

\$DATE\$ \$FILEL\$ \$SCALE\$ \$USER\$ 91 B H DATE NAME SCALE NAME PLOT FILE PLOT USER

ROUTE NO.	SECTION		UNTY	TOTAL	BHEET NO.	SHEET NO. 1	
FAP 789	56- BR-1	MADISON		23	10	8 SHEETS	
FED. ROAD DIST. NO. 7		BLLINDIS	PED. AID PROJECT-			1	

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 work, however, the Contractor will be

Contract #76965

Existing name plate shall be cleaned and relocated adjacent to the new name plate. Cost included with Name Plates. The cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements of ASTM A 780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to the manufacturer's specifications prior to another coat of zinc. A concrete sealer meeting the requirements of Section 587 of the Standard Specifications shall be applied to the exterior face and 9" in on the underside of the

carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing

cranes or other heavy equipment on new beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the new beams. To distribute load to multiple beams and protect the concrete, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams. Prior to placement of the timber mats the following shall be done: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting

temporary bracing system must be provided prior to the removal of the existing PPC deck beams in order to ensure stability of the abutments. The bracing system shall provide lateral support along the top of the existing abutment walls and be in place until all beams are set, dowel bars are installed and shear key grout is allowed to cure a minimum of seven days. The details must be submitted to the Engineer for approval. Cost to be included with Removal

The top surface of the beams shall be finished according to Article 504.06 of the Standard Specification except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with

ITEM	UNIT	SUPER	SUB	TOTAL
orap, Class A5	Sq. Yd.		180	180
bric	Sq. Yd.		180	180
of Existing Superstructures	L. Sum	1		1
Removal	Cu. Yd.		0.2	0.2
Structures	Cu, Yd.		0.5	0.5
l Repair of Concrete qual to or Less Than 5")	Sq. Ft.		2	2
Concrete Bridge Slab	Sq. Ft.	359		359
Prestressed Concrete Deck 7" Depth)	Sq. Ft.	930		930
ement Bars, Epoxy Coated	Pound		30	30
dge Rail, Type SM	Foot	<i>1</i> 53		153
tes	Each	1		1
ofing Membrane System	Sq. Yd.	110		110
Cement Mortar Fairing Course	Foot	282		282
of Existing Precast Unit	Sq. Ft.	359		359
is Concrete Surface Course e, Mix "C" N50	Ton	11		11

TOTAL BILL OF MATERIAL

GENERAL PLAN & ELEVATION IL ROUTE 143 OVER LITTLE MOONEY CREEK F.A.P. ROUTE 789 - SECTION 56-BR-1 MADISON COUNTY STA. 108+74 STRUCTURE NO. 060-0147