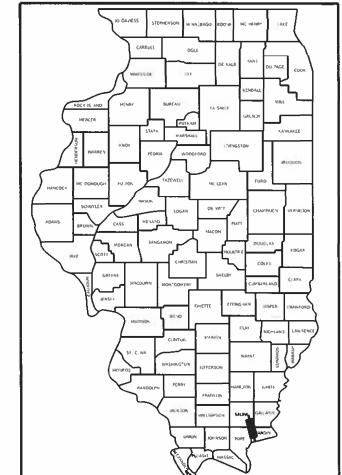
08-04-2023 LETTING ITEM 060

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 778 D9 BRIDGE REPAIR 2023-2

D-99-005-23



STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** Kirk H. Brown REGION FIVE ENGINEER June 30, 2023 ENGINEER OF DESIGN AND ENVIRONMENT June 30, 2023

LOCATION OF SECTION INDICATED THUS: - -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. - MS

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

CONTRACT NO. 78971

FOR INDEX OF SHEETS, SEE SHEET NO. 3 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

TRAFFIC DATA

0

0

SN 035-0004 : 2023 ADT = 1,790 WITH 20.95% TRUCKS

TOWNSHIPS

DESIGN DESIGNATION: N/A

COORDINATE SYSTEM : STATE PLANE ZONE - ILLINOIS EAST

POSTED SPEED: 55 MPH

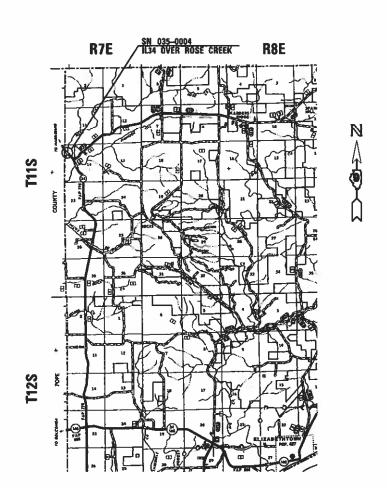
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER GRANT DETERDING PROJECT DESIGNER DEREK SNIDER

PROPOSED HIGHWAY PLANS

FAP ROUTE 778 (IL 34) SECTION D9 BRIDGE REPAIR 2023-2 PROJECT HBFP-X1TZ(659) **BRIDGE REPAIR** HARDIN COUNTY

C-99-015-23



GROSS LENGTH = 218.98 FT. = 0.041 MILES NET LENGTH = 218.98 FT. = 0.041 MILES

Prepared By: Charles

Examined By:

DISTRICT LAND ACQUISITION ENGINEER

Examined By: _________

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: DISTRICT OPERATIONS ENGINEER

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

DISTRICT CONSTRUCTION ENGINEER

Examined By: A DISTRICT MATERIALS ENGINEER

DESIGNED -REVISED REVISED CHECKED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** SIGNATURE SHEET OF SHEETS STA.

778 D9 BRIDGE REPAIR 2023-2 HARDIN 18 2 CONTRACT NO. 78971

INDEX OF SHEETS

COVER SHEET 2 SIGNATURES

GENERAL NOTES, INDEX OF SHEETS, AND STANDARDS

SUMMARY OF QUANTITIES 4-6 SN 035-0004 REPAIR DETAILS

STANDARDS

80-100000 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS AREAS OF REINFORCEMENT BARS 001001-02 DECIMAL OF AN INCH AND OF A FOOT 001006 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY OFF-ROAD OPERATIONS, 2L, 2W, 15' to 24" FROME PAVEMENT EDGE 701006-05 701201-05 LANE CLOSURE, 2L, 2W DAY ONLY 701321-18 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER 701326-04 LANE CLOSURE, 2L ,2W, PAVEMENT WIDENING, FOR SPEEDS 2 45 MPH 701901-08 TRAFFIC CONTROL DEVICES 704001-08 TEMPORARY CONCRETE BARRIER 780001-05 TYPICAL PAVEMENT MARKINGS 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS) 420001-10 PAVEMENT JOINTS GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS 782006-01

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT ALL AGGREGATE

2.016 TONS/CU YD 2.05 TONS/CU YD

COMMITMENTS: NONE

Location(s):	Hot-Mix Asphalt Surface Course (IL-34)
Mixture Úse(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition:(Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 tons
Material Transfer Device (Required?):	No

Location(s):	Hot-Mix Asphalt 10" widening (Top Lift)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition:(Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix C
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 tons
Material Transfer Device (Required?):	No

Location(s):	Hot-Mix Asphalt 10" widening (Bottom Lifts)
Mixture Use(s):	Hot-Mix Asphalt Surface Binder, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition:(Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3000 tons
Material Transfer Device (Required?):	No

REV. - MS

Lift Thickness: 1 1/2" Surface Course 2 1/4" Binder Course 2 1/4" Binder Course

4" Binder Course

	USER NAME = Derek.Snider	DESIGNED	REVISED								F.A.P RTE.	SECTION	COUNTY	TOTAL SHEE SHEETS NO.
		DRAWN	REVISED	STATE OF ILLINOIS	INDEX	OF SHEE	TS, GE	NERAL	_NOTES,	STANDARDS	S 778	D9 BRIDGE REPAIR 2023-2	HARDIN	18 3
L	PLOT SCALE = 0.16666633 ' / in.	CHECKED	REVISED	DEPARTMENT OF TRANSPORTATION									CONTRACT	NO. 78971
	PLOT DATE = 5/1/2023	DATE	REVISED		SCALE:	SHEET	OF	SHEETS	STA+	TO STA	_+	ILLINOIS FED. A	ID PROJECT	

SUMMARY OF QUANTITIES

	COUNTY:	HARDIN CO
	ROUTE:	FAP 778
	FUNDING:	80% FEDERAL 20% STATE
	LOCATION:	BRIDGE
	TOTAL	0013
NIT	QUANTITY	035-0004
) YD	224	224
UND	473	473
) YD	185	185
. 10	103	103
) YD	33	33
	4	
ON	85	85
) VD	224	22.4
) YD	224	224
J YD	11.1	11.1
J YD	12.4	12.4
) YD	33	33
UND	1,950	1,950
4CH	20	20
ACH	60	60
ООТ	83	83
N VD	202	202
) YD	282	282

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0013 035-0004
MOMBER			QUANTITY	035-0004
35650500	BASE COURSE WIDENING 10"	SQ YD	224	224
300000	BASE COURSE WIDENING TO	3Q 1D	224	224
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	473	473
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	185	185
40600990	TEMPORARY RAMP	SQ YD	33	33
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	85	85
44004250	PAVED SHOULDER REMOVAL	SQ YD	224	224
50102400	CONCRETE REMOVAL	CU YD	11.1	11.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	12.4	12.4
30300233	esticité set étationne telle	60 15	12	12.1
50300300	PROTECTIVE COAT	SQ YD	33	33
30300300	PROTECTIVE COAT	3Q 1D	33	33
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,950	1,950
50800515	BAR SPLICERS	EACH	20	20
50800530	MECHANICAL SPLICERS	EACH	60	60
52000110	PREFORMED JOINT STRIP SEAL	FOOT	83	83
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	282	282
59000200	EPOXY CRACK INJECTION	FOOT	145	145
		L		

SHEET

REV. - MS

USER NAME = Derek.Snider	DESIGNED	REVISED	
	DRAWN	REVISED	
PLOT SCALE = 0.16666633 ' / in.	CHECKED	REVISED	
PLOT DATE = 4/14/2023	DATE	REVISED	

SUMMARY OF QUANITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL		
St	JMMARY	OF QU	ANITIES		778	D9 BRIDGE REPAIR 2023-2	HARDIN	18
					4	- 10	CONTRACT	NO. 78
ET	OF 17	SHEETS	STA. + .	TO STA. + .		ILLINOIS FED. AII	D PROJECT	

SUMMARY OF QUANTITIES - CONT

	~ · · · · · · · · · · · · · · · · · · ·		ROUTE.	FAP //0
			FUNDING:	80% FEDERAL 20% STATE
			LOCATION:	BRIDGE
CODE	ITEM DECEDITION	LINIT	TOTAL	0013
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	035-0004
67000400	ENCINEEDIC FIELD OFFICE TYPE A			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70100300	THATTE CONTINUE AND THOREGION, STANDAND 701320	2 3014	<u> </u>	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70100700	TEM OVAN ROMBEL STRIPS	LACIT	•	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	63	63
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO ET	21	21
70300130	SHORT TERM FAVEMENT MARKING REMOVAL	SQ FT	21	2.1
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	1,377	1,377
70400100	TEMPORARY CONCRETE BARRIER	FOOT	388	388
70400200	DELOCATE TEMPODARY CONCRETE DARRIER	FOOT	250	250
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	350	350

.: SOQ 2 [Sheet]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANITIES

SHEET OF SHEETS STA. __+___

HARDIN CO

FAP 778

ROUTE:

SUMMARY OF QUANTITIES - CONT

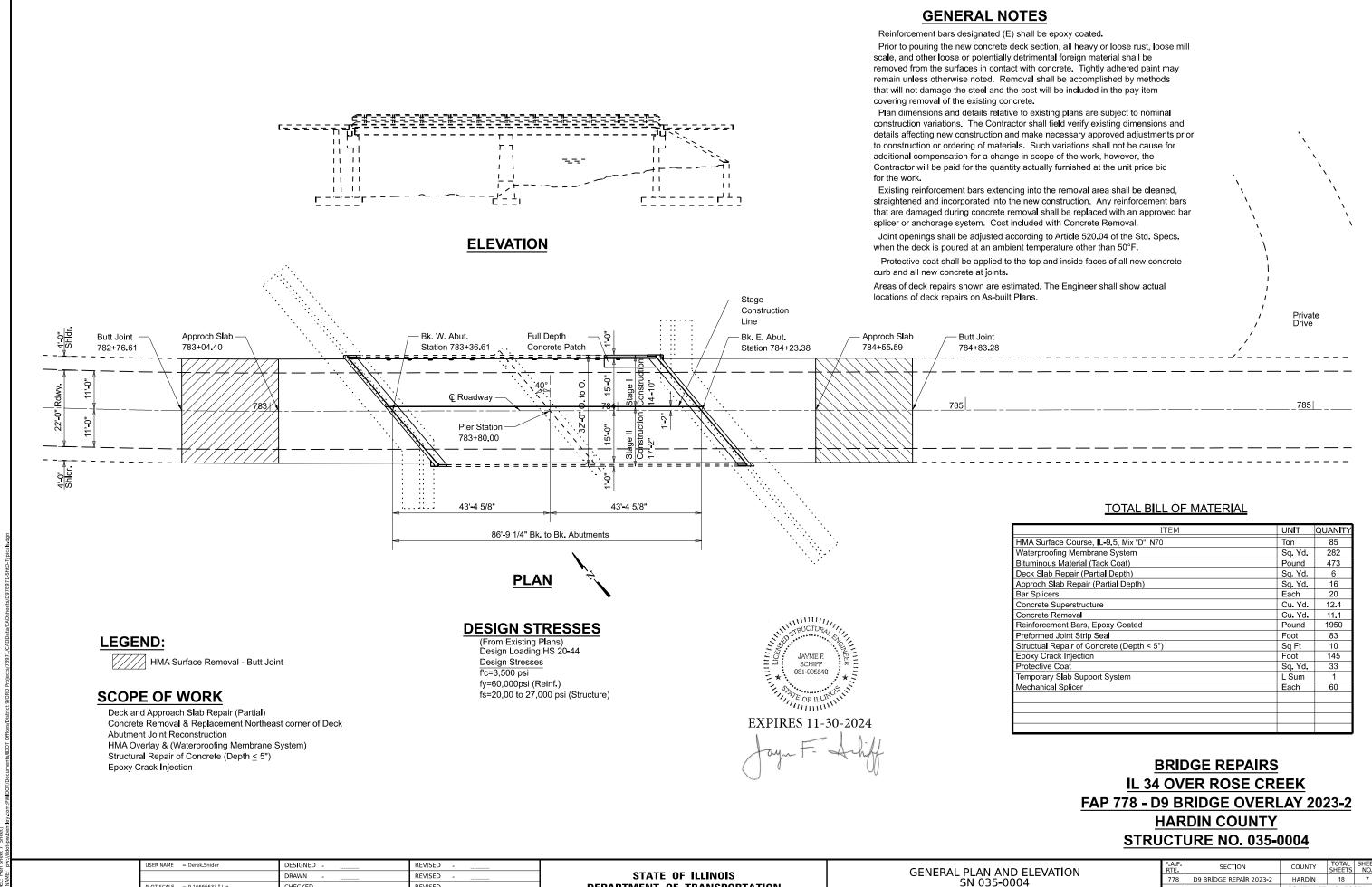
HARDIN CO	COUNTY:
FAP 778	ROUTE:
80% FEDERAL 20% STATE	FUNDING:
BRIDGE	LOCATION:
0040	TOTAL

			LOCATION:	BRIDGE
CODE		T	TOTAL	0013
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	035-0004
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,377	1,377
78001110	FAINT FAVENENT MARKING - LINE 4	FOOT	1,377	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5	5
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	601	601
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1	1
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	16	16
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	10	10
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	6	6
Z0073351	TEMPORARY SLAB SUPPORT SYSTEM	L SUM	1	1

★ SPECIALTY ITEM

REV. - MS

USER NAME = Derek.Snider	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 0.16666633 ' / in.	CHECKED	REVISED
PLOT DATE = 4/14/2023	DATE	REVISED



DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 78971

SHEETS STA.

TO STA.

PLOT SCALE = 0.16666633 ' / in.

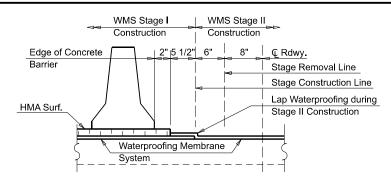
PLOT DATE = 6/29/2023

CHECKED

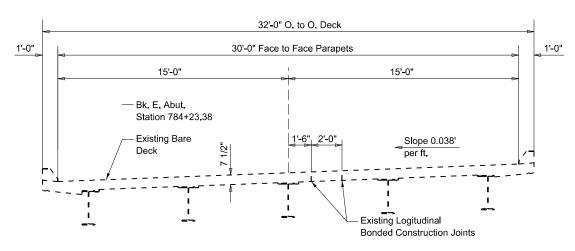
DATE

REVISED

REVISED



WATERPROOFING TREATMENT AT STAGE CONSTRUCTION

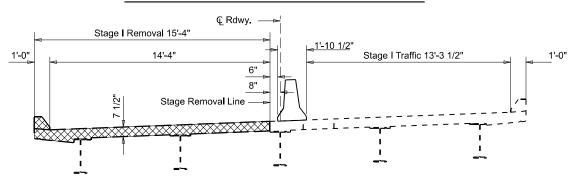


15'-0" 15'-0" Match Existing 0.038' 1/2" WMS + 10" 2" HMA Existing Logitudinal **Bonded Construction Joints**

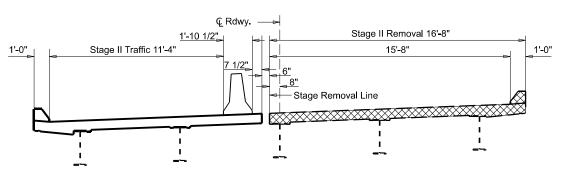
32'-0" O. to O. Deck

30'-0" Face to Face Parapets

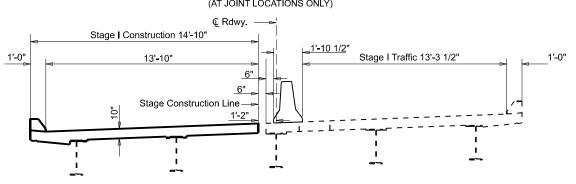
TYPICAL BRIDGE SECTION - EXISTING



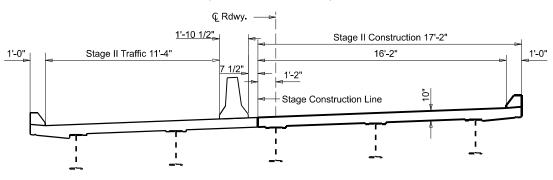
TYPICAL BRIDGE SECTION - PROPOSED



STAGE I REMOVAL (AT JOINT LOCATIONS ONLY)



STAGE II REMOVAL (AT JOINT LOCATIONS ONLY)



STAGE I CONSTRUCTION (AT JOINT LOCATIONS ONLY)

STAGE II CONSTRUCTION

Concrete Removal

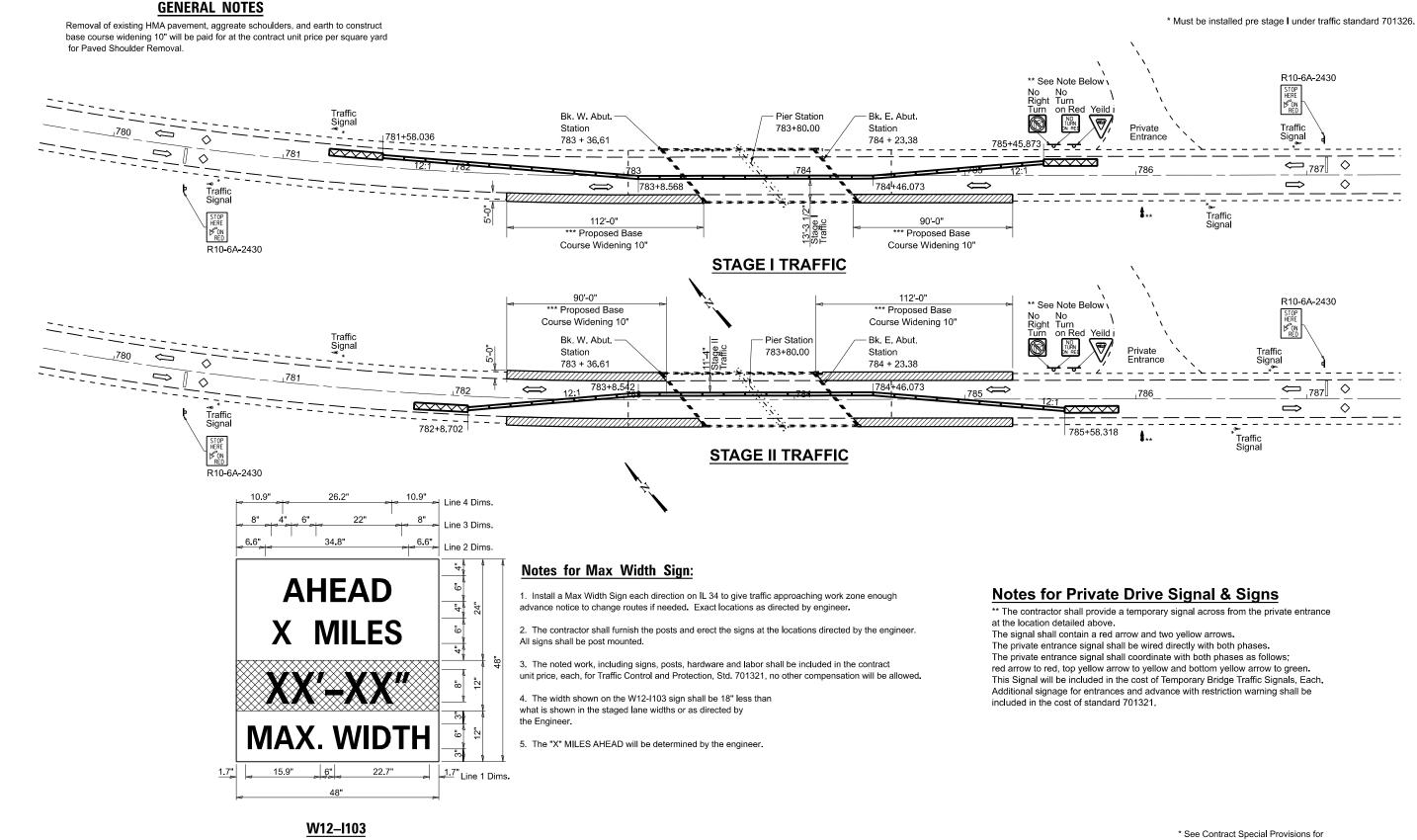
18 8

Notes: All Sections Looking East

1'-0"

USER NAME = Derek.Snider	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 0.16666633 / in.	CHECKED	REVISED
PLOT DATE = 4/17/2023	DATE -	REVISED -

1'-0"



LEGEND:

Impact Attenuator

W12-I103, No Border
"MAX WIDTH" 6D, No Border, Black on White
"XX-XX"" 8D, No Border, Black on Orange
"X MILES" 6D, No Border, Black on White
"AHEAD" 6D, No Border, Black on White

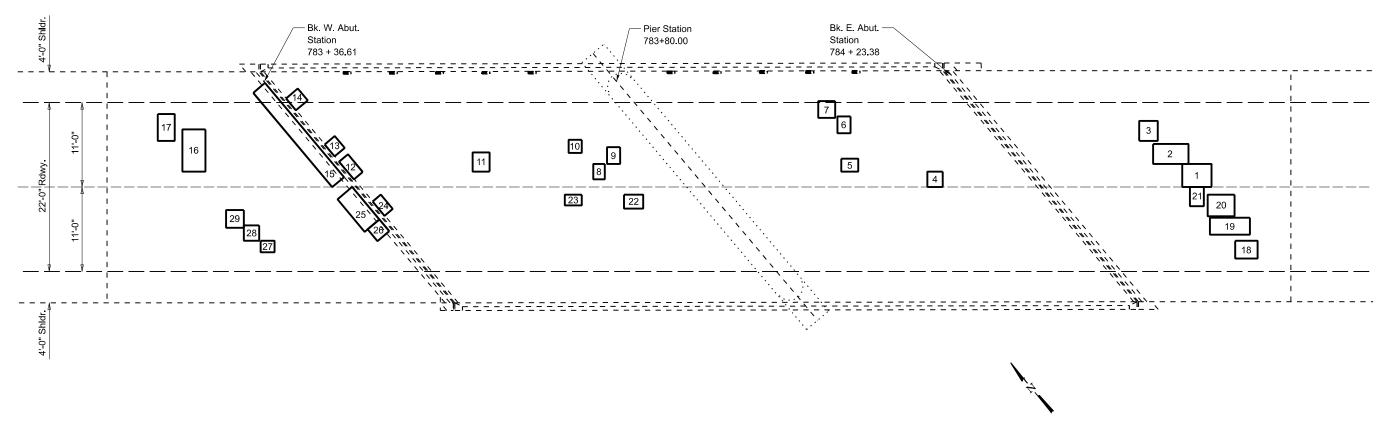
"See Contract Special Provisions for "TEMPORARY BRIDGE TRAFFIC SIGNALS".

USER NAME = Derek.Snider	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 0.16666633 / in.	CHECKED	REVISED
DLOT DATE - 4/10/2022	DATE	DEVICED

STATE OI	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

SHEET

STAGING PLAN SN 035-0004			F.A.P. RTE			COUNTY	TOTAL SHEETS	SHEET NO.		
			778	778 D9 BRIDGE REPAIR 2023-2 HARDIN			HARDIN	18	9	
							CONTRACT	NO. 789	971	
OF	SHEETS	STA	TO STA.			ILLINOIS	FED. Al	D PROJECT		



North Bound					
Number	Length (ft)	Width (ft)	Area (Sq. Yd.)		
1	3.8	3.0	1.267		
2	4.6	2.6	1.329		
3	2.6	2.4	0.693		
4	2.0	2.0	0.444		
5	2.2	1.7	0.416		
6	2.0	2.6	0.578		
7	2.2	2.2	0.538		
8	1.7	2.2	0.416		
9	1.5	2.0	0.333		
10	1.7	1.7	0.321		
11	2.2	2.5	0.611		
12	1.5	3.0	0.500		
13	1.7	2.0	0.378		
14	2.0	2.0	0.444		
15	2.0	16.0	3.556		
16	3.0	5.5	1.833		
17	3.5	2.2	0.856		
N	Iorth Bound Tota	al	14.512		

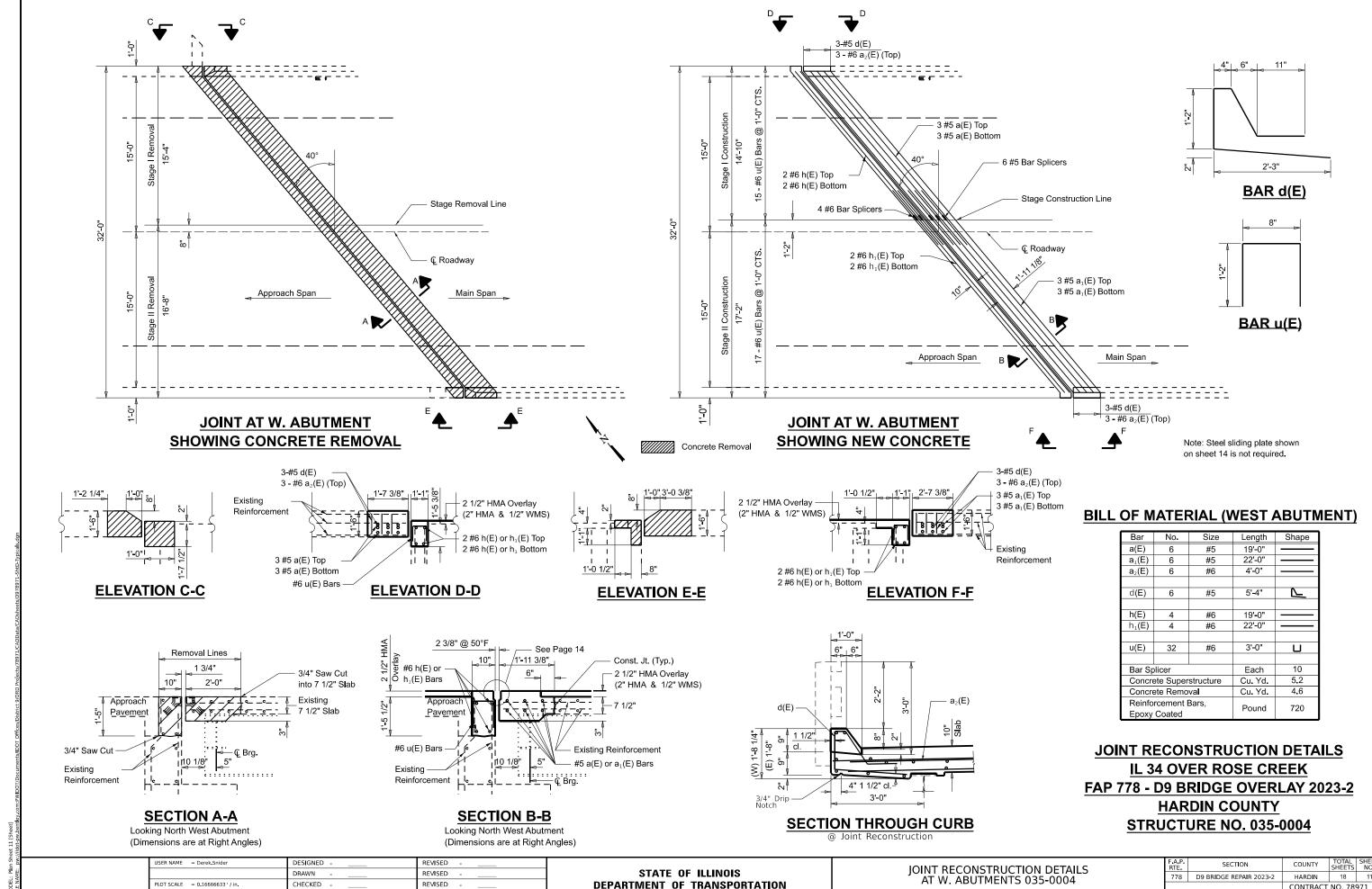
South Bound							
Number	Length (ft)	Area (Sq. Yd.)					
18	2.9	2.3	0.741				
19	5.2	2.2	1.271				
20	3.5	2.8	1.089				
21	1.8	2.5	0.500				
22	2.5	1.8	0.500				
23	2.2	1.4	0.342				
24	1.4	2.4	0.373				
25	5.5	2.5	1.528				
26	2.0	2.0	0.444				
27	1.8	1.5	0.300				
28	2.0	2.0	0.444				
29	2.3	2.3	0.588				
	South Bound Total						

Notes: The Engineer will determine final patch locations and quantities in the field before bridge deck and approch slab patching operations begin.

BILL OF MATERIAL

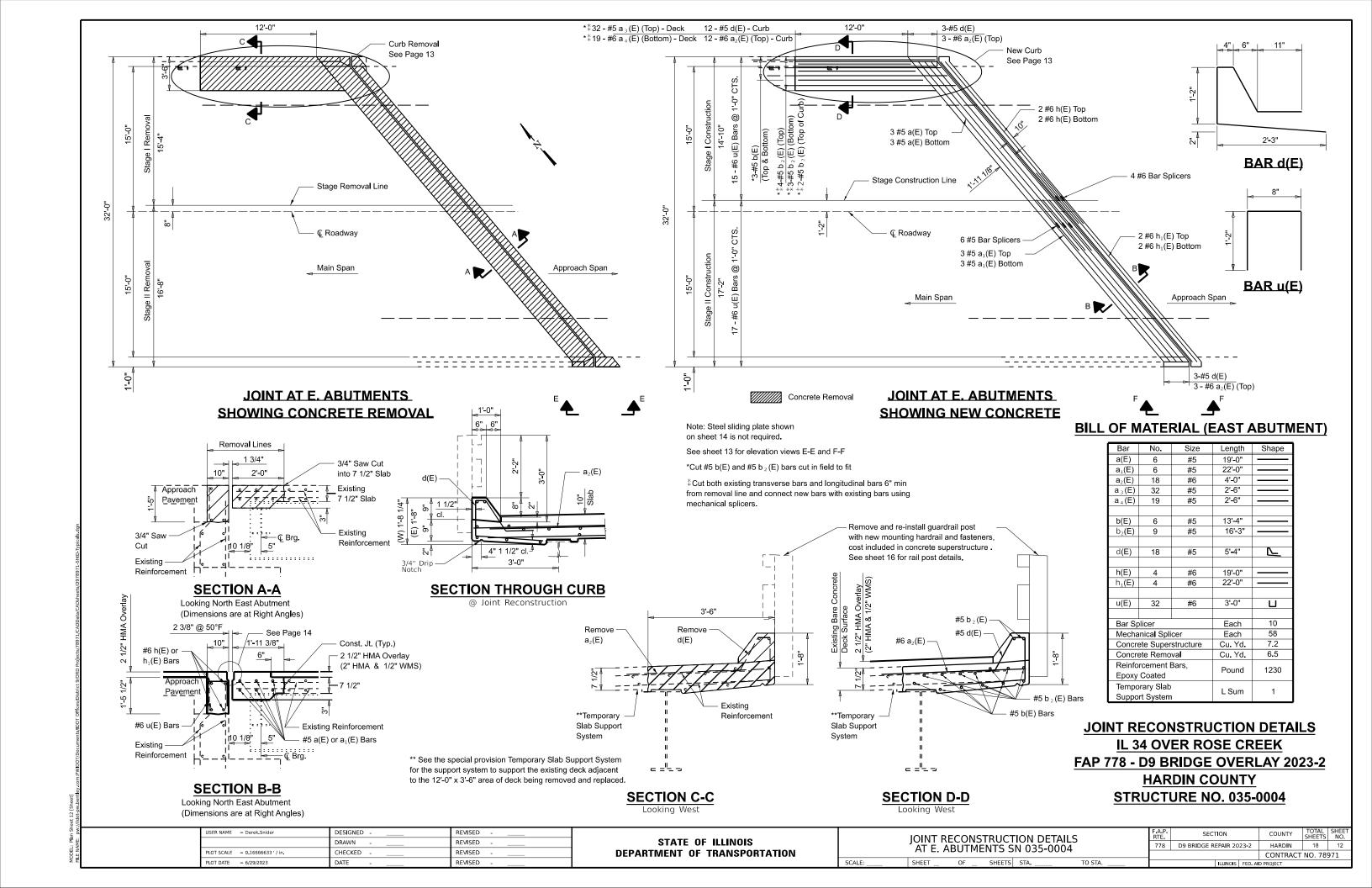
ITEM	UNIT	TOTAL
Deck Slab Repair (Partial Depth)	SQ. YD.	6.2
Approach Slab Repair (Partial Depth)	SQ. YD.	16.4

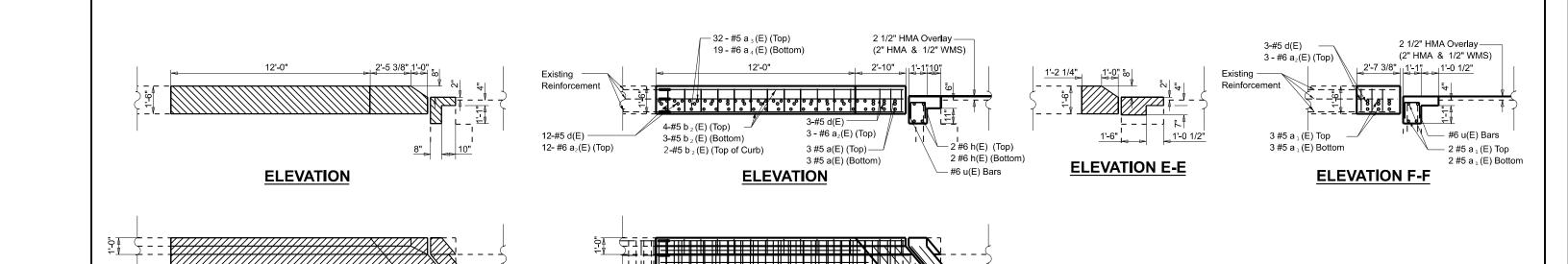
USER NAME = Derek.Snider	DESIGNED -	REVISED
	DRAWN	REVISED
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED
PLOT DATE = 4/19/2023	DATE -	REVISED -



CONTRACT NO. 78971

OF SHEETS STA.





PLAN

Northeast Quadrant Curb Removal

Looking South @ East Abutment

PLAN

Splicer (Typ.)

Reinforcement

Northeast Quadrant Curb New

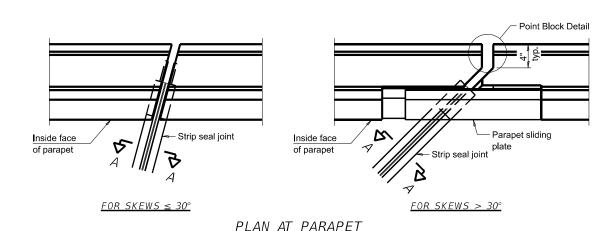
Looking South @ East Abutment

Concrete Removal

JOINT RECONSTRUCTION AT CURB DETAILS IL 34 OVER ROSE CREEK FAP 778 - D9 BRIDGE OVERLAY 2023-2 HARDIN COUNTY STRUCTURE NO. 035-0004

USER NAME = Derek.Snider	DESIGNED	REVISED			STATE OF HUNOIS CURB REMOVAL & REPLACEMENT DETAILS		CURR DEMOVAL & DEDLACEMENT DETAILS		F.A.P. RTF	SECTION	COUNTY	TOTAL SI	NO.	
	DRAWN	REVISED	STATE OF ILLINOIS	CURB REMOVAL & REPLACEMENT DETAILS SN 035-0004		778	D9 BRIDGE REPAIR 2023-2	HARDIN	18	13				
PLOT SCALE = 0.16666633 / in.	CHECKED	REVISED	DEPARTMENT OF TRANSPORTATION					CONTRAC	T NO. 7897	$\sqrt{1}$				
PLOT DATE = 6/22/2023	DATE	REVISED		SCALE:	SHEET	OF	SHEETS	STA	TO STA.		ILLINOIS FED. AIG	O PROJECT		

#ODEL: Plan Sneet 13 | Sneet) TE NAME: pw://ildot-pw.bentlev.com;PWIDOT/Docun

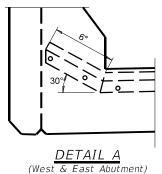


* 3/4" Ø x 6" Studs (6 per side 34" parapet) (8 per side 42" parapet) 7 3/4" Embedded plate full depth 3/8" Embedded plate full depth Min. lap 6" 1/2" Parapet sliding plate 3/8" Ø Countersunk bolts 1'-0" (8 per side 34" parapet) (10 per side 42" parapet) Direction of traffic SECTION B-B

2" Max -Parapet sliding 子 £ В Top of locking Detail A edge rail Inside Face Top of deck of Parapet 5/8" Ø x 6" Studs/ typ.

ELEVATION AT PARAPET

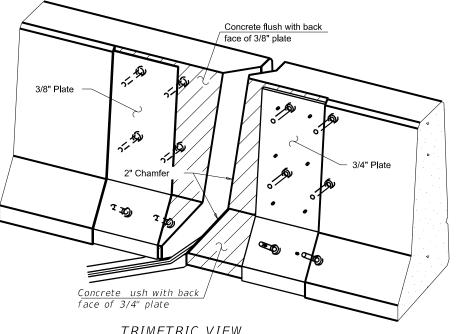
(Skews > 30° shown. Skews ≤ 30° similar except as shown in plan view.)



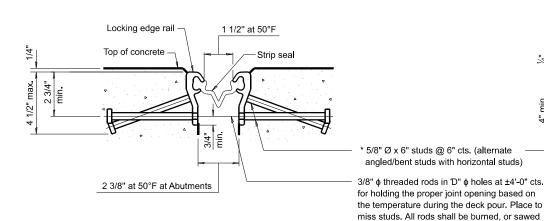
off flush with the plates after concrete is set.

SECTION A-A * Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

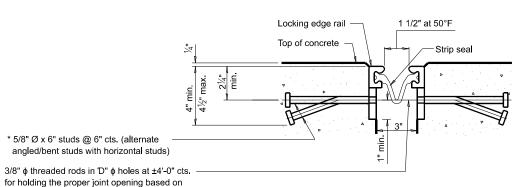
SN 035-0004



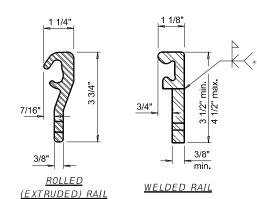
TRIMETRIC VIEW (Showing embedded plates only)



SHOWING ROLLED RAIL JOINT



SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed.

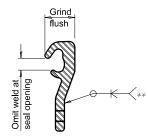
The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be c" and sealed with a suitable sealant, however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal. 34" F-shape barrier shown, 42" F-shape similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. Such adjustments shall be at no additional cost to the State.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	83

USER NAME = Derek.Snider	DESIGNED	REVISED

STATE OF ILLINOIS

PREFORMED JOINT STRIP SEAL DETAILS SN 035-0004 OF SHEETS STA. TO STA. SHEET

	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.	
	778	D9 BRIDGE REPAIR 2023-2	HARDIN	18	14	
			CONTRACT NO. 789			
			•			

DRAWN REVISED PLOT SCALE = 0.16666633 ' / in. CHECKED REVISED PLOT DATE = 6/22/2023 DATE REVISED

DEPARTMENT OF TRANSPORTATION SCALE:

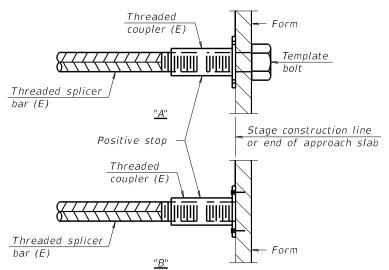
STANDARD BAR SPLICER ASSEMBLY PLAN

(All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + $1\frac{1}{2}$ " + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

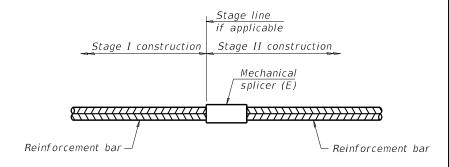
Location	Bar	No. assemblies	Minimum
Location	size	required	lap length
Deck	Deck #5		3'-2"
Hatchblock	#6	8	3'-10''



INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt.
"B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E): Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar	No. assemblies
	size	required
Deck	#5	60

Notes:

alternatives.

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 Speci cations. See approved list of bar splicer assemblies and mechanical splicers for

BAR SPLICER ASSEMBLY DETAILS

IL 34 OVER ROSE CREEK

FAP 778 - D9 BRIDGE OVERLAY 2023-2

HARDIN COUNTY

STRUCTURE NO. 035-0004

BSD-1

1-1-2020

USER NAME = Derek.Snider	DESIGNED	REVISED	
	DRAWN	REVISED	
PLOT SCALE = 0.16666633 / in.	CHECKED	REVISED	
PLOT DATE = 6/22/2023	DATE	REVISED	

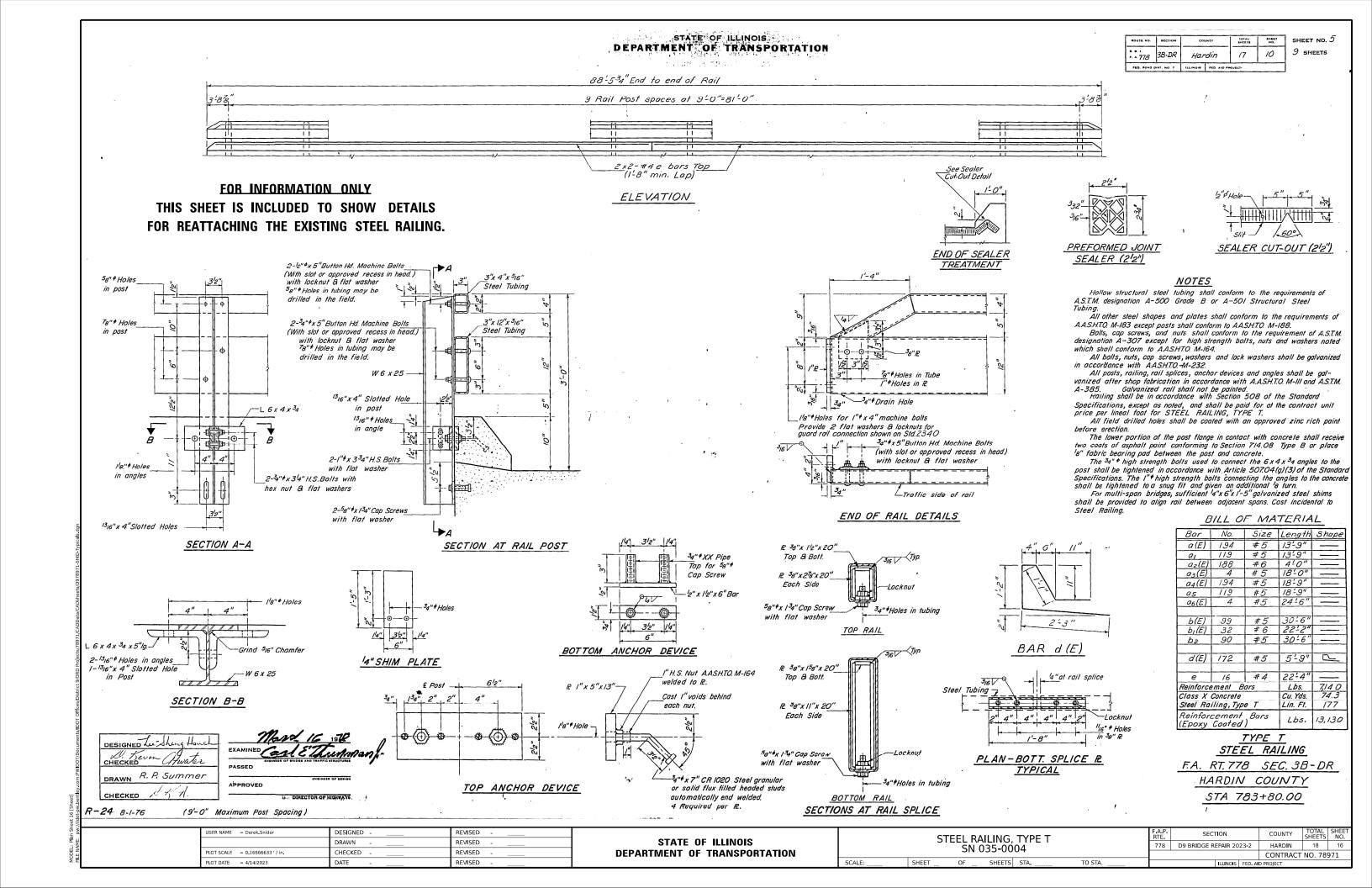
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SLICER DETAILS						F
	SN 035-0004					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA	

 F.A.P. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.

 778
 D9 BRIDGE REPAIR 2023-2
 HARDIN
 18
 15

 CONTRACT NO. 78971



DEPARTMENT OF TRANSPORTATION

SHEET

SHEETS STA.

TO STA.

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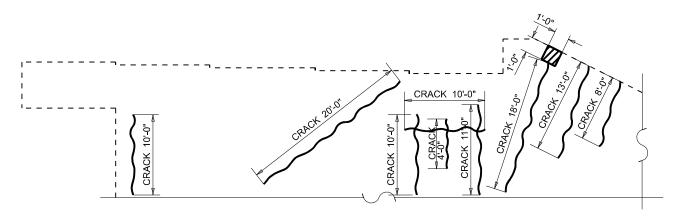
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CHECKED .

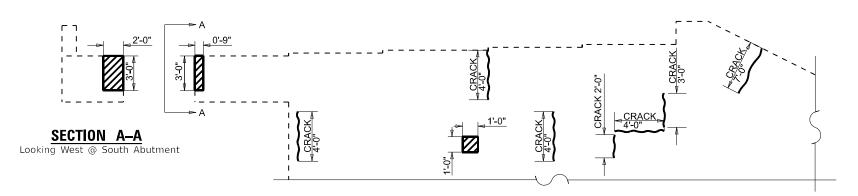
DATE

REVISED

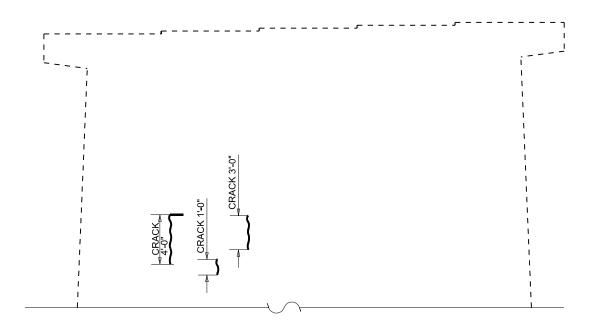
REVISED



SOUTH FACE NORTH ABUTMENT LOOKING NORTH



NORTH FACE SOUTH ABUTMENT LOOKING SOUTH

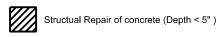


NORTH FACE AT PEIR LOOKING SOUTH CRACK 5'-0" WEST WING WALL AT SOUTH ABUTMENT

LOOKING SOUTH

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structual Repair of Concrete (Depth < 5")	SQ. FT.	10,25
Epoxy Crack Injection	FOOT	145



Epoxy Crack Injection

USER NAME = Derek.Snider	DESIGNED -	REVISED
	DRAWN	REVISED
PLOT SCALE = 0.16666633 / in.	CHECKED	REVISED
PLOT DATE = 4/14/2023	DATE -	REVISED -

STATE OF	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

STRUCTUAL REPAIR OF CONCRETE			F.A.P. RTE				TOTAL SHEETS			
SN 035-0004 778 D9 BRIDGE REPAIR 203				778	D9 BRIDGE REPAIR 2023-2		HARDIN	18		
							CONTRACT	NO. 78		
				ILLINOIS FED AL	D DDOIECT					