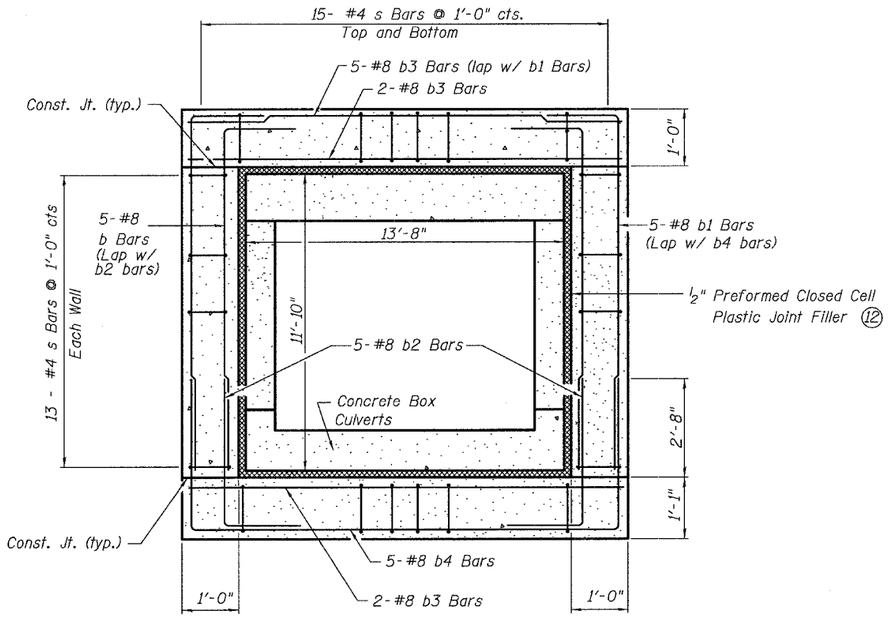
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

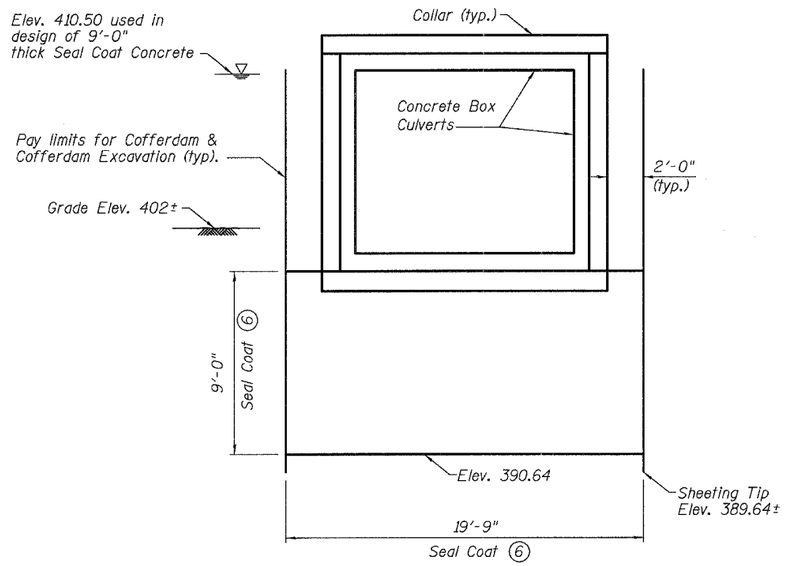
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 592	28BR-2 28BR-3	ST. CLAIR	51	27
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4
7 SHEETS

Contract #76904



SECTION THRU BOX AT COLLAR



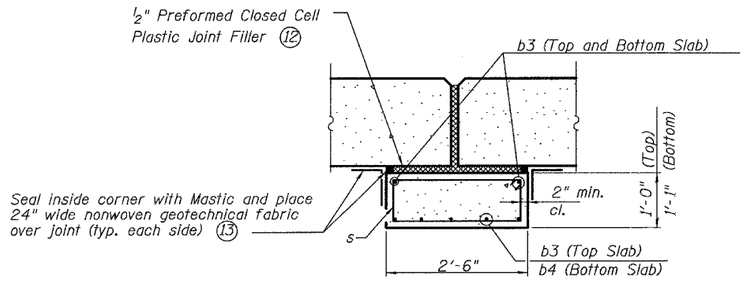
SECTION THRU COFFERDAM
AT BOX CULVERT
(WINGWALLS SIMILAR) (8)

Cofferdam Notes:

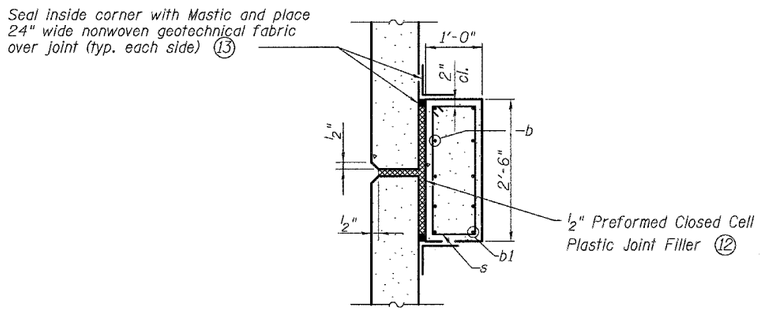
(1) Cofferdam shall be in accordance with Section 502.06 of the Standard Specification and shall include any and all means and methods necessary to construct the box culvert, including sheeting, bracing, pumping, dewatering, diverting water, etc.
(2) All costs for providing a means of constructing the box culvert shall be included in the cost of Cofferdams. If the Contractor elects to provide a different method of construction than what is shown in the plans, including alternate shoring location, placement of embankment, dams, dikes, etc.; such methods shall be approved by the Engineer prior to construction. Shop drawings shall be submitted as applicable. Costs associated with alternate cofferdam methods will not be considered as additional compensation but shall be included with the cost for Cofferdams.
(3) Contractor shall not extend construction activities beyond proposed Right-of-Way or Temporary Easements limits as shown on roadway plans.
(4) Design High Water elevation is included in the waterway information table.
(5) Normal pool elevation is assumed as elevation 409.60 per IDOT survey data. Contractor shall verify pool elevations prior to design of cofferdam.
(6) Seal Coat Concrete thickness is shown for estimating purposes only and is approximated based on elevations and dimensions shown on plans. It shall be the Contractors responsibility to design the Seal Coat Concrete as an integral part of the final cofferdam layout and dimensions.
(7) Lowering existing water elevation outside of the cofferdam by means of pumping, draining, or other dewatering methods will not be allowed.
(8) Seal Coat Concrete shall be blocked out, adjusted or removed, as required to construct the wingwalls, toewalls, and concrete collars. Cost for this work shall be included with Concrete Box Culverts.
(9) To account for embankment settlement, the box culvert is cambered and includes settlement joints and concrete collars.

Miscellaneous Notes:

(10) See Sheet 3 of 7 for bar bending details, Bar List and Bill of Materials.
(11) Concrete collar shall be centered over barrel settlement joint.
(12) Preformed Closed Cell Plastic Joint Filler shall be in accordance with Article 1051.08 of the Standard Specifications. The cost shall be included in the cost for Concrete Box Culverts.
(13) Mastic and Geotechnical Fabric shall be as indicated in section 540 of the Standard Specifications. The cost shall be included in the cost for Concrete Box Culverts.



SECTION THRU TOP AND BOTTOM SLAB



SECTION THRU SIDEWALL

CULVERT DETAILS
IL ROUTE 13/157 OVER CANAL NO. 1
ST. CLAIR COUNTY
STA. 428+43
STRUCTURE NO. 082-2568

USER NAME = $USER$