

ROUTE	UTE SECTION COUNTY		ITY	TOTAL SHEETS	SHEET NO.
T.R. 11	05-04122-00-BR	JASPER		14	4
CONTRACT NO.	ILLINOIS	PROJECT BROS-079(133)			

## GENERAL NOTES

1. The Contractor shall drive test pile to 110% of the nominal required bearing specified in production locations at East abutment or approved by the Engineer before ordering the remainder of piles. The test pile shall come equipped with a pile shoe.

2. See Bridge Plan Sheet 8 for boring logs.

3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams. 4. Concrete sealer shall be applied to exterior face of each fascia beam.

5. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.

6. The Steel H-piles shall be according to AASHTO M270 Grade 50. 7. Reinforcement bars shall conform to the requirements of ASTM A 706 Fr 60 (IL Modified). See Special Provisions.

8. Reinforcement bars designated (E) shall be epoxy coated.

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

## TOTAL BILL OF MATERIAL

m	Unit	Super	Sub.		Total
			Piers	Abuts.	
Structures	Each				1
	Cu.Yds.			32.0	32.0
Concrete Deck	Sq.Ft.	2025			2025
S-1	Foot	150			150
	Pound			3120	3120
es HP 10 X 42	Foot			270	270
	Foot			270	270
10 X 42	Each			1	1
	Each			9	9
	Each			1	1
nt	Cu.Yds.			3.6	3.6
urse, Type B	Tons			60	60
ap, Class A-4	Tons	,		250	250
	Cu.Yds.			270	270
Barrier	Foot			250	250

## INDEX OF SHEETS

General Plan & Elevation

- Superstructure 3
- Superstructure Details
- Steel Railing, Type S-1
  West Abutment Details
- 6. East Abutment Details

I certify that to the best of knowledge,

- Pile Details
- 8. Boring Logs

information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges. BUILT 201 2012

nakroddin 12-18-2011 GENERAL PLAN & ELEVATION T.R. ROUTE 11 OVER ISLAND CREEK

SECTION 05-04122-00-BR JASPER COUNTY STATION 4+00.00