

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 88	(161-1HB-9)BJR	ROCK ISLAND	5	1
		ILLINOIS	CONTRACT NO. 64S09	

06-16-2023 LETTING ITEM 022

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

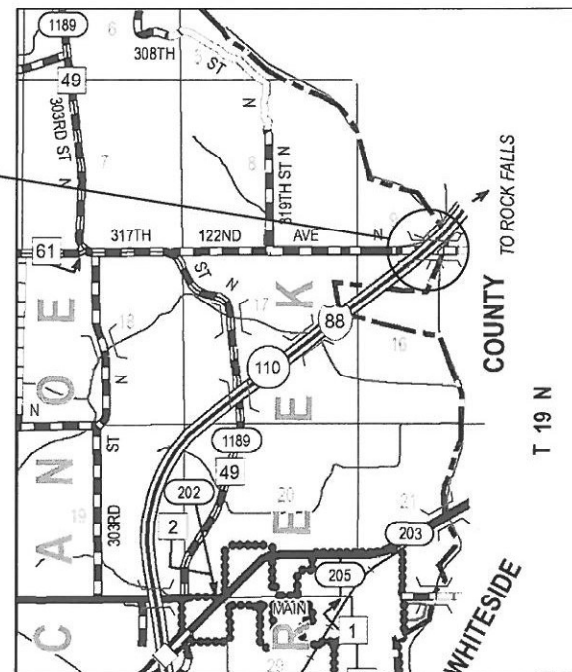
SEE SHEET 2 FOR INDEX OF SHEETS

FAI ROUTE 88 (I-88)
SECTION (161-1HB-9)BJR
PROJECT
BRIDGE REHABILITATION
ROCK ISLAND COUNTY, IL

C-92-126-22

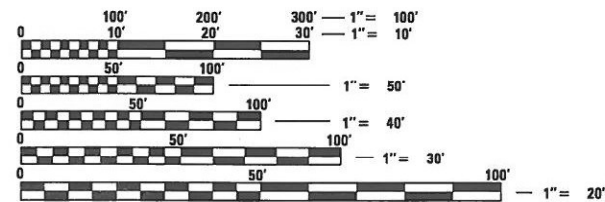


EXISTING STRUCTURE
SN 081-0133 A TWO SPAN
STEEL GIRDER SUPERSTRUCTURE
WITH CLOSED ABUTMENTS
BACK TO BACK LENGTH = 381'-6"
OUT TO OUT WIDTH = 30'



LOCATION MAP

GROSS LENGTH = 381.5 FT. = 0.07 MILE
NET LENGTH = 381.5 FT. = 0.07 MILE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE 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

SCOTT T. WYATT
081.006432
LICENSED
STRUCTURAL
ENGINEER
ILLINOIS

3/13/23
Exp. 11/20/24

PROJECT ENGINEER SCOTT WYATT, PE, SE
PROJECT MANAGER MAHMOUD ETEMADI, PE

CONTRACT NO. 64S09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 20, 2023

Tom Alford
REGIONAL ENGINEER

May 12, 2023 *Scott Wyatt*
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *Stephen M. Smith*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. PLAN AND ELEVATION
5. BARRIER IMPROVMENTS

STATE/DISTRICT HIGHWAY STANDARDS

- 000001-08 STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMALS OF AN INCH AND OF A FOOT
- 701901-08 TRAFFIC CONTROL DEVICES
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) TO 24'' (600 mm) AWAY FROM PAVEMENT EDGE
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 40.1 D2 TRAFFIC CONTROL FOR ROAD CLOSURE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L,2W, DAY ONLY

GENERAL NOTES

THE STRUCTURE NUMBER SHALL REMAIN 081-0133

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS

TRAFFIC WILL BE DETOURED DURING CONSTRUCTION

THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 2 ENGINEER AT
(815)284-2271 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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USER NAME =	DESIGNED -	REVISED -
PLLOT SCALE =	CHECKED -	REVISED -
PLLOT DATE =	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 081-0133 122ND AVE CROSSING I-88 (FAI 88)
INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1HB-9)BJR	ROCK ISLAND	5	2
CONTRACT NO. 64S09				
ILLINOIS FED. AID PROJECT				



SCOPE OF WORK

- (A) Barrier Rail Improvements
- (B) Barrier Rail Repairs

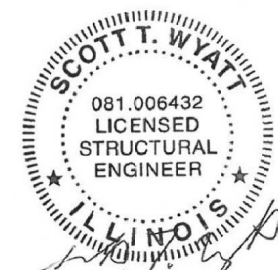
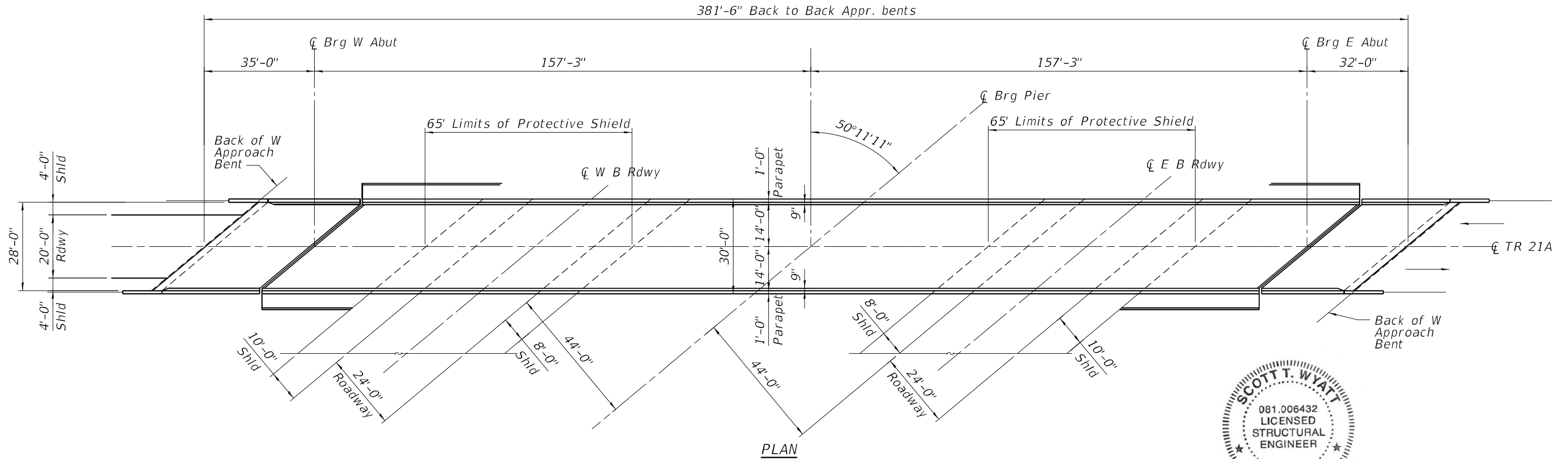
GENERAL NOTES

Plan dimensions and details relative to the existing plans 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 materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Traffic will be detoured during construction.

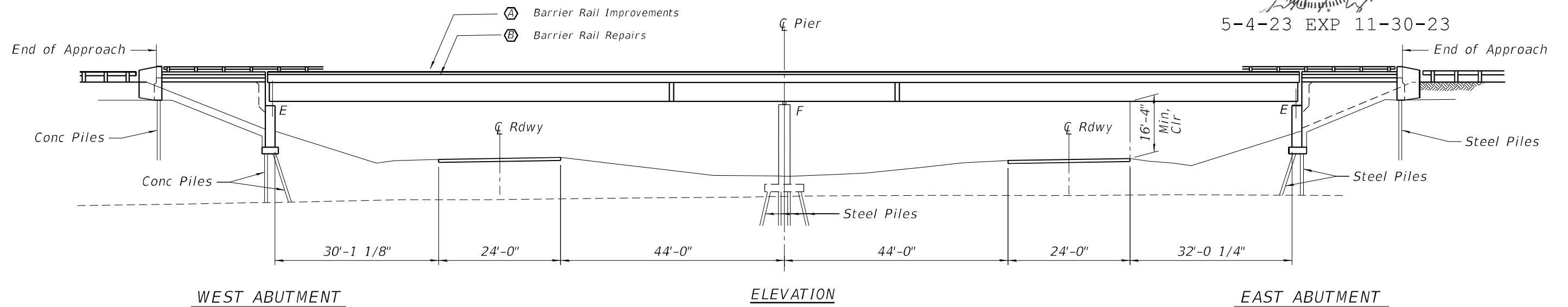
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bridge Rail Removal	Foot	747
Retrofit Concrete Parapet	Foot	747
* Acrylic Coating	Sq. Yd.	580
Protective Shield	Sq. Yd.	578
Structural Repair of Concrete <= 5"	Sq. Ft.	35

* On Existing Parapet and Parapet Retrofit



5-4-23 EXP 11-30-23



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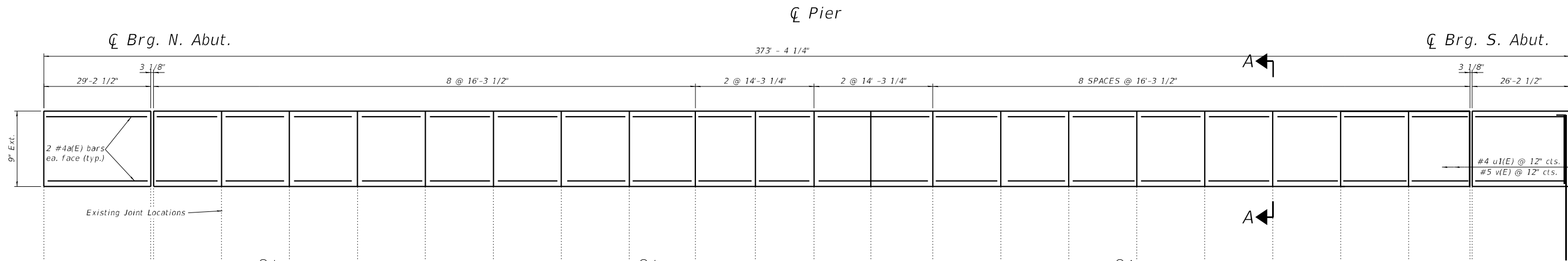


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 081-0133 122ND AVE CROSSING I-88 (FAI 88)
PLAN AND ELEVATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1HB-9)BJR	ROCK ISLAND	5	4
CONTRACT NO. 64S09				
ILLINOIS FED. AID PROJECT				

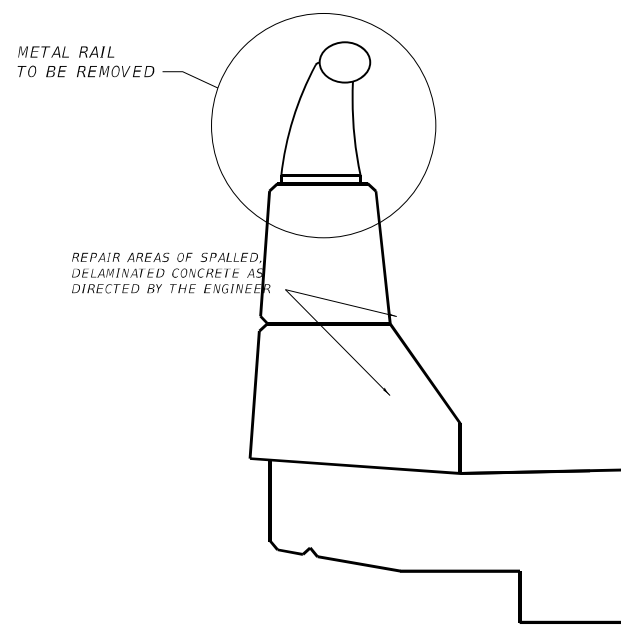


If the anchorage section of the approach guardrail conflicts with the barrier improvements, it shall be removed during rail removal and replaced after the barrier concrete has cured. Cost included with Remove Barrier Rail.

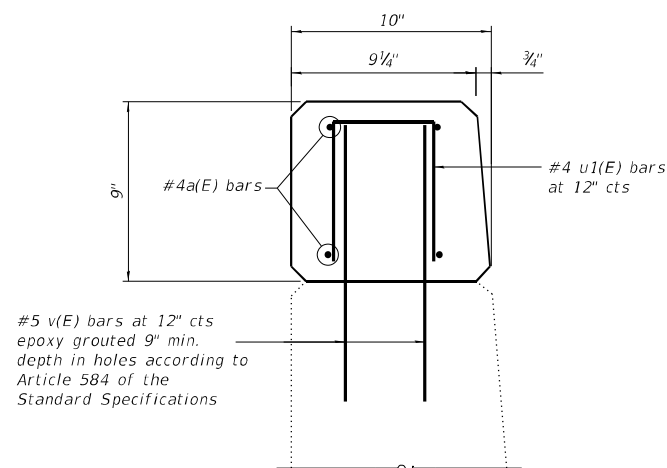
INSIDE ELEVATION NORTH BARRIER (SOUTH SIMILAR)

NOTES

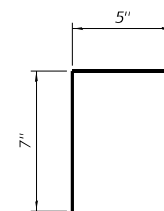
1. All exposed edges shall be chamfered $\frac{3}{4}$ "
2. Cost of all materials, labor and equipment to complete the work as detailed and specified in the Special Provisions shall be included in the cost of "Retrofit Concrete Parapet" with the exception of Bridge Rail removal and Acrylic Coating.
3. Retrofit Concrete Parapet shall be used on both sides of the structure over the full length of the structure.
4. Acrylic Coating to be applied to inside face, outside face and top surface of the existing and reconstructed parapet.



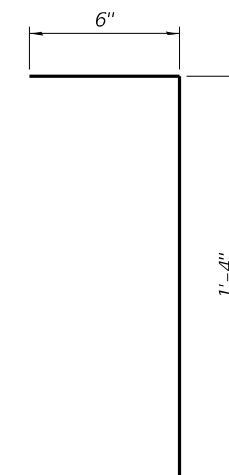
EXISTING BARRIER SECTION



SECTION A-A



BAR u1(E)



BAR v(E)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 081-0133 122ND AVE CROSSING I-88 (FAI 88)
BARRIER IMPROVEMENTS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1HB-9)BJR	ROCK ISLAND	5	5
CONTRACT NO. 64S09				
ILLINOIS FED. AID PROJECT				