

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1  
OF 5 SHEETS

**GENERAL NOTES**

All reinforcement bars shall be lapped 2d diameter unless otherwise shown.  
It shall be the responsibility of the contractor to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.  
Protective Coat shall be applied to surfaces to which Waterproofing Membrane System is applied.  
Preparation of forms and 2" x 12" heeled beams shaped with beveled concrete. Coat incidental. One coat of basic lead silico chromate shop primer shall be used for painting of structural steel.  
The top surface of the beams shall be finished in accordance with Article 305.06 of the Standard Specifications except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners.

**TOTAL BILL OF MATERIAL**

Item	Unit	Quant	Unit	Total
Bituminous Concrete	Tons	24		24
Expansion Bolts 3/4"	Each	18	1.00	18
Concrete Reinforcing Steel	Sq Yd	153		153
Precast Prestressed Concrete Deck Beams (17')	Sq Ft	2562		2562
Reinforcement Bars	Lbs	250	1.50	375
Steel Rolling Type	Sq Yd	331		331
Removal of Existing Superstructure	Cu Yd			1
Waterproofing Membrane System	Sq Yd	275		275
Formwork	Sq Yd	250		250
Name Plates	Each	1		1
Expansion Bolts 3/4"	Each	33		33
Expansion Bolts 3/4"	Each	33		33
Class 2 Concrete	Sq Yd	72	1.00	72
Protective Coat	Sq Yd	1		1
Expansion Bolts 3/4"	Sq Ft	233		233
Expansion Bolts 3/4"	Sq Yd	330		330
Expansion Bolts 3/4"	Sq Yd	330		330
Expansion Bolts 3/4"	Sq Yd	14.0		14.0
Expansion Bolts 3/4"	Sq Yd	18		18
Expansion Bolts 3/4"	Sq Yd	318		318

**PLAN**

STATION 85+05.00  
AS BUILT 1971 BY  
STATE OF ILLINOIS  
FA 27185 SEC 115BR-1  
PROJECT RC-272(12)  
LOADING NO. 20

**NAME PLATES**  
(24" x 4" x 1/2")

**PRECAST PRESTRESSED UNITS**

**FIELD UNITS**

**PRECAST UNITS**

**PROPOSED PROFILE S.B. RT 142**

**WATERWAY INFORMATION**

**LOCATION SKETCH**

**GENERAL PLAN & ELEVATION**  
**FA RT 142 OVER BEAR CREEK**  
**S.B. RT 142 SEC 115BR-1**  
**HAMILTON COUNTY**  
**STATION 85+06**