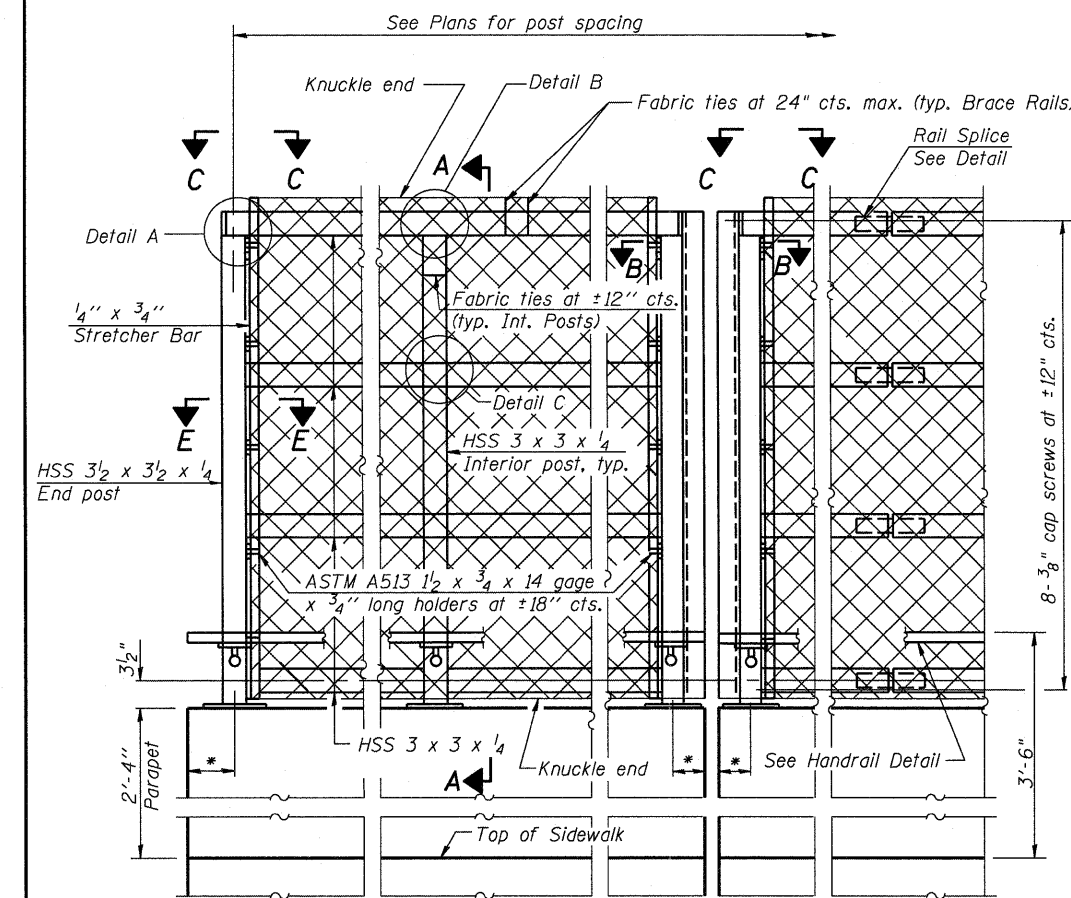
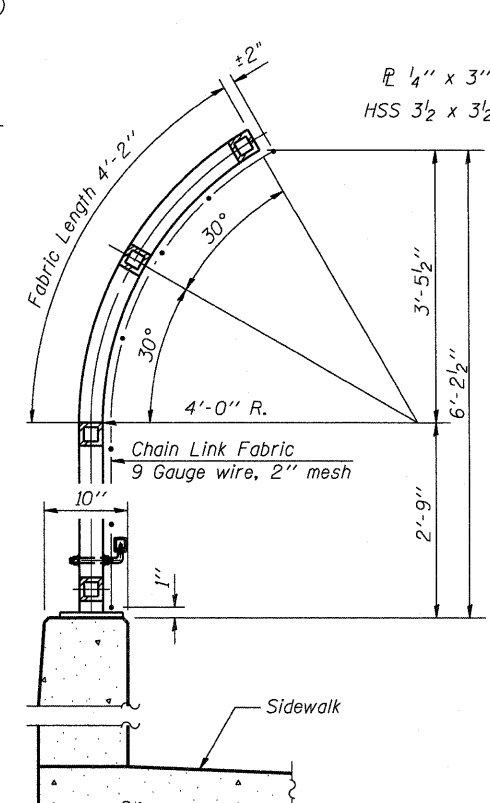


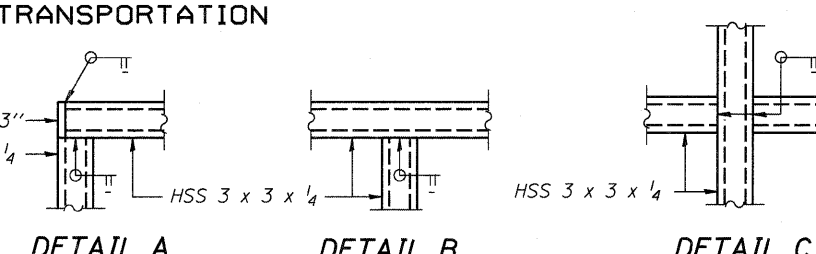
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**ELEVATION**  
(Inside Face)

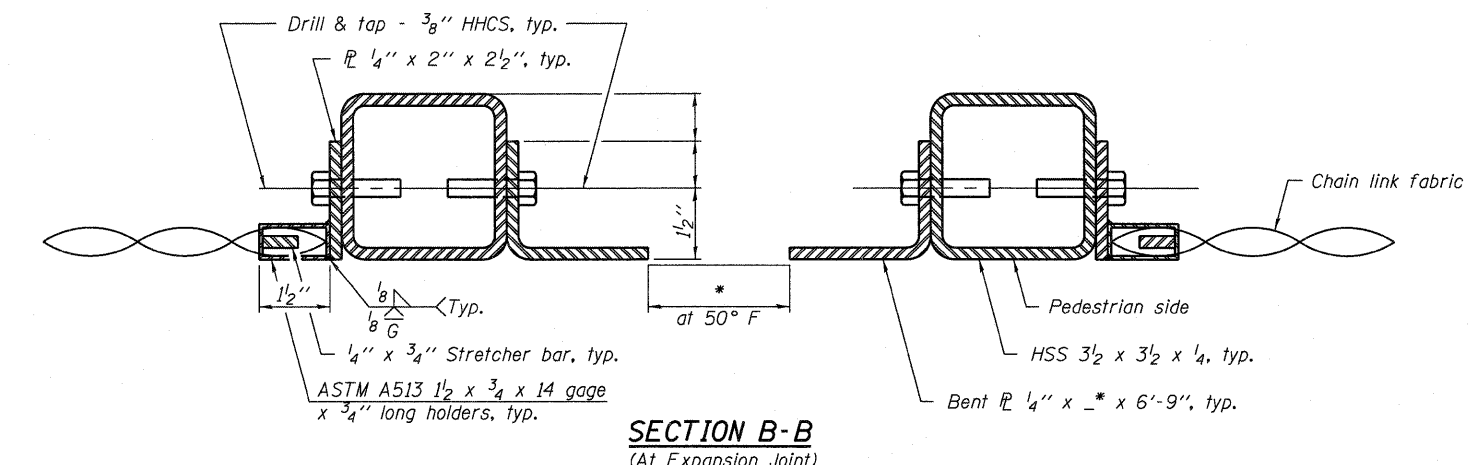


**SECTION A-A**

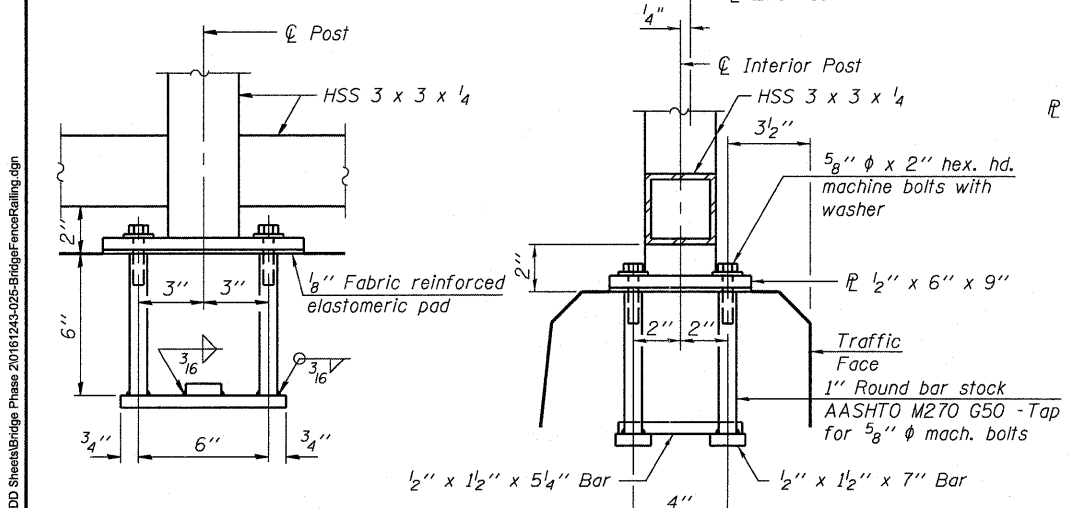


**DETAIL A**      **DETAIL B**      **DETAIL C**

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

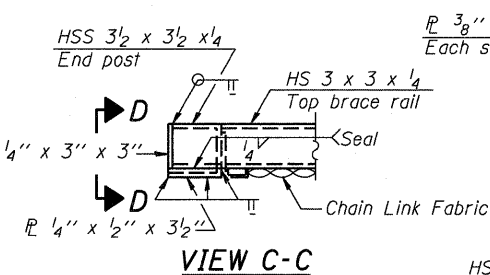


**SECTION B-B**  
(At Expansion Joint)

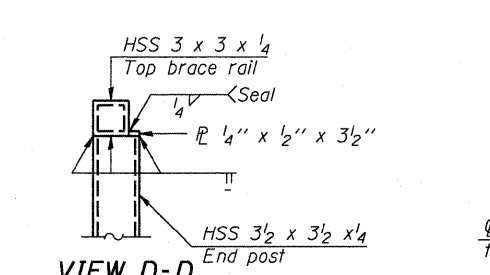


**ANCHOR BOLT DETAILS**

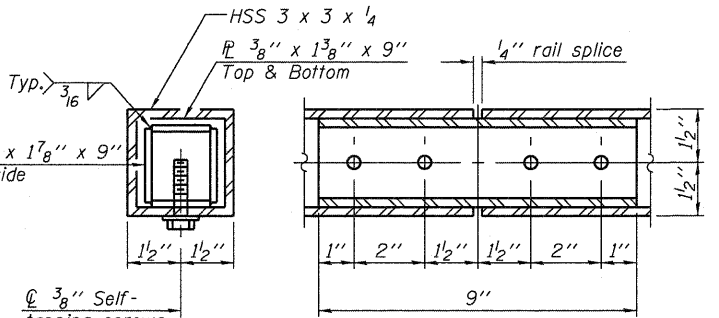
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8"  $\phi$  anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



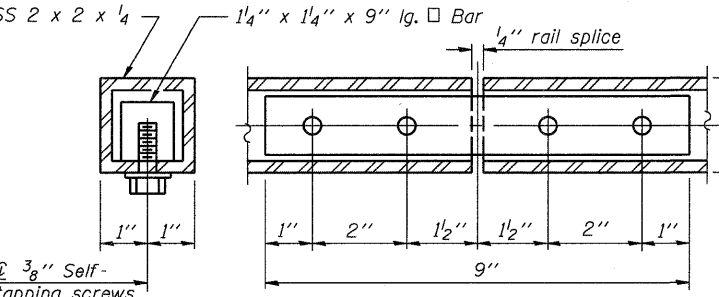
**VIEW C-C**



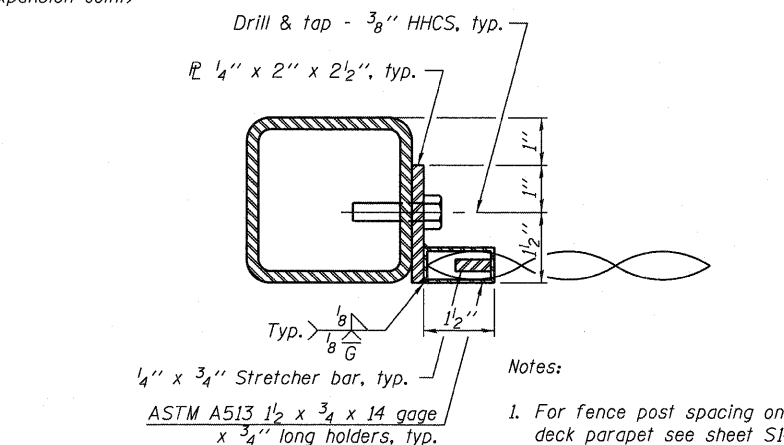
**VIEW D-D**



**RAIL SPLICE**

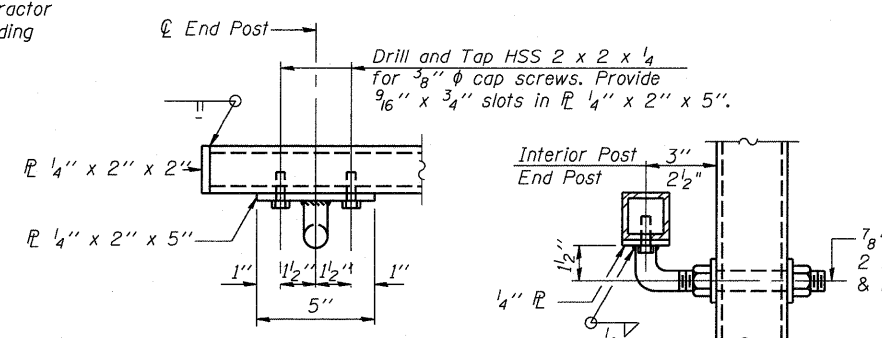


**HANDRAIL SPLICE**

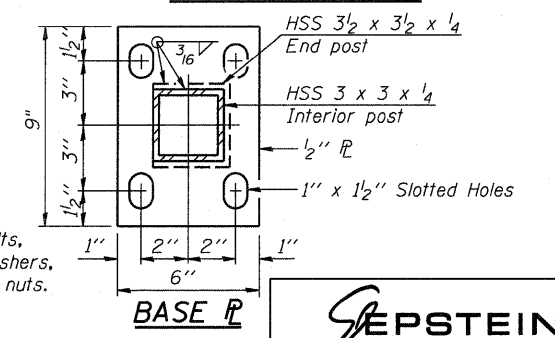


**SECTION E-E**

- Notes:
1. For fence post spacing on deck parapet see sheet S14.
  2. For fence post spacing on South Approach Slab parapet see sheet S16.
  3. For fence post spacing on North Approach Slab parapet see sheet S18.
  4. For fence post spacing on SE Retaining Wall parapet see sheet S31.



**HANDRAIL DETAIL**



**BASE P**  
(Handrail)

**BILL OF MATERIAL**

| Item                 | Unit | Quantity |
|----------------------|------|----------|
| Bridge Fence Railing | Foot | 427      |

**BRIDGE FENCE RAILING  
PARAPET MOUNTED  
STRUCTURE NO. 016-2119**

|          |     |
|----------|-----|
| DESIGNED | EV  |
| CHECKED  | PC  |
| DRAWN    | JCP |
| CHECKED  | JPO |

R-32      11-1-09

\*Variable - See Plans  
(10'-0" Maximum Post Spacing)

**STEPSTEIN**  
600 WEST FULTON STREET      TEL 312 454 9100  
CHICAGO, ILLINOIS      FAX 312 559 1217  
60661-1259      WEB www.stepsteinglobal.com

|               |                    |                 |                           |                  |              |
|---------------|--------------------|-----------------|---------------------------|------------------|--------------|
| SHEET NO. S25 | F.A.I. RTE. 94     | SECTION 1314B-1 | COUNTY COOK               | TOTAL SHEETS 110 | SHEET NO. 61 |
| S52 SHEETS    | CONTRACT NO. 60F65 |                 | ILLINOIS FED. AID PROJECT |                  |              |