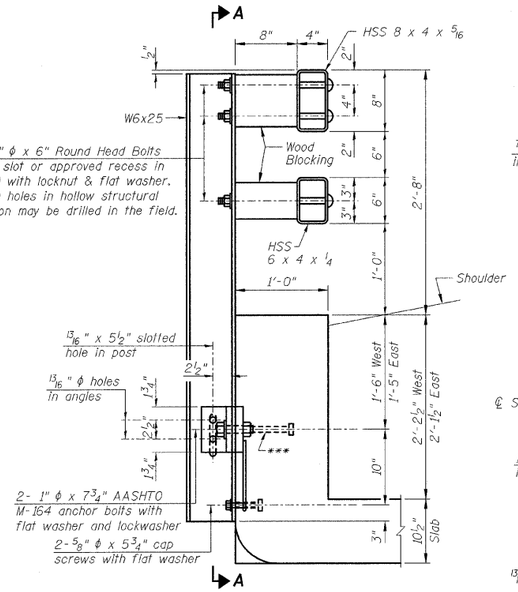
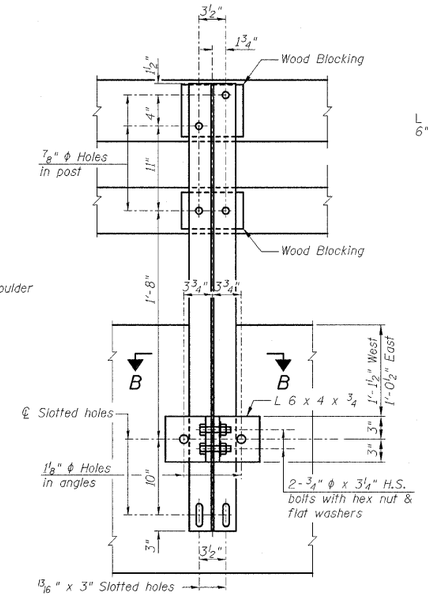
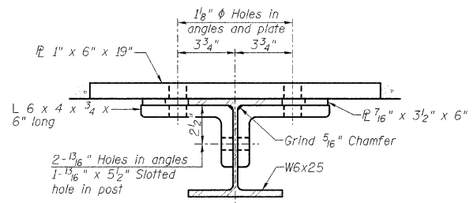


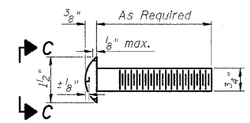

SECTION AT RAIL POST



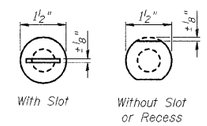

SECTION A-A



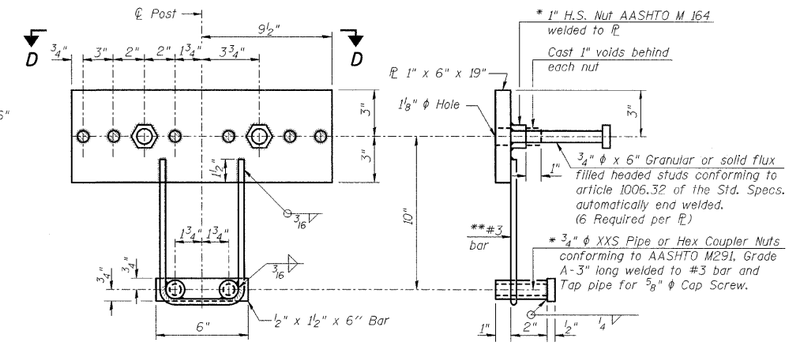

SECTION B-B




DETAIL OF 3/4" ϕ ROUND HEAD BOLT

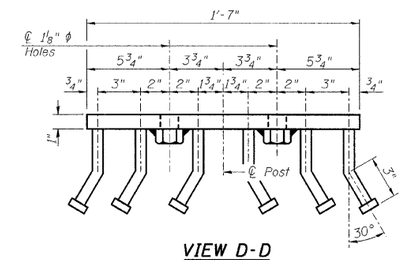



VIEW C-C

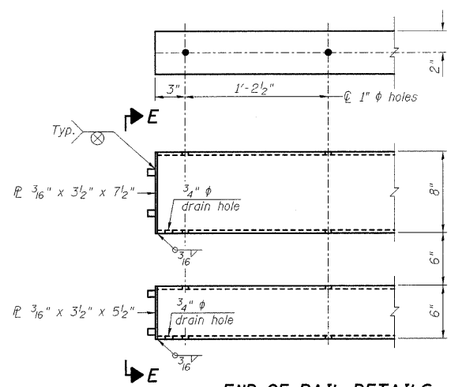



ANCHOR DEVICE

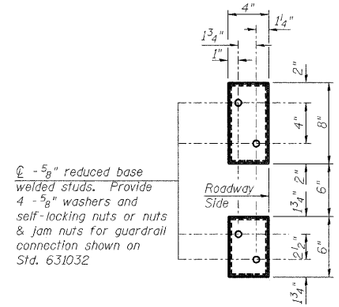
*Threaded areas shall be plugged or blocked off during casting of the headwall. Galvanized after concrete placement.
**Whenever the lower insert assemblies interfere with reinforcement locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed 1/2".



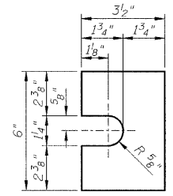

VIEW D-D

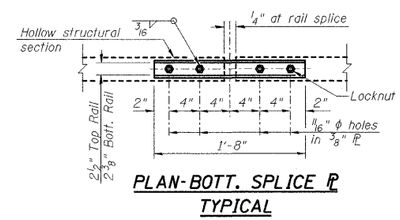



END OF RAIL DETAILS

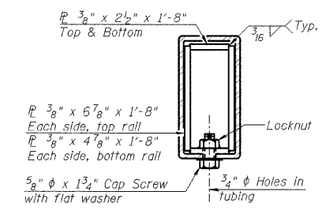



VIEW E-E

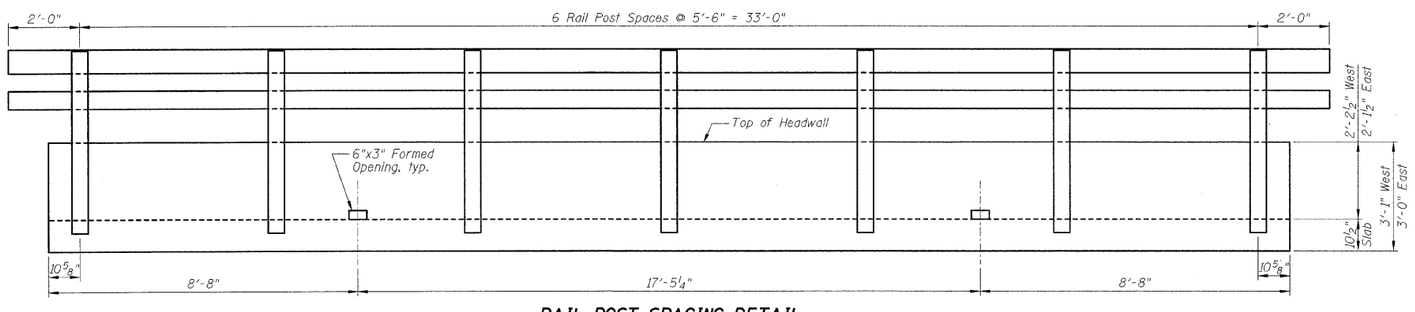



PLAN-BOTT. SPLICE PL TYPICAL




SECTION AT RAIL SPLICE




RAIL POST SPACING DETAIL

(6'-3" Maximum Post Spacing)

## BILL OF MATERIAL

| Item | Unit | Quantity |
|---|---|---|
| Steel Railing, Type SM | Foot | 74 |

## NOTES:

1.) All field drilled holes shall be coated with an approved zinc rich paint before erection.
2.) All steel rail members shall be galvanized according to Article 509.05 of the Standard Specifications.

| | | | |
|---|---|---|---|
| DESIGNED - JML | REVISED - | LIVINGSTON COUNTY DEPARTMENT OF HIGHWAYS | STEEL RAILING, TYPE SM |
| DRAWN - DJM | REVISED - | | |
| CHECKED - MSW | REVISED - | | |
| DATE - 10/21/09 | REVISED - | | SCALE: SHEET NO. A9 OF 11 SHEETS STA. TO STA. |

WESTON ROAD (C.H. 10) OVER HICKORY CREEK
SECTION 09-00120-03-BR
LIVINGSTON, COUNTY
STATION 23+87.00

| F.A.S. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 349 | 09-00120-03-BR | LIVINGSTON | 34 | 20 |
| S.N. 053-5014 | | CONTRACT NO. 87412 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |