

MODEL: SCQ-2
FILE NAME: X:\Projects\Current\220-0845 IDOT WD15 FAP Route 328 (IL 154)\DCN0790013-087696-SHT-3-5-SUMMARY-OF-QUANTITIES.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FEDERAL 20% STATE
				BRIDGE
				0047 S.N. 079-0013
53101409	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2"	SQ YD	3002	3002
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	150	150
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
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
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	2934	2934
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	220	220
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1225	1225

* SPECIALTY ITEM

1 REVISD 9-9-2026

MODEL: SQQ-3
FILE NAME: X:\Project\Current\220-0845 IDOT WD15 FAP Route 328 (IL 154)\DGN\0790013-087696-SHT-3-5-SUMMARY-OF-QUANTITIES.dgn



Hurst-Rosche, Inc.
PROFESSIONAL DESIGN DIVISION
5 BANK SQUARE
EAST ST. LOUIS, IL
PH: 618.398.0890

USER NAME	= Crussell
DESIGNED	- ####
DRAWN	- ####
CHECKED	- ####
PLOT DATE	= 6/4/2026
DATE	- ####

DESIGNED	- ####
DRAWN	- ####
CHECKED	- ####
DATE	- ####

REVISED	- ####
REVISED	- ####
REVISED	- ####
REVISED	- ####

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	125-1BR-1	RANDOLPH	26	5
CONTRACT NO. 76R96				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FEDERAL 20% STATE
				BRIDGE
				0047 S.N. 079-0013
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	3322	3322
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1122	1122
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1122	1122
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
* 70000230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	3322	3322
* 78009006	MODIFIED URETHANE PAVEMENT MARKING- LINE 6"	FOOT	3322	3322
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	13	13
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	13	13
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1662	1662
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2388	2388
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
Ø Z0076600	TRAINEES	HOOR	2000	2000
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	2836	2836
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	2000	2000
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT	38	38

* SPECIALTY ITEM Ø 0042

△ REVISED 9-8-2026

REV - MS

MODEL: General Notes
FILE NAME: X:\Projects\Current\220-0845 IDOT WD15 FAP Route 328 (IL 154)\DGN\0790013-0876696-SHT-07-SCHEDULE-OF-QUANTITIES.dgn

MODIFIED URETHANE PAVEMENT MARKING - LINE 6"



PAVEMENT MARKING SCHEDULE												
LOCATION			TYPE	EDGE/CL	LT/RT	PAVEMENT MARKING BLACKOUT TAPE, 5"	SHORT TERM PAVEMENT MARKING REMOVAL	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
STAGE I						FOOT	SQ FT	FOOT	SQ FT	FOOT	EACH	EACH
STATION	to	STATION										
317+00.00	to	327+00.00	RRPM								13	
314+77.50	to	328+70.50	SOLID WHITE	EDGE	LT							
316+55.49	to	327+38.67	SOLID WHITE	EDGE	LT							
314+67.50	to	316+30.40	BLACKOUT TAPE	CL	CTR	163	68					
316+55.49	to	327+38.67	BLACKOUT TAPE	CL	CTR	1084	452					
327+70.50	to	329+30.50	BLACKOUT TAPE	CL	CTR	160	67					
STAGE II												
STATION	to	STATION										
315+57.50	to	328+78.50	SOLID WHITE	EDGE	RT							
316+56.99	to	327+42.52	SOLID WHITE	EDGE	RT							
314+97.50	to	317+11.86	BLACKOUT TAPE	CL	CTR	215	90					
316+56.99	to	327+42.52	BLACKOUT TAPE	CL	CTR	1086	453					
326+63.15	to	328+88.50	BLACKOUT TAPE	CL	CTR	226	95					
POST BRIDGE REPAIRS												
STATION	to	STATION										
317+00.00	to	327+00.00	RRPM									13
317+62.16	to	326+18.42	SOLID WHITE	EDGE	LT			857	429	857		
317+68.50	to	326+23.50	SOLID DBL YELLOW	CL	CTR			1710	855	1710		
318+73.13	to	326+27.96	SOLID WHITE	EDGE	RT			755	378	755		
TOTALS						2934	1225	3322	1662	3322	13	13

TEMPORARY CONCRETE BARRIERS				
LOCATION		TEMPORARY CONCRETE BARRIERS	RELOCATE TEMPORARY CONCRETE BARRIERS	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
		FOOT	FOOT	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
STAGE I				
STATION	TO	STATION		
316+34.78	TO	327+57.20	1122	2
STAGE II				
STATION	TO	STATION		
316+34.78	TO	327+57.20	1122	2
TOTAL			1122	2

SHOULDER SCHEDULE						
LOCATION				PAVED SHOULDER REMOVAL	HMA SHOULDERS 8	BITUMINOUS MATERIALS (TACK COAT)
STATION		OFFSET		SQ YD	SQ YD	POUND
316+55.49	TO	317+68.50	LT	63	63	15
316+56.99	TO	317+68.50	RT	62	62	11
326+23.50	TO	327+38.67	LT	64	64	15
326+23.50	TO	327+42.52	RT	67	67	11
TOTALS				256	256	52

REVIS 9-8-2026



Hurst-Rosche, Inc.
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EAST ST. LOUIS, IL
PH: 618.398.0890

USER NAME = ssoto
DESIGNED -
DRAWN -
CHECKED -
PLOT DATE = 9/2/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 09/02/2026
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

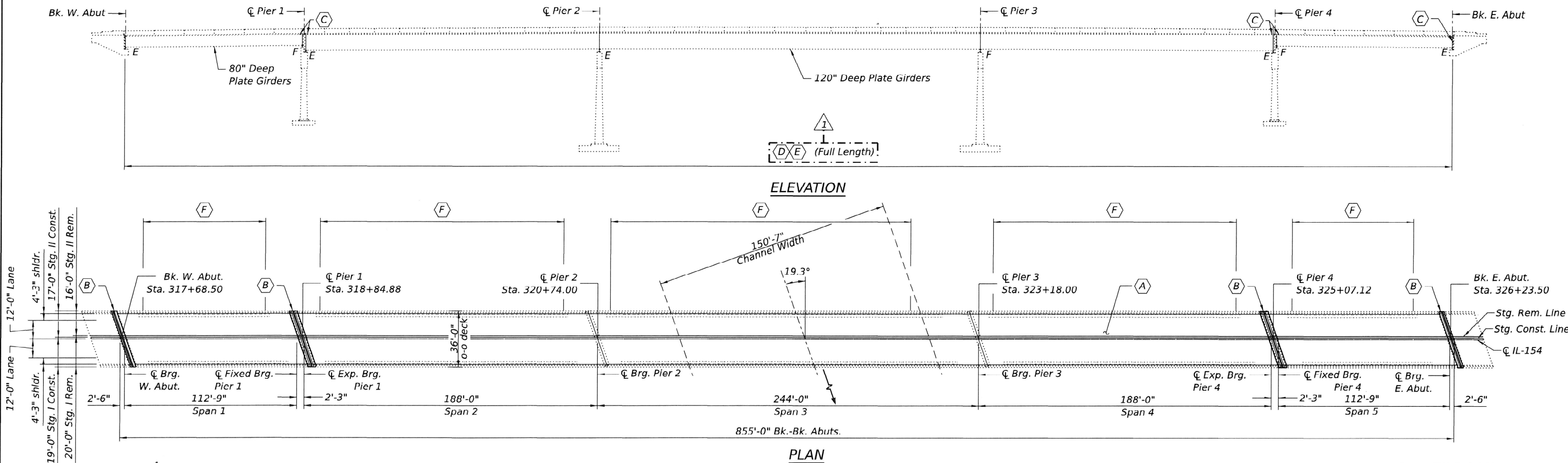
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	125-1BR-1	RANDOLPH	26	7
CONTRACT NO. 76R96				
ILLINOIS FED. AID PROJECT				

Benchmark:
"X" cut on S.W. corner of bridge curb. Overflow Bridge, 12' RT of Sta. 1011+80. Channel Transit line U.S.A.C.E. Elev. 396.12

Existing Structure No. 079-0013:
The existing structure consists of two approach spans at 20'-5" over vaulted abutments. The existing structure is a five span bridge with a 9½" deck (7¼" deck + 2¼" microsilica overlay) supported by Wide-Flange beams. The end spans (spans 1 & 5) are single spans of 115' 5½" and the center 3 spans are continuous. Spans 2 and 4 are 189' 1½" and span 3 is 244'-0". The existing structure is skewed at 19°30' right ahead. The superstructure is supported by spill-thru abutments and footing-supported solid wall piers. The superstructure was constructed in 1970 as 125B 1. It has an out-out deck width of 36'-0" and a back-back abutment length of 855'-0". Stage Construction will be utilized.

Salvage: None



KEYED NOTES

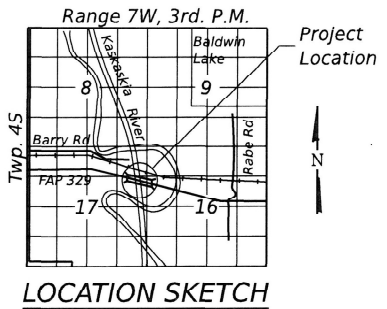
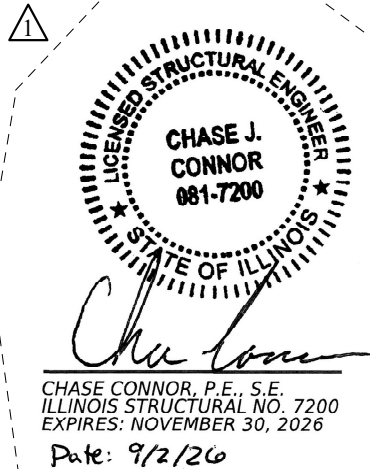
- (A) Bridge Deck Scarification 2¼" and 2½" Latex Concrete Overlay
- (B) Expansion Joint Replacement
- (C) Replace Diaphragms
- (D) Interior Beam Painting (Full Length)
- (E) Fascia Beam Painting (Full Length)
- (F) Replace Floor Drains

INDEX OF SHEETS

1. General Plan & Elevation
2. General Data
3. Stage Construction
4. Temporary Concrete Barrier
5. Deck Repair Plan
6. Expansion Joint Replacement at Abutments
7. Expansion Joint Replacement at Pier 4
8. Expansion Joint Replacement at Pier 1
9. Joint Replacement Details
10. Drain Replacement Details
11. Cross Frame Replacement Details
12. Preformed Joint Strip Seal
13. Modular Joint Details
14. Sliding Plate Details
15. Bar Splicers and Mechanical Splicer Assemblies

LEGEND

- Latex Concrete Overlay
- Expansion Joint Replacement



GENERAL PLAN AND ELEVATION
FAP RT. 329 (IL-154)
OVER THE KASKASIA RIVER
RANDOLPH COUNTY
STATION 321+96.23
STRUCTURE NO. 079-0013

MODEL: 001-CP-01
FILE NAME: X-CP-01

HR

Hurst-Rosche, Inc.
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PH: 217.532.3959

USER NAME	■ jcalenno	DESIGNED	- JJC	REVISED	9/2/2026 JJC
		CHECKED	- CJC	REVISED	-
PLOT SCALE	■ \$Scales	DRAWN	- AE	REVISED	-
PLOT DATE	■ 9/3/2026	CHECKED	- CJC	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE NO. 079-0013					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					329	125-1BR-1	RANDOLPH	28	12
					CONTRACT NO. 76R96				
SHEET 1 OF 15 SHEETS									
					ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS

ITEM	UNIT	SUPER	TOTAL
Floor Drains	Each	122	122
Concrete Removal	Cu Yd	32.0	32.0
Concrete Superstructure	Cu Yd	32.6	32.6
Protective Coat	Sq Yd	3,108	3,108
Furnishing and Erecting Structural Steel	Pound	21,171	21,171
* Reinforcement Bars, Epoxy Coated	Pound	6,140	6,140
Bar Splicers	Each	80	80
Mechanical Splicers	Each	128	128
Preformed Joint Strip Seal	Foot	115	115
* Deck Slab Repair (Full Depth, Type I)	Sq Yd	30	30
* Containment and Disposal of Lead Paint Cleaning Residues, No. 1	Lsum	1	1
* Cleaning and Painting Steel Bridge No. 1	Lsum	1	1
* Bridge Deck Scarification, 2¼"	Sq Yd	3,002	3,002
* Bridge Deck Latex Concrete Overlay, 2½"	Sq Yd	3,002	3,002
* Diamond Grinding (Bridge Section)	Sq Yd	2,836	2,836
* Modular Expansion Joint 6"	Foot	38	38
* Bridge Deck Grooving (Longitudinal)	Sq Yd	2,388	2,388

* Denotes Special Provision

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck for expansion joint reconstruction and deck slab repairs, all heavy or loose rust, loose mill scale, and other loose detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be paid for according to Article 109.04 of the Standard Specifications.

As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for using magnetic particle testing (MT) or dye penetrant testing (PT) by qualified by qualified personnel approved by the Engineer. Any cracks that cannot be removed by grinding ¼ in. deep shall be identified and reported to the Bureau of Bridges & Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

Plan dimensions and details relative to the existing strucutre have been taken from existing plans and are subject to nominal construction variations. The contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variation shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost incidental to "Concrete Removal."

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50 degrees Fahrenheit.

Protective Coat to be applied to areas of new concrete only, including bridge deck conrete overlay.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

Cleaning and painting of the existing structural steel shall be as specified in the special provisions for "Cleaning and Painting Existing Steel Structures". All structural steel shall be cleaned per Near white Blast Cleaning - SSPC - SP10.



The designated areas cleaned per Near White Blast Cleaning (SSPC - SP10) shall be painted according to the requirements of Paint System 1 OZ/E/U. The color of the final finish coat for all steel surfaces shall be Gray, Munshell No. 5B 7/1.

All diaphragm replacement materials including structural steel, angles, bolts, nuts, and washers shall be galvanized per the special provision "Hot-Dip Galvanizing for Structural Steel." Costs included in "Furnishing and Erecting Structural Steel."

SSPC QP1 and QP2 Contractor Certification is required for this Contract.

The number, location, and orientation of support boxes shall be determined by the manufacturer. All boxes shall be located to miss the top flanges of the girders. Modular expansion joints shall be assembled in their final relative position with the ends in place for inspection and acceptance.

SCOPE OF WORK

1. Implement Traffic Control and shift traffic to the North side of the structure.
2. Perform Bridge Deck Scarification, 2¼".
3. Perform Expansion Joint reconstructions. (3 Preformed joint strip seals at the abutments and Pier 4, and 1 Modular Expansion Joint at Pier 1).
4. Perform Deck Slab Repairs and Replace Floor Drains.
5. Perform Latex Concrete Overlay, 2½".
6. Remove End Diaphragms.
7. Paint Beam Ends and Replace End Diaphragms.
8. Paint Remaining Structural Steel.
9. Shift Traffic to the South side of the structure and repeat items 2 through 8.

△ 1 REVISED 9-8-2026

MODEL - General Data
FILE NAME - X:\Projects\Current\225-0445 IDOT IWO15 FAP Route 325 IL 15A\IDM070001\3-0376R96-Sheets.dgn
9/3/2026 2:55:17 PM



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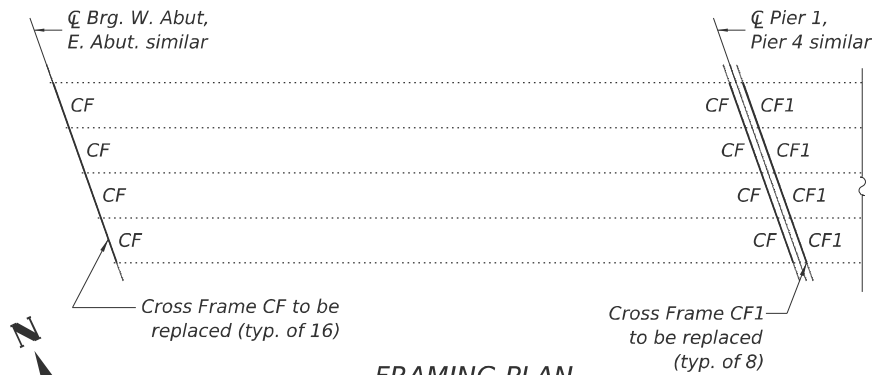
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CHECKED - CJC	REVISED -	
PLOT SCALE = \$SCALE\$	DRAWN - AE	REVISED -
PLOT DATE = 9/3/2026	CHECKED - CJC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 079-0013

SHEET 2 OF 15 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	125-1BR-1	RANDOLPH	26	13
		CONTRACT NO. 76R96		
		ILLINOIS	FED. AID PROJECT	

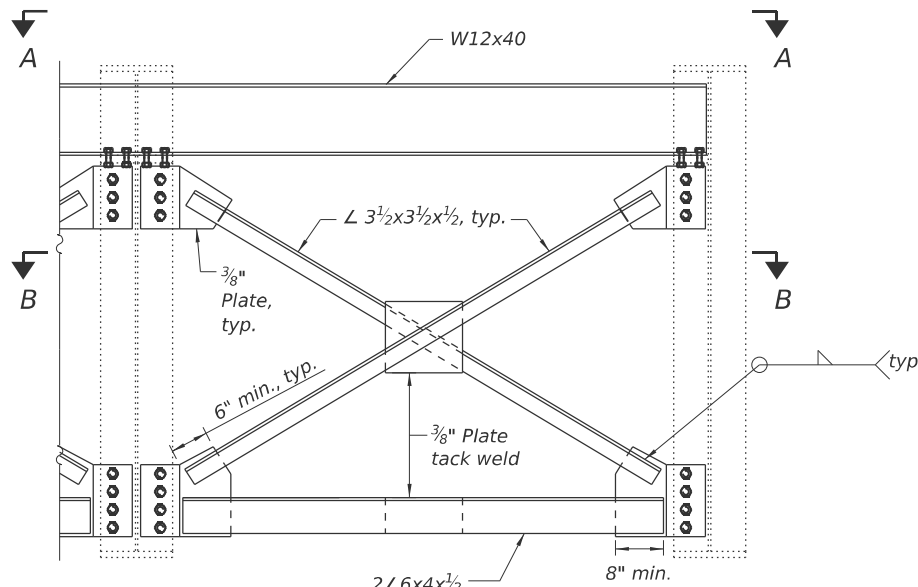


FRAMING PLAN

West Abutment and Pier 1 Shown,
East Abutment and Pier 4 Similar

Notes:

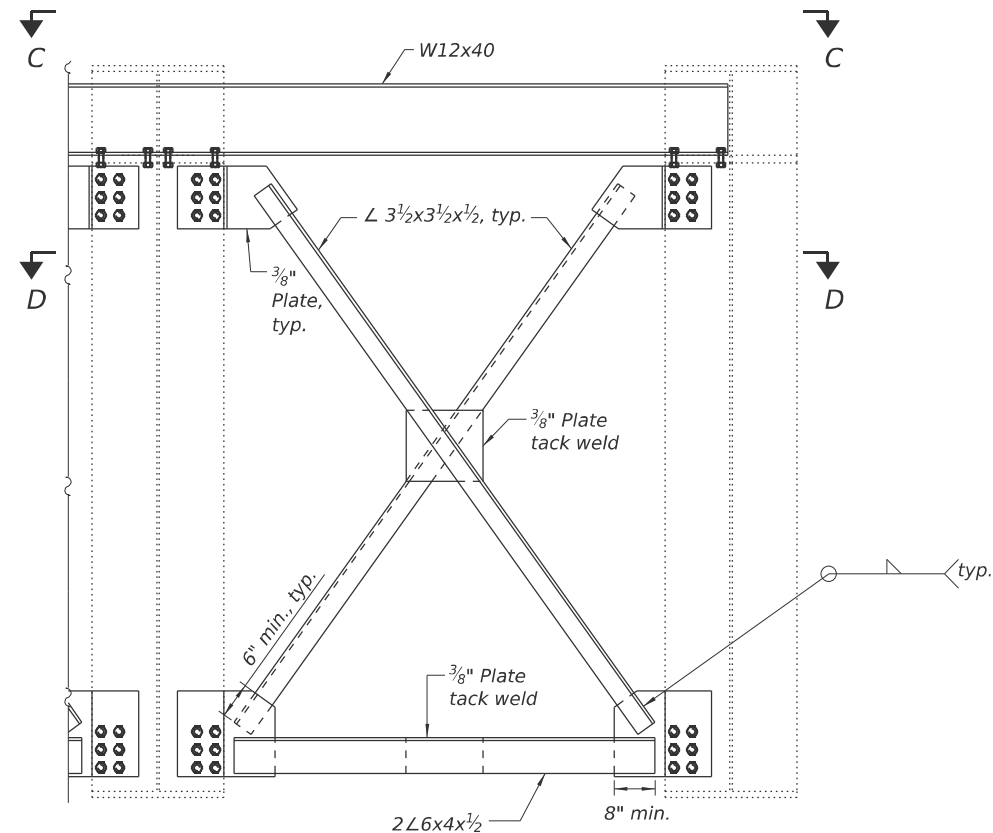
1. Detail $\frac{15}{16}$ " $\varnothing$ holes for all $\frac{3}{4}$ " $\varnothing$ bolts into existing plates and stiffeners. Two hardened washers required for each set of oversized holes.
2. Use holes in existing lateral bracing as a template for drilling holes on new connection plates.
3. Cleaning and Painting of Structural Steel per the special provisions to occur prior to reinstallation of galvanized cross-frames.
4. All new structural steel shall be hot dip galvanized. See Special Provision for "Hot Dip Galvanizing for Structural Steel".
5. Fasteners shall be ASTM F3125 Grade A325 Type 1, mechanically galvanized bolts in painted areas. Bolts shall be $\frac{3}{4}$ " diameter, unless otherwise specified.



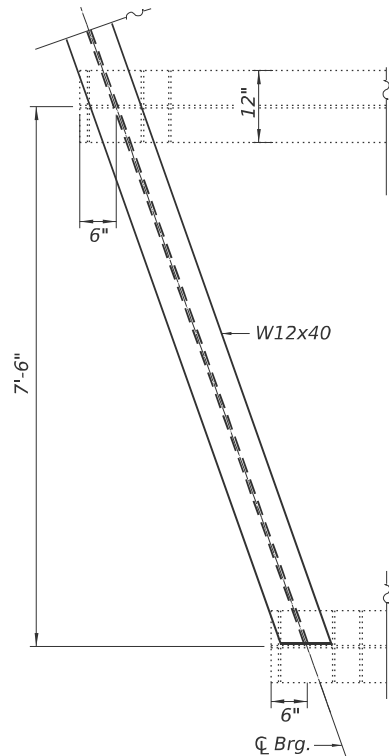
CROSS FRAME CF, TYP.

BILL OF MATERIAL

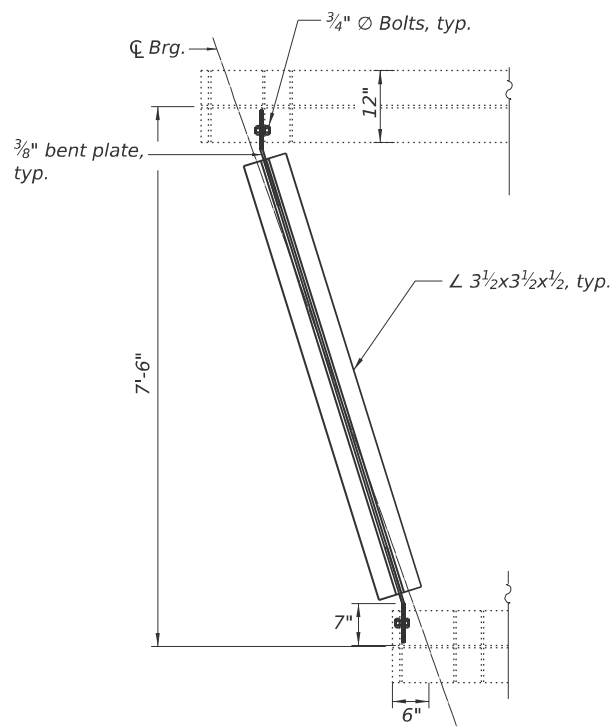
Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	21,171
Cleaning and Painting Steel Bridge No. 1	L Sum	1



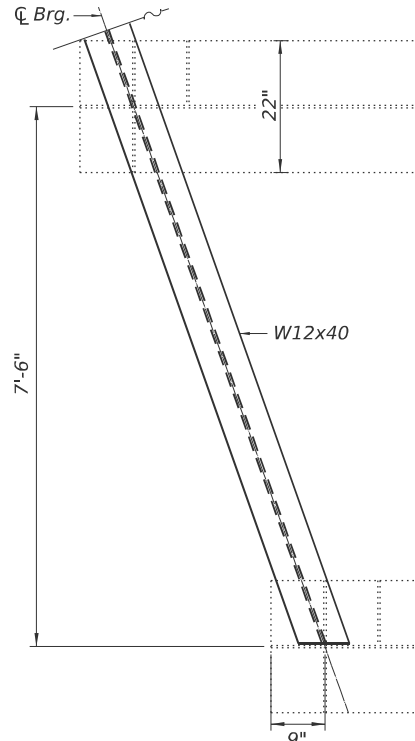
CROSS FRAME CF1, TYP.



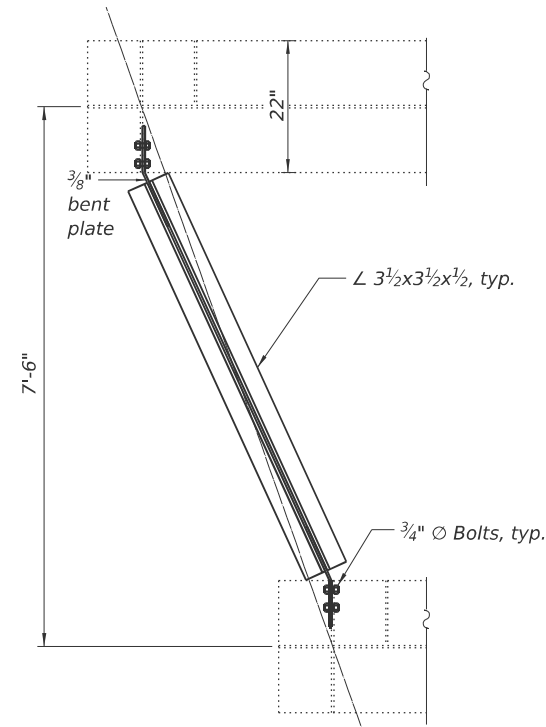
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

REVISED 9-8-2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS FRAME REPLACEMENT
STRUCTURE NO. 079-0013

SHEET 11 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
329	125-1BR-1	RANDOLPH	26	22
CONTRACT NO. 76R96				

ILLINOIS FED. AID PROJECT

USER NAME = jclaterino	DESIGNED - JJC	REVISED 9/2/2026 JJC
	CHECKED - CJC	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - AE	REVISED -
PLOT DATE = 9/3/2026	CHECKED - CJC	REVISED -