

06-17-2022 LETTING ITEM I66

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

DESIGN DESIGNATION - 1955(39) Interstate 34.31 (FD-20)

FUNCTIONAL CLASSIFICATION
INTERSTATE HIGHWAY

PAVEMENT RECONSTRUCTION
BEGIN STA. 1879+40.75
END STA. 1951+00.00

PAVING OMISSION
BEGIN STA. 1951+00.00
END STA. 1987+79.00

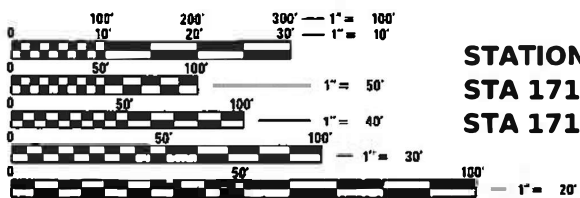
STRUCTURES TO BE REPAIRED
SN 092-0126 - MAUCK LANE OVER I-74
SN 092-0128 - LEVERICH ROAD OVER I-74
SN 092-0008 - I-74 OVER L. STREET AND NS RR (EB)
SN 092-0009 - I-74 OVER L. STREET AND NS RR (WB)
SN 092-0010 - I-74 OVER G. STREET (EB)
SN 092-0011 - I-74 OVER G. STREET (WB)
SN 092-0012 - I-74 OVER F. STREET, FAIRFIELD ST. AND CSX RR (WB)
SN 092-0013 - I-74 OVER F. STREET, FAIRFIELD ST. AND CSX RR (EB)
SN 092-0038 - US 150 / ILL 1 OVER I-74
SN 092-0150 - PEDESTRIAN STRUCTURE OVER I-74
SN 092-0129 - GREENWOOD CEMETERY ROAD OVER I-74
SN 092-0014 - I-74 OVER VERMILION RIVER (WB)

STRUCTURE OMISSIONS
SN 092-8601 - CONCRETE BOX CULVERT UNDER I-74 (HMA INLAY)
SN 092-0005 - CSX RR OVER I-74
SN 092-0051 - US 150 OVER I-74
SN 092-0099 - BATESTOWN ROAD OVER I-74
SN 092-0006 - I-74 OVER SALT FORK VERMILION RIVER (EB)
SN 092-0007 - I-74 OVER SALT FORK VERMILION RIVER (WB)
SN 092-0204 - TILTON ROAD OVER I-74
SN 092-0149 - N&S RR OVER I-74
SN 092-0015 - I-74 OVER VERMILION RIVER (EB)

TRAFFIC INFORMATION

LEG*	A	B	C	D
2019 ADT =	25100	20900	23700	26900
PV% =	70.1	61.7	65.8	70.2
SU% =	4.0	3.9	4.1	3.4
MU% =	25.9	34.4	30.1	26.4

LEG A: ON I-74 FROM FAS 331 (OAKWOOD INTERCHANGE) TO US 150 (MLK DR.)
LEG B: ON I-74 FROM US 150 (MLK DR.) TO G STREET
LEG C: ON I-74 FROM G STREET TO IL 1
LEG D: ON I-74 FROM IL 1 TO THE VERMILION RIVER



STATION EQUATION
STA 1719+60.48 BK
STA 1719+72.60 AH

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
DANVILLE TOWNSHIP

PROJECT ENGINEER RYAN T. CARROLL, P.E.
PHONE NUMBER: (217) 466-7225

CONTRACT NO. 70A29

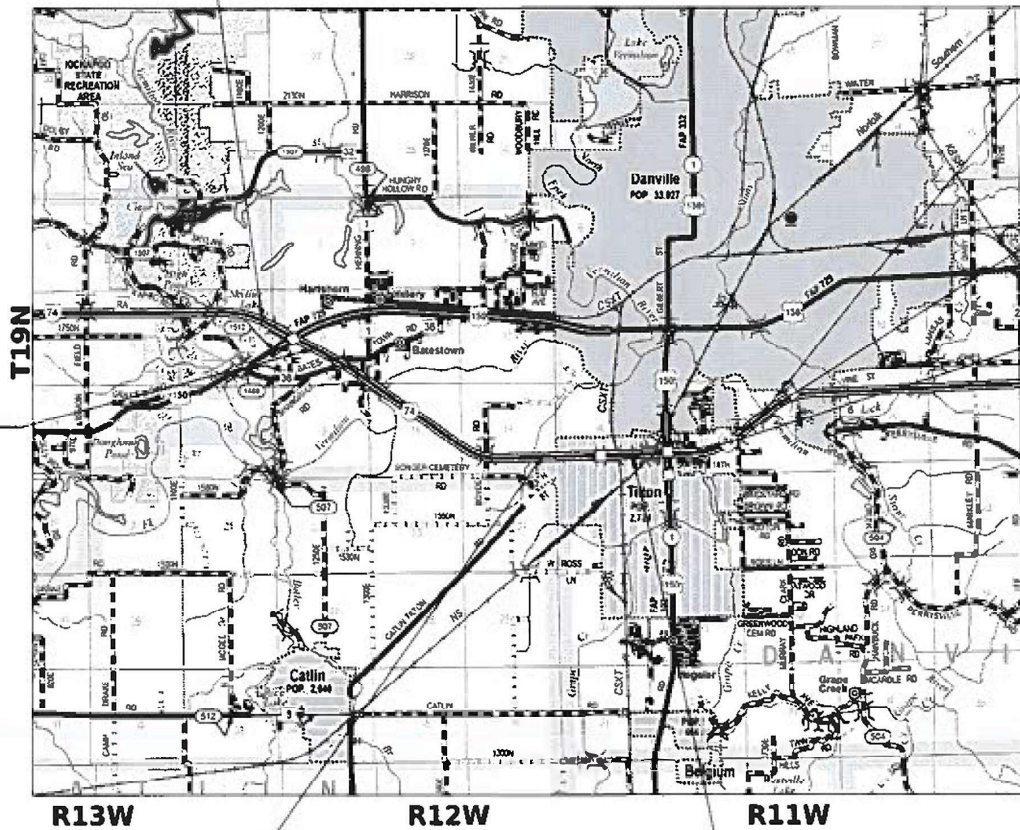
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.I. ROUTE 74 (I-74)
SECTION (92-10,11,12)R
PROJECT NHPP-C9B9(786)
DESIGNED OVERLAY RESURFACING (INT-3RD)
RECONSTRUCTION
BRIDGE DECK OVERLAY BRIDGE DECK REPAIRS
VERMILION COUNTY

PROJECT BEGINS
STA. 1682+90.00

C-95-017-13
US 150 W. OF DANVILLE TO VERMILION RIVER IN DANVILLE



STATION EQUATION
STA 1987+88.96 BK
STA 1987+92.50 AH

PROJECT ENDS
STA. 1997+00.00

PAVING OMISSION
BEGIN STA. 1951+00.00
END STA. 1987+79.00

1" = 1 mi

ENGINEER'S SIGNATURE BOX

JEFFRY D. SPILLER
062-057630
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

SIGNED: MARCH 24, 2022
LISC. EXP. DATE: 11/30/23

SHEETS 1-56, 86-99, 116-230, 482-487, 494-506, 509-510, 514-698

RURAL/URBAN
FUND SPLIT
STA 1866+73.44

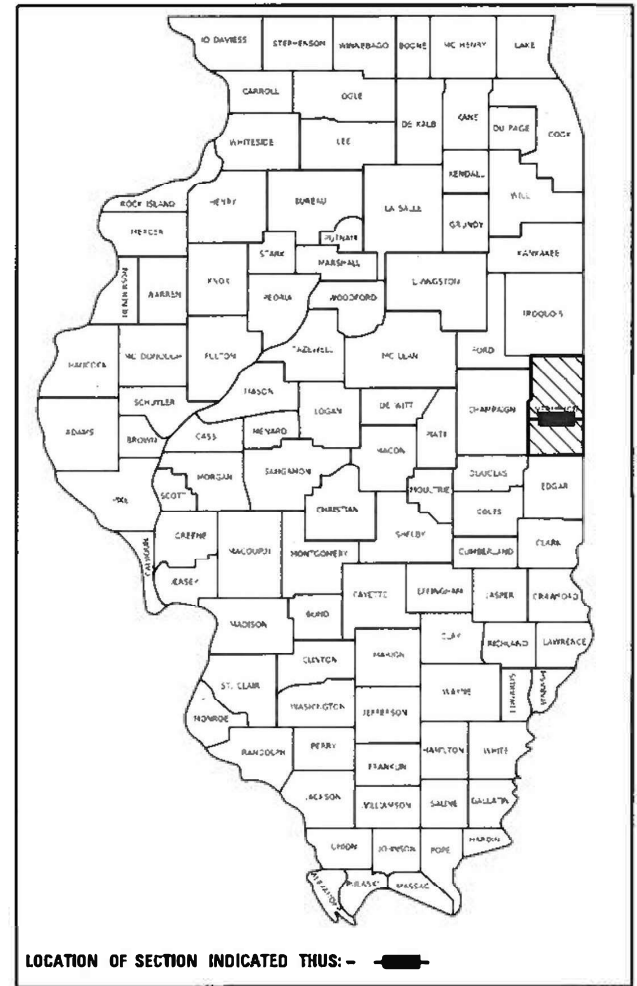
GROSS LENGTH = 31,391.1 FT. = 5.95 MILES
NET LENGTH = 26,788.1 FT. = 5.07 MILES

STATION EQUATION
STA 1907+53.04 BK
STA 1907+59.81 AH

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698*	1
			ILLINOIS	CONTRACT NO. 70A29

*698 + 4 = 702 TOTAL SHEETS

P-95-017-13



MAURER-STUTZ
ENGINEERS SURVEYORS

3116 DRIES LN STE 100
PEORIA, ILLINOIS 61604
PH. (309) 893-7615
FAX (309) 693-7616
PROFESSIONAL DESIGN FIRM #184-005754

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3/25 2022
Kensil A. Barnett, Esq.
REGIONAL ENGINEER

May 13, 2022 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
	ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
20200100	EARTH EXCAVATION	CU YD	59,025	9,285	49,740	0	0	0	0
20800150	TRENCH BACKFILL	CU YD	2,811	84	2,727	0	0	0	0
21400100	GRADING AND SHAPING DITCHES	FOOT	3,312	2,093	1,219	0	0	0	0
25000210	SEEDING, CLASS 2A	ACRE	9.00	2.50	6.50	0	0	0	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	793	219	574	0	0	0	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	793	219	574	0	0	0	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	793	219	574	0	0	0	0
25100115	MULCH, METHOD 2	ACRE	26.50	7.25	19.25	0	0	0	0
25100630	EROSION CONTROL BLANKET	SQ YD	18,936	2,772	16,164	0	0	0	0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	19,632	15,763	3,869	0	0	0	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7,040	1,920	5,120	0	0	0	0
28000305	TEMPORARY DITCH CHECKS	FOOT	7,701	3,178	4,523	0	0	0	0
28000315	AGGREGATE DITCH CHECKS	TON	80	0	80	0	0	0	0
28000400	PERIMETER EROSION BARRIER	FOOT	5,545	0	5,545	0	0	0	0
28000500	INLET AND PIPE PROTECTION	EACH	124	61	63	0	0	0	0
28100111	STONE RIPRAP, CLASS A6	SQ YD	421	0	421	0	0	0	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	73	0	0	0	73	0	0

* SPECIALTY ITEMS

MODEL: Summary of Quantities (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE 74 REHABILITATION
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	4
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 17 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1951+00.00
				COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
				FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
				CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY			
28100127	STONE RIPRAP, CLASS B4	SQ YD	10,237	1,094	9,143	0	0	0	0	
28200200	FILTER FABRIC	SQ YD	5,095	774	4,248	0	73	0	0	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	75,962	5,129	70,833	0	0	0	0	
35650100	BASE COURSE WIDENING 6"	SQ YD	359	359	0	0	0	0	0	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	159,866	11,540	148,326	0	0	0	0	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	197,777	95,090	102,687	0	0	0	0	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	49,224	34,262	14,962	0	0	0	0	
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	31,422	3,231	28,191	0	0	0	0	
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	19,881	12,526	7,355	0	0	0	0	
40604090	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5L, MIX "C", N30	TON	9,154	5,083	4,071	0	0	0	0	
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	3,070	0	3,070	0	0	0	0	
40605034	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80	TON	20,174	11,905	8,269	0	0	0	0	
40800027	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	227	227	0	0	0	0	0	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	46	46	0	0	0	0	0	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	34	34	0	0	0	0	0	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	1,087	0	1,087	0	0	0	0	
42001300	PROTECTIVE COAT	SQ YD	5,604	0	5,604	0	0	0	0	

* SPECIALTY ITEMS

MODEL: S:\00_2\15\sheet1
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		DRAWN -	REVISED -
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	PLOT DATE = 3/24/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE 74 REHABILITATION
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	5
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 17 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1951+00.00
				COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
				FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
				CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY			
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	96	96	0	0	0	0	0	
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	273	173	100	0	0	0	0	
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	661	640	21	0	0	0	0	
44201299	DOWEL BARS 1 1/2"	EACH	3,060	1,620	1,440	0	0	0	0	
44213200	SAW CUTS	FOOT	7,093	3,332	3,761	0	0	0	0	
44213204	TIE BARS 3/4"	EACH	221	46	175	0	0	0	0	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4,897	3,438	1,459	0	0	0	0	
48203034	HOT-MIX ASPHALT SHOULDERS, 9 1/4"	SQ YD	33	0	33	0	0	0	0	
48203053	HOT-MIX ASPHALT SHOULDERS, 14"	SQ YD	28,463	0	28,463	0	0	0	0	
50102400	CONCRETE REMOVAL	CU YD	381.3	0.0	0.0	15.0	366.3	0.0	0.0	
50104400	CONCRETE HEADWALL REMOVAL	EACH	13	0	13	0	0	0	0	
50105220	PIPE CULVERT REMOVAL	FOOT	1,042	0	1,042	0	0	0	0	
50157300	PROTECTIVE SHIELD	SQ YD	6,283	0	0	581	5,702	0	0	
50200100	STRUCTURE EXCAVATION	CU YD	447	0	0	0	447	0	0	
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2,587	0	2,587	0	0	0	0	
50300100	FLOOR DRAINS	EACH	30	0	0	18	12	0	0	
50300225	CONCRETE STRUCTURES	CU YD	291.8	0	0	0	291.8	0	0	

* SPECIALTY ITEMS

MODEL: S:\04_4\Sheet1
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	PLOT DATE = 3/24/2022	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
SUMMARY OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	7
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 4 OF 17 SHEETS STA. TO STA.

			LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
			COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
			FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
			CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	18	0	18	0	0	0	0
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	0	2	0	0	0	0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	0	2	0	0	0	0
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	2	0	2	0	0	0	0
54214533	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	4	0	4	0	0	0	0
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	21	0	21	0	0	0	0
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	776	0	776	0	0	0	0
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	94	0	94	0	0	0	0
542A8221	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	62	0	62	0	0	0	0
542A8233	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	214	0	214	0	0	0	0
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	1,260	0	1,260	0	0	0	0
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	260	0	260	0	0	0	0
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	270	0	270	0	0	0	0
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	10	0	10	0	0	0	0
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	654	0	654	0	0	0	0
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	377	0	377	0	0	0	0
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,093	0	1,093	0	0	0	0

* SPECIALTY ITEMS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
SUMMARY OF QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	9
CONTRACT NO. 70A29			ILLINOIS FED. AID PROJECT	

MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = cldunn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666667 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/24/2022	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET 6 OF 17 SHEETS STA. TO STA.

MODEL: S:\06\6\15\sheet1
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				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
			COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
			FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
			CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	243	0	243	0	0	0	0
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	58	0	58	0	0	0	0
550A2580	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FOOT	234	0	234	0	0	0	0
55101200	STORM SEWER REMOVAL 24"	FOOT	27	0	27	0	0	0	0
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	20	0	20	0	0	0	0
56109424	DUCTILE IRON WATER MAIN FITTINGS 12" 45.00 DEGREE BEND	EACH	4	0	4	0	0	0	0
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	414	0	0	0	414	0	0
58700300	CONCRETE SEALER	SQ FT	1,829	0	0	0	1,829	0	0
59000200	EPOXY CRACK INJECTION	FOOT	276	0	0	78	198	0	0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	282	0	0	0	282	0	0
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	292	198	94	0	0	0	0
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	136,741	81,942	54,799	0	0	0	0
60100915	PIPE DRAINS 6"	FOOT	2,679	2,495	184	0	0	0	0
60100945	PIPE DRAINS 12"	FOOT	906	190	716	0	0	0	0
60100965	PIPE DRAINS 18"	FOOT	61	0	61	0	0	0	0
60100985	PIPE DRAINS 24"	FOOT	57	0	57	0	0	0	0
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	6,631	5,750	881	0	0	0	0

2,679 2,495

MODEL: S:\00_7 (Sheet) FILE NAME: S:\2271003\0319020.00 (183-026 DS 174 Danville)\CADD\CADD Sheets\0570429-sh-SummaryQuantities.dgn

* SPECIALTY ITEMS

	USER NAME = cldunn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES	F.A.I. RTE. 74	SECTION (92-10,11,12)R	COUNTY VERMILION	TOTAL SHEETS 698	SHEET NO. 10
	PLOT SCALE = 0.16666667 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A29				
	PLOT DATE = 3/24/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: SHEET 7 OF 17 SHEETS		STA. TO STA.			REV. 6/2/22 REV. 5/13/22				

			LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
			COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
			FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
			CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	109,607	80,030	29,577	0	0	0	0
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	39,498	0	39,498	0	0	0	0
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	2,047	0	2,047	0	0	0	0
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	15,464	14,567	897	0	0	0	0
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	682	0	0	0	682	0	0
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	0	4	0	0	0	0
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	0	5	0	0	0	0
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	0	2	0	0	0	0
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	1	0	0	0	0
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	0	3	0	0	0	0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	36	34	2	0	0	0	0
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	0	2	0	0	0	0
60260100	INLETS TO BE ADJUSTED	EACH	2	0	2	0	0	0	0
60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	23	0	23	0	0	0	0
60500040	REMOVING MANHOLES	EACH	6	0	6	0	0	0	0
60500060	REMOVING INLETS	EACH	16	0	16	0	0	0	0
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	23	0	23	0	0	0	0

* SPECIALTY ITEMS

MODEL: S:\06815\sheet1
 FILE NAME: S:\271803\3719020.00 (183-026 DS 174 Danville)\CADD\CADD Sheets\DS70A29-8-17-SummaryOfQuantities.dgn

MAURER-STUTZ ENGINEERS SURVEYORS	USER NAME = cldunn	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666667 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/24/2022	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE 74 REHABILITATION
SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	11
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 8 OF 17 SHEETS STA. TO STA.

MODEL: S:\00_11 (Shts) FILE NAME: S:\271003\B3719\00_11.dwg 09/29/2022 10:09:38 AM SummaryOfQuantities.dgn

			LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
			COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
			FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
			CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	415	0	415	0	0	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	19	19	0	0	0	0	0
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	111,517	76,853	34,664	0	0	0	0
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,015	1,238	2,777	0	0	0	0
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	415	0	415	0	0	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,466	919	547	0	0	0	0
* 78112000	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	72	0	72	0	0	0	0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	88	0	88	0	0	0	0
* 78200021	HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS	EACH	50	0	50	0	0	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,089	895	194	0	0	0	0
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	84,486	46,567	37,919	0	0	0	0
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	0	0	0	0	1	0
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	770	0	0	0	0	770	0
* 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	30						30
* 81603035	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5,754	0	0	0	0	4,756	998
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	480						480
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	76	0	0	0	0	26	50
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3,495						3,495
* 82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	1	0	0	0	0	1	0
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	60						60
* 83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6"	EACH	4	0	0	0	0	0	4

* SPECIALTY ITEMS

	USER NAME = cldunn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES	F.A.I. RTE. 74	SECTION (92-10,11,12)R	COUNTY VERMILION	TOTAL SHEETS 698	SHEET NO. 15
	PLOT SCALE = 0.16666667 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A29				
	PLOT DATE = 3/24/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: SHEET 12 OF 17 SHEETS		STA. TO STA.							

MODEL: S:\03_13 (Sheet)
 FILE NAME: S:\27\1018\2719020.00 (183-026 DS L74 Danville)\CADD\CADD Sheets\DS70A29-sh-SummaryQuantities.dgn

			LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
			COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
			FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
			CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	16	0	0	0	0	0	16
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	4	0	0	0	0	0	4
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2	0	0	0	0	2	0
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2	0	0	0	0	2	0
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2	0	0	0	0	2	0
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,396	0	0	0	0	836	1,560
* 895023 50	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	450						450
X0301728	CONCRETE COLLAR, SPECIAL	CU YD	0.4	0.4	0	0	0	0	0
X0322584	REVTMENT MAT REMOVAL	SQ YD	119	0	119	0	0	0	0
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	7	0	7	0	0	0	0
X0323491	SLOPE WALL CRACK SEALING	FOOT	641.5	0	0	40	601.5	0	0
X0323586	PIPE DRAIN REMOVAL	FOOT	2,859	1,153	1,706	0	0	0	0
X0325110	BIAXIAL GEOGRID	SQ YD	75,962	5,129	70,833	0	0	0	0
X0325379	DIRECTIONAL BORING	FOOT	2,640	2,495	145	0	0	0	0
X0325748	ACRYLIC COATING	SQ YD	53.5	0.0	0.0	45.9	7.6	0.0	0.0
X0325749	FIBER WRAP	SQ FT	481	0	0	413	68	0	0
X0326331	CLEANING AND PAINTING BEARINGS	EACH	14	0	0	0	14	0	0
X0326664	CURED-IN-PLACE PIPE LINER, 36"	FOOT	351	0	351	0	0	0	0

* SPECIALTY ITEMS

	USER NAME = cldunn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES	F.A.I. RTE. 74	SECTION (92-10,11,12)R	COUNTY VERMILION	TOTAL SHEETS 698	SHEET NO. 16	
	PLOT SCALE = 0.16666667 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A29					
	PLOT DATE = 3/24/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET 13	OF 17	SHEETS	STA.	TO STA.

	LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
		INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
		RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
		ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
		STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
		STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
	COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
	FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
	CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
Z0001905	STRUCTURAL STEEL REPAIR	POUND	9,030	0	0	0	9,030	0	0
Z0003600	BEAM STRAIGHTENING	L SUM	1	0	0	0	1	0	0
Z0004552	APPROACH SLAB REMOVAL	SQ YD	1,231	0	1,231	0	0	0	0
Z0005600	BREAKING PAVED DITCH	FOOT	7,894	343	7,551	0	0	0	0
Z0006012	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES	SQ YD	549	0	0	549	0	0	0
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	762	0	0	762	0	0	0
Z0006016	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 3/4 INCHES	SQ YD	12,939	0	0	0	12,939	0	0
* Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	0	0	0	1	0	0
* Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1	0	0	0	1	0	0
* Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1	0	0	0	1	0	0
* Z0007104	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 4	L SUM	1	0	0	0	1	0	0
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	0	0	0	1	0	0
* Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	0	0	0	1	0	0
* Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	L SUM	1	0	0	0	1	0	0
* Z0010504	CLEANING AND PAINTING STEEL BRIDGE NO. 4	L SUM	1	0	0	0	1	0	0
* Z0010505	CLEANING AND PAINTING STEEL BRIDGE NO. 5	L SUM	1	0	0	0	1	0	0
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	14,938	0	0	1,311	13,627	0	0

* SPECIALTY ITEMS

MODEL: S:\00_16 (5h) FILE NAME: S:\2710016\3710020.00 (183-026 DS 174 Danville)\CADD\CADD Sheets\057049-4th Summary\0Quantities.dgn

	USER NAME = cldunn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666667 ' / in.	CHECKED -	REVISED -			74	(92-10,11,12)R	VERMILION	698	19
	PLOT DATE = 3/24/2022	DATE -	REVISED -			CONTRACT NO. 70A29				
						SCALE:	SHEET 16 OF 17 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	
				INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	
				ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING	
				STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	
				STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	
				COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
				FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
				CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021
TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY			
Z0012160	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 1 1/4"	SQ YD	688	0	0	0	688	0	0	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	1,431	0	0	264	1,167	0	0	
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	70	0	0	20	50	0	0	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.20	0.40	0.10	0.20	0.05	0.05	
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	141.3	0.0	0.0	75.0	66.3	0.0	0.0	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	145.5	0.0	0.0	70.0	75.5	0.0	0.0	
Z0016702	DETOUR SIGNING	L SUM	1	0.2	0.8	0	0	0	0	
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	2	0	0	2	0	0	0	
Z0018051	DRAINAGE SCUPPERS TO BE ADJUSTED	EACH	13	0	0	0	13	0	0	
Z0022800	FENCE REMOVAL	FOOT	60	0	60	0	0	0	0	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	13,665	0	0	0	13,665	0	0	
Z0034105	MATERIAL TRANSFER DEVICE	TON	71,477	27,662	43,815	0	0	0	0	
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	57.0	0.0	0.0	0.0	57.0	0.0	0.0	
Z0038700	PERMANENT BENCH MARKS	EACH	1	0	1	0	0	0	0	
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	109,963	68,802	41,161	0	0	0	0	
Z0041895	POLYMER CONCRETE	CU FT	7.0	0	0	2.0	5.0	0	0	
Z0049790	RELOCATING NAME PLATES	EACH	6	0	0	0	6	0	0	

MODEL: S:\0017 (Sheet)
 FILE NAME: S:\23710019\23719020.00 (193-026 DS L74 Dam)\0\0\CADD\CADD Sheets\0570A29-04H-SummaryOfQuantities.dgn

*** SPECIALTY ITEMS**

	USER NAME = jdspiller	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666633 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/25/2022	CHECKED -	REVISED -
		DATE -	REVISED -

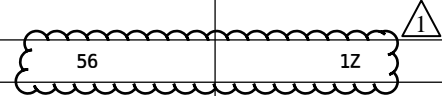
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES			
SCALE:	SHEET 17	OF 17 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	20
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

LOCATION OF WORK:	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74	FAI 74
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
	ROADWAY	ROADWAY	STRUCTURE	STRUCTURE	LIGHTING	LIGHTING
	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44	STA. 1682+90.00	STA. 1866+73.44
	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00	STA. 1866+73.44	STA. 1951+00.00
COUNTY:	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION	VERMILION
FUNDING BREAKOUT:	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE	90% FED / 10% STATE
CONSTRUCTION CODE:	0004	0004	0059	0059	0021	0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
Z0062456	TEMPORARY PAVEMENT	SQ YD	339	0	339	0	0	0	0
Z0065700	SLOPE WALL REPAIR	SQ YD	68Z	0	0	110	57Z	0	0
Z0065730	SLOPE WALL SLURRY PUMPING	CU YD	105	0	0	53	52	0	0
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	39	0	0	0	39	0	0
Z0073351	TEMPORARY SLAB SUPPORT SYSTEM	L SUM	1	0	0	0	1	0	0
Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1	0	0	0	1	0	0
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	56	1Z	44	0	0	0	0
X1700121	EPOXY INJECTION	FOOT	108	0	0	0	108	0	0
Z0076600	TRAINEES	HOUR	9000	9000					
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	9000	9000					



MODEL: S:\00_17A... FILE NAME: S:\237\019\32319020_00 (193-026 DS 1-74 Dam)\(0)CADDCADD Sheets\DS70A29-sh-SummaryOfQuantities.dgn

* SPECIALTY ITEMS Ø 0042

	USER NAME = cidunn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION SUMMARY OF QUANTITIES	F.A.I. RTE. 74	SECTION (92-10,11,12)R	COUNTY VERMILION	TOTAL SHEETS 698	SHEET NO. 20A
	PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70A29				
PLOT DATE = 3/24/2022	DATE -	REVISED -	SCALE:			SHEET 17A OF 17 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
REV. 6/2/22 REV. 5/13/22 REV. 5/9/22 REV. 5/6/22										

STORM SEWER SCHEDULE																		
					CODE NO.	550A0070	550A0360	550A0090	550A0380	550A0120	550A0410	550A0710	550A0140	550A0430	550A2580	X1200160	20800150	
					STORM SEWERS, CLASS A													
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE	TYPE 1, 15"	TYPE 2, 15"	TYPE 1, 18"	TYPE 2, 18"	TYPE 1, 24"	TYPE 2, 24"	TYPE 3, 24"	TYPE 1, 30"	TYPE 2, 30"	TYPE 2, 30" RUBBER GASKET	CONNECTION TO EXISTING DRAINAGE STRUCTURE	TRENCH BACKFILL	
			FT	FT	%	FT	FT		FT		FT					EACH	CU YD	
P001	S001	S002	635.20	630.20	2.00	250.0												
P002	S002	S003	630.10	625.10	2.02		248.0											
P003	S003	S010	625.00	621.90	2.58	120.0												
P004	S004	S004A	617.05	616.95	0.67									15.0				
P004A	S004A	S010	616.90	616.44	0.40									115.0				
P007	S007	S005	615.70	615.40	0.32	93.0											28.6	
P008	S008	S006	612.30	612.00	0.31	97.0											30.4	
P008A	S008A	S008	612.40	612.35	0.50	10.0												
P009	S009	S004	617.60	617.15	0.50												61.5	
P009A	S009A	S009	617.80	617.60	2.00													
P010	S010	S010A	616.40	616.05	0.44													
P011	S010A	S011	616.00	615.80	0.50									79.0			90.4	
P012	S012	S013	609.28	609.22	0.37									34.0				
P013	S013	S014	609.17	608.37	0.40		16.0											
P014	S014	S015	608.32	607.56	0.40		200.0											
P015	S015	S016	607.51	606.51	0.40			250.0										
P016	S016	S017A	606.46	605.50	0.40					240.0								
P016A	S017A	S017	605.45	605.41	0.40					10.0								
P017	S017	S018	605.36	605.12	0.39						61.0							
P018	S018	S019	605.07	604.41	0.40						165.0							
P019	S019	S020	604.36	603.50	0.40						215.0							
P020	S020	S021A	603.45	602.49	0.40						240.0							
P020A	S021A	S021	602.44	602.40	0.40								10.0					
P021	S021	S022	602.35	601.40	0.41										234.0		165.5	
P023	S023	S024	604.00	603.00	0.40	250.0												
P024	S024	S025A	602.95	602.00	0.40	240.0												
P025A	S025A	S025	601.95	601.85	1.00			10.0										
P025	S025	ES001	601.80	601.30	0.56				89.0							1.0	150.3	
P026	S026	S029	590.25	590.00	0.43								58.0					
P027	S027	S028	601.85	600.50	0.68	200.0												
P028	S028	S026	599.10	598.80	0.42							71.0					65.2	
P028A	S028A	S028	599.20	599.15	0.50							10.0						
P030	S030	S028A	600.25	599.25	0.41							241.0						
P031A	S030A	S030	600.35	600.30	0.50					10.0								
P031	S031	S030A	601.35	600.40	0.40				238.0									
P032	S032	S031	601.60	601.40	0.40				50.0									
TOTAL						1260	654	260	377	270	1093	58	10	243	234	1	592	



WATER MAIN SCHEDULE						
LOCATION				DUCTILE IRON WATER MAIN 12"	DUCTILE IRON WATER MAIN FITTINGS 12" - 45 DEG. BEND	TRENCH BACKFILL
FROM STA.	OFFSET	TO STA.	OFFSET	56103300 FOOT	56109424 EACH	20800150 CU YD
1935+63.3	60 LT	1935+63.3	80 LT	20		17.4
		1935+63.3	60 LT		2	
		1935+63.3	80 LT		2	
TOTAL				20	4	17.4
ROUNDED				20	4	17

MODEL: I0 STORM SEWER 1
 FILE NAME: I:\GIS\2021\911\911_PTB 193-026 174 Reconstruction\Drawings\CAD_Sheets\DS70A29-shd-Schedules-Underdrains.dgn

Prairie Engineers, P.C.
 404 N. Main Street
 Columbia, IL 62236
 (217) 605-0403
 www.prairieengineers.com
professional design firm no. 164-005965
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USER NAME	BBrennan	DESIGNED	-	REVISED	- 5/31/22 - RNH
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= 0.16666667 ' / in.	DATE	-	REVISED	-
PLOT DATE	= 5/27/2022				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
 DRAINAGE SCHEDULES**

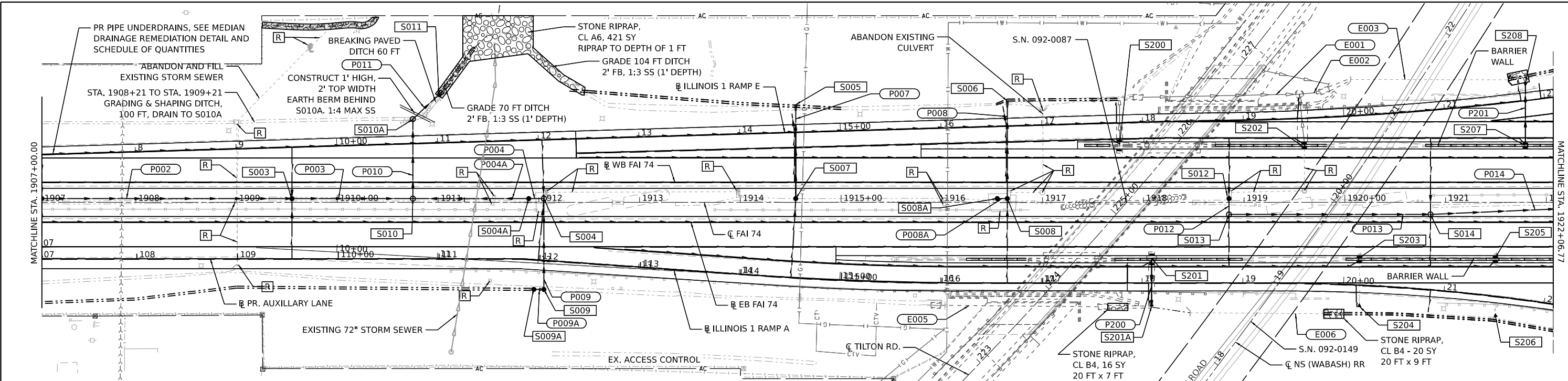
SCALE: SHEET 31 OF 50 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10.11,12)R	VERMILION	698	66
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

REV. 6/2/22

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DATE
	NO.
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
	DATE
	NO.



LEGEND

FB FLAT BOTTOM
SS SIDE SLOPE
[S001] STRUCTURE
[ES001] EX STRUCTURE
(001) PIPE CULVERT
(E001) EX PIPE OR STORM SEWER
(P001) NEW STORM SEWER
[R] REMOVAL ITEMS

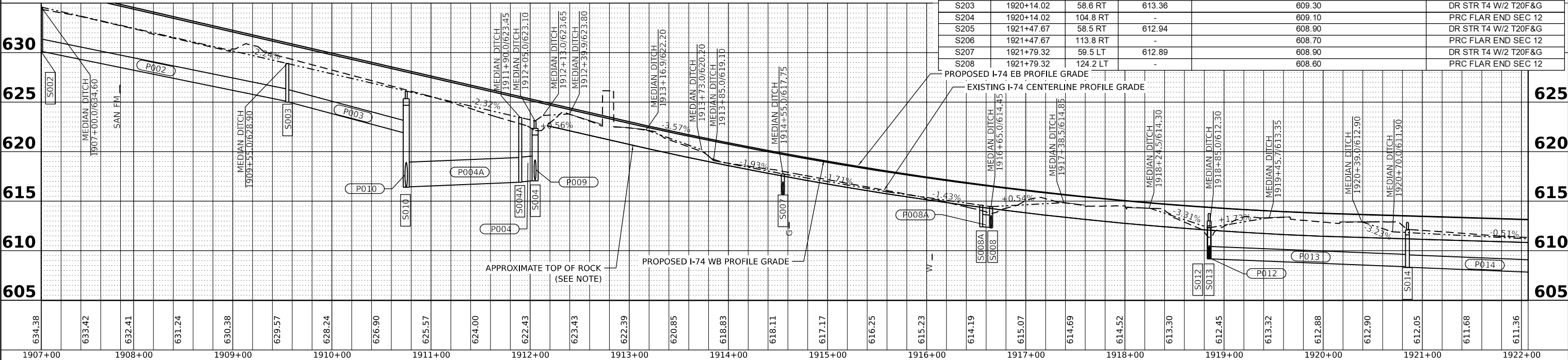
SCALE IN FEET
0 50 100 150

NOTE:
ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION. THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH IS COMBINED WITH INSTALLING STONE RIPRAP, NO BEDDING OR FILTER FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.

PIPE	STR	STR	LENGTH (FT)	TYPE	SLOPE (%)	TBF (CY)
P002	S002	S003	248.0	STORM SEW CL A 2 15	2.02	0
P003	S003	S010	120.0	STORM SEW CL A 1 15	2.58	0
P004	S004	S004A	15.0	STORM SEW CL A 2 30	0.67	0
P004A	S004A	S010	115.0	STORM SEW CL A 2 30	0.40	0
P007	S007	S005	93.0	STORM SEW CL A 1 15	0.32	29
P008	S008	S006	97.0	STORM SEW CL A 1 15	0.31	30
P008A	S008A	S008	10.0	STORM SEW CL A 1 15	0.50	0
P009	S009	S004	90.0	STORM SEW CL A 2 24	0.50	62
P009A	S009A	S009	10.0	STORM SEW CL A 1 24	2.00	0
P010	S010	S010A	79.0	STORM SEW CL A 2 30	0.44	90
P011	S010A	S011	34.0	STORM SEW CL A 2 30	0.50	0
P012	S012	S013	16.0	STORM SEW CL A 2 15	0.37	0
P013	S013	S014	200.0	STORM SEW CL A 2 15	0.40	0
P014	S014	S015	190.0	STORM SEW CL A 2 15	0.40	0
P200	S201	S201A	48.0	PIPE DRAINS 12	0.27	17
P201	S207	S208	65.0	PIPE DRAINS 12	0.46	32

STR	STATION	OFFSET (FT)	T/GRATE ELEV (FT)	INVERT ELEV (FT)	STRUCTURE TYPE
S002	1909+55.00	4 LT	628.90	626.9 N, 626.9 S, 625 E, 625.1 W	FL INLT BX MED 542546
S003	1911+90.00	4 LT	623.45	616.95 E, 616.9 W	FL INLT BX MED 542546
S004	1912+05.00	4 LT	623.10	617.15 S, 617.05 W, 620.1 NW, 620.1 SW	MAN TA 6 DIA T1F OL
S005	1914+55.00	97 LT	NA	615.4 S	PRC FLAR END SEC 15
S006	1916+65.00	101 LT	NA	612.5 S	PRC FLAR END SEC 15
S007	1914+55.00	4 LT	617.75	615.7 N, 616.1 S, 616.1 S	FL INLT BX MED 542546
S008	1916+65.00	4 LT	614.45	612.3 N, 612.7 S, 612.35 W	FL INLT BX MED 542546
S008A	1916+55.00	4 LT	614.60	612.4 E	FL INLT BX MED 542546
S009	1912+05.00	87 RT	620.60	617.6 N, 617.6 W	FL INLT BX MED 542546
S009A	1911+95.00	87 RT	620.80	617.8 E	FL INLT BX MED 542546
S010	1910+75.00	4 LT	626.10	616.4 N, 616.44 E, 621.9 W	MAN TA 6 DIA T1F OL
S010A	1910+75.00	83 LT	624.00	616.05 S, 616 NE	MAN TA 6 DIA T1F OL
S011	1911+04.20	110 LT	NA	615.8 NE	PRC FLAR END SEC 30
S012	1918+85.00	4 LT	612.30	610.3 N, 609.28 S	FL INLT BX MED 542546
S013	1918+85.00	12 RT	613.75	609.22 N, 610.6 S, 609.17 E	MAN TA 4 DIA T1F CL
S014	1920+85.00	12 RT	612.85	609 N, 609.8 S, 608.32 E, 608.37 W	MAN TA 4 DIA T1F CL
S200	1917+76.30	59.5 LT	615.06	610.80	DR STR T4 W/2 T20F&G
S201	1918+08.15	60.0 RT	614.61	611.40	DR STR T4 W/2 T20F&G
S201A	1918+08.15	103.0 RT	-	611.25	PRC FLAR END SEC 12
S202	1919+60.00	59.3 LT	613.67	608.70	DR STR T4 W/2 T20F&G
S203	1920+14.02	58.6 RT	613.36	609.30	DR STR T4 W/2 T20F&G
S204	1920+14.02	104.8 RT	-	609.10	PRC FLAR END SEC 12
S205	1921+47.67	58.5 RT	612.94	608.90	DR STR T4 W/2 T20F&G
S206	1921+47.67	113.8 RT	-	608.70	PRC FLAR END SEC 12
S207	1921+79.32	59.5 LT	612.89	608.90	DR STR T4 W/2 T20F&G
S208	1921+79.32	124.2 LT	-	608.60	PRC FLAR END SEC 12



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USER NAME = BBrennan
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 5/31/22 - RNH
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
I 74 DRAINAGE PLAN AND PROFILE**

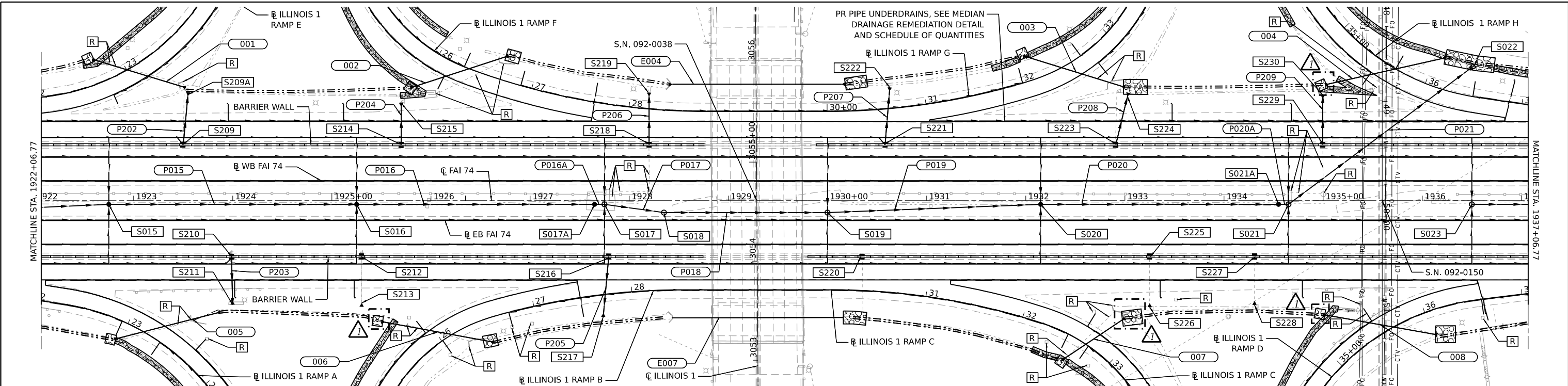
SCALE: 1" = 50'
SHEET 5 OF 12 SHEETS
STA. 1907+00.00 TO STA. 1922+06.77

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	235

CONTRACT NO. 70A29
ILLINOIS FED. AID PROJECT

DATE	
BY	
PLAN	
NO.	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHECKED	
GRADES CHECKED	
ALIGNED CHECKED	
PLOTTED	
SURVEYED	

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



STR	STATION	OFFSET (FT)	T/GRATE ELEV (FT)	INVERT ELEV (FT)	STRUCTURE TYPE	STR	STATION	OFFSET (FT)	T/GRATE ELEV (FT)	INVERT ELEV (FT)	STRUCTURE TYPE	PIPE	STR	STR	LENGTH (FT)	TYPE	SLOPE (%)	TBF (CY)	
S015	1922+75.00	4 RT	610.85	608.8 N, 608.8 S, 607.51 E, 607.56 W	FL INLT BX MED 542546	S209	1923+50.14	59.4 LT	612.48	609.10	DR STR T4 W/2 T20F&G	P015	S015	-	S016	250.0	STORM SEW CL A 1 18	0.40	0
S016	1925+25.00	4 RT	610.10	607.6 N, 607.6 S, 606.46 E, 606.51 W	FL INLT BX MED 542546	S209A	1923+51.00	110.4 LT	-	608.80	PRC FLAR END SEC 12	P016	S016	-	S017A	240.0	STORM SEW CL A 1 24	0.40	0
S017	1927+75.00	4 RT	609.35	606.3 N, 606.3 S, 605.36 E, 605.41 W	MAN TA 4 DIA T1F OL	S210	1923+99.64	58.5 RT	612.35	608.30	DR STR T4 W/2 T20F&G	P016A	S017A	-	S017	10.0	STORM SEW CL A 1 24	0.40	0
S017A	1927+65.00	4 RT	609.40	605.45 E, 605.5 W	FL INLT BX MED 542546	S211	1923+99.64	105.7 RT	-	605.80	PRC FLAR END SEC 12	P017	S017	-	S018	61.0	STORM SEW CL A 2 24	0.39	0
S018	1928+35.00	12 RT	610.80	605.07 E, 605.12 W	MAN TA 4 DIA T1F CL	S212	1925+29.74	59.4 RT	612.01	607.90	DR STR T4 W/2 T20F&G	P018	S018	-	S019	165.0	STORM SEW CL A 2 24	0.40	0
S019	1930+00.00	12 RT	610.30	606.8 N, 606.8 S, 604.36 E, 604.41 W	MAN TA 4 DIA T1F CL	S213	1925+29.74	103.3 RT	-	607.70	PRC FLAR END SEC 12	P019	S019	-	S020	215.0	STORM SEW CL A 2 24	0.40	0
S020	1932+15.00	4 RT	608.05	605.8 N, 605.8 S, 603.45 E, 603.5 W	FL INLT BX MED 542546	S214	1925+69.96	59.5 LT	611.88	607.90	DR STR T4 W/2 T20F&G	P020A	S020	-	S021A	240.0	STORM SEW CL A 2 24	0.40	0
S021	1934+65.00	4 RT	607.35	604.4 N, 604.4 S, 602.4 W, 602.35 NE	MAN TA 5 DIA T1F OL	S215	1925+69.96	112.5 LT	-	607.70	PRC FLAR END SEC 12	P020A	S021A	-	S021	10.0	STORM SEW CL A 1 30	0.40	0
S021A	1934+55.00	4 RT	607.35	602.44 E, 602.49 W	FL INLT BX MED 542546	S216	1927+80.00	56 RT	611.28	607.30	DR STR T4 W/2 T20F&G	P021	S021	-	S022	234.0	SS RG CL A 2 30	0.41	166
S022	1936+52.50	136 LT	NA	601.4 SW	PRC FLAR END SEC 30	S217	1927+80.00	104.5 RT	-	607.00	PRC FLAR END SEC 12	P202	S209	-	S204	54.0	PIPE DRAINS 12	0.56	17
S023	1936+50.00	4 RT	607.80	605 N, 605 S, 604 E	MAN TA 4 DIA T1F OL	S218	1928+20.12	58.6 LT	611.07	606.60	DR STR T4 W/2 T20F&G	P203	S210	-	S211	47.0	PIPE DRAINS 12	5.74	21
						S219	1928+20.12	119.8 LT	-	606.30	PRC FLAR END SEC 18	P204	S214	-	S215	53.0	PIPE DRAINS 12	0.38	22
						S220	1930+35.20	59.0 RT	610.55	604.80	DR STR T4 W/2 T20F&G	P205	S216	-	S217	49.0	PIPE DRAINS 12	0.61	29
						S221	1930+58.00	56.0 LT	610.33	606.50	DR STR T4 W/2 T20F&G	P206	S218	-	S219	61.0	PIPE DRAINS 18	0.49	34
						S222	1930+58.00	113.8 LT	-	606.30	PRC FLAR END SEC 12	P207	S221	-	S222	43.0	PIPE DRAINS 12	0.47	27
						S223	1932+90.58	59.2 LT	609.72	605.80	DR STR T4 W/2 T20F&G	P208	S223	-	S224	52.0	PIPE DRAINS 12	0.38	20
						S224	1933+03.00	108.9 LT	-	605.60	PRC FLAR END SEC 12	P209	S229	-	S230	57.0	PIPE DRAINS 24	0.53	28
						S225	1933+24.90	59.1 RT	609.69	603.40	DR STR T4 W/2 T20F&G								
						S226	1933+24.90	107.3 RT	-	603.10	PRC FLAR END SEC 12								
						S227	1934+30.84	59.0 RT	609.45	603.60	DR STR T4 W/2 T20F&G								
						S228	1934+30.84	105.1 RT	-	603.20	PRC FLAR END SEC 12								
						S229	1934+99.52	59.4 LT	609.01	604.00	DR STR T4 W/2 T20F&G								
						S230	1934+99.52	106.0 LT	-	603.70	PRC FLAR END SEC 24								

NOTES:
 ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION. THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

SEE RAMP DRAINAGE PLANS FOR CULVERTS 001-008 AND E004 AND E007 AND OUTLET PROTECTION.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.

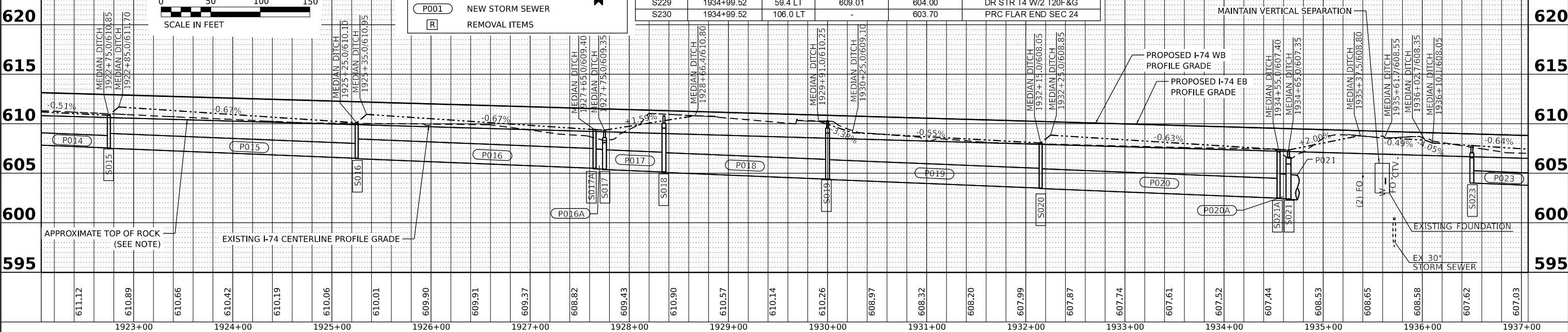
LEGEND

FB FLAT BOTTOM
 SS SIDE SLOPE

[S001] STRUCTURE
 [ES001] EX STRUCTURE

(001) PIPE CULVERT
 (E001) EX PIPE OR STORM SEWER
 (P001) NEW STORM SEWER

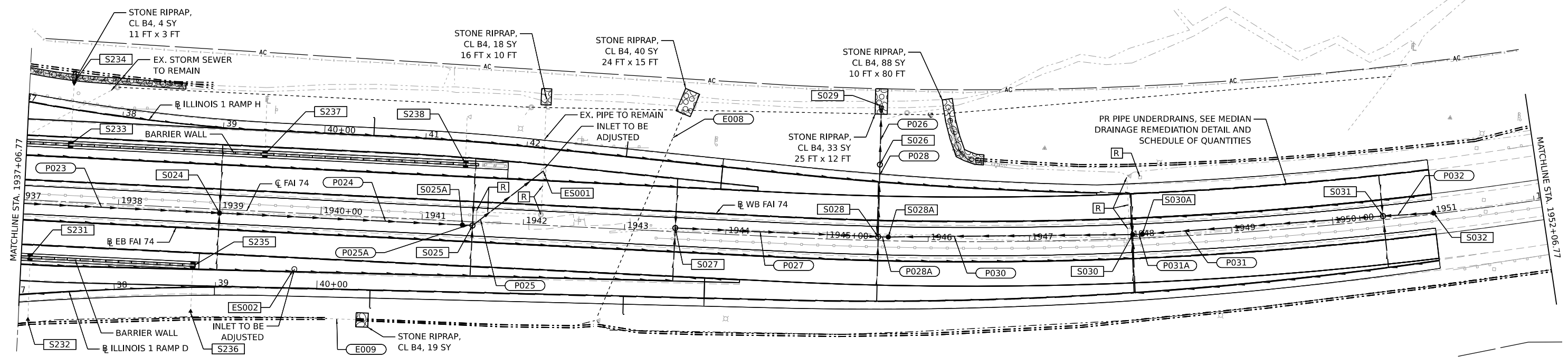
[R] REMOVAL ITEMS



Prairie Engineers, P.C. 404 N. Main Street Columbia, IL 62238 (217) 695-0403 www.prairieengineers.com <small>Professional design firm no. 194-019965 Copyright Prairie Engineers of Illinois, P.C. 2019</small>	USER NAME = BBrennan PLOT SCALE = 0.16666633' / in. PLOT DATE = 5/27/2022	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - Δ 5/31/22 - RNH REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSTATE 74 REHABILITATION I-74 DRAINAGE PLAN AND PROFILE	F.A.I. R.T.E. = 74 SECTION = (92-10,11,12)R COUNTY = VERMILION TOTAL SHEETS = 698 SHEET NO. = 237 CONTRACT NO. 70A29	SCALE: 1" = 50' SHEET 7 OF 12 SHEETS STA. 1922+06.77 TO STA. 1937+06.77	ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHK'D	
	NO. _____	
	NOTE BOOK	
	NO. _____	



STR	STATION	OFFSET (FT)	T/GRATE ELEV (FT)	INVERT ELEV (FT)	STRUCTURE TYPE
S024	1939+00.00	4 RT	606.20	604.2 N, 604.2 S, 602.95 E, 603 W	FL INLT BXMED 542546
S025	1941+50.00	4 RT	605.60	602.2 N, 602.2 S, 601.85 W, 601.8 NE	MAN TA 4 DIA T1F OL
S025A	1941+40.00	4 RT	605.65	601.95 E, 602 W	FL INLT BXMED 542546
ES001	1942+17.30	54 LT	607.10	601.32 EX N, 600.69 EX S, 601.30 PR SW	EX INLET
S026	1945+50.50	75 LT	604.00	590.25 N, 598.8 S	MAN TA 5 DIA T1F CL
S027	1943+50.00	4 LT	605.90	603 N, 603 S, 601.85 E	MAN TA 4 DIA T1F OL
S028	1945+50.50	4 LT	604.75	599.1 N, 601.3 S, 599.15 E, 600.5 W, 601.3 NW	MAN TA 5 DIA T1F OL
S028A	1945+60.50	4 LT	604.70	599.25 E, 599.2 W	FL INLT BXMED 542546
S029	1945+50.50	133 LT	NA	590 S	PRC FLAR END SEC 24
S030	1948+01.50	4 LT	604.75	600.3 E, 600.25 W, 602.2 NW, 602.2 NE, 602.2 SW, 602.2 SE	FL INLT BXMED 542546
S030A	1948+11.50	4 LT	604.75	600.4 E, 600.35 W	FL INLT BXMED 542546
S031	1950+50.00	4 LT	606.10	603.1 N, 603.1 S, 601.4 E, 601.35 W	MAN TA 4 DIA T1F CL
S032	1951+00.00	1 LT	604.60	601.6 W	FL INLT BXMED 542546
S231	1937+15.51	59.0 RT	608.68	604.30	DR STR T4 W/2 T20F&G
S232	1937+15.51	115.6 RT	-	603.60	PRC FLAR END SEC 12
S233	1937+50.02	59.0 LT	608.40	603.72	DR STR T4 W/2 T20F&G
S234	1937+50.02	118.3 LT	-	602.45	PRC FLAR END SEC 12
S235	1938+76.26	58.7 RT	608.51	601.79	DR STR T4 W/2 T20F&G
S236	1938+76.26	103.3 RT	-	601.69	PRC FLAR END SEC 12
S237	1939+42.11	59.1 LT	607.92	601.85	DR STR T4 W/2 T20F&G
S238	1941+40.01	58.9 LT	607.39	601.29	DR STR T4 W/2 T20F&G

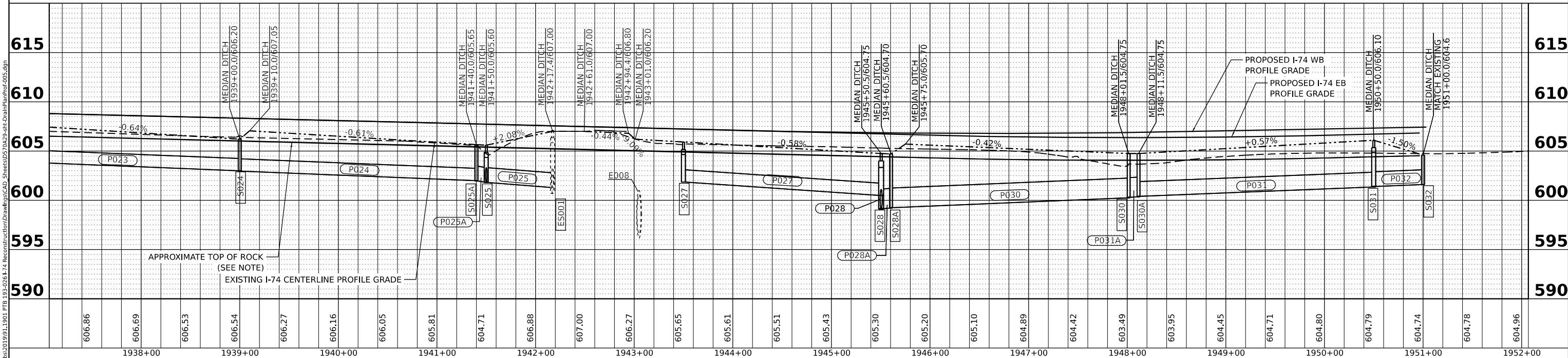
PIPE	STR	STR	LENGTH (FT)	TYPE	SLOPE (%)	TBF (CY)
P023	S023	S024	250.0	STORM SEW CL A 1 15	0.40	0
P024	S024	S025A	240.0	STORM SEW CL A 1 15	0.40	0
P025A	S025A	S025	10.0	STORM SEW CL A 1 18	1.00	0
P025	S025	ES001	89.0	STORM SEW CL A 2 18	0.56	150
P026	S026	S029	58.0	STORM SEW CL A 3 24	0.43	0
P027	S027	S028	200.0	STORM SEW CL A 1 15	0.68	0
P028	S028	S026	71.0	STORM SEW CL A 2 24	0.42	65
P028A	S028A	S028	10.0	STORM SEW CL A 2 24	0.50	0
P030	S030	S028A	241.0	STORM SEW CL A 2 24	0.41	0
P031A	S030A	S030	10.0	STORM SEW CL A 1 24	0.50	0
P031	S031	S030A	238.0	STORM SEW CL A 2 18	0.40	0
P032	S032	S031	50.0	STORM SEW CL A 2 18	0.40	0
E008			216.0	54" RCP	4.06	
E009			29.0	24" CMP	0.62	

NOTE:
ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION. THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.

LEGEND

- FB FLAT BOTTOM
- SS SIDE SLOPE
- S001 STRUCTURE
- ES001 EX STRUCTURE
- 001 PIPE CULVERT
- E001 EX PIPE OR STORM SEWER
- P001 NEW STORM SEWER
- R REMOVAL ITEMS



MODEL: D570A29-shr-Plan-Recm-005
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/27/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSTATE 74 REHABILITATION
I-74 DRAINAGE PLAN AND PROFILE

SCALE: 1" = 50' SHEET 9 OF 12 SHEETS STA. 1937+06.77 TO STA. 1952+06.77

F.A.I. RTE. 74	SECTION (92-10.11,12)R	COUNTY VERMILION	TOTAL SHEETS 698	SHEET NO. 239
CONTRACT NO. 70A29			ILLINOIS FED. AID PROJECT	

LEGEND

FB FLAT BOTTOM
 SS SIDE SLOPE


S001 STRUCTURE
 ES001 EX STRUCTURE

001 PIPE CULVERT
 E001 EX PIPE OR STORM SEWER

P001 NEW STORM SEWER

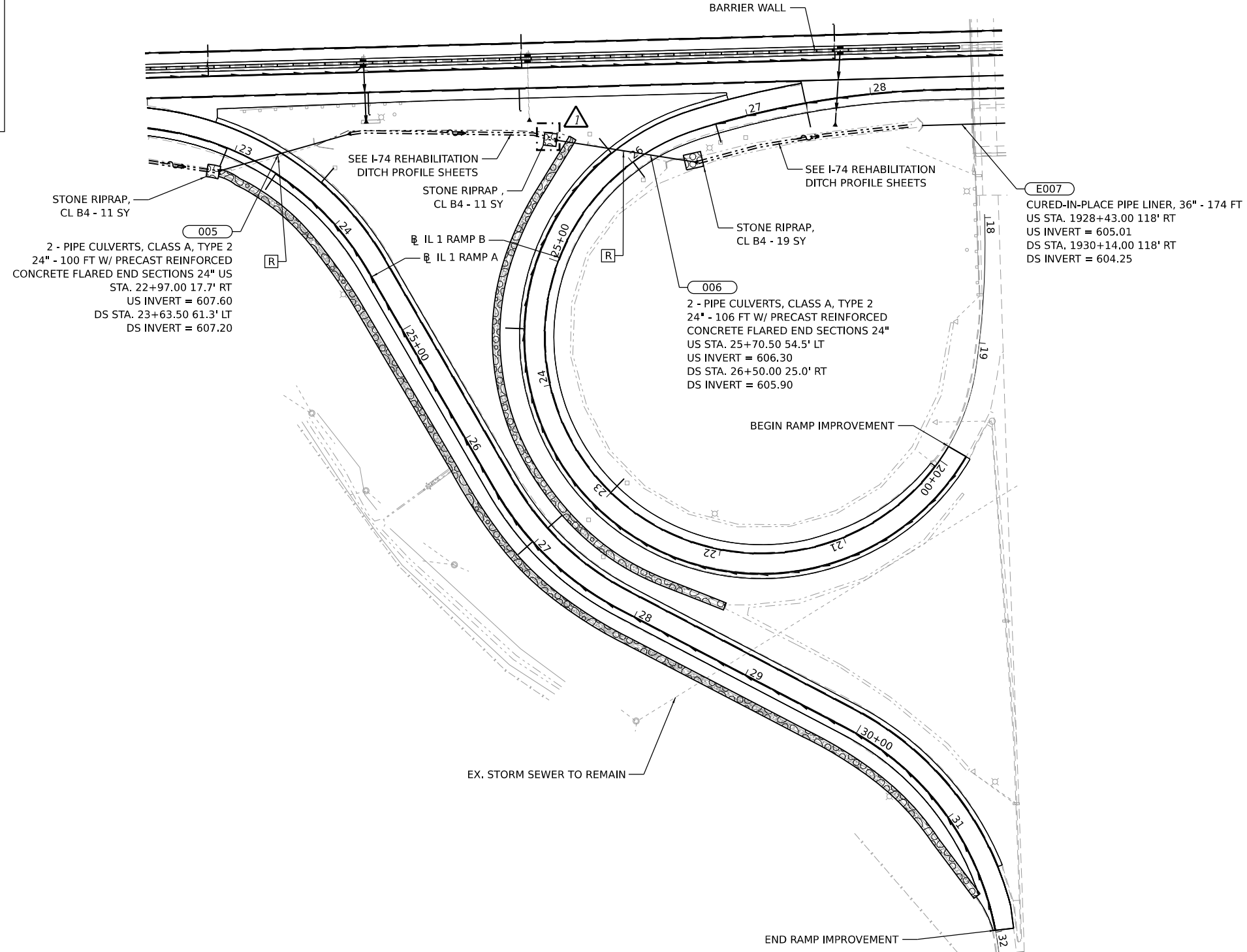
R REMOVAL ITEMS

0 50 100 150
 SCALE IN FEET



NOTE:
 ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION. THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.



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 404 N. Main Street
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PLOT DATE = 5/27/2022	CHECKED -	REVISED -	
	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
 IL 1 RAMP A AND B DRAINAGE PLAN**

SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 1682+00.00 TO STA. 1712+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	243
CONTRACT NO. 70A29				
		ILLINOIS	FED. AID PROJECT	

LEGEND


FB FLAT BOTTOM
 SS SIDE SLOPE

S001 STRUCTURE
 ES001 EX STRUCTURE

001 PIPE CULVERT
 E001 EX PIPE OR STORM SEWER
 P001 NEW STORM SEWER

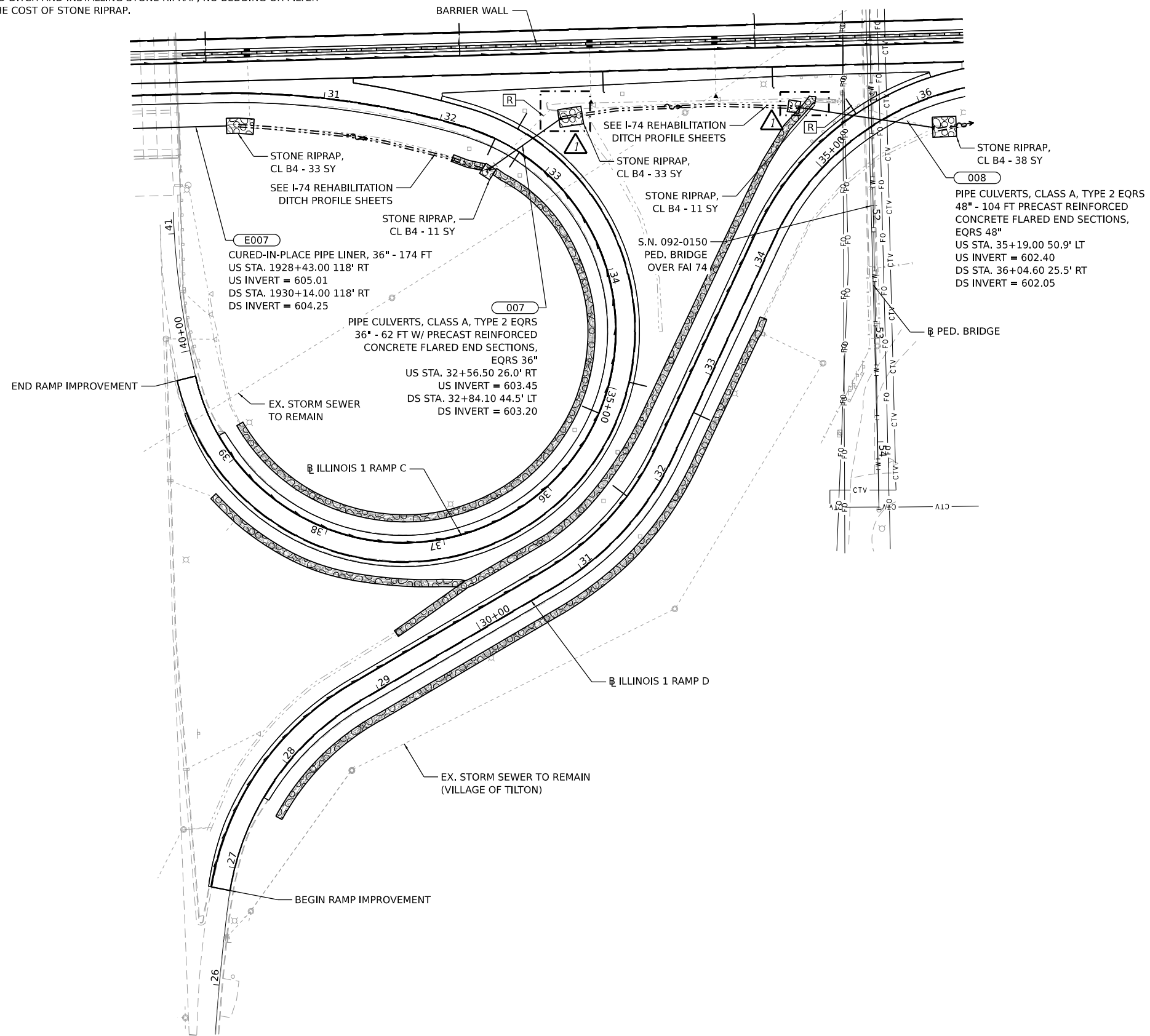
R REMOVAL ITEMS

0 50 100 150
 SCALE IN FEET



NOTE:
 ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB
 PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION.
 THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER
 FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.



008
 PIPE CULVERTS, CLASS A, TYPE 2 EQRS
 48" - 104 FT PRECAST REINFORCED
 CONCRETE FLARED END SECTIONS,
 EQRS 48"
 US STA. 35+19.00 50.9' LT
 US INVERT = 602.40
 DS STA. 36+04.60 25.5' RT
 DS INVERT = 602.05

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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -	
PLOT DATE = 5/27/2022	CHECKED -	REVISED -	
	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
 IL 1 RAMP C AND D DRAINAGE PLAN**

SCALE: 1" = 50'
 SHEET 2 OF 4 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	244
CONTRACT NO. 70A29				

LEGEND

FB FLAT BOTTOM
 SS SIDE SLOPE

S001 STRUCTURE
 ES001 EX STRUCTURE

001 PIPE CULVERT
 E001 EX PIPE OR STORM SEWER

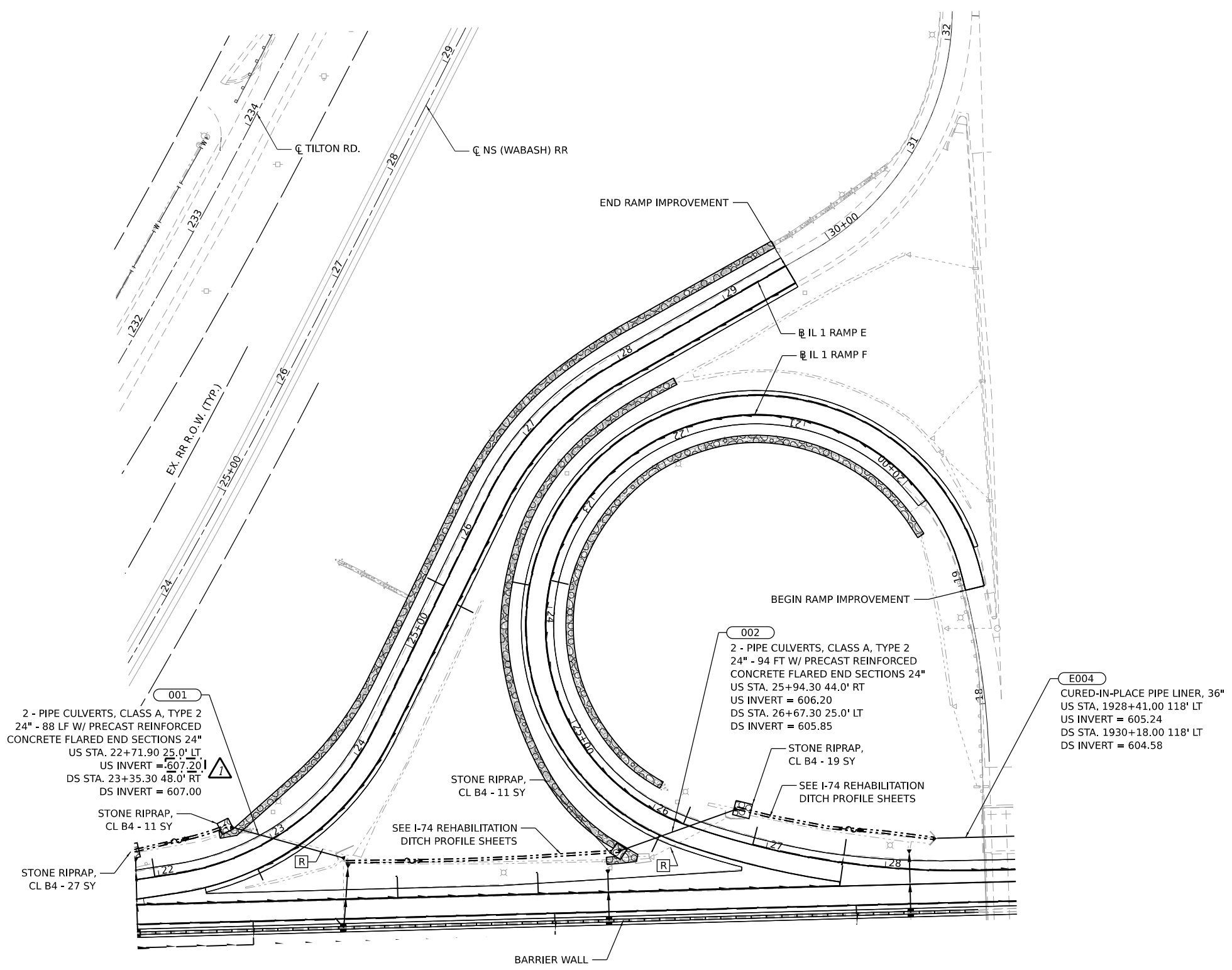
P001 NEW STORM SEWER

R REMOVAL ITEMS

0 50 100 150
 SCALE IN FEET

NOTE:
 ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB
 PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION.
 THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER
 FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.



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 RECONSTRUCTION DRAWINGS\I74 Rehab\I74 Rehab\A and B.dwg

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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/27/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
 IL 1 RAMP E AND F DRAINAGE PLAN**

SCALE: 1" = 50'

SHEET 3 OF 4 SHEETS

STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	245
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

LEGEND

FB FLAT BOTTOM
SS SIDE SLOPE

S001 STRUCTURE
ES001 EX STRUCTURE

001 PIPE CULVERT
E001 EX PIPE OR STORM SEWER

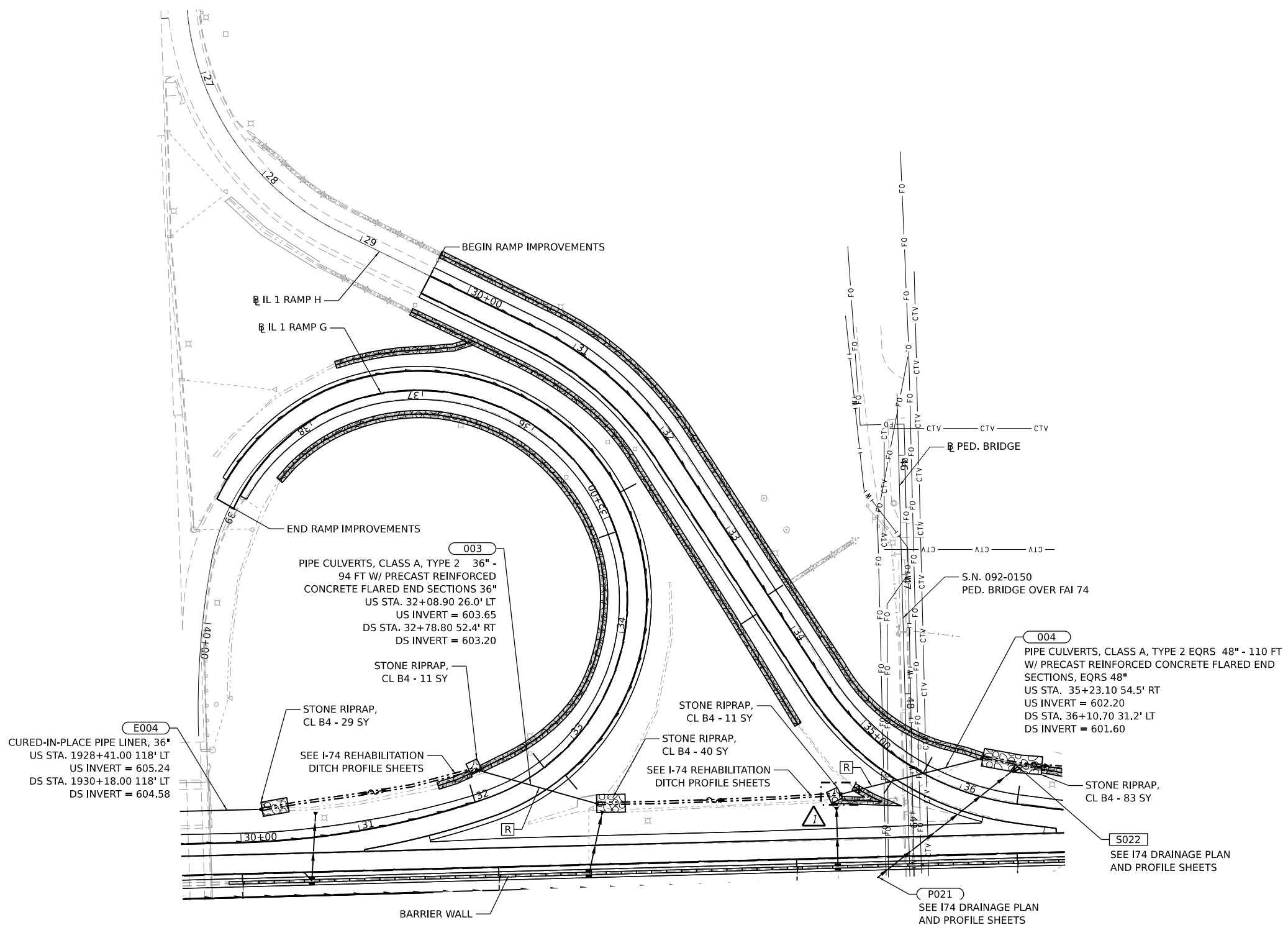
P001 NEW STORM SEWER

R REMOVAL ITEMS

0 50 100 150
SCALE IN FEET

NOTE:
ROCK LAYER ELEVATION SHOWN IN PROFILE IS ESTIMATED TO BE 2.3' FEET BELOW THE I74 EB
PROFILE GRADE, ASSUMING THAT ORIGINAL ROCK LAYER WAS REMOVED TO THIS ELEVATION.
THIS ELEVATION WAS USED IN ESTIMATED ROCK EXCAVATION QUANTITIES.

WHERE BREAKING PAVED DITCH AND INSTALLING STONE RIPRAP, NO BEDDING OR FILTER
FABRIC, INCLUDED IN THE COST OF STONE RIPRAP.



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PLOT DATE = 5/27/2022	CHECKED -	REVISED -	
	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSTATE 74 REHABILITATION
IL 1 RAMP G AND H DRAINAGE PLAN**

SCALE: 1" = 50'

SHEET 4 OF 4 SHEETS

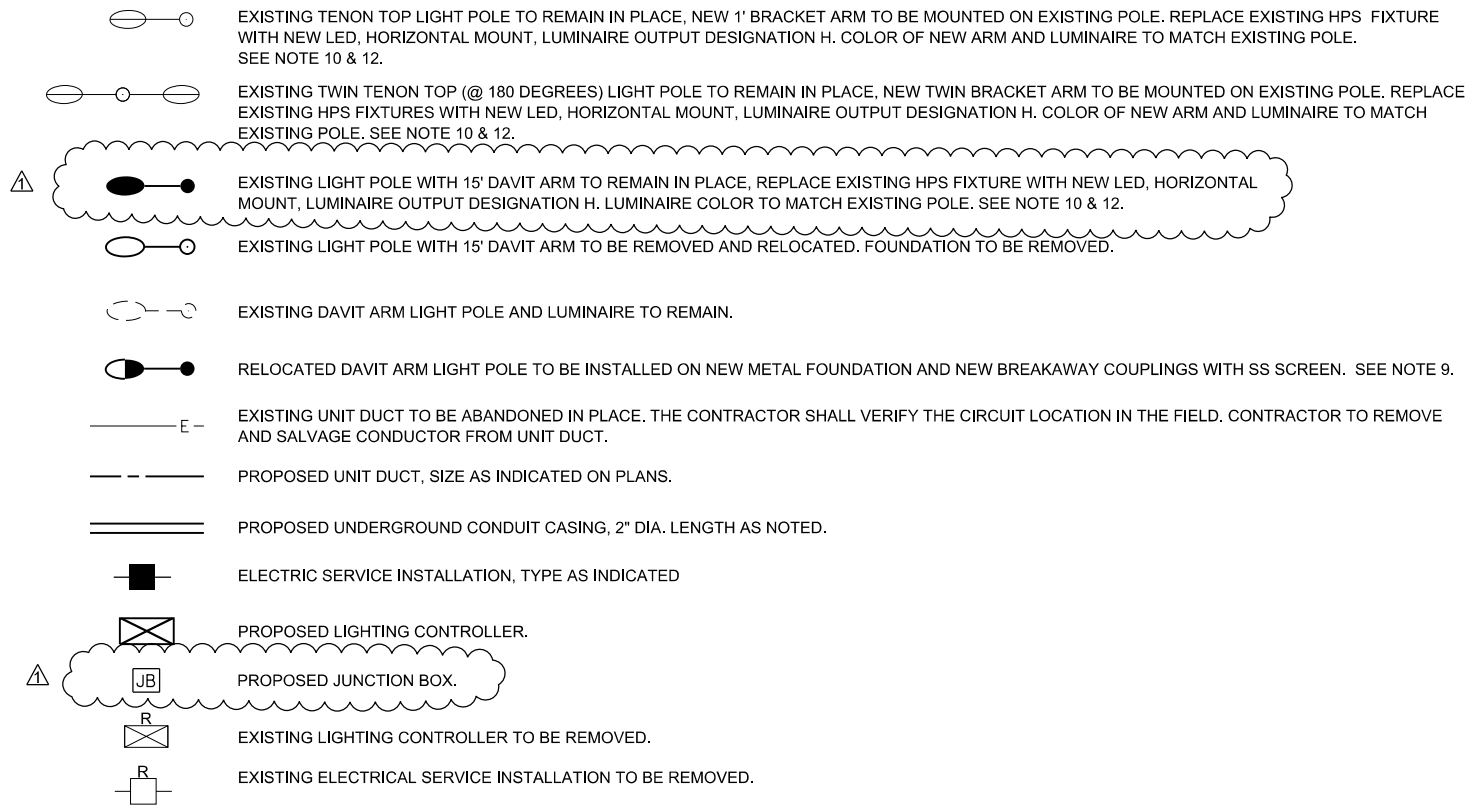
STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10.11,12)R	VERMILION	698	246
CONTRACT NO. 70A29				
ILLINOIS		FED. AID PROJECT		

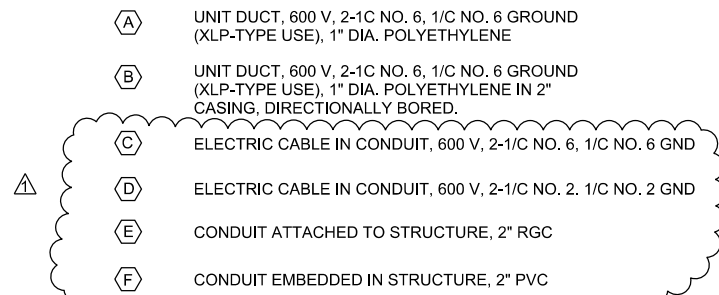
GENERAL LIGHTING NOTES

- NUMBER POLES ACCORDING TO ARTICLE 1069.06 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARDS 830006-05 & 830021-03 USING STAINLESS STEEL BANDING. THIS SHALL BE INCLUDED IN THE COST OF THE LUMINAIRE. CONTACT KEVIN COOK AT (217) 299-0976 FOR THE NUMBERING SCHEME OF THE POLE ID NUMBERS.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT OR UNIT DUCT PAY ITEM.
- PROPOSED LIGHT POLES OR RELOCATED LIGHT POLES TO BE INSTALLED AT A 15 FEET SETBACK FROM THE EDGE OF TRAVELED PAVEMENT, 5 FEET BEHIND THE GUARDRAIL OR 2 FEET BEHIND SIDEWALK OR PATH UNLESS NOTED OTHERWISE ON THE PLANS. NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE LOCATED AND MARKED IN THE AREA OF ANY UG TRENCHING OR BORING AND MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLES SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE. THE VOIDS ON THE BOTTOM SIDE OF THE ALUMINUM POLE BASE MUST BE SEALED FROM RODENT ENTRY WITH STAINLESS STEEL SCREEN.
- STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR RODS AND NUTS SHALL BE ACCORDING TO ART. 1070.04(a)(2) OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR TO RELOCATE EXISTING POLE, ARM AND LED LUMINAIRE AND REMOVE EXISTING POLE WIRING. ANY DAMAGE IN RELOCATING POLE, ARM AND LUMINAIRE SHALL BE REPAIRED OR REPLACED AT NO COST TO THE DEPARTMENT. COST OF NEW POLE WIRING AND ACCESSORIES SHALL BE INCLUDED IN "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT".
- CONTRACTOR TO REMOVE EXISTING LUMINAIRE AND EXISTING WIRING IN THE POLE. INSTALL NEW LED LUMINAIRE, POLE WIRING, FUSE HOLDERS, LIGHTNING ARRESTORS AND RODENT SCREEN AT BASE OF POLE. THIS COST SHALL BE INCLUDED IN THE "LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H" PAY ITEM.
- INSTEAD OF MULTIPLE BORES AT ONE ROAD CROSSING, THE CONTRACTOR MAY INSTALL 1 BORE WITH A LARGER CASING SIZE WITH WRITTEN APPROVAL OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.
- LUMINAIRES FOR THIS PROJECT WILL VARY BETWEEN INTERCHANGES IN COLOR AND VOLTAGE. CONTRACTOR SHALL SUPPLY LUMINAIRE COLOR TO MATCH EXISTING POLES AND LUMINAIRE DRIVER TO MATCH CIRCUIT VOLTAGE. CIRCUITS FED FROM CONTROLLERS 62 AND 64 ARE 240V AND CIRCUITS FED FROM CONTROLLERS 65 AND 66 ARE 480V.

LEGEND



CABLE/CONDUIT SCHEDULE



LIGHTING SCHEDULE OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	770
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	30
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	480
81603035	UNIT DUCT, 600V, 2-1/C #6, 1/C #6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5750
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3495
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	60
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	76
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 10CAMP	EACH	1
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X6"	EACH	4
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	16
84200804	REMOVAL OF POLE FOUNDATION	EACH	4
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5612
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	450
X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	4
X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	76
X8210402	LUMINAIRE MOUNTING BRACKET - SPECIAL	EACH	26

HIGHWAY STANDARDS

812001-01	RACEWAYS EMBEDDED IN STRUCTURE
821101-02	LUMINAIRE WIRING IN POLE
825011-04	LIGHTING CONTROLLER PEDESTAL, 240V
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES

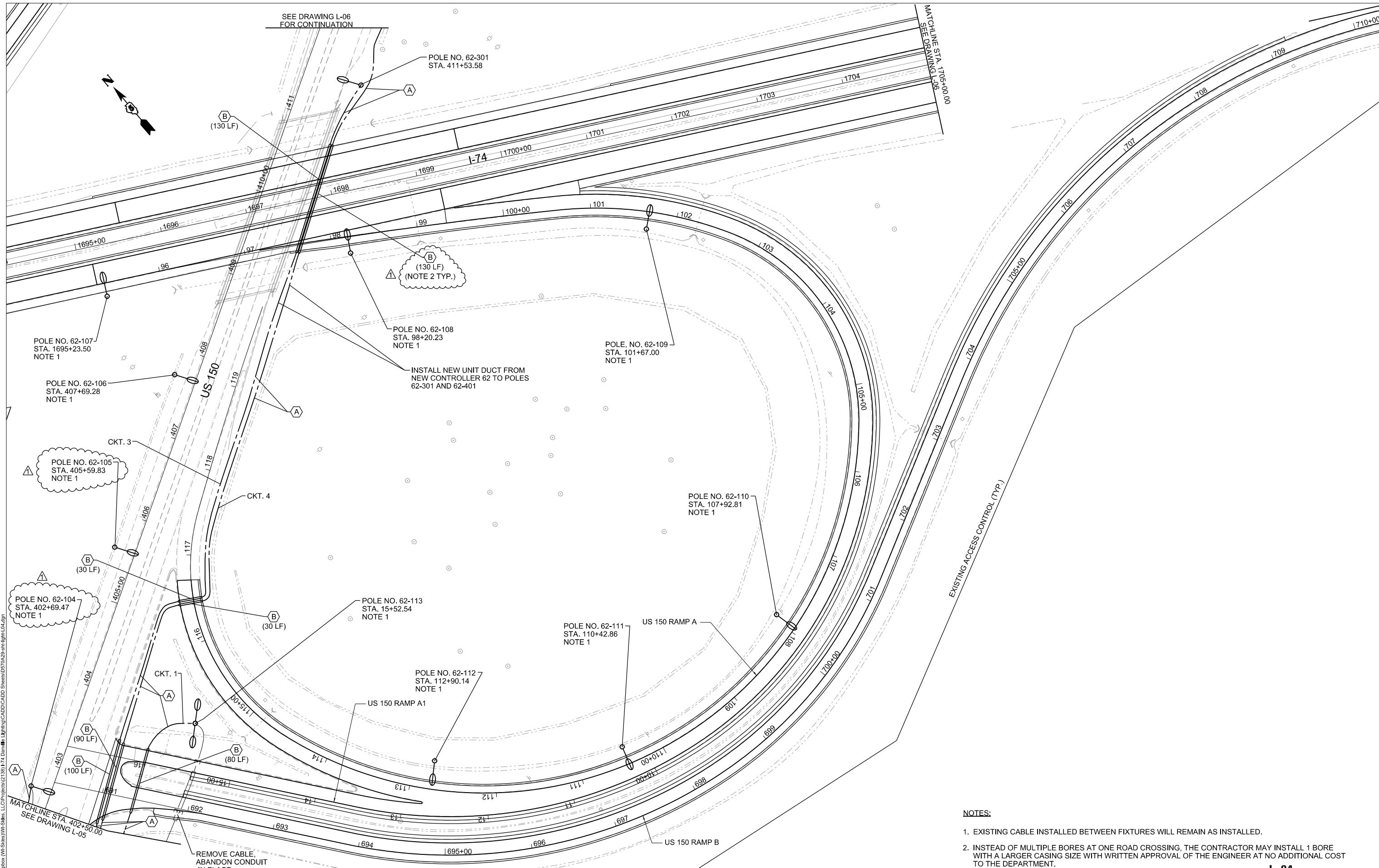
INDEX OF SHEETS

L-01	GENERAL NOTES, LEGENDS, SCHEDULES AND INDEX OF SHEETS
L-02	EXISTING LIGHTING REMOVAL PLAN - STA. 1898+00 TO 1912+80
L-03	I-74 DANVILLE LIGHTING - US 150 RAMP C AND C1 - STA. 90+40 TO 114+04
L-04	I-74 DANVILLE LIGHTING - US 150 RAMP A, A1 AND B - STA. 1694+00 TO 1705+00
L-05	I-74 DANVILLE LIGHTING - US 150 RAMP A, A1 AND B - STA. 396+00 TO 402+50
L-06	I-74 DANVILLE LIGHTING - US 150 RAMP D - STA. 700+00 TO 717+00
L-07	I-74 DANVILLE LIGHTING - I-74 - STA. 1872+00 TO 1877+00
L-08	I-74 DANVILLE LIGHTING - I-74 - STA. 1877+00 TO 1892+00
L-09	I-74 DANVILLE LIGHTING - I-74 - STA. 1892+00 TO 1907+00
L-10	I-74 DANVILLE LIGHTING - I-74 - STA. 1907+00 TO 1922+06.77
L-11	I-74 DANVILLE LIGHTING - I-74 - STA. 1922+06.77 TO 1937+06.77
L-12	I-74 DANVILLE LIGHTING - I-74 - STA. 1937+06.77 TO 1952+00
L-13	I-74 DANVILLE LIGHTING - IL 1 RAMP A AND B - STA. 1922+25 TO 1929+44
L-14	I-74 DANVILLE LIGHTING - IL 1 RAMP C AND D - STA. 1929+00 TO 1936+40
L-15	I-74 DANVILLE LIGHTING - IL 1 RAMP E AND F - STA. 1921+90 TO 1929+38
L-16	I-74 DANVILLE LIGHTING - IL 1 RAMP G AND H - STA. 1929+00 TO 1936+98
L-16A	I-74 DANVILLE LIGHTING-I-74 - STA. 1984+00 TO 1999+00
L-17	LUMINAIRE PERFORMANCE TABLES
L-18	EXISTING WIRING DIAGRAMS CONTROLLER 62 & 63
L-19	PROPOSED WIRING DIAGRAM CONTROLLER 62

L-01

USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10.11,12)R	VERMILION	698	266
CONTRACT NO. 70A29				



SEE DRAWING L-06 FOR CONTINUATION

MATCHLINE STA. 1705+00.00
SEE DRAWING L-06

POLE NO. 62-107
STA. 1695+23.50
NOTE 1

POLE NO. 62-106
STA. 407+69.28
NOTE 1

POLE NO. 62-105
STA. 405+59.83
NOTE 1

POLE NO. 62-104
STA. 402+69.47
NOTE 1

POLE NO. 62-301
STA. 411+53.58

POLE NO. 62-108
STA. 98+20.23
NOTE 1

POLE NO. 62-109
STA. 101+67.00
NOTE 1

POLE NO. 62-110
STA. 107+92.81
NOTE 1

POLE NO. 62-111
STA. 110+42.86
NOTE 1

POLE NO. 62-112
STA. 112+90.14
NOTE 1

POLE NO. 62-113
STA. 15+52.54
NOTE 1

REMOVE CABLE,
ABANDON CONDUIT
IN PLACE

NOTES:

- EXISTING CABLE INSTALLED BETWEEN FIXTURES WILL REMAIN AS INSTALLED.
- INSTEAD OF MULTIPLE BORES AT ONE ROAD CROSSING, THE CONTRACTOR MAY INSTALL 1 BORE WITH A LARGER CASING SIZE WITH WRITTEN APPROVAL OF THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

L-04

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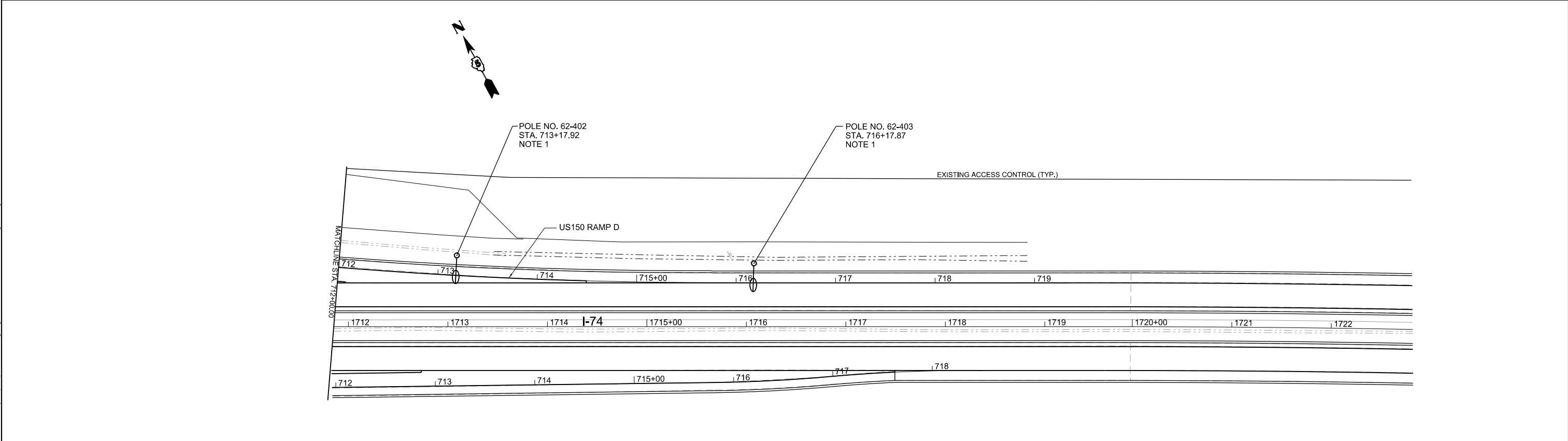
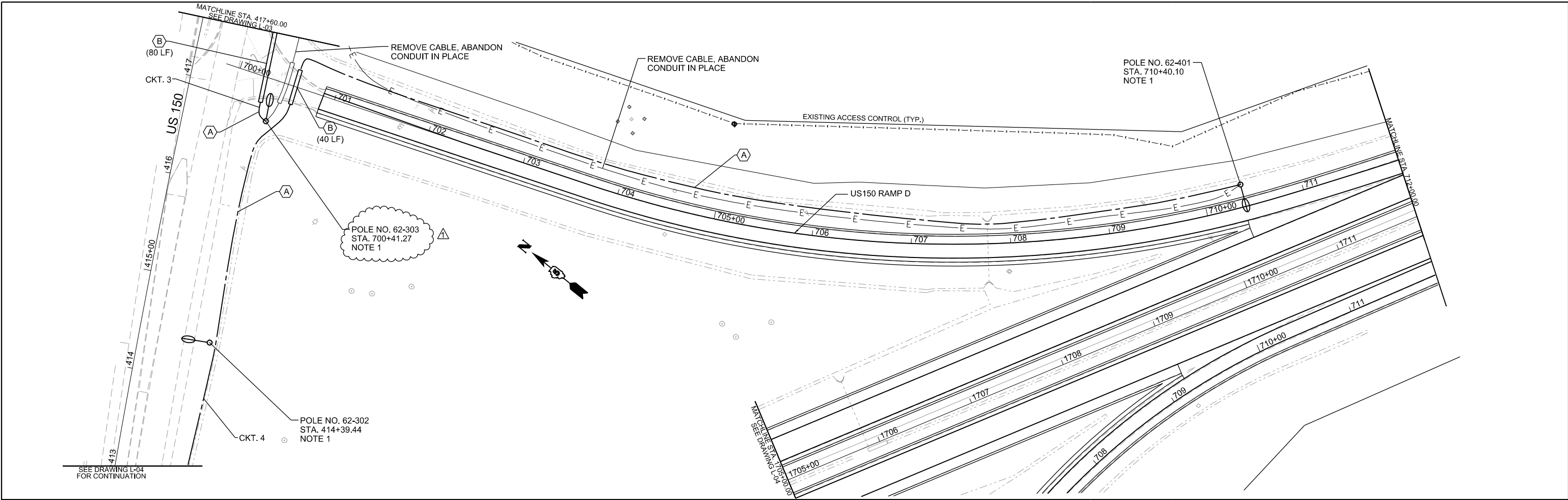
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT SCALE = 0.1666667/in.		
PLOT DATE = 5/30/2022		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 DANVILLE LIGHTING
US 150 RAMP A, A1, AND B PLAN SHEET**

SCALE: 1" = 50' SHEET OF SHEETS STA. 1694+00 TO STA. 1708+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	269
CONTRACT NO. 70A29				



NOTES:
 1. EXISTING CABLE INSTALLED BETWEEN FIXTURES WILL REMAIN AS INSTALLED.

L-06

MODEL: D:\7409\sheet\l-06-us 150 Ramp D
 FILE NAME: D:\7409\sheet\l-06-us 150 Ramp D.dwg
 USER: jboyd
 DATE: 5/31/2022
 PROJECT: I-74 Danville Lighting



USER NAME = jboyd	DESIGNED -	REVISED -	5/31/2022
	DRAWN -	REVISED -	
PLOT SCALE = 0.166666' / 1ft.	CHECKED -	REVISED -	
PLOT DATE = 5/30/2022	DATE -	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-74 DANVILLE LIGHTING
 US 150 RAMP D PLAN SHEET

SCALE: 1" = 50' SHEET OF SHEETS STA. 700+00 TO STA. 717+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	271
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

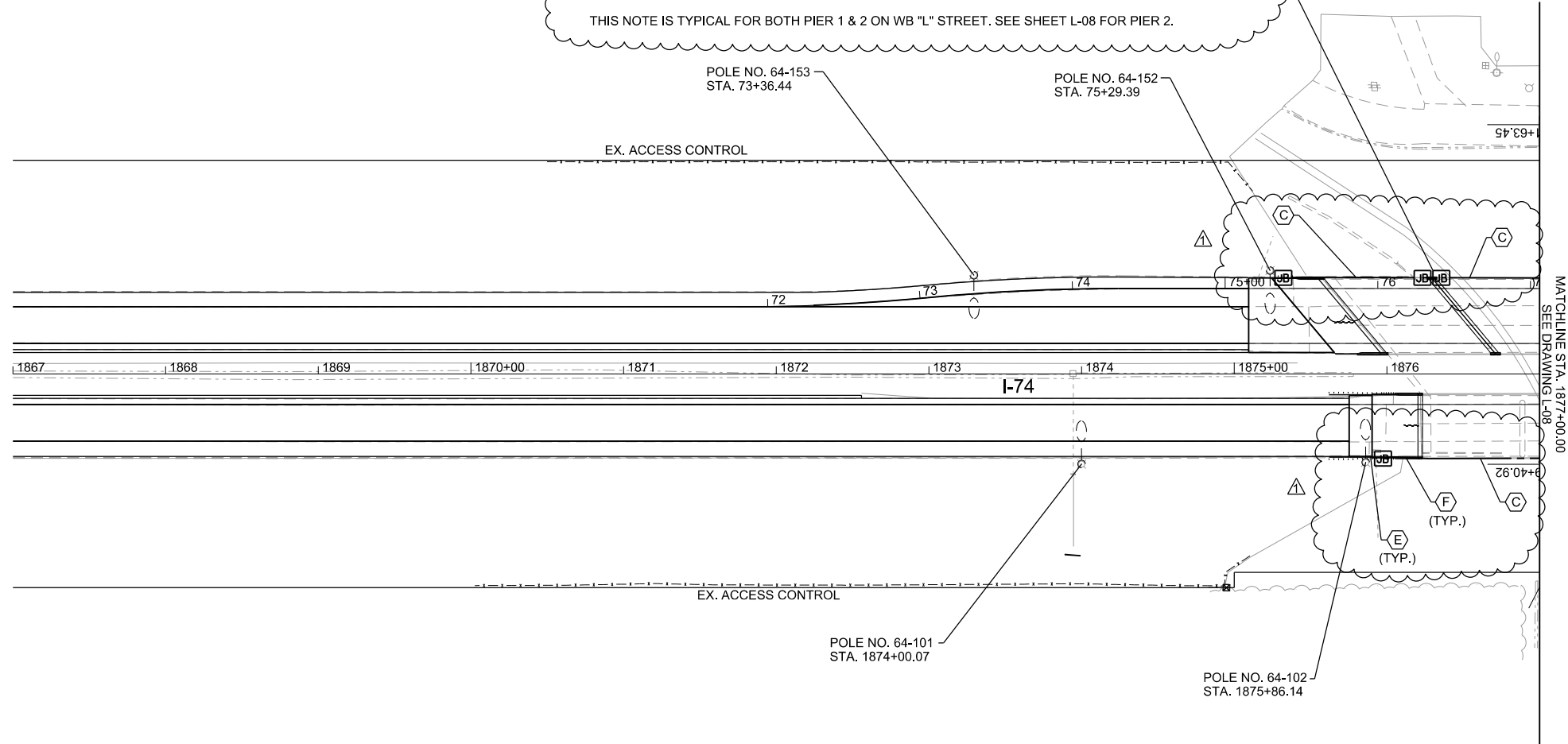
REV. 6/2/22



REPLACE 2 EXISTING JUNCTION BOXES, FLEX CONDUIT, AND CONDUIT EMBEDDED IN STRUCTURE (IF DAMAGED) WHERE PARAPET WALL AND DECK ARE BEING REMOVED. SEE BRIDGE PLANS. IF EXISTING CONDUIT EMBEDDED IS DAMAGED DURING REMOVAL OF PARAPET WALL SECTIONS, INSTALL NEW CONDUIT EMBEDDED AND COUPLE TO EXISTING CONDUIT EMBEDDED WHERE CONDUIT PENETRATES UNDISTURBED CONCRETE. INSTALL NEW JUNCTION BOXES IN THEIR EXISTING LOCATIONS.

REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS FROM OLD CONDUIT AND JUNCTION BOXES. INSTALL NEW CONDUCTORS ACROSS THE BRIDGE BETWEEN JUNCTION BOXES LOCATED ON THE APPROACH PAVEMENT PARAPETS.

THIS NOTE IS TYPICAL FOR BOTH PIER 1 & 2 ON WB "L" STREET. SEE SHEET L-08 FOR PIER 2.



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 FILE NAME: D:\70A29\Sheets\Plan\Lighting\Lighting.dwg
 PROJECT: I-74 Danville Lighting
 SHEET: L-07



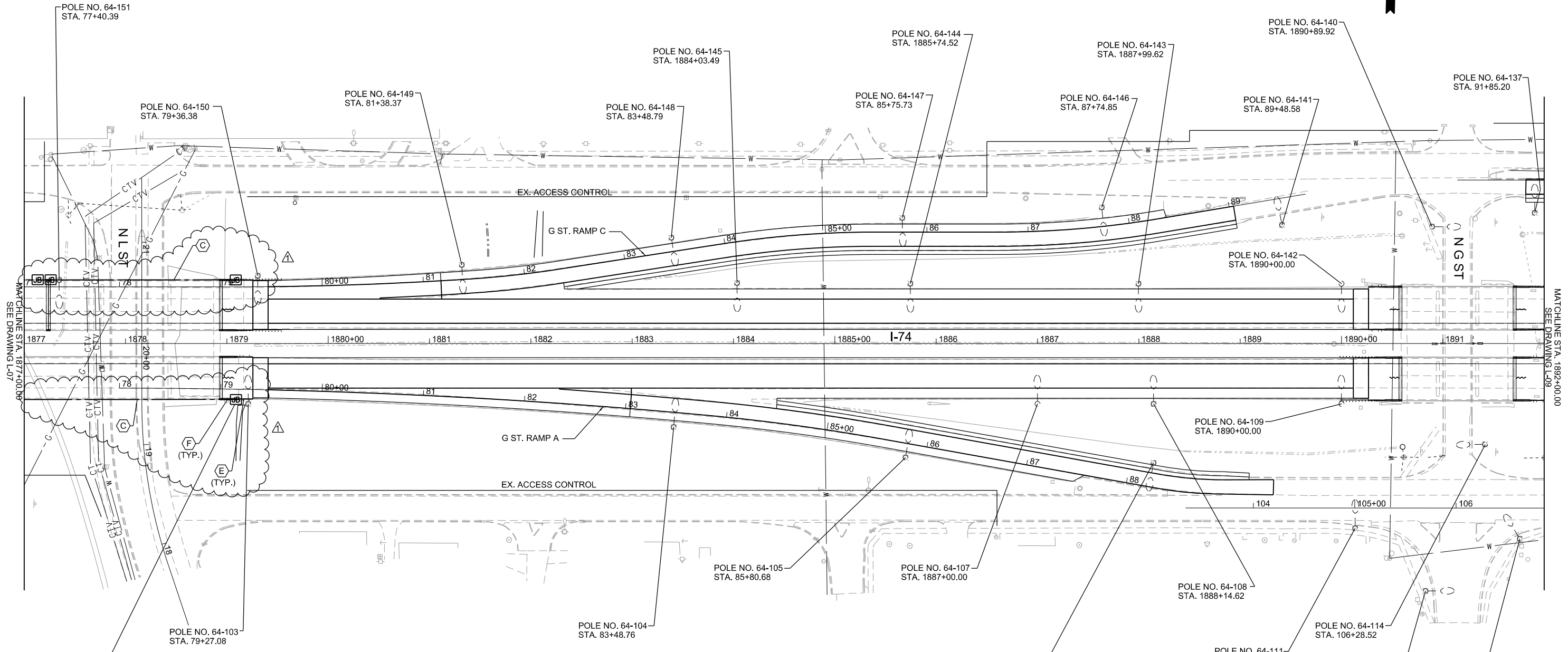
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	DRAWN -	REVISED -	REVISED -
PLOT SCALE = 0.1667" / 1"	CHECKED -	REVISED -	REVISED -
PLOT DATE = 5/30/2022	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 DANVILLE LIGHTING
I-74

SCALE: 1" = 50' SHEET OF SHEETS STA. 1872+00 TO STA. 1877+00

L-07		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	272		
					CONTRACT NO. 70A29	
		ILLINOIS	FED. AID PROJECT			



REMOVE 2 JUNCTION BOXES, FLEX CONDUIT, CONDUIT EMBEDDED IN STRUCTURE WHERE PARAPET WALL AND DECK ARE BEING REMOVED (SEE BRIDGE PLANS), AND A PORTION OF THE EXISTING 2" RGS CONDUIT ATTACHED TO THE ABUTMENT/WING WALL. INSTALL NEW 2" PVC CONDUIT EMBEDDED AND COUPLE TO EXISTING EXPOSED CONDUIT EMBEDDED AND TERMINATE AT NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO THE APPROACH PAVEMENT PARAPET. INSTALL NEW FLEX CONDUIT AND CONNECT TO EXISTING 2" RGS CONDUIT ON THE ABUTMENT/WING WALL. REPLACE CONDUIT STRAPS ON THE EXISTING 2" RGS CONDUIT AS APPLICABLE. SEE HWY STDS DWG 812001-01 FOR DETAILS (INTEGRAL/SEMI-INTEGRAL ABUTMENT WITH PARAPET ON APPROACH PAVEMENT).

REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS FROM ALL EXISTING CONDUIT AND JUNCTION BOXES ON THE BRIDGE. REINSTALL EXISTING CONDUCTORS FROM THE LIGHT POLE EAST OF THE EAST ABUTMENT AND WEST OF THE WEST ABUTMENT TO THE NEW JUNCTION BOXES ON THE APPROACH PAVEMENT PARAPET. INSTALL NEW CONDUCTOR ON THE BRIDGE IN CONDUIT EMBEDDED FROM THE NEW JUNCTION BOX ON THE WEST APPROACH PAVEMENT PARAPET TO THE NEW JUNCTION BOX ON THE EAST APPROACH PAVEMENT PARAPET. TERMINATE CONDUCTOR AT POLE 64-151 AND AT ALL JUNCTION BOXES.

THIS NOTE IS TYPICAL FOR ALL 4 ABUTMENTS AT "L" STREET.

MODEL: D:\7029\sheet\Plan\Lighting\Lighting.dwg
 FILE NAME: D:\7029\sheet\Plan\Lighting\Lighting.dwg
 USER: jboyd
 DATE: 5/30/2022



USER NAME = jboyd	DESIGNED -	REVISED -
DRAWN -	REVISION 5/31/2022	
CHECKED -		
DATE -		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

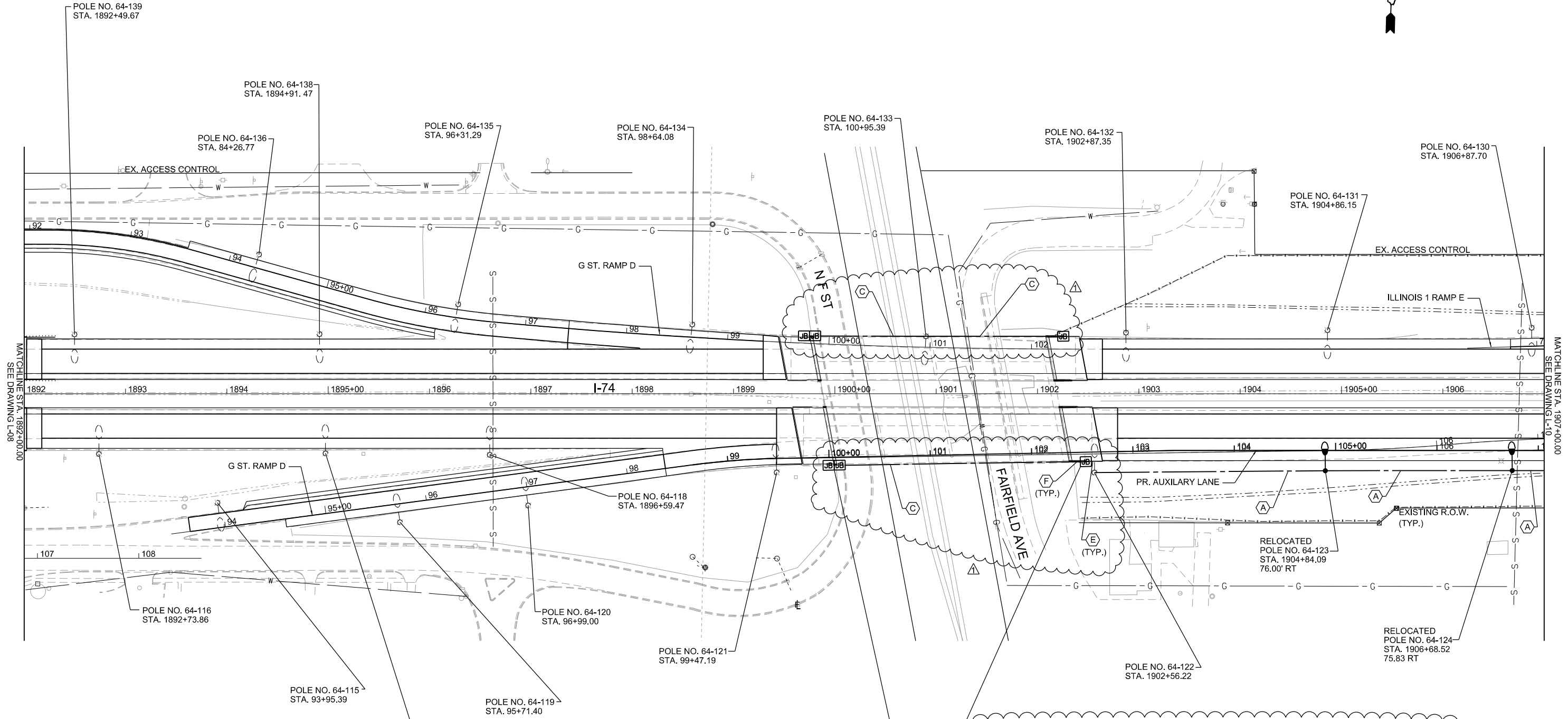
**I-74 DANVILLE LIGHTING
I-74**

SCALE: 1" = 50' SHEET OF SHEETS STA. 1877+00 TO STA. 1892+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		(92-10,11,12)R	VERMILION	698	273
		CONTRACT NO. 70A29			

L-08

REV. 6/2/22



REMOVE EXISTING 2" RGS CONDUIT STRAPS ATTACHED TO ABUTMENT/WING WALL, 2 JUNCTION BOXES, FLEX CONDUIT AND CONDUIT EMBEDDED IN STRUCTURE (IF DAMAGED) WHERE PARAPET WALL AND DECK ARE BEING REMOVED, SEE BRIDGE PLANS.

IF EXISTING CONDUIT EMBEDDED IS DAMAGED DURING REMOVAL OF PARAPET WALL, INSTALL NEW CONDUIT EMBEDDED AND COUPLE TO EXISTING CONDUIT EMBEDDED WHERE CONDUIT PENETRATES EXISTING PARAPET. INSTALL NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO THE NEW BRIDGE DECK. INSTALL A NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO ABUTMENT/WING WALL WITH NEW FLEX CONDUIT BETWEEN JUNCTION BOXES. INSTALL NEW RGS CONDUIT STRAPS TO SECURE EXISTING 2" RGS CONDUIT TO ABUTMENT/WING WALL FROM THE JUNCTION BOX TO BELOW GRADE. SEE HWY STDS DWG 812001-01 FOR DETAILS (JOINTED ABUTMENT WITH PARAPET ENDING ON BRIDGE DECK).

REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS AND UNIT DUCT FROM OLD CONDUIT AND JUNCTION BOXES AND REINSTALL IN NEW CONDUIT AND JUNCTION BOXES. INSTALL NEW CONDUCTORS BETWEEN JUNCTION BOXES ONLY.

THIS NOTE IS TYPICAL FOR THE CONDUIT LOCATION AT BOTH WEST ABUTMENTS AT "F" STREET.

REMOVE 2 JUNCTION BOXES, FLEX CONDUIT, CONDUIT EMBEDDED IN STRUCTURE WHERE PARAPET WALL AND DECK ARE BEING REMOVED (SEE BRIDGE PLANS), AND A PORTION OF THE EXISTING 2" RGS CONDUIT ATTACHED TO THE ABUTMENT/WING WALL.

INSTALL NEW 2" PVC CONDUIT EMBEDDED AND COUPLE TO EXISTING EXPOSED CONDUIT EMBEDDED AND TERMINATE IN A NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO THE APPROACH PAVEMENT PARAPET. INSTALL NEW FLEX CONDUIT AND CONNECT TO EXISTING 2" RGS CONDUIT. REPLACE CONDUIT STRAPS ON THE EXISTING 2" RGS CONDUIT AS APPLICABLE. SEE HWY STDS DWG 812001-01 FOR DETAILS (INTEGRAL/SEMI-INTEGRAL ABUTMENT WITH PARAPET ON APPROACH PAVEMENT).

REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS FROM ALL EXISTING CONDUIT AND JUNCTION BOXES ON THE BRIDGE. REINSTALL EXISTING CONDUCTORS FROM THE LIGHT POLE EAST OF THE EAST ABUTMENT TO THE NEW JUNCTION BOX ON THE APPROACH PARAPET. INSTALL NEW CONDUCTOR ON BRIDGE IN CONDUIT EMBEDDED FROM THE NEW JUNCTION BOX AT THE WEST ABUTMENT TO THE NEW JUNCTION BOX ON THE EAST APPROACH PAVEMENT PARAPET. TERMINATE CONDUCTOR AT POLE 64-133 AND AT ALL JUNCTION BOXES.

THIS NOTE IS TYPICAL FOR THE 2 EAST ABUTMENTS AT "F" STREET.

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PLOT DATE =	5/30/2022

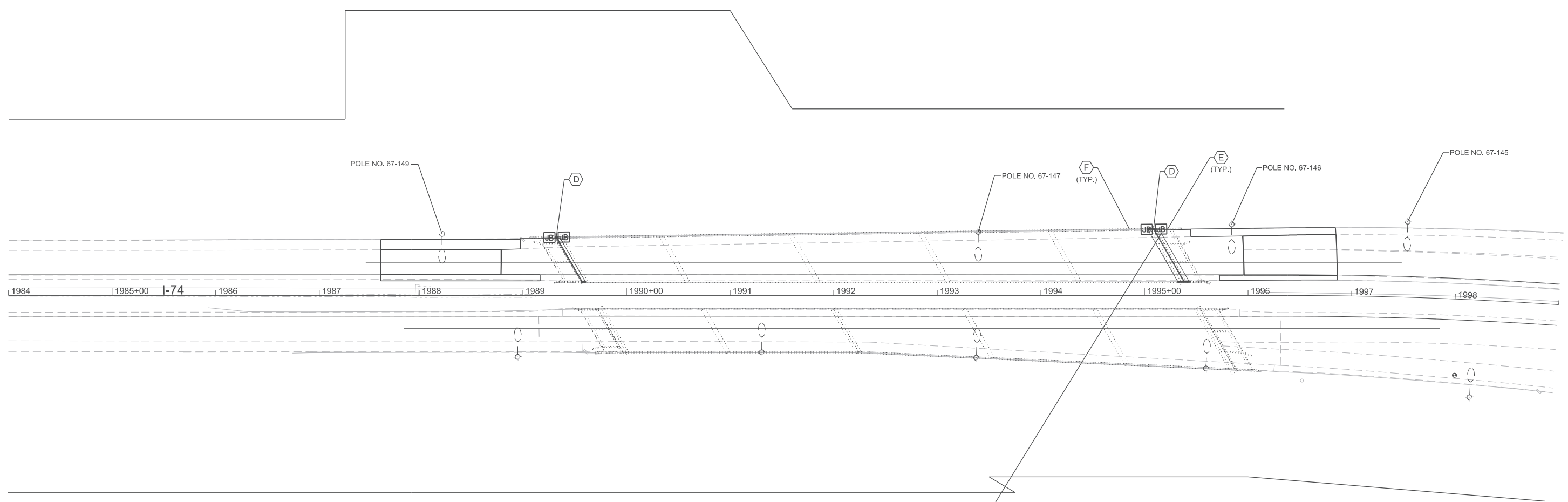
DESIGNED -	REVISION 5/31/2022
DRAWN -	REVISION -
CHECKED -	REVISION -
DATE -	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 DANVILLE LIGHTING	
I-74	
SCALE: 1" = 50'	SHEET OF SHEETS STA. 1892+00 TO STA. 1907+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	274
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

L-09



REMOVE EXISTING 2" RGS CONDUIT STRAPS ATTACHED TO ABUTMENT WALL, 2 JUNCTION BOXES, FLEX CONDUIT AND CONDUIT EMBEDDED IN STRUCTURE (IF DAMAGED) WHERE PARAPET WALL AND DECK ARE BEING REMOVED, SEE BRIDGE PLANS.

IF EXISTING CONDUIT EMBEDDED IS DAMAGED DURING REMOVAL OF PARAPET WALL INSTALL NEW CONDUIT EMBEDDED WHERE CONDUIT PENETRATES EXISTING PARAPET. INSTALL NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO THE NEW BRIDGE DECK. INSTALL A NEW 12"X 12"X 6" JUNCTION BOX ATTACHED TO ABUTMENT/WING WALL WITH NEW FLEX CONDUIT BETWEEN JUNCTION BOXES. INSTALL NEW RGS CONDUIT STRAPS TO SECURE EXISTING 2" RGS CONDUIT TO ABUTMENT/WING WALL FROM THE JUNCTION BOX TO BELOW GRADE. SEE HWY STDS DWG 812001-01 FOR DETAILS (JOINTED ABUTMENT WITH PARAPET ENDING ON BRIDGE DECK).

REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS AND UNIT DUCT FROM OLD CONDUIT AND JUNCTION BOXES AND REINSTALL IN NEW CONDUIT AND JUNCTION BOXES. INSTALL NEW CONDUCTORS BETWEEN JUNCTION BOXES ONLY.

THIS NOTE IS TYPICAL FOR THE CONDUIT WORK AT BOTH THE WEST AND EAST ABUTMENTS ON THE I-74 BRIDGE OVER THE VERMILION RIVER.

NOTE: REPAIR WORK BEING PERFORMED ON WB STRUCTURE ONLY.
S.N. 092-0014

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	DRAWN -	REVISED -
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PLOT DATE = 5/31/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

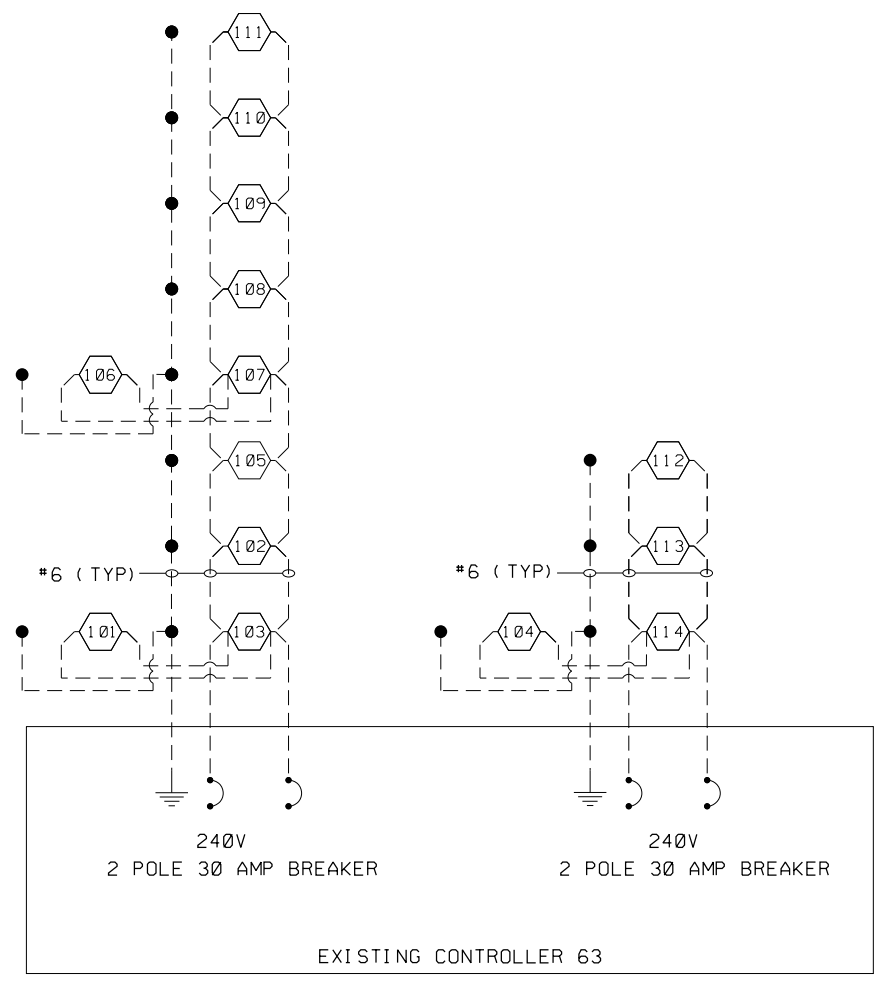
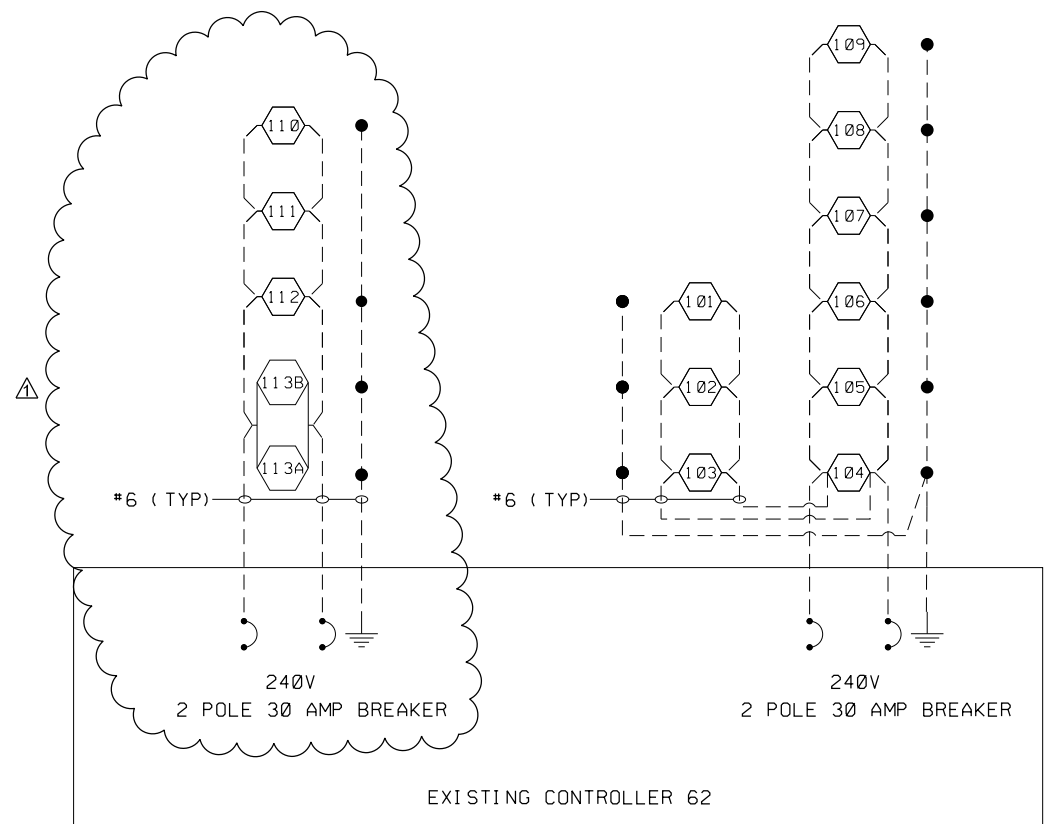
**I-74 DANVILLE LIGHTING
I-74**

SCALE: 1" = 50' SHEET OF SHEETS STA. 1984+00 TO STA. 1999+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	281A
CONTRACT NO. 70A29				
ILLINOIS		FED. AID PROJECT		



ADDED SHEET 6/2/22



EXISTING WIRING DIAGRAMS

LEGEND

⬠ EXISTING HPS LUMINAIRE. NUMBER INSIDE DENOTES POLE NUMBER.

⚡ GROUND ROD.

--- EXISTING CABLE.

- NOTES:**
- ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

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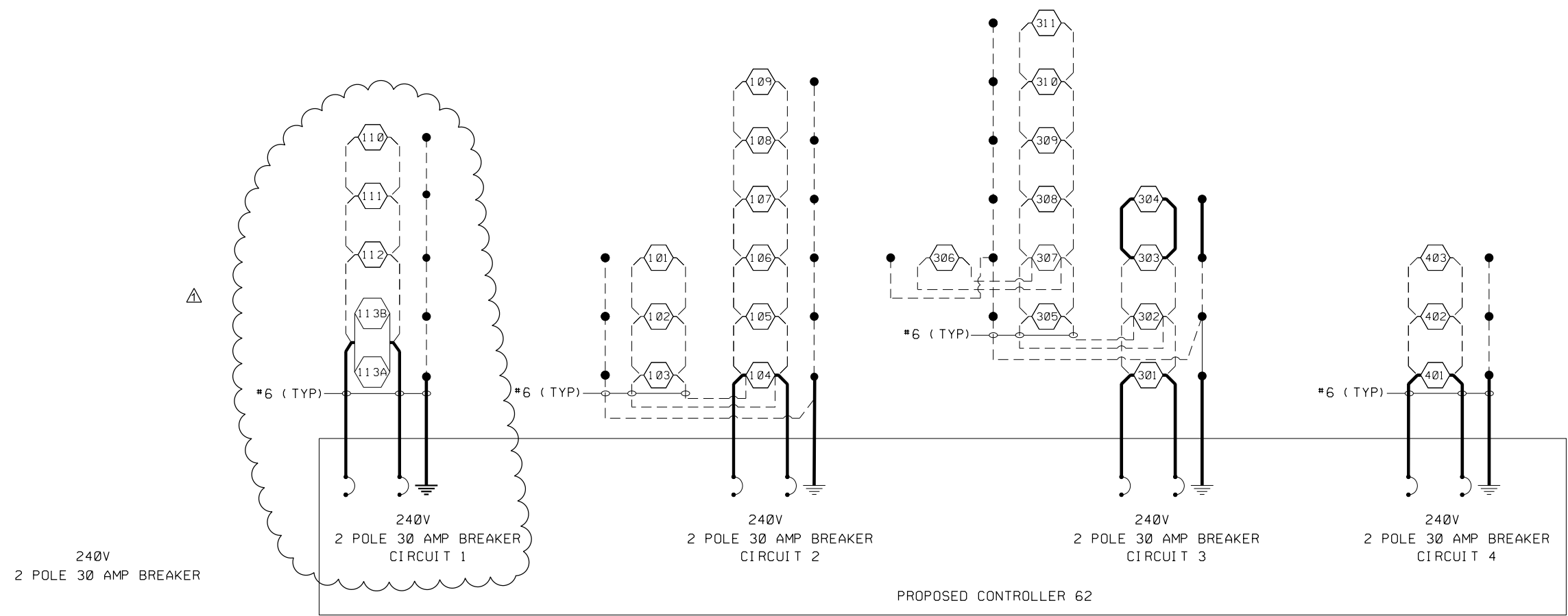
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PLOT DATE = 5/30/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 DANVILLE RECONSTRUCTION
EXISTING WIRING DIAGRAMS CONTROLLER 62 & 63**

SHEET OF SHEETS STA. TO STA.

L-18		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		74	(92-10,11,12)R	VERMILION	698	283
		CONTRACT NO. 70A29				
		ILLINOIS	FED. AID PROJECT			



PROPOSED WIRING DIAGRAM

LEGEND

- 1 PROPOSED LED LUMINAIRE. NUMBER INSIDE DENOTES POLE NUMBER.
- GROUND ROD
- PROPOSED CABLE (SIZE AS NOTED). SEE PLANS FOR CABLE TYPE.
- EXISTING CABLE TO REMAIN.

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

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USER NAME = iloyd	DESIGNED -	REVISED - 1 5/31/2022
	DRAWN -	REVISED -
PLOT SCALE = 0.166666' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 DANVILLE RECONSTRUCTION
PROPOSED WIRING DIAGRAM CONTROLLER 62**

SHEET OF SHEETS STA. TO STA.

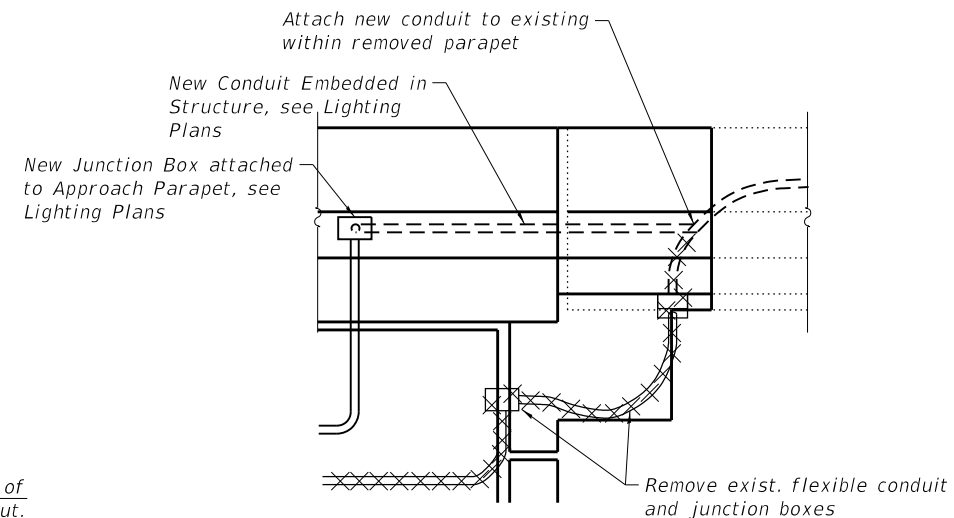
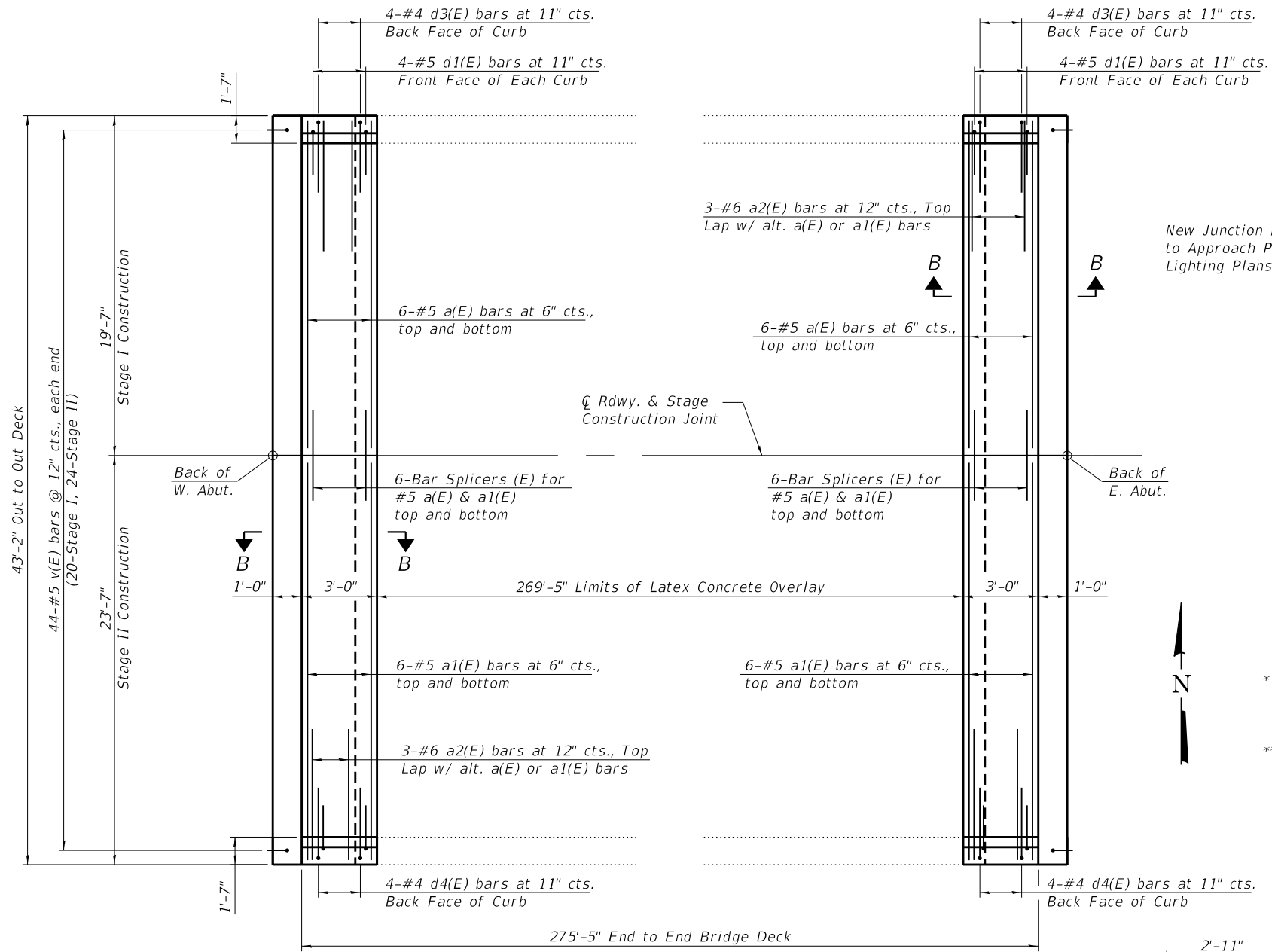
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	284
CONTRACT NO. 70A29				
ILLINOIS FED. AID PROJECT				

L-19

1 REV. 6/2/22

SUPERSTRUCTURE
STR. NO. 092-0008
BILL OF MATERIAL

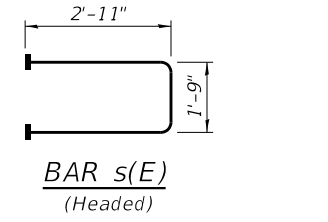
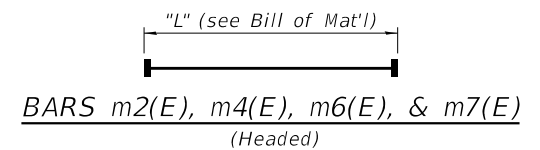
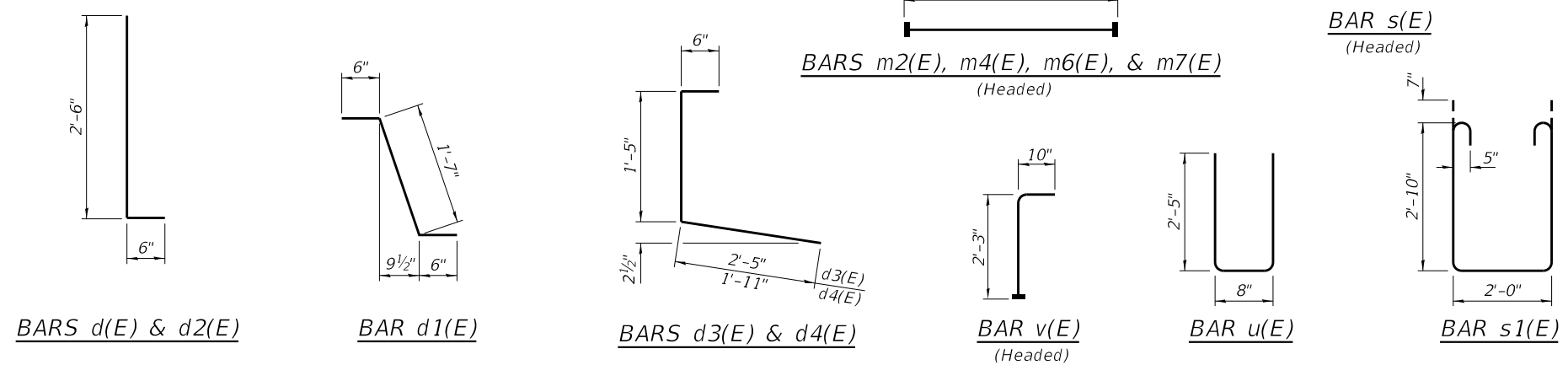
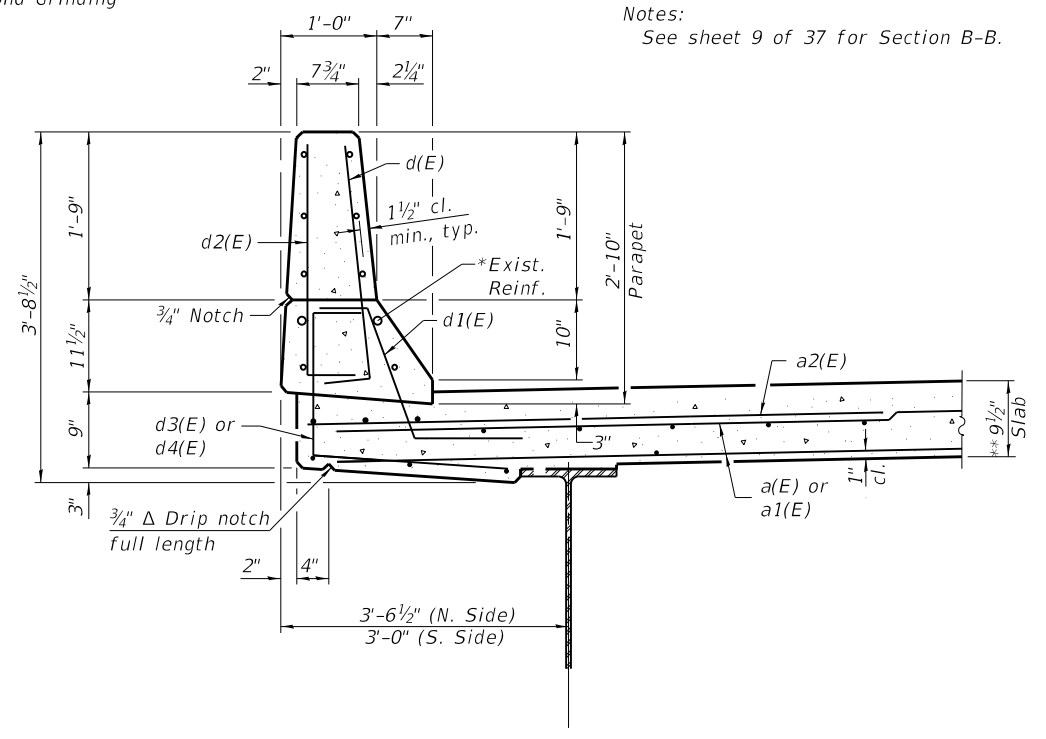
Bar	No.	Size	Length	Shape
a(E)	24	#5	18'-9"	—
a1(E)	24	#5	22'-9"	—
a2(E)	12	#6	6'-0"	—
d(E)	16	#5	3'-0"	┌
d1(E)	16	#5	2'-7"	┌
d2(E)	16	#4	3'-0"	┌
d3(E)	8	#4	4'-4"	┌
d4(E)	8	#4	3'-10"	┌
m(E)	10	#6	19'-3"	—
m1(E)	10	#6	23'-3"	—
m2(E)	16	#6	6'-0"	—
m3(E)	16	#6	6'-0"	—
m4(E)	4	#6	4'-2"	—
m5(E)	4	#6	4'-2"	—
m6(E)	8	#6	3'-2"	—
m7(E)	8	#6	2'-7"	—
m8(E)	4	#4	19'-3"	—
m9(E)	4	#4	23'-3"	—
m100(E)	42	#6	5'-0"	—
s(E)	96	#5	7'-7"	U
s1(E)	80	#5	8'-10"	U
u(E)	96	#4	5'-6"	U
v(E)	88	#5	3'-1"	L
Reinforcement Bars, Epoxy Coated		Pound	4920	
Concrete Superstructure		Cu. Yd.	39.9	
Concrete Removal		Cu. Yd.	8.1	
Structure Repair of Concrete (Depth ≤ 5")		Sq. Ft.	4	



CONDUIT AT ABUTMENT JOINT
 (South Parapet, Looking North)
 (West Abut. Shown, East Abut. opposite)

* Straighten, clean, and incorporate existing horizontal parapet reinforcement into new construction. Cost included with Concrete Removal.
 ** Prior to 1/4" Diamond Grinding

Notes:
 See sheet 9 of 37 for Section B-B.



(Sheet 2 of 4)

MODEL: Default
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USER NAME = csanchez	DESIGNED - BAS	REVISED - 5-25-2022
PLOT SCALE =	CHECKED - LVM	REVISED -
PLOT DATE = 5/25/2022	DRAWN - JDK	REVISED -
	CHECKED - BAS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 092-0008

SHEET NO. 7 OF 37 SHEETS

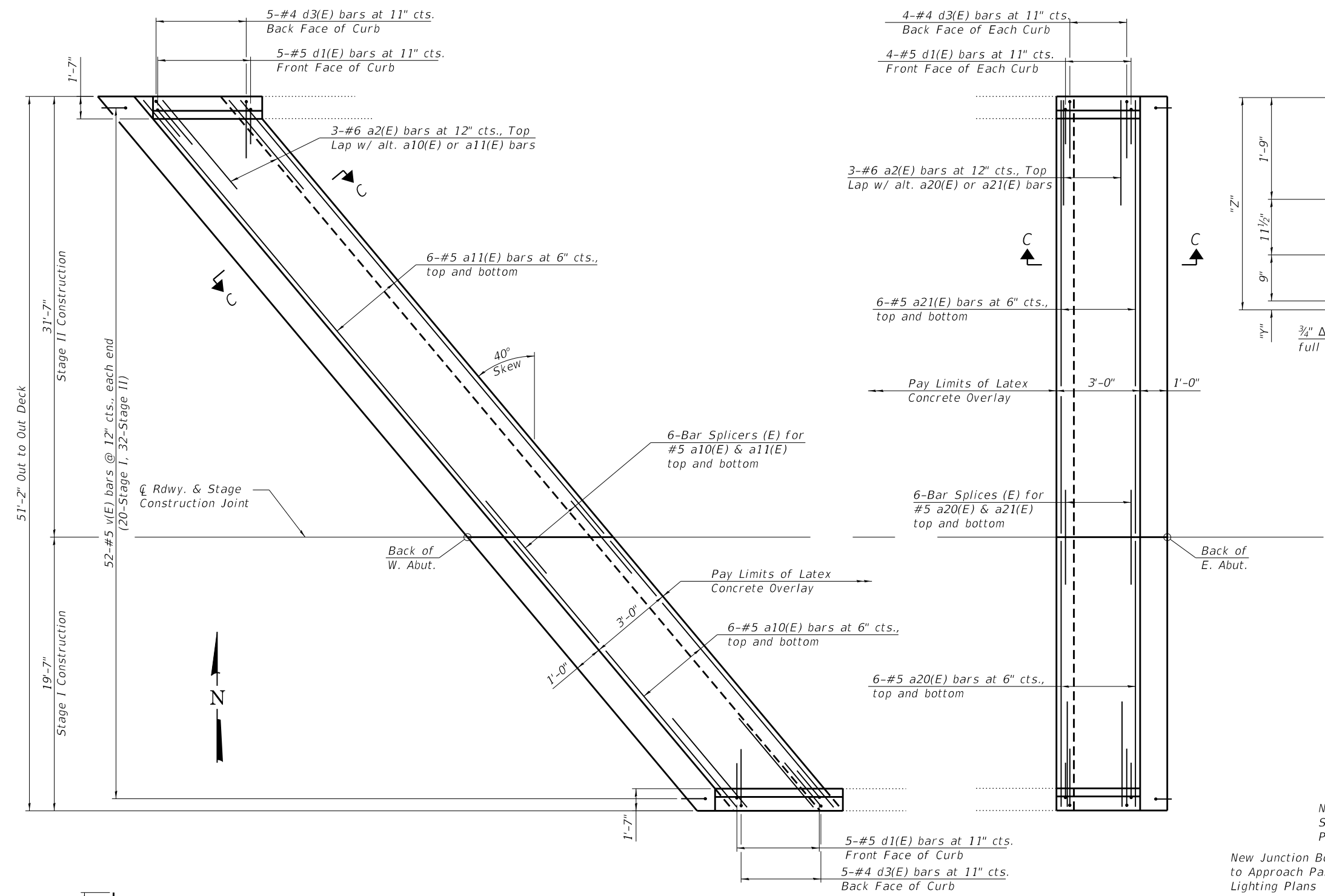
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	291
CONTRACT NO. 70A29				

ILLINOIS FED. AID PROJECT

REV. 6/2/22

5/25/2022 2:23:59 PM

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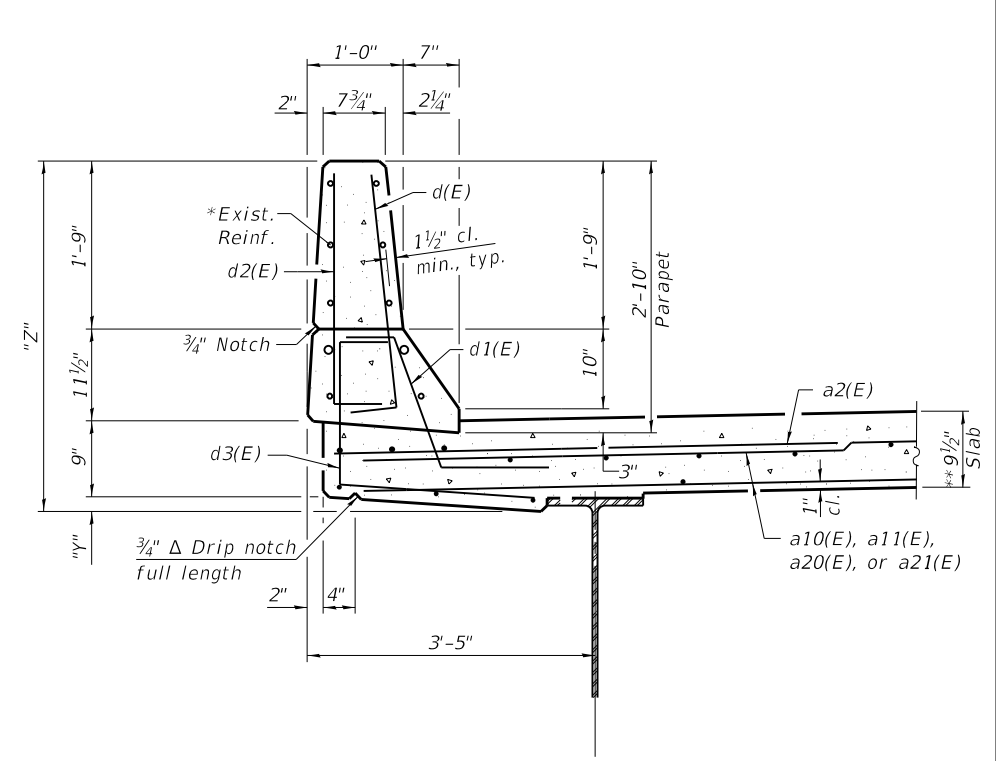
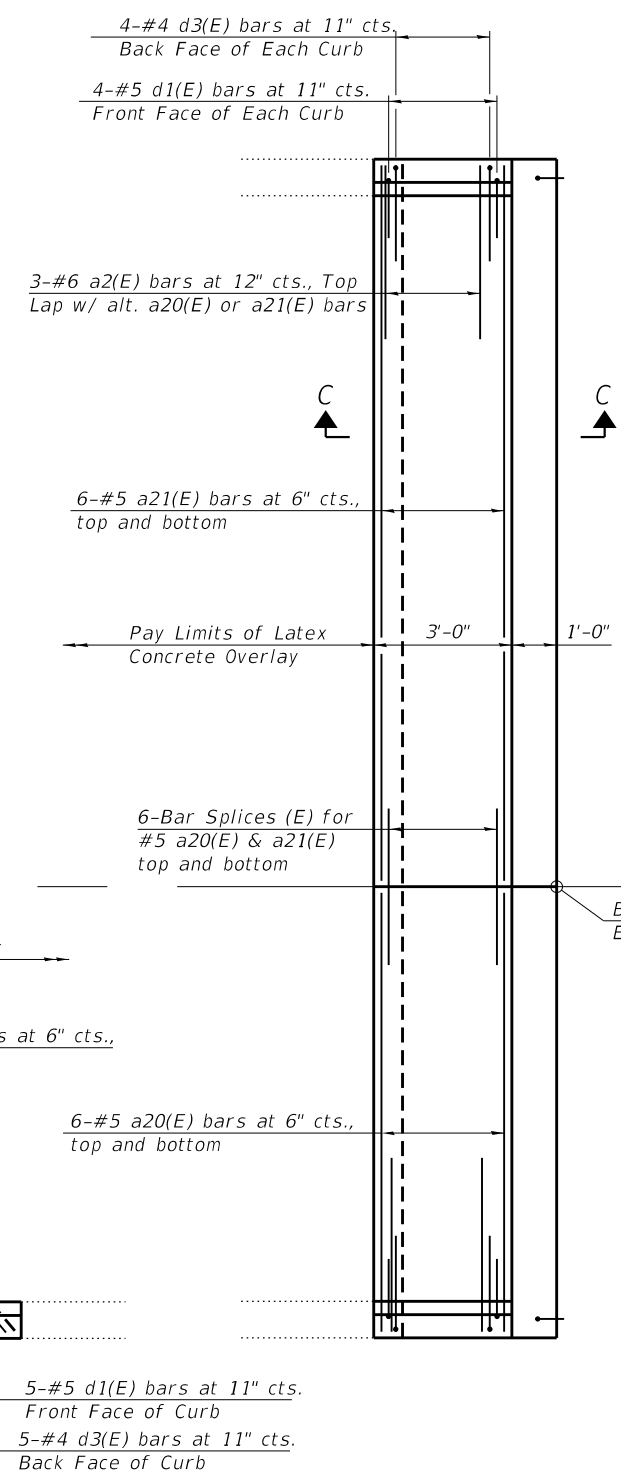
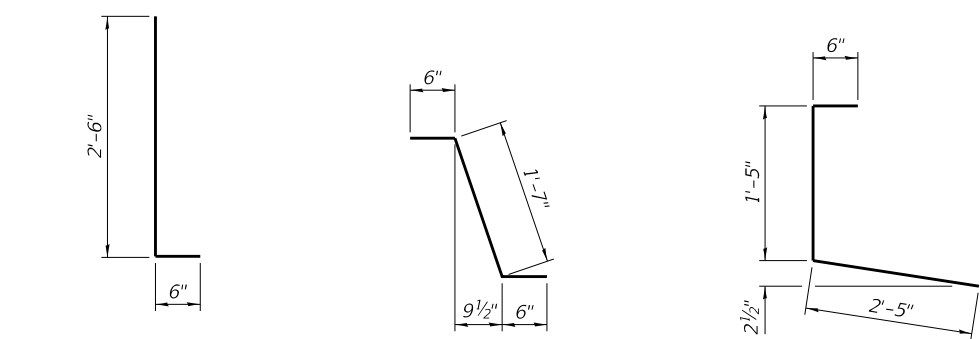


PLAN - DECK AT ABUTMENTS

BARS d(E) & d2(E)

BAR d1(E)

BAR d3(E)

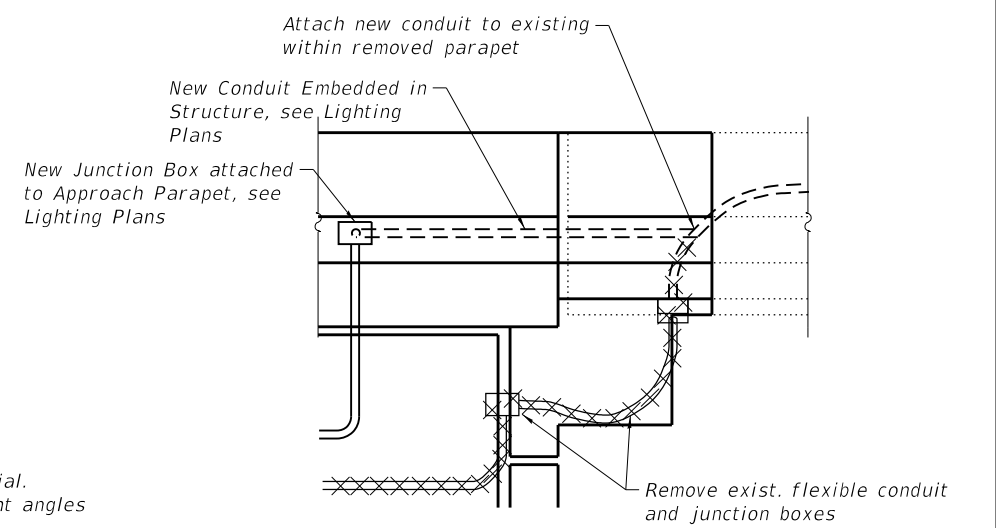


SECTION THRU PARAPET

Y & Z DIMENSIONS

Location	Y	Z
Span 1, N&S Sides	3 3/8"	3'-8 3/8"
Span 2, N Side	4 3/4"	3'-10 1/4"
Span 2, S Side	1 3/4"	3'-7 1/4"
Spans 3-5, N&S Sides	2 1/4"	3'-7 3/4"

- * Straighten, clean, and incorporate existing horizontal parapet reinforcement into new construction. Cost included with Concrete Removal.
- ** Prior to 1/4" Diamond Grinding



CONDUIT AT ABUTMENT JOINT
 (North Parapet, Looking South)
 (East Abut. shown, West Abut. opposite)

Notes:
 See sheet 15 of 37 for Section C-C.
 See sheet 12 of 37 for Bill of Material.
 Spacing for v(E) bars shall be at right angles to \bar{C} Rdwy.

MAURER-STUTZ ENGINEERS SURVEYORS	USER NAME = csanchez	DESIGNED - BAS	REVISED - 5-25-2022
	PLOT SCALE =	CHECKED - LVM	REVISED -
	PLOT DATE = 5/25/2022	DRAWN - JDK	REVISED -
		CHECKED - BAS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 092-0009

SHEET NO. 11 OF 37 SHEETS

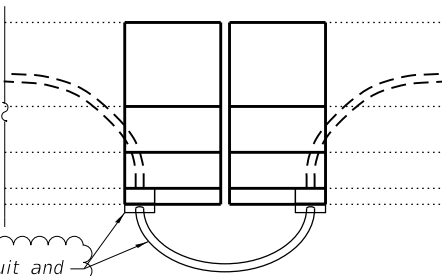
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10.11,12)R	VERMILION	698	295
CONTRACT NO. 70A29				

ILLINOIS FED. AID PROJECT

REV. 6/2/22

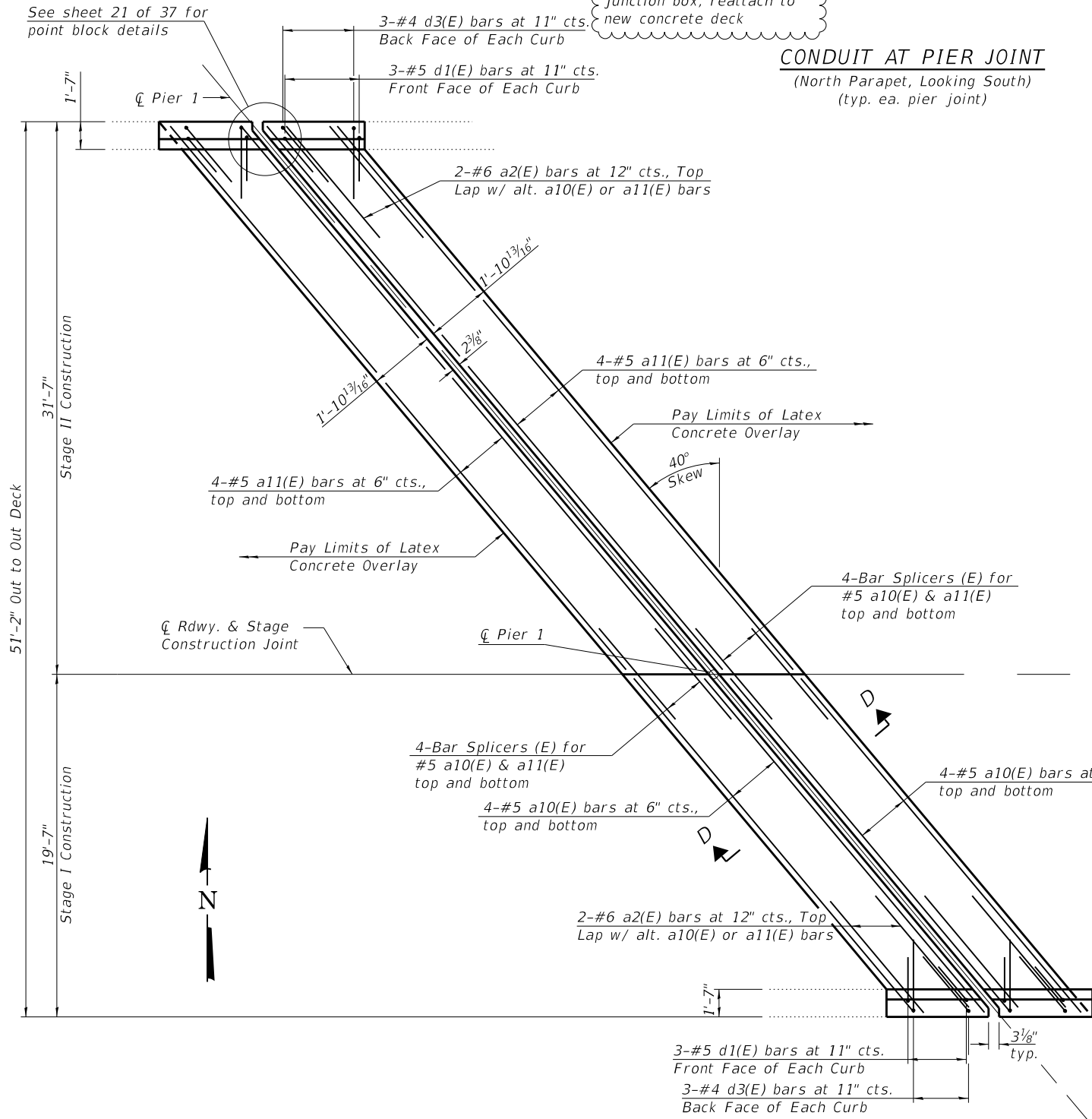
* Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

** Prior to 1/4" Diamond Grinding

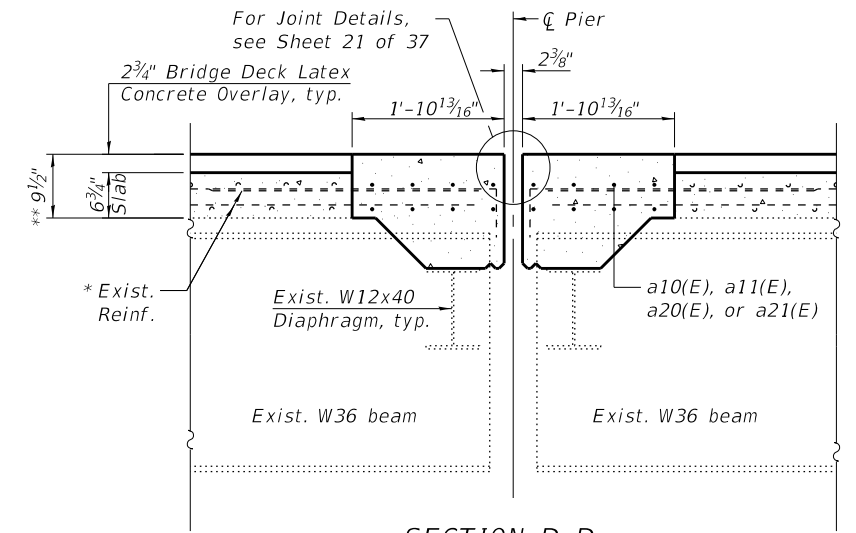
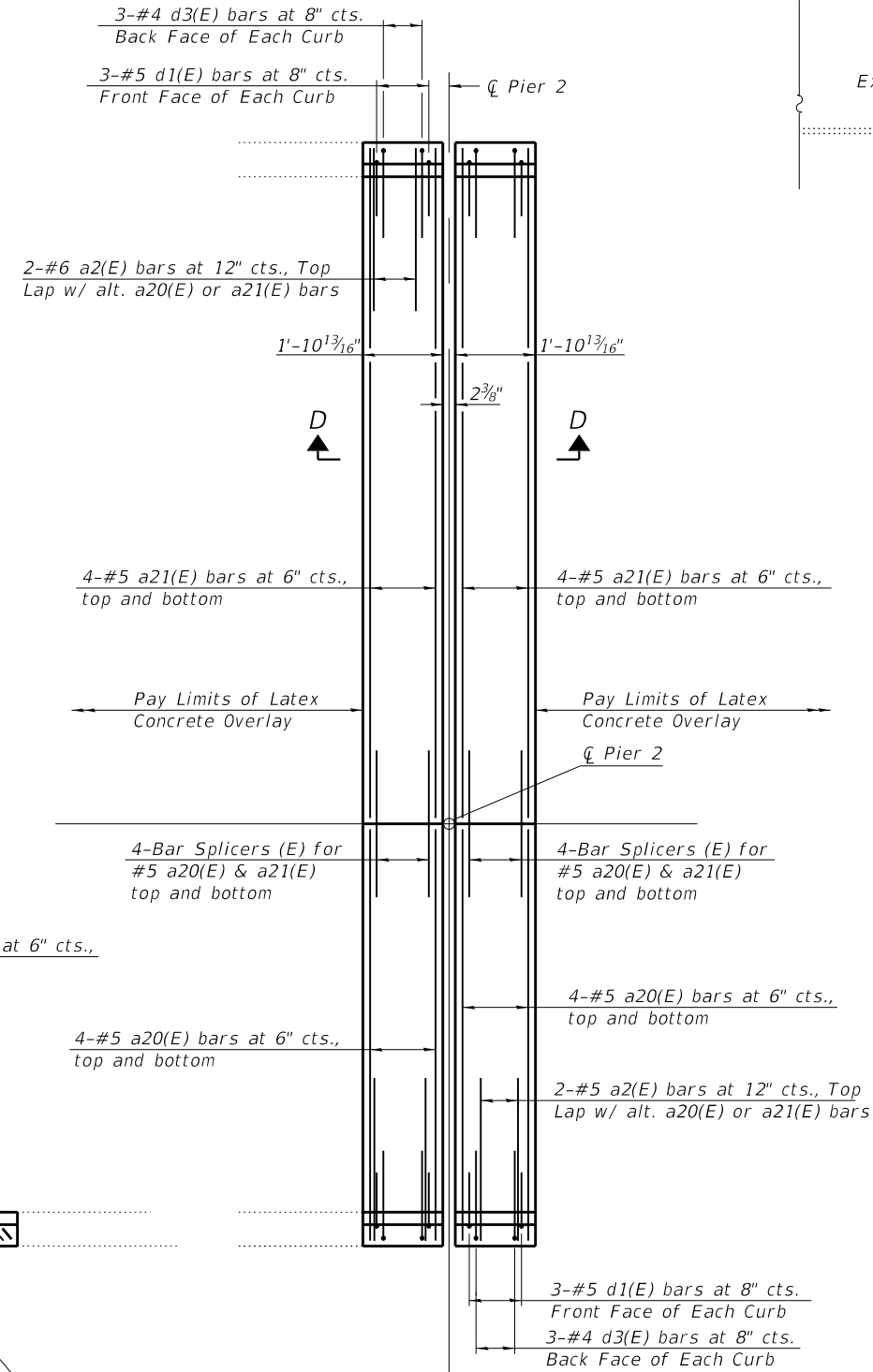


Replace exist. conduit and junction box, reattach to new concrete deck

CONDUIT AT PIER JOINT
(North Parapet, Looking South)
(typ. ea. pier joint)



PLAN - DECK AT PIER JOINTS



SECTION D-D
(Showing Proposed)
(Dims. at RT L's to end of deck)

SUPERSTRUCTURE
STR. NO. 092-0009
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a2(E)	28	#6	6'-0"	—
a10(E)	28	#5	24'-5"	—
a11(E)	28	#5	40'-1"	—
a20(E)	28	#5	18'-9"	—
a21(E)	28	#5	30'-9"	—
d(E)	47	#5	3'-0"	┌
d1(E)	42	#5	2'-7"	┌
d2(E)	47	#4	3'-0"	┌
d3(E)	42	#4	4'-4"	┌
m10(E)	5	#6	25'-2"	—
m11(E)	5	#6	40'-10"	—
m12(E)	12	#6	7'-10"	—
m13(E)	12	#6	7'-10"	—
m16(E)	8	#6	4'-0"	—
m18(E)	2	#4	25'-2"	—
m19(E)	2	#4	40'-10"	—
m20(E)	5	#6	19'-3"	—
m21(E)	5	#6	31'-3"	—
m22(E)	12	#6	5'-11"	—
m23(E)	12	#6	5'-11"	—
m26(E)	8	#6	3'-0"	—
m28(E)	2	#4	19'-3"	—
m29(E)	2	#4	31'-3"	—
m100(E)	48	#6	5'-0"	—
s(E)	57	#5	7'-7"	U
s1(E)	48	#5	8'-10"	U
s10(E)	73	#5	9'-3"	U
s11(E)	48	#5	9'-6"	U
u(E)	57	#4	5'-6"	U
u10(E)	73	#4	5'-8"	U
v(E)	104	#5	3'-1"	L
Reinforcement Bars, Epoxy Coated		Pound	9020	
Concrete Superstructure		Cu. Yd.	72.6	
Concrete Removal		Cu. Yd.	27.1	

(Sheet 3 of 6)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 092-0009

SHEET NO. 12 OF 37 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	296
CONTRACT NO. 70A29				

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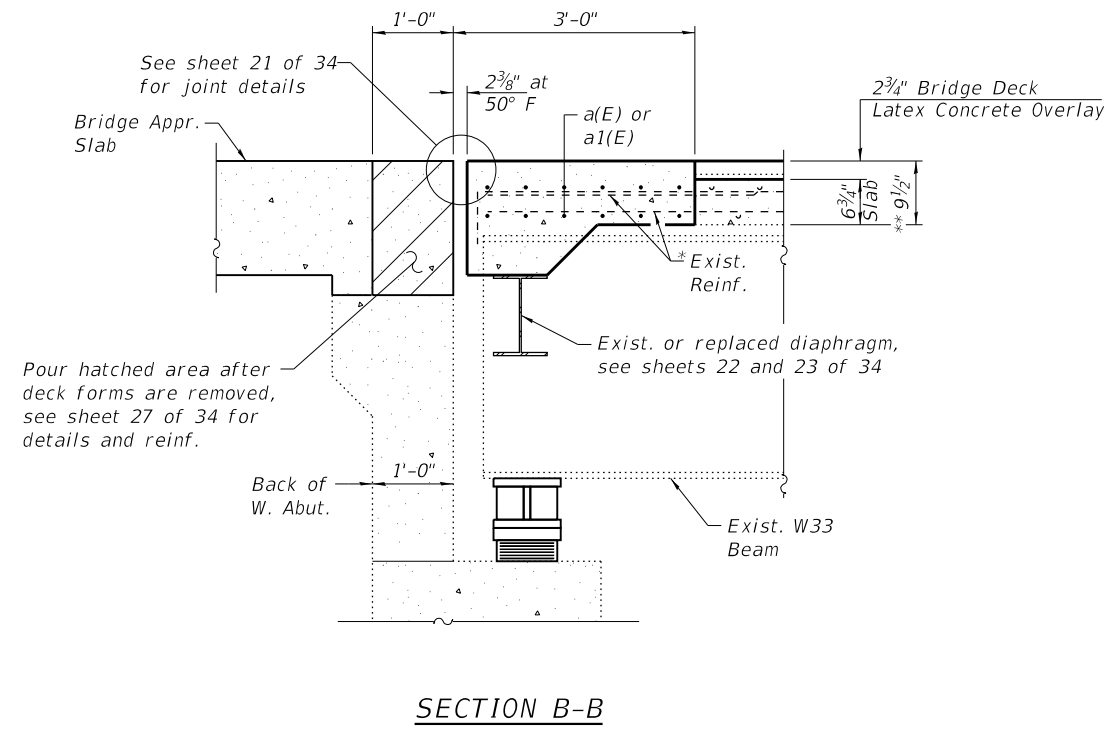
REV. 6/2/22

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MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = csanchez	DESIGNED - BAS	REVISED - 5-25-2022
PLOT SCALE =	CHECKED - LVM	REVISED -
PLOT DATE = 5/25/2022	DRAWN - JDK	REVISED -
	CHECKED - BAS	REVISED -

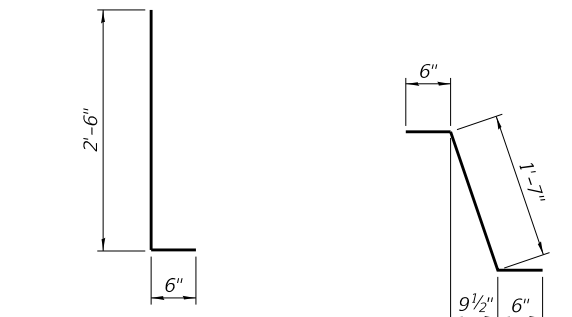
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SECTION B-B

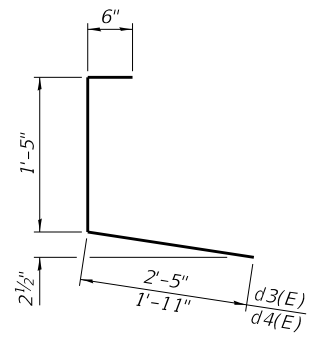
* Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

** Prior to 1/4" Diamond Grinding

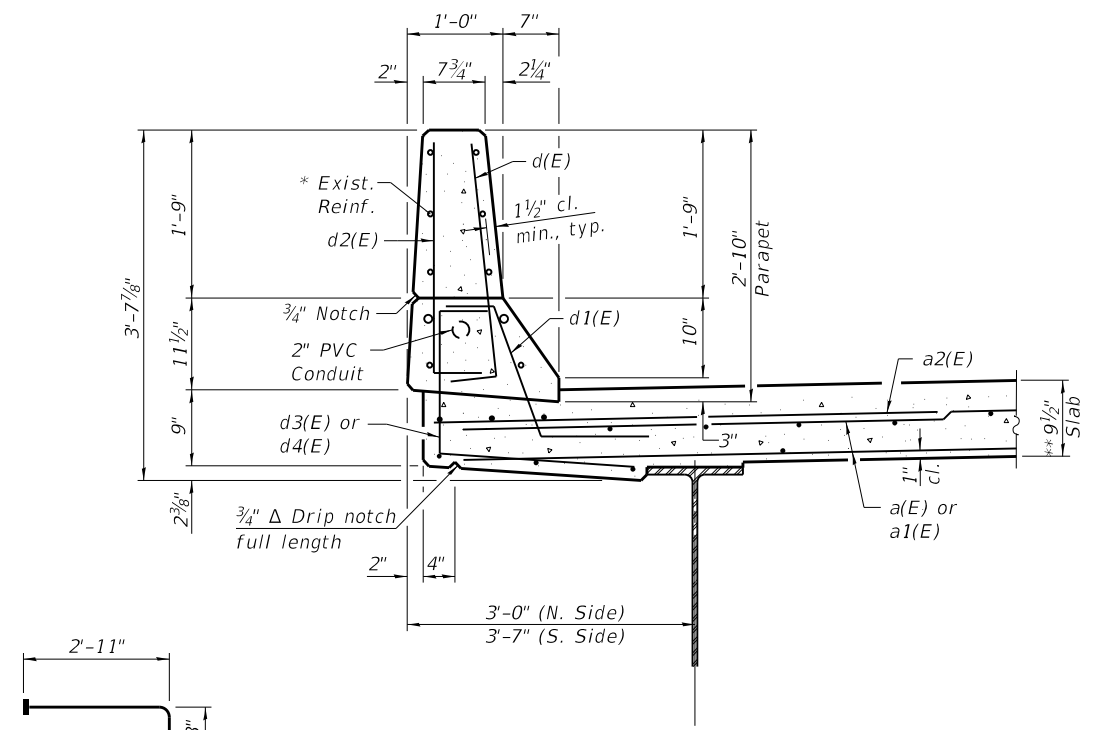


BARS d(E) & d2(E)

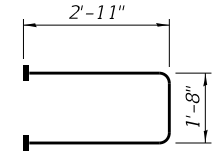
BAR d1(E)



BARS d3(E) & d4(E)



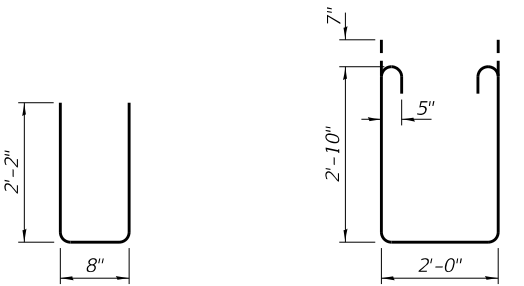
SECTION THRU PARAPET



**BARS s(E)
(Headed)**

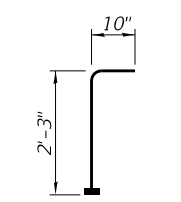
**SUPERSTRUCTURE
 STR. NO. 092-0012
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	24	#5	19'-1"	—
a1(E)	24	#5	24'-9"	—
a2(E)	12	#6	6'-0"	—
d(E)	16	#5	3'-0"	┘
d1(E)	16	#5	2'-7"	┘
d2(E)	16	#4	3'-0"	┘
d3(E)	8	#4	4'-4"	┘
d4(E)	8	#4	3'-10"	┘
m(E)	5	#6	19'-7"	—
m1(E)	5	#6	25'-3"	—
m2(E)	10	#6	6'-0"	—
m3(E)	10	#6	6'-0"	—
m6(E)	4	#6	3'-2"	—
m7(E)	4	#6	2'-7"	—
m8(E)	2	#4	19'-7"	—
m9(E)	2	#4	25'-3"	—
m100(E)	21	#6	5'-0"	—
s(E)	56	#5	7'-6"	┘
s1(E)	42	#5	8'-10"	┘
u(E)	56	#4	5'-0"	┘
v(E)	45	#5	3'-1"	┘
Reinforcement Bars, Epoxy Coated			Pound	3300
Concrete Superstructure			Cu. Yd.	26.0
Structure Repair of Concrete (Depth ≤ 5")			Sq. Ft.	8

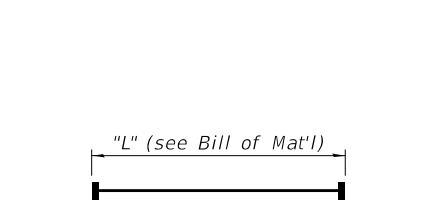


BARS u(E)

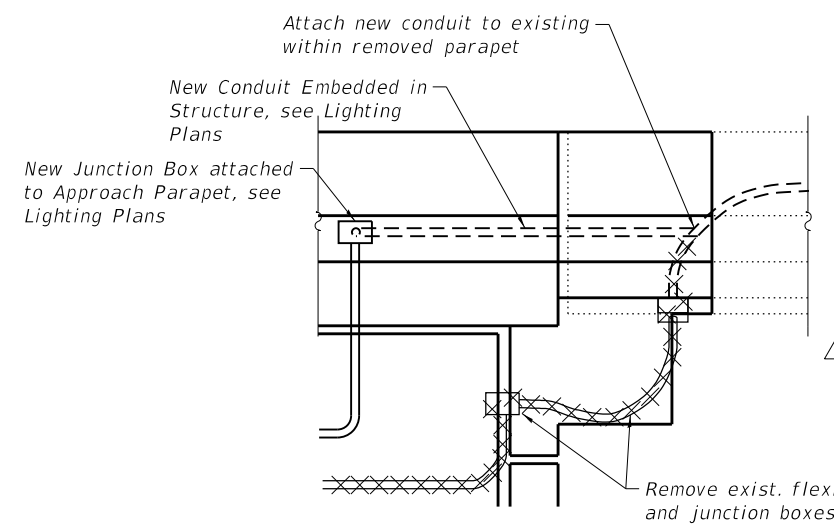
BARS s1(E)



**BAR v(E)
(Headed)**

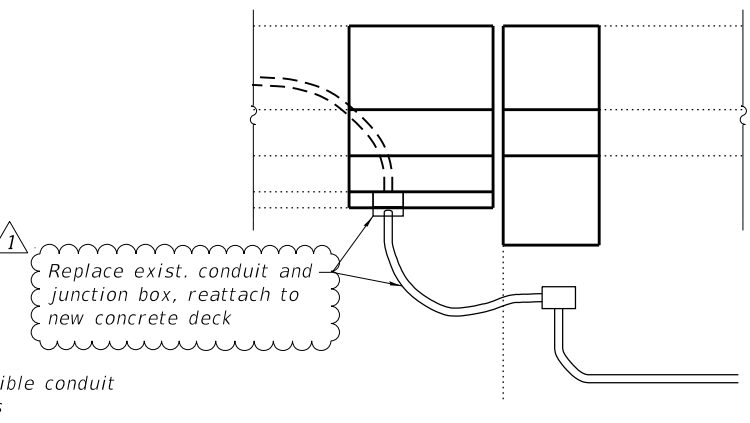


**BARS m2(E), m6(E), & m7(E)
(Headed)**



CONDUIT AT ABUTMENT JOINT

(East Abutment, North Parapet)
 (Looking South)



CONDUIT AT ABUTMENT JOINT

(West Abutment, North Parapet)
 (Looking South)

(Sheet 4 of 5)



USER NAME = csanchez	DESIGNED - LVM	REVISED - 5-25-2022
CHECKED - BAS	REVISIONS -	
PLOT SCALE =	DRAWN - BAS	REVISIONS -
PLOT DATE = 5/25/2022	CHECKED - LVM	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 092-0012**

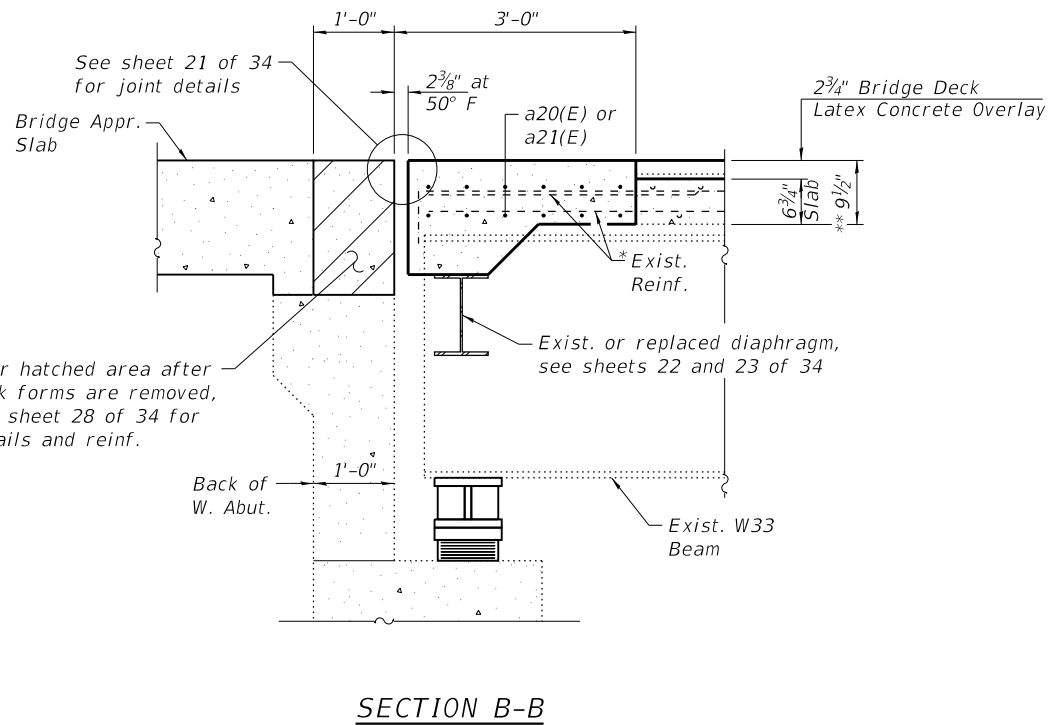
SHEET NO. 9 OF 34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	353
CONTRACT NO. 70A29				

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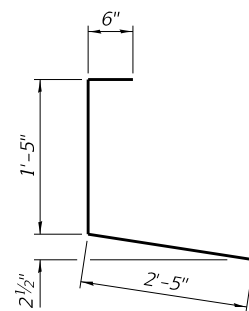
SECTION B-B

* Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

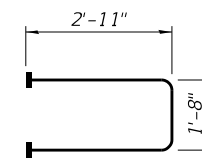
** Prior to 1/4" Diamond Grinding

BARS d(E) & d2(E)

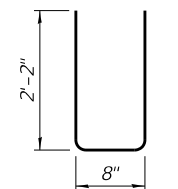
BAR d1(E)



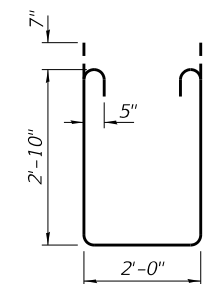
BARS d3(E)



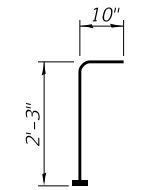
BARS s(E)
(Headed)



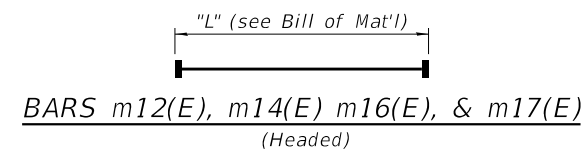
BARS u(E)



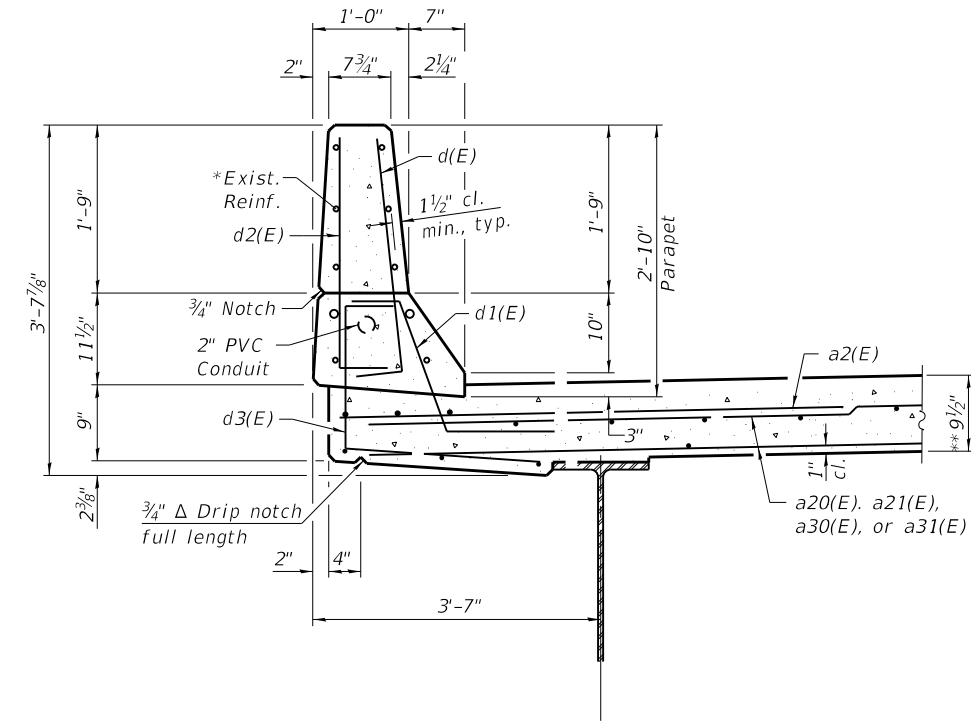
BARS s1(E)



BAR v(E)
(Headed)



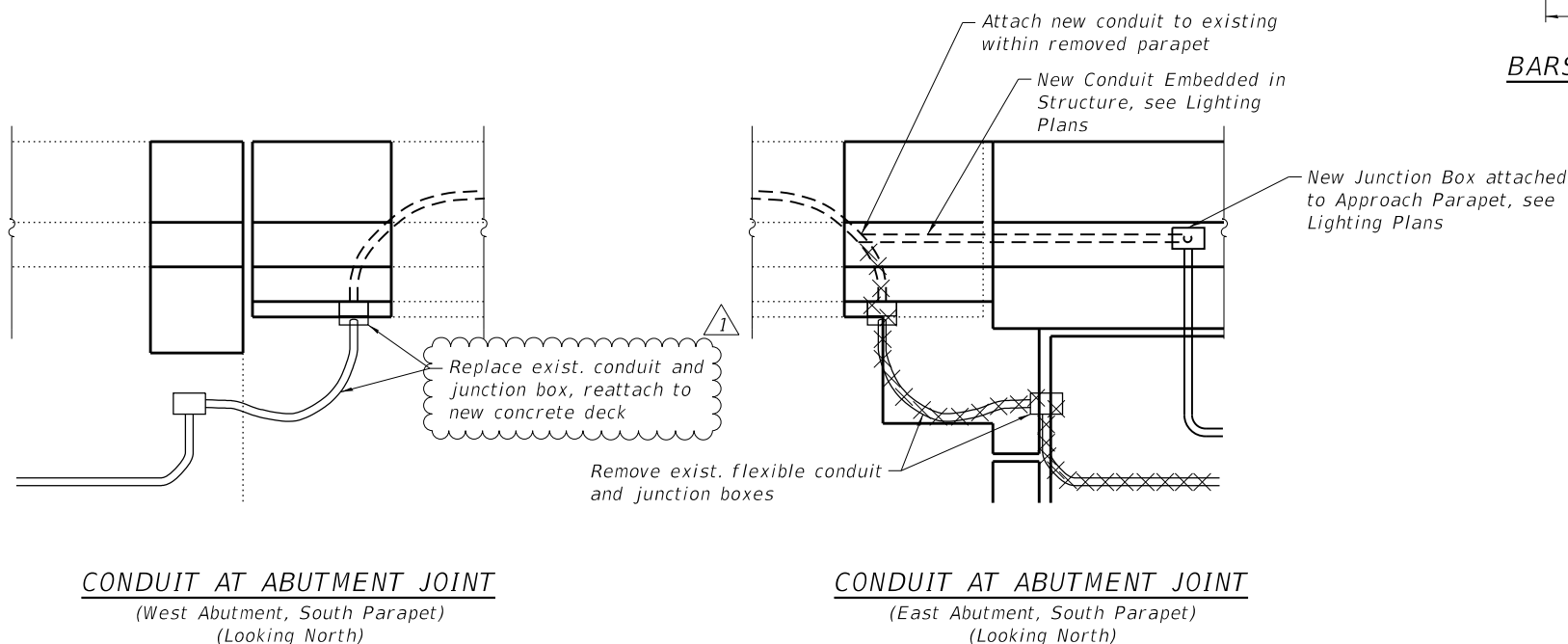
BARS m12(E), m14(E), m16(E), & m17(E)
(Headed)



SECTION THRU PARAPET

**SUPERSTRUCTURE
STR. NO. 092-0013
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a2(E)	12	#6	6'-0"	—
a20(E)	12	#5	19'-1"	—
a21(E)	12	#5	38'-8"	—
a30(E)	12	#5	19'-1"	—
a31(E)	12	#5	35'-2"	—
d(E)	16	#5	3'-0"	┌
d1(E)	16	#5	2'-7"	┌
d2(E)	16	#4	3'-0"	┌
d3(E)	16	#4	4'-4"	┌
m10(E)	5	#6	19'-7"	—
m11(E)	5	#6	35'-8"	—
m12(E)	12	#6	6'-0"	—
m13(E)	12	#6	6'-0"	—
m14(E)	2	#6	3'-2"	—
m15(E)	2	#6	3'-2"	—
m16(E)	8	#6	3'-3"	—
m18(E)	2	#4	19'-7"	—
m19(E)	2	#4	35'-8"	—
m100(E)	27	#6	5'-0"	—
s(E)	68	#5	7'-6"	┌
s1(E)	51	#5	8'-10"	┌
u(E)	68	#4	5'-0"	┌
v(E)	56	#5	3'-1"	┌
Reinforcement Bars, Epoxy Coated			Pound	4060
Concrete Superstructure Structure Repair of Concrete (Depth ≤ 5")			Cu. Yd.	32.2
			Sq. Ft.	1



CONDUIT AT ABUTMENT JOINT
(West Abutment, South Parapet)
(Looking North)

CONDUIT AT ABUTMENT JOINT
(East Abutment, South Parapet)
(Looking North)

(Sheet 4 of 5)

MODEL: Default
FILE NAME: S:\237\2019\23719020.00 (193-026 DS I-74 Danville)\CADD\CADD Sheets\70A29-0920012-014-Super Details -0013.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = csanchez	DESIGNED - LVM	REVISED - 5-25-2022
PLOT SCALE =	CHECKED - BAS	REVISED -
PLOT DATE = 5/25/2022	DRAWN - BAS	REVISED -
	CHECKED - LVM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

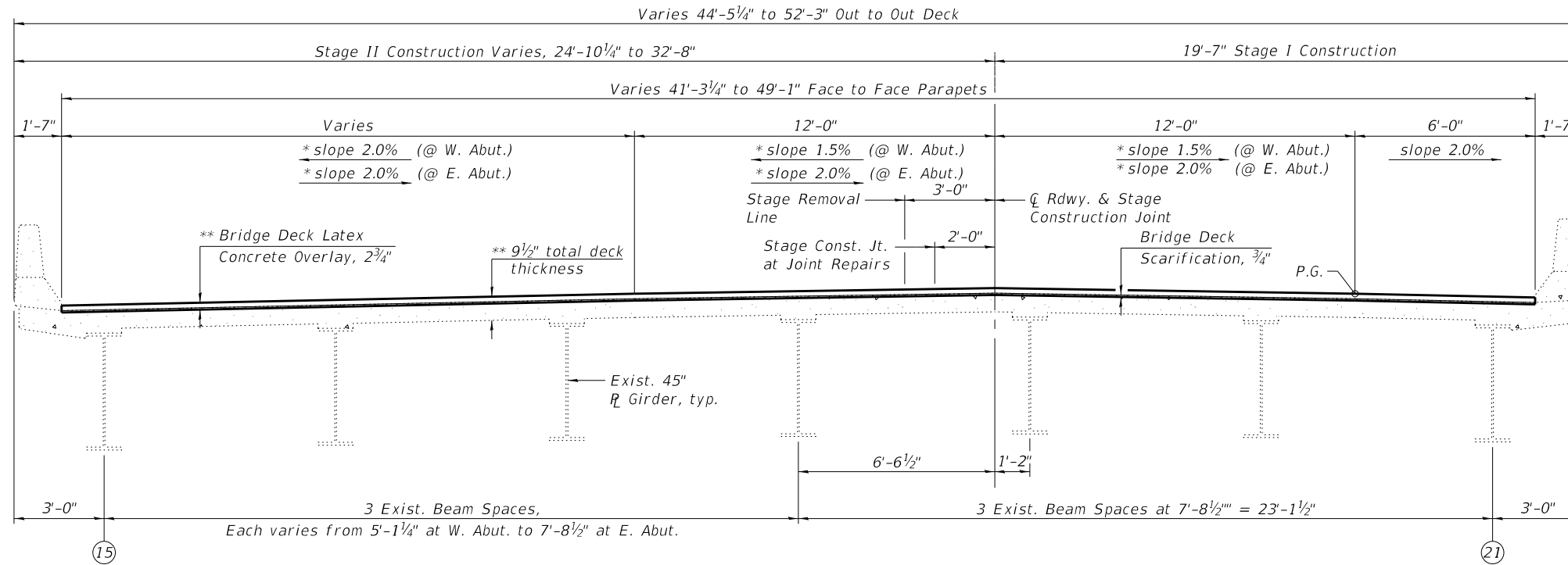
SUPERSTRUCTURE DETAILS
STRUCTURE NO. 092-0013

SHEET NO. 14 OF 34 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10,11,12)R	VERMILION	698	358
CONTRACT NO. 70A29				

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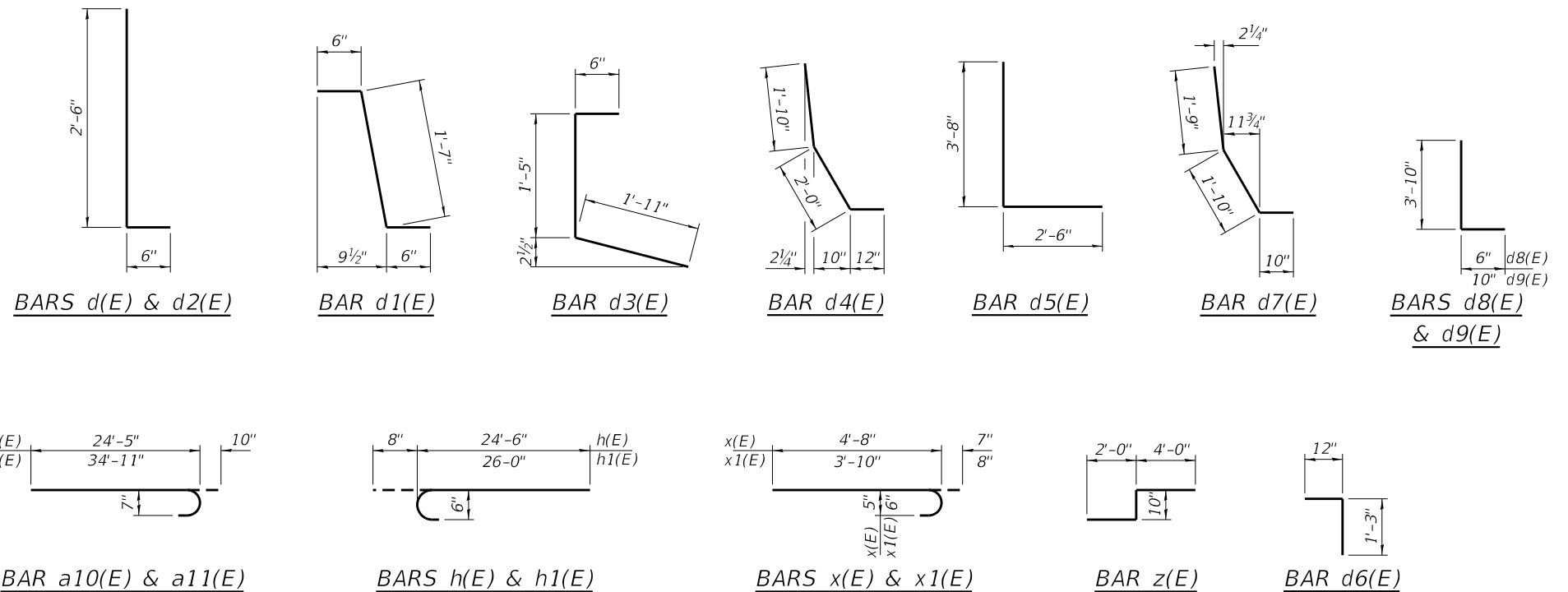
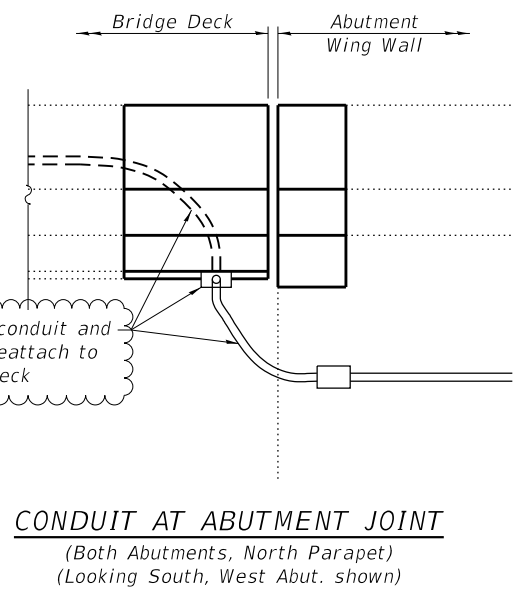
REV. 6/2/22



* Cross slope varies from normal crown at Sta. 1993+42.56 to 2.0% superelevation at Sta. 1994+84.56.
 ** Prior to 1/4\"/>

CROSS SECTION - BRIDGE DECK
 (Looking East)

Notes:
 Actual bridge cross slopes and superelevation transition locations shall be measured and documented in the field prior to scarification.
 Stations shown for the superelevation transition are according to the original bridge plans. Stations per the existing alignment may be different.



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USER NAME = csanchez	DESIGNED - BAS	REVISED - 5-25-2022
PLOT SCALE =	CHECKED - JDK	REVISED -
PLOT DATE = 5/25/2022	DRAWN - JDK	REVISED -
	CHECKED - LVM	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
 STRUCTURE NO. 092-0014

SHEET NO. 6 OF 19 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(92-10.11,12)R	VERMILION	698	384
CONTRACT NO. 70A29				

ILLINOIS FED. AID PROJECT

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