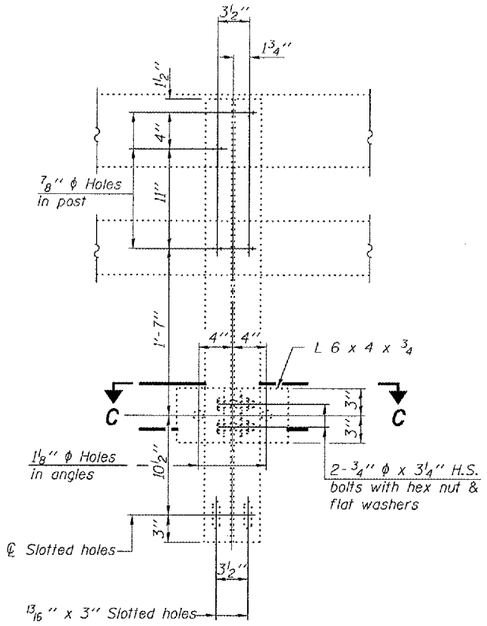
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

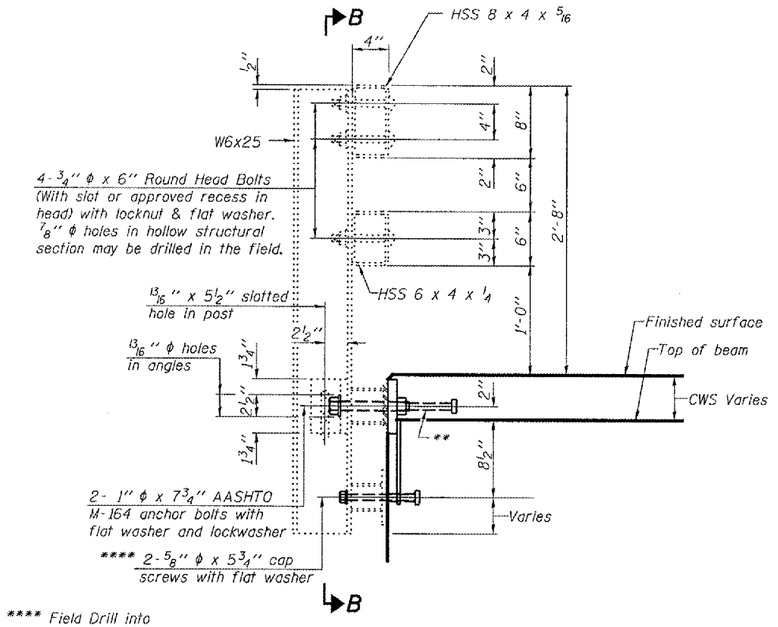
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 39		PIATT	18	13
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 4
5 SHEETS

Contract Number: 70699



SECTION B-B



**** Field Drill into Existing Post

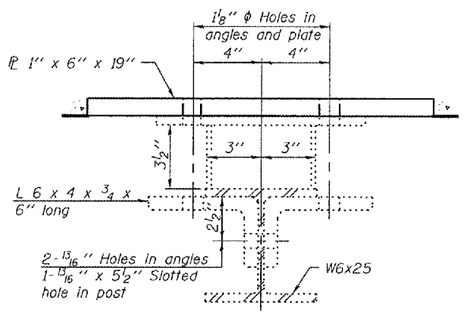
SECTION AT RAIL POST

Notes:

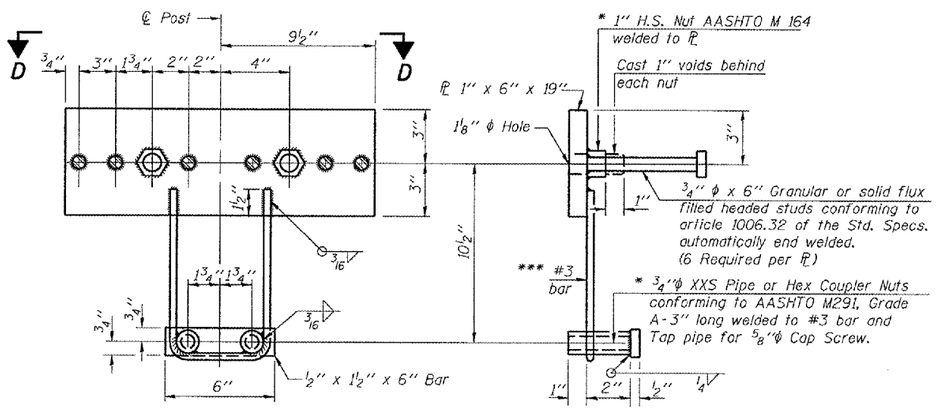
All field drilled holes shall be coated with an approved zinc rich paint before erection.

Steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

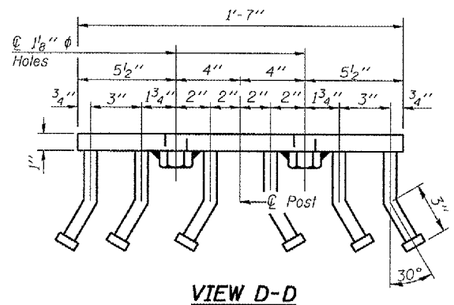
** *The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.*



SECTION C-C



ANCHOR DEVICE



VIEW D-D

BILL OF MATERIAL

Item	Unit	Quantity
Removing & Re-erecting Existing Railing	Foot	73

* *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".*

DESIGNED	AJB
CHECKED	VHV
DRAWN	Steffen
CHECKED	AJB VHV

FEBRUARY 25, 2008

EXAMINED — ENGINEER OF STRUCTURAL SERVICES

PASSED — ENGINEER OF BRIDGES AND STRUCTURES

REPAIR DETAILS
SBI 39 OVER
SOUTH BRANCH SALT CREEK
PIATT COUNTY
SN 074-0008