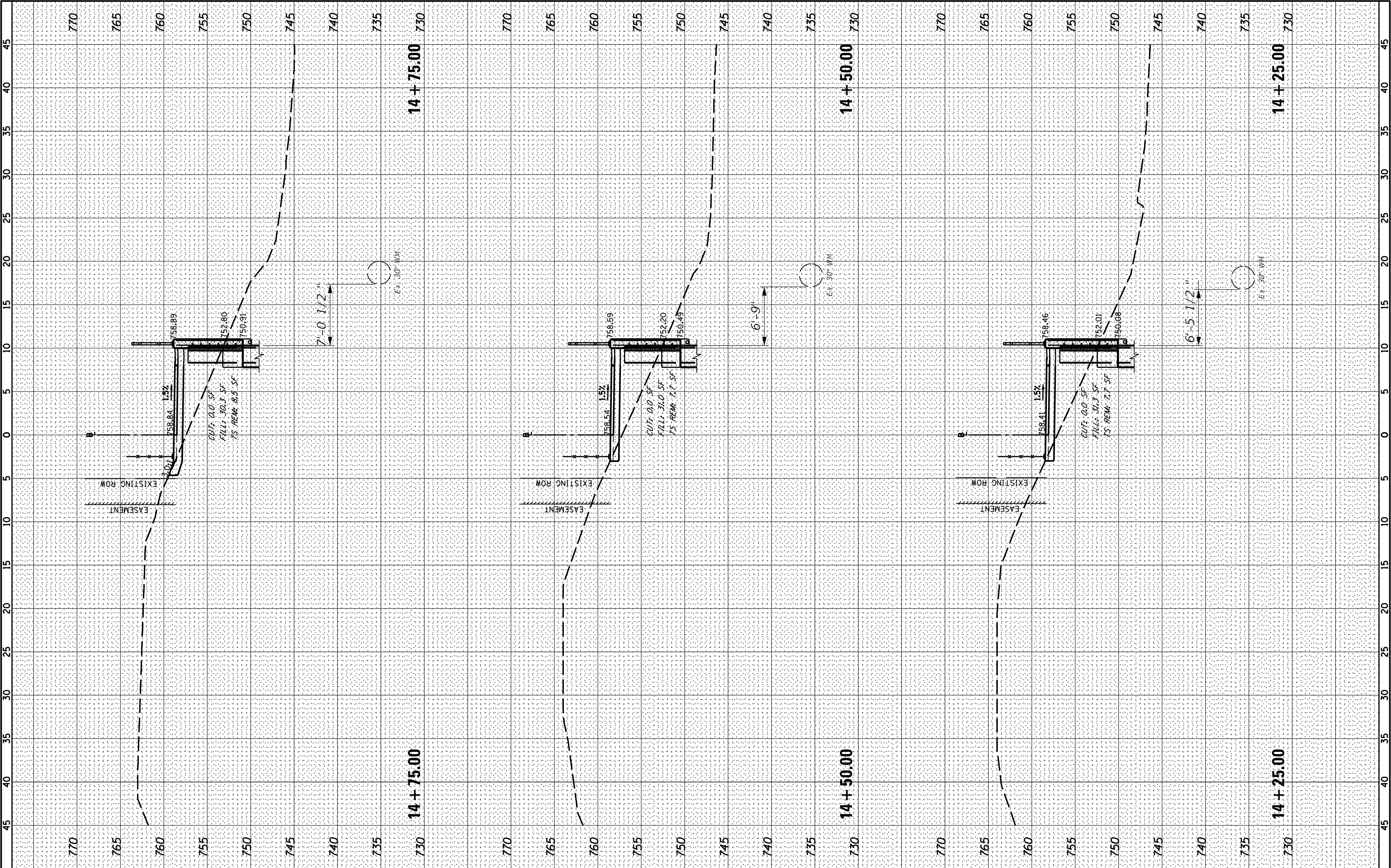
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	



FILE NAME =	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Struct\29-250030-XS.sht		DRAWN -	REVISED -		1321	23-00064-00-BT	DuPage	82	70				
Default	PLOT SCALE = 10'	CHECKED -	REVISED -		CONTRACT NO. 61M54								
	PLOT DATE = 8/31/2026	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: NTS	SHEET	OF XS-10SHEETS	STA. 13+50.00	TO STA. 14+00.00				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	

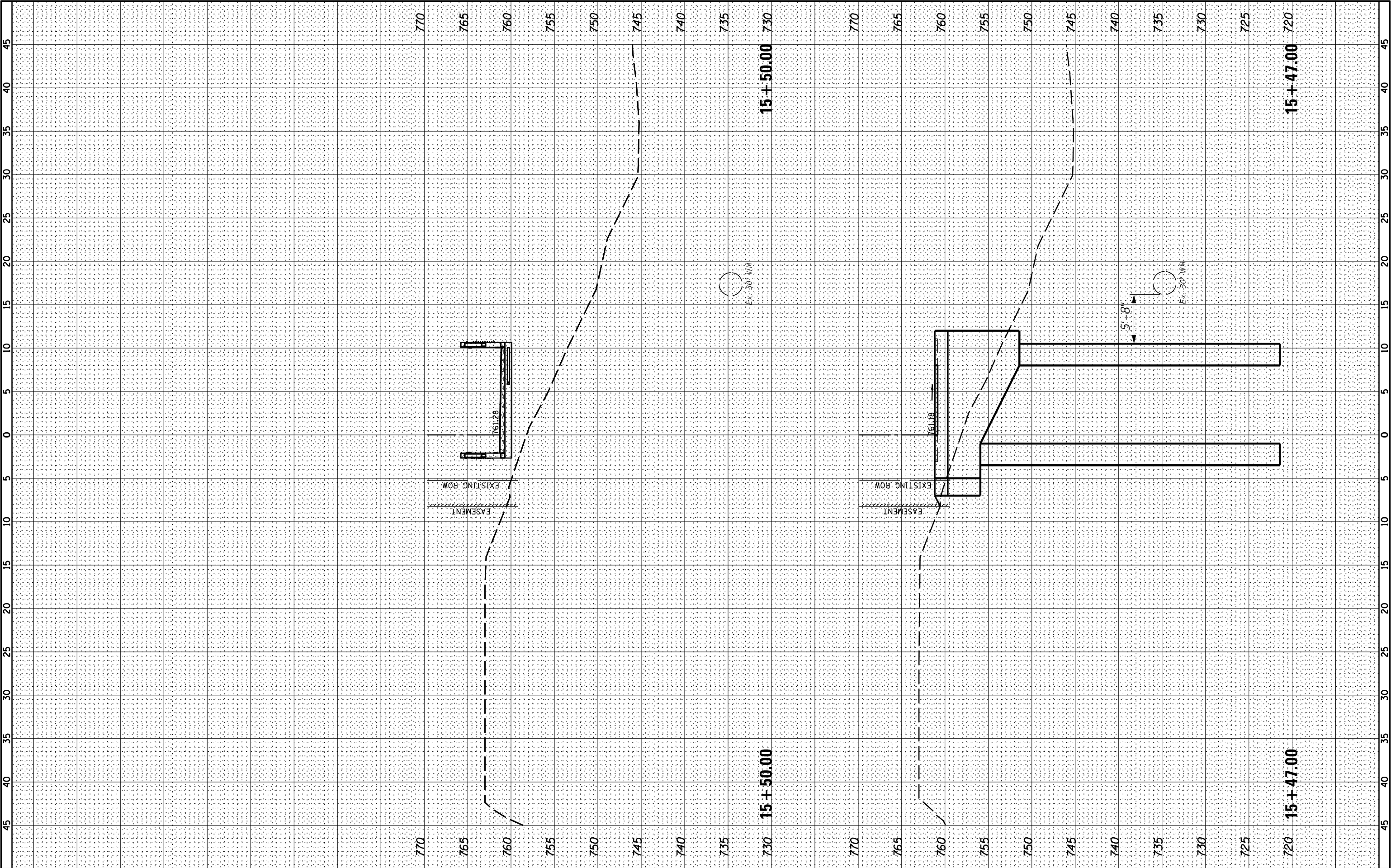
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS	CHECKED	



FILE NAME =	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Struct\29-250030-XS.sht		DRAWN -	REVISED -					SCALE: NTS	SHEET	OF XS-10SHEETS	STA. 14+25.00	TO STA.14+75.00	23-00064-00-BT	DuPage	82	71
Default		CHECKED -	REVISED -										CONTRACT NO. 61M54			
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT			

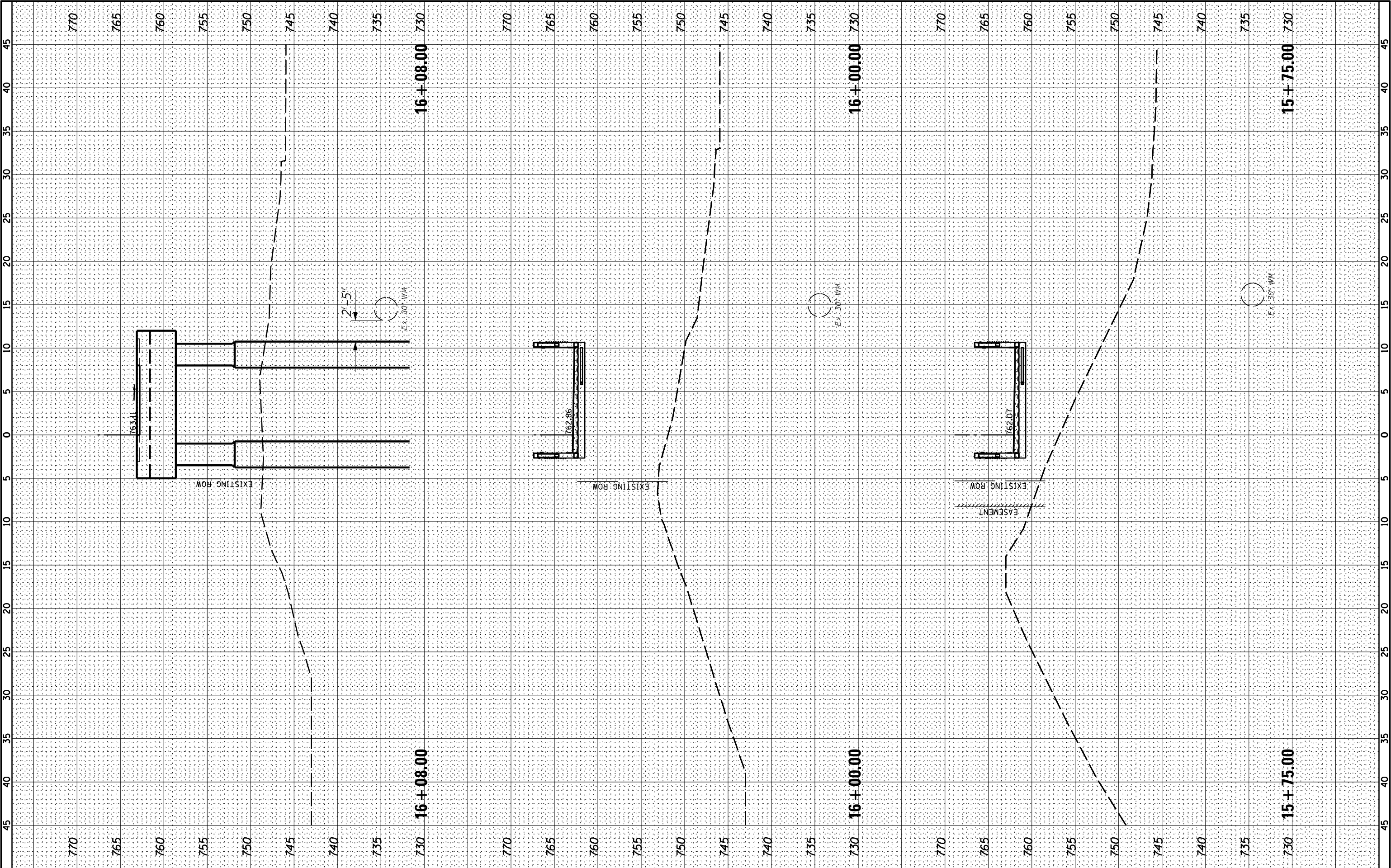
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.		
NOTE BOOK	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.		
NOTE BOOK	AREAS		
	CHECKED		



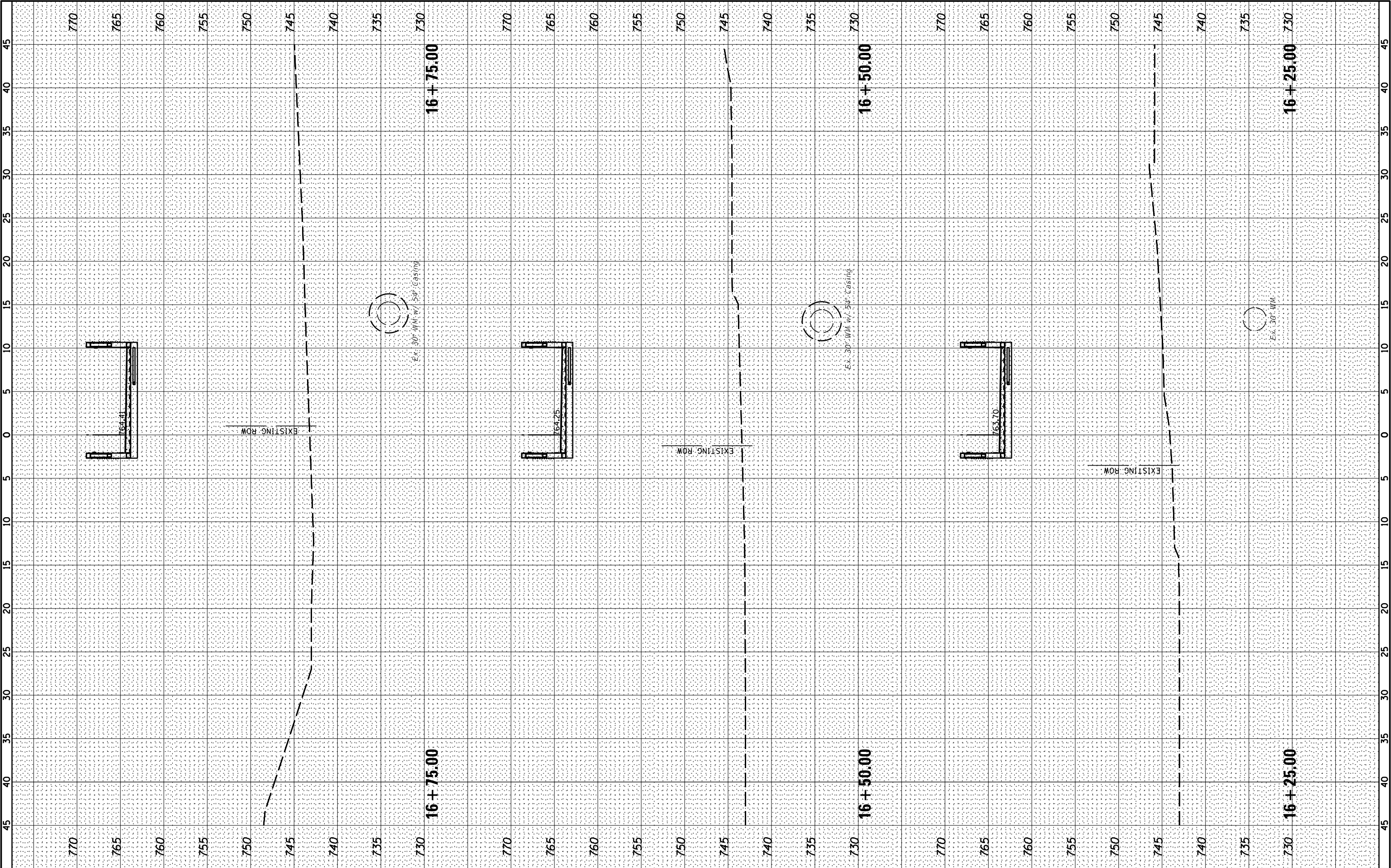
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	AREAS CHECKED	



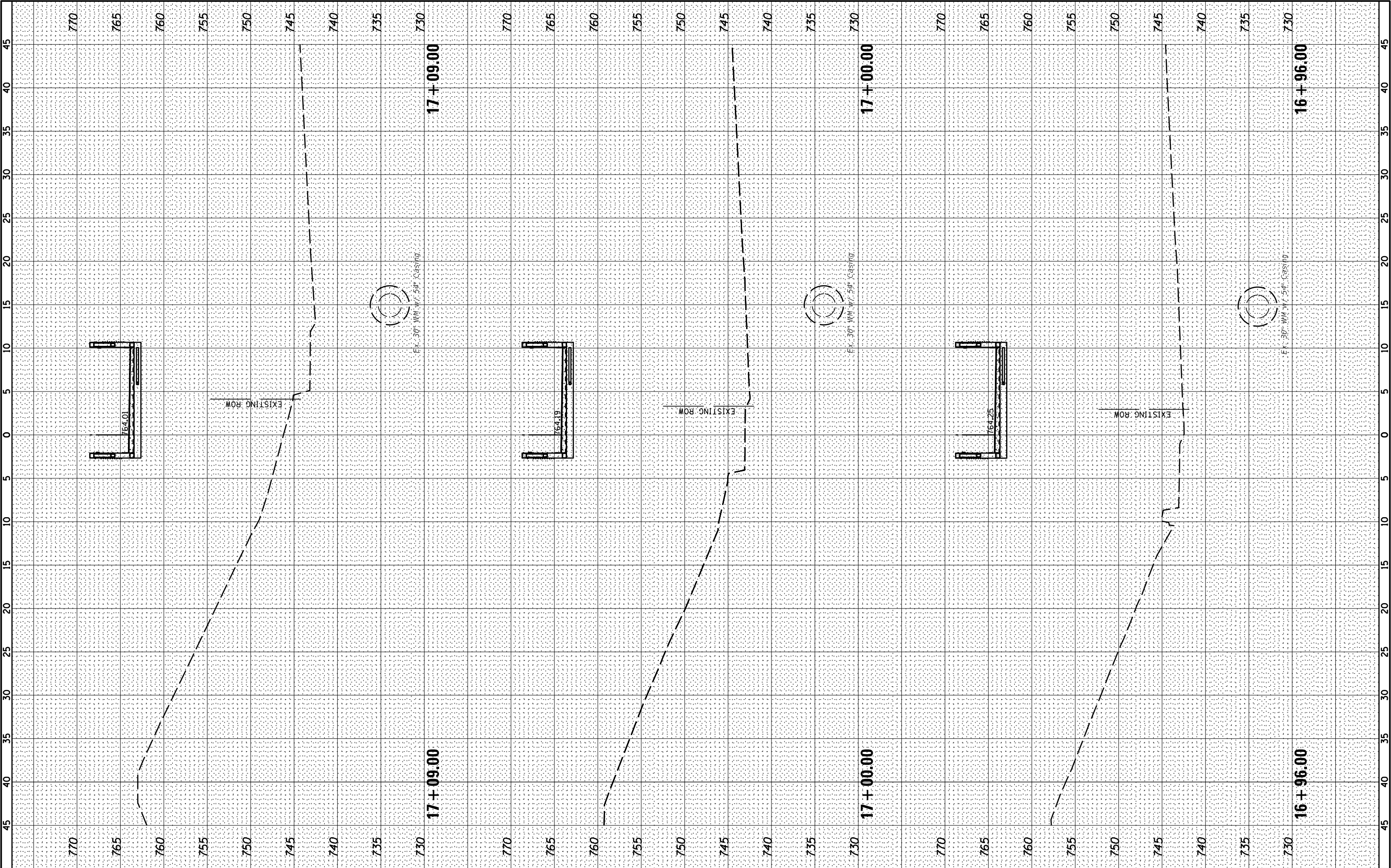
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		



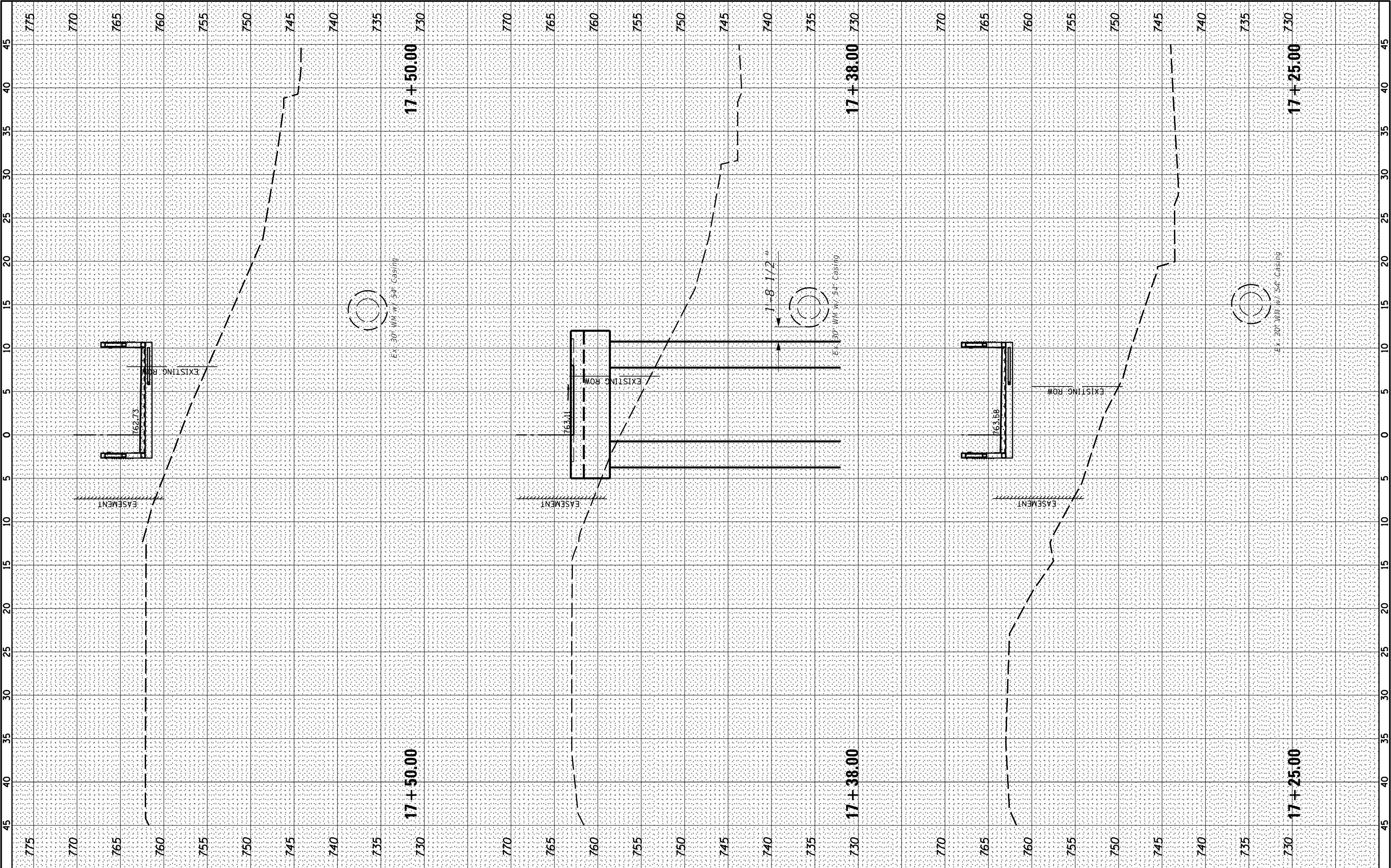
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	AREAS CHECKED	



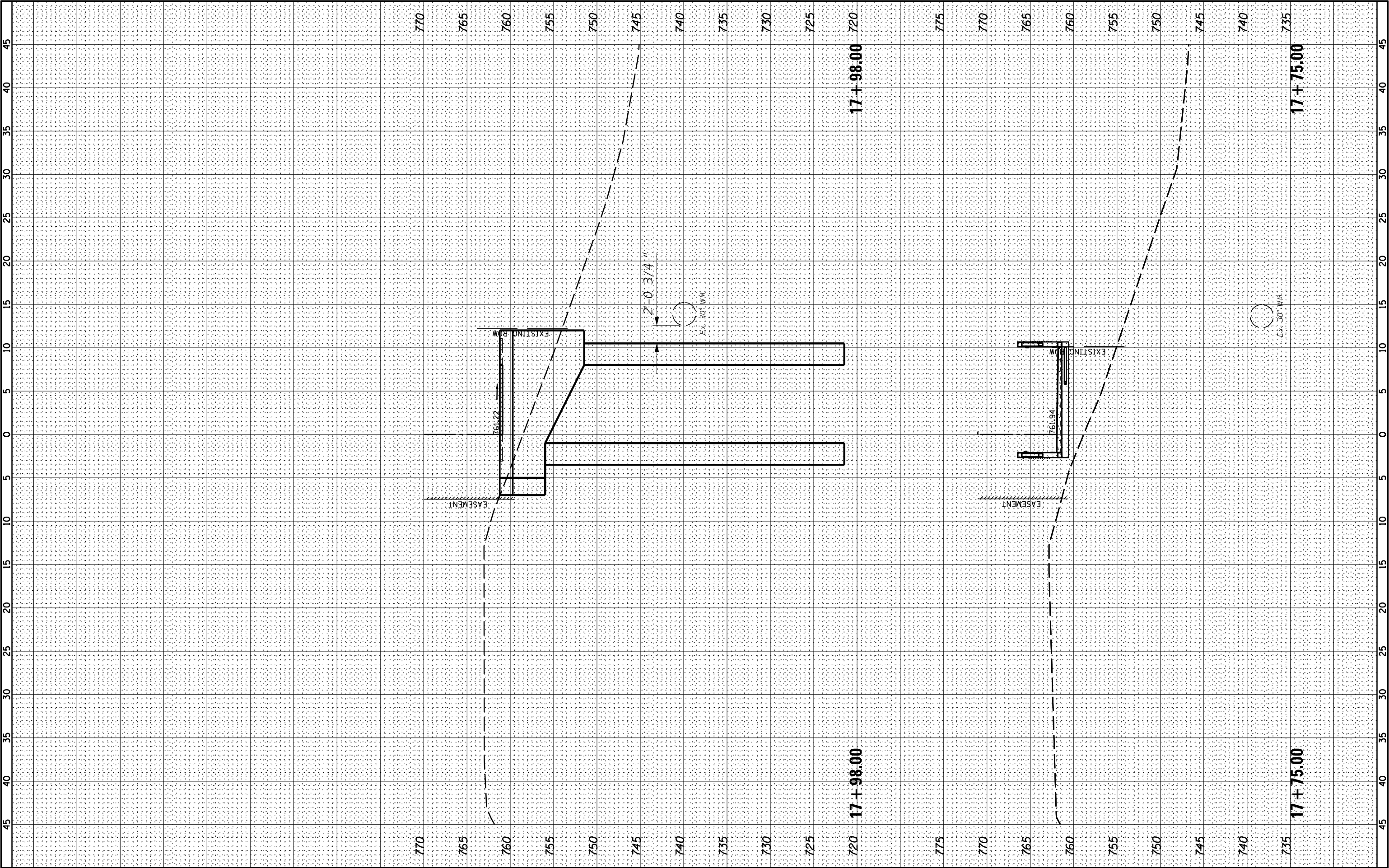
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	CHECKED		



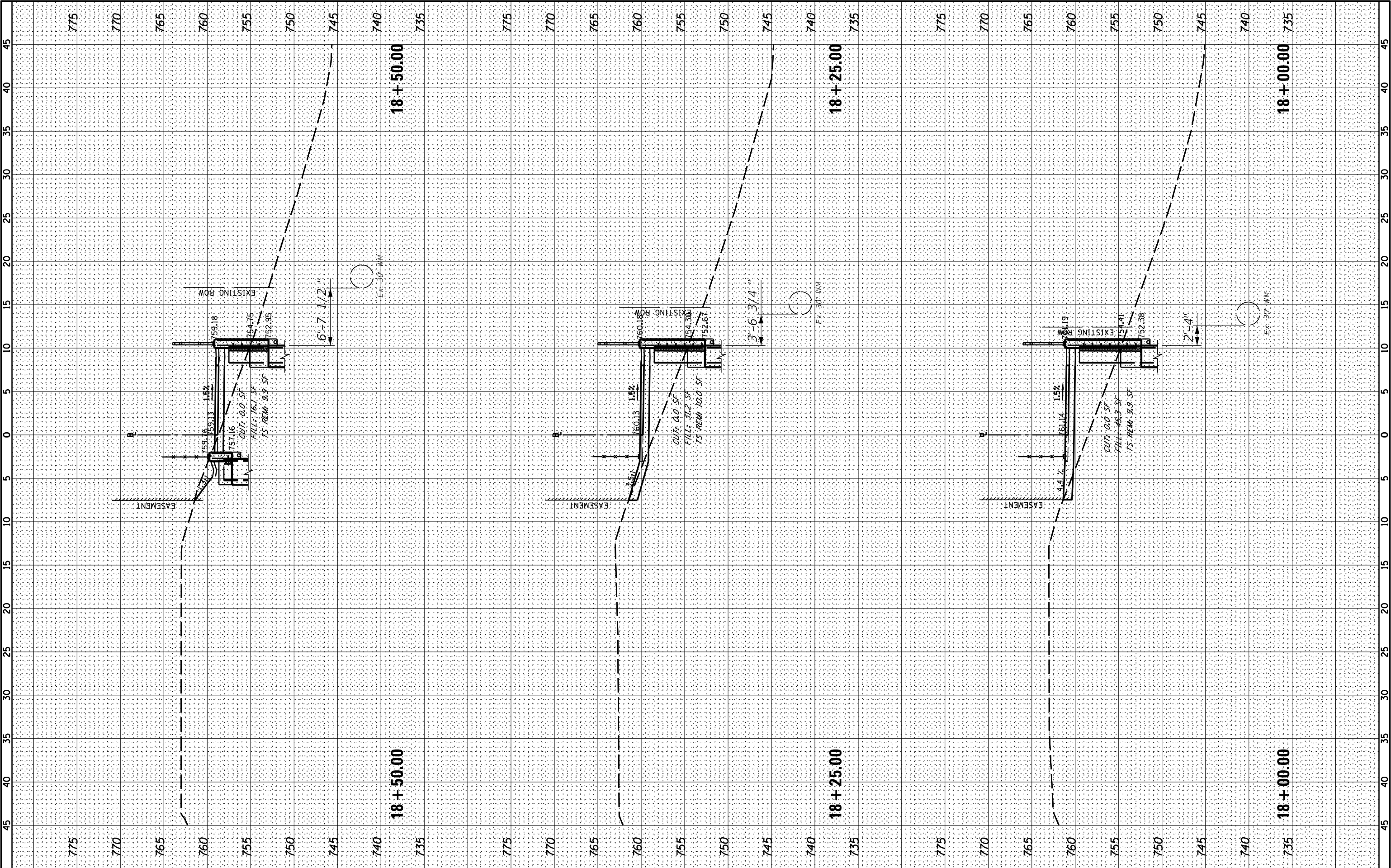
FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	NOTE BOOK	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	NO.	NOTE BOOK	AREAS CHECKED



FINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE

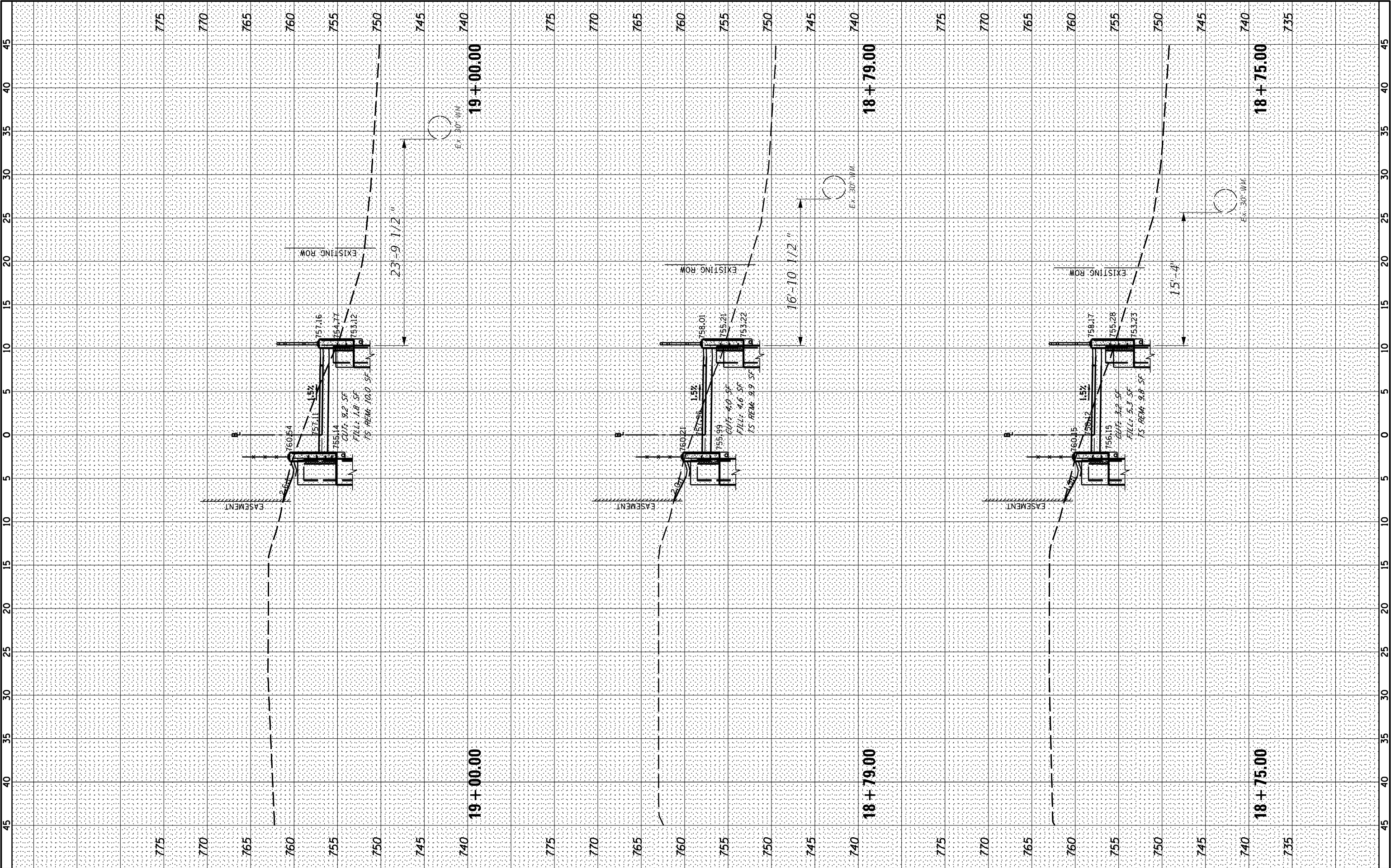
ORIGINAL SURVEY NO.	SURVEYED PLOTTED NOTE BOOK AREAS CHECKED	BY	DATE



FILE NAME = N:\ROSELLE\250030\Struct\29-250030-XS.sht Default	USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE. 1321	SECTION 23-00064-00-BT	COUNTY DuPage	TOTAL SHEETS 82	SHEET NO. 79
	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE: NTS	SHEET	OF XS-10SHEETS	STA. 18+00.00	TO STA.18+50.00	CONTRACT NO. 61M54			
	PLOT DATE = 8/31/2026	CHECKED -	REVISED -							ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -											

FINAL SURVEY	BY		DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	NOTE BOOK		
	AREAS		CHECKED

ORIGINAL SURVEY	BY		DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
NO.	NOTE BOOK		
	AREAS		CHECKED



FILE NAME =		USER NAME = jmler	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROSELLE\250030\Struct\29-250030-XS.sht			DRAWN -	REVISED -		1321	23-00064-00-BT	DuPage	82	80				
PLOT SCALE = 10'			CHECKED -	REVISED -						CONTRACT NO. 61M54				
PLOT DATE = 8/31/2026			DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
Default						SCALE: NTS	SHEET	OF XS-10SHEETS	STA. 18+75.00	TO STA.19+00.00				

FINAL SURVEY NOTE BOOK NO. _____	BY _____	DATE _____	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____	BY _____	DATE _____	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED

