

CONTRACT NO. 95570

Existing Structure: Two-span bridge with precast concrete deck slabs on closed timber abutments and timber pile bent pler with concrete caps. 40' Bk, to Bk, abutments, 20' Out to Out of deck. Existing S.N. 026-3271. To be removed. See Special Provisions.

s	ROUTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
5,	TR 140	07~11120-00-BR		FAYETTE	10	4
			ILLINOIS			

## BILL OF MATERIALS (BRIDGE ONLY)

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu Yd	-	168	168
Porous Granular Embankment	Ton	-	68	68
Stone Dumped Riprap, Class A4	Ton	-	92	92
Removal of Existing Structures	Each	-	-	1
Concrete Structures	Cu Yd	-	17.6	17.6
Concrete Encasement	Cu Yd	-	2.8	2.8
PPCDB (27" Depth)	Sq Ft	1512	-	1512
Reinforcement Bars	Pound	-	3040	3040
Steel Railing, Type S1	Foot	128	-	128
Furnishing Steel Piles HP12x53	Foot	-	434	434
Driving Piles	Foot	-	434	434
Test Pile Steel HP12x53	Each	-	1	1
Name Plates	Each	-	1	1

## GENERAL NOTES

See Section 502 of the Standard Specifications for Structural Excavation.

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

Channel excavation shall be excavated as shown within the limits of the proposed bridge, then tapered to the existing channel at the ROW line. If the Engineer deems the material satisfactory, it may be used to construct the roadway embankment.

See Specifications for Soil Borings.

Do not scale these drawings.

The Steel H-piles shall be according to AASHTO M270 Grade 50.

The Contractor shall drive one (1) Steel HP12x53 Test Pile in a permanent location at the South abutment as directed by the Engineer before ordering the remainder of the piles.

The Test Pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

The abutment bearing seat surfaces for the precast prestressed concrete deck beams shall be adjusted by shimming to assure firm and even bearing. As required,  $g^{*}$  fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing.



