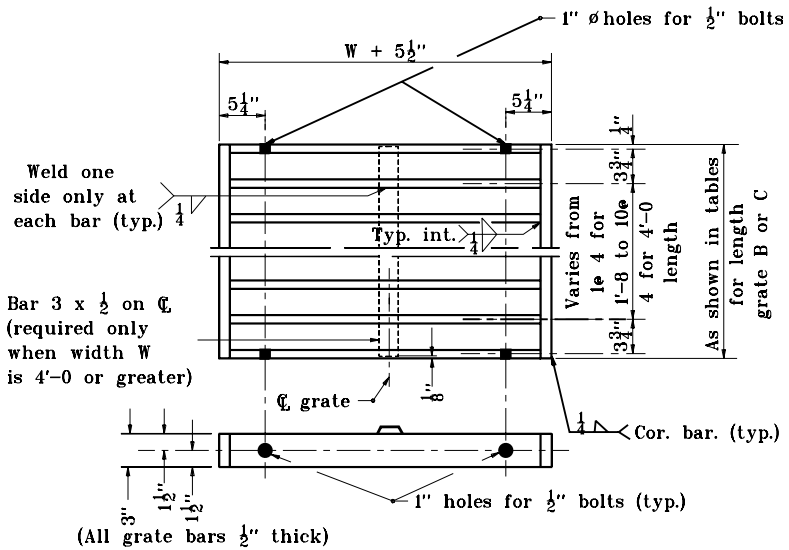
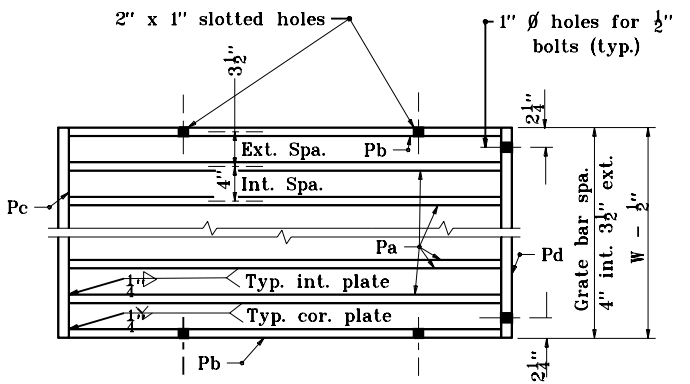
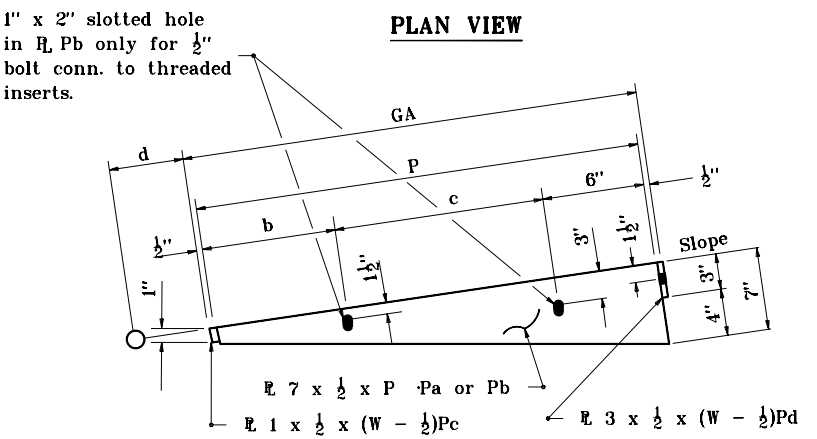


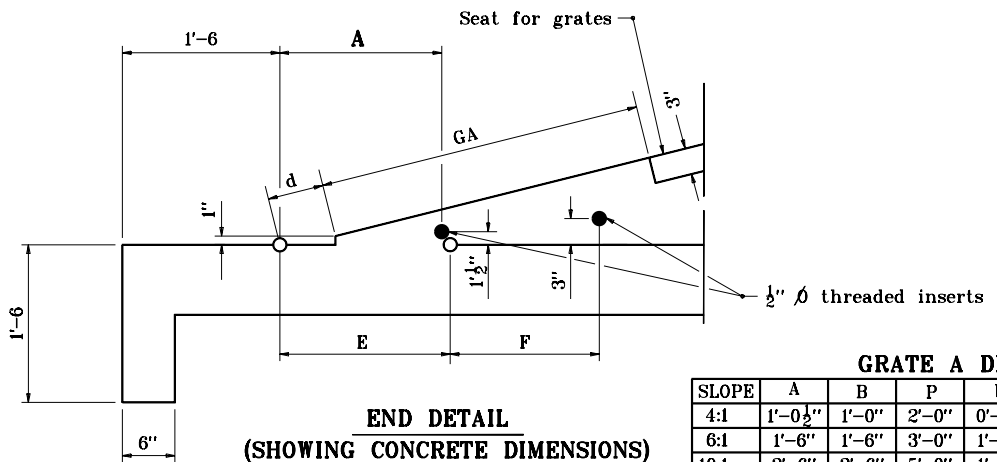

**GRATE B & C**




**PLAN VIEW**




**ELEVATION**
**GRATE A**




**END DETAIL**
**(SHOWING CONCRETE DIMENSIONS)**

**GRATE A DIMENSIONS TABLE**

| SLOPE | A | B | P | b | c | d | E | F | G |
|---|---|---|---|---|---|---|---|---|---|
| 4:1 | 1'-0½" | 1'-0" | 2'-0" | 0'-8" | 0'-10" | 4" | 1'-0½" | 0'-10" | 2'-1" |
| 6:1 | 1'-6" | 1'-6" | 3'-0" | 1'-0" | 1'-6" | 6" | 1'-6½" | 1'-6" | 3'-1" |
| 10:1 | 2'-6" | 2'-6" | 5'-0" | 1'-8" | 2'-10" | 10" | 2'-6½" | 2'-10" | 5'-1" |

INDIANA DEPARTMENT OF TRANSPORTATION

**GRATED BOX END SECTION**
**TYPE II**
JANUARY 1999

STANDARD DRAWING NO. **E 715-GBTT-04**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 1-04-99