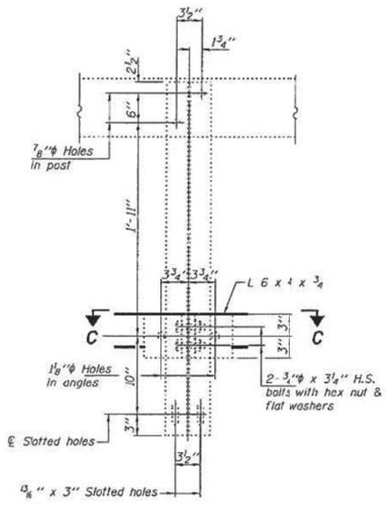
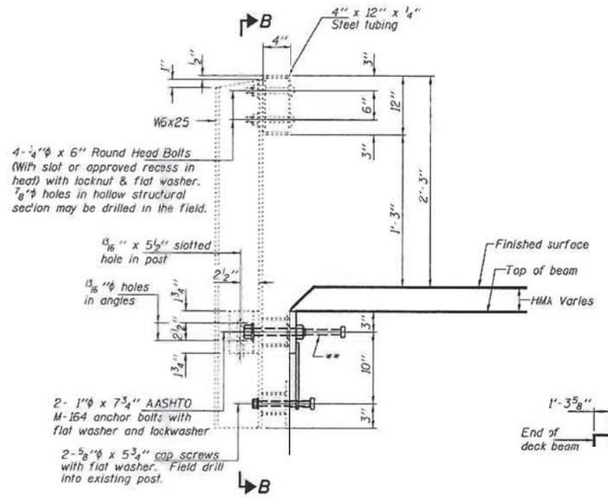
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.
FAP 681	(113BR)I	LIVINGSTON	15 / 15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	5 SHEETS

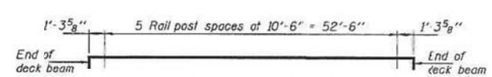
Contract Number: 66821



SECTION B-B



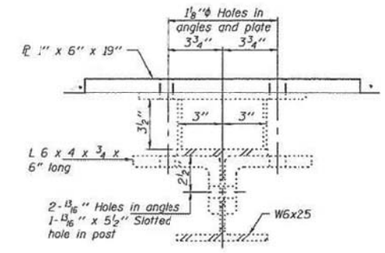
SECTION AT RAIL POST



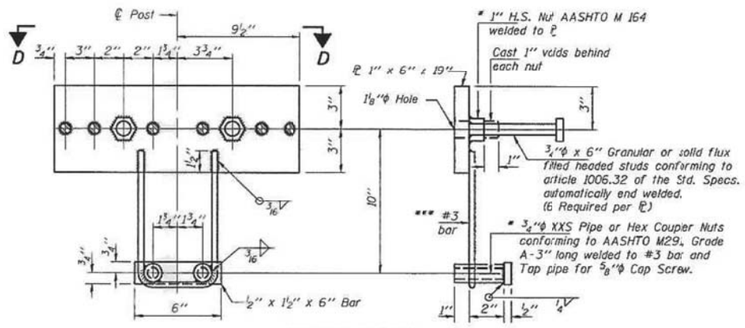
RAIL POST SPACING

Notes:
All field drilled holes shall be coated with an approved zinc rich paint before erection.
Steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudnal reinforcement bar shall be placed directly above the studs of the rail post anchor device.



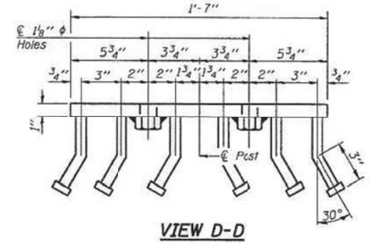
SECTION C-C



ANCHOR DEVICE

* Threaded areas shall be plugged or blocked off during casting of beam. Galvanized after fabrication.

*** Whenever the lower insert assemblies interfere with strand locations the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed ½".



VIEW D-D

BILL OF MATERIAL

Item	Unit	Quantity
Removing & Re-erecting Existing Railing	Foot	59

REPAIR DETAILS
FAP 681
LIVINGSTON COUNTY
SN 053-0159

DESIGNED	ATH
CHECKED	AJB
DRAWN	balive
CHECKED	ATH AJB

EXAMINED — MAY 12, 2008
D. Carl Irwin
ENGINEER OF STRUCTURAL SERVICES

PASSED
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

...\deck_beams_fy08\0530159.dgn 5/12/2008 3:48:29 PM

FILE NAME = $FILES$	USER NAME = Schwankerg	DESIGNED -	
	PLOT TIME = $TIME$	DRAWN -	
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	
	PLOT DATE = 12/13/2012	DATE -	

OATES ASSOCIATES
Engineering + Architecture
ILLINOIS: Eastport Business Center 1, 100 Lakme Court, Suite 1, Glen Carbon, IL 62034, tel 618.345.2220, fax 618.345.7233
MISSOURI: Laclede Gas Building, 720 Olive, Suite 1900, St. Louis, MO 63101, tel 314.588.8000, fax 314.588.8605
www.oatesassociates.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
FOR INFORMATION ONLY

SCALE: | SHEET 9 OF 9 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113 BR)BR & (113 BR-1)BR	LIVINGSTON	123	61
		CONTRACT NO. 66832		
	ILLINOIS	FED. AID PROJECT		