

2011 2016 00000 10/12/ 10/8/0 DATE VAME SCALE NAME

PLOT PLOT USER

	9355	7
ROUTE NO. SECTION COUNTY		SHEET NO.
C.H. 9 10-00094- 00-BR MACOUF	PIN 11	4
FED. ROAD DIST. NO. 7 ILLINGIS FI	D. AID PROJECT	

## GENERAL NOTES

The Standard Specifications adopted by the Department of Transportation January 1, 2012 shall apply to this work.

Plan dimensions and details relative to 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 of 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

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Structural Repair of Concrete shall occur prior to placement of the new deck beams. 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 fascia beams. The sealer shall be applied after visible crack growth has subsided. This work shall be performed by the producer and included with the cost of

The Contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the beams when developing construction procedures for removal and replacement of the superstructure.

If the Contractor's procedures for existing beam removal or placement of new beams involves placement of heavy equipment on the new deck beams, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, sealed by an Illinois Licensed Structural Engineer, verifying the structural adequacy of the beams for the proposed loads. Cost included with Precast Prestressed Concrete Deck Beams (27" Depth).

Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost to be included in the cost of Removal of Existing Superstructures. Hot Mix Asphalt Surface Course Mix "C", N50, shall be used to level out beam camber and maintain the vertical alignment and shall be constructed according to Section 582 of the Standard Specifications.

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4 (Special)	Ton			386
Removal of Existing Superstructures	Each	1		1
Precast Prestressed Concrete Deck Beams (27'' Depth)	Sq. Ft.	4,950		4,950
Steel Railing, Type S1	Foot	302		302
Name Plates	Each	1		1
Waterproofing Membrane System	Sq. Yd.	551		551
PC Mortar Fairing Course	Foot	100		100
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.		168	168
Asbestos Bearing Pad Removal	Each	33		33
Hot Mix Asphalt Surface Course, Mix "C", N50	Ton	64		64

## TOTAL BILL OF MATERIAL

## WATERWAY INFORMATION

ge Area = 22.8 sq. mi. Low Grade Elev. 547.50 @ Sta. 525+50									
	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwa	iter El.
	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
lc.									
	20	4188	504	504	538.9	0.9	0.9	539.8	539.8
	100	6450	577	577	539.9	2.2	2.2	542.1	542.1
ping									
ılc.	500	8760	630	630	540.7	3.6	3.6	544.3	544.3

RD P.M.	SHEET TITLE GENERAL PLAN AND ELEVATIO	N
	F.A.S. ROUTE 1737 / C.H. 9 SECTION 10-00094-00-BR MACOUPIN COUNTY	PROJECT NO. 10017 BATE 8/26/201 DESIGN BY DHAMN BY CHECKED BY MRL
<u>ЕТСН</u>	Design Firm License No. 184-002703	DRAWING NO. 4 OF 11 SHTS