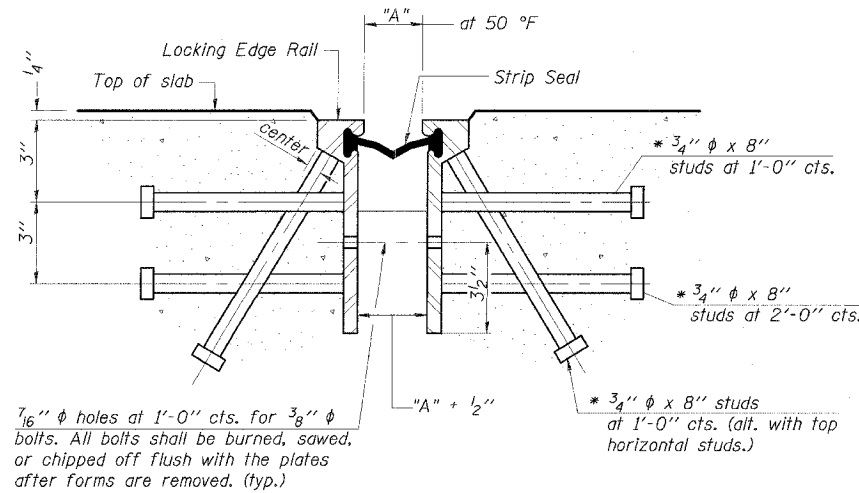
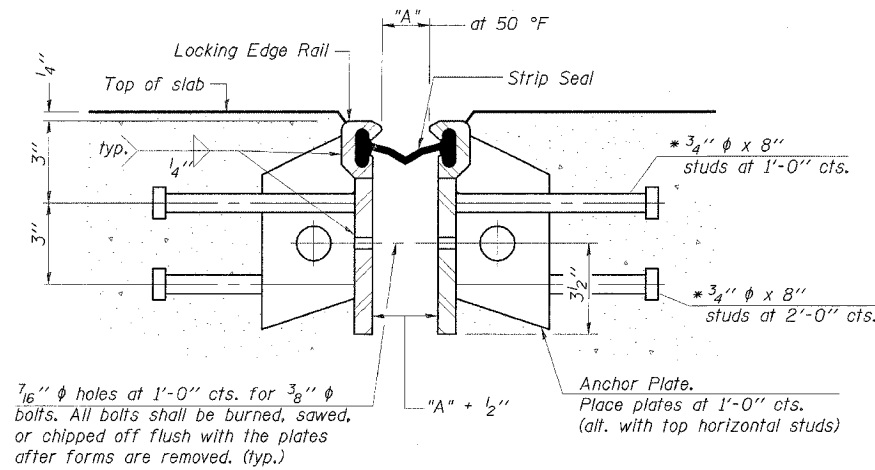


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|---------------------|------------------|------------------|--------------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAP 315 | # | MCLEAN | 44 | 20 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| *102X-BR-2 | DWG. NO. 8 OF 17 | | CONTRACT NO. 66584 | |



| Required Strip Seal rated movement | "A" |
|------------------------------------|--------|
| 1" | 1 1/8" |
| 2" | 1 3/4" |



GENERAL NOTES

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails.

The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed.

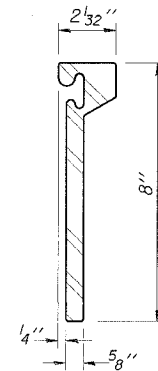
Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

The manufacturer's recommended installation methods shall be followed.

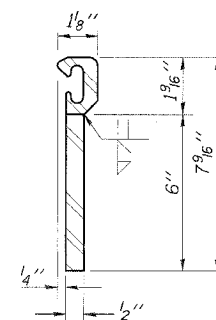
SECTION THRU ROLLED RAIL EXP. JOINT
(178 Studs Required at Each Joint)

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

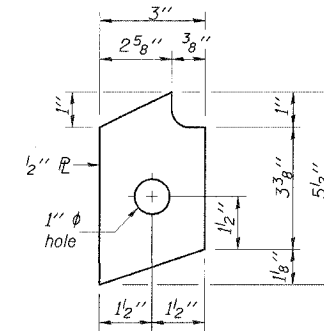
SECTION THRU WELDED RAIL
AT EACH EXPANSION JOINT
(108 Studs Required at Each Joint)
(70 Anchor Plates Required at Each Joint)



ROLLED (EXTRUDED) RAIL

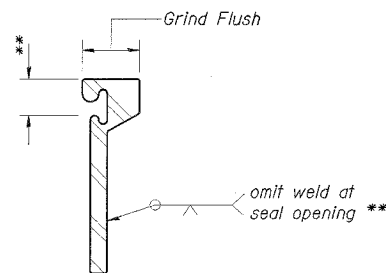


WELDED RAIL



ANCHOR PLATE
(for welded rail)

LOCKING EDGE RAILS



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.

ESCA
CONSULTANTS, INC.

| | | |
|--------------|-----|------|
| DESIGNED BY: | ELH | 6/05 |
| DRAWN BY: | CJG | 6/05 |
| CHECKED BY: | ELH | 9/05 |
| APPROVED BY: | RDP | 9/05 |

STRIP SEAL EXPANSION JOINT
US 136 OVER BRANCH OF SALT CREEK
FAP ROUTE 315 - SECTION 102X-BR-2
MCLEAN COUNTY
STATION 616+99.00
STRUCTURE NO. 057-0185