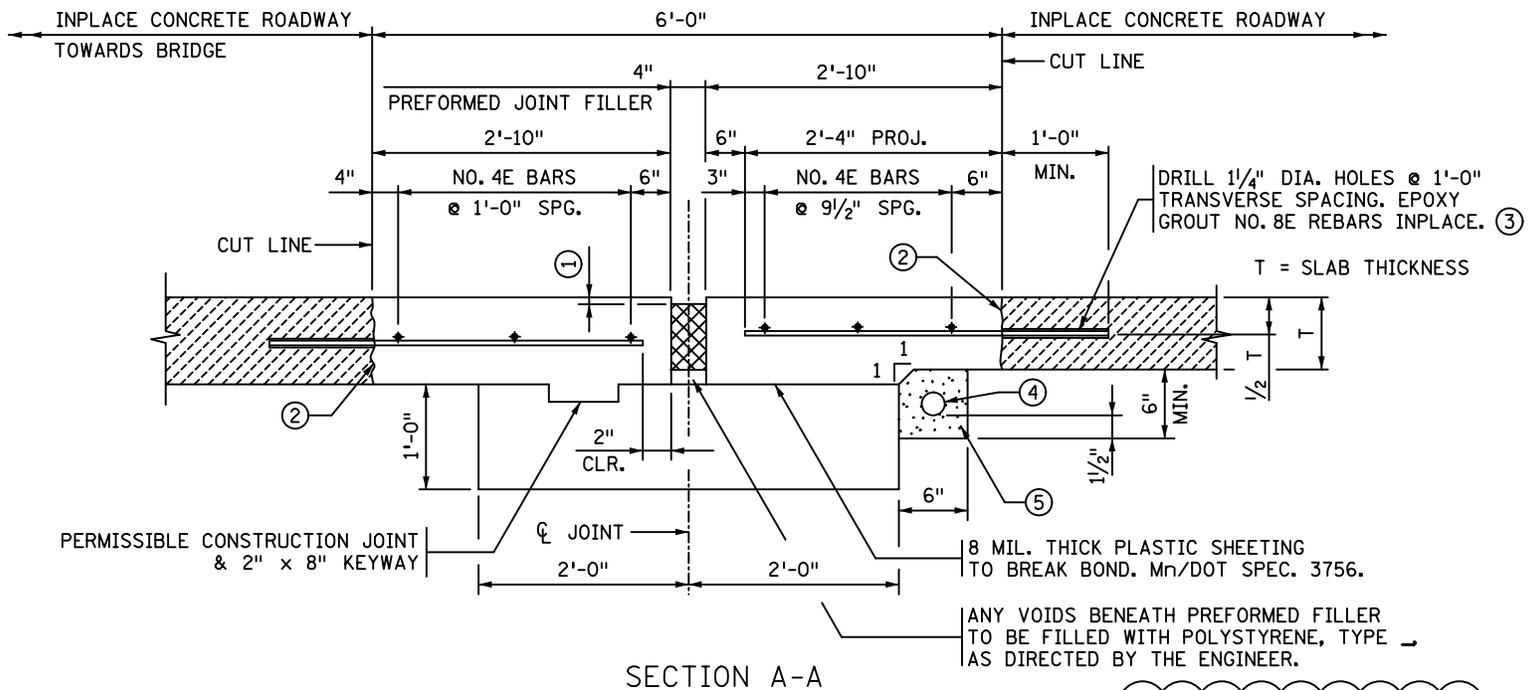


CONCRETE ROADWAY



SECTION A-A

- ① TOP OF FILLER TO BE PLACED  $\frac{3}{4}$ " TO 1" BELOW TOP OF PAVEMENT. PLACE JOINT SEALER Mn/DOT SPEC. 3720 ABOVE FILLER  $\frac{3}{8}$ "  $\pm$   $\frac{1}{8}$ " BELOW TOP OF PAVEMENT.
- ② CLEAN EXPOSED FACE BY SAND BLASTING AND AIR BLASTING. APPLY APPROVED BONDING GROUT IMMEDIATELY PRIOR TO CONCRETE PLACEMENT. CONCRETE TO BE MIX NO. 3X33.
- ③ REBARS SHALL BE PLACED PARALLEL TO CL OF ROADWAY ON SKEWS AND TANGENT TO CL ON CURVED ROADWAYS.
- ④ 2" NOMINAL DIA. THERMOPLASTIC PERFORATED PIPE AS PER Mn/DOT SPEC. 3245. WRAP PIPE WITH GEOTEXTILE AS PER Mn/DOT SPEC. 3733. SLOPE PIPE TO DITCH ON LOW SIDE,  $\frac{1}{8}$ " PER FOOT. MINIMUM SLOPE. FURNISHING AND INSTALLING DRAIN SYSTEM SHALL BE INCIDENTAL WITH NO DIRECT PAYMENT.
- ⑤ BACKFILL WITH FINE AGGREGATE, Mn/DOT SPEC. 3149, MODIFIED TO 0-3% PASSING A NO. 200 SIEVE.

DESIGNER NOTE (REMOVE PRIOR TO PLOTTING FINAL PLAN):  
DEFINE TYPE A OR B FOR POLYSTYRENE.

APPROVED: NOVEMBER 22, 2002

STATE OF MINNESOTA  
DEPARTMENT OF TRANSPORTATION

REVISED  
05-26-2006  
04-17-2013

DETAIL NO.

CONCRETE RELIEF JOINT DETAIL  
(BRIDGE RECONSTRUCTION ON TRUNK HIGHWAY BRIDGES)

B850

*Samuel J. Morgan*  
STATE BRIDGE ENGINEER