

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	64	18
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 02-11106-01-BR CONTRACT NO. 83949				

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GENERAL NOTES

1. The Hybrid-Composite Beams represent an experimental element to be used in this project and are funded through the FHWA, Innovative Bridge Research and Deployment (IBRD) program. No substitutions or value engineering will be allowed on this item.
2. Calculated weight of Structural Steel = 1,623 lbs.
3. All structural steel shall be AASHTO M 270 Grade 50.
4. No field welding is permitted except as specified in the contract documents.
5. No field cutting or drilling of the Hybrid-Composite Beams is permitted except as specified in the contract documents.
6. Expansion joint plates and attached bars shall be shop painted with the inorganic zinc rich primer.
7. The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.
8. Reinforcement Bars shall conform to the requirements of ASTM A 706, Grade 60 (IL Modified). See Special Provisions.
9. Reinforcement bars designated (E) shall be epoxy coated.
10. Plan dimensions and details relative to existing structures 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 paid for the quantity actually furnished at the unit price for the work.
11. Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.
12. Concrete Sealer shall be applied to the designated areas of the abutments.
13. All construction joints shall be bonded.
14. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of materials for run-grounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number shown in the contract plans.

TOTAL BILL OF MATERIAL

Item	Unit	Substructure	Superstructure	Total
Porous Granular Embankment	Cu Yd	752	0	752
Bridge Approach Pavement	Sq Yd	280	0	280
Removal of Existing Structures	Each	1	0	1
Structure Excavation	Cu Yd	2,355	0	2,355
Rock Excavation for Structures	Cu Yd	270	0	270
Concrete Structures	Cu Yd	942	0	942
Concrete Superstructure	Cu Yd	0	108	108
Bridge Deck Grooving	Sq Yd	0	262	262
Protective Coat	Sq Yd	0	325	325
Rustication Finish	Sq Ft	4,975	0	4,975
Erecting Hybrid-composite Beams, 42"	L Sum	0	1	1
Furnishing and Erecting Structural Steel	Pound	0	1,623	1,623
Reinforcement Bars, Epoxy Coated	Pound	122,494	20,390	142,884
Bar Splicers	Each	88	0	88
Name Plates	Each	0	1	1
Preformed Joint Strip Seal	Foot	0	88	88
Elastomeric Bearing Assembly, Type I	Each	0	6	6
Bridge Seat Sealer	Sq Ft	204	0	204
Geocomposite Wall Drain	Sq Yd	564	0	564
Pipe Underdrains for Structures 4"	Foot	527	0	527
Temporary Soil Retention System	Sq Ft	4,068	0	4,068
Cofferdams	Each	2	0	2
Cofferdam Excavation	Cu Yd	840	0	840

LONG RUN CREEK
BUILT 20 BY
LOCKPORT TOWNSHIP HIGHWAY COMMISSION
WILL COUNTY
SEC. 02-11106-01-BR
STATION 10+00
STR.NO. 099-4152 LOADING HS-20

NAME PLATE

See Std. 515001
For location, see Sht. 5-08

SHT. 5-02 OF 28

REVISIONS	
NAME	DATE

LOCKPORT TOWNSHIP HIGHWAY DEPARTMENT
TR216A HIGH ROAD OVER LONG RUN CREEK
SECTION 02-11106-01-BR

**GENERAL NOTES,
INDEX OF SHEETS AND
TOTAL BILL OF MATERIAL**

SCALE: _____ DRAWN BY: CCE
DATE: 10-19-2007 CHECKED BY: JRH

TENG

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