

FOR INDEX OF SHEETS, SEE SHEET NO. 2

01-15-2016 LETTING ITEM 003

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

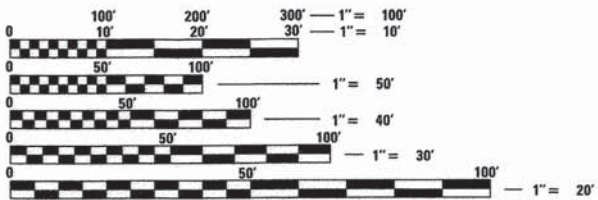
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU ROUTE 1343 (STATE STREET)
WATER STREET TO RIVER STREET
BRIDGE REHABILITATION
SECTION NO.: 13-00043-00-BR
PROJECT NO.: TE-00D(927)
VILLAGE OF SOUTH ELGIN
KANE COUNTY
C-91-286-13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61C17	



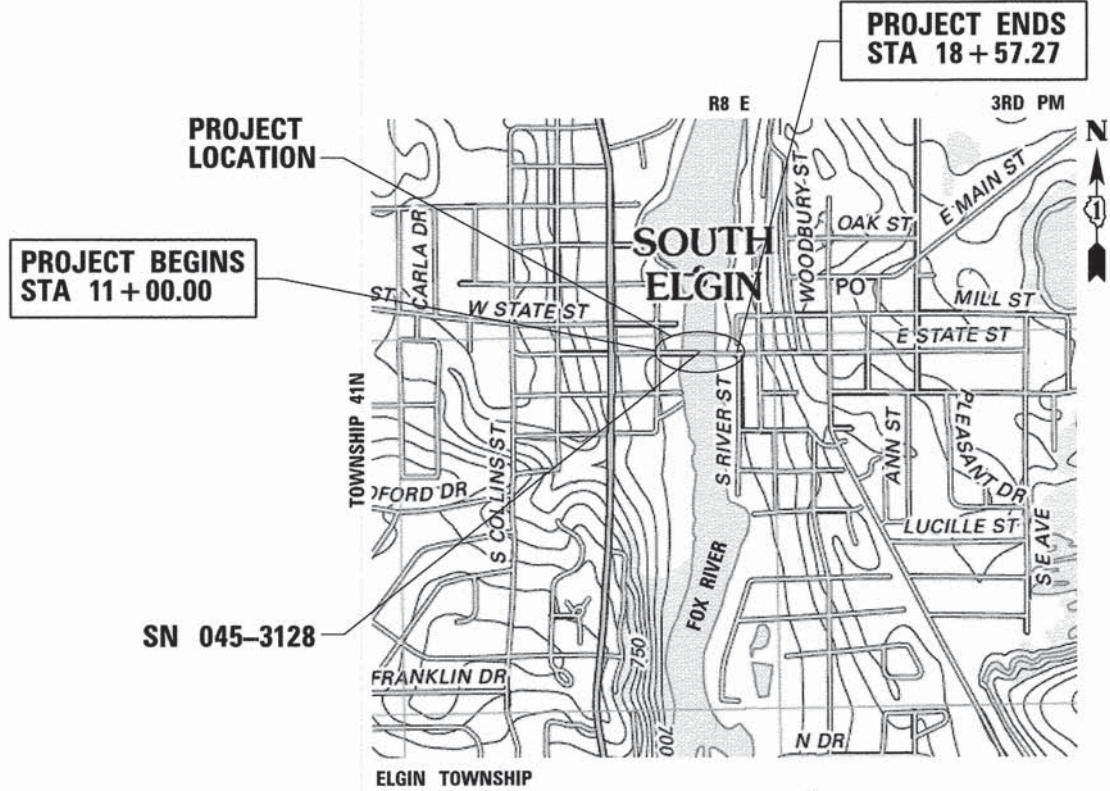
TRAFFIC DATA
 STATE STREET
 ADT (2015) = 2050
 SPEED LIMIT = 30 MPH
 ADT (2032) = 2616
 MINOR ARTERIAL



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

PLANS PREPARED BY:
Michael Baker
 INTERNATIONAL
 CONTRACT NO. 61C17



LOCATION MAP
N.T.S.

GROSS & NET LENGTH = 757 FT. = 0.14 MILE

MICHAEL BAKER INTERNATIONAL

Isaac Yun P.E.
 IL REG. NO. 62-062257
 EXP. 11/30/2015
 DATE 10/22/2015

MICHAEL BAKER INTERNATIONAL

APPLIES TO SHEETS 25-49

Dennis F. Morgan P.E., SE
 IL REG. NO. 081-006508
 EXP. 11/30/2016
 DATE 10/22/2016

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED: 10-26 20 15
[Signature]
 PUBLIC WORKS DIRECTOR, VILLAGE OF SOUTH ELGIN

PASSED: Oct 26 20 15
[Signature]
 DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW October 26 20 15
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, PE, PTOE 847-705-4021 SCHAUMBURG, IL

INDEX OF SHEETS

1 COVER SHEET
 2 GENERAL NOTES
 3-4 SUMMARY OF QUANTITIES
 5-6 TYPICAL SECTIONS
 7 SCHEDULE OF QUANTITIES
 8-9 ALIGNMENT, TIES AND BENCHMARKS
 10 BORING LOGS
 11 EXISTING CONDITION & REMOVAL PLAN
 12 PROPOSED PLAN
 13-14 MAINTENANCE OF TRAFFIC
 15 EROSION CONTROL
 16 SIGNING AND PAVEMENT MARKINGS
 17 ROADWAY GRADING DETAIL
 18 CONSTRUCTION DETAILS
 19-24 LIGHTING PLANS
 25-49 STRUCTURAL PLANS
 50-53 DISTRICT 1 DETAILS
 54-65 CRITICAL CROSS SECTIONS

IDOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001001-02 AREAS OF REINFORCEMENT BARS
 001006 DECIMAL OF AN INCH AND OF A FOOT
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 424026-01 ENTRANCE/ALLEY PEDESTRAIN CROSSING
 701006-05 OFF-RD OPERATIONS, 2L, 2W, 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
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
 701901-04 TRAFFIC CONTROL DEVICES
 704001-07 TEMPORARY CONSTRUCTION BARRIER
 720001-01 SIGN PANEL MOUNTING DETAILS
 720006-04 SIGN PANEL ERECTION DETAILS
 729001-01 APPLICATIONS OF TYPE A&B METALPOSTS (FOR SIGNS & MARKERS)
 780001-05 TYPICAL PAVEMENT MARKINGS
 812001 RACEWAY EMBEDDED IN STRUCTURE (SHT 2 OF 3)
 814001-03 HANDHOLES (CONCRETE COMPOSITE)
 825011-03 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
 836001-02 LIGHT POLE FOUNDATION

POINTS OF CONTACT

AT&T CORP. MR. HECTOR GARCIA 1000 COMMERCE DRIVE OAK BROOK, IL 60523 847-888-6799 (OFFICE) 630-639-8372 (DIRECT) HG2929@ATT.COM	NICOR GAS CONSTANCE LANE 1844 FERRY ROAD NAPERVILLE, IL 60563 630-388-3830 CLANE@AGIRESOURCES.COM
COMMONWEALTH EDISON COMPANY MRS. DARLENE CRAMMER 860 OAK CREEK DRIVE LOMBARD, IL 60148 630-396-8220 EXT. 4524	VILLAGE OF SOUTH ELGIN DAN MANN 10 N. WATER STREET SOUTH ELGIN, IL 60177 847-695-2742 DMANN@SOUTHELGIN.COM
COMCAST CABLE MR. THOMAS MUNAR 688 INDUSTRIAL DRIVE ELMHURST, IL 60126 630-600-6316 THOMAS.MUNAR@CABLE.COMCAST.COM	VILLAGE OF SOUTH ELGIN PUBLIC WORKS RICHARD GALLAS 735 MARTIN DRIVE SOUTH ELGIN, IL 60177 847-695-2742 RGALLAS@SOUTHELGIN.COM

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", "THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS", AND THE "STANDARD SPECIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST I.D.O.T. STANDARD.
- THE CONTRACTOR SHALL NOT BEGIN THE WORK TO BE PERFORMED UNDER THE CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER TO PROCEED WITH THE WORK AND SHALL COMMENCE WORK NOT LATER THAN TEN (10) DAYS AFTER RECEIVING THE AUTHORIZATION TO PROCEED.
- ALL ELEVATIONS ARE BASED ON NGV 29 DATUM.
- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIAL AND BEGINNING THE CONSTRUCTION.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- THE CONTRACTOR SHALL OBTAIN, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGGERS AND OTHER TRAFFIC CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING, OR GUIDING TRAFFIC. PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT THE CONTRACTOR'S EXPENSE, TO HAVE A WATER TRUCK OR SIMILAR EQUIPMENT AVAILABLE TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS. THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.
- THE UNIT PRICE FOR ALL REMOVAL PAY ITEMS SHALL INCLUDE ALL REQUIRED SAW CUTS.
- ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES. PAYMENT FOR THE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION AND WILL NOT BE PAID FOR SEPARATELY.
- TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION. THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT OF WAY MUST BE APPROVED BY THE ENGINEER.
- TEMPORARY TOILET - THE CONTRACTOR SHALL PROVIDE A TEMPORARY TOILET FACILITY FOR THE USE OF ALL CONTRACTORS' PERSONNEL EMPLOYED ON THE WORK, AND SHALL MAINTAIN SAME IN PROPER SANITARY CONDITIONS. THIS FACILITY MAY NOT BE LOCATED NEAR THE FOX RIVER. AT COMPLETION, THE FACILITY SHALL BE REMOVED AND THE PREMISES LEFT CLEAN. THE ENGINEER SHALL APPROVE THE LOCATION OF THE TEMPORARY TOILET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF ITEM 67000400 ENGINEER'S FIELD OFFICE, TYPE A.
- CONCRETE WASHOUT FACILITY SHOULD BE PROVIDED IN THE FIELD BY THE CONTRACTOR. THE COST OF THIS FACILITY SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 50300225 CONCRETE STRUCTURES. ALL PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 50300225 CONCRETE STRUCTURES.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AN ACCESSIBLE ALTERNATIVE TEMPORARY PATH OPEN AT ALL TIMES WITH THE USE OF IDOT STANDARD ROAD PLAN 701801-05.
- ALL SIDEWALK REMOVAL AND REPLACEMENT SHALL BE DONE IN FULL SECTIONS TO MATCH PROPOSED SIDEWALK TO EXISTING. THE COST OF THE TRANSITION SHALL BE INCLUDED IN THE COST OF THE SIDEWALK PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT PRICE FOR ITEM 28000500 INLET AND PIPE PROTECTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLET AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT DRAINAGE FACILITIES ARE IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE UNIT PRICE FOR ITEM 28000500 INLET AND PIPE PROTECTION.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED AREAS PRIOR TO THE FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT THEIR EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA TO DOCUMENT THE FLOOD PLAIN FILL. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER TO COLLECT DATA AND DOCUMENT WITH PLANS AND CROSS-SECTIONS THE RELATED FLOODPLAIN IMPACTS (FILL) TO THE VILLAGE OF SOUTH ELGIN. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF MOBILIZATION.
- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201 OF THE STANDARD SPECIFICATIONS
- TEMPORARY FENCE SHALL BE PLACED AROUND ALL TREES THAT ARE TO BE PROTECTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISION PERIMETER EROSION BARRIER FOR MORE DETAIL.
- ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 FOR FIELD LOCATIONS OF ALL UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF SOUTH ELGIN (72 HOUR NOTIFICATION IS REQUIRED).
- EXISTING PUBLIC AND PRIVATE UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES, AND SURVEYS. IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL BE FAMILIARIZED WITH THE LOCATION OF ALL UTILITIES AND STRUCTURES THAT MAY BE FOUND IN THE VICINITY OF THE CONSTRUCTION. THE CONTRACTOR WILL ALSO ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES MAY BE DIFFERENT THAN INDICATED.
- SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR SHALL MAKE REPAIRS IN A MANNER ACCEPTABLE TO THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF THEIR CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER, IN ACCORDANCE WITH ARTICLES 105.07 AND 107.31 OF THE STANDARD SPECIFICATIONS.
- ALL UTILITIES, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- WHEN WORKING IN THE VICINITY OF ELECTRIC LINES, THE CONTRACTOR SHALL MAINTAIN A MINIMUM WORKING CLEARANCE DISTANCE BETWEEN THE EQUIPMENT USED AND THE ELECTRIC TRANSMISSION (138KV AND 345 KV) AND ELECTRIC DISTRIBUTION (12KV AND 34KV) CONDUCTORS EQUAL TO THE GREATER OF TEN (10) FEET OR THE DISTANCE REQUIRED BY O.S.H.A. REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.

FILE NAME = H:\38117_Stage 51_Bridge_Enhancements\3.8_18117-General Notes.dgn



USER NAME = jrooke	DESIGNED JBR	REVISED -
PLLOT SCALE = 1.000' / 1" =	DRAWN AJV	REVISED -
PLLOT DATE = 10/19/2015	CHECKED ITY	REVISED -
	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
GENERAL NOTES

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-0043-00-BR	KANE	65	2
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00019271				

SUMMARY OF QUANTITIES						
SI	SP	PAY ITEM CODE	DESCRIPTION	UNIT	TOTAL QUANTITY 80% FED 20% LOCAL*	CONSTRUCTION CODE
		20200100	EARTH EXCAVATION	CU YD	19	0028
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	100	0028
		21101625	TOPSOIL FURNISH AND PLACE 6"	SQ YD	600	0028
		25000210	SEEDING, CLASS 2A	ACRE	0.12	0028
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	17	0028
		25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	14	0028
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	33	0028
		25100630	EROSION CONTROL BLANKET	SQ YD	600	0028
		28000400	PERIMETER EROSION BARRIER	FOOT	930	0028
		28000500	INLET AND PIPE PROTECTION	EACH	3	0028
		28000510	INLET FILTERS	EACH	40	0028
		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	169	0028
		42001300	PROTECTIVE COAT	SQ YD	169	0028
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	981	0028
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	538	0028
		44000600	SIDEWALK REMOVAL	SQ FT	600	0028
		50102400	CONCRETE REMOVAL	CU YD	140	0028
		50300225	CONCRETE STRUCTURES	CU YD	28	0028
		50300255	CONCRETE SUPERSTRUCTURE	CU YD	338	0028
	X	50300285	FORM LINER TEXTURED SURFACE	SQ FT	1491	0028
		50300300	PROTECTIVE COAT	SQ YD	660	0028
		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	97660	0028
X		50901720	BICYCLE RAILING	FOOT	970	0028
X		50901750	PARAPET RAILING	FOOT	703	0028
		52000110	PREFORMED JOINT STRIP SEAL	FOOT	45	0028

SI = SPECIALTY ITEMS
SP = SPECIAL PROVISION

SUMMARY OF QUANTITIES						
SI	SP	PAY ITEM CODE	DESCRIPTION	UNIT	TOTAL QUANTITY 80% FED 20% LOCAL*	CONSTRUCTION CODE
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	0028
		67100100	MOBILIZATION	LSUM	1	0028
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	0028
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5,000	0028
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,670	0028
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	515	0028
		70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	515	0028
		70600240	IMPACT ATTENUATORS, TEMPORARY(NON-REDIRECTIVE), TEST LEVEL 2	EACH	2	0028
		72000100	SIGN PANEL - TYPE 1	SQ FT	45	0028
		72900200	METAL POST - TYPE B	FOOT	45	0028
X		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	400	0028
X		78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	800	0028
X	X	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	0028
X		80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1	0028
X		81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70	0028
X		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	555	0028
X		81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA PVC COATED GALVANIZED STEEL	FOOT	470	0028
X		81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"	EACH	4	0028
X		81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8"x8"x6"	EACH	6	0028
X		81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1	0028
X		81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO 4	FOOT	4,925	0028
X		82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP	EACH	1	0028
X		83600200	LIGHT POLE FOUNDATION 24" DIAMETER	FOOT	42	0028
X		84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	5	0028
X		LR430050	CONCRETE PAVER SIDEWALK	SQ YD	358	0028

FILE NAME = H:\138117 State St Bridge Enhancements\3.8 deliverables\3.2 roadwork\3.2.3 CADD Sheets\03 138117-Summary of Quantities.dgn



USER NAME = jrooke	DESIGNED JBR	REVISED -
PLOT SCALE = 0.862' / in.	DRAWN AJV	REVISED -
PLOT DATE = 10/20/2015	CHECKED ITY	REVISED -
	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	3
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

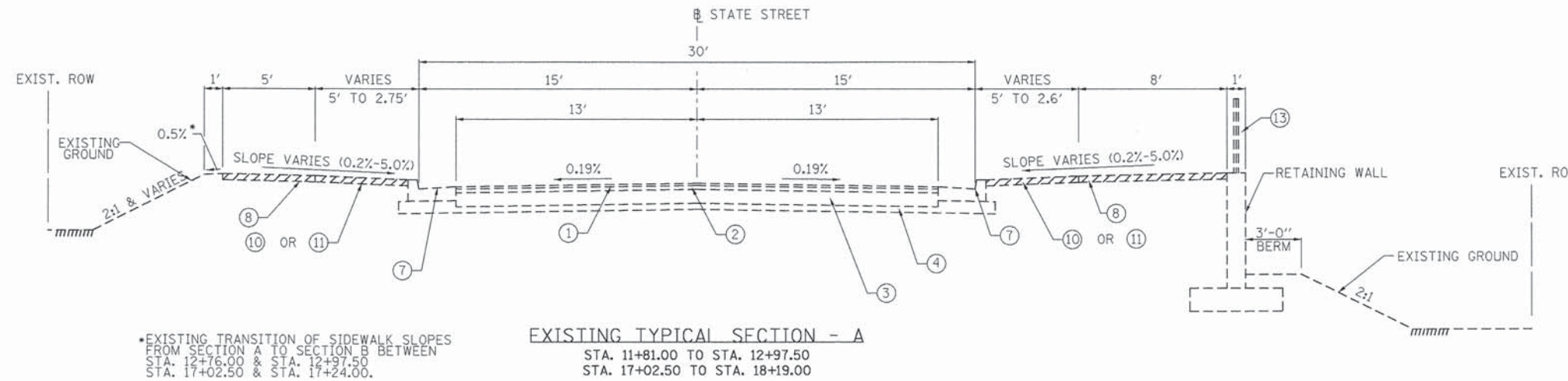
EXISTING LEGEND

- ① 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I
- ② 2-1/2" BITUMINOUS CONCRETE BINDER COURSE
- ③ 9" BITUMINOUS BASE COURSE
- ④ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑤ PCC BRIDGE APPROACH PAVEMENT
- ⑥ BRIDGE APPROACH SUBBASE, 4"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PCC SIDEWALK, 4"
- ⑨ PCC SIDEWALK, 6"
- ⑩ STONE PAVERS
- ⑪ PARKWAY
- ⑫ EXISTING PARAPET
- ⑬ EXISTING BICYCLE RAILING

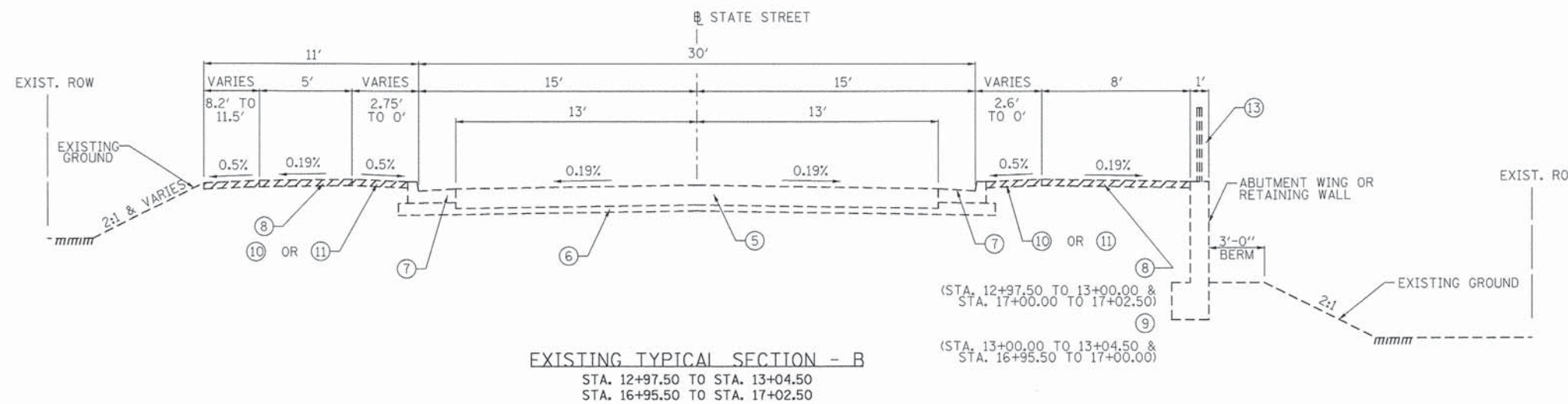


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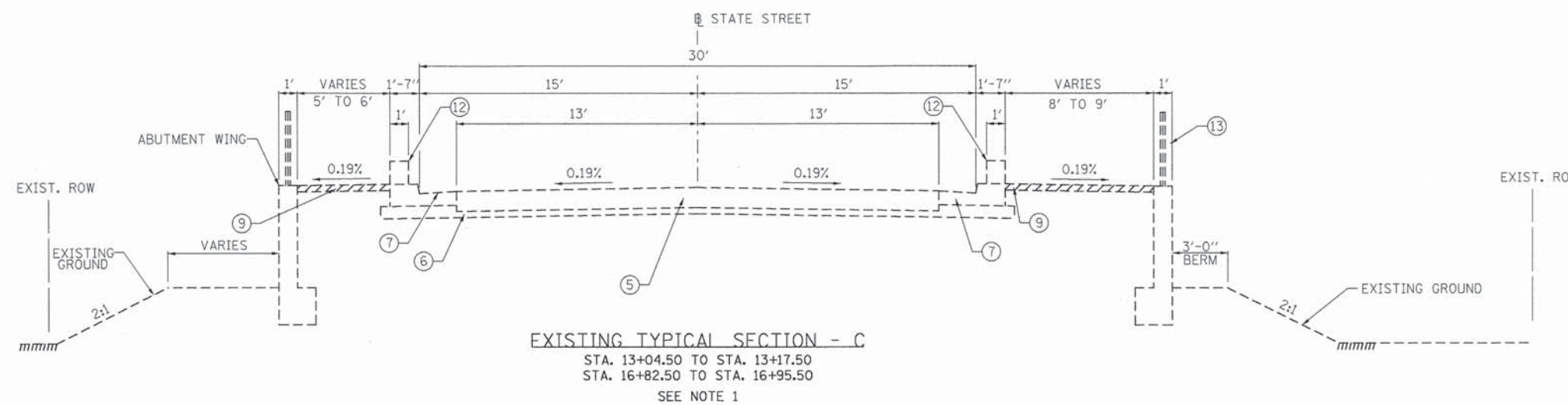
1. REFER TO STRUCTURAL PLANS FOR BRIDGE SECTIONS FROM STA. 13+17.50 TO STA. 16+82.50
2. REFER TO THE STRUCTURAL TYPICAL SECTIONS FOR MORE INFORMATION



*EXISTING TRANSITION OF SIDEWALK SLOPES FROM SECTION A TO SECTION B BETWEEN STA. 12+76.00 & STA. 12+97.50
STA. 17+02.50 & STA. 17+24.00.



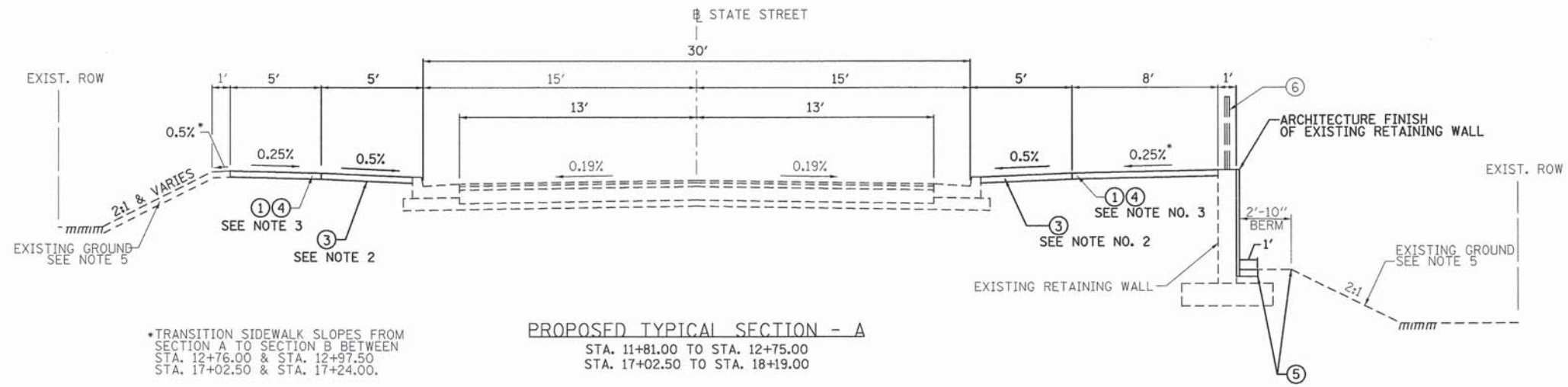
EXISTING TYPICAL SECTION - B
STA. 12+97.50 TO STA. 13+04.50
STA. 16+95.50 TO STA. 17+02.50



EXISTING TYPICAL SECTION - C
STA. 13+04.50 TO STA. 13+17.50
STA. 16+82.50 TO STA. 16+95.50
SEE NOTE 1

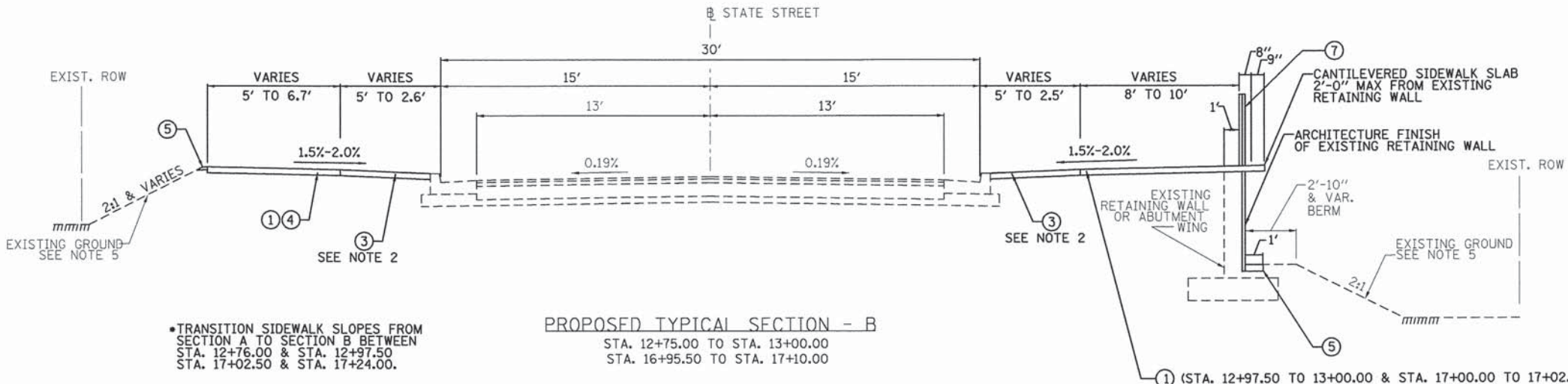
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Michael Baker INTERNATIONAL	USER NAME = j-rooke	DESIGNED <i>JBR</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE STREET BRIDGE ENHANCEMENT PROJECT EXISTING TYPICAL SECTIONS			F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 5	
	PLOT SCALE = 1:8000' / in.	CHECKED <i>ITY</i>	REVISED -		SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	JOB NO. C-91-286-13	CONTRACT NO. 61C17				
	PLOT DATE = 10/19/2015	DATE <i>10/21/2015</i>	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00019271								



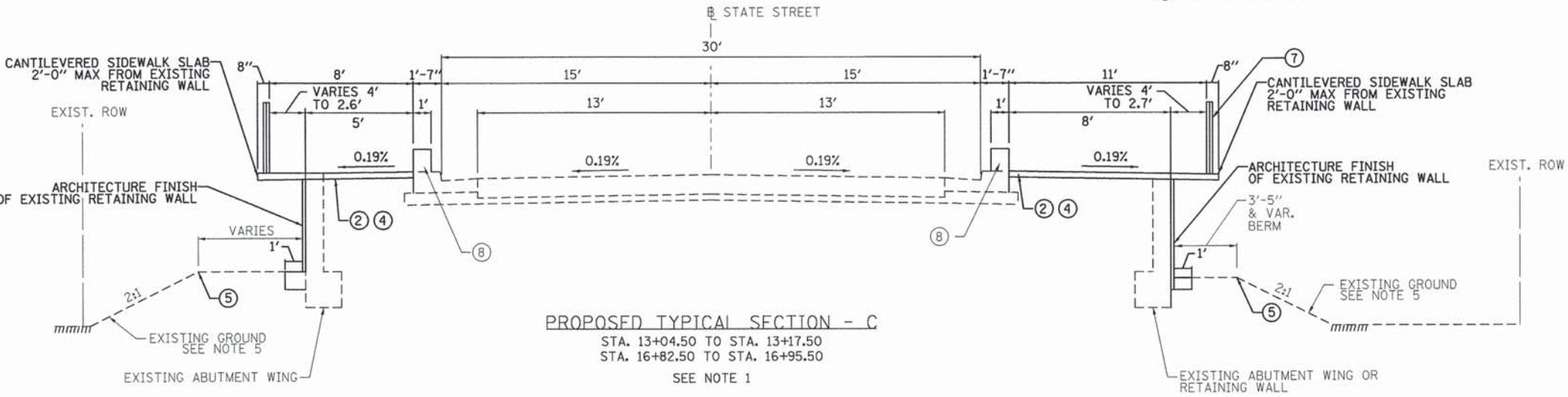
*TRANSITION SIDEWALK SLOPES FROM SECTION A TO SECTION B BETWEEN STA. 12+76.00 & STA. 12+97.50
STA. 17+02.50 & STA. 17+24.00.

PROPOSED TYPICAL SECTION - A
STA. 11+81.00 TO STA. 12+75.00
STA. 17+02.50 TO STA. 18+19.00



*TRANSITION SIDEWALK SLOPES FROM SECTION A TO SECTION B BETWEEN STA. 12+76.00 & STA. 12+97.50
STA. 17+02.50 & STA. 17+24.00.

PROPOSED TYPICAL SECTION - B
STA. 12+75.00 TO STA. 13+00.00
STA. 16+95.50 TO STA. 17+10.00



PROPOSED TYPICAL SECTION - C
STA. 13+04.50 TO STA. 13+17.50
STA. 16+82.50 TO STA. 16+95.50
SEE NOTE 1

- PROPOSED LEGEND**
- ① PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - ② PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - ③ CONCRETE PAVER SIDEWALK
 - ④ SUBBASE GRANULAR MATERIAL, TYPE B, 2"
 - ⑤ SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 6" FERTILIZER NUTRIENTS
 - ⑥ EXISTING BICYCLE RAILING
 - ⑦ PROPOSED BICYCLE RAILING
 - ⑧ EXISTING PARAPET

- NOTES:**
1. REFER TO STRUCTURAL PLANS FOR BRIDGE SECTIONS FROM STA. 13+17.50 TO STA. 16+82.50.
 2. PROPOSED CONCRETE PAVER SIDEWALK FROM STA. 112+00.00 TO STA. 12+75.00 (R&L) SHALL BE INSTALLED UTILIZING THE EXISTING SLOPES AND FLUSH WITH THE BACK OF CURB AND EDGE OF SIDEWALK.
 3. EXISTING CONCRETE PAVER SIDEWALK FROM STA. 16+95.24 (R&L) TO STA. 18+00.24 (L) AND 18+18 (R) SHALL BE REMOVED, SALVAGED, AND REPLACED TO THEIR EXISTING STATE FOR THE INSTALLATION OF LIGHTING ITEMS.
 4. EXISTING BRICK PAVERS FROM STA. 11+81.11 TO 12+00.00 (R) SHALL BE REMOVED, SALVAGED, AND REPLACED TO THEIR EXISTING STATE FOR THE INSTALLATION OF LIGHTING ITEMS.
 5. REFER TO CRITICAL CROSS SECTIONS FOR PROPOSED GRADING OF SIDE SLOPES.

- ① (STA. 12+97.50 TO 13+00.00 & STA. 17+00.00 TO 17+02.50)
- ② (STA. 13+00.00 TO 13+04.50 & STA. 16+95.50 TO 17+00.00)
- ④ (STA. 12+97.50 TO 13+04.50 & STA. 16+95.50 TO 17+02.50)

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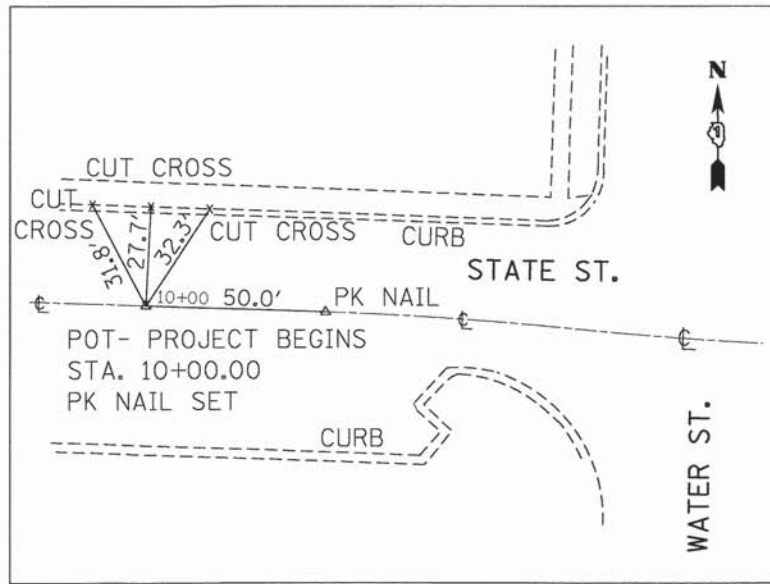
Michael Baker INTERNATIONAL

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	DATE 10/21/2015	REVISED -

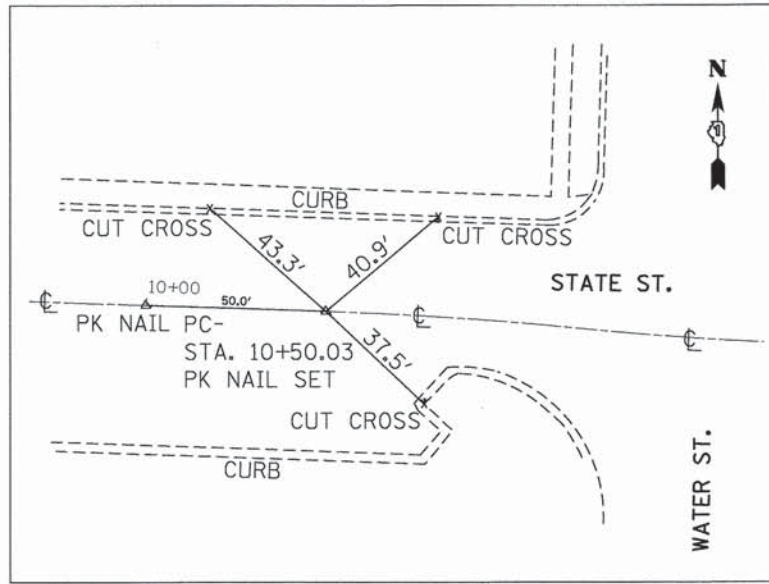
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
PROPOSED TYPICAL SECTIONS
SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

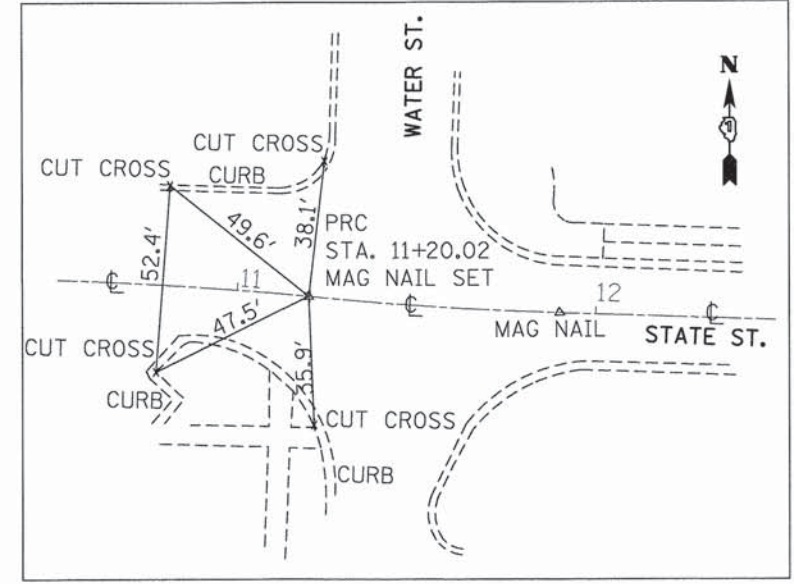
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	6
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



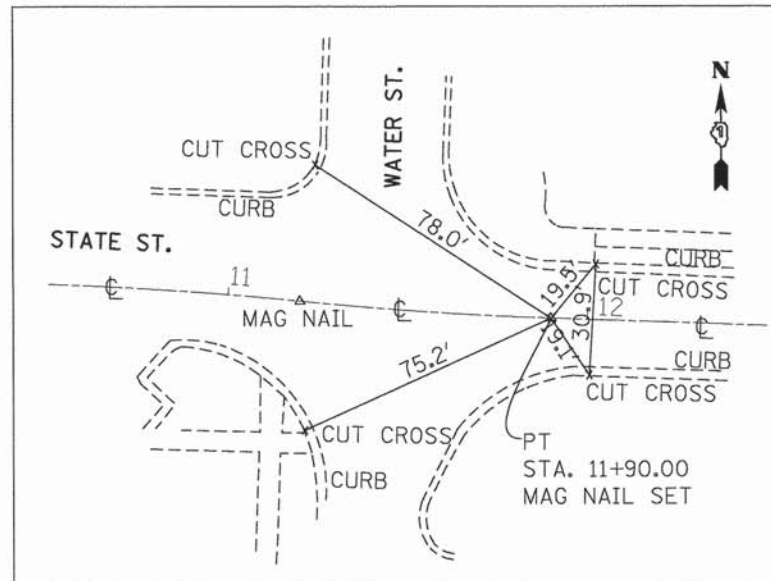
STA. 10+00
STATE ST.
PROJECT BEGINS
 N.T.S.
 SET PK NAIL
 N 1940514.249
 E 994350.670



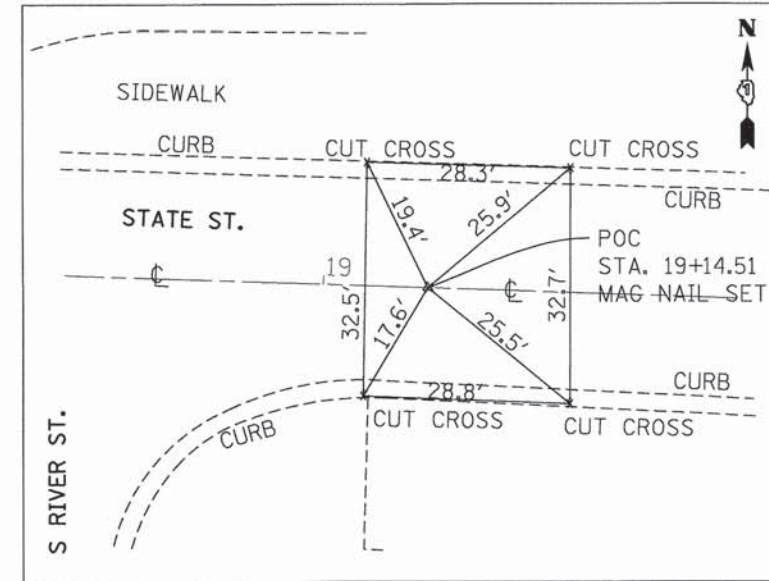
STA. 10+50.03
PC - STATE ST.
 N.T.S.
 SET PK NAIL
 N 1940514.232
 E 994400.727



STA. 11+20.02
PRC - STATE ST.
 N.T.S.
 SET MAG NAIL
 N 1940511.924
 E 994470.664



STA. 11+90.00
PT - STATE ST.
 N.T.S.
 SET MAG NAIL
 N 1940509.665
 E 994540.579



STA. 19+14.51
POT - STATE ST.
PROJECT ENDS
 N.T.S.
 SET MAG NAIL
 N 1940509.441
 E 995265.108

FILE NAME: H:\18117 State St Bridge Enhancements\3.0 deliverables\3.2 roadwork\3.2.3 CADD Sheets\99_18117-alignment\Sheet2.dgn

Michael Baker INTERNATIONAL

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PLOT SCALE = 1/8" = 1' / in.	DRAWN AJV	REVISED -
PLOT DATE = 10/19/2015	CHECKED ITY	REVISED -
	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
 ALIGNMENT, TIES, AND BENCHMARKS

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

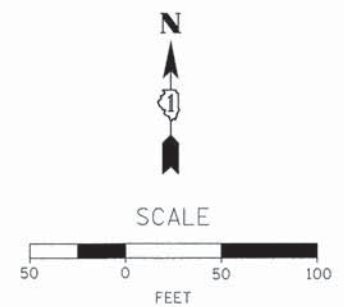
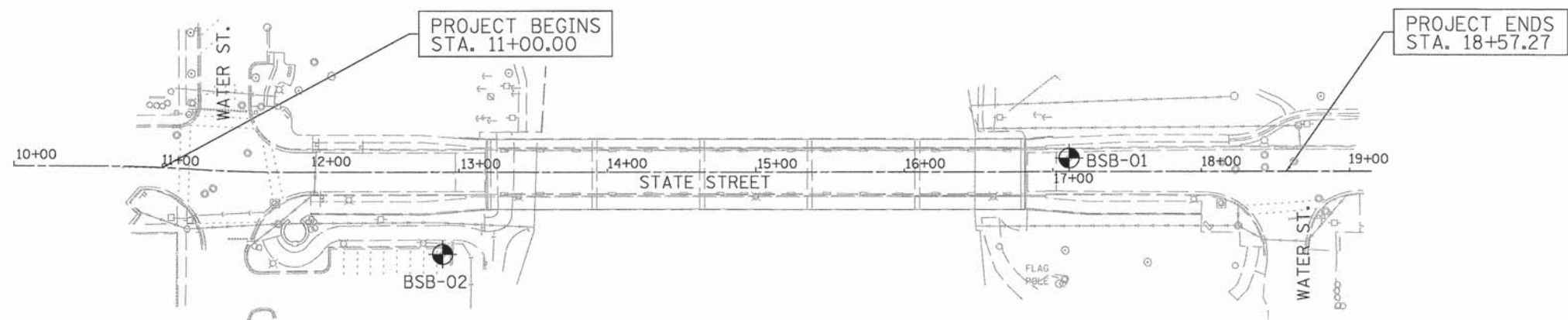
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-0043-00-BR	KANE	65	9
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00D1(927)				

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
704.0	16-inch thick ASPHALT -PAVEMENT-	1	14			703.4	--AUGER REFUSAL, 21.9 feet--	9	5	1.30	14
703.0	Loose to Very dense, dark brown SILTY LOAM, some gravel	2	48	NP	10	Boring terminated at 21.92 ft					
699.8	Loose, brown GRAVEL	3	5	NP	7						
697.3	Loose, brown SANDY LOAM, trace gravel	4	3	NP	12						
694.8	Soft, dark brown SILTY CLAY, trace organic matter	5	2	0.41	39						
692.3	Loose, brown, coarse SAND and GRAVEL	6	4	NP	14						
689.8	Stiff to very stiff, brown SILTY CLAY LOAM, little gravel	7	3	2.62	15						
		8	4	1.72	11						

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-28-2014	Complete Drilling	02-28-2014
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57
Driller	P&P	Logger	D. Kolpacki
Checked by	C. Davis	Depth to Water	NA
Drilling Method	3.25" HSA, 140 lb autohammer, boring backfilled upon completion	While Drilling	13.00 ft
		At Completion of Drilling	18.00 ft
		Time After Drilling	NA
		Recovery	92%
		RQD	0%

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
703.4	8-inch thick ASPHALT -PAVEMENT-	1	2			701.7	4-inch thick, coarse SAND and GRAVEL	2	2		
702.4	4-inch thick, coarse SAND and GRAVEL	3	2	NP	41	Boring terminated at 21.50 ft					
701.7	Aggregate Base	4	5	NP	40						
696.7	Very dense, brown GRAVEL	5	3	NP	9						
692.3	Very dense, light brown DOLOSTONE fragments	6	20	NP	15						
691.2	Very poor quality, light brown, intensely fractured DOLOSTONE	7	24	NP	10						

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-28-2014	Complete Drilling	02-28-2014
Drilling Contractor	Wang Testing Service	Drill Rig	Mobile B-57
Driller	P&P	Logger	D. Kolpacki
Checked by	C. Davis	Depth to Water	NA
Drilling Method	3.25" HSA, 140 lb autohammer, boring backfilled upon completion	While Drilling	3.00 ft
		At Completion of Drilling	3.00 ft
		Time After Drilling	NA
		Recovery	92%
		RQD	0%



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Michael Baker INTERNATIONAL

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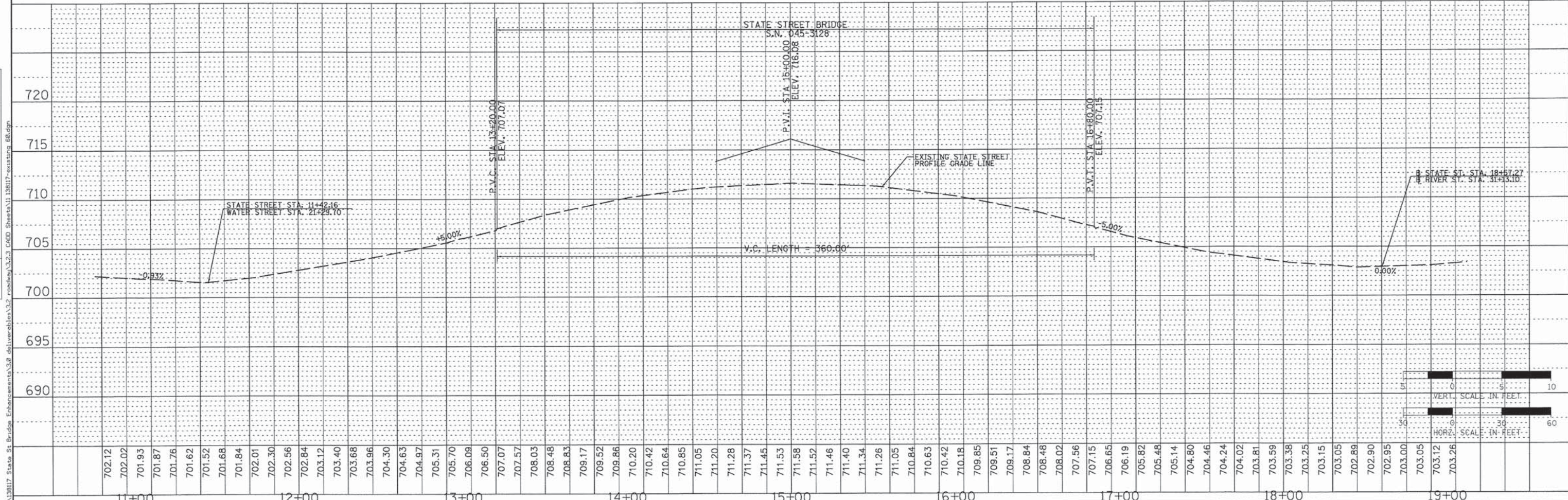
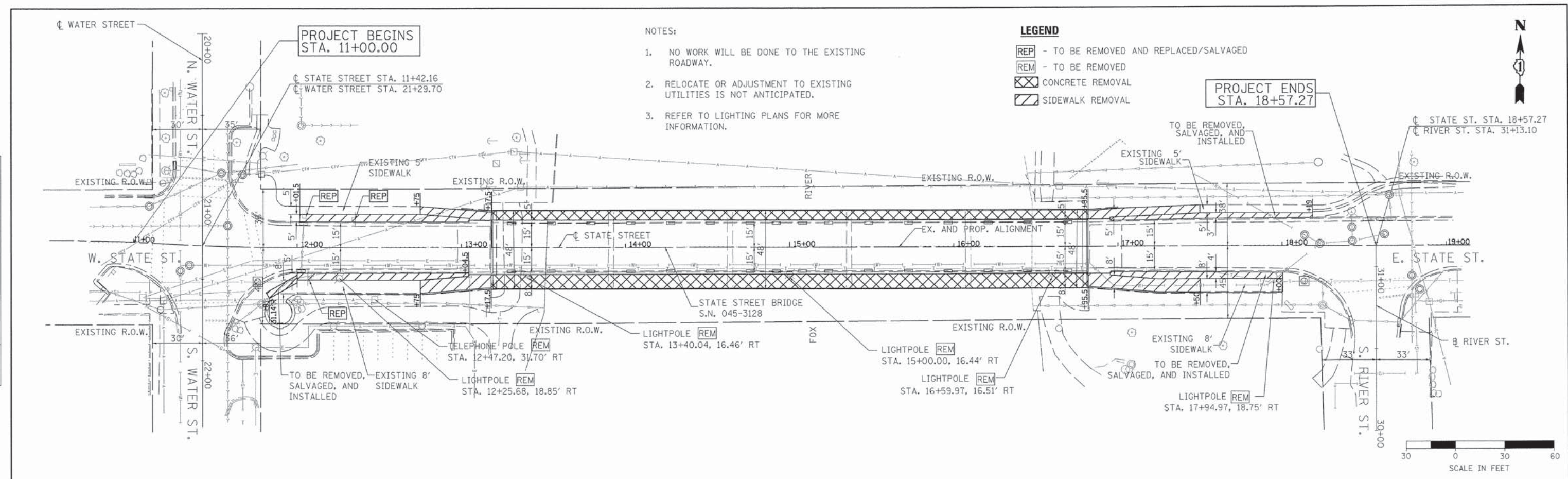
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT	
BORING LOGS	
SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	10
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00DI927				

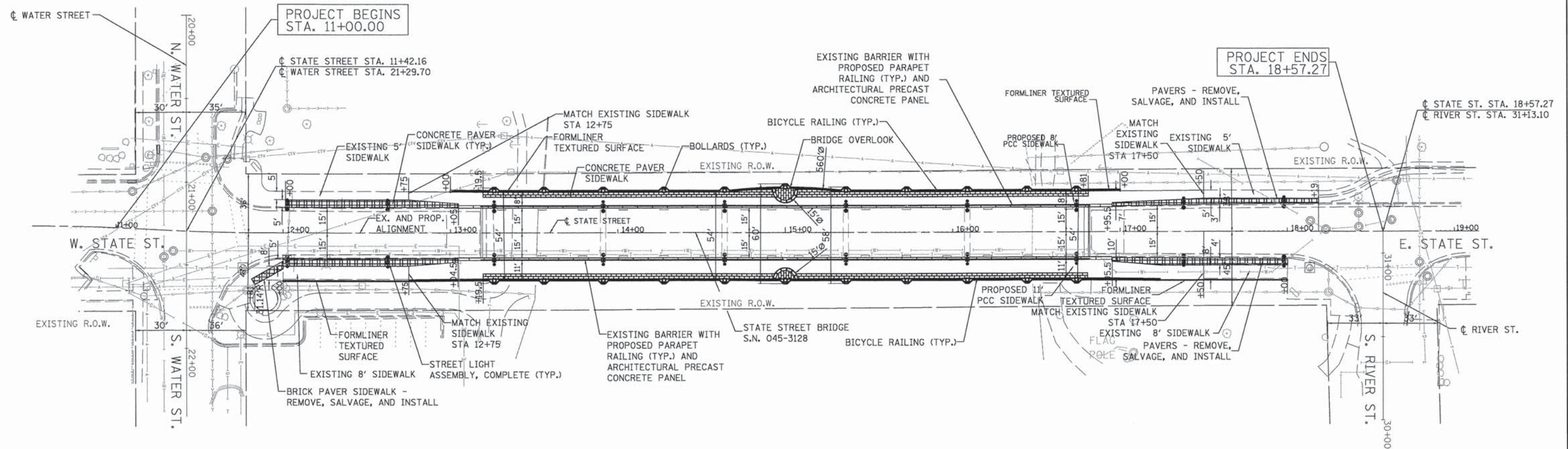
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	NOTED	
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	NOTED	
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	
	FILE NAME	








Michael Baker INTERNATIONAL	USER NAME = jraoke	DESIGNED <i>JBR</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE STREET BRIDGE ENHANCEMENT PROJECT EXISTING CONDITION & REMOVAL PLAN	F.A.I. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 11
	PLOT SCALE = 38.0000' / in. PLOT DATE = 10/19/2015	DRAWN <i>AJV</i> CHECKED <i>ITY</i> DATE <i>10/21/15</i>	REVISED - REVISED - REVISED - REVISED -			SCALE: 1" = 30' SHEET NO. 1 OF 1 SHEETS STA. 11+42.16 TO STA. 18+57.27	JOB NO. C-91-286-13 FED. ROAD DIST. NO. 1 ILLINOIS	CONTRACT NO. 61C17 FED. AID PROJECT: TE-0001925		

FILE NAME = H:\1817 State St Bridge Enhancements\3.8 deliverables\3.2 road\3.2.3 CRD Sheets\11 1817-existing 60.dgn



LEGEND

-  PAVING BRICK SIDEWALK
-  CONCRETE PAVER SIDEWALK
-  STREET LIGHT ASSEMBLY
-  BOLLARDS
-  EXISTING BARRIER WITH PROPOSED PARAPET RAILING AND ARCHITECTURAL PRECAST CONCRETE PANEL

NOTES

1. NO WORK WILL BE DONE ON THE EXISTING ROADWAY. REFER TO THE EXISTING CONDITIONS PLAN FOR EXISTING PROFILE INFORMATION.
2. REFER TO STRUCTURAL PLANS FOR BRIDGE DETAILS.
3. REFER TO ELECTRICAL PLANS FOR LIGHTING LAYOUT AND DETAILS.
4. REFER TO ROADWAY GRADING DETAIL FOR MORE INFORMATION.



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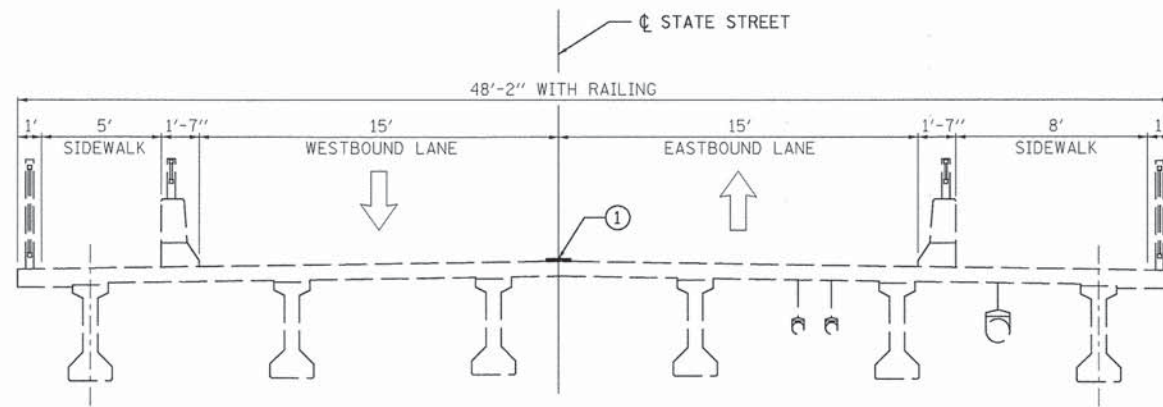
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	DATE <i>10/21/2015</i>	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

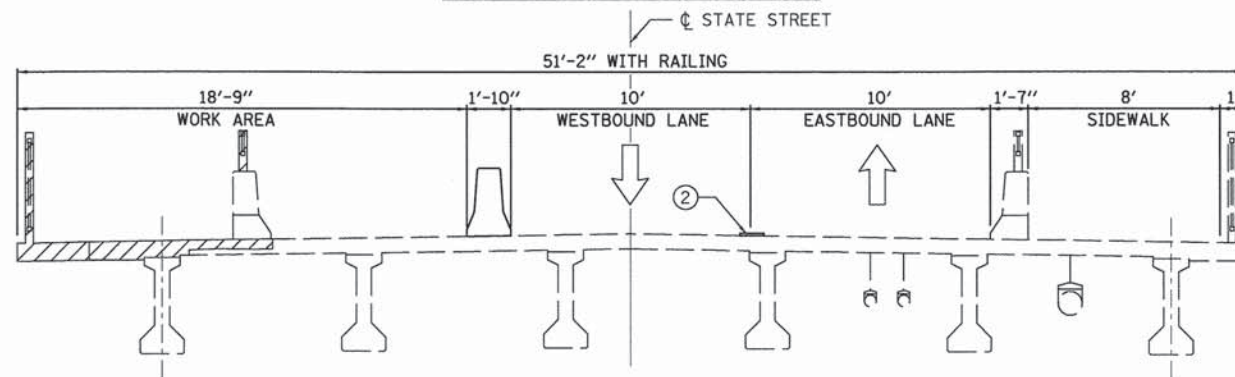
**STATE STREET BRIDGE ENHANCEMENT PROJECT
PROPOSED PLAN**

SCALE: 1' = 30' SHEET NO. 1 OF 1 SHEETS STA. 11+22.15 TO STA. 18+57.27

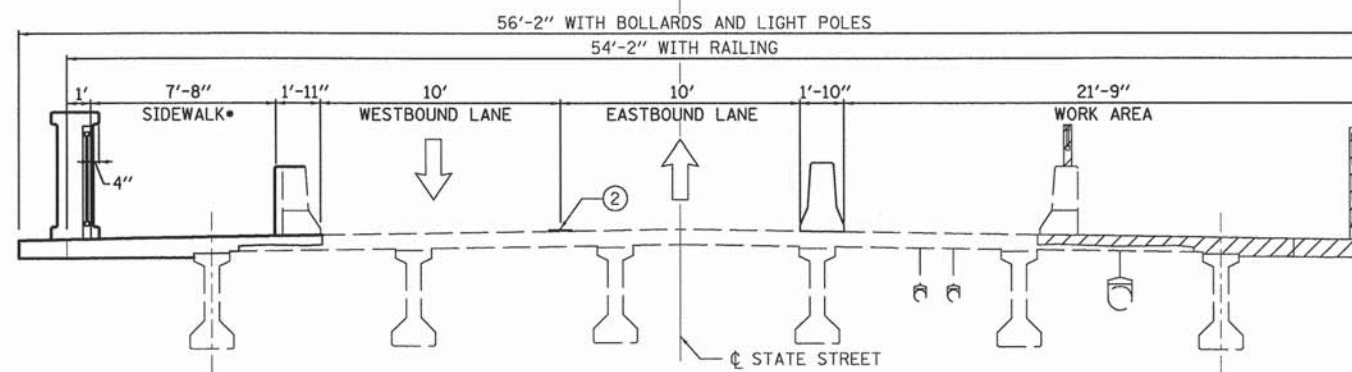
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



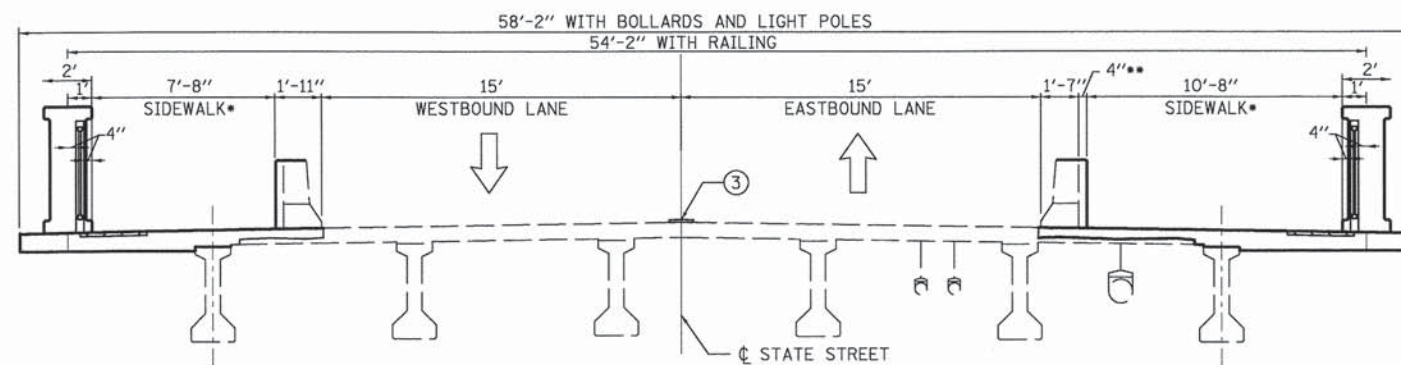
EXISTING TYPICAL SECTION



STAGE I TYPICAL SECTION



STAGE II TYPICAL SECTION






PROPOSED TYPICAL SECTION

* AT SECTIONS WHERE ONLY RAILING IS PROPOSED, THE SIDEWALKS ARE 8'-0" ON THE NORTH SIDE AND 11'-0" ON THE SOUTH SIDE OF THE BRIDGE.

** 4" ADDITIONAL CONCRETE FOR LIGHT POLE FOUNDATION

LEGEND

-  TEMPORARY CONCRETE BARRIER
-  TRAFFIC FLOW DIRECTION
-  REMOVAL
- ① EXISTING PAVEMENT MARKING
- ② TEMPORARY PAVEMENT MARKING LINE - 4" DOUBLE YELLOW
- ③ PROPOSED PAVEMENT MARKING

MAINTENANCE OF TRAFFIC NOTES

1. THE CONTRACTOR MUST MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES WITH MINIMUM LANE WIDTHS AS SHOWN ON THIS SHEET AND THE MAINTENANCE OF TRAFFIC PLAN.
2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ENGINEER OF ANY DAMAGE TO TRAFFIC CONTROL DEVICES.
3. PORTLAND CEMENT CONCRETE PAVEMENT SHALL NOT BE OPEN TO PEDESTRIAN TRAFFIC UNTIL AFTER THE SPECIFIED CURING PERIOD AS DEFINED IN ARTICLE 701.17(C)(5) OF THE "STANDARD SPECIFICATIONS" AND UNTIL THE JOINTS HAVE BEEN SEALED.
4. ACCESS TO EXISTING CROSS ROADS AND DRIVES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. ADEQUATE PROVISIONS FOR PEDESTRIAN TRAFFIC MUST BE PROVIDED AT ALL TIMES.
6. SEE MAINTENANCE OF TRAFFIC PLAN (SHEET 2 OF 2) FOR ADDITIONAL NOTES.
7. REFER TO STRUCTURAL STAGE CONSTRUCTION AND REMOVAL SEQUENCE PLAN FOR A DETAILED SEQUENCE OF CONSTRUCTION.
8. BEFORE ANY CONSTRUCTION ACTIVITIES ARE STARTED ALL NECESSARY TEMPORARY TRAFFIC CONTROL SIGNS AND MARKINGS SHALL BE IN PLACE. ALL CONFLICTING SIGNS SHALL BE COVERED.
9. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED.
10. SIGN LAYOUT AND SPACING SHALL BE IN ACCORDANCE WITH THE CURRENT IDOT STANDARD DRAWINGS AND THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," SEE HIGHWAY STANDARDS FOR ADDITIONAL INFORMATION.
11. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
12. ALL EXISTING TRAFFIC SIGNS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

SEQUENCE OF CONSTRUCTION

1. REMOVE EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AND TEMPORARY CONCRETE BARRICADES TO PROVIDE 18'-9" OF WORK AREA ON THE NORTH SIDE OF THE BRIDGE AND 10' LANES OF TRAFFIC AS SHOWN IN THE STAGE I TYPICAL SECTION ON THIS SHEET.
2. CONSTRUCT SIDEWALK EXPANSION ON THE NORTH SIDE OF THE BRIDGE.
3. REMOVE TEMPORARY MARKINGS INSTALLED IN STAGE I AND INSTALL TEMPORARY MARKINGS AND TEMPORARY CONCRETE BARRICADES TO PROVIDE 21'-9" OF WORK AREA ON THE SOUTH SIDE OF THE BRIDGE AND 10' LANES OF TRAFFIC AS SHOWN IN THE STAGE II TYPICAL SECTION ON THIS SHEET.
4. CONSTRUCT SIDEWALK EXPANSION ON THE SOUTH SIDE OF THE BRIDGE.
5. REMOVE TEMPORARY MARKINGS AND TEMPORARY CONCRETE BARRICADES AND INSTALL FINAL PROPOSED MARKINGS AS SHOWN ON THE PLANS AND RE-ESTABLISH ORIGINAL TRAFFIC PATTERN WITH 15' LANES OF EASTBOUND AND WESTBOUND TRAFFIC.

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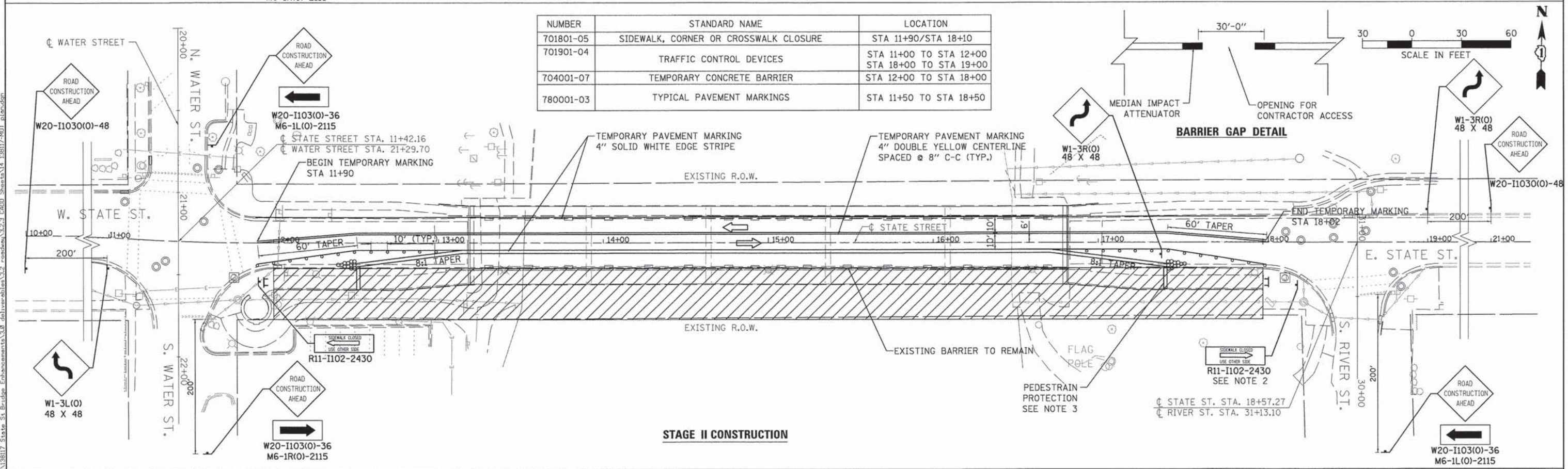
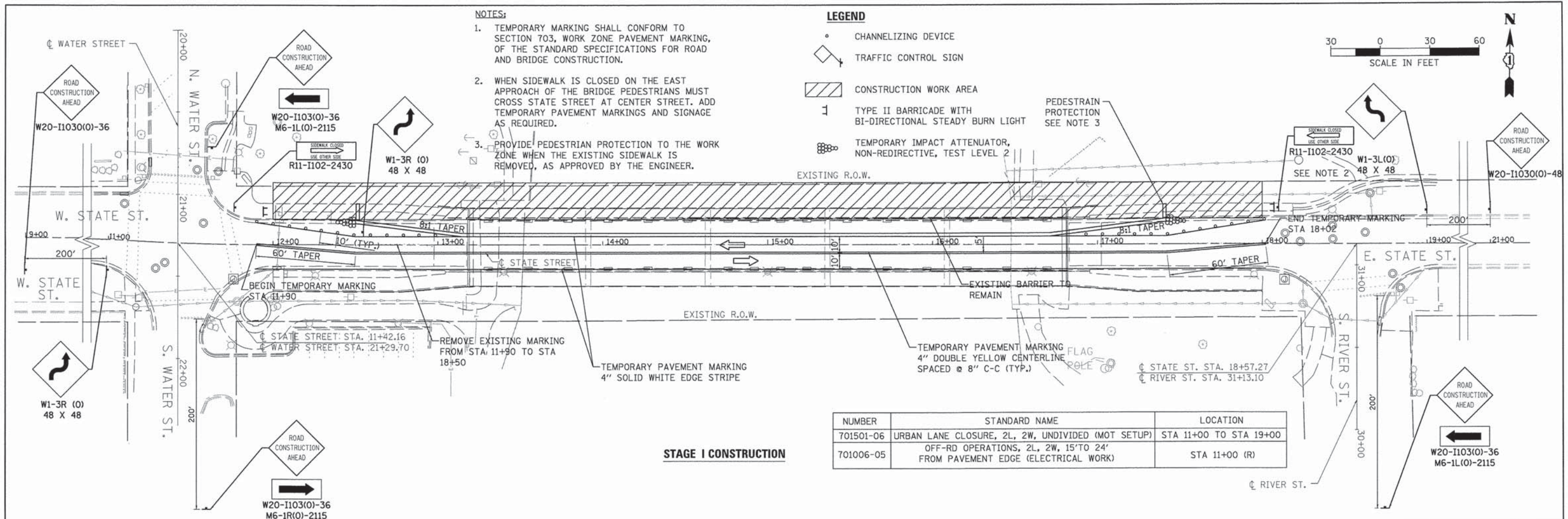
Michael Baker INTERNATIONAL

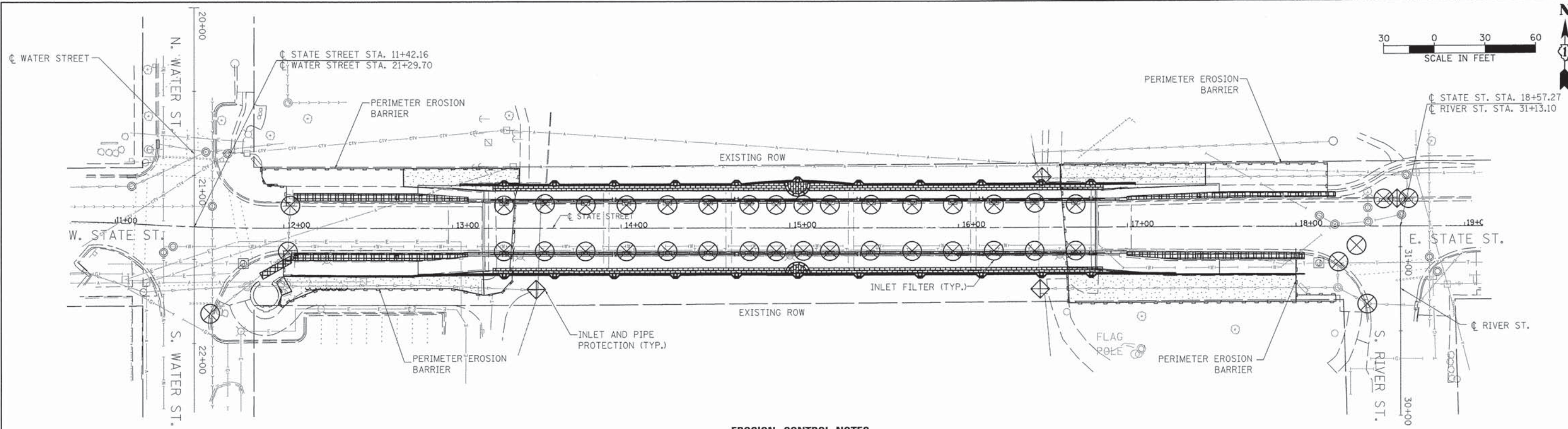
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	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
MAINTENANCE OF TRAFFIC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	13
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. N/A TO STA. N/A FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				





EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE KANE COUNTY STORMWATER AND FLOODPLAIN ORDINANCE, AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
3. ALL DISTURBED AREAS SHALL BE SEED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS; WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE; ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
4. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED. SOIL STOCKPILES MUST NOT BE LOCATED WITHIN ANY SPECIAL MANAGEMENT AREAS. MINOR TEMPORARY STOCKPILING OF MATERIALS OR FILLS WITHIN THE FLOODPLAIN MAY BE ALLOWED IF NECESSARY. THE VILLAGE OF SOUTH ELGIN AND THE ENGINEER SHALL APPROVE LIMITS ON THE DURATION AND WHERE THE TEMPORARY STOCKPILING CAN TAKE PLACE.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT THE FOX RIVER AND THE FLOODPLAIN TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT, OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN THE FOX RIVER OR FLOODPLAIN.
6. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
7. ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE AREAS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AS NEEDED.
8. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL. CONCRETE WASH AREAS SHALL NOT BE LOCATED WITHIN ANY SPECIAL MANAGEMENT AREAS. LOCATION OF WASH AREAS SHALL BE APPROVED BY THE ENGINEER.
9. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
10. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
11. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPLACED OR REPAIRED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
12. THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INLET AND PIPE PROTECTION (28000400).
13. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
14. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
15. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUBCONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTATION AND MAINTAINING THESE EROSION CONTROL PLANS.
16. THE CONSTRUCTION LIMIT WILL BE STAKED/APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE VEGETATION. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN THE CONSTRUCTION LIMIT.
17. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
18. IN ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND SHALL REMAIN UNDISTURBED. SEED MIX AND/OR TEMPORARY COVER CROP WILL BE SOWN ON ALL DISTURBED AREAS UPON COMPLETION OF THE FINAL GRADING. A 100% BIODEGRADABLE EROSION BLANKET WILL BE INSTALLED TO PREVENT EROSION FOR SEEDDED AREAS.
19. ALL INLET AND PIPE PROTECTION SHALL BE PROVIDED AT ALL FLARED END SECTION INFLOW AND OUTFALLS WITHIN THE PROJECT LIMITS. TREE REMOVAL, TREE PROTECTION, OR TREE ROOT PRUNING IS NOT ANTICIPATED FOR THIS PROJECT DUE TO NO ESTABLISHED TREES WITHIN THE CONSTRUCTION LIMITS.
20. TREE REMOVAL, TREE PROTECTION, OR TREE ROOT PRUNING IS NOT ANTICIPATED FOR THIS PROJECT DUE TO NO ESTABLISHED TREES WITHIN THE CONSTRUCTION LIMITS.
21. TEMPORARY VERTICAL SHIELDING AND CATCHES SHALL BE PROVIDED ON THE STATE STREET BRIDGE TO ELIMINATE DEBRIS IN THE FOX RIVER DURING CONSTRUCTION. ALL TEMPORARY CATCHES SHALL MAINTAIN EXISTING VERTICAL UNDER CLEARANCE. TEMPORARY CATCHES SHALL BE CONTINUOUSLY INSPECTED AND CLEANED ON A DAILY BASIS. ANY DEBRIS SHALL BE IMMEDIATELY REMOVED. THE CONTRACTOR SHALL SUBMIT SIGNED AND SEALED CALCULATIONS AND SHOP DRAWINGS OF THE TEMPORARY VERTICAL SHIELDING TO THE ENGINEER FOR APPROVAL IN ACCORDANCE WITH THE SPECIFICATIONS.
22. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENGINEER.
23. EROSION CONTROL SHEET REFLECTS FINAL LANDSCAPING.
24. PERIMETER EROSION CONTROL BARRIER SHALL BE INSTALLED 1 FOOT FROM RIGHT-OF-WAY.

LEGEND

- EROSION CONTROL BLANKET SEEDING CLASS 2A TOPSOIL EXCAVATION AND PLACEMENT (6" MINIMUM)
- CONCRETE PAVER SIDEWALK
- INLET AND PIPE PROTECTION
- BOLLARDS
- PERIMETER EROSION BARRIER
- INLET FILTER
- SHRUBS
- PAVING BRICK SIDEWALK
- EXISTING BARRIER WITH PROPOSED ORNAMENTAL RAILING AND ARCHITECTURAL PRECAST CONCRETE PANEL

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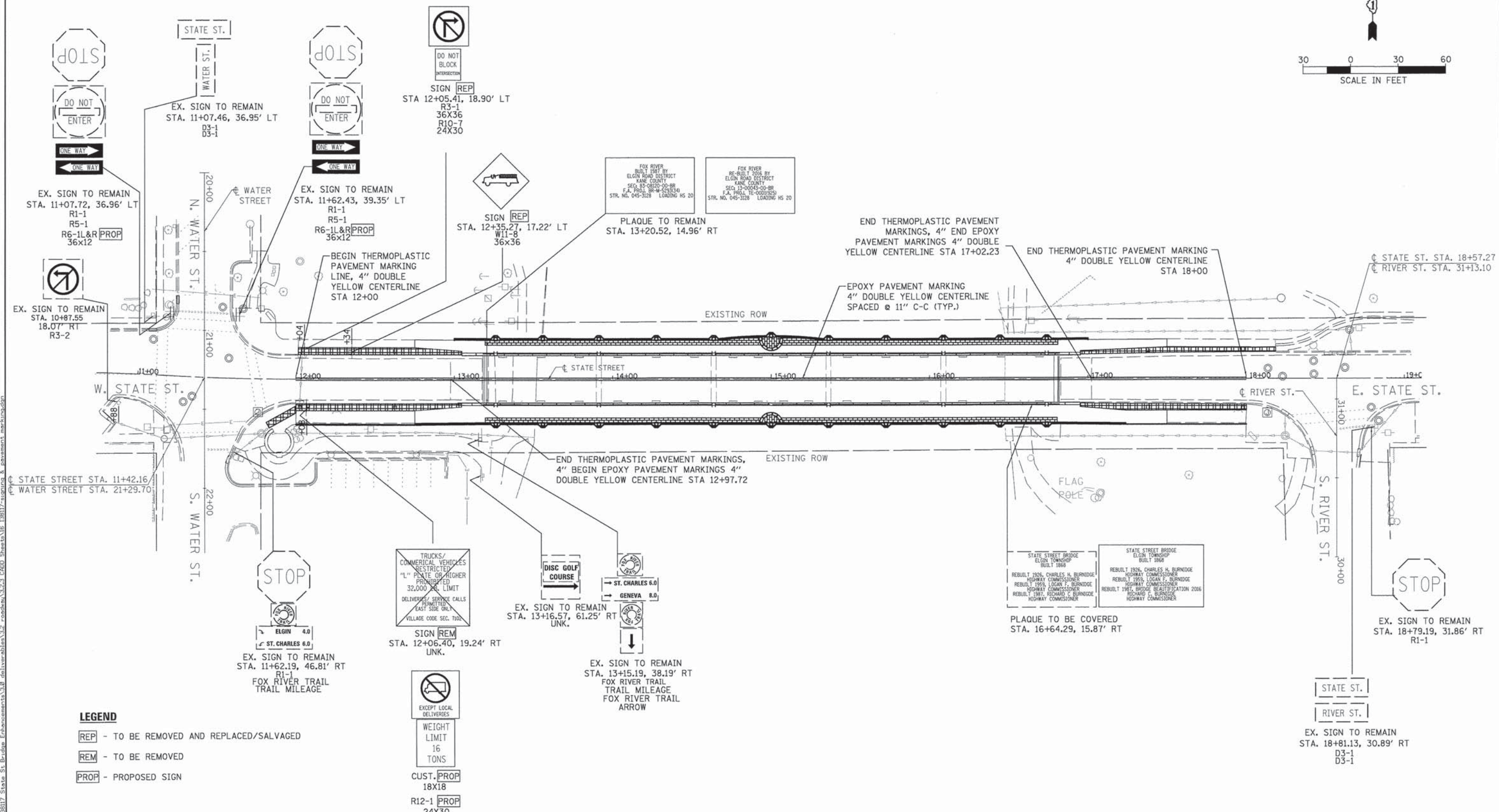
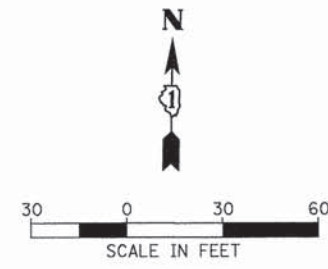
Michael Baker INTERNATIONAL

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	DATE <i>10/21/2015</i>	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STATE STREET BRIDGE ENHANCEMENT PROJECT EROSION CONTROL PLAN	
SCALE: 1" = 30'	SHEET NO. 1 OF 1 SHEETS
STA. 11+42.16	TO STA. 18+57.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	15
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



LEGEND

- REP** - TO BE REMOVED AND REPLACED/SALVAGED
- REM** - TO BE REMOVED
- PROP** - PROPOSED SIGN

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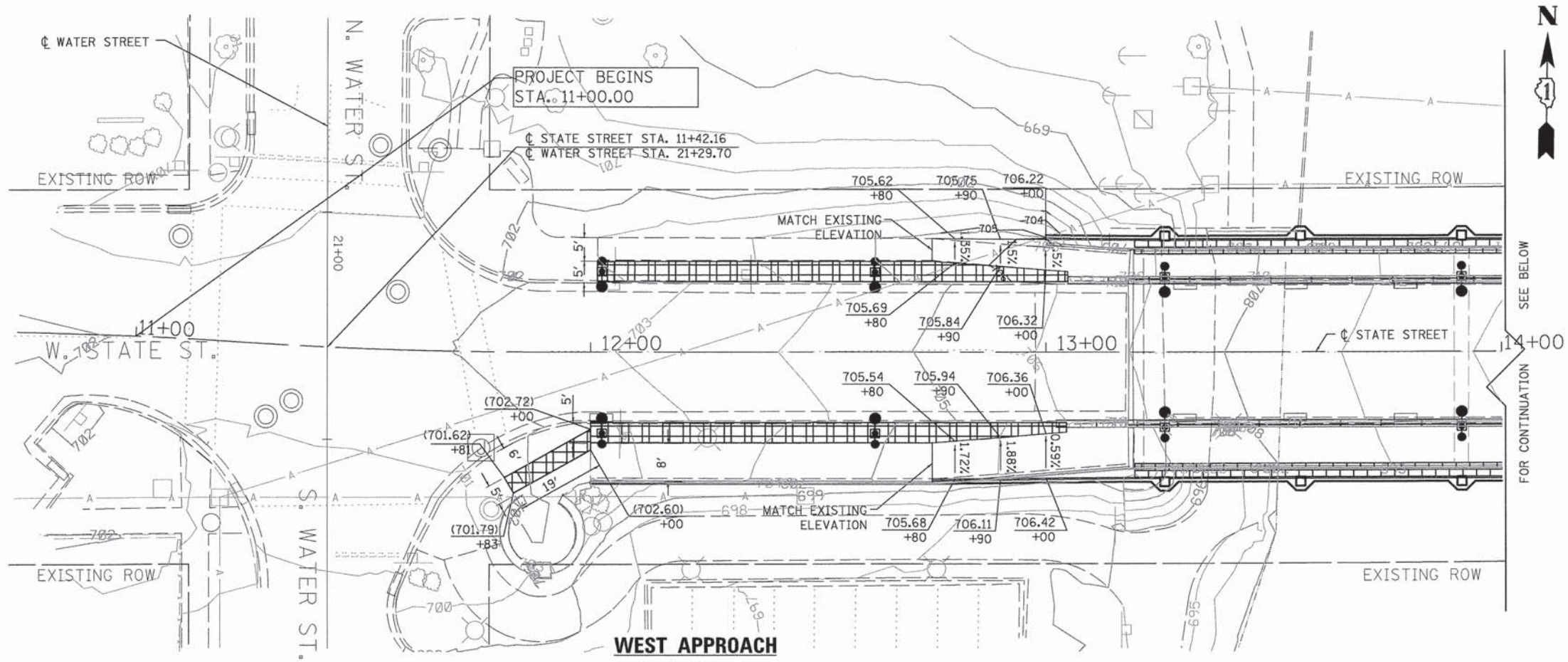
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	DATE 10/21/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE STREET BRIDGE ENHANCEMENT PROJECT
SIGNING AND PAVEMENT MARKING PLAN**

SCALE: 1" = 30' SHEET NO. 1 OF 1 SHEETS STA. 11+42.16 TO STA. 18+57.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	16
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

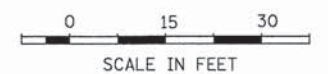
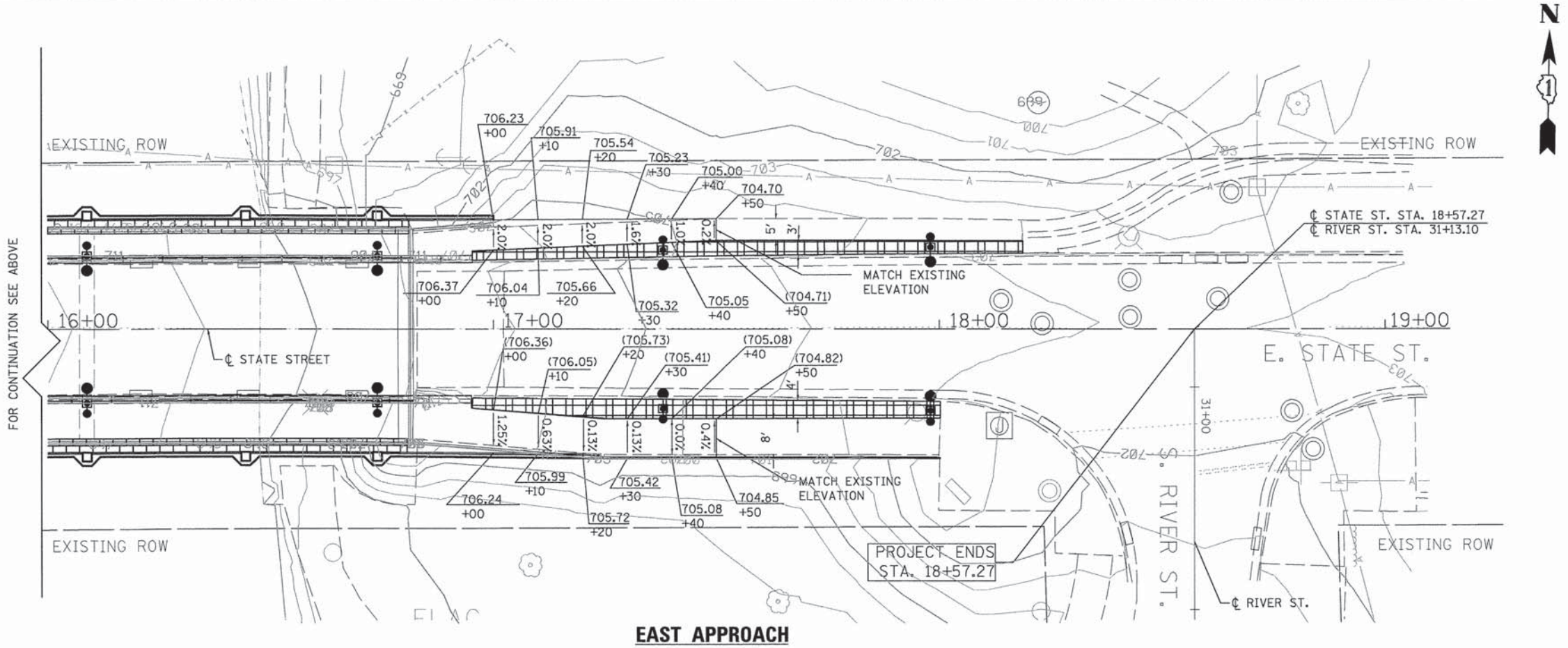


ROADWAY GRADING LEGEND

- EXISTING ELEVATION (XXX.XX)
- STATION (+XX)
- PROPOSED ELEVATION (XXX.XX)
- STATION (+XX)
- FLOWLINE SLOPE (X.XX)
- EXIST. CONTOURS MAJOR (705)
- EXIST. CONTOURS MINOR (706)
- PROPOSED CONTOURS (706)

NOTES

1. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION.
2. THE HIGH POINT IS LOCATED AT STA 15+00, THE LOW POINT IS LOCATED AT STA 11+40 AND 18+40.
3. REFER TO PROPOSED PLAN FOR MORE INFORMATION.
4. REFER TO CROSS SECTIONS FOR SIDEWALK AND PAVER SLOPES.



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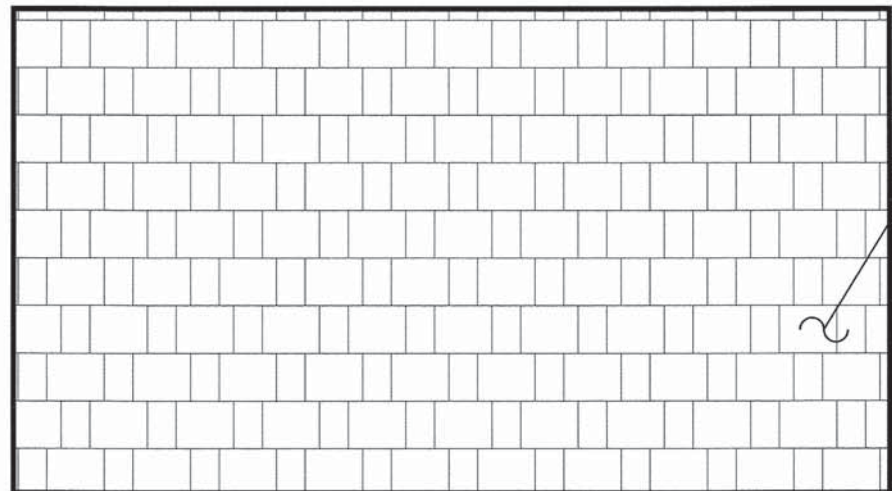
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE STREET BRIDGE ENHANCEMENT PROJECT
ROADWAY GRADING DETAIL**

SCALE: 1" = 15' SHEET NO. 1 OF 1 SHEETS STA. 11+42.16 TO STA. 18+57.27

F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 17
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-001(927)				

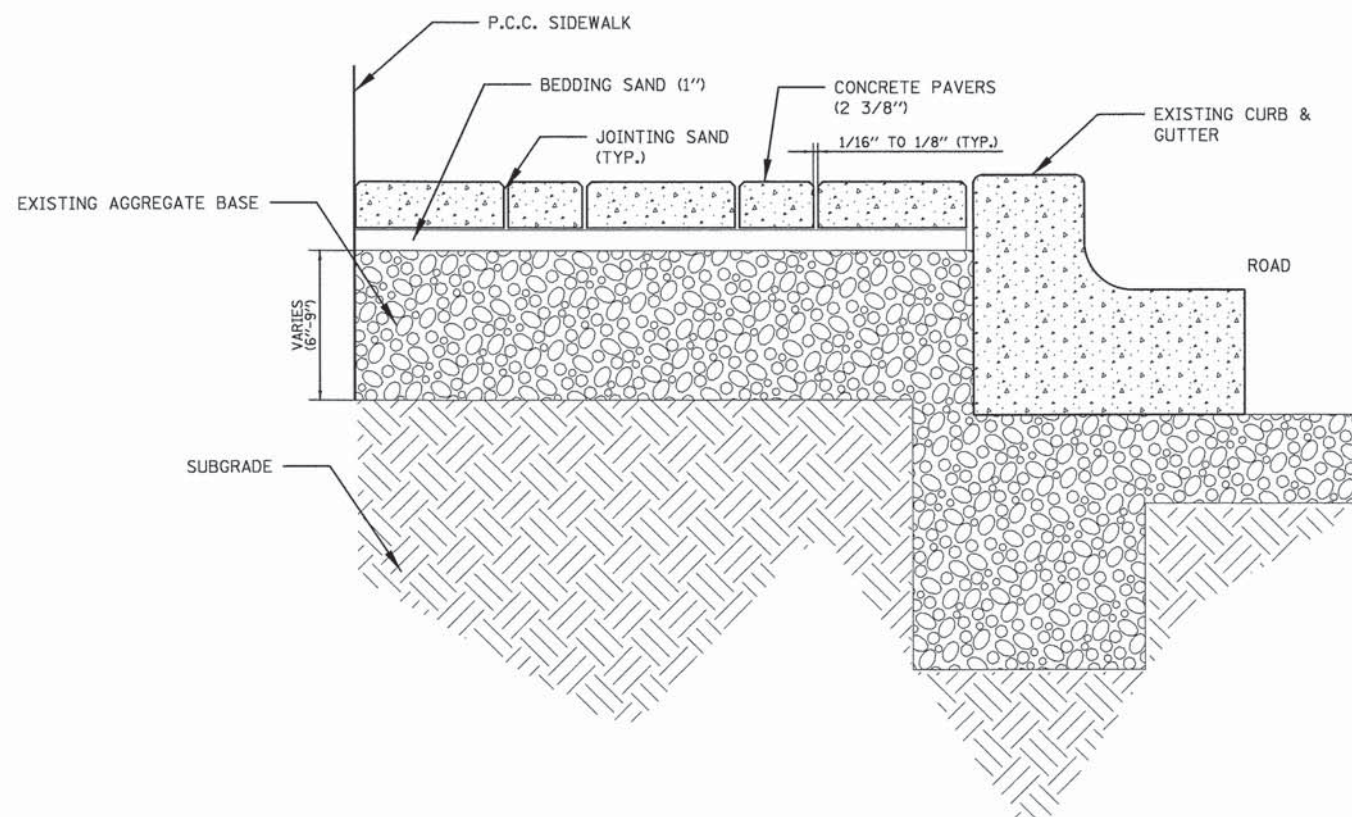


33% HALF STONE
67% STANDARD

**CONCRETE PAVER SIDEWALK DETAIL
LAYING PATTERN**

NOTES:

1. CONCRETE PAVER LAYING PATTERN SHALL MATCH THE EXISTING PAVERS FROM THE EAST APPROACH OF THE STATE STREET BRIDGE.
2. ALL MATERIAL LAYERS AND INSTALLATION FOR "CONCRETE PAVERS SIDEWALK" SHALL BE INCLUDED IN THE ITEM. THE PAVERS SHALL BE INSTALLED PER THE MANUFACTURER AT THE APPROVAL OF THE ENGINEER.
3. SEE SPECIAL PROVISION CONCRETE PAVERS SIDEWALK FOR MORE DETAILS.



**CONCRETE PAVER SIDEWALK DETAIL
CROSS SECTION**

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**Michael Baker
INTERNATIONAL**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE STREET BRIDGE ENHANCEMENT PROJECT
CONSTRUCTION DETAILS**

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	18
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00D1927				

INDEX OF DRAWINGS

DWG. NO.	SHEET NAME
E-01	INDEX, LIGHTING NOTES AND LEGEND
E-02	ROADWAY LIGHTING AND REMOVAL PLAN
E-03	LIGHTING FOUNDATION AND CONDUIT PLAN
E-04	ROADWAY LIGHTING AND CABLE PLAN
E-05	LIGHTING DETAILS
E-06	WIRING DIAGRAM














GENERAL ELECTRICAL NOTES

- ELECTRICAL WORK MUST CONFORM TO THE LATEST NATIONAL, STATE, AND LOCAL CODES.
- CONTRACTOR WILL FIELD VERIFY EXACT LOCATIONS, QUANTITIES, AND TYPE OF UTILITIES IN AREAS TO BE EXCAVATED PRIOR TO COMMENCEMENT OF ANY WORK AND WILL HAND EXCAVATE AS REQUIRED IN ORDER TO NOT INTERRUPT ANY EXISTING UTILITIES (PUBLIC OR PRIVATE) OCCURS. CONTRACTOR WILL NOTIFY UTILITY IMMEDIATELY AND PAY ANY COST INCURRED FOR REPAIR OR REPLACEMENT OF SUCH DAMAGE.
- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR WILL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- CONDUIT MUST BE PUSHED UNDER ROADWAYS, DRIVEWAYS AND SIDEWALKS AS DIRECTED BY THE ENGINEER. CONDUIT MUST BE PUSHED PAST TREES IF THE ENGINEER DETERMINES THAT TRENCHING MAY HARM THE TREES. ALL OTHER CONDUIT MAY BE INSTALLED BY ANY METHOD APPROVED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE CONTRACT.
- THE CONTRACTOR SHALL CONTACT THE CITY OF SOUTH ELGIN PUBLIC WORKS AND ELECTRICAL UTILITY DEPARTMENTS AT LEAST 5 WORKING DAYS PRIOR TO COMMENCING ANY WORK.
- ALL POLE BASES SHALL BE FRANGIBLE WITH AASHTO AND FHWA BREAKAWAY COUPLINGS WITH ALUMINUM SKIRTS. POLE BASE REQUIREMENTS SHALL BE IN ACCORDANCE WITH IDOT BUREAU OF DESIGN AND ENVIRONMENTAL MANUAL, CHAPTER FIFTY-SIX, HIGHWAY LIGHTING, LATEST EDITION.
- ALL ELECTRICAL WORK PREFORMED AND INSTALLED ON STATE RIGHT-OF-WAY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 1, GENERAL GUIDELINES FOR LIGHTING DESIGN.
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SERVICE WITH COMMONWEALTH EDISON COMPANY, MRS. DARLENE CRAMMER, 860 OAK CREEK DRIVE, ELMHURST, IL 60126, 630-396-8220 EXT. 4524.

CONSTRUCTION NOTES

- ALL UNDERGROUND CONDUIT SHALL BE A MINIMUM 30" BELOW GRADE TO TOP OF DUCT.
- ALL CONDUIT CROSSING DRIVEWAYS OR ROADWAYS WILL BE RIGID GALVANIZED STEEL. ALL OTHER CONDUIT SHALL BE EPC-40 PVC.
- THE GROUND CONDUCTOR WILL HAVE NO SPLICE OR KINKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE AND TO THE GROUND AT THE SERVICE INSTALLATION.
- ALL GROUND CONDUCTOR CONNECTIONS TO GROUND RODS SHALL BE MADE WITH AN EXOTHERMIC WELD.
- ALL POLES, AESTHETIC LIGHTING UNITS AND THE STREET LIGHT CONTROLLERS WILL BE CONNECTED TO A CONTINUOUS GROUND CONSISTING OF A GREEN INSULATED ELECTRICAL CONDUCTOR 600V. XLP (SIZE AS INDICATED ON THE PLANS). THIS CONDUCTOR WILL BE PLACED INSIDE THE CONDUIT DUCT ALONG WITH THE INSULATED CABLES.
- SUFFICIENT LENGTH OF ELECTRICAL CONDUCTOR WILL BE COILED IN LIGHT STANDARDS TO PROVIDED ADEQUATE SLACK SO THAT ELECTRICAL CONDUCTOR MAY BE PULLED OUT 18" FOR THE INSPECTION. SAID SLACK WILL BE NEATLY COILED AND PLACED IN LIGHT STANDARDS.
- ALL CIRCUITS WILL BE 2-1/C #4 AND 1-1/C #4 GROUND (GREEN) INSULATED IN 2" PVC AND 2" RGS CONDUIT, UNLESS OTHERWISE NOTED.
- ALL POLE STANDARD STATIONS AND OFFSETS SHOWN ARE FROM THE ROADWAY CENTER LINES.
- ALL OF THE LUMINAIRES FOR THE PROPOSED LIGHTING SHALL BE INSTALLED AT THE MOUNTING HEIGHT OF 18'-0" (ROADWAY) AND 12'-0" (SIDEWALK).
- ALL LUMINAIRES ARE 40 WATT, 120 VOLT, TYPE III, 4000 K, LED, ORNAMENTAL SOUTH ELGIN VILLAGE STANDARD PENDANT STYLE, UNLESS OTHERWISE NOTED ON THE PLANS.
- COORDINATE THE LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET WITH THE GROUND MOUNT LIGHTING ASSEMBLY BASE PLATE BOLT CIRCLE DIAMETER.

SYMBOL LEGEND

-  PROPOSED SOUTH ELGIN VILLAGE OF (47589) ORNAMENTAL LIGHTING STANDARD WITH 2-40 WATT LED PENDANT STYLE LUMINAIRES (18'-0" MOUNTING HT.-ROADWAY AND 12'-0" MOUNTING HEIGHT-SIDEWALK), WITH GFCI RECEPTACLE AND BANNER ATTACHMENTS.
-  ORNAMENTAL LIGHTING STANDARD ID
- 1 - DENOTES LIGHT POLE NO.
A - DENOTES LIGHTING CIRCUIT
E1 - DENOTES LIGHTING CONTROLLER
-  EXISTING LIGHT POLE WITH 6' DAVIT STYLE MAST ARM AND COBRAHEAD LUMINAIRE. TO BE REMOVED
-  PROPOSED 12" X 8" X 6" STAINLESS STEEL JUNCTION BOX, SURFACE MOUNTED AT ABUTMENT WALLS.
-  EXISTING 12" X 8" X 6" JUNCTION BOX, SURFACE MOUNTED AT ABUTMENT WALLS. TO BE REMOVED
-  PROPOSED 24" X 30" COMPOSITE CONCRETE HANDHOLE
-  PROPOSED PEDESTAL MOUNTED SINGLE PHASE, 120/240V, 3W, 60A LIGHTING CONTROLLER
-  PROPOSED 2" SCHEDULE 40 CONDUIT IN TRENCH
-  PROPOSED 2" RIGID GALVANIZED STEEL CONDUIT MOUNTED TO STRUCTURE
-  PROPOSED 2" RIGID GALVANIZED STEEL CONDUIT PUSHED UNDER ROADWAY
-  PROPOSED 2" SCHEDULE 40 CONDUIT IN TRENCH
-  EXISTING CONDUIT TO BE ABANDONED
-  EXISTING DUCT CABLE TO BE REMOVED

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	555
81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA PVC COATED GALVANIZED STEEL	FOOT	470
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	4
81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 8" X 6"	EACH	6
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO 4	FOOT	4,925
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	42
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	9
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	5
XX008477	STREET LIGHT ASSEMBLY, COMPLETE	EACH	20

IDOT STANDARD DETAILS

DWG. NO.	SHEET NAME
812001	RACEWAY EMBEDDED IN STRUCTURE (SHT. 2 OF 3)
814001-03	HANDHOLES (CONCRETE COMPOSITE)
825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
836001-02	LIGHT POLE FOUNDATION

DISTRICT 1 STANDARDS DETAILS

DWG. NO.	SHEET NAME
BE-310	LIGHT POLE FOUNDATION OFFSET

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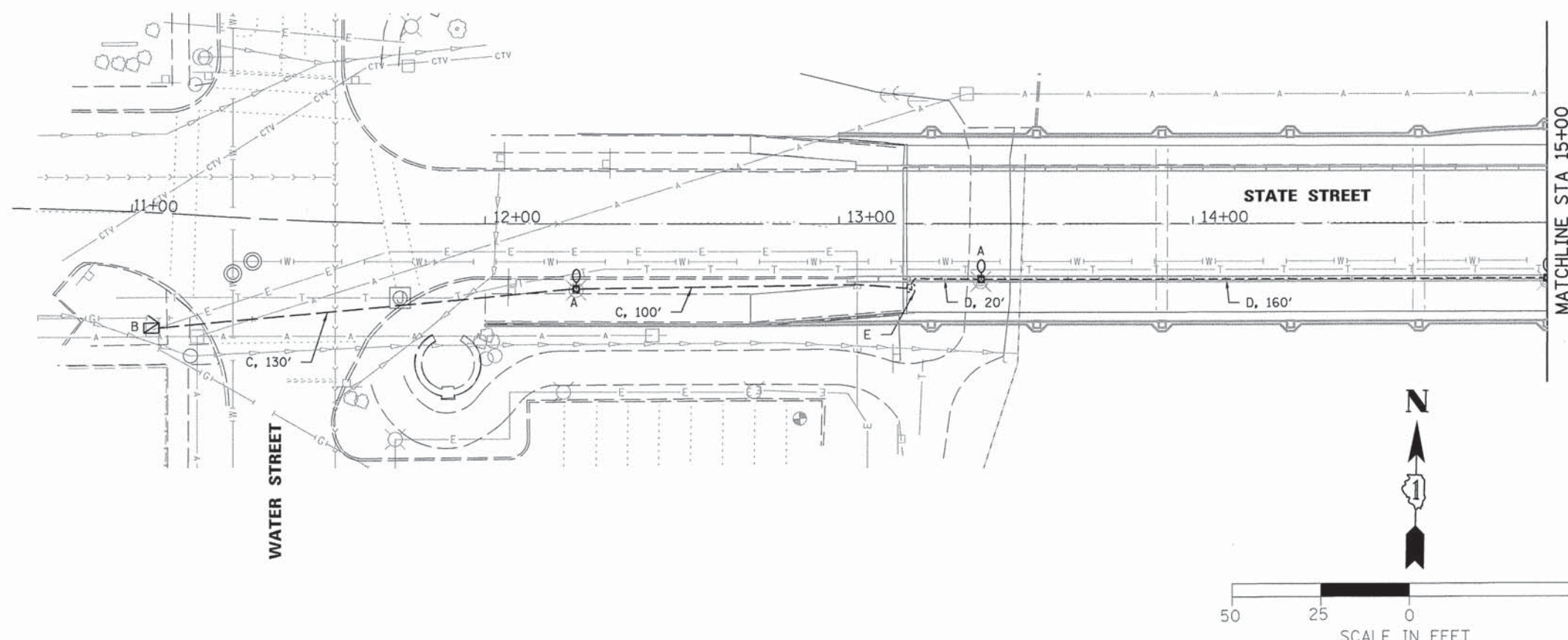
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE STREET BRIDGE ENHANCEMENT PROJECT
LIGHTING NOTES AND LEGEND**

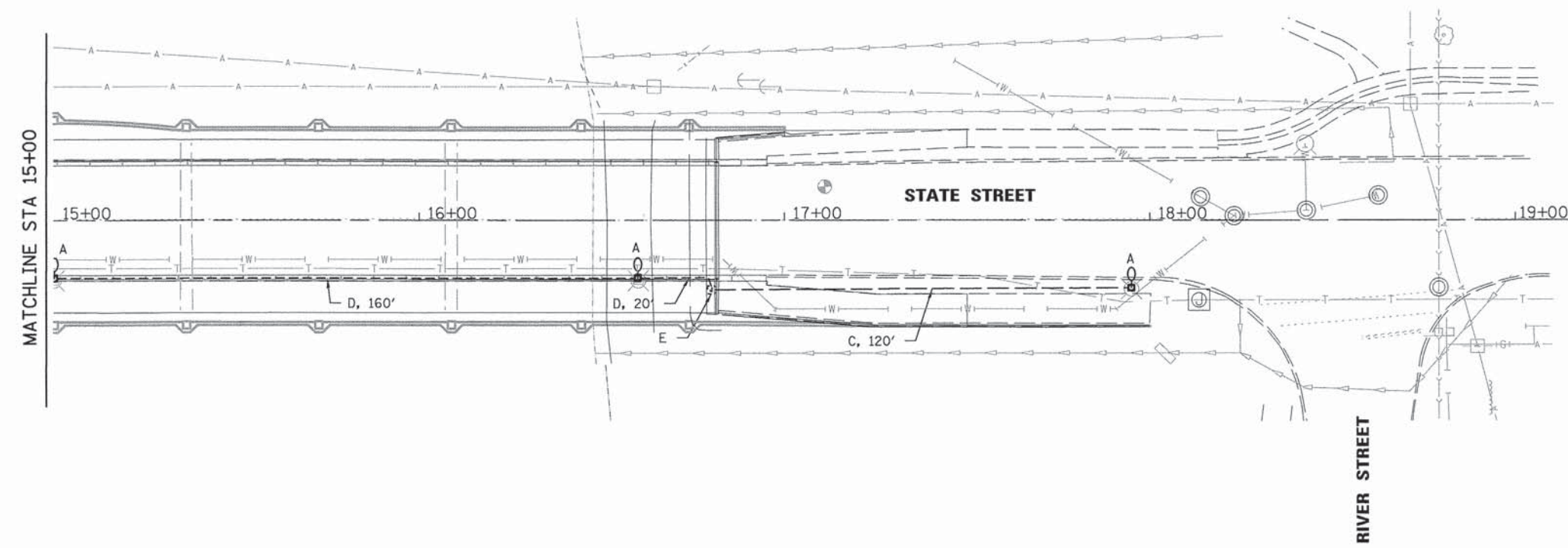
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	19
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



- LEGEND**
- "A" - REMOVE EXISTING LIGHT POLE WITH DAVIT STYLE MAST ARM AND COBRAHEAD LUMINAIRE.
 - "B" - REMOVE EXISTING LIGHTING CONTROLLER, CONTROLLER FOUNDATION TO BE RE-USED.
 - "C" - REMOVE EXISTING UNIT DUCT CABLE.
 - "D" - REMOVE EXISTING CABLE, ABANDON CONDUIT IN BRIDGE PARAPET.
 - "E" - REMOVE EXISTING JUNCTION BOX AT ABUTMENT WALL.

- NOTES:**
1. ALL EXISTING LIGHTING EQUIPMENT (LIGHT POLES, LUMINAIRES, BRACKET ARMS, WIRE, ETC.) WILL NOT BE SALVAGED.



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Michael Baker INTERNATIONAL

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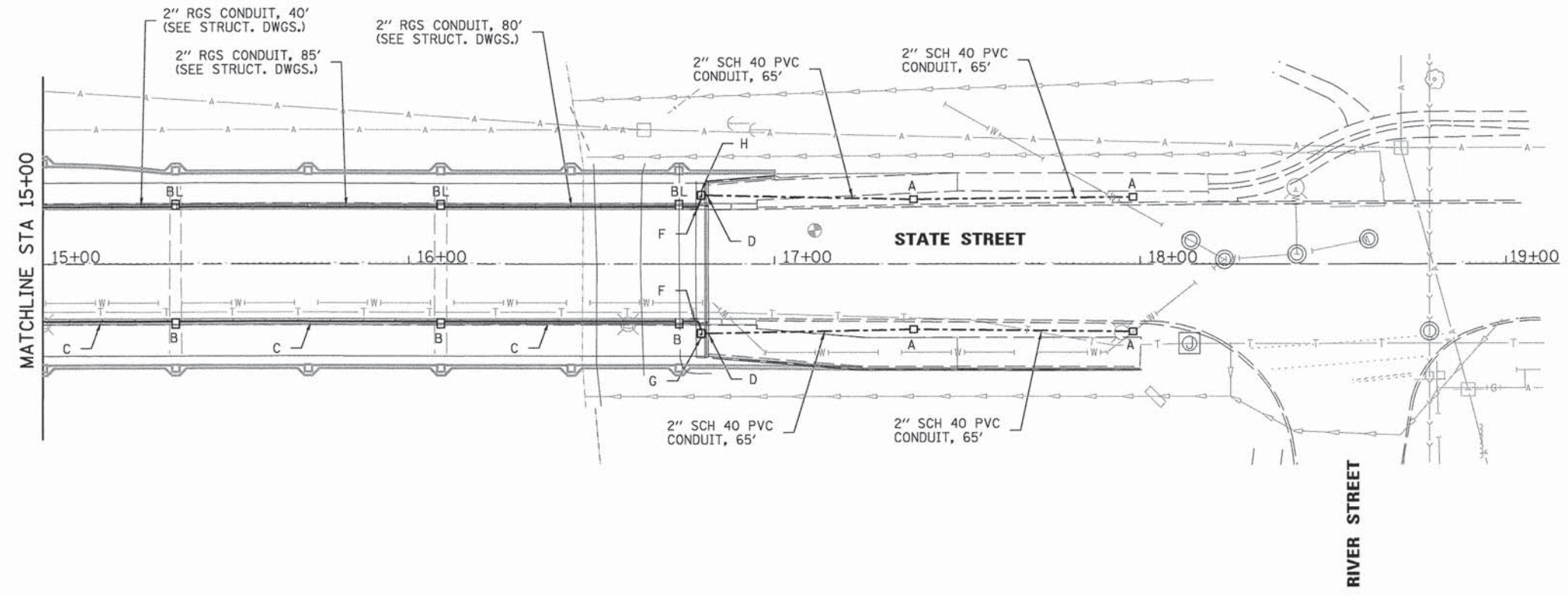
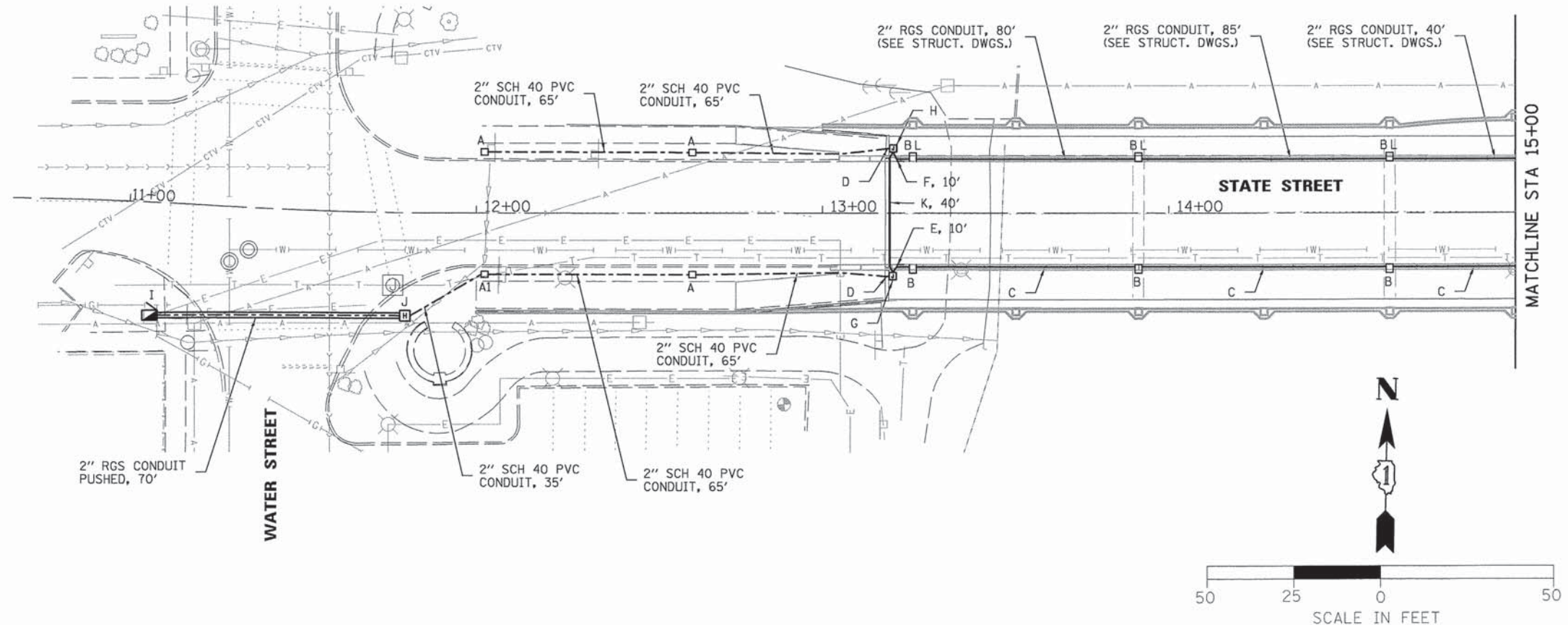
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
 ROADWAY LIGHTING REMOVAL PLAN
 SCALE: 1" = 40' SHEET NO. 2 OF 5 SHEETS STA. 11+42.16 TO STA. 18+57.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	20
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

LEGEND

- "A" - INSTALL IDOT STANDARD 836001-02 LIGHT POLE FOUNDATION FOR THE VILLAGE OF SOUTH ELGIN (47589) GROUND MOUNTED LIGHTING STANDARD. 3'-0" OFFSET FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- "A1" - INSTALL IDOT DISTRICT 1 STANDARD BE-310 LIGHT POLE FOUNDATION OFFSET FOR THE VILLAGE OF SOUTH ELGIN (47589) GROUND MOUNTED LIGHTING STANDARD. 3'-0" OFFSET FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- "B" - LIGHTING FOUNDATION FOR THE VILLAGE OF SOUTH ELGIN (47589) BRIDGE MOUNTED LIGHTING STANDARD. SEE STRUCTURAL DRAWINGS FOR LIGHTING FOUNDATION DETAILS.
- "C" - EXISTING LIGHTING CONDUIT IN BRIDGE PARAPET TO REMAIN. REMOVE EXISTING WIRES, CLEAN CONDUIT AND INSTALL NEW WIRES AS SHOWN ON LIGHTING AND CABLE PLAN. SEE STRUCTURAL DRAWINGS FOR NEW JUNCTION BOX INSTALLATION AT EACH LIGHTING BLISTER LOCATION.
- "D" - INSTALL 10' X 2" STAINLESS STEEL CONDUIT THROUGH EXISTING ABUTMENT WALL, EXTEND CONDUIT INTO NEW JUNCTION BOX AT BRIDGE ABUTMENT WALL. SEE STANDARD DETAIL 812001.
- "E" - INSTALL 2" RGS CONDUIT FROM JUNCTION BOX AT ABUTMENT WALL TO EXISTING JUNCTION BOX IN BRIDGE PARAPET (SEE STRUCTURAL DRAWINGS). SEE STANDARD DETAIL 812001, SIMILAR.
- "F" - INSTALL 2" RGS CONDUIT FROM JUNCTION BOX AT ABUTMENT WALL, ACROSS UNDERSIDE OF BRIDGE, ROUTED TO JUNCTION BOX IN BRIDGE BARRIER AT EACH LIGHTING BLISTER LOCATION. SEE ITEM "L", SEE STANDARD DETAIL 812001, SIMILAR.
- "G" - REMOVE EXISTING JUNCTION BOX AT ABUTMENT WALL, INSTALL NEW 12" X 12" X 6" STAINLESS STEEL JUNCTION BOX, RE-ROUTE CONDUIT AND MAINTAIN EXISTING CIRCUITRY AS REQUIRED. SEE ITEMS "D", "E" AND "L".
- "H" - INSTALL NEW 12" X 12" X 6" STAINLESS STEEL JUNCTION BOX, ROUTE CONDUIT AS REQUIRED. SEE ITEMS "D", "E" AND "L".
- "I" - EXISTING CONCRETE LIGHTING CONTROLLER FOUNDATION TO REMAIN.
- "J" - INSTALL 24" COMPOSITE CONCRETE HANDHOLE AS PER IDOT STANDARD DRAWING NO. 8140 PVC01-03.
- "K" - INSTALL 2" RIGID GALVANIZED STEEL CONDUIT AT ABUTMENT WALL. SEE ITEMS "G" AND "H".
- "L" - INSTALL NEW 8" X 8" X 6" STAINLESS STEEL JUNCTION BOX IN BRIDGE BARRIER AT EACH LIGHTING BLISTER LOCATION, ROUTE 2" RGS CONDUIT INTO BOX TO ACCOMMODATE LIGHTING CIRCUIT CONNECTIONS.



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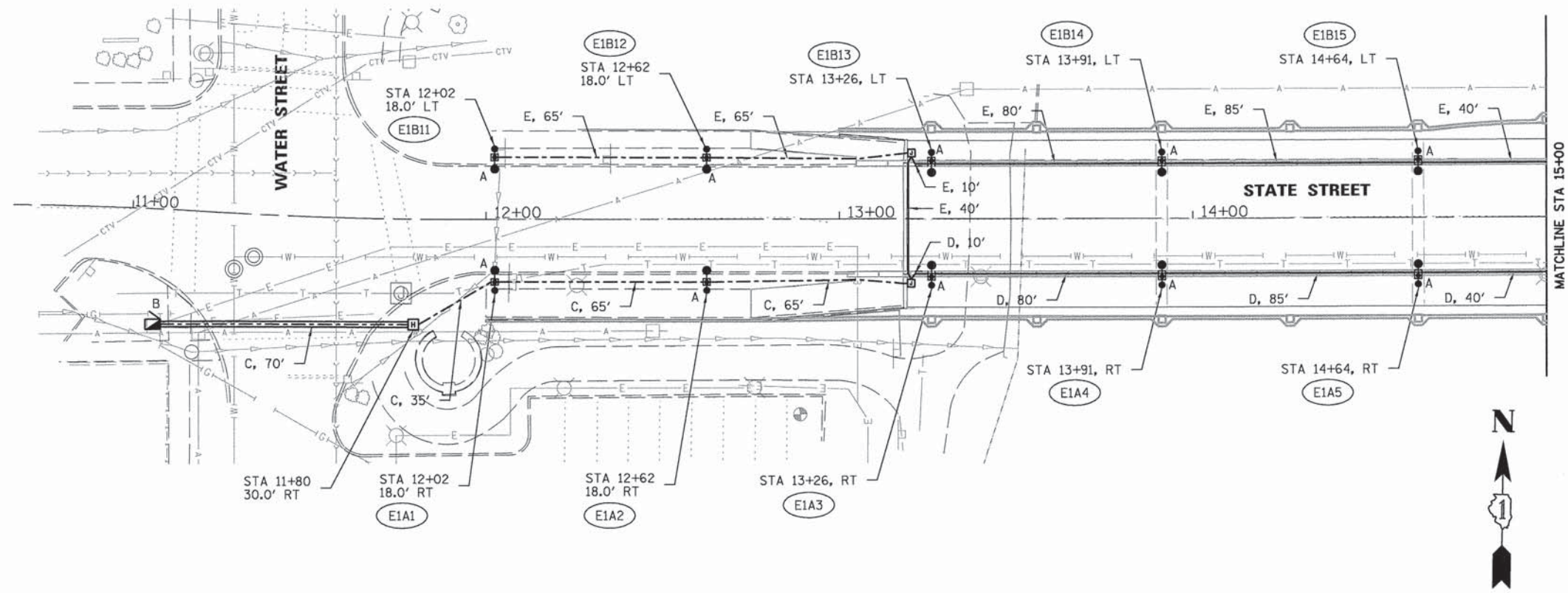
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

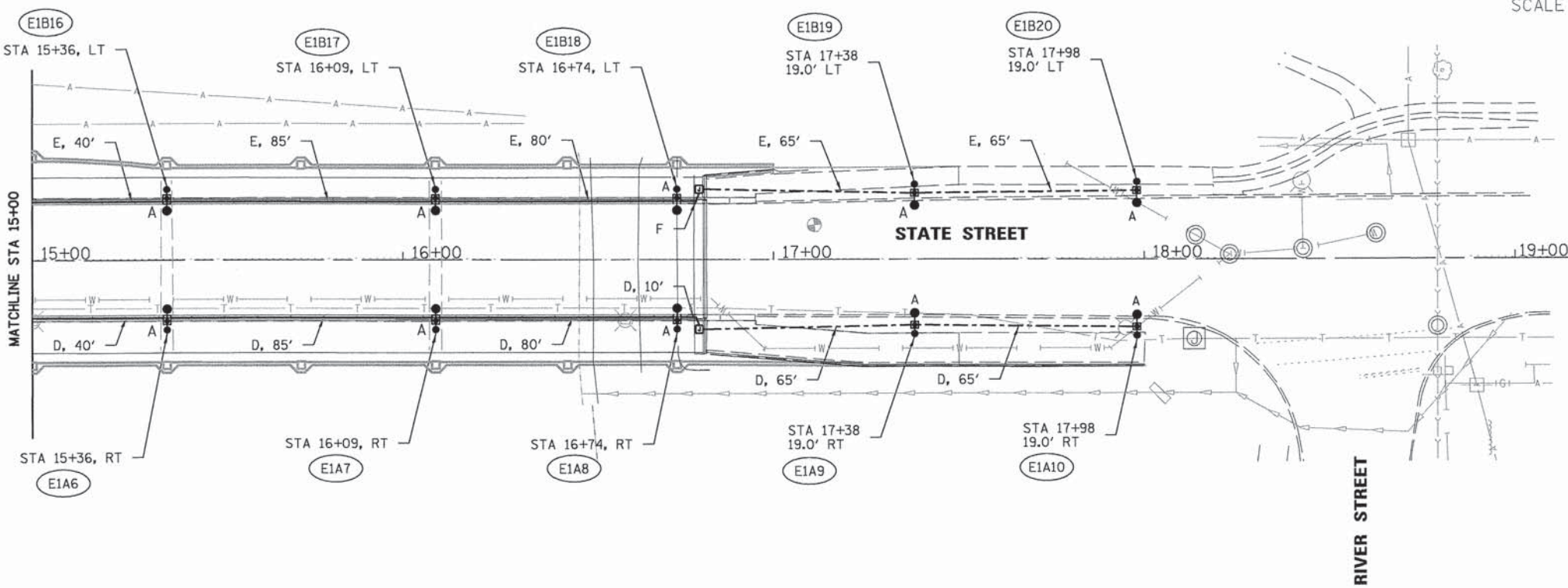
STATE STREET BRIDGE ENHANCEMENT PROJECT
LIGHTING FOUNDATION AND CONDUIT PLAN

SCALE: 1" = 40' SHEET NO. 3 OF 5 SHEETS STA. 11+42.16 TO STA. 18+57.27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	21
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



- LEGEND**
- "A" - INSTALL VILLAGE OF SOUTH ELGIN (47589) LIGHTING STANDARD WITH 2-45 WATT ORNAMENTAL LED PENDANT STYLE LUMINAIRES (18'-0" MOUNTING HT.-ROADWAY AND 12'-0" MOUNTING HEIGHT-SIDEWALK), ORNAMENTAL POLE AND BASE WITH GFCI RECEPTACLE, TWIN ORNAMENTAL BRACKET ARMS AND BANNER ATTACHMENTS.
 - "B" - INSTALL PEDESTAL MOUNTED SINGLE PHASE, 120/240V, 3W, 100A LIGHTING CONTROLLER PER STANDARD DRAWING NO. 825011-03. BRANCH CIRCUIT BREAKERS TO BE SINGLE POLE-LIGHTING CIRCUITS AT 120V, CIRCUITS AS SHOWN ON PLANS, PAINT BLACK.
 - "C" - PROPOSED STREET LIGHTING CABLE, 4-1/C NO. 4, 1-1/C NO. 4 GND, 600V (XLP-TYPE USE) - CIRCUITS A AND B.
 - "D" - PROPOSED STREET LIGHTING CABLE, 2-1/C NO. 4, 1-1/C NO. 4 GND, 600V (XLP-TYPE USE) - CIRCUIT A.
 - "E" - PROPOSED STREET LIGHTING CABLE, 2-1/C NO. 4, 1-1/C NO. 4 GND, 600V (XLP-TYPE USE) - CIRCUIT B.



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Michael Baker INTERNATIONAL

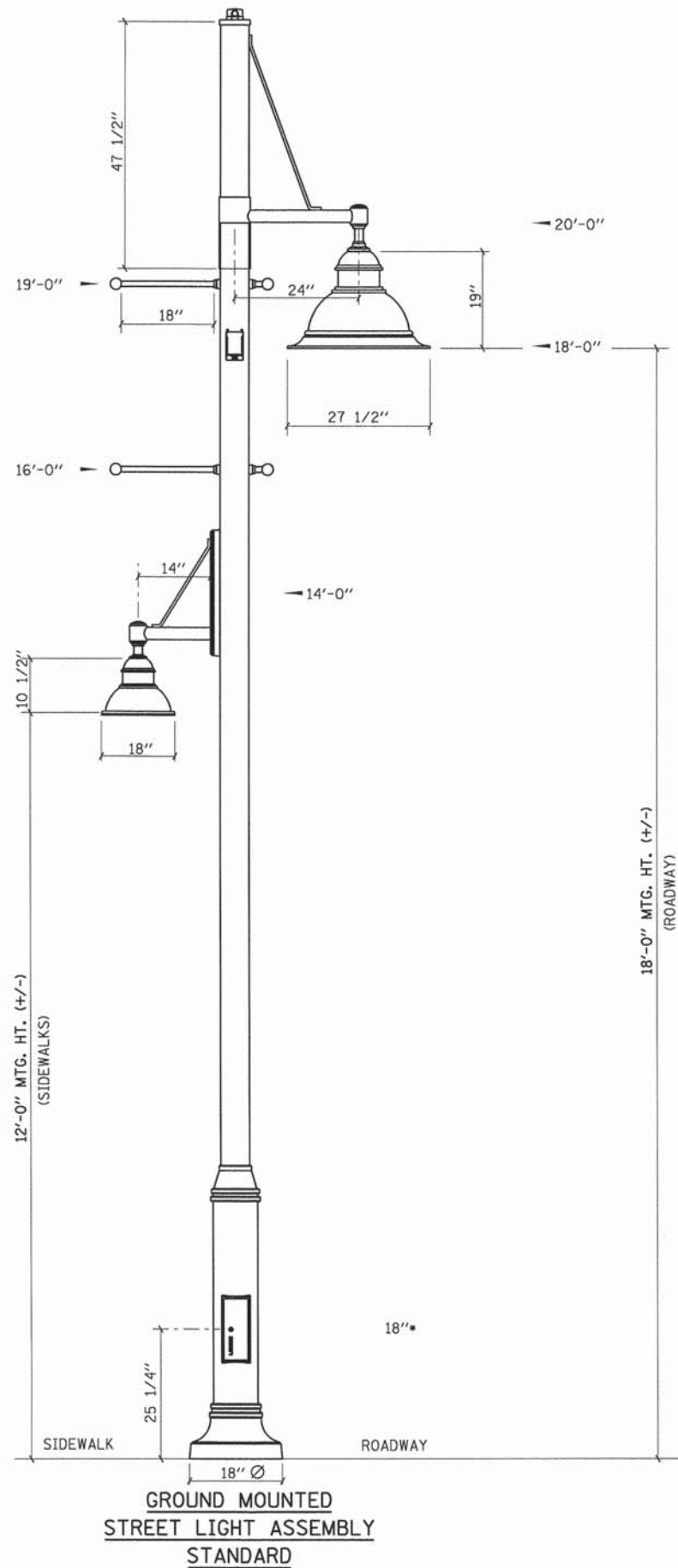
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	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**STATE STREET BRIDGE ENHANCEMENT PROJECT
ROADWAY LIGHTING AND CABLE PLAN**

SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 11+42.16 TO STA. 18+57.27

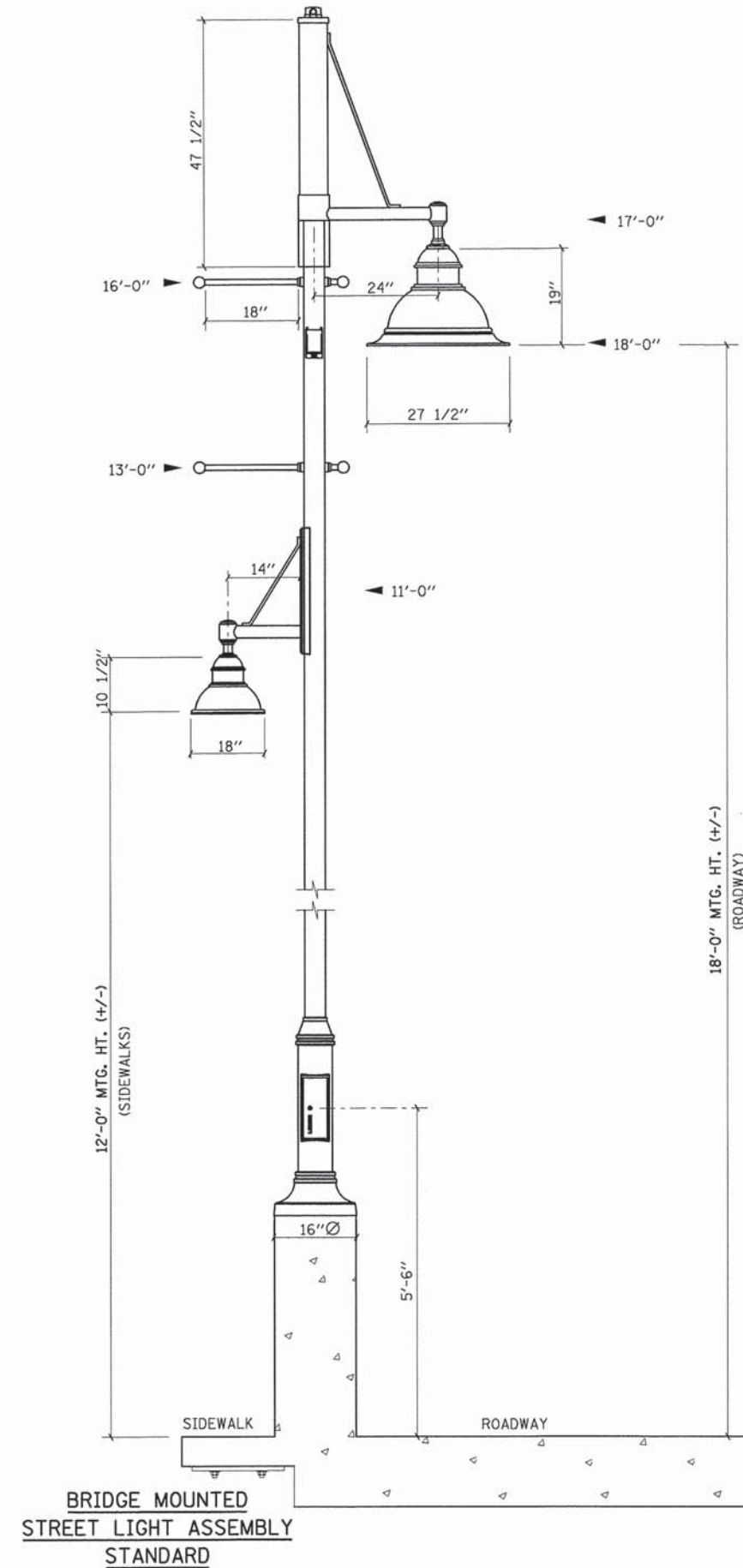
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	22
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-00019271				



VILLAGE OF SOUTH ELGIN
(47589) LIGHTING STANDARD

NOTES:

1. THREE FUSES AND FUSE HOLDERS WILL BE SUPPLIED WITH EACH LIGHTING ASSEMBLY. ONE FOR EACH GFI AND ONE FOR THE LUMINAIRE THE FUSE WILL BE FNO TYPE AND WILL BE INSTALLED IN THE POLE BASE.
2. SEE IDOT STANDARD DETAIL 836001-02, FOR LIGHT POLE FOUNDATION AND STRUCTURAL DRAWINGS FOR LIGHTING STANDARD MOUNTED ON BRIDGE LIGHTING FOUNDATION.



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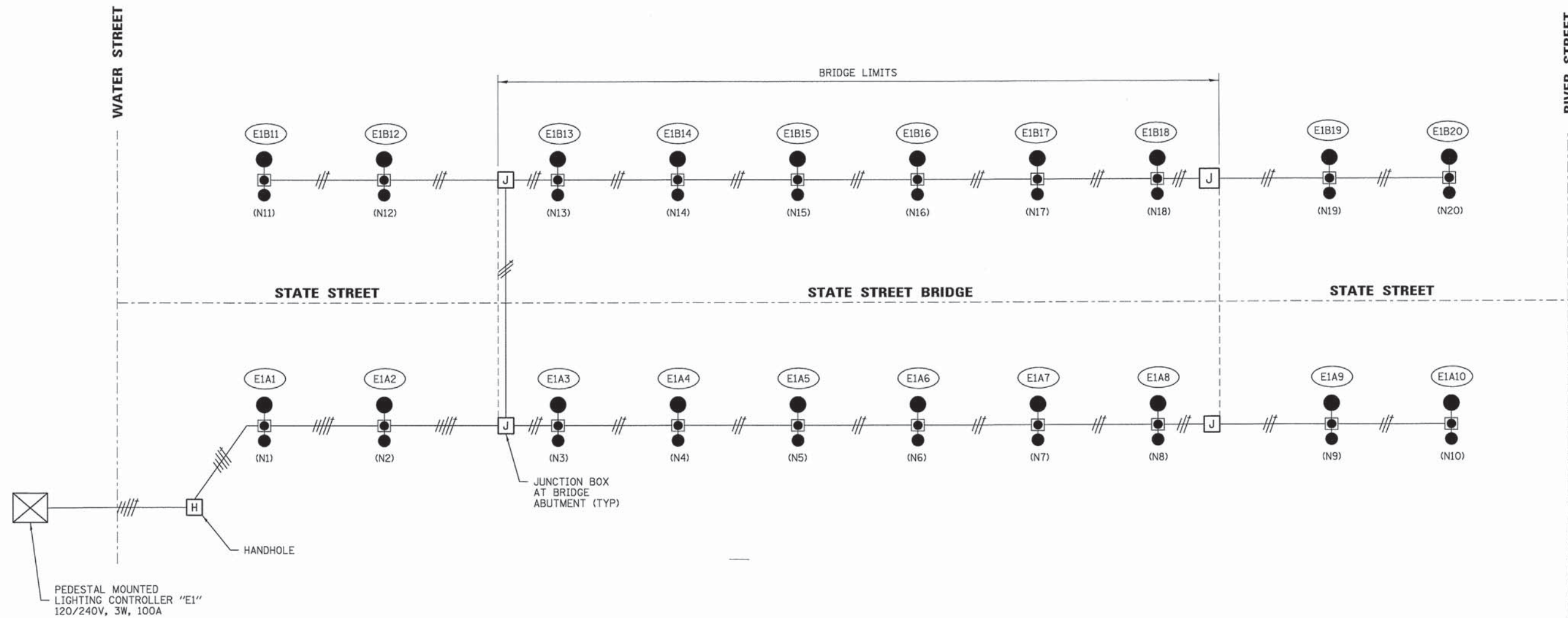
Michael Baker INTERNATIONAL

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PLOT SCALE = 20.0000' / 1" in.	DRAWN AJV	REVISED -
PLOT DATE = 10/20/2015	CHECKED ITY	REVISED -
	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
LIGHTING DETAILS
SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	23
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-001(927)				



WIRING DIAGRAM - CONTROLLER "E1"

LOAD TABULATION AND VOLTAGE DROP FOR LIGHTING CONTROLLER "E1"			
CIRCUIT	VOLT AMPS	AMPS	TOTAL VOLTAGE DROP OF CIRCUIT
A	2700	22.5	3.41%
B	2700	22.5	3.71%

ELECTRICAL SYMBOL LEGEND

- SOUTH ELGIN VILLAGE OF (47589) LIGHTING STANDARD (SEE SHEETS E-4 AND E-5 FOR LIGHTING DETAILS)
- #4 AWG PHASE AND NEUTRAL W/#4 GROUND (SEE SHEETS E-3 AND E-4 FOR WIRE TYPE AND CONDUIT TYPE AND SIZE)
- GROUND
- NEUTRAL
- PHASE
- E1A1
1 - DENOTES LIGHT POLE NO.
A - DENOTES LIGHTING CIRCUIT
E1 - DENOTES LIGHTING CONTROLLER
- LIGHTING CONTROLLER (SEE PEDESTAL MOUNTED STANDARD LIGHTING CONTROLLER DETAIL 825011-03)
- (N1) CALCULATION NODE FOR VOLTAGE DROP

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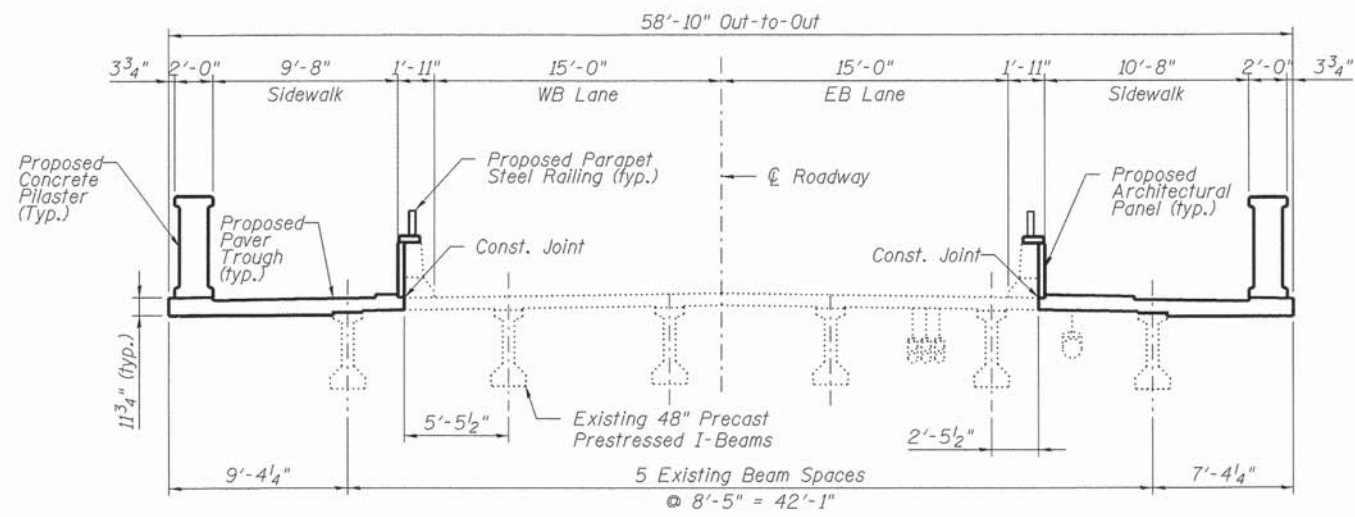
Michael Baker INTERNATIONAL

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	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

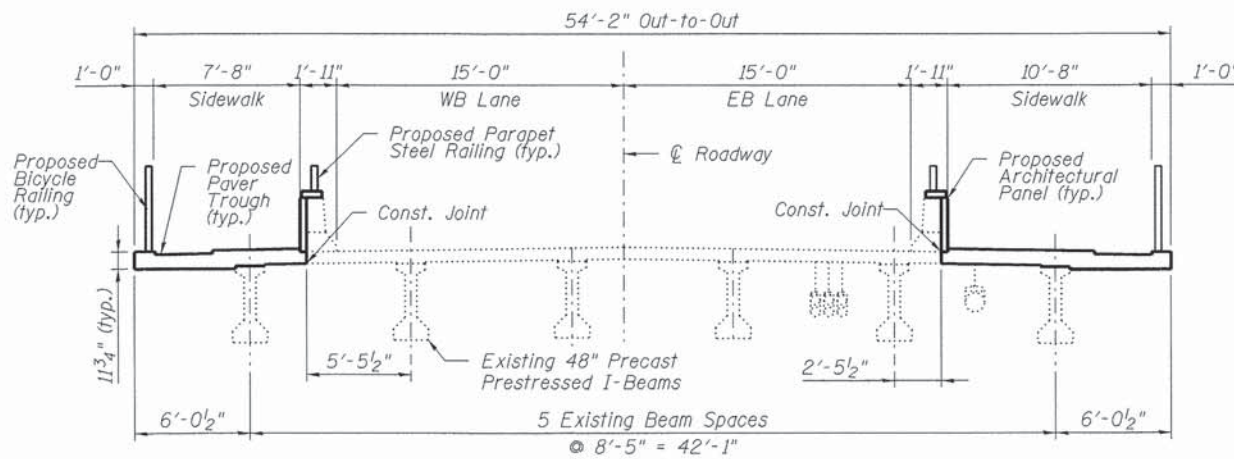
STATE STREET BRIDGE ENHANCEMENT PROJECT
WIRING DIAGRAM
SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 24
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				



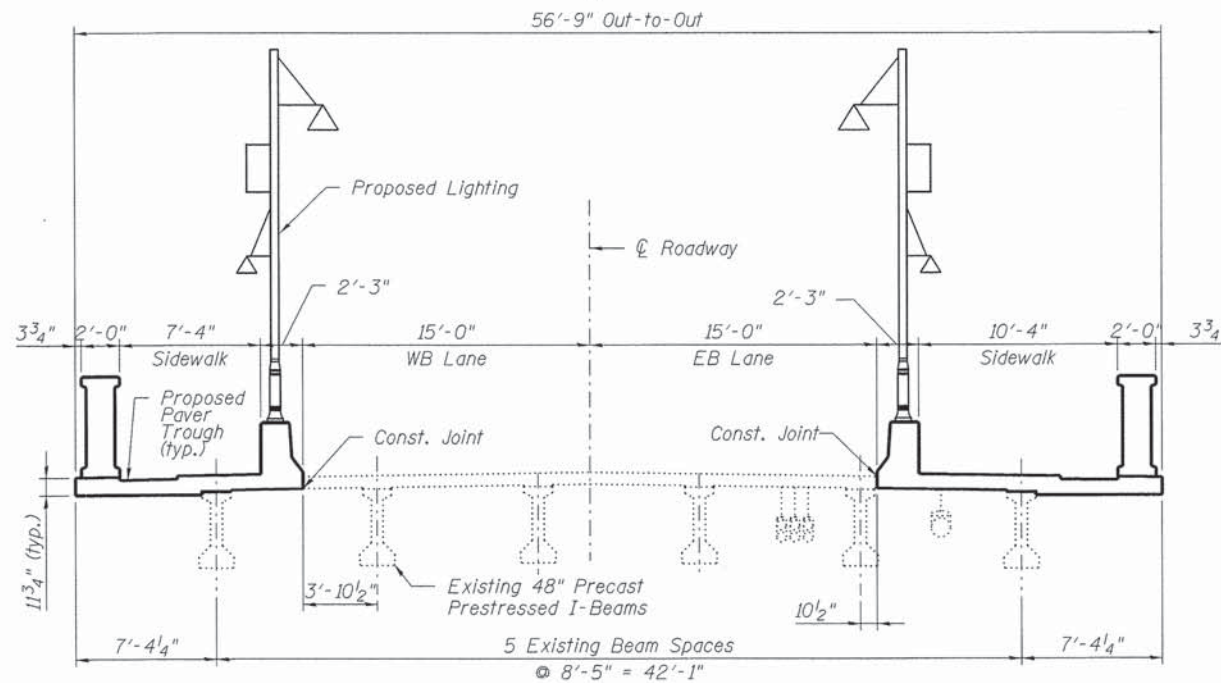
FINAL SECTION A-A

(Looking East)



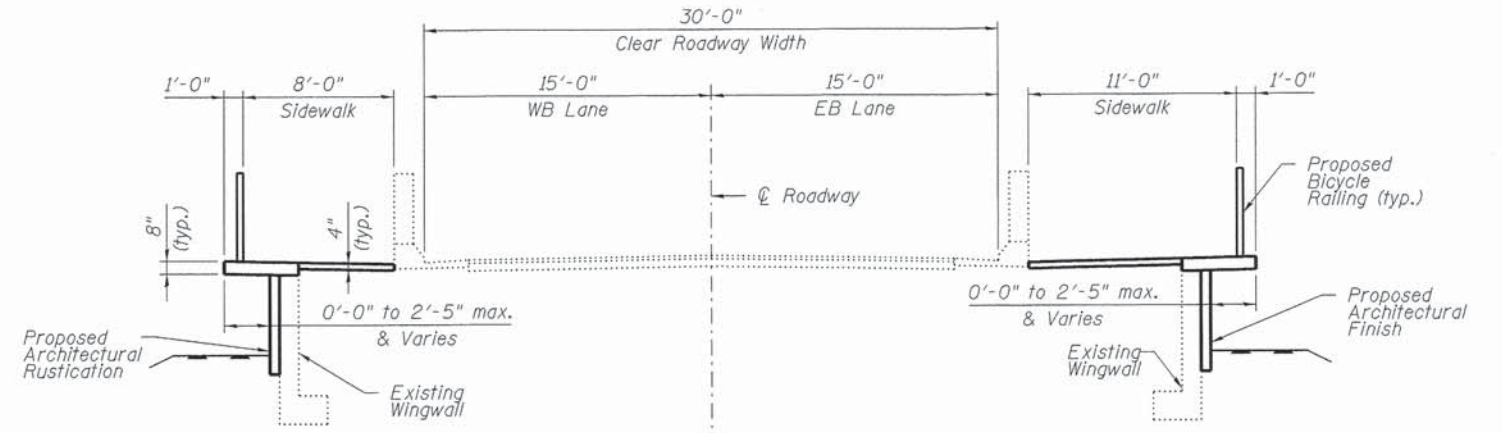
FINAL SECTION B-B

(Looking East)



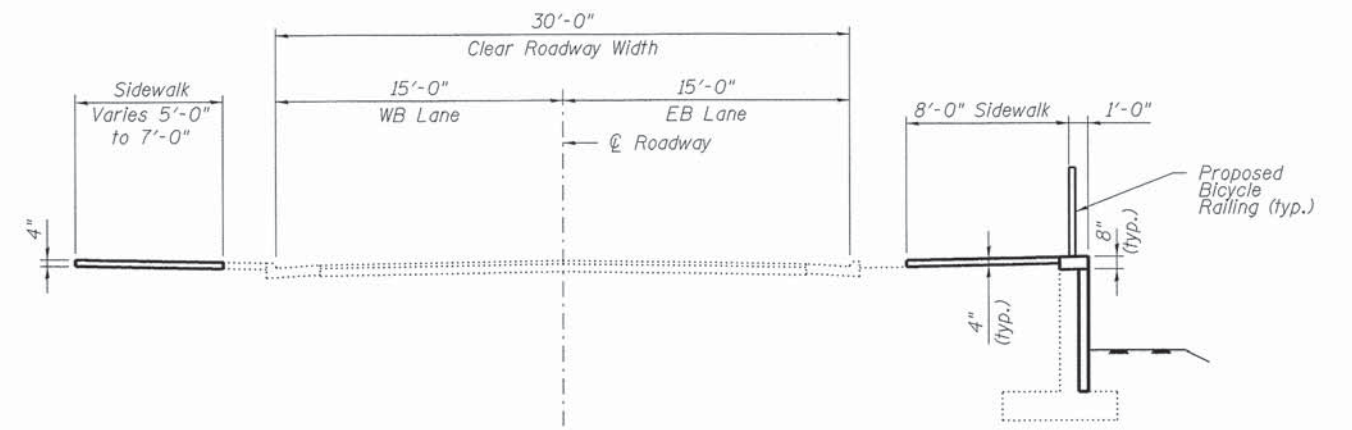
FINAL SECTION C-C

(Looking East)



FINAL SECTION D-D

(Looking East)



FINAL SECTION E-E

(Looking East)

**Michael Baker
INTERNATIONAL**

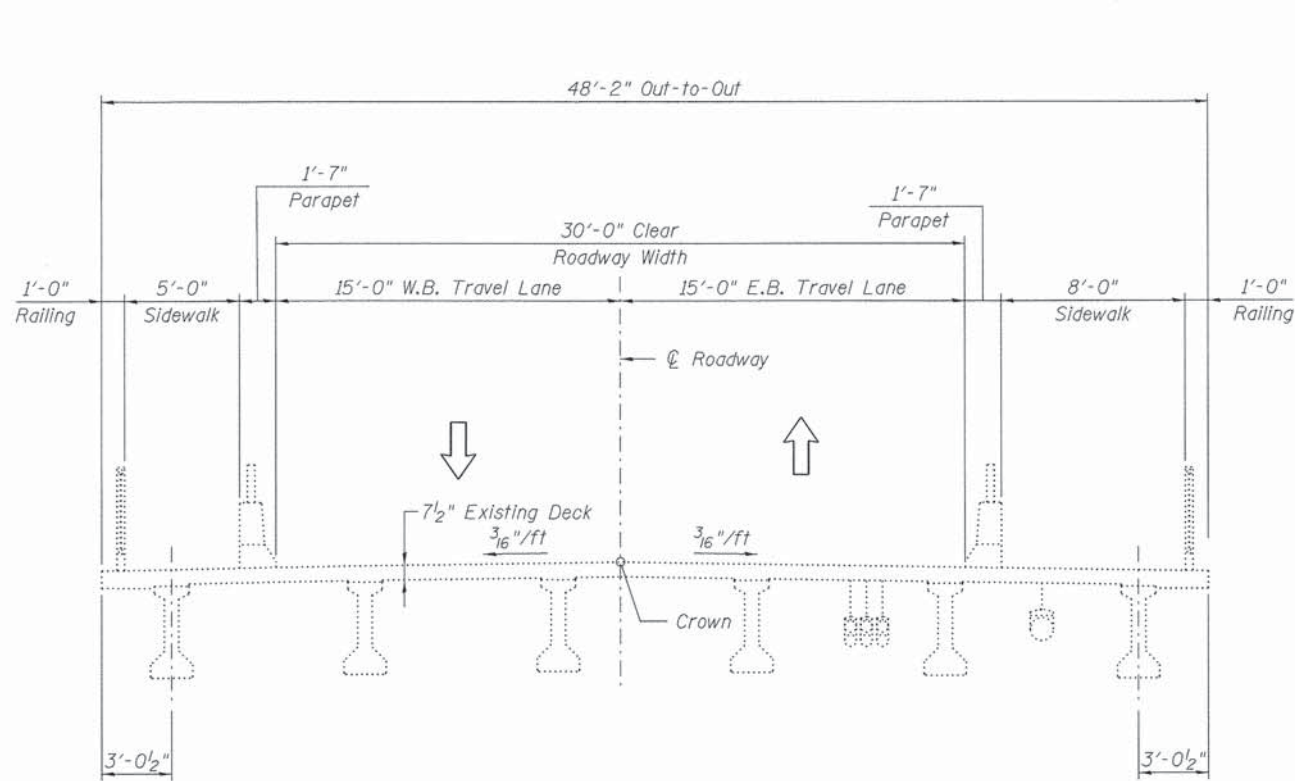
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**

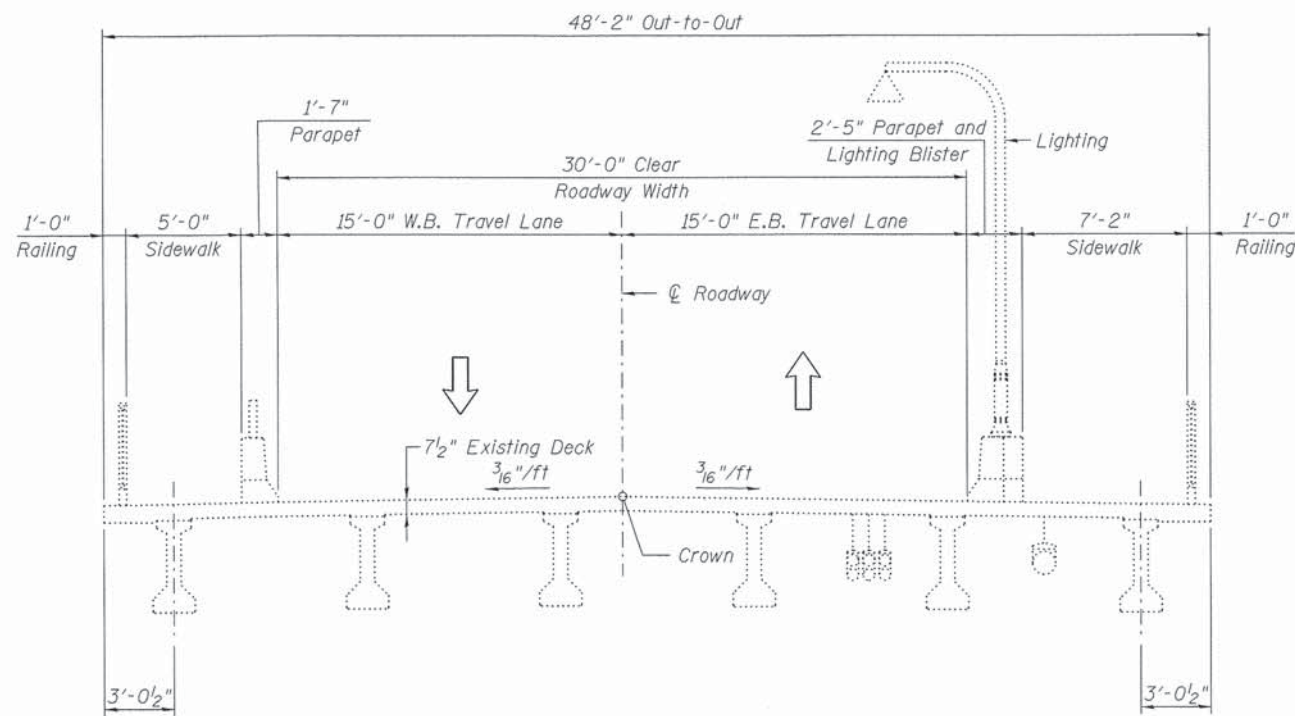
SHEET NO. 3 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	27
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
ILLINOIS FED. AID PROJECT: TE-0001927				



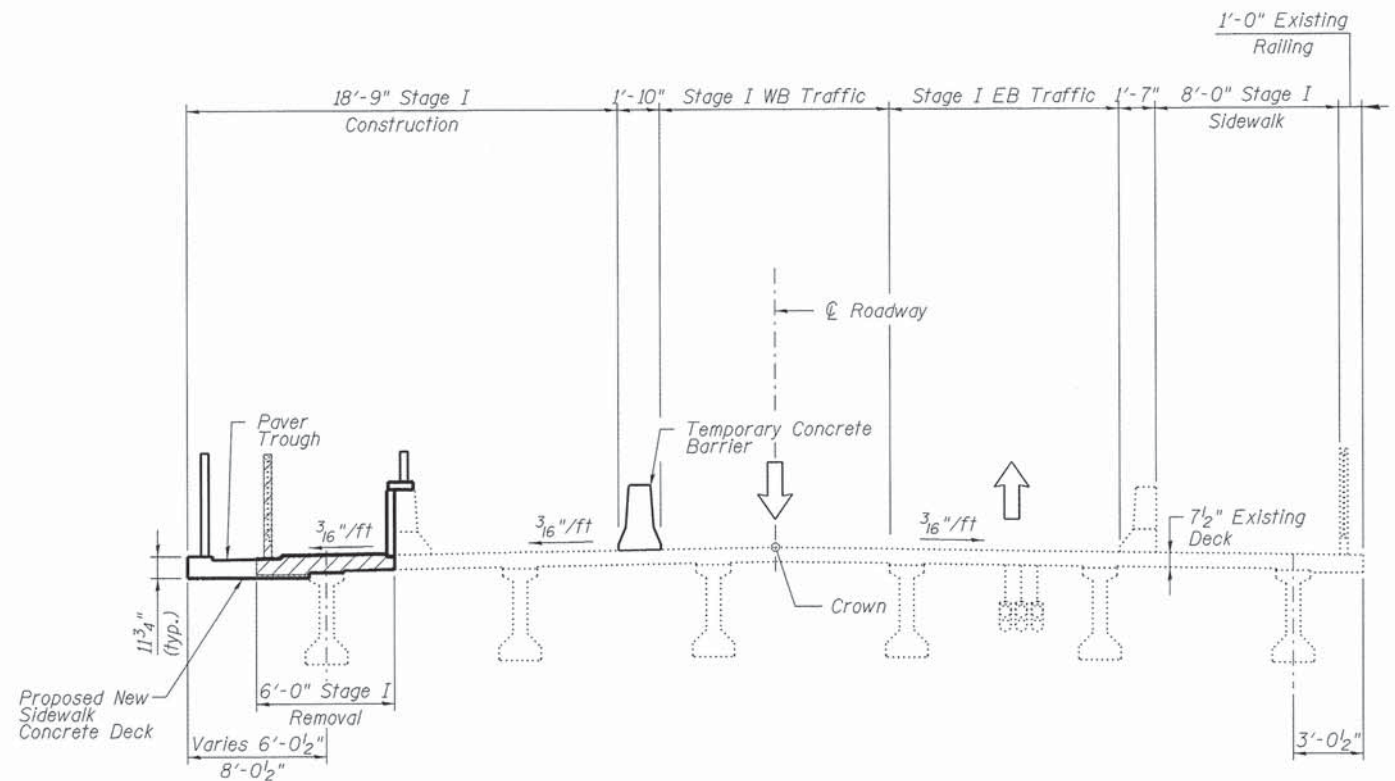
EXISTING SECTION

(Typical, Looking East)



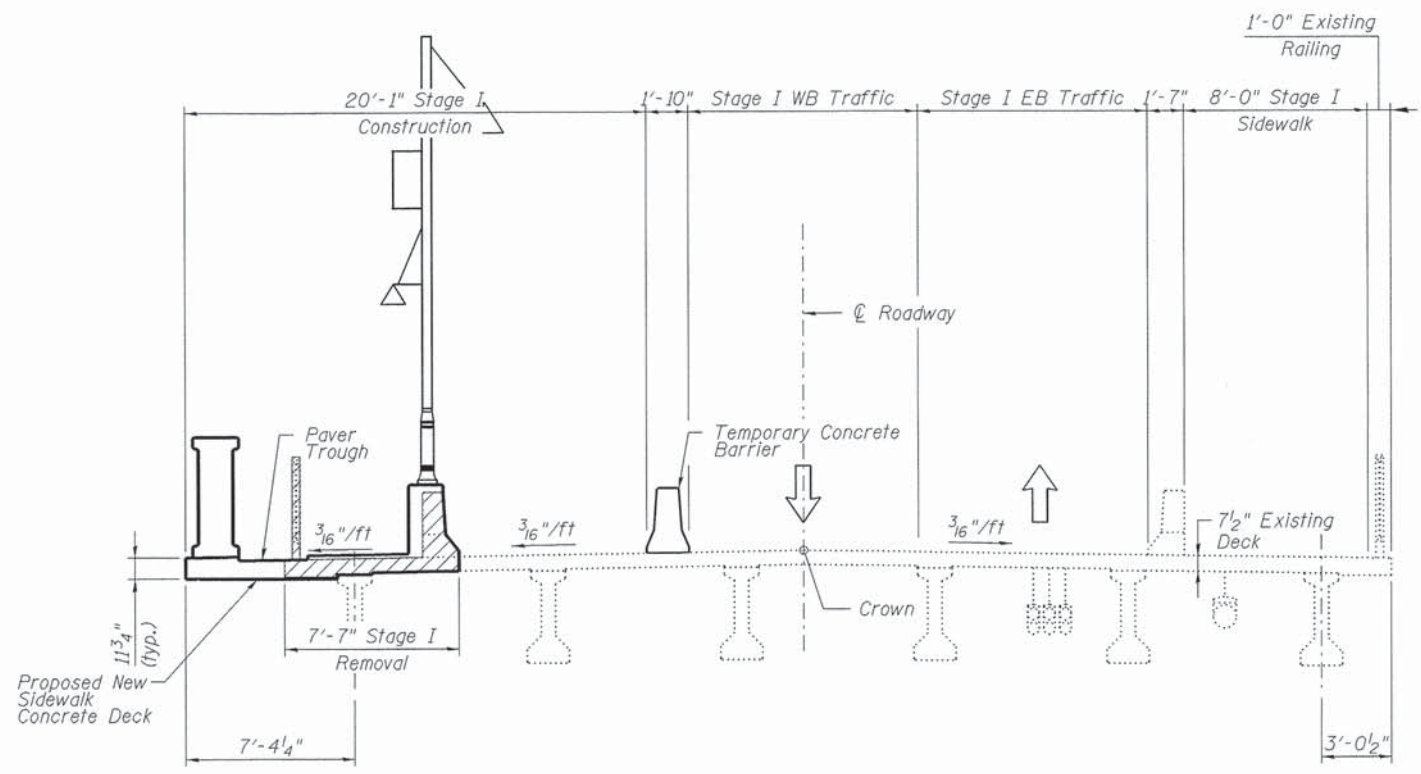
EXISTING SECTION

(At Lighting Detail, Looking East)



STAGE I CONSTRUCTION AND REMOVAL LIMITS

(Typical, Looking East)



STAGE I CONSTRUCTION AND REMOVAL LIMITS

(At Proposed Lighting Detail, Looking East)

Legend

Removal

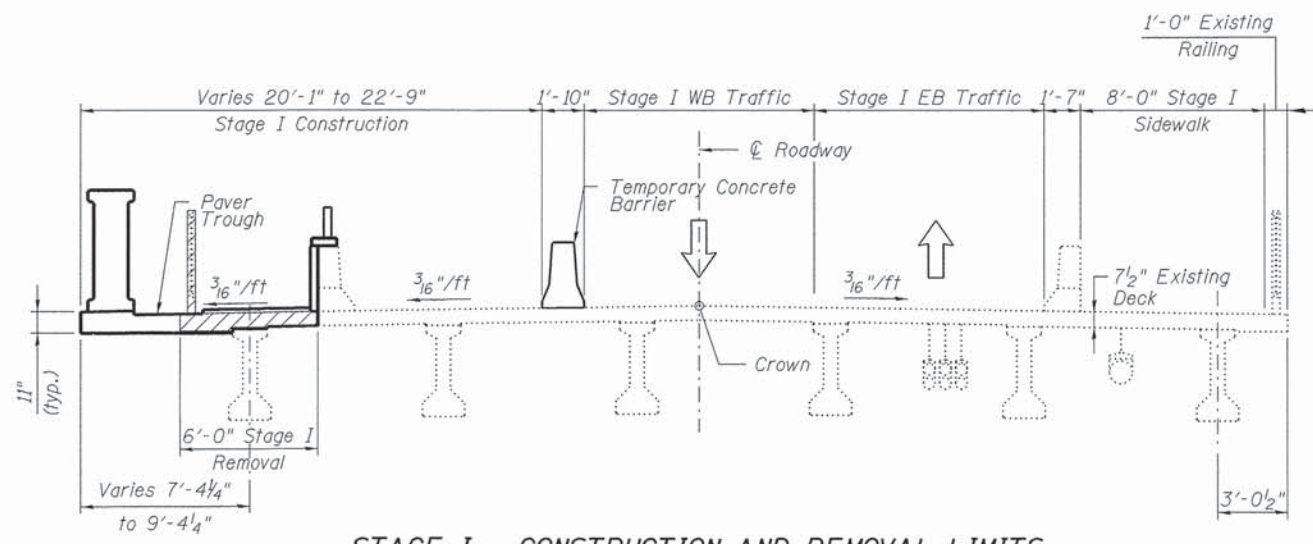
Michael Baker INTERNATIONAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

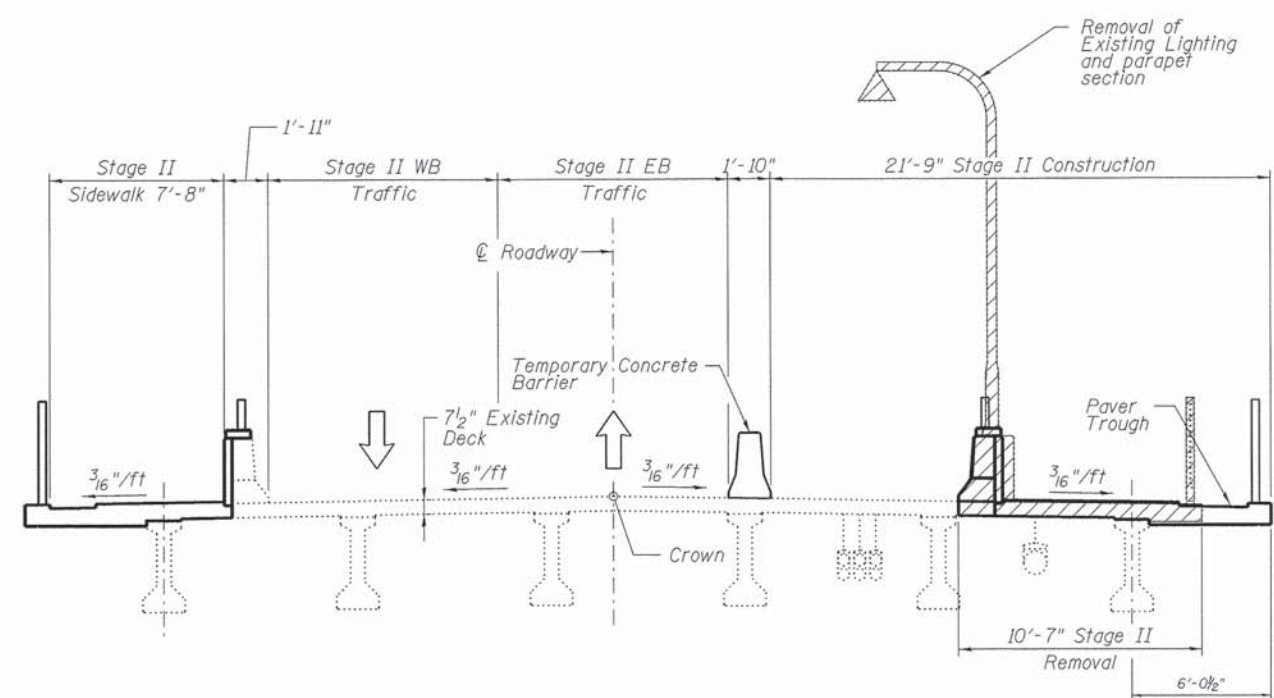
**STAGE CONSTRUCTION AND REMOVAL SEQUENCE I
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**
SHEET NO. 4 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	28
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
ILLINOIS FED. AID PROJECT: TE-000927				



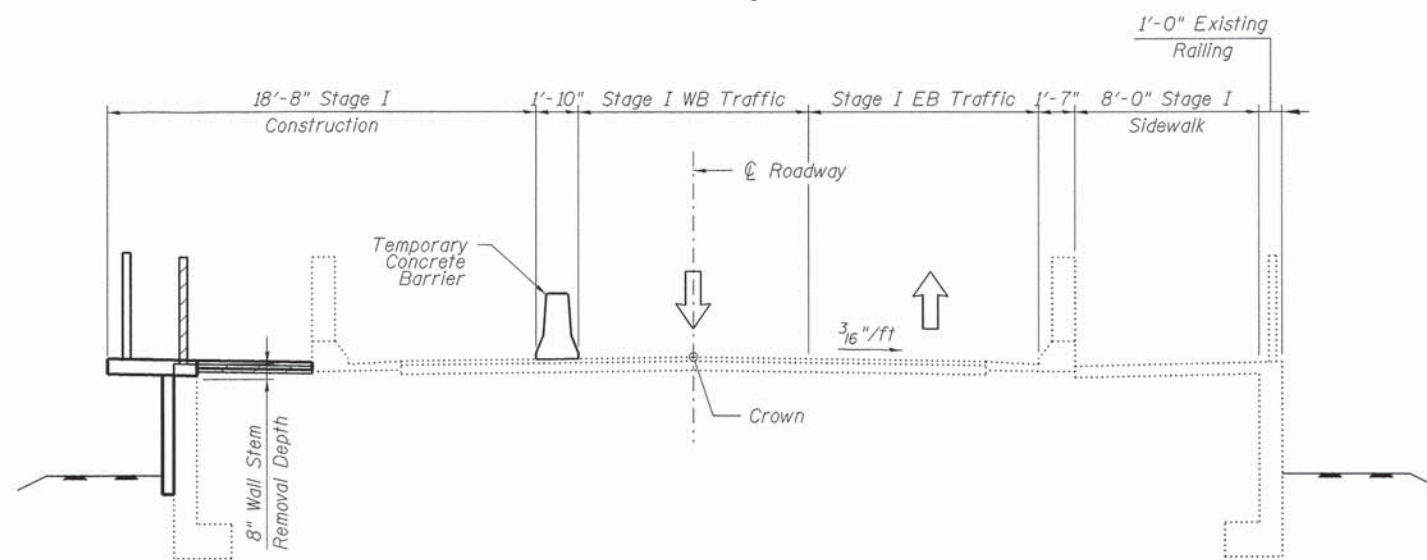
STAGE I - CONSTRUCTION AND REMOVAL LIMITS

(At Bollard, Looking East)



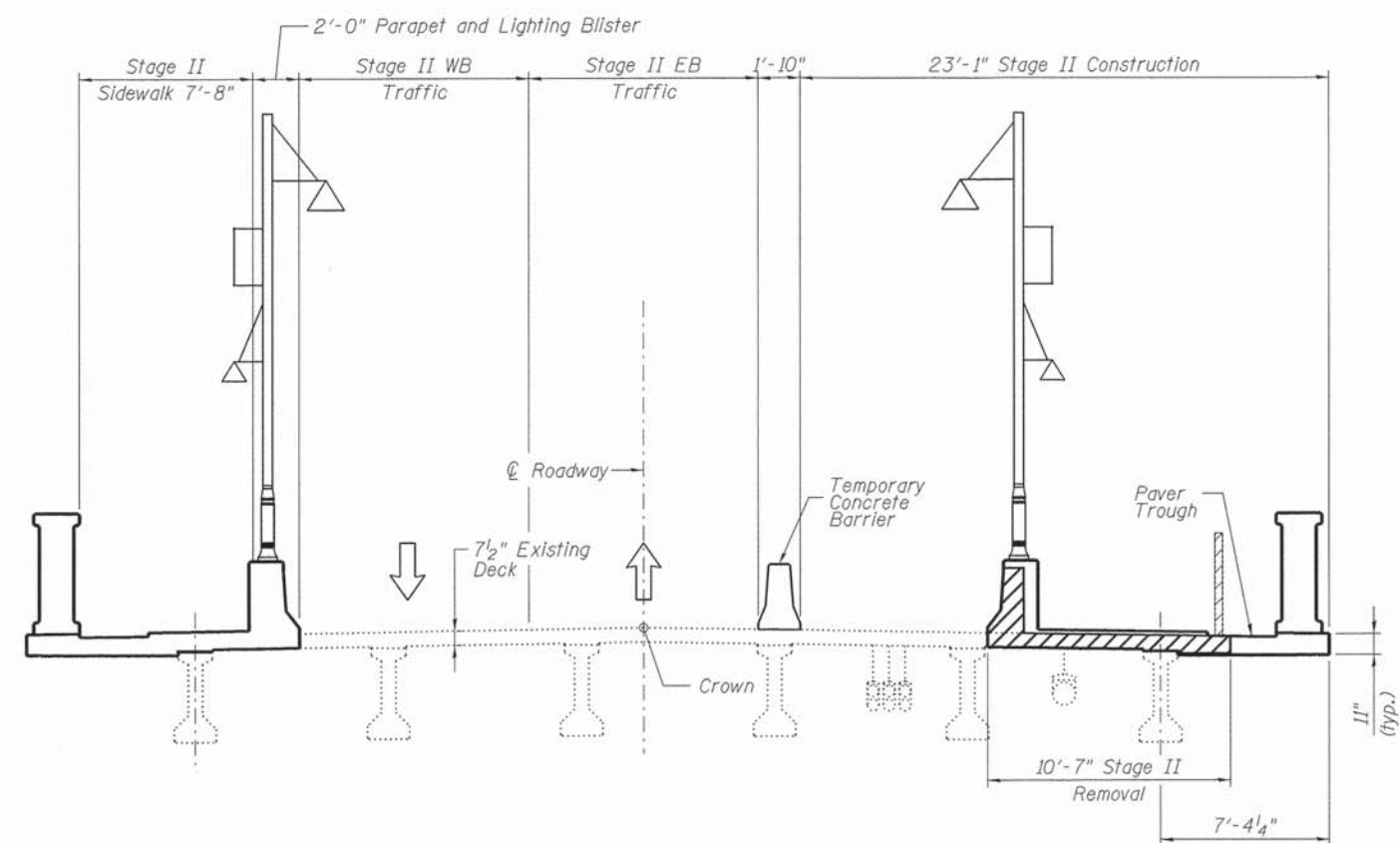
STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(At Existing Lighting Detail, Looking East)



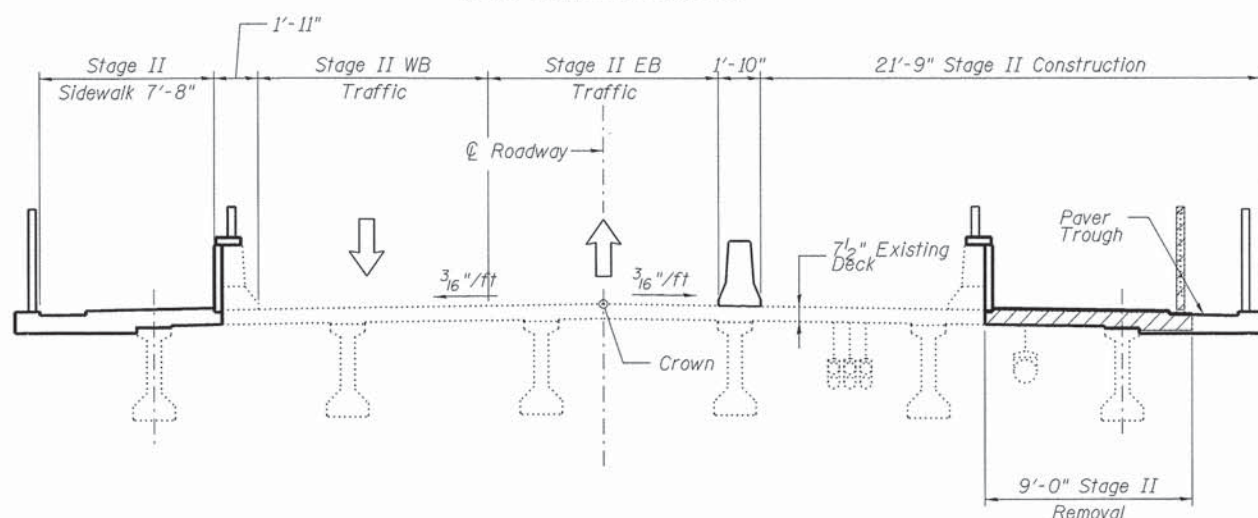
STAGE I - CONSTRUCTION AND REMOVAL LIMITS

(At NW Wingwall, Looking East)



STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(At Lighting Detail, Looking East)



STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(Typical, Looking East)

Legend

Removal

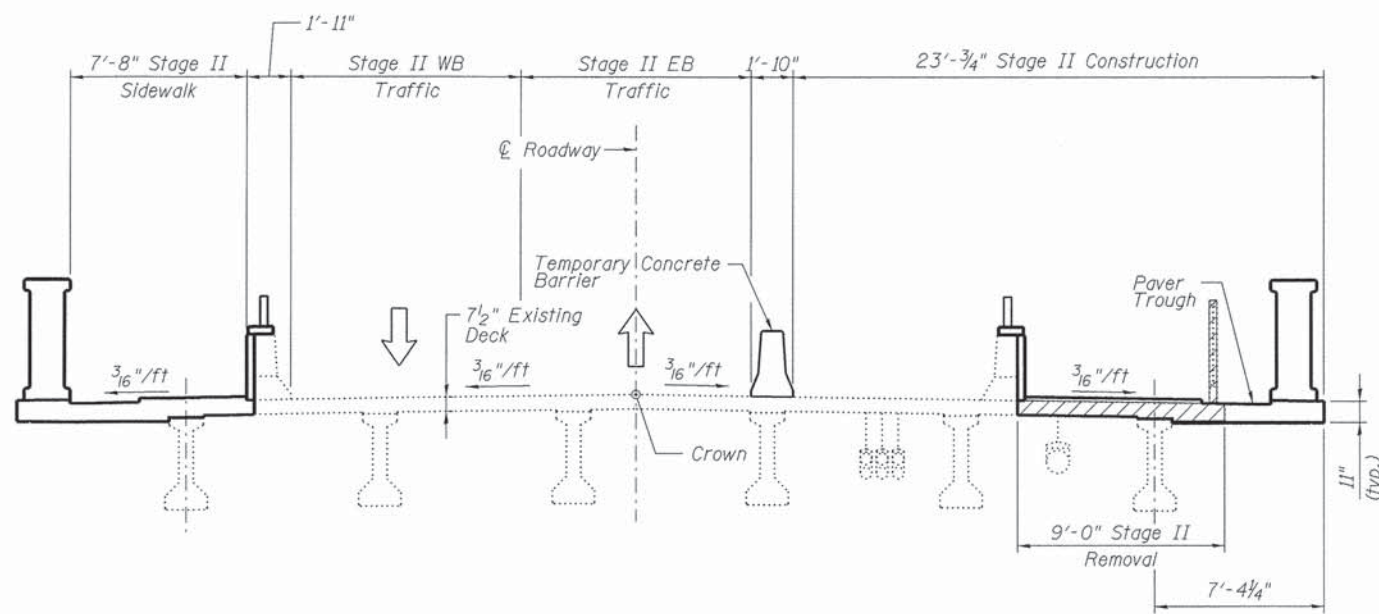
Michael Baker INTERNATIONAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

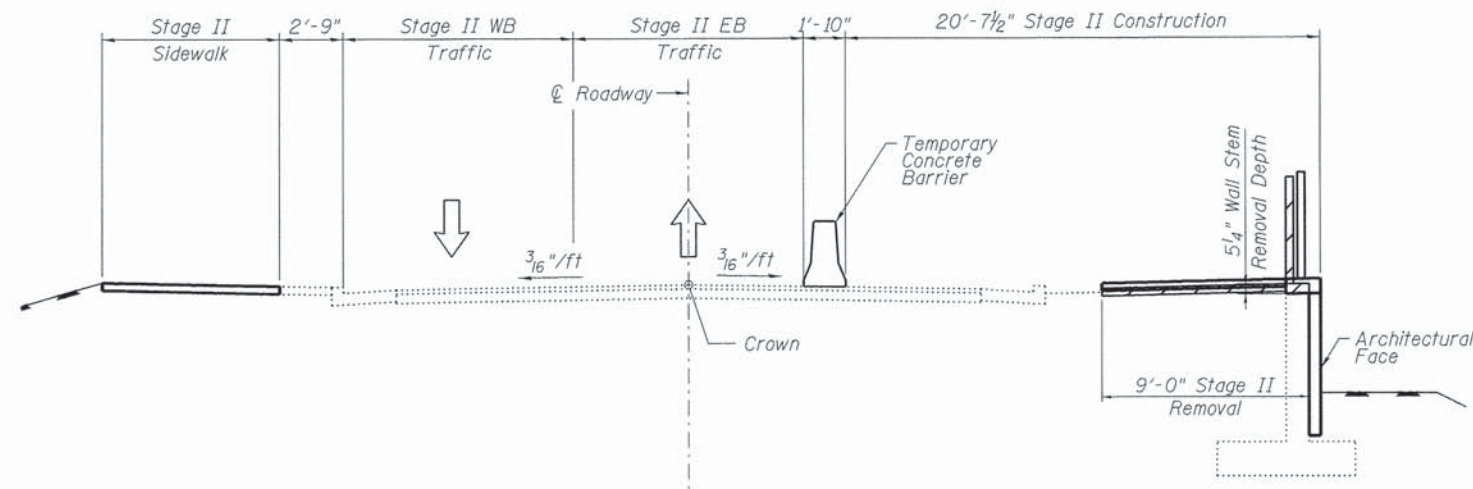
**STAGE CONSTRUCTION AND REMOVAL SEQUENCE II
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**
SHEET NO. 5 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	29
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
ILLINOIS FED. AID PROJECT: TE-000927				



STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(At Bollard, Looking East)

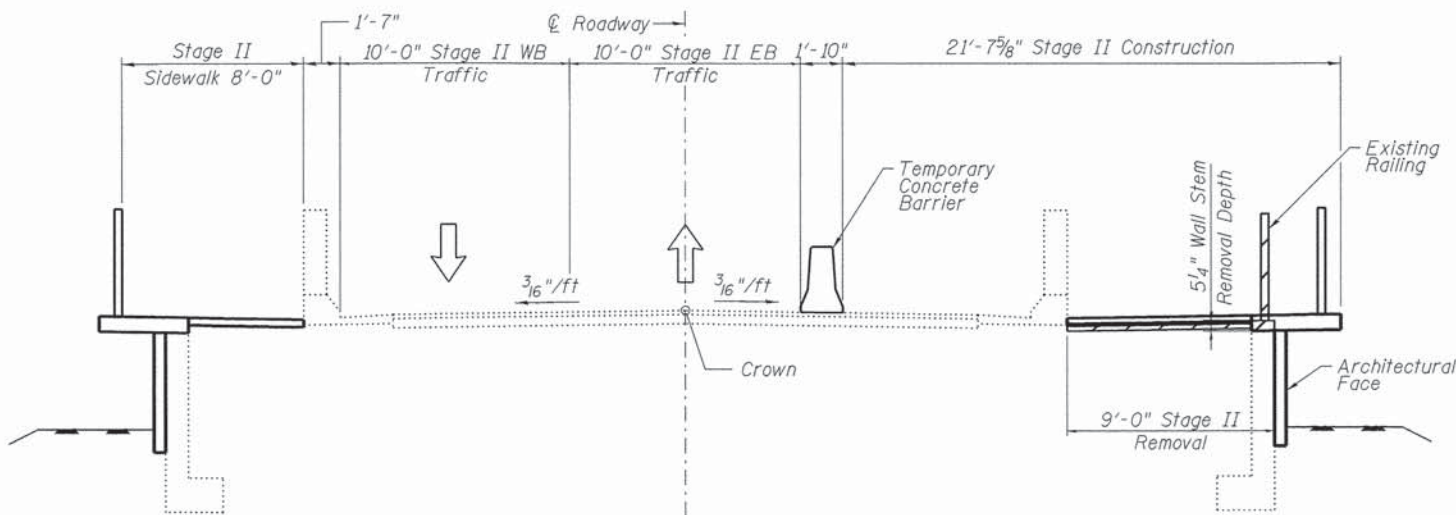


STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(At SW Retaining Wall, Looking East)

Legend

Removal



STAGE II - CONSTRUCTION AND REMOVAL LIMITS

(At SW Wingwall, Looking East)

NOTES

Existing roadway lighting is attached to the South concrete traffic barrier structure. Existing lighting should be removed and new proposed lighting will be installed at new locations.

Full height of concrete bridge parapet and deck shall be removed at the existing roadway lighting & proposed new lighting locations. New concrete deck and concrete barrier to be installed at these locations to support the new proposed lighting. New concrete bridge parapet to match the existing concrete railing in kind.

Traffic traveling in each direction will be maintained during construction at any given time. See roadway maintenance of traffic drawings for more details.

Utilities suspended from deck in proposed regions shall be temporarily supported during construction.

Temporary support of utilities is included in the cost of concrete removal.

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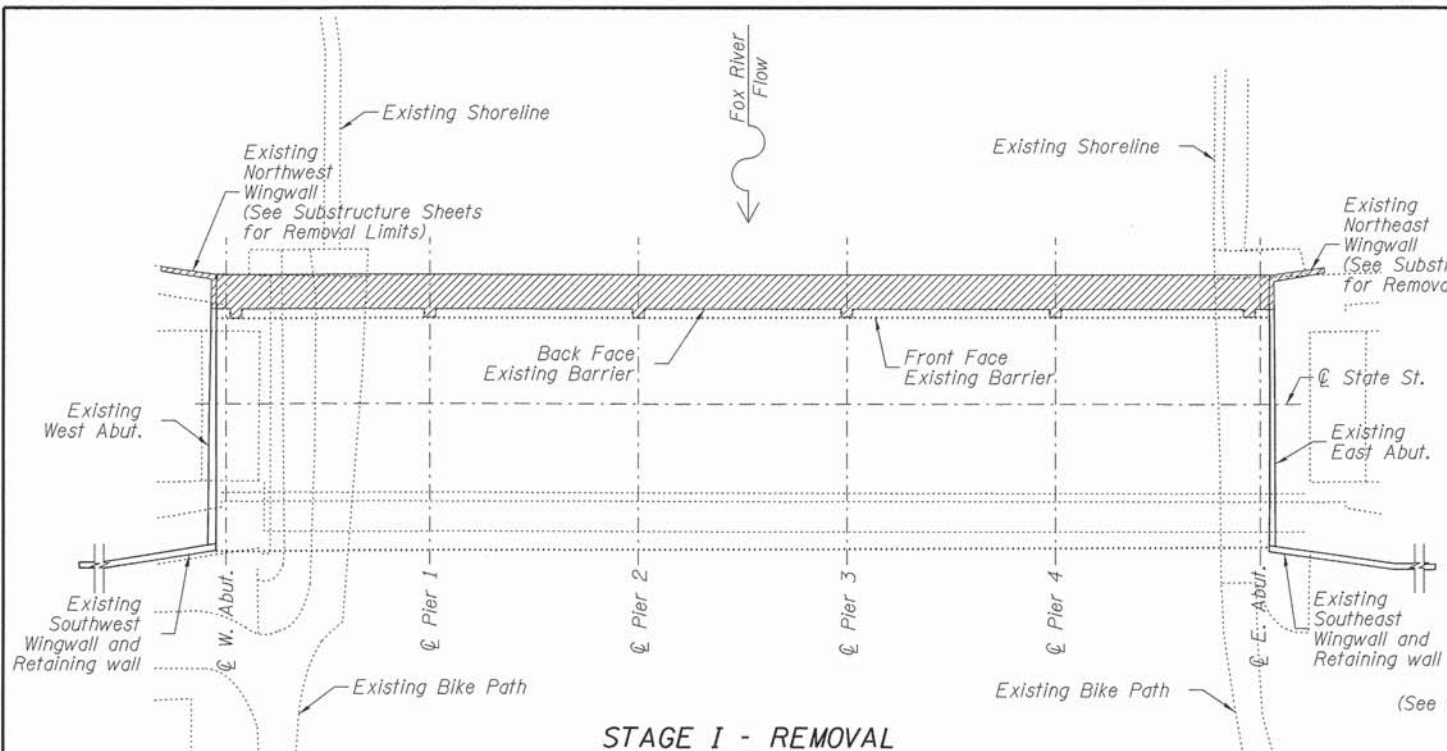
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

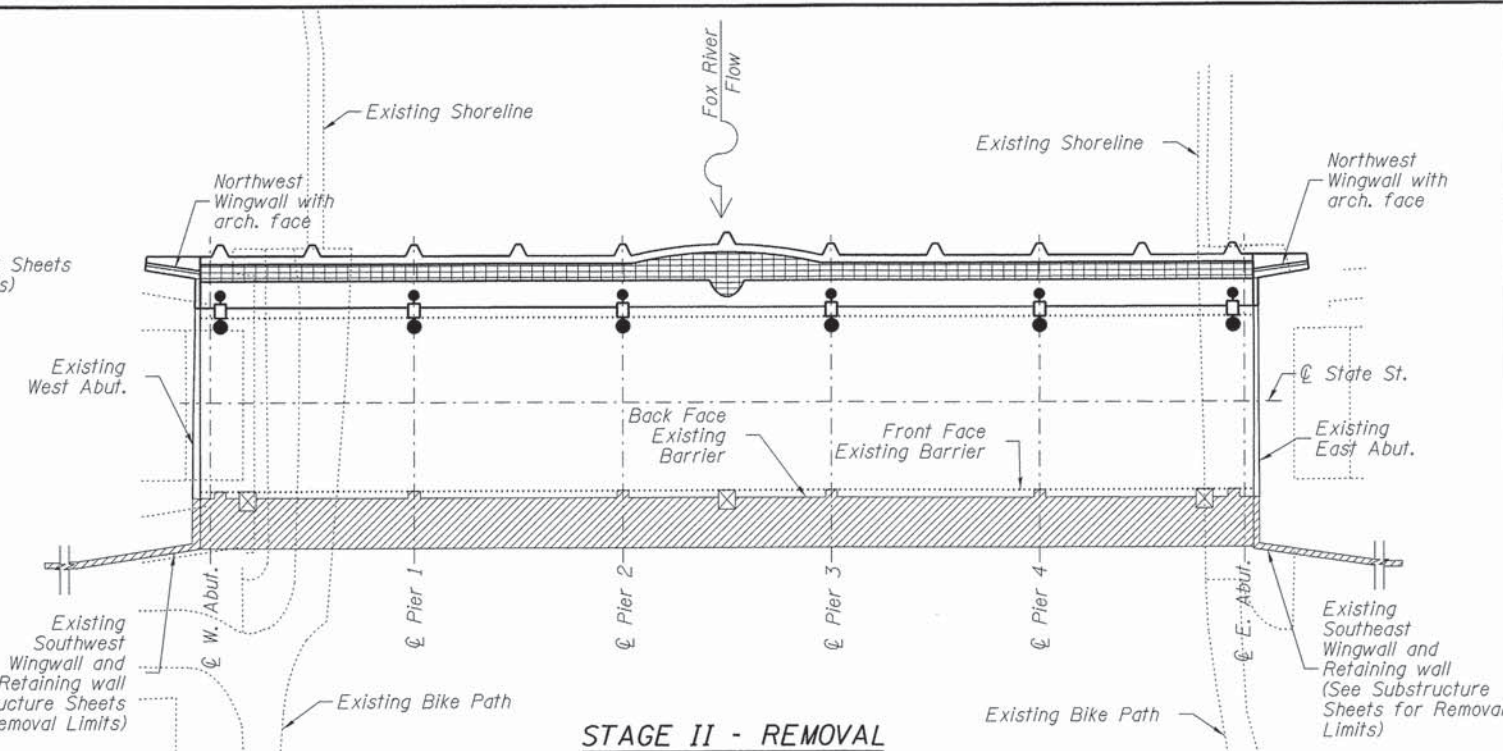
**STAGE CONSTRUCTION AND REMOVAL SEQUENCE III
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**

SHEET NO. 6 OF 25 SHEETS

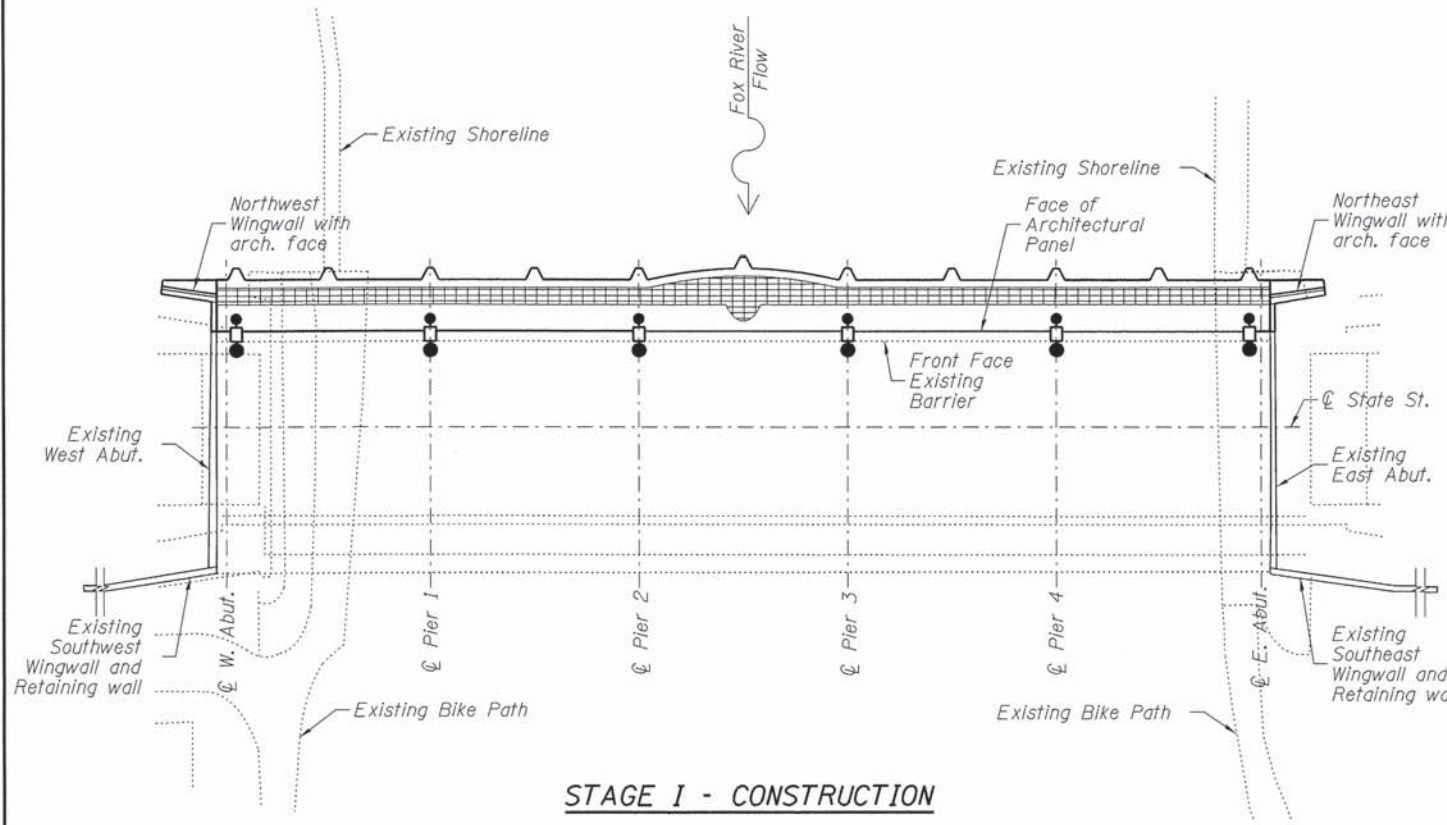
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	30
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
<small>[ILLINOIS] FED. AID PROJECT: TE-000(927)</small>				



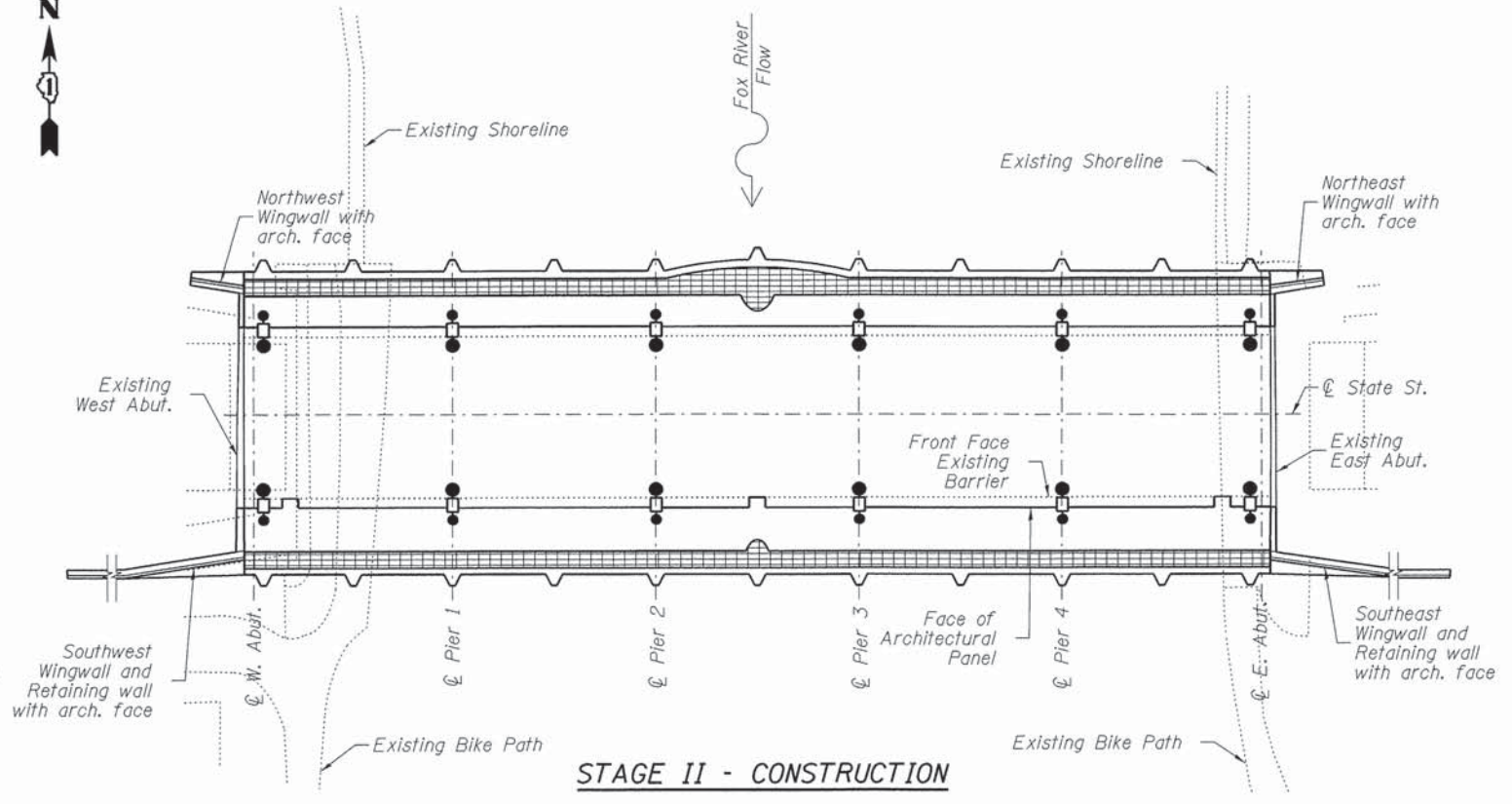
STAGE I - REMOVAL



STAGE II - REMOVAL



STAGE I - CONSTRUCTION



STAGE II - CONSTRUCTION



LEGEND

- Proposed Lighting
- Existing Light Removal
- Removal
- Architectural Pavers

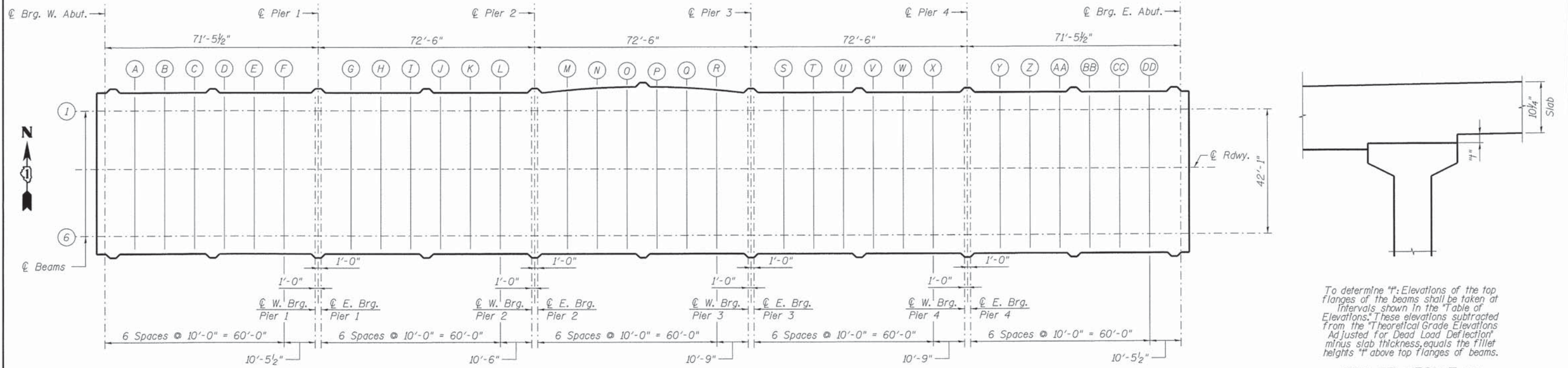
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION & REMOVAL SEQUENCE IV
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**

SHEET NO. 7 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	31
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
<small>ILLINOIS FED. AID PROJECTS TE-00019271</small>				



PLAN

To determine "t": Elevations of the top flanges of the beams shall be taken at intervals shown in the Table of Elevations. These elevations subtracted from the Theoretical Grade Elevations Adjusted for Dead Load Deflection minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHT "t"

BEAM 1

BEAM 1 (Cont'd)

BEAM 6

BEAM 6 (Cont'd)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of W. Abut.	1317.000	-19.542	707.274	707.274	CL W BRG Pier 3	1535.502	-19.542	711.749	711.749	Back of W. Abut.	1317.000	22.542	707.229	707.229	CL W BRG Pier 3	1535.502	22.542	711.704	711.704
CL BRG W. Abut.	1319.792	-19.542	707.414	707.414	CL E BRG Pier 3	1537.002	-19.542	711.734	711.734	CL BRG W. Abut.	1319.792	22.542	707.369	707.369	CL E BRG Pier 3	1537.002	22.542	711.689	711.689
A	1329.792	-19.542	707.900	707.868	S	1547.002	-19.542	711.617	711.589	A	1329.792	22.542	707.855	707.835	S	1547.002	22.542	711.572	711.554
B	1339.792	-19.542	708.359	708.288	T	1557.002	-19.542	711.473	711.407	B	1339.792	22.542	708.314	708.265	T	1557.002	22.542	711.428	711.381
C	1349.792	-19.542	708.790	708.696	U	1567.002	-19.542	711.301	711.213	C	1349.792	22.542	708.745	708.678	U	1567.002	22.542	711.256	711.191
D	1359.792	-19.542	709.194	709.101	V	1577.002	-19.542	711.101	711.012	D	1359.792	22.542	709.149	709.082	V	1577.002	22.542	711.056	710.991
E	1369.792	-19.542	709.569	709.498	W	1587.002	-19.542	710.873	710.805	E	1369.792	22.542	709.524	709.475	W	1587.002	22.542	710.828	710.779
F	1379.792	-19.542	709.917	709.885	X	1597.002	-19.542	710.617	710.586	F	1379.792	22.542	709.872	709.853	X	1597.002	22.542	710.572	710.552
CL W BRG Pier 1	1390.252	-19.542	710.251	710.251	CL W BRG Pier 4	1607.752	-19.542	710.311	710.311	CL W BRG Pier 1	1390.252	22.542	710.206	710.206	CL W BRG Pier 4	1607.752	22.542	710.266	710.266
CL E BRG Pier 1	1392.252	-19.542	710.311	710.311	CL E BRG Pier 4	1609.752	-19.542	710.251	710.251	CL E BRG Pier 1	1392.252	22.542	710.266	710.266	CL E BRG Pier 4	1609.752	22.542	710.206	710.206
G	1402.252	-19.542	710.597	710.569	Y	1619.752	-19.542	709.932	709.900	G	1402.252	22.542	710.552	710.534	Y	1619.752	22.542	709.887	709.867
H	1412.252	-19.542	710.855	710.789	Z	1629.752	-19.542	709.586	709.515	H	1412.252	22.542	710.810	710.763	Z	1629.752	22.542	709.541	709.492
I	1422.252	-19.542	711.084	710.996	AA	1639.752	-19.542	709.211	709.117	I	1422.252	22.542	711.039	710.974	AA	1639.752	22.542	709.166	709.099
J	1432.252	-19.542	711.286	711.197	BB	1649.752	-19.542	708.809	708.716	J	1432.252	22.542	711.241	711.176	BB	1649.752	22.542	708.764	708.697
K	1442.252	-19.542	711.461	711.393	CC	1659.752	-19.542	708.380	708.309	K	1442.252	22.542	711.416	711.367	CC	1659.752	22.542	708.335	708.286
L	1452.252	-19.542	711.607	711.576	DD	1669.752	-19.542	707.922	707.890	L	1452.252	22.542	711.562	711.542	DD	1669.752	22.542	707.877	707.858
CL W BRG Pier 2	1462.752	-19.542	711.731	711.731	CL BRG E. Abut.	1680.212	-19.542	707.414	707.414	CL W BRG Pier 2	1462.752	22.542	711.686	711.686	CL BRG E. Abut.	1680.212	22.542	707.369	707.369
CL E BRG Pier 2	1464.752	-19.542	711.751	711.751	Back of E. Abut.	1683.004	-19.542	707.274	707.274	CL E BRG Pier 2	1464.752	22.542	711.706	711.706	Back of E. Abut.	1683.004	22.542	707.229	707.229
M	1474.752	-19.542	711.835	711.791						M	1474.752	22.542	711.790	711.771					
N	1484.752	-19.542	711.892	711.798						N	1484.752	22.542	711.847	711.799					
O	1494.752	-19.542	711.920	711.797						O	1494.752	22.542	711.875	711.808					
P	1504.752	-19.542	711.921	711.798						P	1504.752	22.542	711.876	711.809					
Q	1514.752	-19.542	711.894	711.797						Q	1514.752	22.542	711.849	711.799					
R	1524.752	-19.542	711.839	711.791						R	1524.752	22.542	711.794	711.773					

Michael Baker INTERNATIONAL

USER NAME =	DESIGNED - JMK	REVISED -
PLOT SCALE =	CHECKED - DFM	REVISED -
PLOT DATE =	DRAWN - EML	REVISED -
	CHECKED - DFM	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATIONS STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128

SHEET NO. 8 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	32
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
ILLINOIS FED. AID PROJECT: TE-000927				

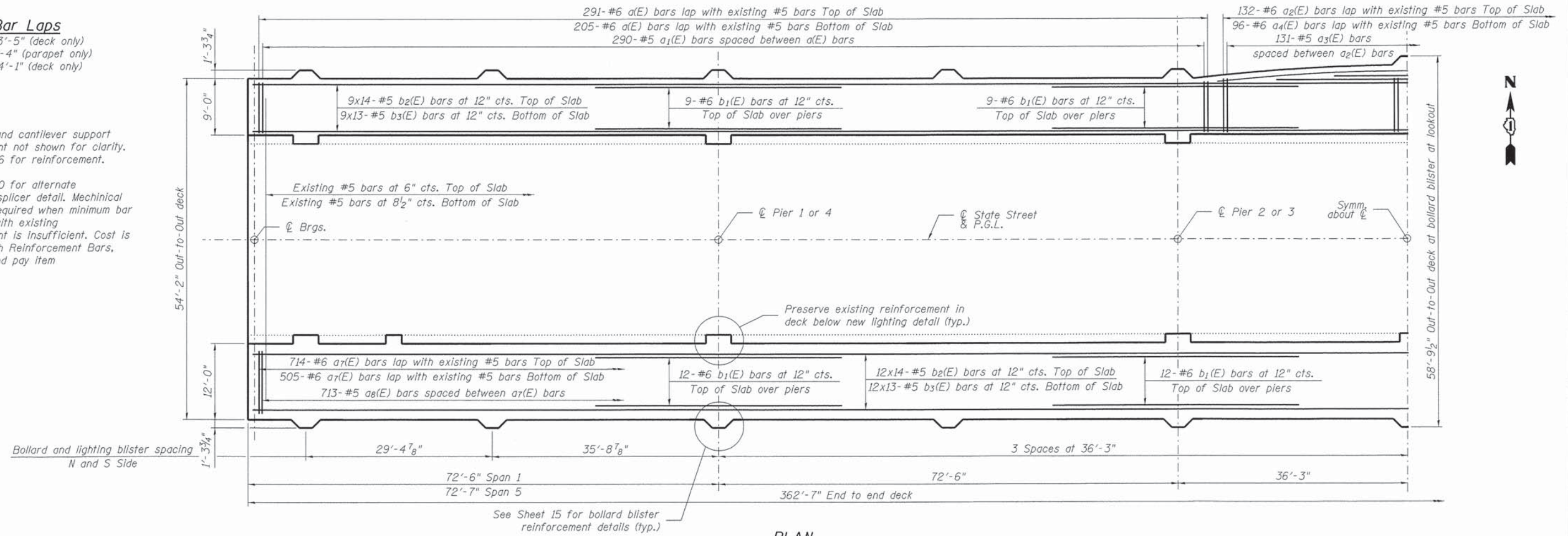
Min Bar Laps

- #5 Bar - 3'-5" (deck only)
- #5 Bar - 2'-4" (parapet only)
- #6 Bar - 4'-1" (deck only)

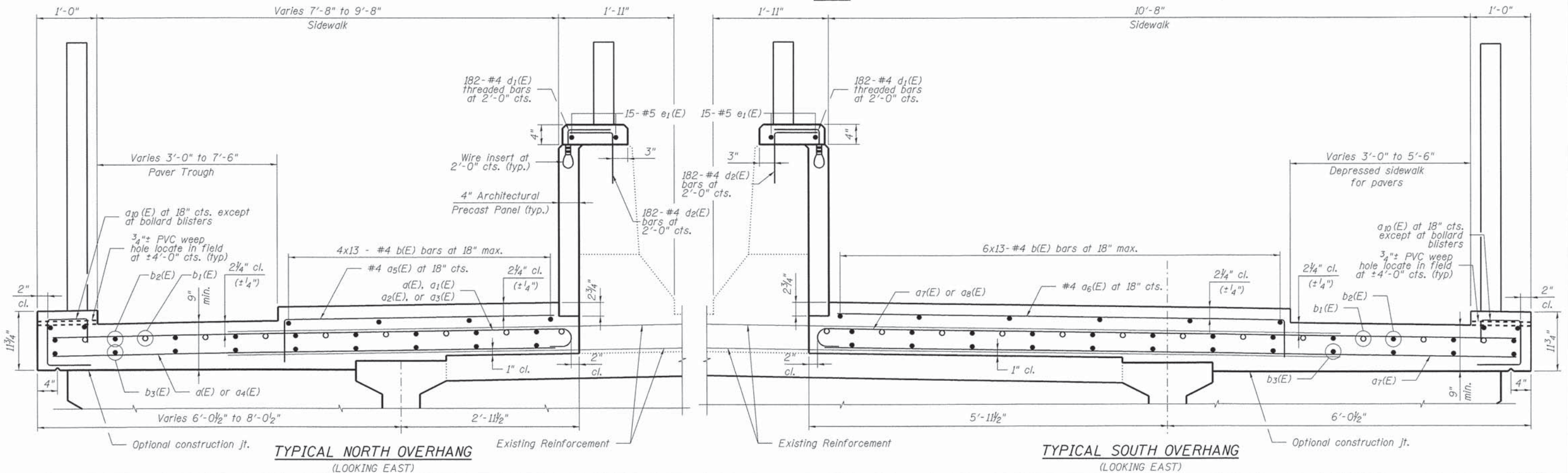
NOTES

Diaphragm and cantilever support reinforcement not shown for clarity. See sheet 16 for reinforcement.

See sheet 10 for alternate mechanical splicer detail. Mechanical splicer is required when minimum bar lap length with existing reinforcement is insufficient. Cost is included with Reinforcement Bars. Epoxy Coated pay item



PLAN



TYPICAL NORTH OVERHANG
(LOOKING EAST)

TYPICAL SOUTH OVERHANG
(LOOKING EAST)

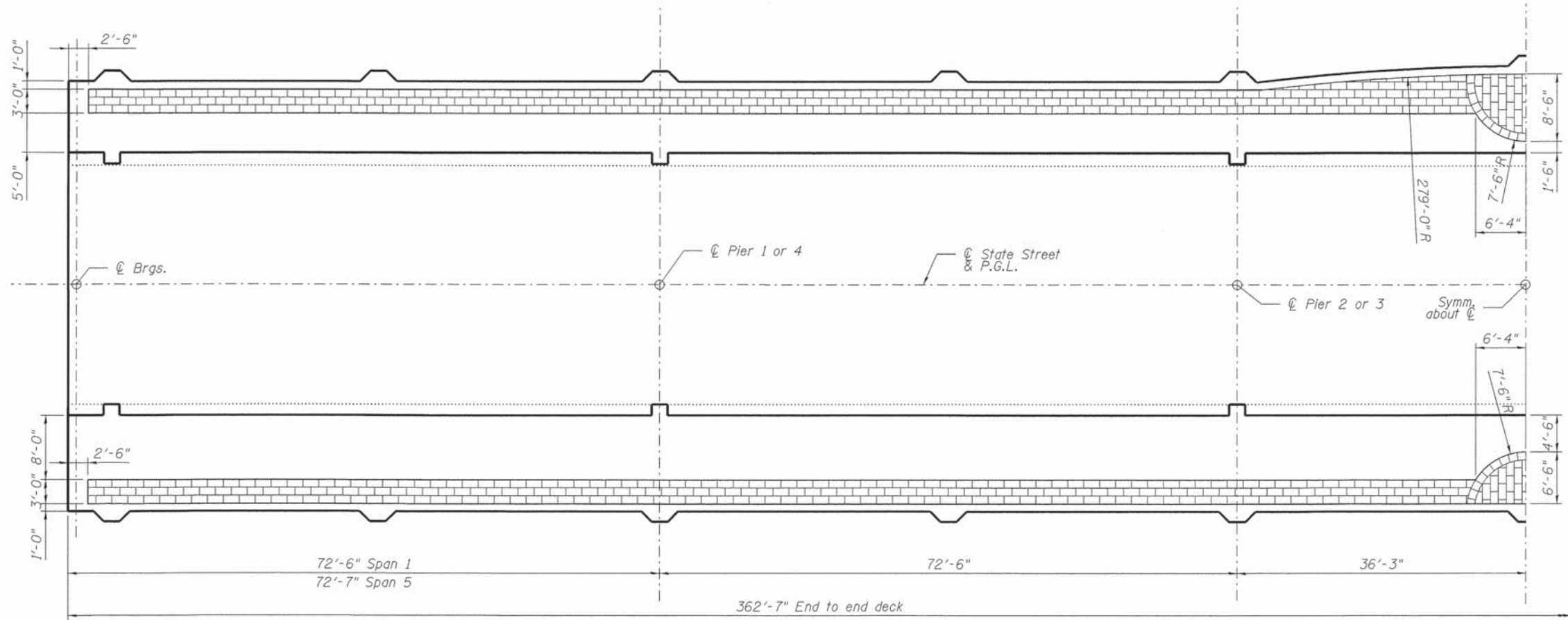
Michael Baker INTERNATIONAL

USER NAME *	DESIGNED - JMK	REVISED -
PLOT SCALE *	CHECKED - DFM	REVISED -
PLOT DATE *	DRAWN - EML	REVISED -
	CHECKED - DFM	REVISED -

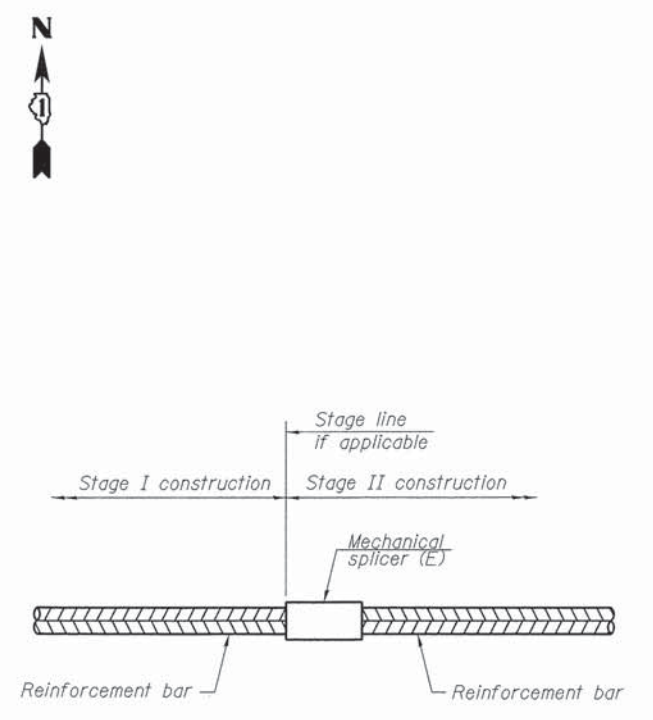
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE PLAN AND CROSS SECTIONS I
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128
SHEET NO. 9 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	33
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
ILLINOIS FED. AID PROJECT: TE-0001927				

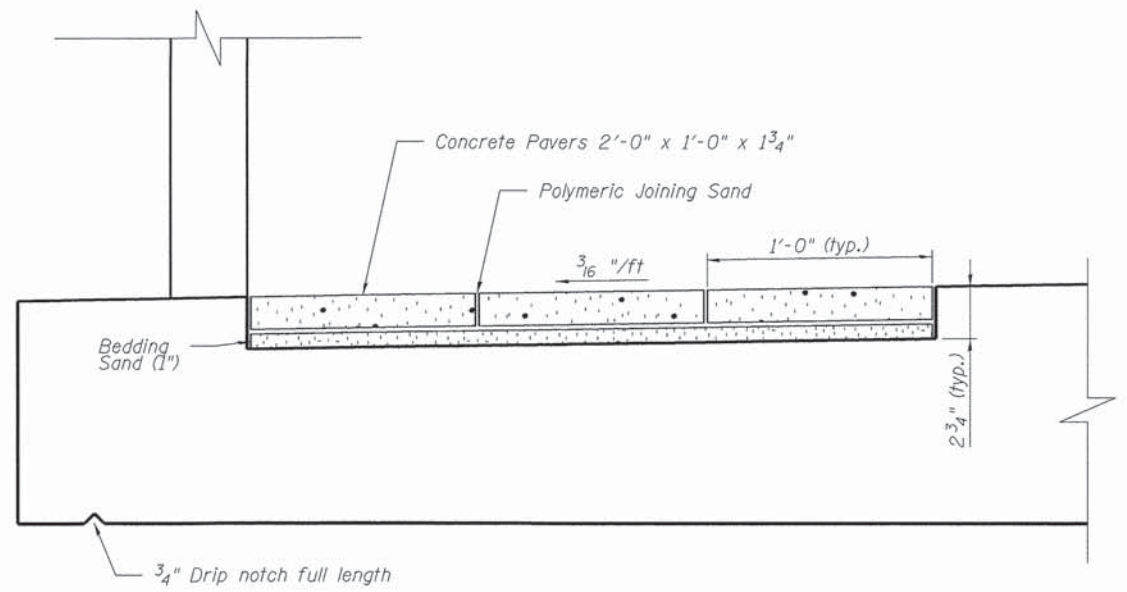


PAVER TROUGH PLAN

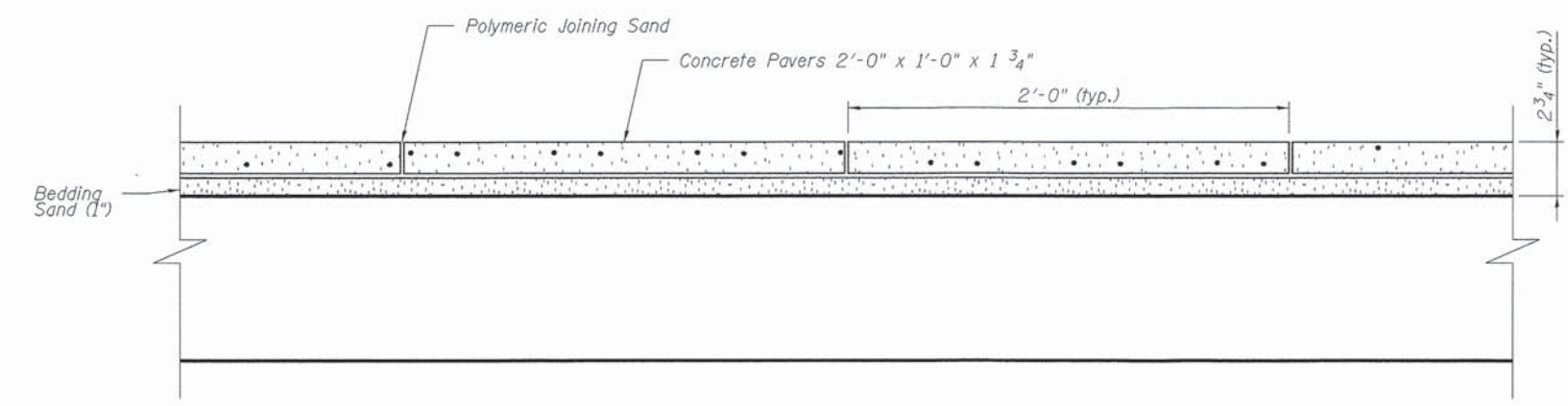


STANDARD MECHANICAL SPLICER

NOTES
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

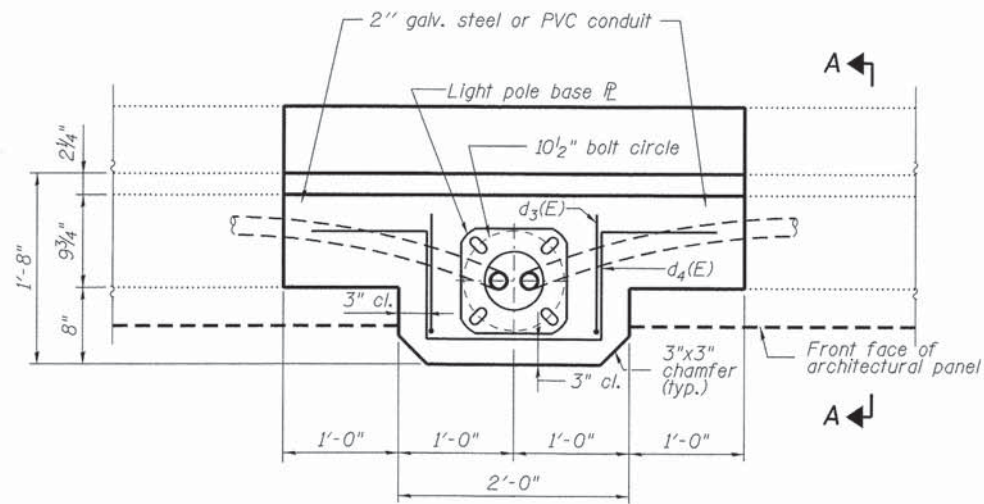


TYPICAL PAVER TRANSVERSE SECTION

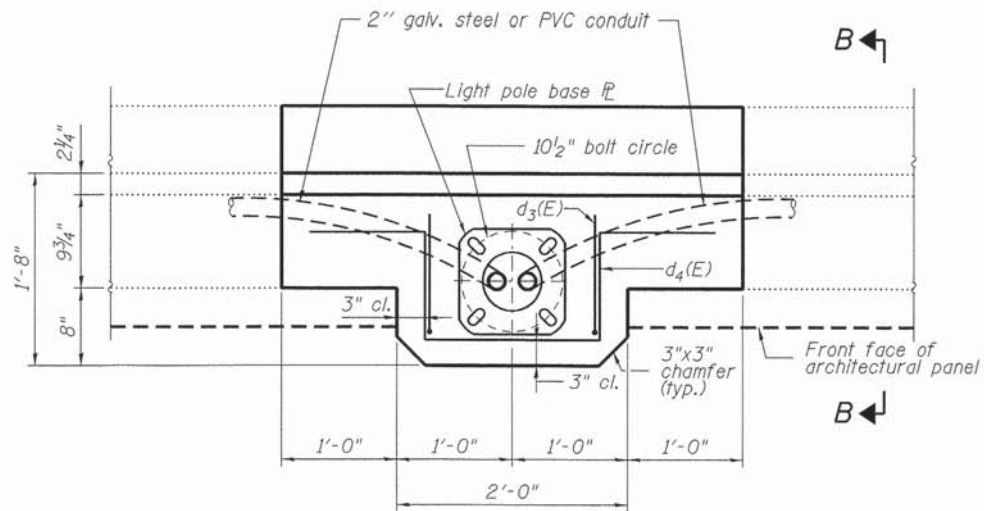


TYPICAL PAVER LONGITUDINAL SECTION

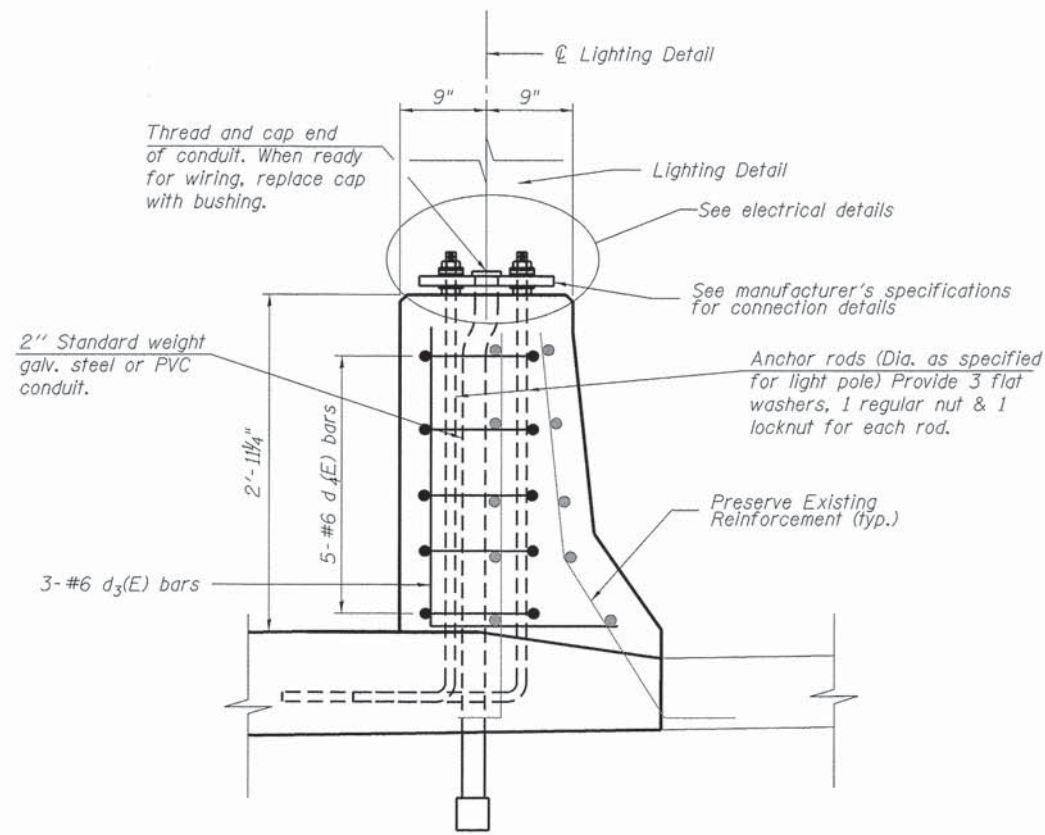
Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE PLAN AND CROSS SECTIONS II STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED - DFM	REVISED -			1343	13-00043-00-BR	KANE	65	34	
	PLOT DATE =	DRAWN - EML	REVISED -			JOB NO. C-91-286-13		CONTRACT NO. 61C17		ILLINOIS FED. AID PROJECT: TE-0001927	
		CHECKED - DFM	REVISED -			SHEET NO. 10 OF 25 SHEETS					



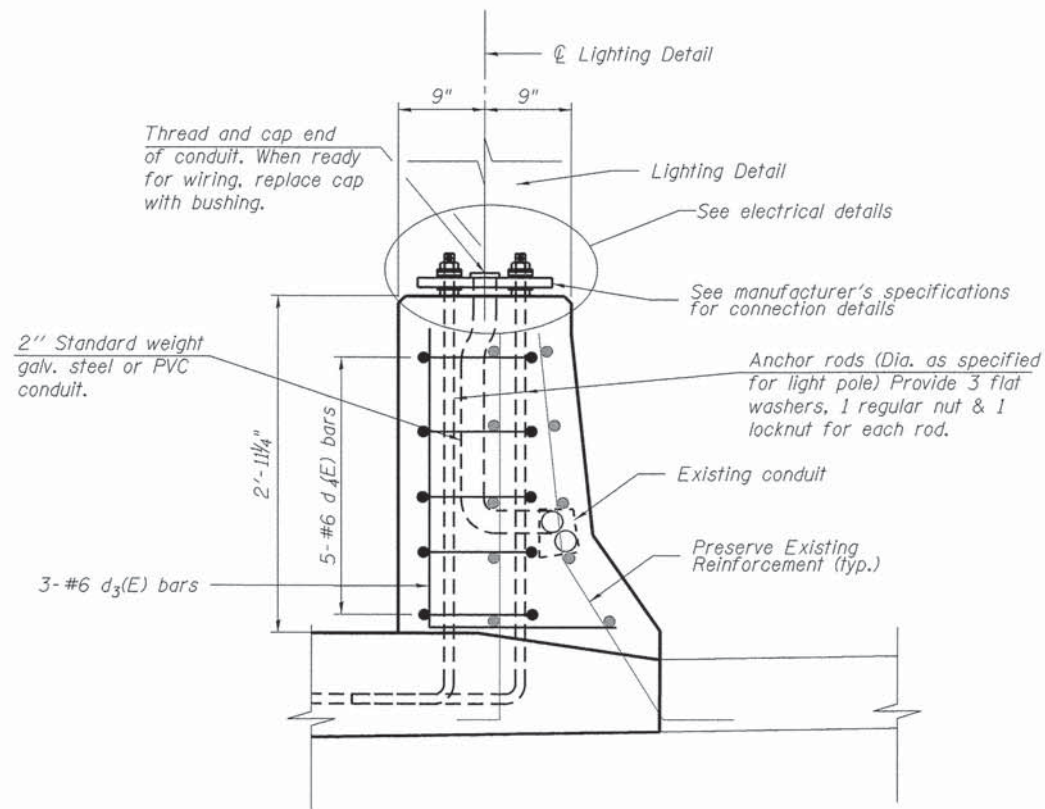
PLAN NORTH PARAPET AT LIGHT POLE



PLAN SOUTH PARAPET AT LIGHT POLE



SECTION A-A

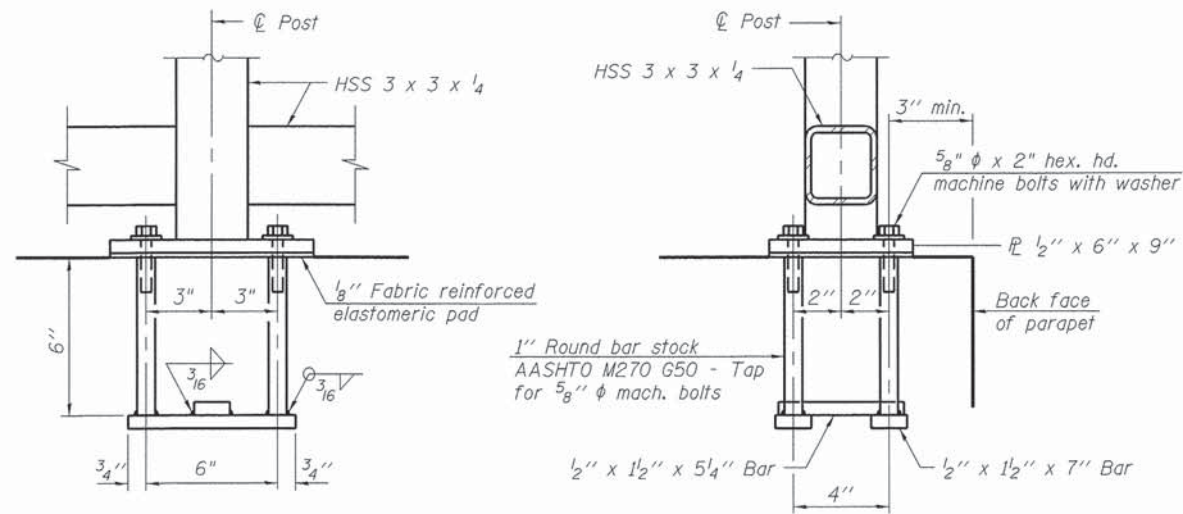


SECTION B-B

NOTES

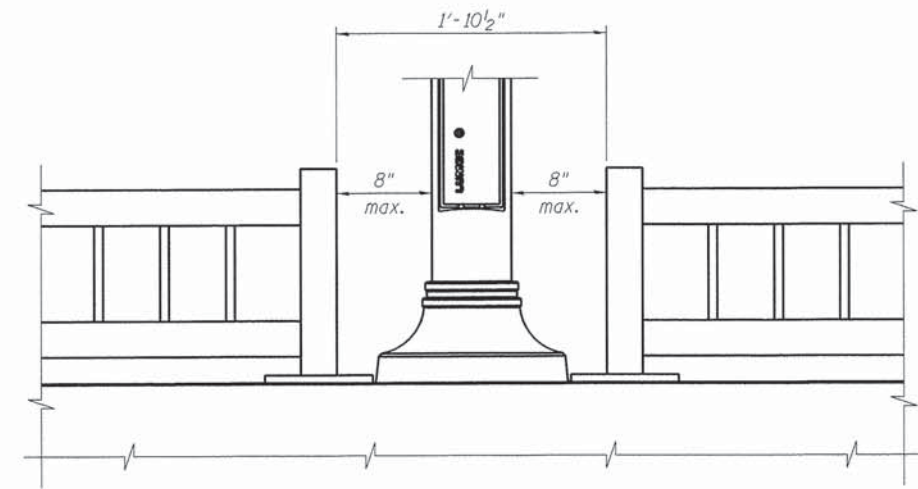
Cost of anchor rods and conduit is included with Concrete Superstructure.

Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED - DFM	REVISED -			1343	13-00043-00-BR	KANE	65	35	
	PLOT DATE =	DRAWN - EML	REVISED -			JOB NO. C-91-286-13		CONTRACT NO. 61C17		ILLINOIS FED. AID PROJECT: TE-00019271	
		CHECKED - DFM	REVISED -			SHEET NO. 11 OF 25 SHEETS					

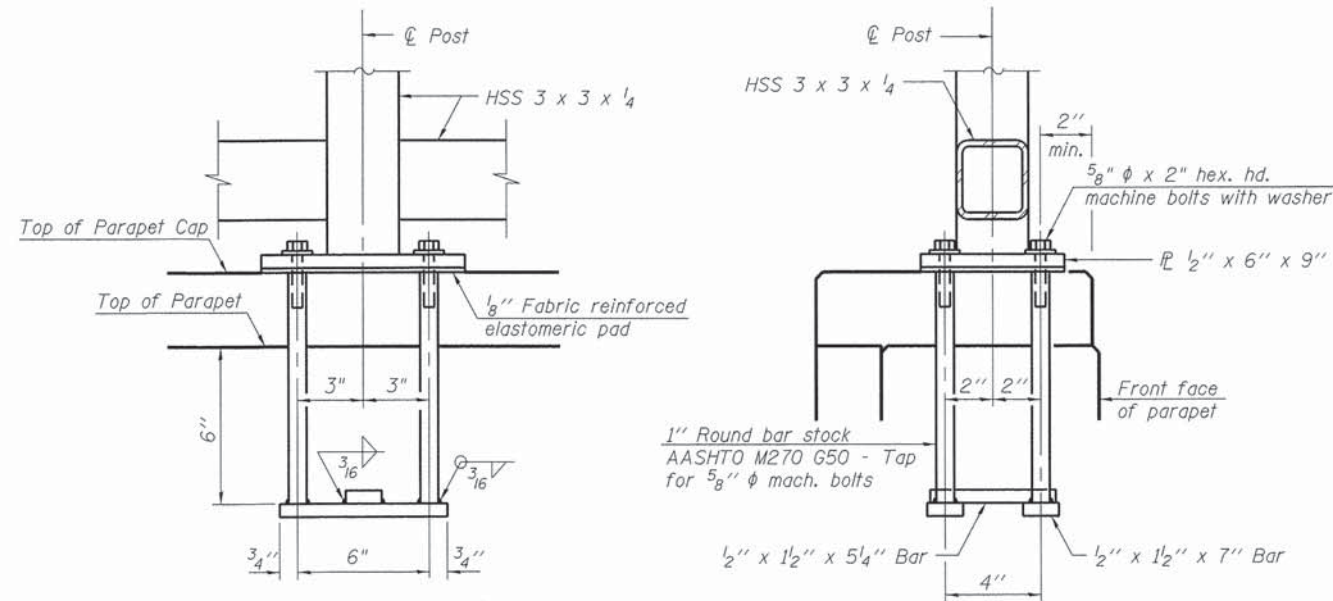


ANCHOR BOLT DETAILS FOR BICYCLE RAILING

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

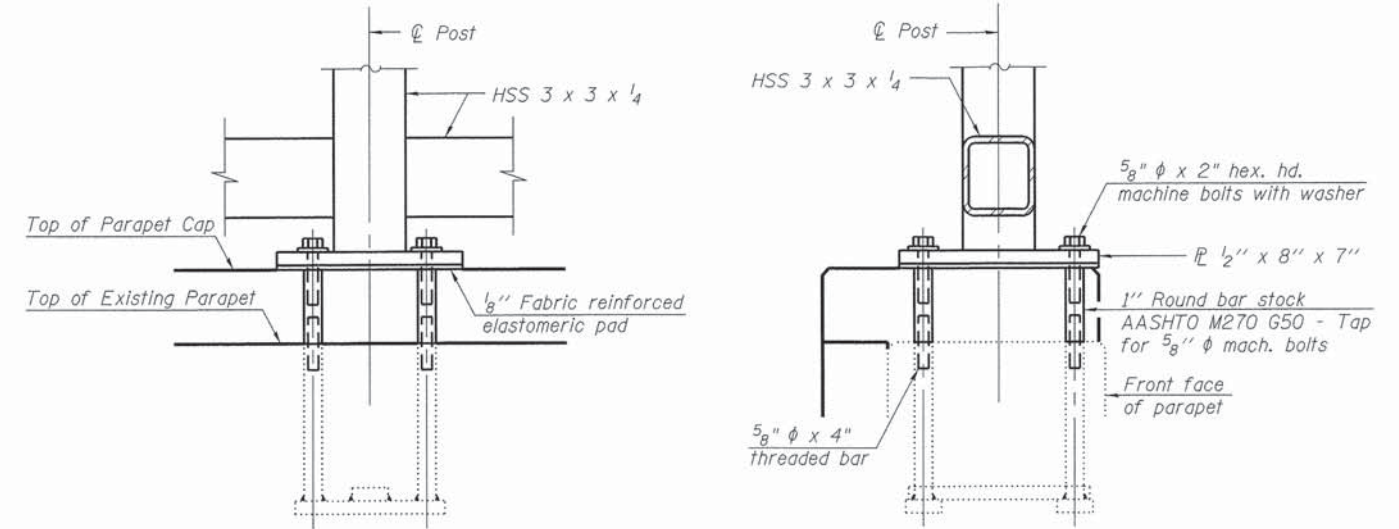


DETAIL F



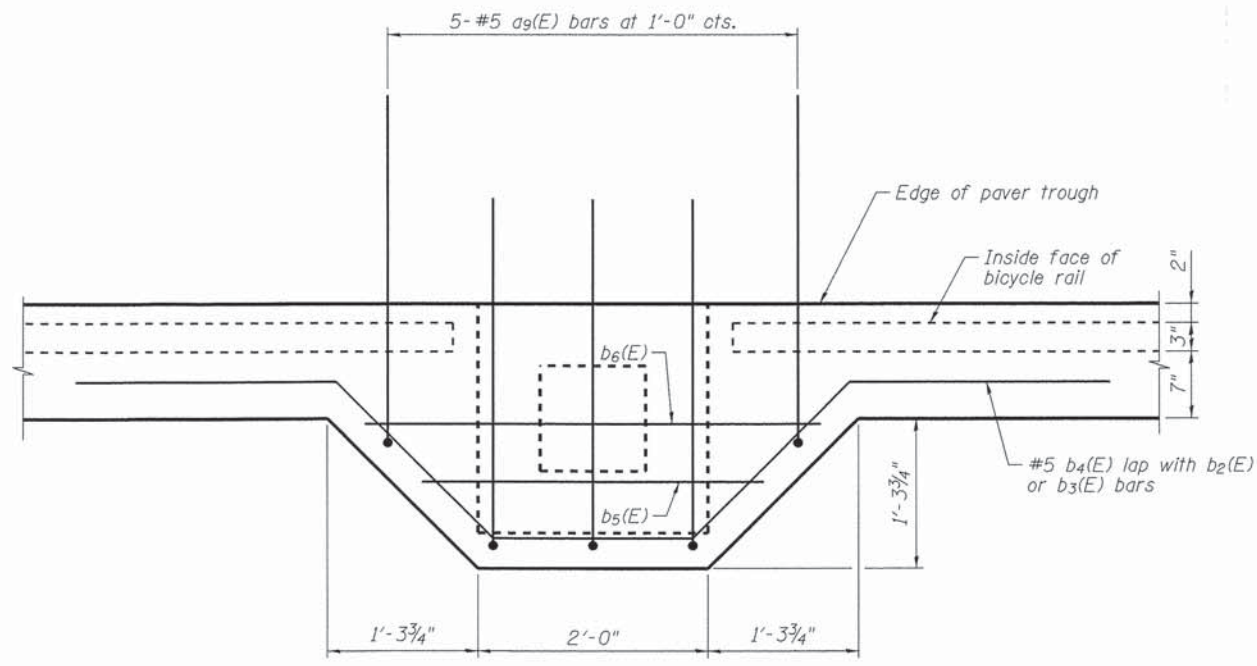
ANCHOR BOLT DETAILS FOR PARAPET RAILING

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

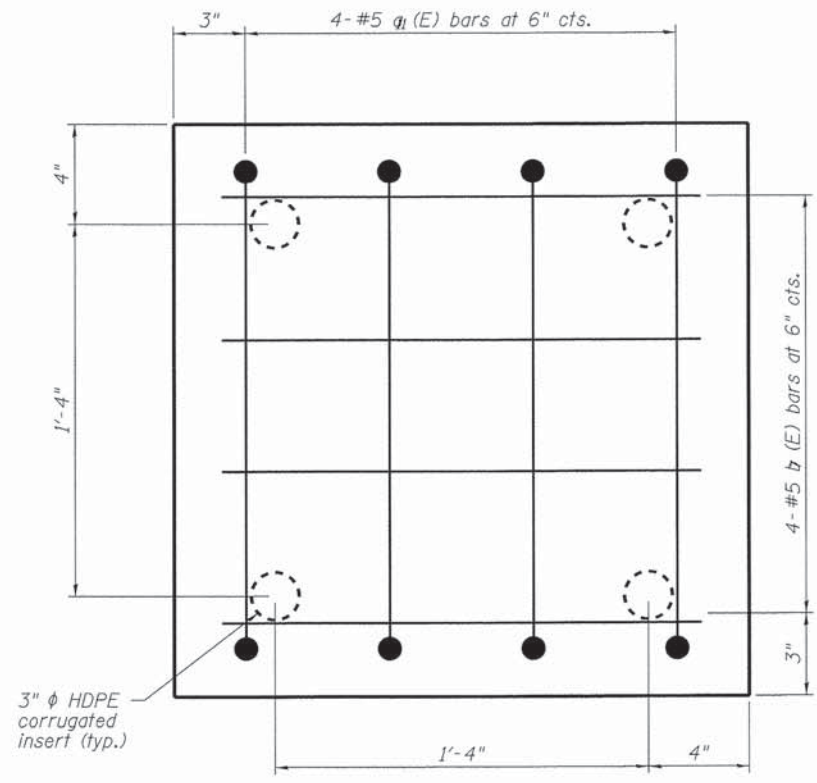


ANCHOR BOLT DETAILS UTILIZING EXISTING ANCHORAGE FOR PARAPET RAILING

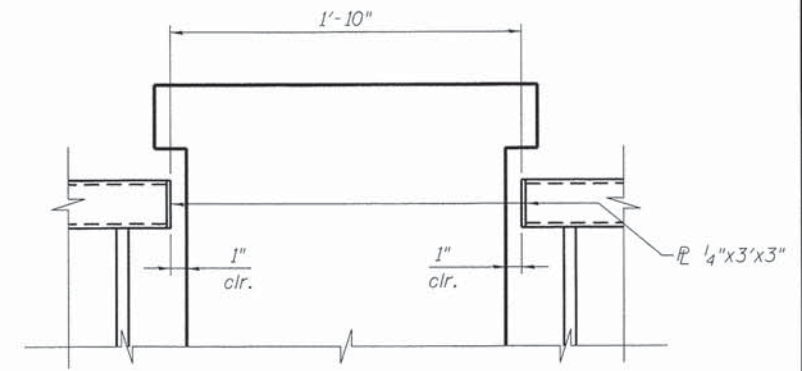
Preserve existing parapet railing anchor bolts for use in installing new parapet railing. Install 5/8" ϕ threaded bar and tapped 1" round bar stock prior to casting parapet cap.



BOLLARD BLISTER DETAILS

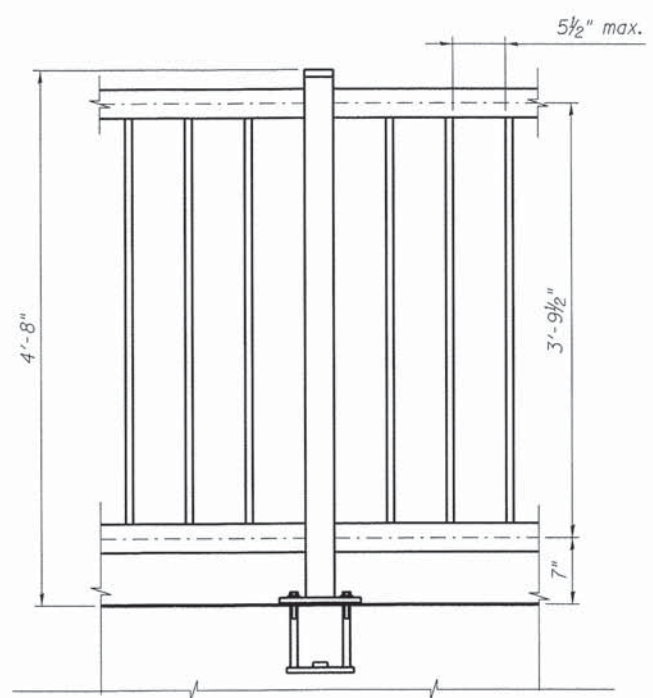


BOLLARD BASE PLAN

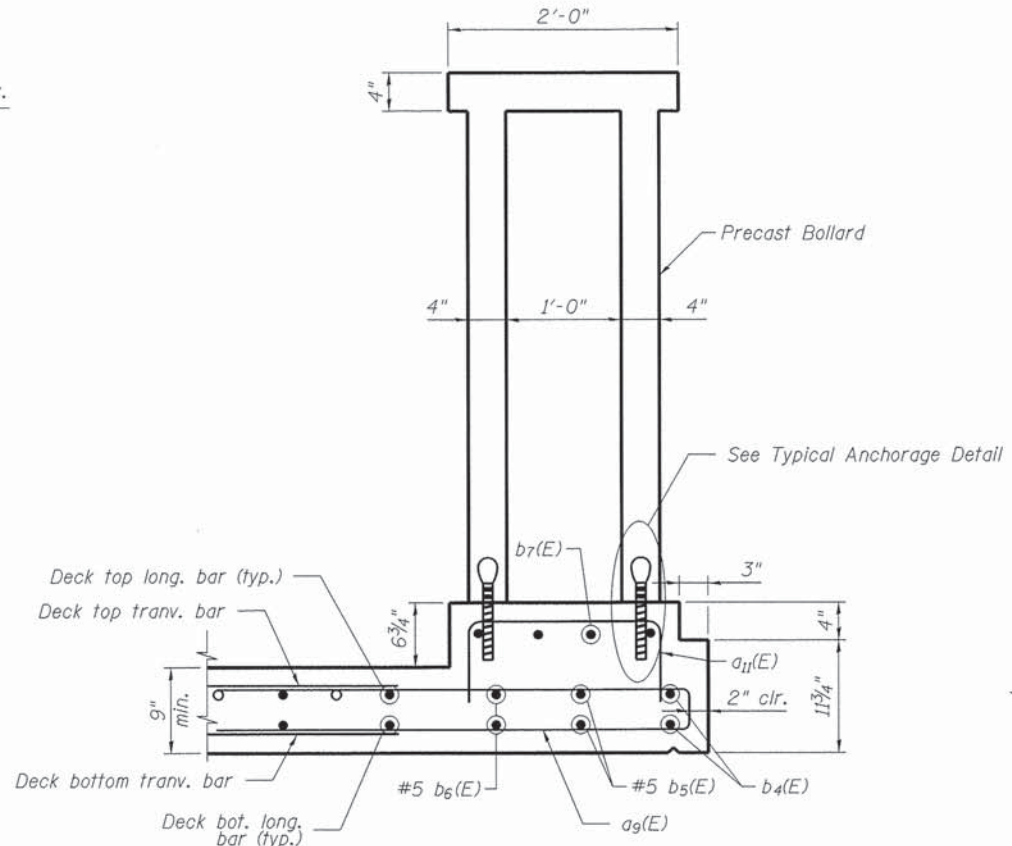


DETAIL E

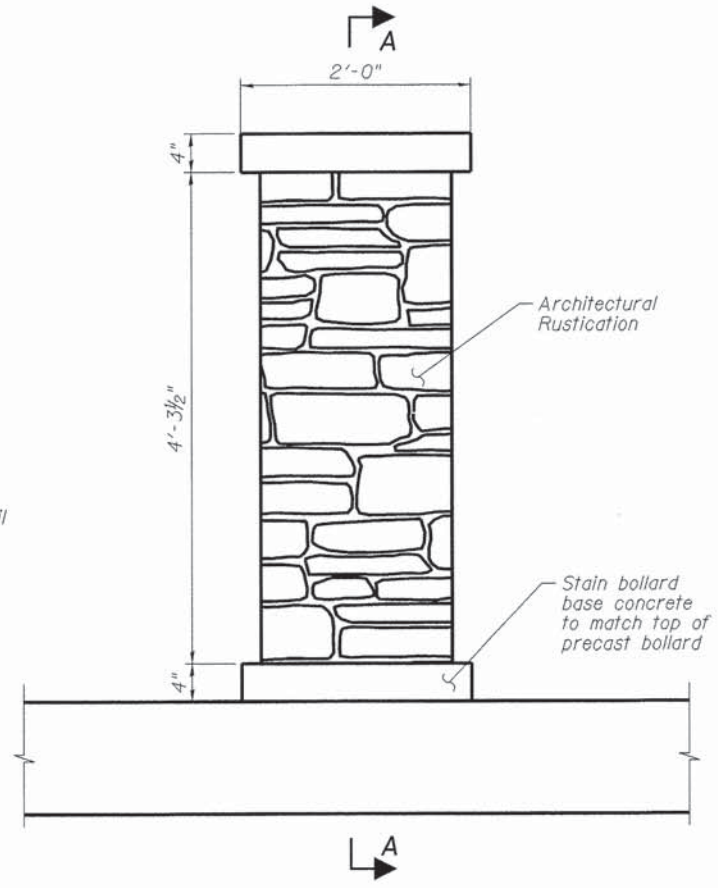
MIN. BAR LAPS
#5 BAR - 2'-4"



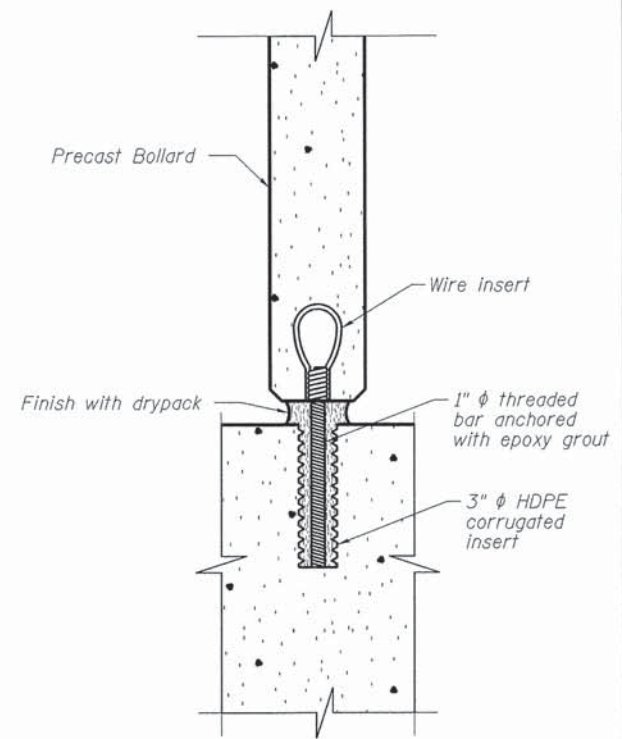
BICYCLE RAIL ELEVATION



SECTION A-A

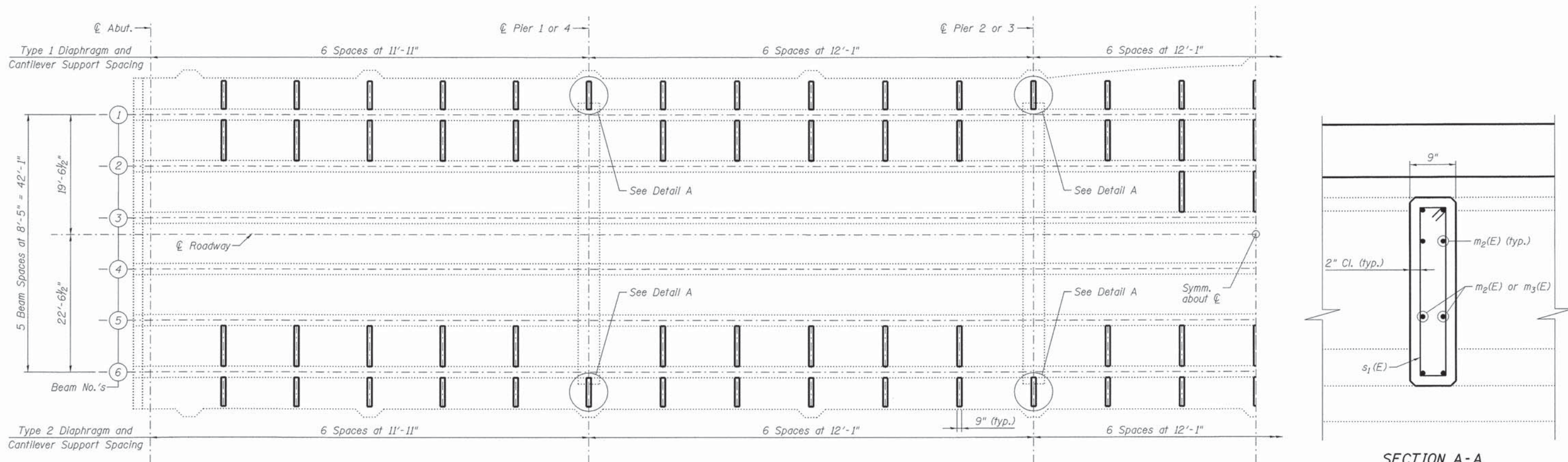


BOLLARD ELEVATION



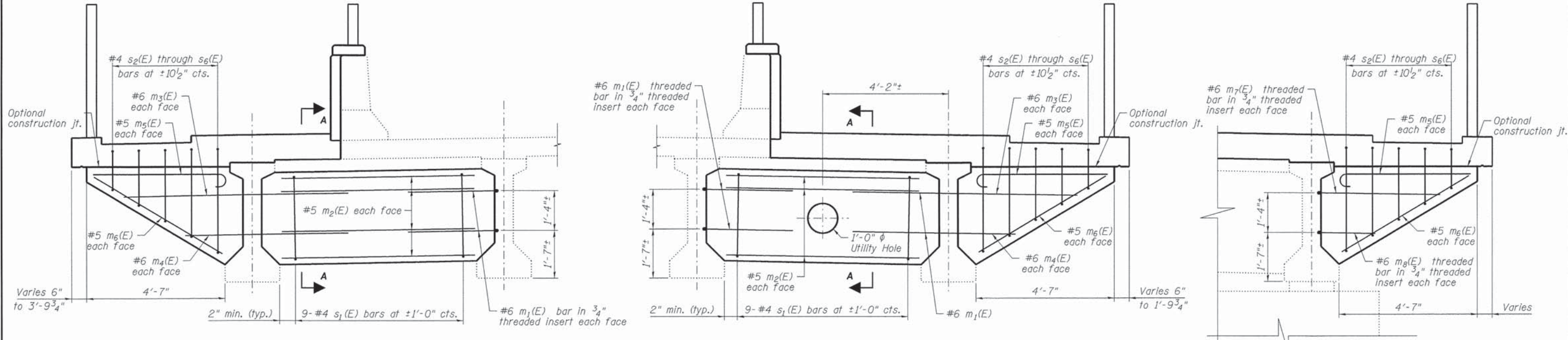
TYPICAL ANCHORAGE DETAIL

Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE RAILING DETAILS IV STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128		F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 39	
	PLOT SCALE =	DRAWN - EML	REVISED -		SHEET NO. 15 OF 25 SHEETS		JOB NO. C-91-286-13	ILLINOIS FED. AID PROJECT: TE-0001927		CONTRACT NO. 61C17		
	PLOT DATE =	CHECKED - DFM	REVISED -									



FRAMING PLAN
(Showing proposed diaphragms and overhang supports)

SECTION A-A



DIAPHRAGM AND CANTILEVER SUPPORT TYPE 1

DIAPHRAGM AND CANTILEVER SUPPORT TYPE 2

DETAIL A

Diaphragms between girders 2 and 3 are similar but with threaded insert detail in both girders

NOTES

Contractor to verify locations of prestressing strands in order to avoid installing threaded inserts at prestressing strand locations.
Diaphragms shall be cast prior to casting deck.

Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERMEDIATE DIAPHRAGMS STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128	F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 40
	PLOT SCALE =	DRAWN - EML	REVISED -			JOB NO. C-91-286-13	CONTRACT NO. 61C17			
	PLOT DATE =	CHECKED - DFM	REVISED -			ILLINOIS FED. AID PROJECT: TE-00D9271				
	SHEET NO. 16 OF 25 SHEETS									

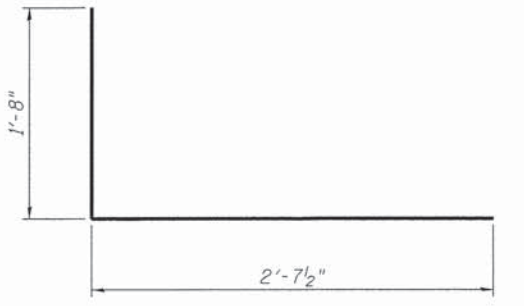
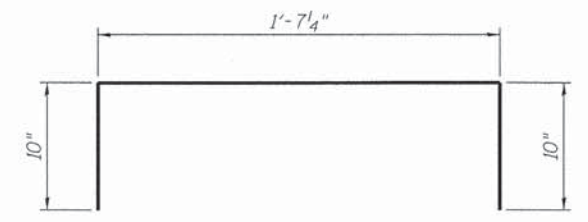
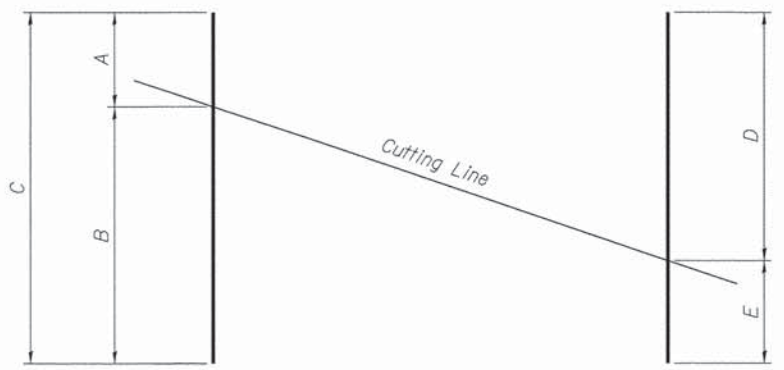
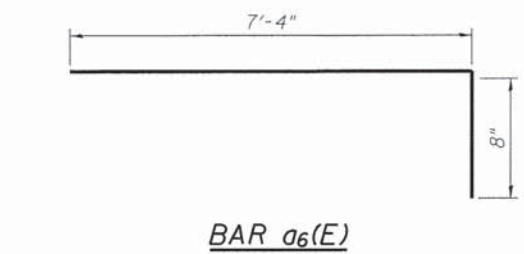
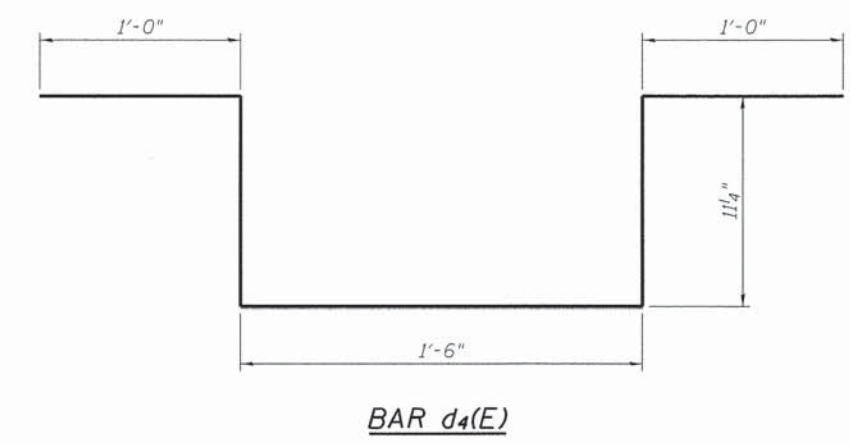
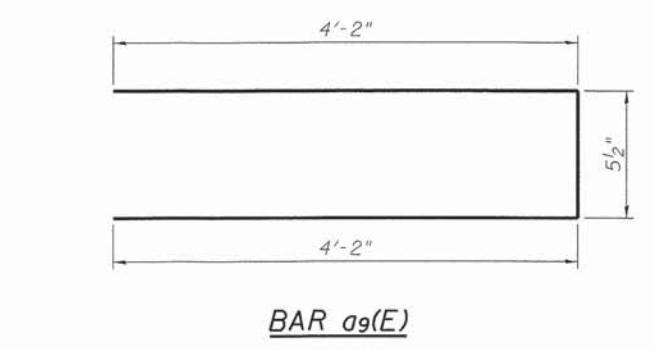
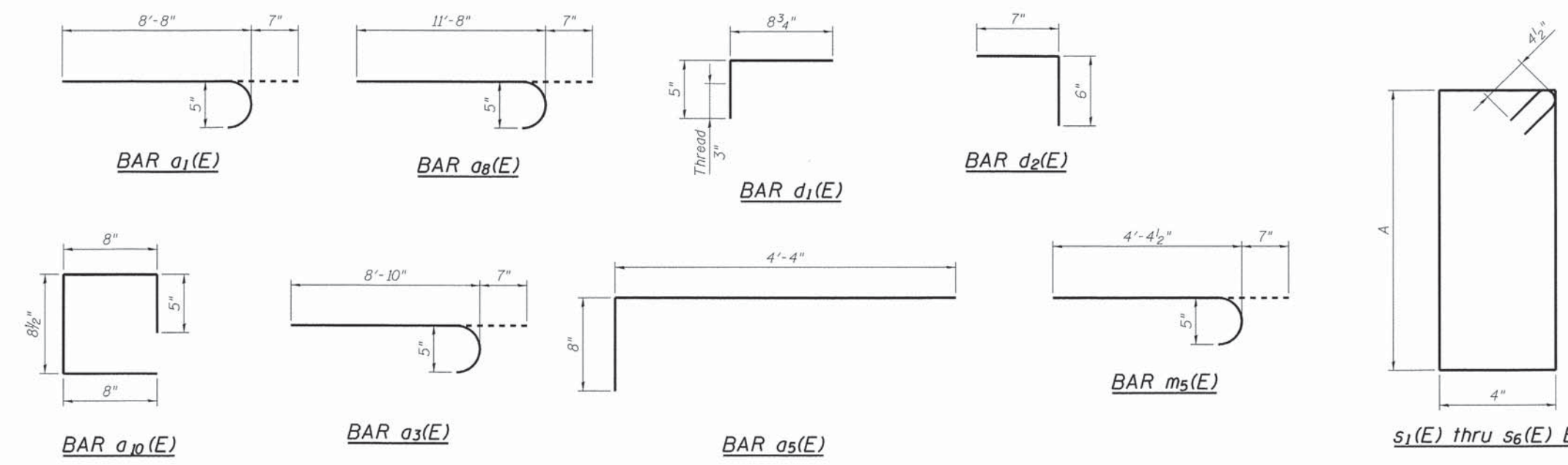
BILL OF MATERIAL

Bar	A
s ₁ (E)	2'-8"
s ₂ (E)	3'-5 1/2"
s ₃ (E)	2'-11"
s ₄ (E)	2'-4 1/2"
s ₅ (E)	1'-10"
s ₆ (E)	1'-3 1/2"

Bar	No.	Size	Length	Shape
a(E)	992	#6	8'-8"	
a ₁ (E)	580	#5	9'-3"	
a ₂ (E)	66	#6	19'-4"	
a ₃ (E)	131	#5	9'-5"	
a ₄ (E)	48	#6	19'-4"	
a ₅ (E)	242	#4	5'-0"	
a ₆ (E)	242	#4	8'-0"	
a ₇ (E)	1219	#6	11'-8"	
a ₈ (E)	713	#5	12'-3"	
a ₉ (E)	110	#5	8'-9 1/2"	
a ₁₀ (E)	456	#4	2'-5 1/2"	
a ₁₁ (E)	88	#5	3'-3 1/4"	
b(E)	130	#4	29'-8"	
b ₁ (E)	84	#6	29'-6"	
b ₂ (E)	294	#5	28'-1"	
b ₃ (E)	273	#5	30'-0"	
b ₄ (E)	44	#5	10'-5 1/2"	
b ₅ (E)	44	#5	3'-1"	
b ₆ (E)	44	#5	4'-3"	
b ₇ (E)	88	#5	1'-7"	
d ₁ (E)	368	#4	1'-1 3/4"	
d ₂ (E)	368	#4	1'-1"	
d ₃ (E)	36	#6	4'-3 1/2"	
d ₄ (E)	60	#6	5'-4 1/2"	
e ₁ (E)	60	#5	26'-4"	
m ₁ (E)	224	#6	3'-0"	
m ₂ (E)	374	#5	6'-5"	
m ₃ (E)	100	#6	7'-6"	
m ₄ (E)	100	#6	5'-5"	
m ₅ (E)	116	#5	4'-1 1/2"	
m ₆ (E)	116	#5	5'-0"	
m ₇ (E)	16	#6	4'-0"	
m ₈ (E)	16	#6	1'-11"	
s ₁ (E)	477	#4	6'-9"	
s ₂ (E)	58	#4	8'-4"	
s ₃ (E)	58	#4	7'-3"	
s ₄ (E)	58	#4	6'-2"	
s ₅ (E)	58	#4	5'-1"	
s ₆ (E)	58	#4	4'-0"	

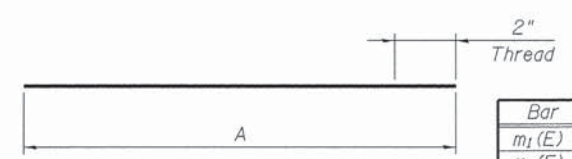
Reinforcement Bars, Epoxy Coated	Pound	95210
Concrete Superstructure	Cu. Yds.	338

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.



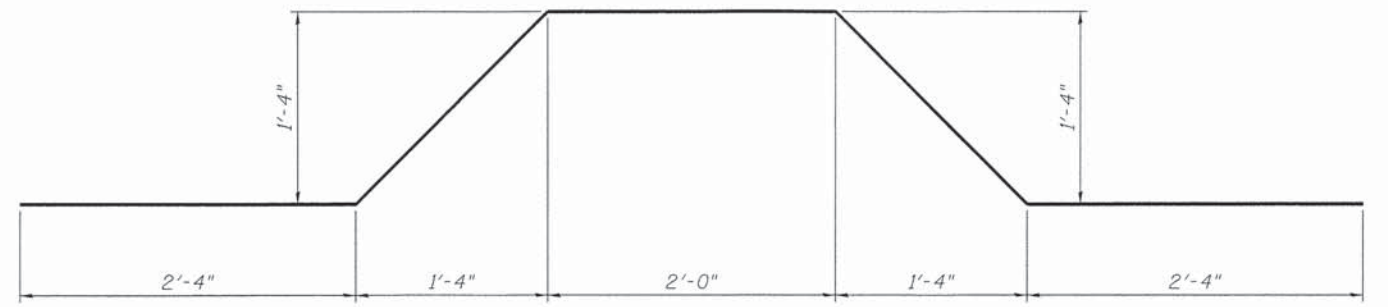
Bar	A	B	C	D	E
a ₂ (E)	8'-8"	10'-8"	19'-4"	10'-8"	8'-8"
a ₄ (E)	8'-8"	10'-8"	19'-4"	10'-8"	8'-8"

BAR a₂(E) and a₄(E)



Bar	A
m ₁ (E)	3'-0"
m ₇ (E)	4'-1"
m ₈ (E)	1'-11"

BAR m₁(E), m₇(E), and m₈(E)



BAR b₄(E)

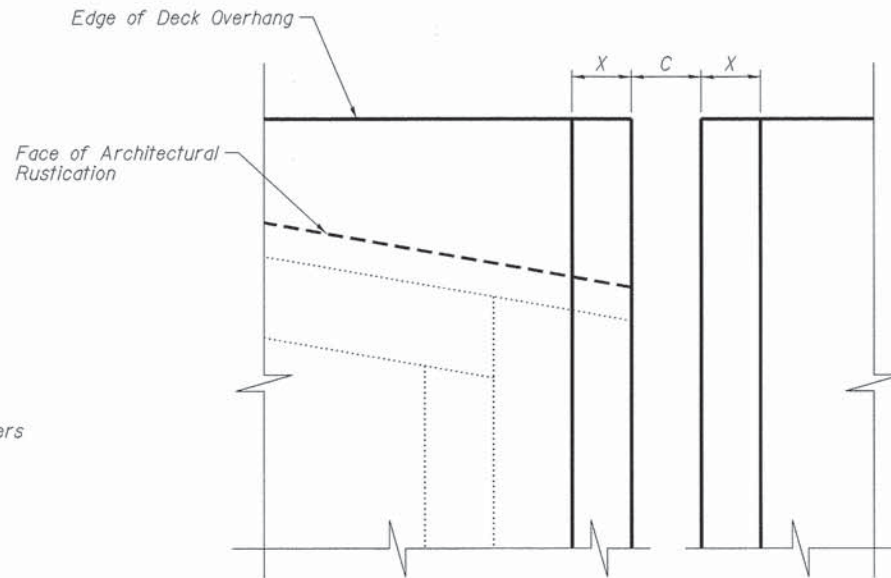
Joint Size	"C" at 50°F	"D" at 50°F	Location
2	2"	1 1/2" min.	East Abut.
4	3"	2 1/2" min.	West Abut.

INSTALLATION NOTES

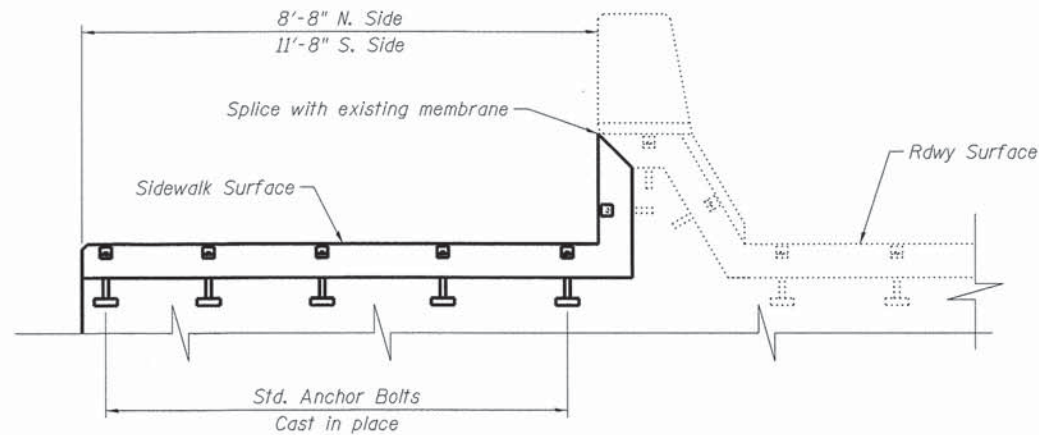
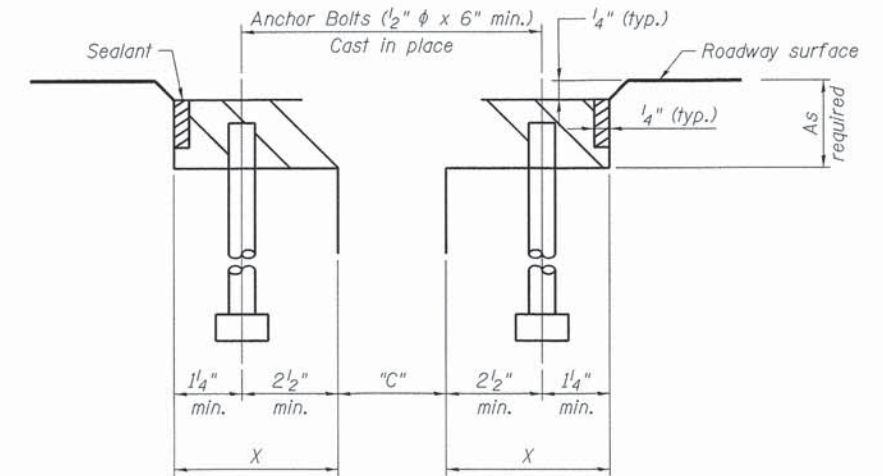
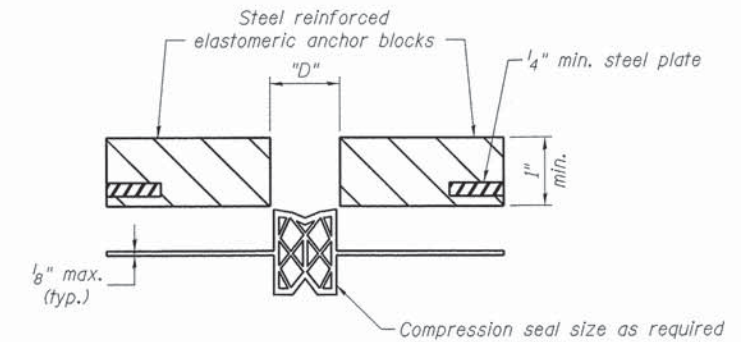
Use anchor blocks and preformed joint seal as anchor bolt location templates.

1. Install continuous preformed joint seal in sidewalk.
2. Splice with existing seal at parapet.
3. Install anchor blocks as indicated.

NOTE A - Maximum spacing of anchor bolts shall be 12" centers



FORMING BLOCKOUT SKETCH



TYPICAL END TREATMENT

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Neoprene Expansion Joint 2"	Ln.Ft.	22.5
Neoprene Expansion Joint 4"	Ln.Ft.	22.5

NOTES

Continuous Seal Neoprene Expansion Joint shall consist of modded anchor blocks of elastomer and steel, field assembled over continuous lengths of elastomeric membrane.

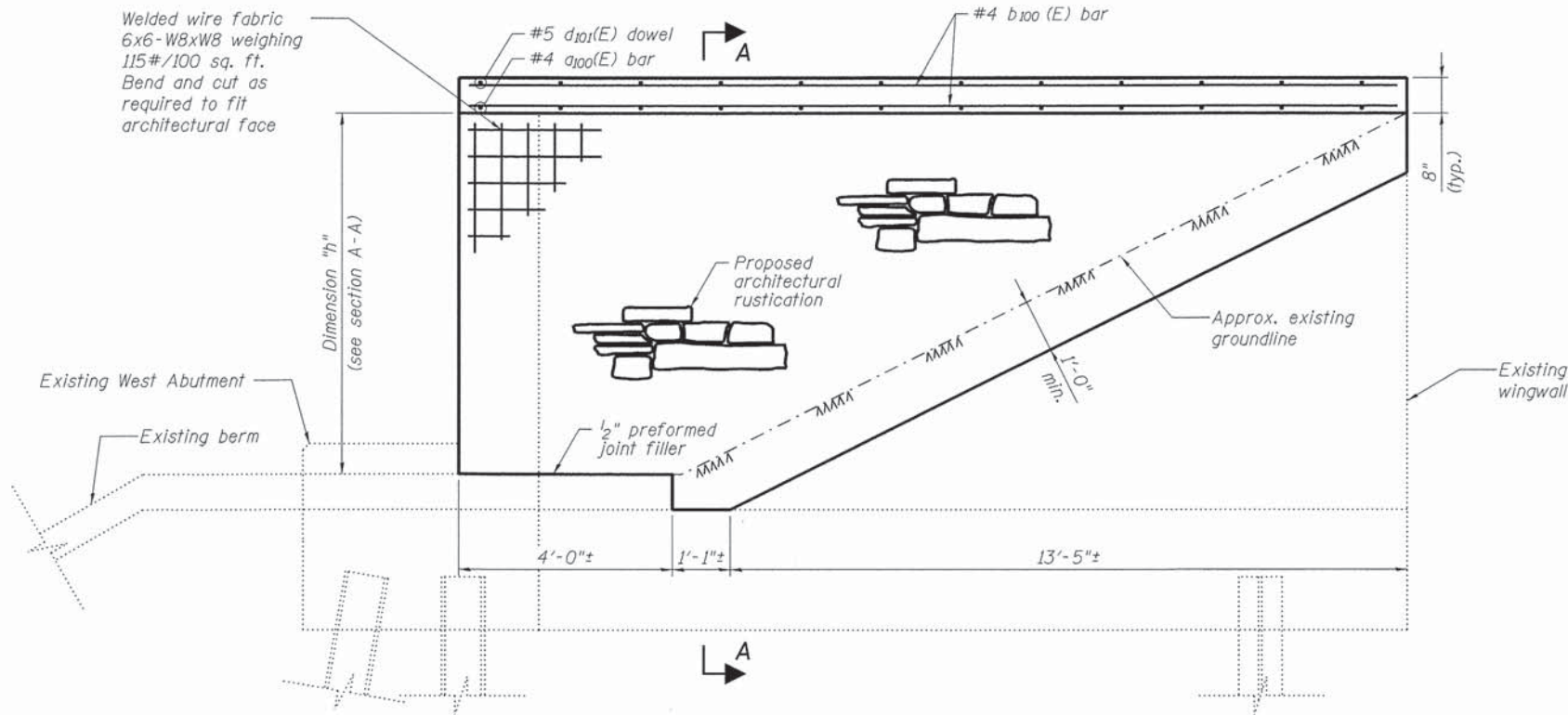
The elastomeric membrane shall be a preformed compression seal that will have a "memory" to return to its molded position upon joint closure.

The steel reinforcement must extend up the back face anchor blocks when asphalt surfaces are used but is optional in concrete blockout.

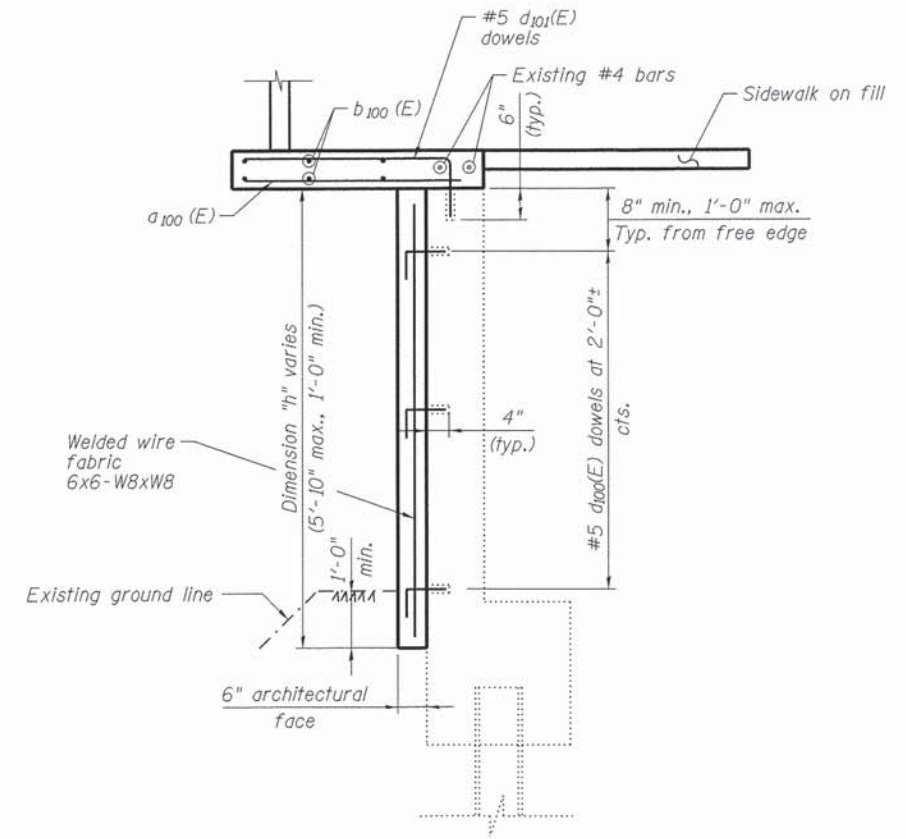
The convolution length shall be such that the extended length will not be greater than the manufactured length when the joint is fully expanded in its design range and will not protrude above the anchor blocks when the joint is fully compressed.

Joint openings shall be adjusted in accordance with Article 503.07(c) of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

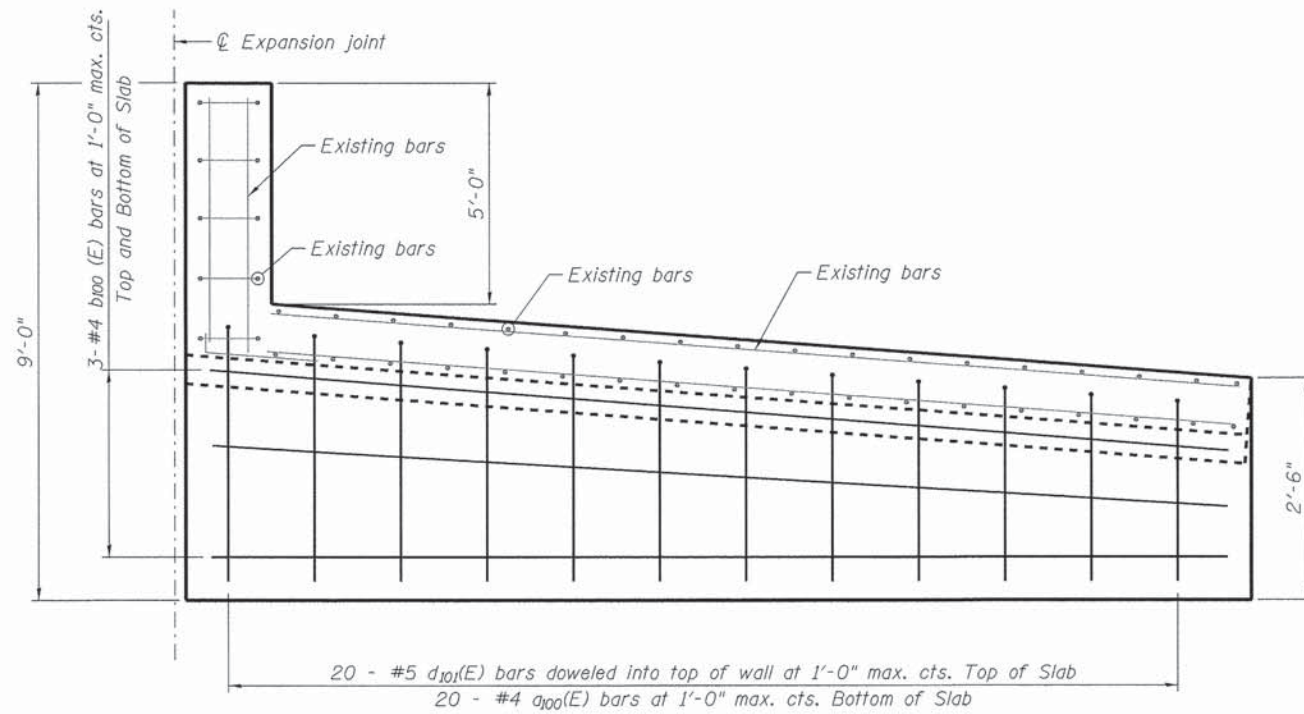
Anchor bolts, washers and nuts, to be plated against corrosion in accordance with the special provisions, shall be zinc-coated by the mechanical plating method conforming to ASTM B69, class 50. Zinc-coated nuts shall be topped oversize in accordance with the requirements of AASHTO M291 and shall meet the supplementary requirements S1.1 thru S1.2.1 of the same specifications for lubricant and testing.



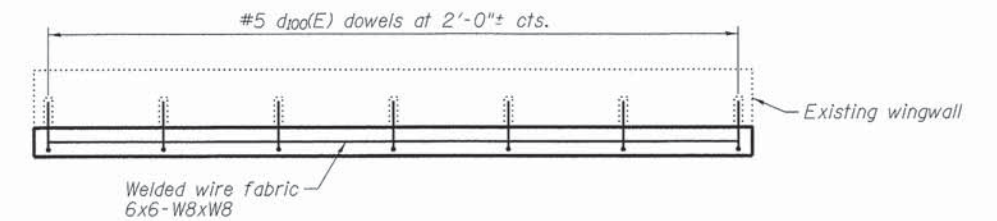
NW WINGWALL ELEVATION
(Looking South)



SECTION A-A



NW WINGWALL PLAN

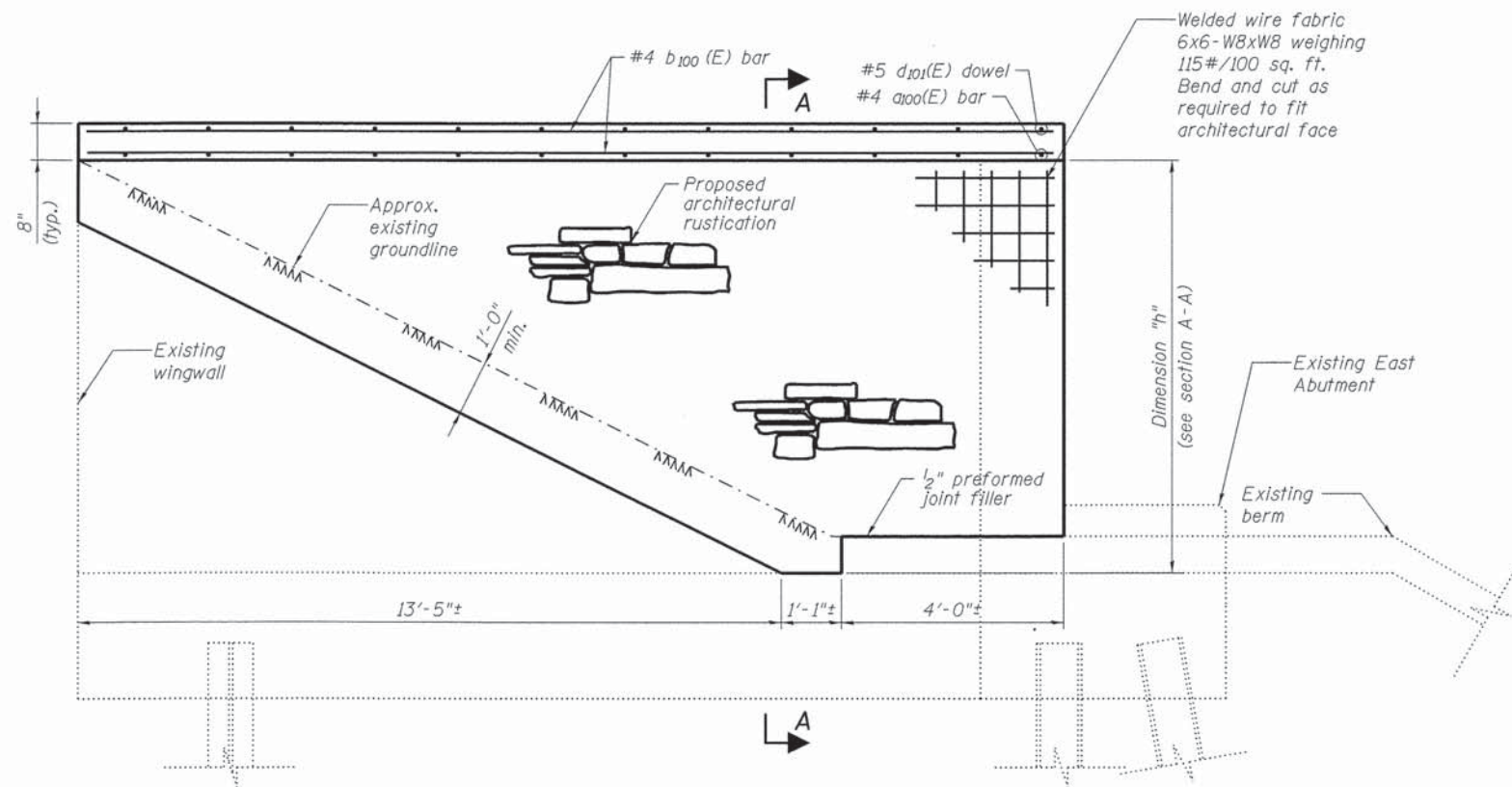


TYPICAL LONGITUDINAL SECTION THROUGH WALL

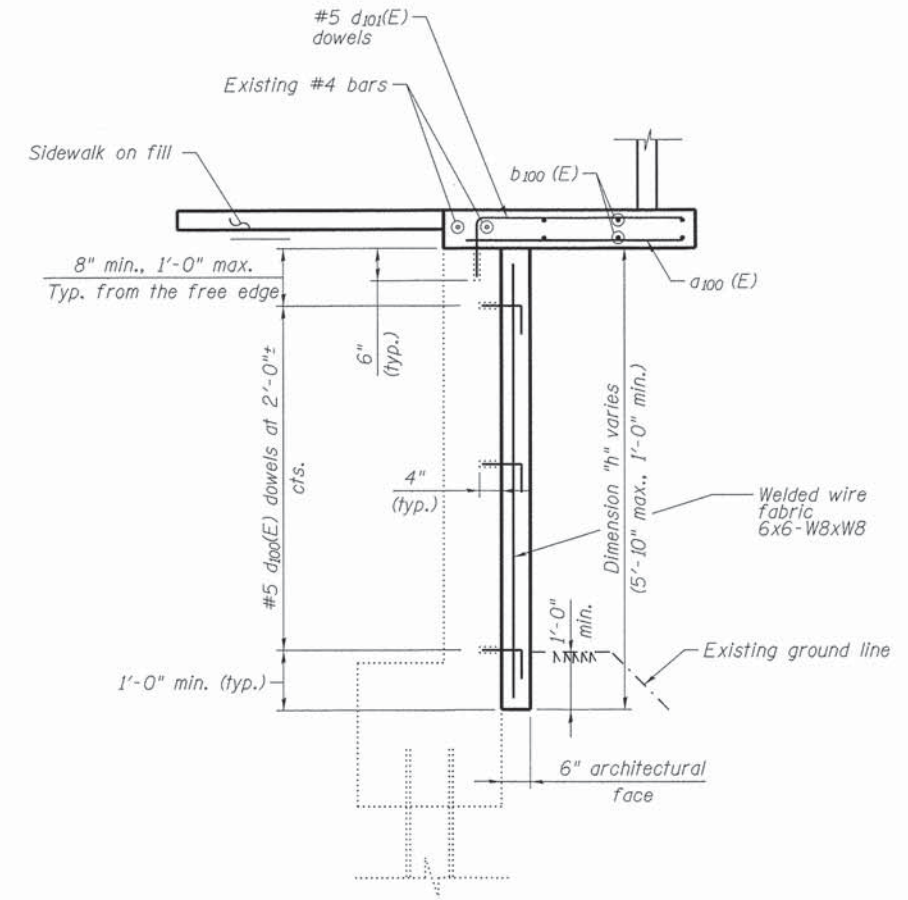
NOTES

Epoxy grout d100(E) and d101(E) bars according to Article 584 of the Standard Specifications. Drill to miss existing reinforcement. The epoxy grout and method of application shall be approved by the Engineer. All drilling and grouting of rebar to be included with the cost of "Reinforcement Bars, Epoxy Coated."

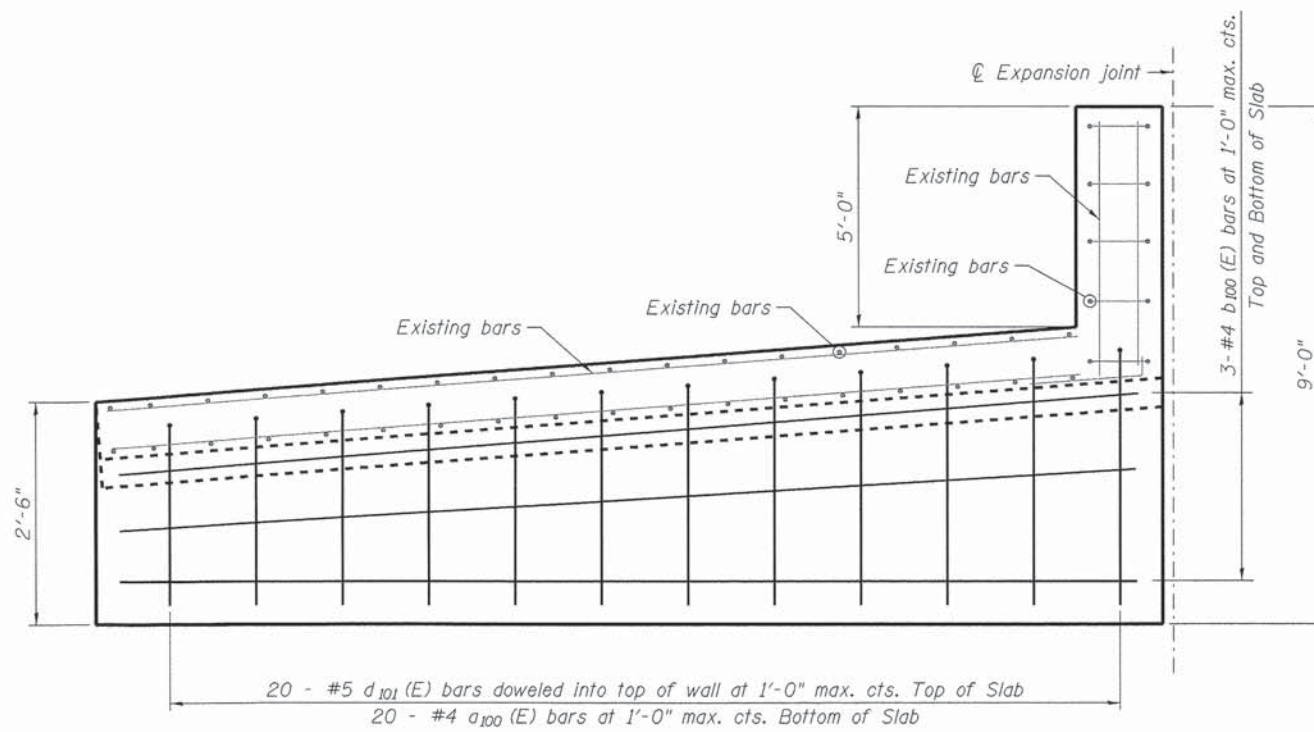
Preserve existing reinforcement in abutment and wingwall stems.



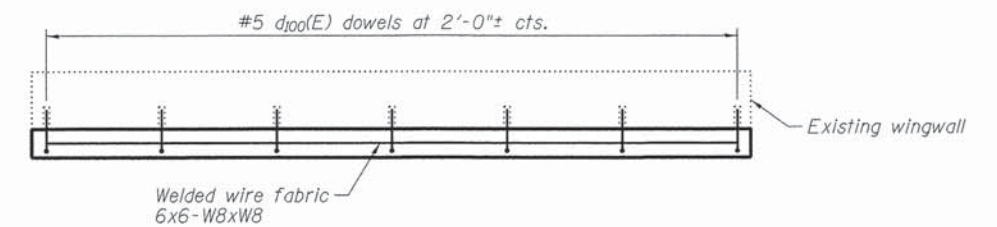
NE WINGWALL ELEVATION
(Looking South)



SECTION A-A



NE WINGWALL PLAN

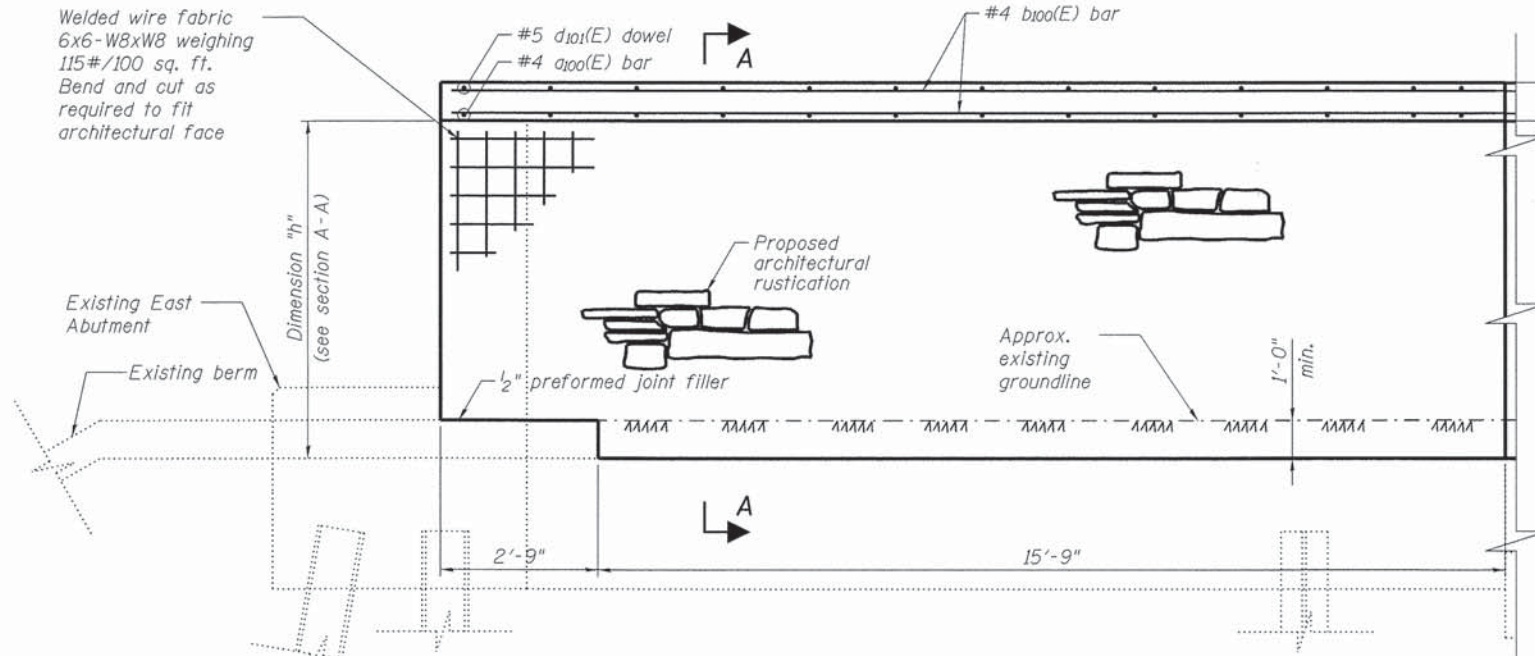


TYPICAL LONGITUDINAL SECTION THROUGH WALL

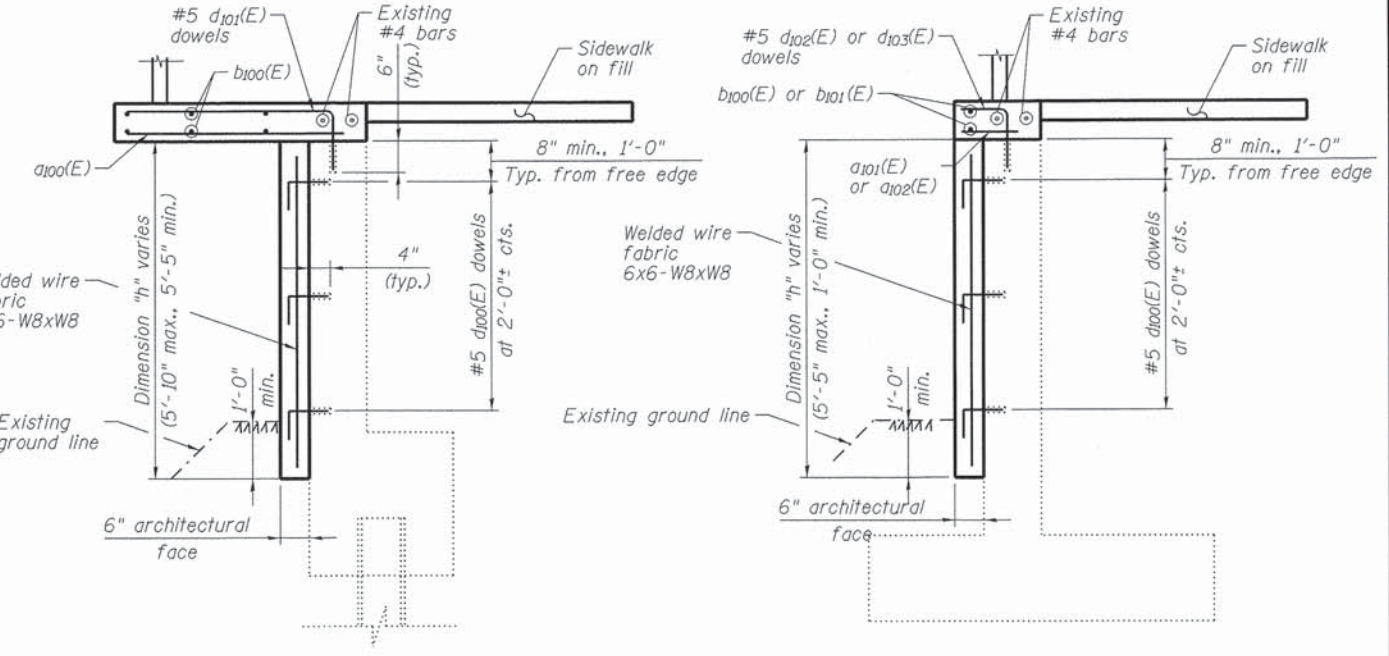
NOTES

Epoxy grout d100(E) and d101(E) bars according to Article 584 of the Standard Specifications. Drill to miss existing reinforcement. The epoxy grout and method of application shall be approved by the Engineer. All drilling and grouting of rebar to be included with the cost of "Reinforcement Bars, Epoxy Coated."

Preserve existing reinforcement in abutment and wingwall stems.

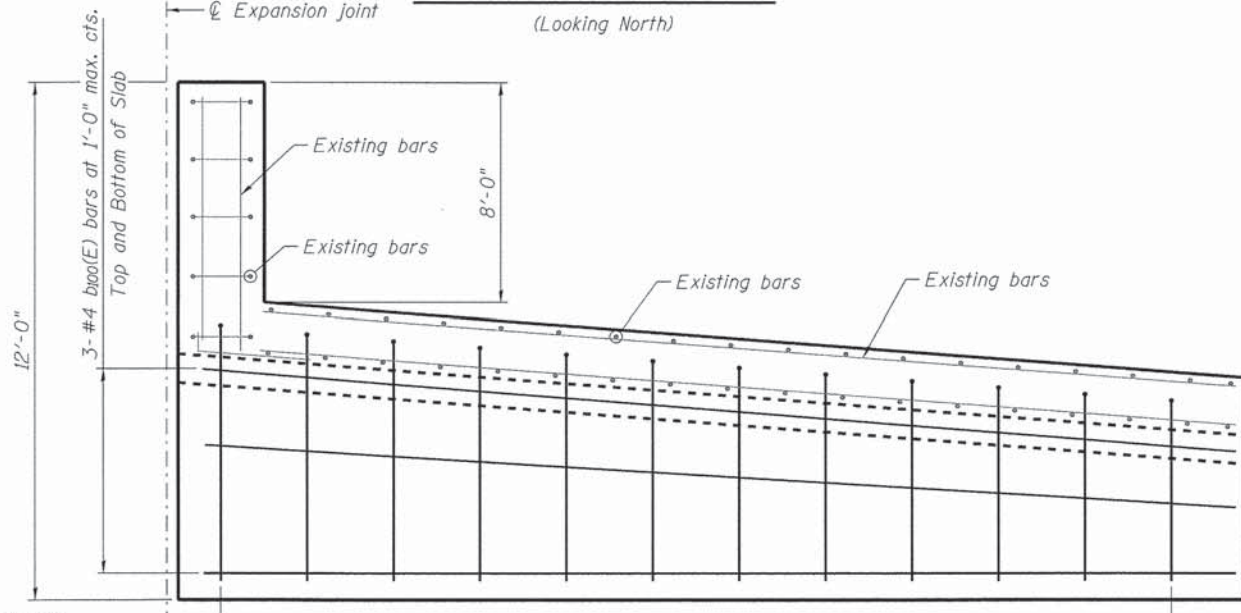


SE WINGWALL ELEVATION
(Looking North)

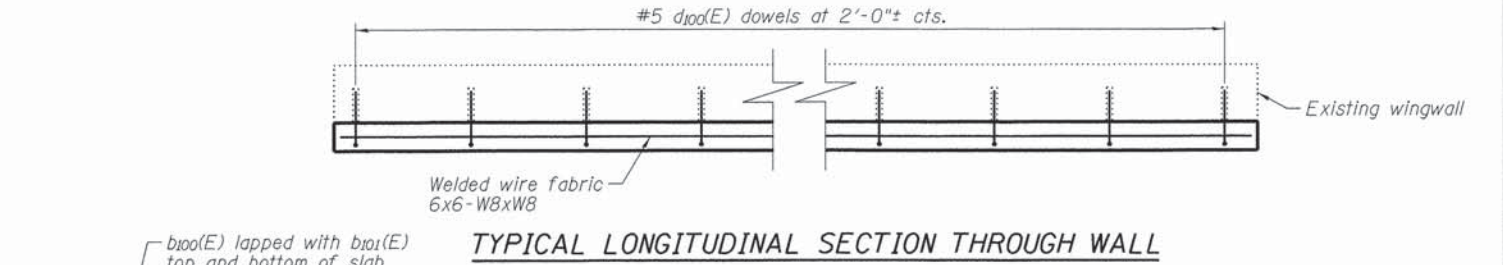


SECTION A-A

SECTION B-B

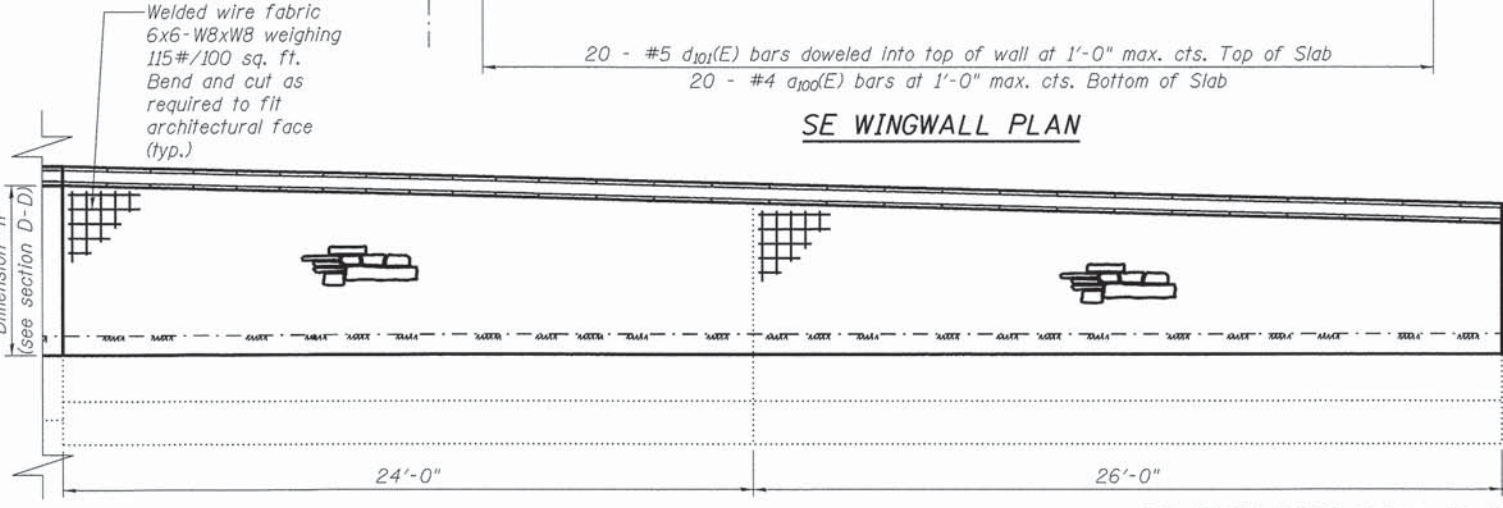


SE WINGWALL PLAN

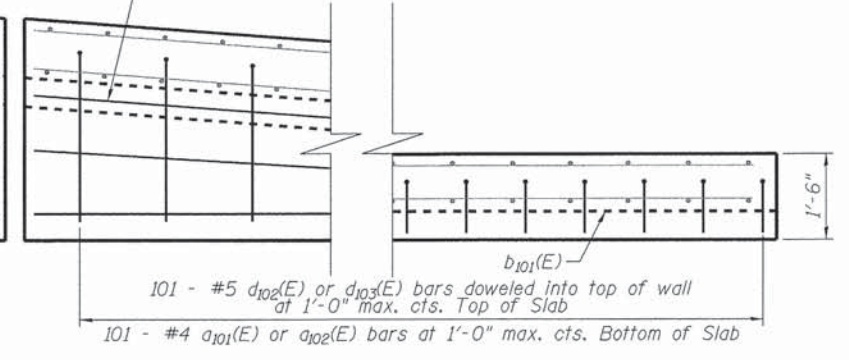


TYPICAL LONGITUDINAL SECTION THROUGH WALL

MIN. BAR LAPS
#4 Bar - 1'-11"



SE WINGWALL PLAN



SE RETAINING WALL PLAN

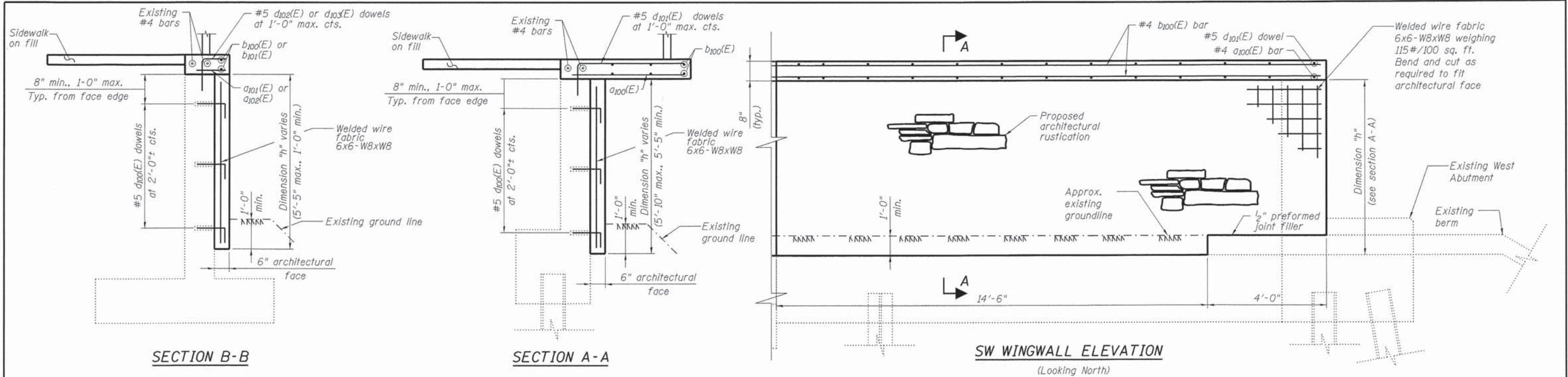
NOTES

Epoxy grout d102(E) and d103(E) bars according to Article 584 of the Standard Specifications. Drill to miss existing reinforcement. The epoxy grout and method of application shall be approved by the Engineer. All drilling and grouting of rebar to be included with the cost of "Reinforcement Bars, Epoxy Coated."
Preserve existing reinforcement in abutment and wingwall stems.



SE RETAINING WALL ELEVATION
(LOOKING NORTH)

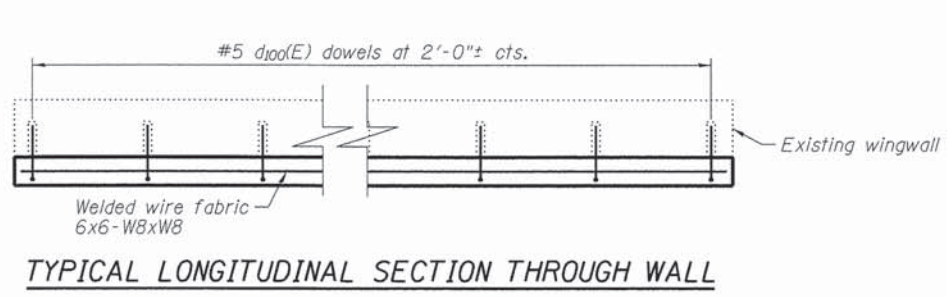
Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SE WINGWALL DETAILS STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128 SHEET NO. 21 OF 25 SHEETS	F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 45
	PLOT SCALE =	DRAWN - EML	REVISED -			JOB NO. C-91-286-13	CONTRACT NO. 61C17			
	PLOT DATE =	CHECKED - DFM	REVISED -			ILLINOIS FED. AID PROJECT: TE-0001927				



SECTION B-B

SECTION A-A

SW WINGWALL ELEVATION
(Looking North)



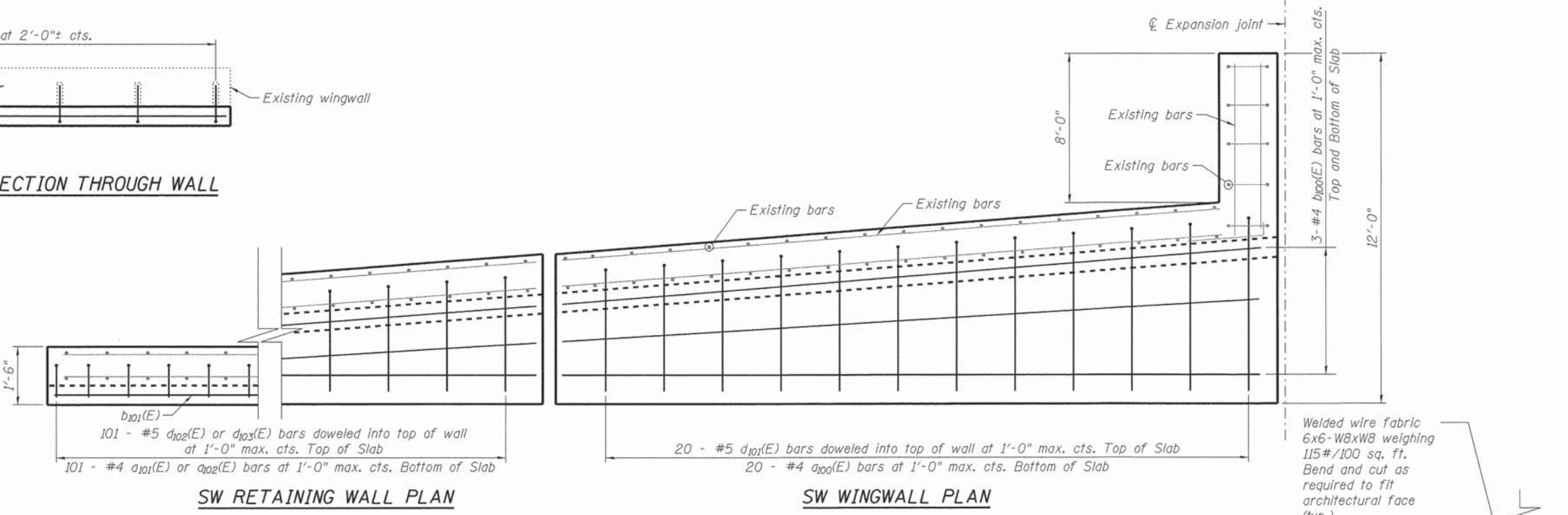
TYPICAL LONGITUDINAL SECTION THROUGH WALL

MIN. BAR LAPS
#4 Bar - 1'-11"

NOTES

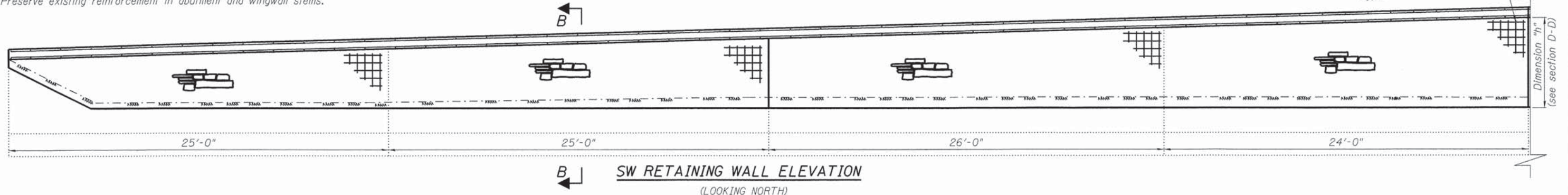
Epoxy grout d102(E) and d103(E) bars according to Article 584 of the Standard Specifications. Drill to miss existing reinforcement. The epoxy grout and method of application shall be approved by the Engineer. All drilling and grouting of rebar to be included with the cost of "Reinforcement Bars, Epoxy Coated."

Preserve existing reinforcement in abutment and wingwall stems.



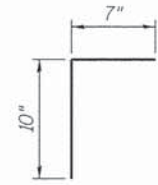
SW RETAINING WALL PLAN

SW WINGWALL PLAN

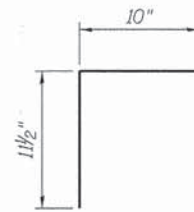


SW RETAINING WALL ELEVATION
(LOOKING NORTH)

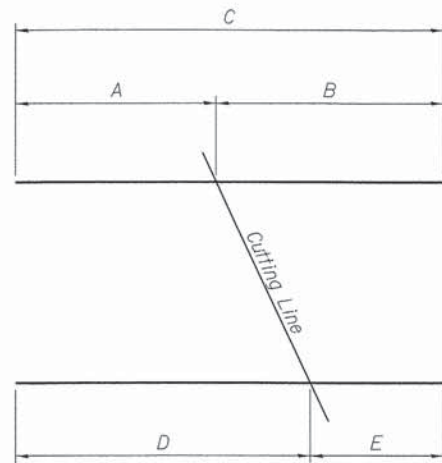
Michael Baker INTERNATIONAL	USER NAME =	DESIGNED - JMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SW WINGWALL DETAILS STATE STREET OVER FOX RIVER STRUCTURE NO. 045-3128 SHEET NO. 22 OF 25 SHEETS	F.A.U. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 46
	PLOT SCALE =	DRAWN - EML	REVISED -			JOB NO. C-91-286-13	CONTRACT NO. 61C17			
	PLOT DATE =	CHECKED - DFM	REVISED -			ILLINOIS FED. AID PROJECT: TE-00019271				



Bar d100(E)

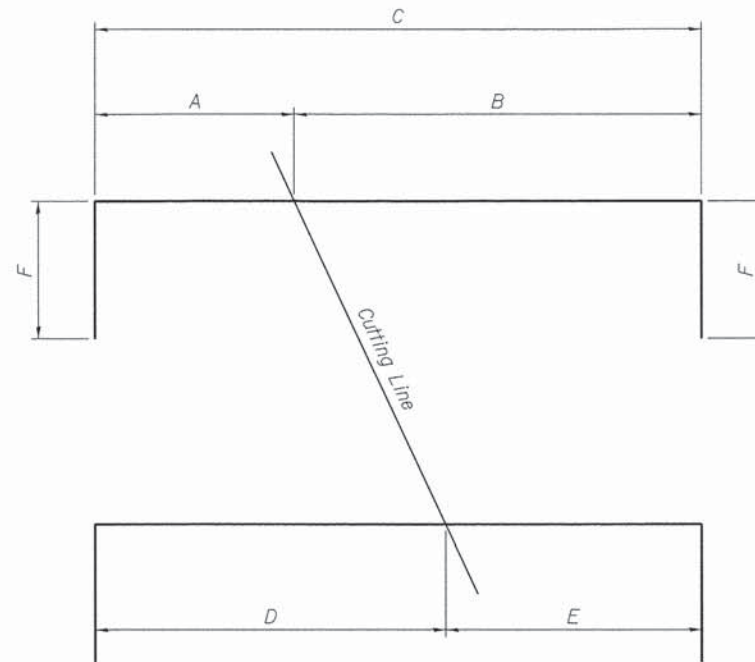


Bar d103(E)



Bar	A	B	C	D	E
d100(E)	2'-2"	3'-8"	5'-10"	3'-8"	2'-2"
d101(E)	1'-2"	2'-2"	3'-4"	2'-2"	1'-2"

BAR CUTTING DIAGRAM



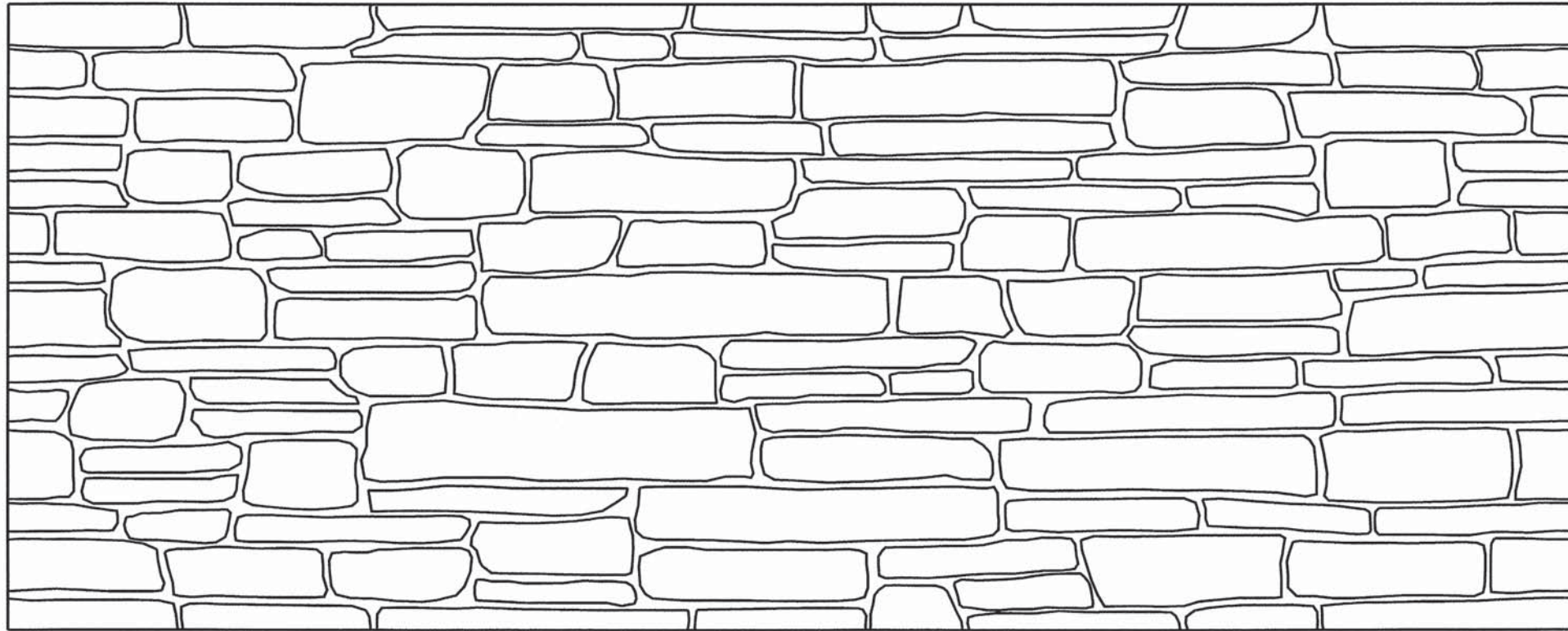
Bar	A	B	C	D	E	F
d101(E)	1'-10 1/2"	3'-3"	5'-1 1/2"	3'-3"	1'-10 1/2"	1 1/2"
d102(E)	10"	1'-10"	2'-8"	1'-10"	10"	1 1/2"

BAR CUTTING DIAGRAM

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d100(E)	40	#4	5'-10"	—
d101(E)	25	#4	3'-4"	—
d102(E)	152	#4	1'-2"	—
b100(E)	36	#4	18'-2"	—
b101(E)	20	#4	29'-1"	—
d100(E)	400	#5	1'-5"	┌┐
d101(E)	40	#5	7'-0 1/2"	┌┐
d102(E)	25	#5	4'-7"	┌┐
d103(E)	152	#5	1'-9 1/2"	┌┐
Reinforcement Bars, Epoxy Coated			Pound	2450
Concrete Structures			Cu. Yds.	28

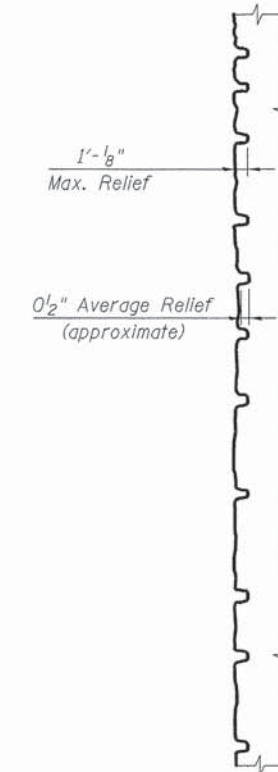
Bars Indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.



A ↖

↙ A

RUSTICATION PATTERN ELEVATION



SECTION A-A

NOTES

1. Stones are pattern-matched right-to-left & top-to-bottom
2. Stone heights: 1 1/2" to 6 1/2"
Stone widths: 6" to 32"
3. Grout lines: Approx. 1/2" wide by 1/2" deep, varying
4. Patterning shown is for reference only. Coordinate actual limits of form liner with structural information.
5. Dimension provided are for reference only. Coordinate actual limits of form liner with structural information.

**Michael Baker
INTERNATIONAL**

USER NAME =	DESIGNED - JMK	REVISED -
	CHECKED - DFM	REVISED -
PLOT SCALE =	DRAWN - EML	REVISED -
PLOT DATE =	CHECKED - DFM	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RUSTICATION DETAILS
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**

SHEET NO. 24 OF 25 SHEETS

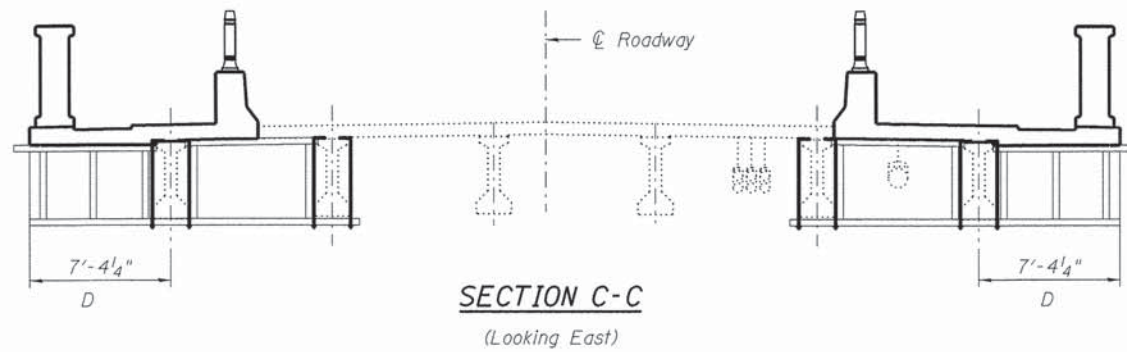
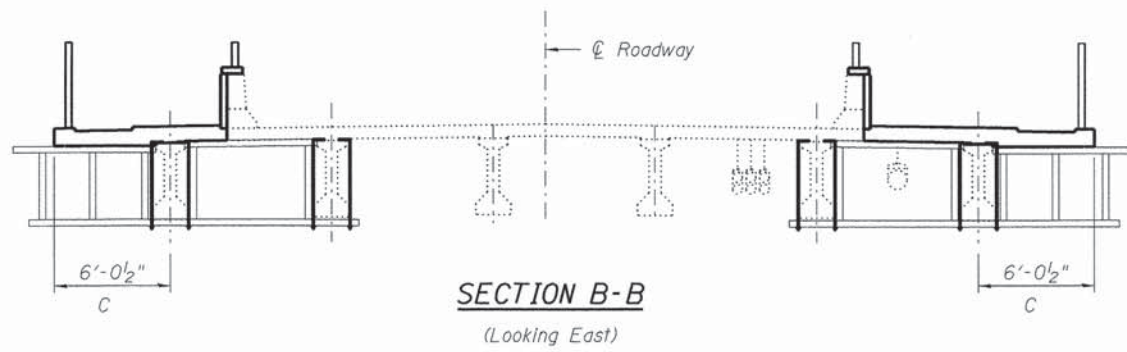
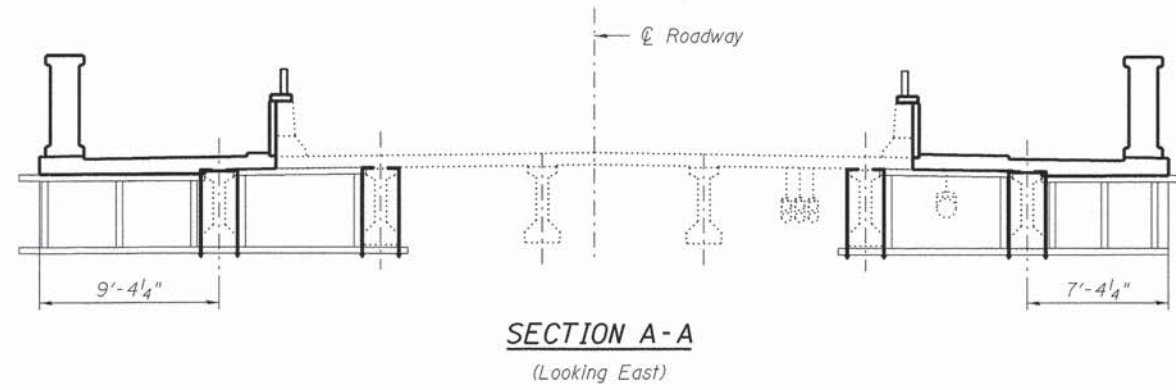
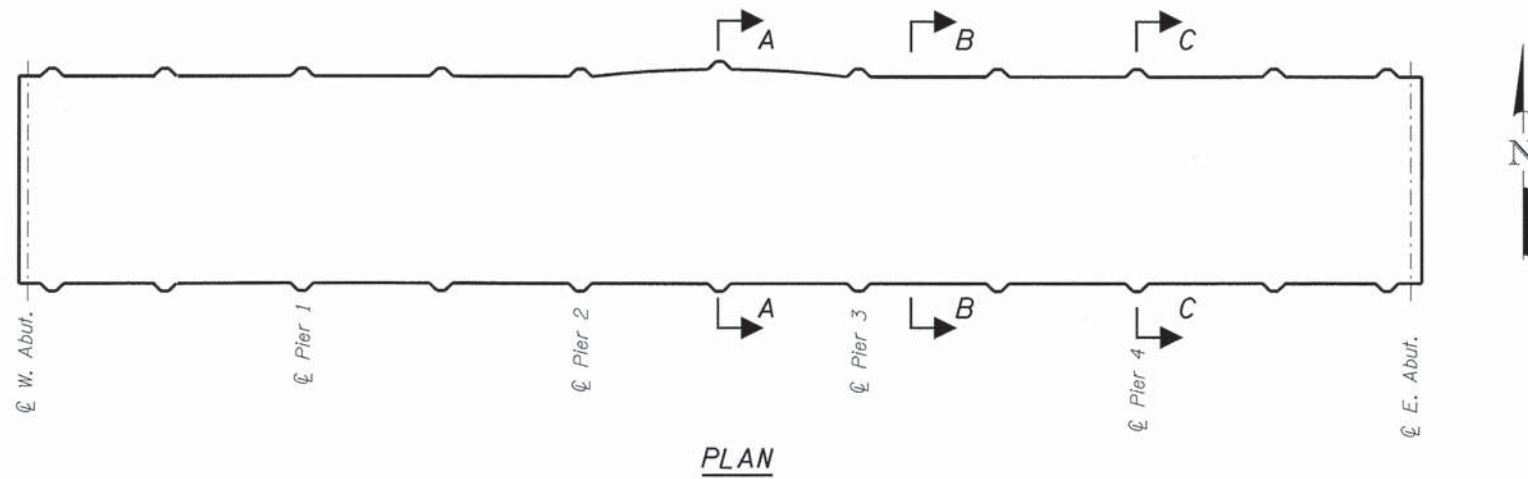
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	48
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
<small>ILLINOIS FED. AID PROJECT: TE-00019271</small>				

NOTES

The deck overhang exceeds standard overhang lengths. Forming brackets shall be designed to meet the requirements of Article 503.06(b) of the Standard Specifications. For standard cantilever forming brackets, see Standard Drawing SB-1.

The beams or girders, supporting cantilever forming brackets, shall be tied together at required spacing.

Contractor shall verify stability of fascia beams from overturning. Contractor shall provide temporary bracing as required.



**Michael Baker
INTERNATIONAL**

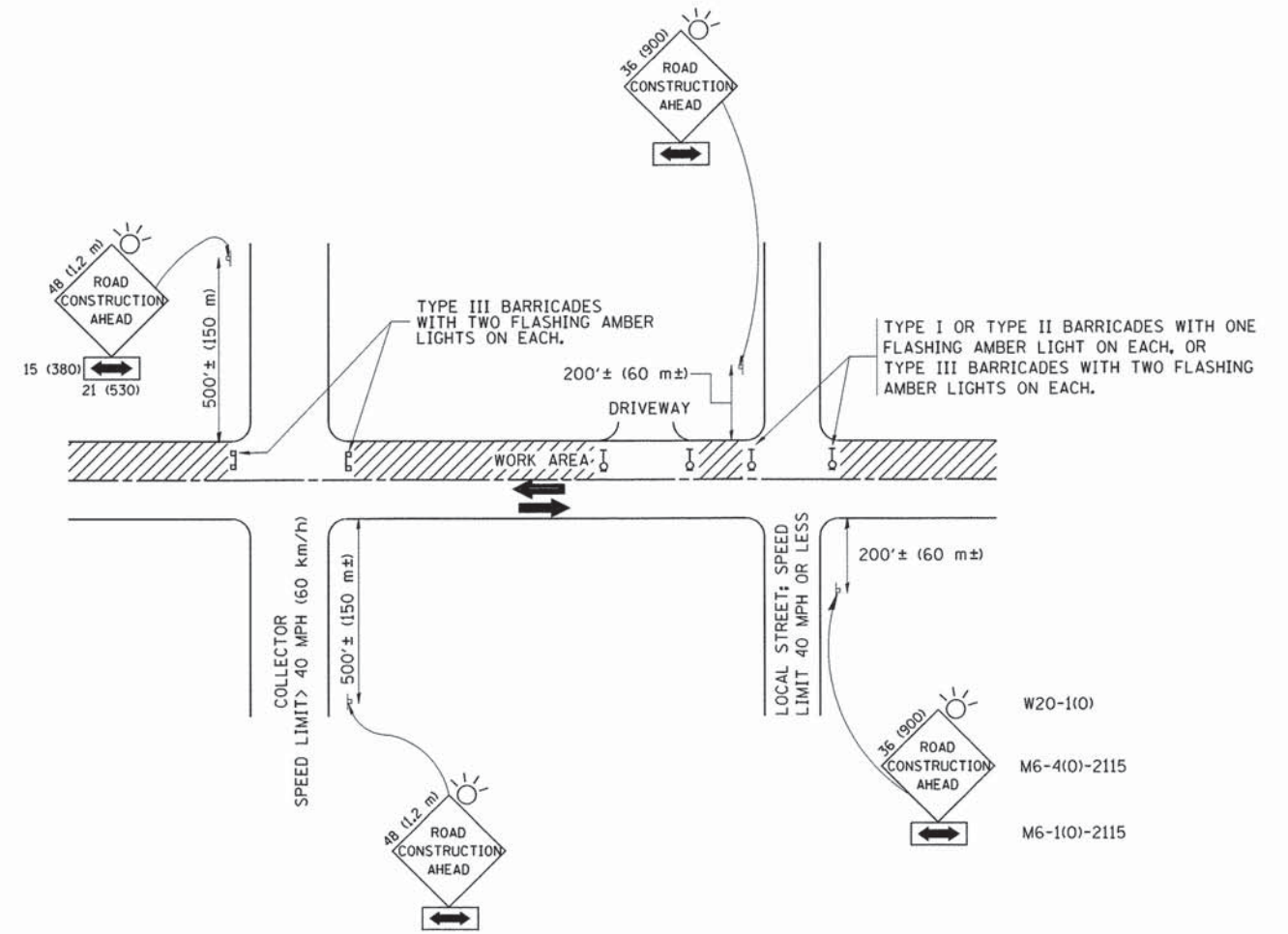
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	CHECKED - DFM	REVISED -
PLOT SCALE =	DRAWN - EML	REVISED -
PLOT DATE =	CHECKED - DFM	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHANG FORMING ALTERNATIVE FOR SUPERSTRUCTURE
STATE STREET OVER FOX RIVER
STRUCTURE NO. 045-3128**

SHEET NO. 25 OF 25 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	49
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
<small>[ILLINOIS] FED. AID PROJECT: TE-00049271</small>				



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. 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).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

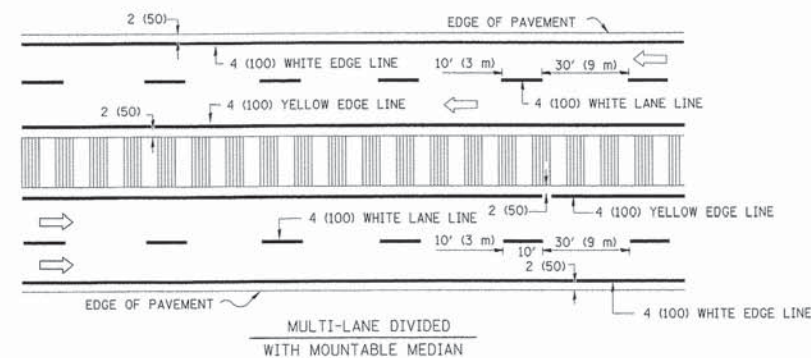
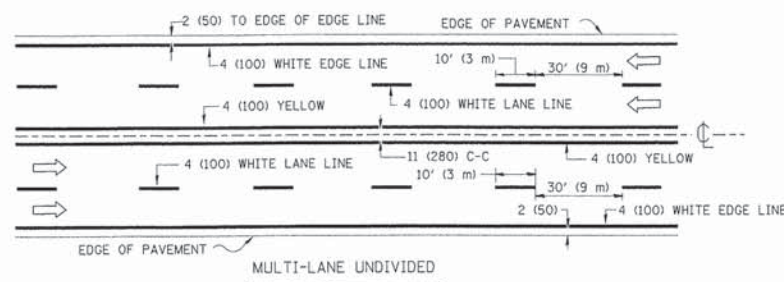
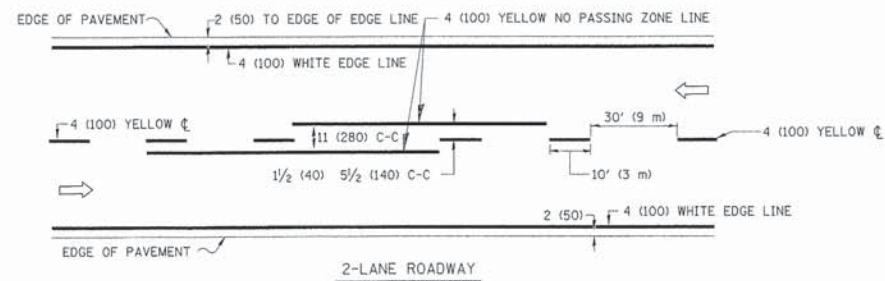
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

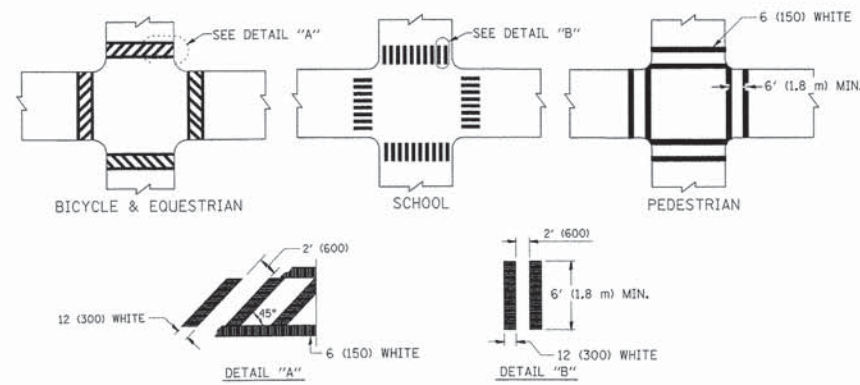
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

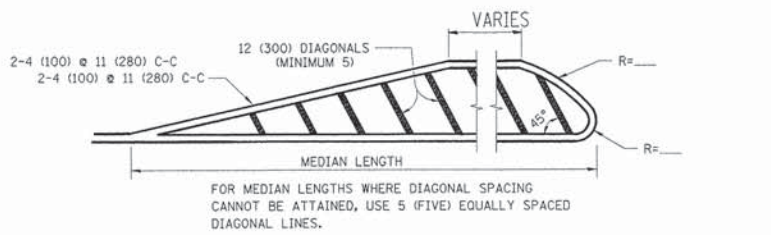
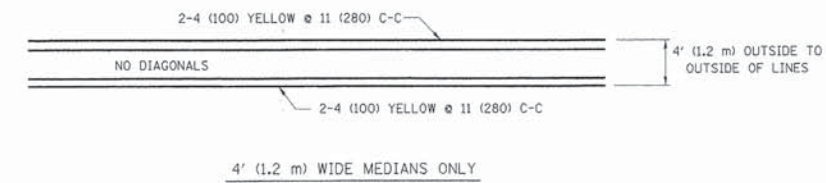
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TC-10			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(927)				



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE
TYPICAL LANE AND EDGE LINE MARKING

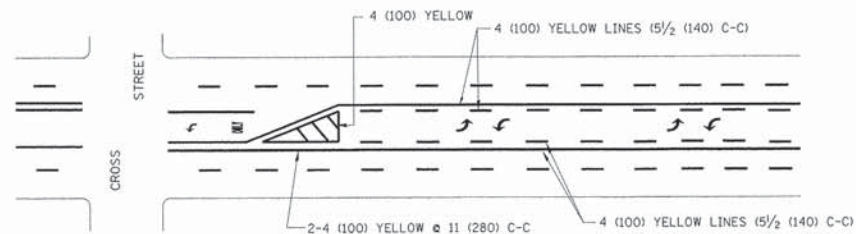


TYPICAL CROSSWALK MARKING

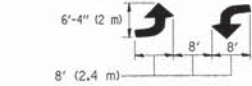


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

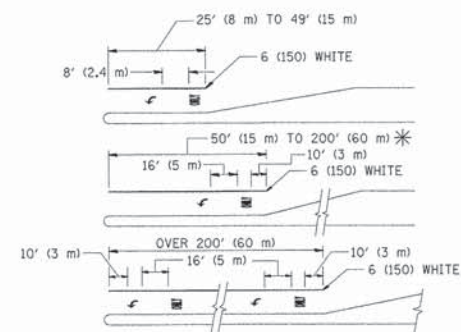


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

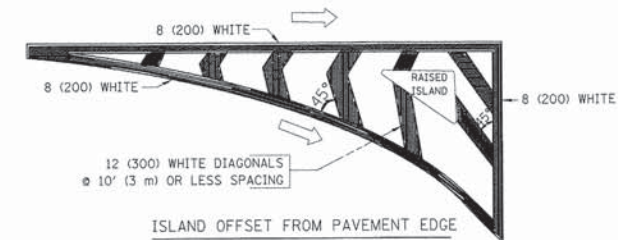
TYPICAL PAINTED MEDIAN MARKING



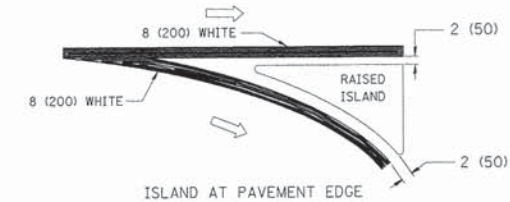
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT; OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	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))

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

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

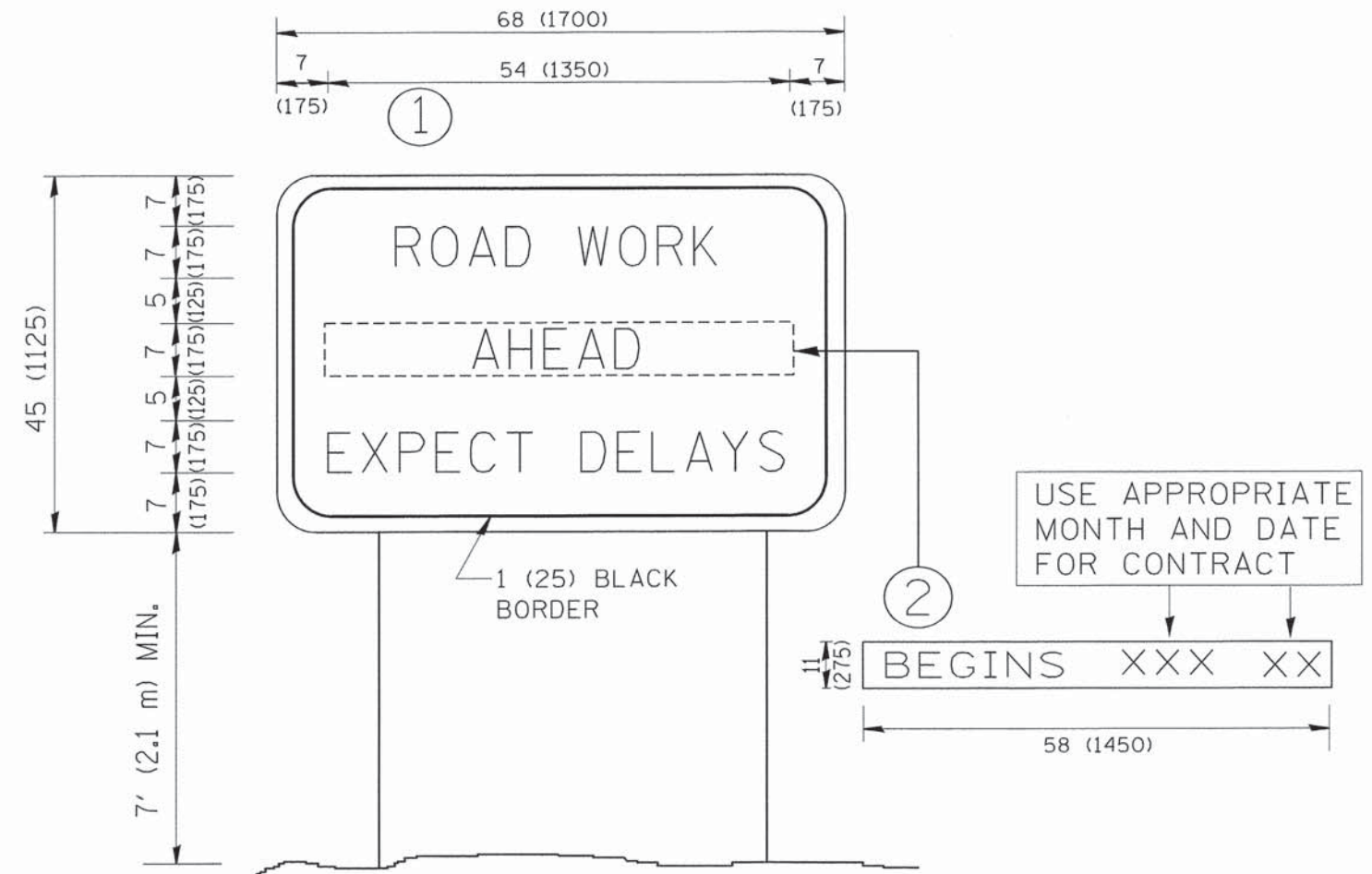
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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	52
TC-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(927)				



NOTES:

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

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

FILE NAME = W:\distetd\22x34\to22.dgn	USER NAME = gaglienob	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50,000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

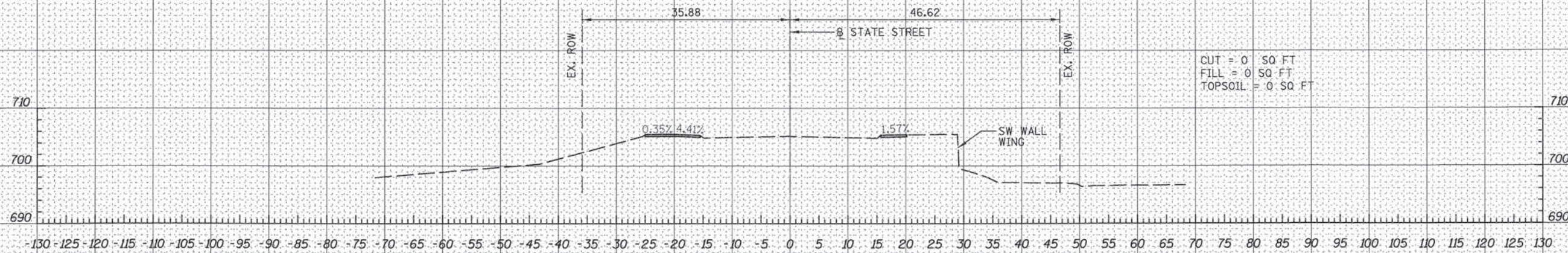
**ARTERIAL ROAD
INFORMATION SIGN**

F.A. RTE. 1343	SECTION 13-00043-00-BR	COUNTY KANE	TOTAL SHEETS 65	SHEET NO. 53
TC-22		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT TE-00D1(927)				

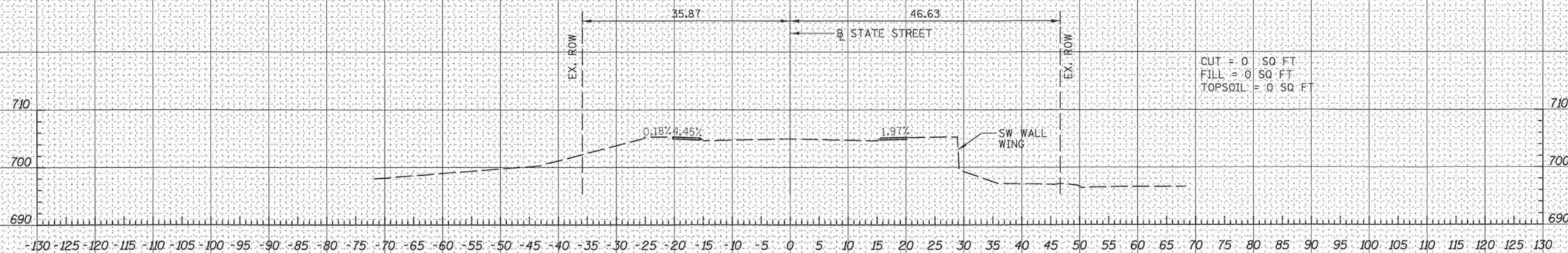
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

DATE	
BY	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



12+75.00



12+70.00

Michael Baker
INTERNATIONAL

USER NAME = j-rooke
 PLOT SCALE = 10.0000' / 1" in.
 PLOT DATE = 10/20/2015

DESIGNED *JBR*
 DRAWN *AJV*
 CHECKED *ITY*
 DATE *10/21/2015*

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
 CRITICAL CROSS SECTIONS

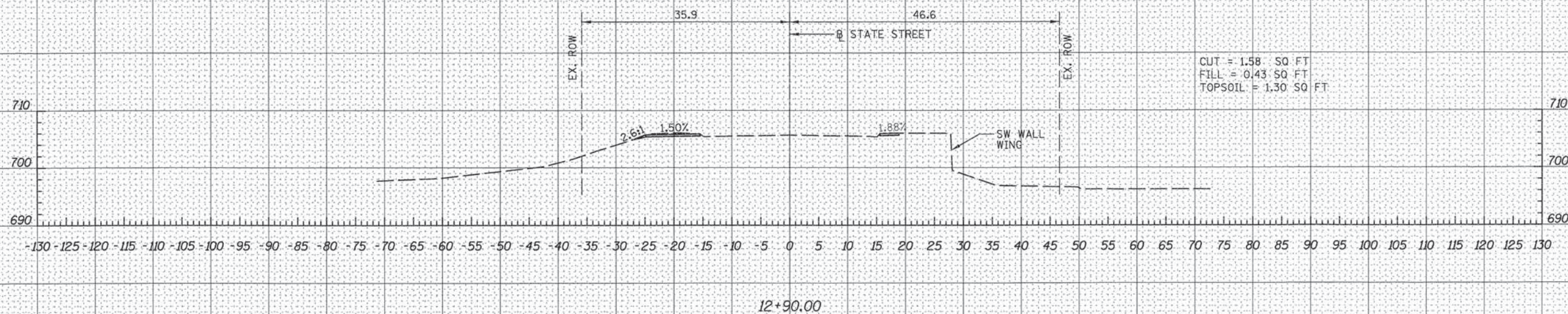
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	54
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

FILE NAME = H:\38117 State St Bridge Enhancements\3.0 Drawings\3.2 CAD\Drawings\38117-35.dgn

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Michael Baker
INTERNATIONAL

USER NAME = jproke
PLOT SCALE = 18.0000' / in.
PLOT DATE = 10/20/2015

DESIGNED *JBR*
DRAWN *AJV*
CHECKED *ITY*
DATE *10/21/2015*

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 3 OF 12 SHEETS STA. 12+90 TO STA. 12+95

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	56
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

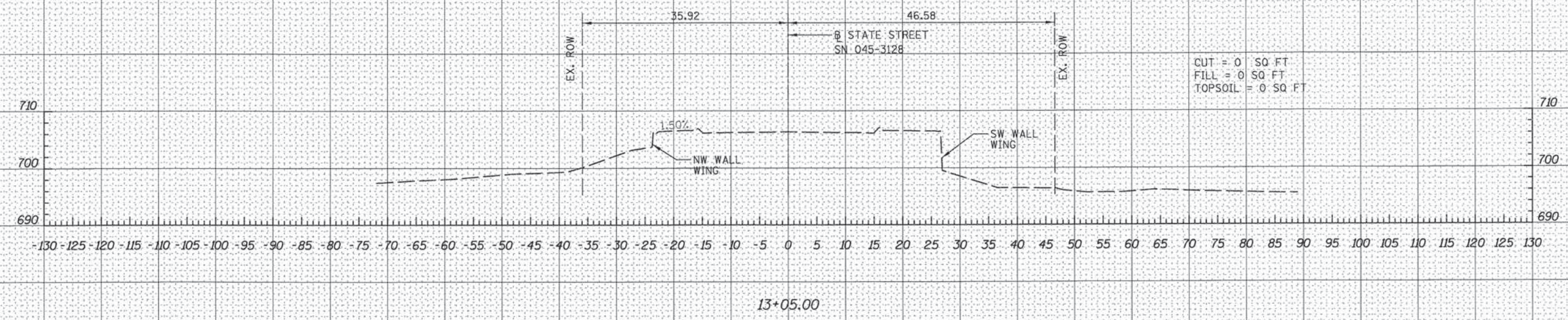
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DATE
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NOTE BOOK
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ORIGINAL
SURVEY
NOTE BOOK
NO.

FILE NAME = H:\138117 State St. Bridge Enhancements\3.8 deliverables\3.2 road\13+00.dwg



Michael Baker INTERNATIONAL

USER NAME = jrooke	DESIGNED <i>JBR</i>	REVISED -
PLOT SCALE = 10.0000' / 1" =	DRAWN <i>AJV</i>	REVISED -
PLOT DATE = 10/20/2015	CHECKED <i>ITY</i>	REVISED -
	DATE <i>10/21/2015</i>	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 4 OF 12 SHEETS STA. 13+00 TO STA. 13+05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	57
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

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FILE NAME = H:\138117 State St Bridge Enhancements\3.2.2.0000 Drawings\138117-XS.dwg



16+85.00



16+80.00



USER NAME = j-rooke	DESIGNED <i>JBR</i>	REVISED -
PLLOT SCALE = 10,0000' / 1"	DRAWN <i>AJV</i>	REVISED -
PLLOT DATE = 10/20/2015	CHECKED <i>ITY</i>	REVISED -
	DATE <i>10/21/2015</i>	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

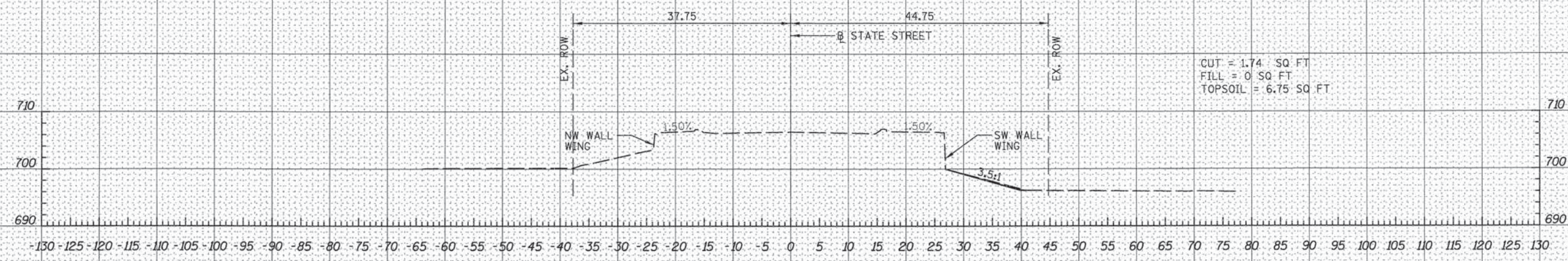
SCALE: 1" = 10' SHEET NO. 5 OF 12 SHEETS STA. 16+80 TO STA. 16+85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	58
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT: TE-0001927				

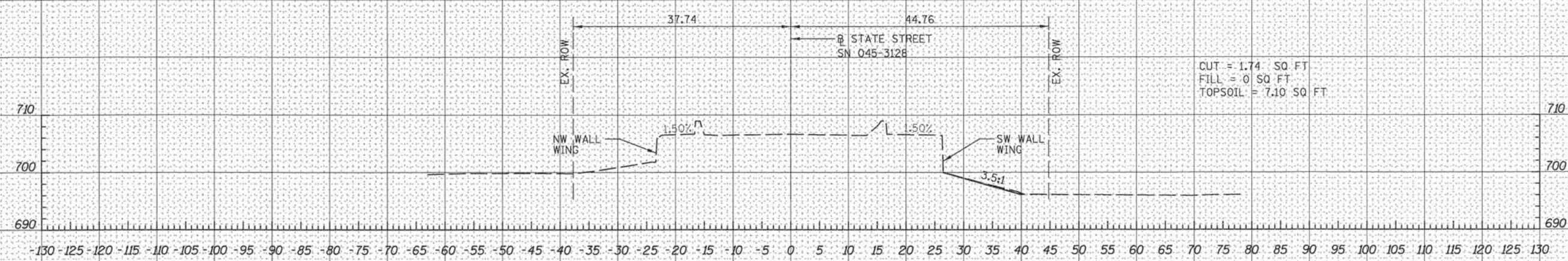
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16+95.00



16+90.00



USER NAME = jrooke	DESIGNED <i>JBR</i>	REVISED -
	DRAWN <i>AJV</i>	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED <i>ITY</i>	REVISED -
PLOT DATE = 10/20/2015	DATE <i>10/21/2015</i>	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

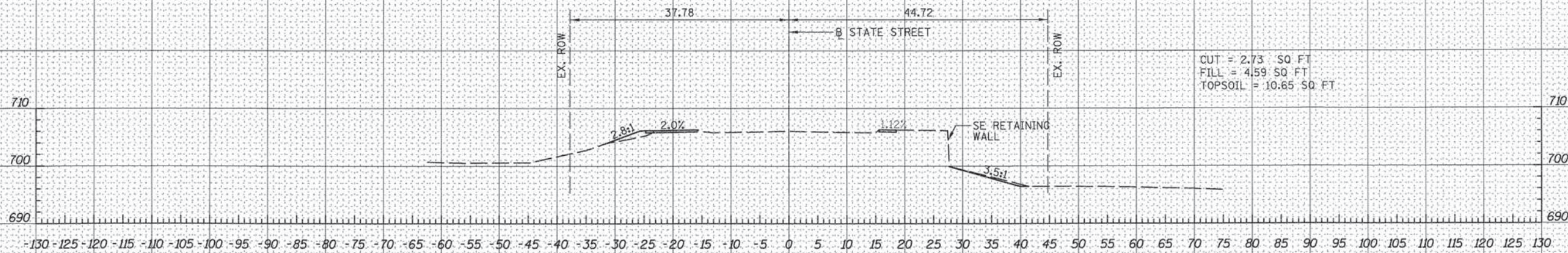
STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 6 OF 12 SHEETS STA. 16+90 TO STA. 16+95

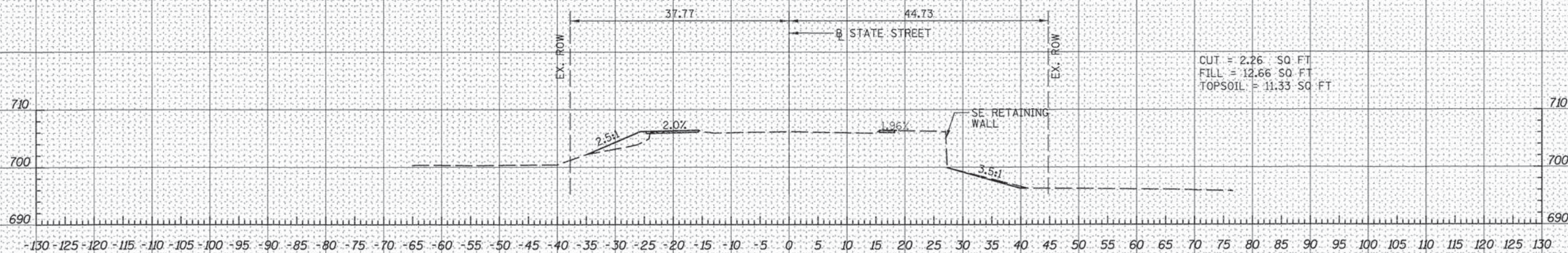
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	59
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

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 NOTE BOOK _____
 AREAS CHECKED _____
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17+05.00



17+00.00

Michael Baker
 INTERNATIONAL

USER NAME = jrooke
 DESIGNED JBR
 DRAWN AJV
 CHECKED ITY
 DATE 10/21/2015

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
 CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 7 OF 12 SHEETS STA. 17+00 TO STA. 17+05

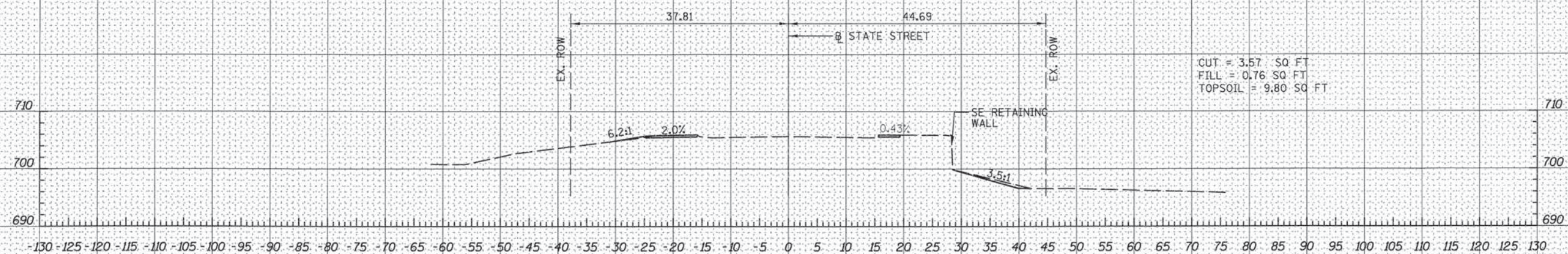
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	60
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

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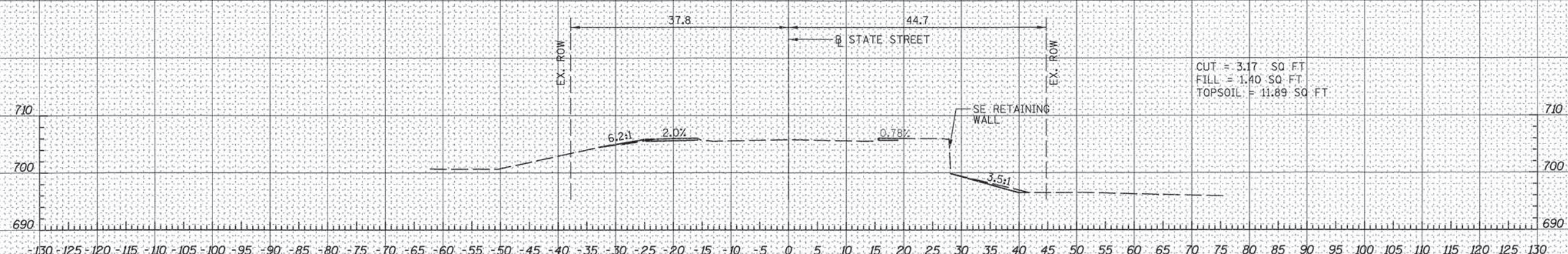
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ORIGINAL SURVEY PLOTTED DATE AREAS CHECKED

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17+15.00



17+10.00

Michael Baker INTERNATIONAL

USER NAME = jraoke	DESIGNED JBR	REVISED -
PLOT SCALE = 10,000' / 1" =	DRAWN AJV	REVISED -
PLOT DATE = 10/20/2015	CHECKED ITY	REVISED -
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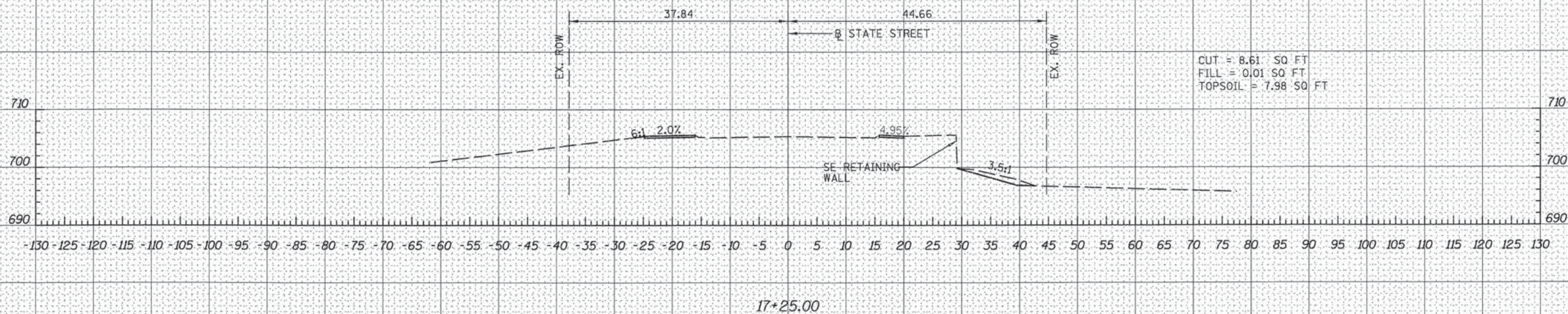
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

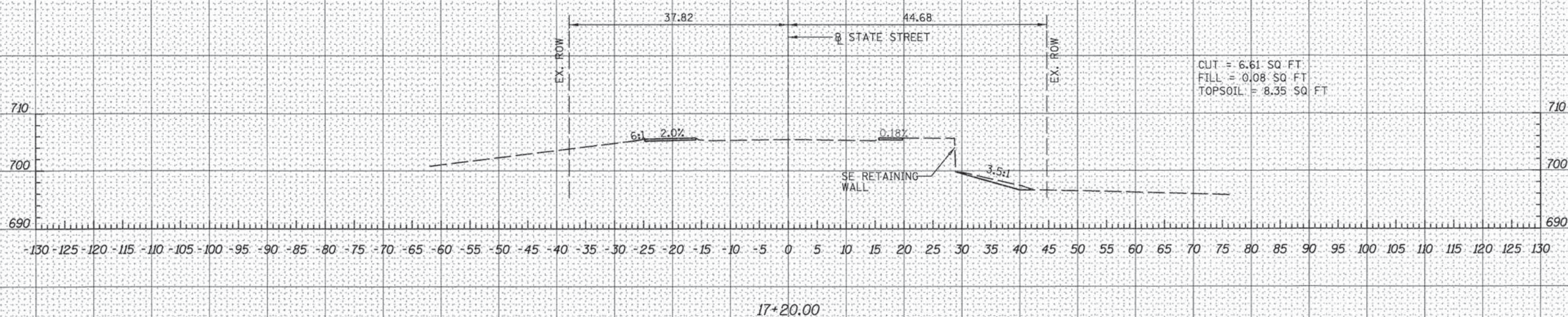
SCALE: 1" = 10' SHEET NO. 8 OF 12 SHEETS STA. 17+10 TO STA. 17+15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	61
JOB NO. C-91-286-13		CONTRACT NO. 61C17		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001(927)				

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FILE NAME = H:\138117 State St. Bridge Enhancements\3.8 deliverables\3.8 deliverables\3.8 Drawings\38117-25.dgn

Michael Baker INTERNATIONAL

USER NAME = j_rooke
 DESIGNED JBR
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

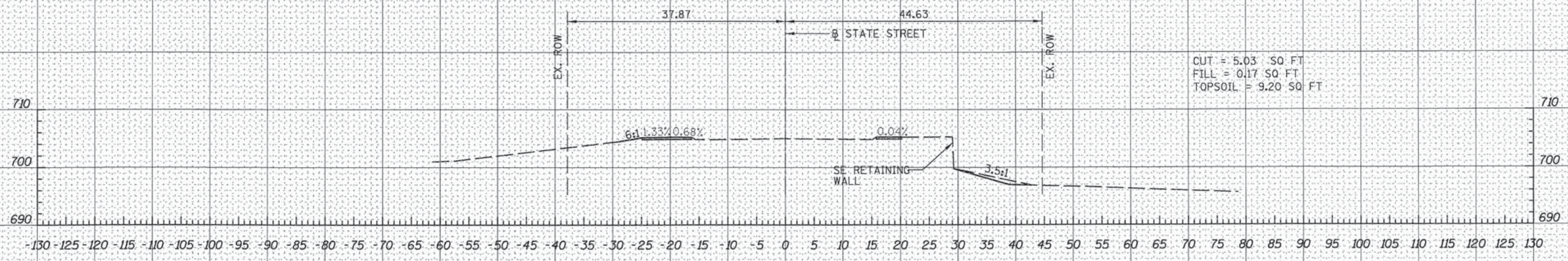
STATE STREET BRIDGE ENHANCEMENT PROJECT
 CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 9 OF 12 SHEETS STA. 17+20 TO STA. 17+25

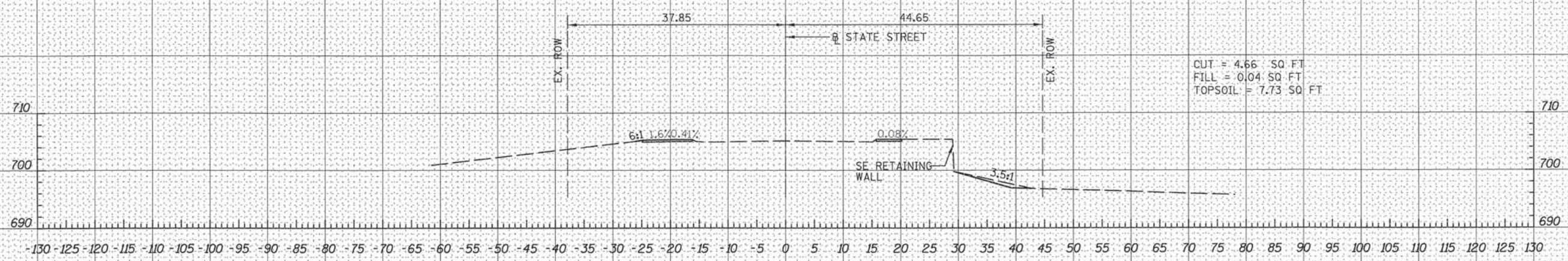
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	62
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001927				

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AREAS CHECKED	
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17+35.00



17+30.00

Michael Baker
INTERNATIONAL

USER NAME = jrooke	DESIGNED JBR	REVISED -
PLLOT SCALE = 10.0000' / 1" =	DRAWN AJV	REVISED -
PLLOT DATE = 10/20/2015	CHECKED ITY	REVISED -
	DATE 10/21/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

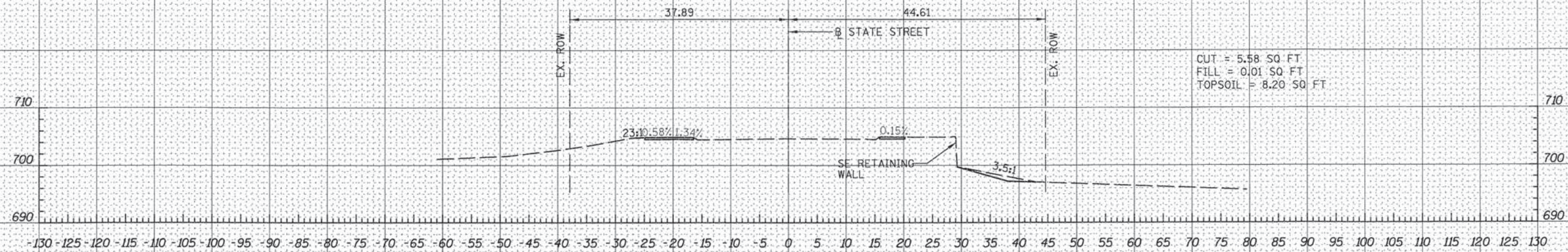
STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 10 OF 12 SHEETS STA. 17+30 TO STA. 17+35

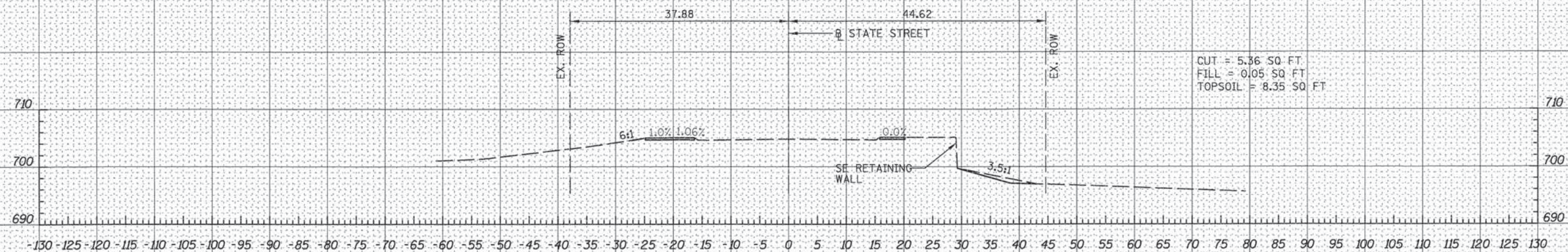
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	63
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-0001(927)				

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Michael Baker
INTERNATIONAL

USER NAME = j-rooko
PLOT SCALE = 10.0000' / 1" =
PLOT DATE = 10/20/2015

DESIGNED JBR
DRAWN AJV
CHECKED ITY
DATE 10/21/2015

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 11 OF 12 SHEETS STA. 17+40 TO STA. 17+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	64
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT: TE-0001(927)	

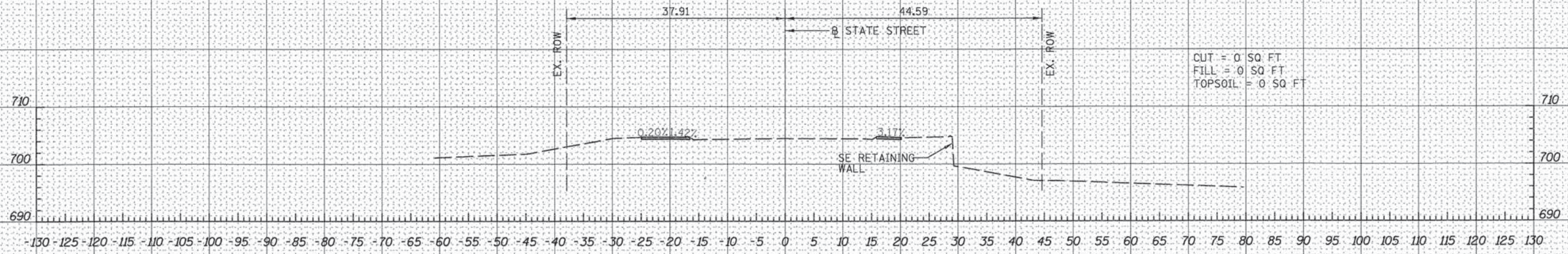
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17+55.00



17+50.00



USER NAME = jrooke
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 10/20/2015

DESIGNED *JBR*
 DRAWN *AJV*
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 DATE *10/21/2015*

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE STREET BRIDGE ENHANCEMENT PROJECT
 CRITICAL CROSS SECTIONS

SCALE: 1" = 10' SHEET NO. 12 OF 12 SHEETS STA. 17+50 TO STA. 17+55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1343	13-00043-00-BR	KANE	65	65
JOB NO. C-91-286-13			CONTRACT NO. 61C17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT: TE-001(927)				

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