

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FA DISTRICT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
578	*	Jersey	145	71
(255,47) R1-2, 2570K-1, 47-16, 47-28				

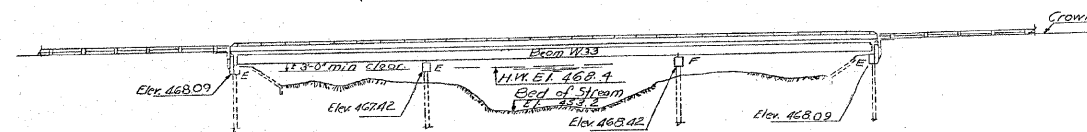
B.M. Chiseled \square on lower part of the North Abutment East side of bridge Elev = 470.92.

GENERAL NOTES

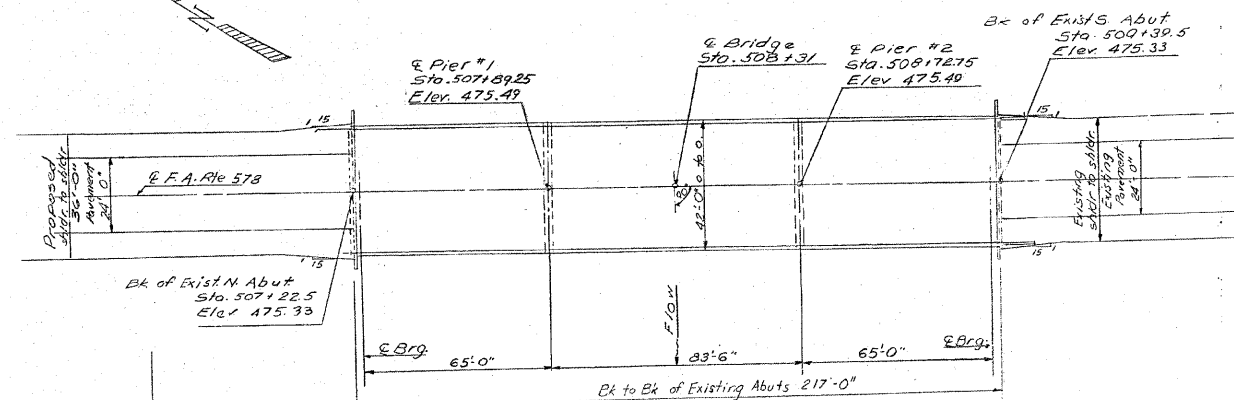
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction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

AL NOTES

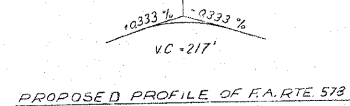
All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
Calculated weight of Structural Steel = 266,950 Pounds - This information is for Cleaning and Painting Steel Bridge.
Expansion joint plates and attached bars shall be shop primed with one coat of dull orange primer.
The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Hardrail Concrete.
Prior to Paint, all steel including bearings & diaphragms shall be cleaned as specified in the Special Provisions.
Location of Deck Slab Repair (Partial Depth) shall be determined in the Field by the Engineer.



ELEVATION



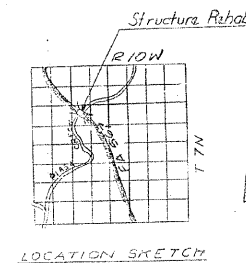
PLAN



PROPOSED PROFILE OF F.A. RTE 578

WATERWAY INFORMATION
Drainage Area 44.3 sq mi
Character: hilly, 60% wooded, 40% cultivated
Present Opening (50 yr flood) 2430 sq ft

Ordinary Water El. 453.9
H.W. El. 468.4
 $Q_{100} = 9588$ cfs



LOCATION SKETCH

TOTAL BILL OF MATERIAL

Item	Unit	Total
Class X Concrete	Cu. Yd	35.0
Bridge Deck Overlay Removal	Sq. Yd	920
Floor Drain Extensions	Each	36
Bridge Deck Concrete Overlay	Sq. Yd	920
Concrete Removal	Cu. Yd	34
Reinforcement Bars (Epoxy Coated)	Pounds	2622
Protective Coat	Sq. Yd	1016
Concrete Bridge Deck Scarification (1/2 Inch)	Sq. Yd	920
Temporary Concrete Barrier	Lin. Ft.	510
Temporary Concrete Barrier Terminal Section	Each	2
Relocate Temporary Concrete Barrier	Lin. Ft.	524
Aluminum Railing	Lin. Ft.	217
Deck Slab Repair (Full Depth, TYPE I)	Sq. Yd	10
Repair Concrete Structures	Sq. Ft.	50
Furnishing and Erecting Structural Steel	Pounds	1576
Neoprene Expansion Joint 2"	Lin. Ft.	42
Preformed Joint Seal 2 1/2"	Lin. Ft.	42
Cleaning and Painting Steel Bridge	L. Sum	1
Deck Slab Repair (Partial Depth)	Sq. Yd.	20

GENERAL PLAN & ELEVATION
F.A. RTE 578 OVER PIASA CREEK
F.A. RTE 578 SECTION 259BR-1
JERSEY CO
STATION 508+31

Revised General Notes 10-26-87 RAB

(SN 042-0002)

FAP ROUTE 310 (US 67)
SECTION 60-16-1-1B
MADISON COUNTY

DESIGNED	JMB
CHECKED	TES
DRAWN	R KING
CHECKED	TES

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184-001397

FOR INFORMATION ONLY

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	310	60-16-1-1B	MADISON	481	220
OF 5 SHEETS		FAP ROUTE 310 (US 67)		CONTRACT NO. 76318	
		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		