

	UNIT	TOTAL
1	Cu Yd	160
	Cu Yd	160
	Sq Yd	185
	Sq Yd	185
	Each	1
	Pound	19,040
	Pound	1,780
	Each	1
	Cu Yd	142.2
273)	Foot	60



WATERWAY INFORMATION

Existing Low Grade Elev. 659.39 © Sta. 326+00 Proposed Low Grade Elev. 659.39 © Sta. 326+00								
	Opening	Sq. Ft.	Nat.	Head - Ft.		Headwater El.		
s.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.	
5	151	170	654.20	0.00	0.00	654.20	654.20	
1	172	191	655.10	0.00	0.00	655.10	655.10	
3	181	201	655.50	0.00	0.00	655.50	655.50	
2	195	218	656.20	0.00	0.00	656.20	656.20	

GENERAL NOTES

- Seinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
 Reinforcement bars designated (E) shall be epoxy coated.
 Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 Cast-In-Place concrete exposed edges shall be beveled ³/₄".
 It shall be the responsibility of the Contractor to divert the stream flow during construction in order to keep the construction area free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included with the cost of "Concrete Box Culverts".
 Structural sed does not include design of precast elements.
 The precast concrete culvert sections shall be designed and manufactured in accordance with AASHTO M273 (ASTM C 850).
 For backfilling and embankment, see Standard Specifications.
 End of precast section shall not have a bell or spigot.
 Contractor to confirm all precast culvert dimensions with supplier before starting construction. All applicable cast-in-place concrete dimensions shall match precast culvert dimensions.
 The existing plans are provided for informational use only.

- dimensions shall match precast culvert dimensions.
 11.) The existing plans are provided for informational use only.
 12.) See Sheet B7-B9 for soil borings.
 13.) The last section of precast culvert shall have an integral toe wall and reinforcing bars extending from the precast culvert as shown on Sheets B2 B5.
 14.) The pay item "Removal and Disposal of Unsuitable Material" shall include the excavation of unsuitable material for a depth of 2'-11" below the structure for a width of 32'-3" within the limits of the toe walls as shown on the plans. The actual amount shall be determined in the field by the Engineer.
 15.) The pay item "Porous Granular Embankment, Special" shall include the excavation of CA-1 and CA-7 below the structure for a width of 32'-3" within the Engineer. The actual amount shall be determined in the field by the Engineer.
 15.) The pay item "borous Granular Embankment, Special" shall include the placement of CA-1 and CA-7 below the structure for a width of 32'-3" within the limits of the toe walls as shown on the plans. The actual amount shall be determined in the field by the Engineer.
- The actual amount shall be determined in the field by the Engineer.
 The Contractor shall reshape the channel within the Right-Of-Way in order to facilitate drainage and the placement of riprap as directed by the Engineer. The cost of reshaping the channel shall be included in the cost of "Removal of Existing Structures".

INDEX TO SHEETS

SHEET NO.	<u>TITLE</u>
B1	GENERAL PLAN AND ELEVATION
B2	DOUBLE BOX CULVERT LONGITUDINAL SECTION, PRECAST CONCRETE CULVERT SECTION AND DETAILS
B3	CAST-IN-PLACE CONCRETE CULVERT SECTION, DETAILS
B4	AND BILL OF MATERIAL CAST-IN-PLACE CONCRETE CULVERT TOP SLAB PLANS
<i>R</i> 5	AND SECTIONS
85	CAST-IN-PLACE CONCRETE CULVERT BOTTOM SLAB PLANS AND SECTIONS
B6	CAST-IN-PLACE CONCRETE WINGWALLS
B7-B9 B10-B14	SOIL BORING LOGS EXISTING PLANS
D10 D11	

NOTES:

 *Confirm slab and wall thickness with Precaster.
 B.O.F. denotes Bottom Of Footing.
 P.G.L. denotes Profile Grade Line. 2.) 3.)

	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	681	116 BR-1	IROQUOIS	28	11
			CONTRACT	NO. 6	
TO STA.	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

24-7917