<u>GENERAL NOTES:</u>

- 1. Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts in painted areas and ASTM A325 Type 3 in unpainted areas.
- Bolts 7_8 " ϕ , holes 15_{16} " ϕ , unless otherwise noted.
- 2. Calculated weight of Structural Steel = 248,500 lbs (AASHTO M270, Grade 50W)
- 3. All structural steel shall be AASHTO M270 Grade 50W. 4. No field welding is permitted except as specified in the contract documents.
- 5. Reinforcement bars designated (E) shall be epoxy coated.
- 6. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of ¹₈ in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- 7. Structural steel shall only be painted for a distance equal to the depth of embedment into the concrete cap plus 3 in. Painted areas shall be primed in the shop with a Department approved zinc rich primer. Field painting will not be required.
- 8. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- 9. Slip forming of the parapets is not allowed.
- 10. The removal of substructure from the previous bridge that may be encountered in excavation and removal of slopewall below both structures are included in the cost of Removal of Existing Structure.
- 11. Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.
- 12. Start casting deck from north abutment to avoid uplift during the deck pour.

ſ	TERRA	USER NAME = cvm	DESIGNED - OY	REVISED -
		FILE NAME = D468671-002-gennote.dgn	CHECKED - DB	REVISED -
	ENGINEERING LTD.		DRAWN - CM	REVISED -
		PLOT DATE = 10/4/2012	CHECKED - JB	REVISED -



All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)



	CENERAL NOTES AND R
STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	STRUCTURE NO.
	SHEET NO SO2DE S

ITEM	UNIT	SUPER	SUB	TOTAL
one Riprap, Class A4	Sq. Yd.	-	287	287
one Riprap, Class A5	Sq. Yd.	-	3732	3732
Iter Fabric	Sq. Yd.	-	4019	4019
emoval of Existing Structures	Each	-	1	1
ructure Excavation	Cu. Yd.	-	349	349
fferdam Excavation	Cu. Yd.	-	164	164
fferdam (Type 2) (Location 1)	Each	-	1	1
ncrete Structures	Cu. Yd.	-	158.9	158.9
ncrete Superstructure	Cu. Yd.	422.2	_	422.2
idge Deck Grooving	Sq. Yd.	1025	-	1025
al Coat Concrete	Cu. Yd.	-	64.2	64.2
ncrete Encasement	Cu. Yd.	-	8.8	8.8
otective Coat	Sq. Yd.	1258	_	1258
rnishing and Erecting Structural Steel	L.Sum	1	_	1
ud Shear Connectors	Each	3564	_	3564
einforcement Bars, Epoxy Coated	Pound	100,720	19,930	120,650
ır Splicers	Each	94	0	94
rnishing Steel Piles HP 14x117	Foot	_	1774	1774
iving Piles	Foot	-	1774	1774
est Pile Steel HP 14x117	Each	-	3	3
me Plates	Each	1	_	1
nchor Bolts, 1''	Each	-	36	36
ocomposite Wall Drain	Sq. Yd.	_	118	118
anular Backfill for Structures	Cu. Yd.	-	233	233
pe Underdrains for Structures 4''	Foot	-	180	180

TOTAL BILL OF MATERIAL

ILL OF MATERIAL 090–0179		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		(102B-1) BR		TAZEWELL	89	45
				CONTRAC	T NO. 6	58671
22 SHEETS		ILLINOIS	FED. AII	D PROJECT		