

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	G-B-I-1	COOK	15	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60D59

GENERAL NOTES

Fasteners shall be high strength bolts (AASHTO M164, Type 3 in unpainted areas and mechanically galvanized AASHTO M 164, Type 1 or 2 in painted areas). Bolts 3/8" diameter, open holes 15/16" diameter, unless otherwise noted.

Calculated weight of Structural Steel:
AASHTO (M270 GR 50W) = 244,060 pounds

All structural steel shall be AASHTO M270 Grade 50W.

Field welding of construction accessories will not be permitted to beams or girders.

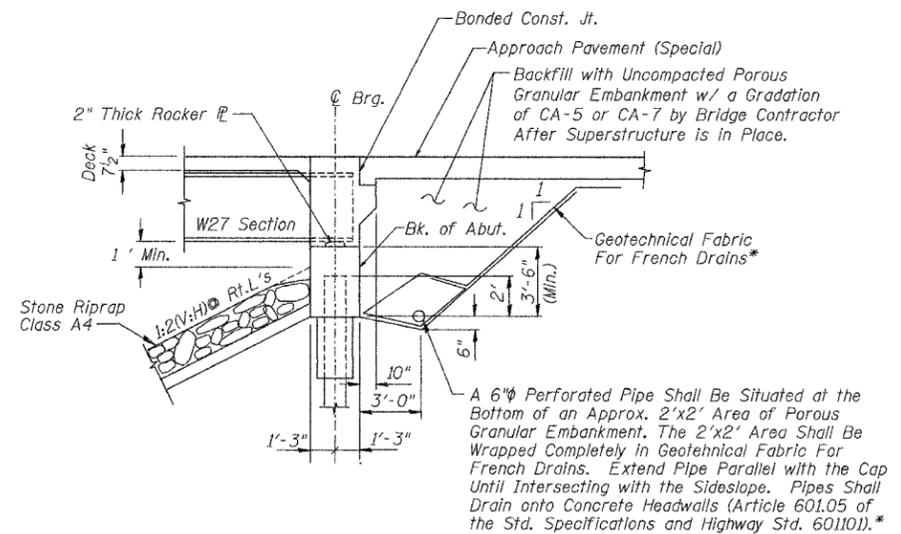
The main load carrying member components subjected to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the wide flange beams and all splice plate material except fill plates.

AASHTO M 270 Grade 50W structural steel shall only be painted, at the ends of the beams, for a distance equal to the depth of embedment into the concrete cap plus 3 inches. Those areas shall be primed in the shop with an inorganic zinc rich primer per AASHTO M300, Type I. No field painting shall be required. All structural steel shall be cleaned as specified in the special provision for "Surface Preparation and Painting Requirements for Weathering Steel".

All embedded and separate bearing plates, side retainers, anchor bolts, nuts, washers and pintles shall be galvanized according to AASHTO M111 or M232 (as applicable).

TOTAL BILL OF MATERIAL

ITEM DESCRIPTION	UNIT	TOTAL
Furnishing Structural Steel	L SUM	1
Storage of Structural Steel	CAL DA	60



* Included in the cost of Porous Granular Embankment.

SECTION THRU INTEGRAL ABUTMENT

Dimensions at Rt. L's

REVISIONS	
NAME	DATE

STV Incorporated
 Engineers/Architects/Planners/Construction Managers
 200 W. Monroe Street, Suite 1650
 Chicago, IL 60606-5013
 312/533-0655, FAX 312/533-0661

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 21
 MILWAUKEE AVE. OVER DES PLAINES RIVER
 F.A.P. ROUTE 374 SECTION G-B-I-1
 COOK COUNTY, SN 016-6566
GENERAL NOTES & TOTAL BILL OF MATERIAL
 DESIGN BY: BTO DRAWN BY: BTO
 DATE: 8/29/07 CHECKED BY: JAN CHECKED BY: JAN