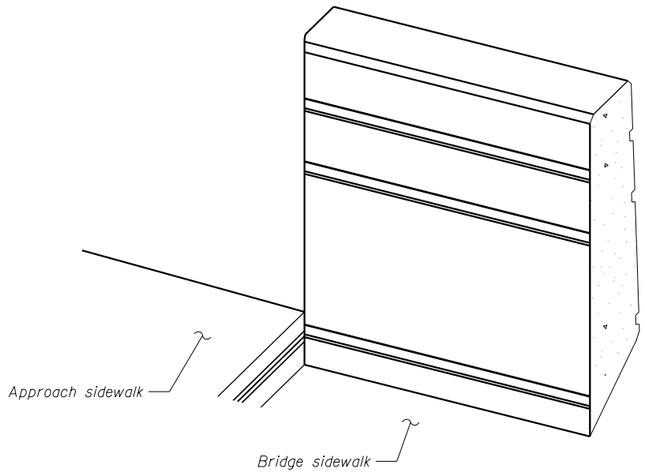
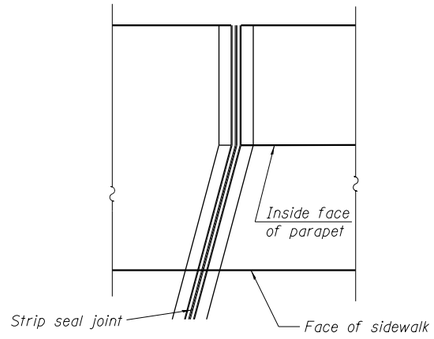
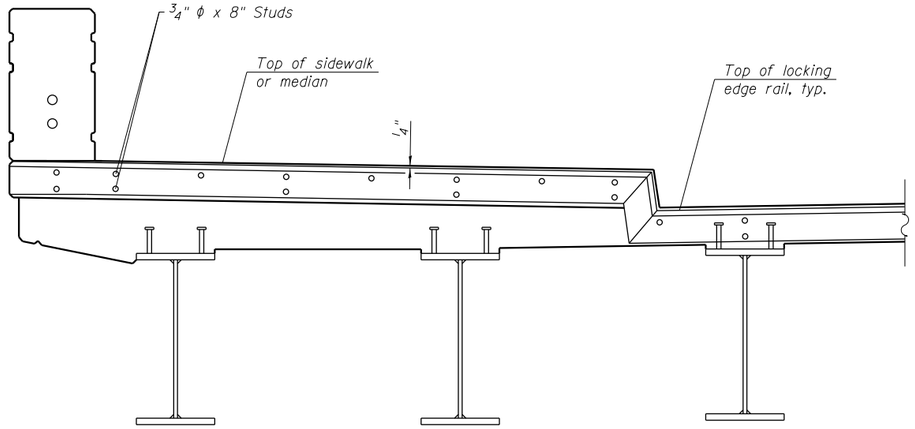


TRIMETRIC VIEW - WEST SIDEWALK

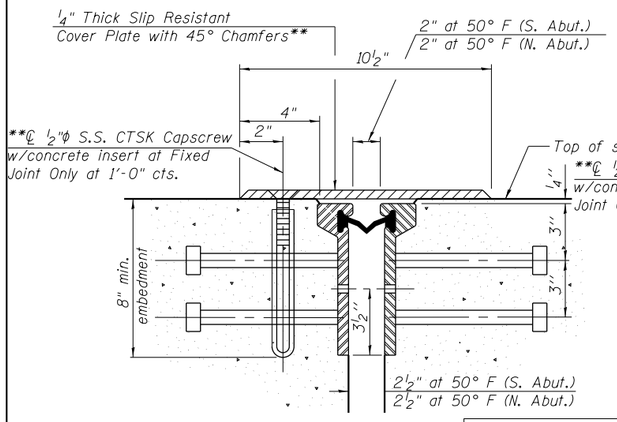


PLAN AT WEST SIDEWALK



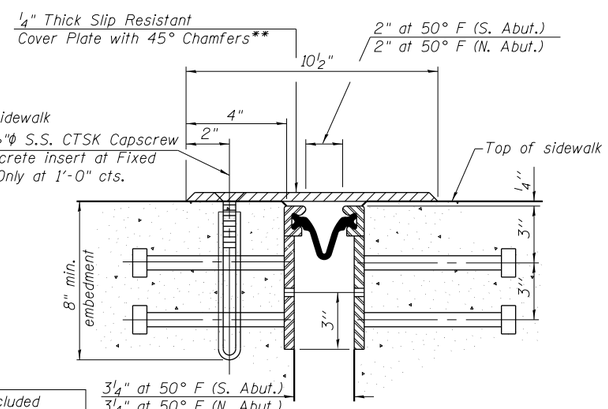
TYPICAL END TREATMENT AT WEST SIDEWALK

Shorter plates with a single row of studs at 12'' cts. may be necessary on sidewalks which are shallower than 9''. See manufacturer's recommendation.

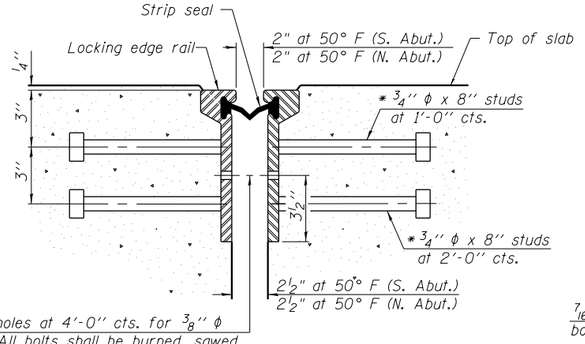


** Cost shall be included with Preformed Joint Seal.

SECTION THRU ROLLED RAIL JOINT AT SIDEWALK

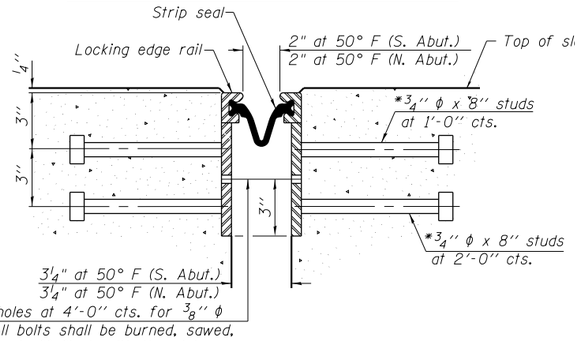


SECTION THRU ROLLED RAIL JOINT AT SIDEWALK



7/16'' ϕ holes at 4'-0'' cts. for 3/8'' ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

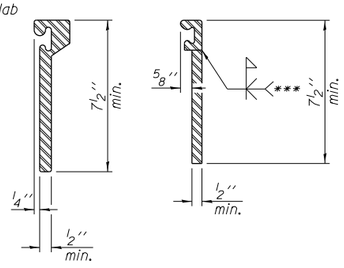
SECTION THRU ROLLED RAIL JOINT AT ROADWAY



7/16'' ϕ holes at 4'-0'' cts. for 3/8'' ϕ bolts. All bolts shall be burned, sawed, or chipped off flush with the plates after forms are removed, typ.

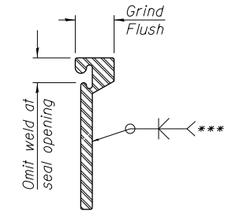
SECTION THRU WELDED RAIL JOINT AT ROADWAY

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded. Cost shall be included with Preformed Joint Seal.



ROLLED EXTRUDED RAIL

WELDED RAIL



*** Back gouge not required if complete joint penetration is verified by mock-up.

LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

LOCKING EDGE RAILS

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.

The inside of the Locking Edge Rail groove shall be free of weld residue.

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

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

Maximum space between rail segments at stage lines shall be 3/16'', sealed with a suitable sealant

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	213

TranSystems

USER NAME = rlschultz	DESIGNED - KAH	REVISED
	CHECKED - MDS	REVISED
PLOT SCALE = 0:1.0000 ':" / in.	DRAWN - RLS	REVISED
PLOT DATE = 9/15/2013	CHECKED - MDS	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT DETAILS 1
STRUCTURE NO. 016-1716
SHEET NO. S2-41 OF S2-81 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	2013-008R	COOK	559	401
		CONTRACT NO. 60W26		
	ILLINOIS FED. AID PROJECT			