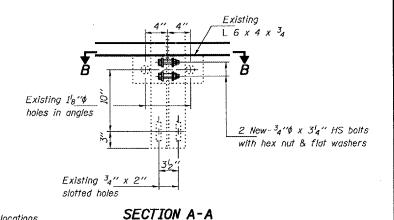
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

* 1" HS nut AASHTO M 164

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SMEET NO.	SHEET NO.
FA 645		MARSHALL		9	9	4 SHEETS
PED. RDAD DIST. NO. 7		14411015	FEO. AID PROJECT-			

Contract Number: 68696



NOTES

Bolts, cap screws, and nuts shall conform to the requirements of ASTM designation A 307 except for high strength bolts nuts and washers noted which shall conform to AASHTO M 164.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized according to AASHTO M 232.

Anchor devices shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. Cost of anchorage devices is included with the cost of Precast Prestressed Concrete Deck Beams of the depth specified in these contract plans.

For multi-span bridges, sufficient '4" galvanized steel shims of the dimensions shown shall be provided to align rall between adjacent spans.

The lower portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 1060.07 Type II or place new g" fabric bearing pad between the post and concrete. Fabric bearing pads shall meet the requirements of Article 1082.01 of the Standard Specifications.

The I''\(\phi\) high strength bolts connecting the angles to the concrete shall be tightened to a snug fit and given an additional sturn. The $^{5}_{8}$ '\(\phi\) cap screws in bottom of posts shall be tightened to snug fit only.

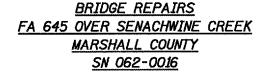
Removal and re-erection of the existing railing shall be accomplished in a manner that will avoid scratching, denting or other damage that may affect the durability or appearance of the railing.

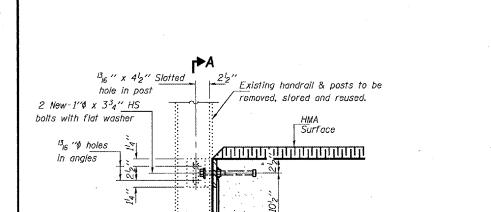
The length paid for will be overall length along the rail from end to end, in place, at the location of reservation.

place, at the location of re-erection.

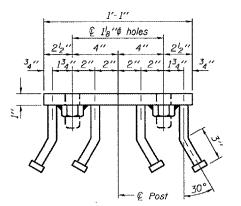
This work will be paid for at the contract unit price per foot for Removing and Re-erecting Existing Railing, which price shall include removal, temporary

and Re-erecting Existing Railing, which price shall include removal, temporary storage, re-erection, asphalt paint or new bearing pads, shims and all new hardware required to satisfactorily complete the work.

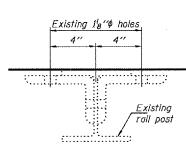




SECTION AT RAIL POST



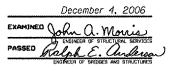
VIEW C-C

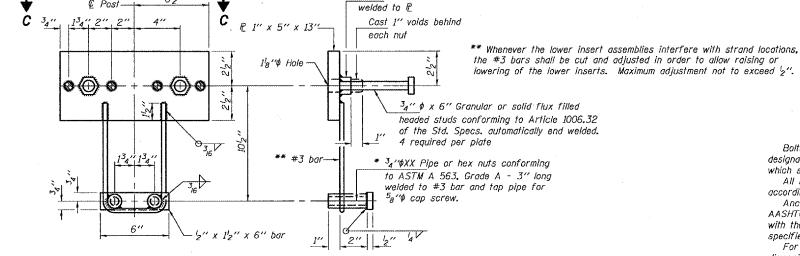


SECTION B-B

DESIGNED	VHV
CHECKED	SJB
DRAWN	baliva
CHECKED	VHV SJB

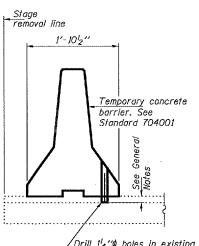
2 New- ${}^58''\phi$ x $1^34''$ cap screws with flat washer





ANCHOR DEVICE

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



Drill 1'4" holes in existing overlay for 1" x 10" dowel bars.
Traffic side only, Cost included with Temporary Concrete Barrier.

SECTION THRU SLAB