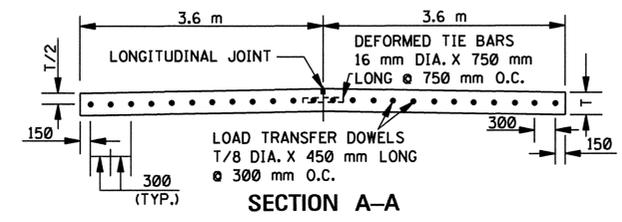
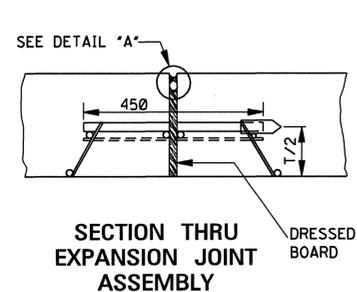


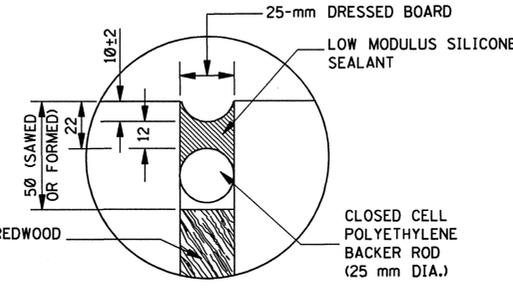
PLAN SHOWING JOINTS



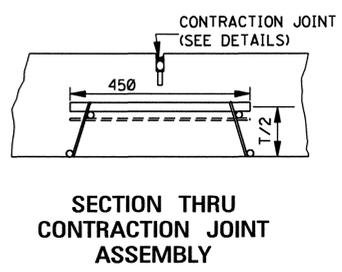
SECTION A-A



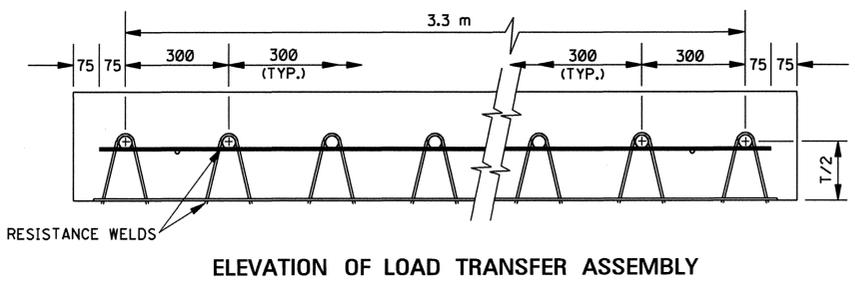
SECTION THRU EXPANSION JOINT ASSEMBLY



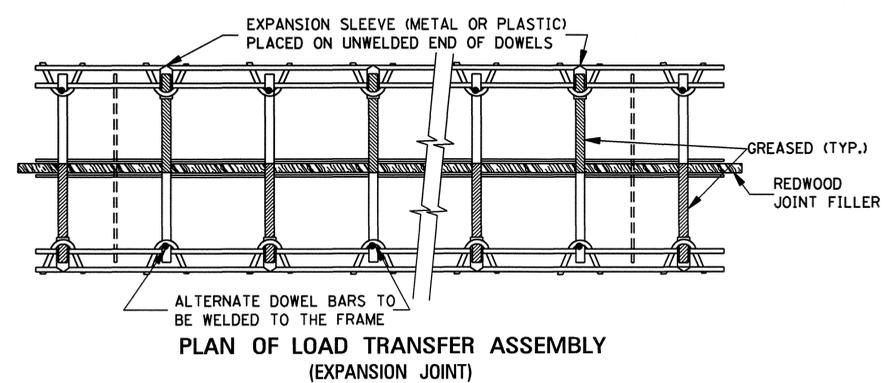
DETAIL "A"



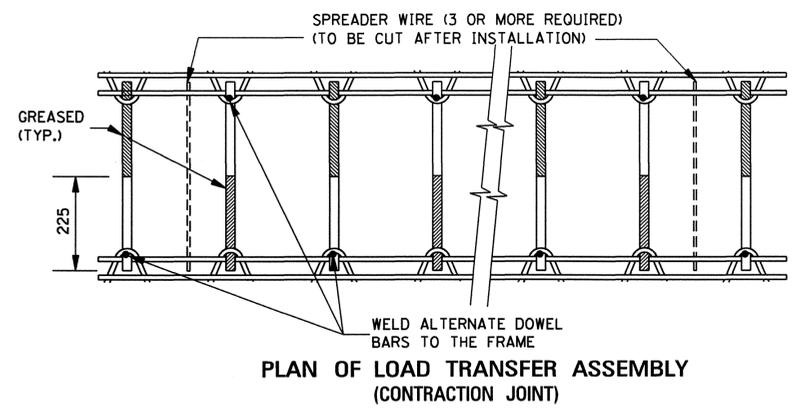
SECTION THRU CONTRACTION JOINT ASSEMBLY



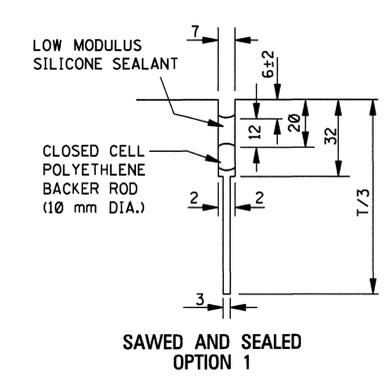
ELEVATION OF LOAD TRANSFER ASSEMBLY



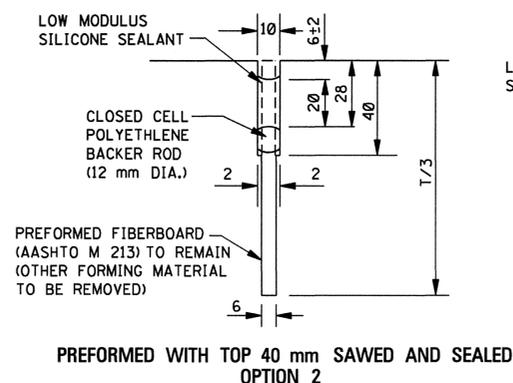
PLAN OF LOAD TRANSFER ASSEMBLY (EXPANSION JOINT)



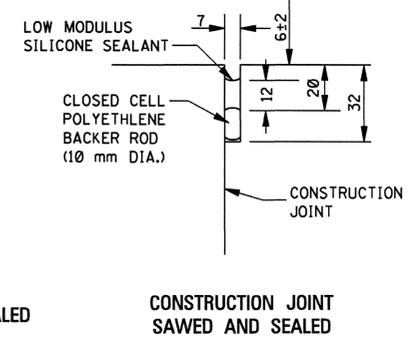
PLAN OF LOAD TRANSFER ASSEMBLY (CONTRACTION JOINT)



SAWED AND SEALED OPTION 1

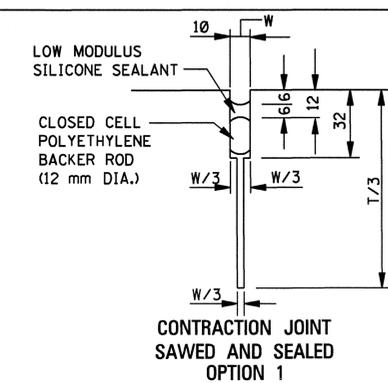


PREFORMED WITH TOP 40 mm SAWED AND SEALED OPTION 2

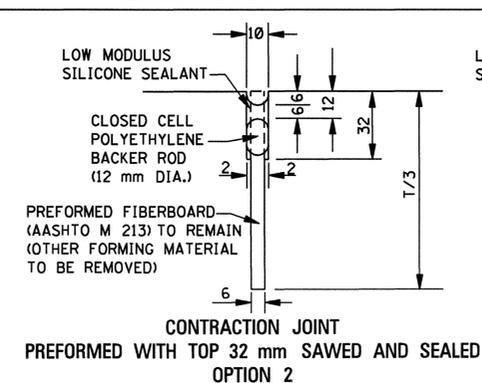


CONSTRUCTION JOINT SAWED AND SEALED

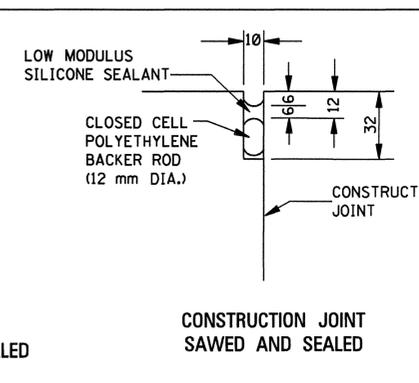
LONGITUDINAL JOINTS



CONTRACTION JOINT SAWED AND SEALED OPTION 1



CONTRACTION JOINT PREFORMED WITH TOP 32 mm SAWED AND SEALED OPTION 2



CONSTRUCTION JOINT SAWED AND SEALED

TRANSVERSE JOINTS

GENERAL NOTES:

- DOWEL BAR SPECIFICATIONS: AASHTO M 31M GRADE 420.  
TOLERANCES: THE PERMISSIBLE VARIATION IN STRAIGHTNESS SHALL BE A MAXIMUM OF 2 mm IN THE LENGTH OF THE DOWEL. THE TOLERANCES IN THE LENGTH SHALL BE ±6 mm.  
THE MAXIMUM PERMISSIBLE ALIGNMENT VARIATION SHALL BE 6 mm IN THE LENGTH OF THE DOWEL IN EACH PLANE, BOTH HORIZONTAL AND VERTICAL.  
COATING: DOWELS SHALL BE SHOP PAINTED FULL LENGTH WITH ONE (1) OF THE FOLLOWING PAINTS AS PER SPECIFICATION: (1) FEDERAL SPECIFICATION TT-P-645, (2) FEDERAL SPECIFICATION TT-P-31D, OR (3) STEEL STRUCTURES PAINTING COUNCIL SPECIFICATION SSPC-PAINT 11.
- ASSEMBLY FRAME SPECIFICATIONS: AASHTO M 32M.  
FRAME WIRE SIZES: ALL FRAME WIRES SHALL BE W5.5 OR GREATER EXCEPT THE SPREADER WIRES WHICH SHALL BE W3 OR GREATER.
- ANCHOR PINS: THE ASSEMBLY SHALL BE SECURED TO CEMENT TREATED OR ASPHALT BASE WITH RAMSET OR EQUIVALENT TIES (MINIMUM OF 8 PER 3.6-m SECTION -- 3 ON EACH SIDE) OR OTHER APPROVED METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE ENTIRE ASSEMBLY IN SUCH A MANNER AS TO PREVENT DISPLACEMENT.
- FOR CONSIDERATION OF USE OF OTHER LOAD TRANSFER ASSEMBLIES, THE CONTRACTOR SHALL PROVIDE DRAWINGS TO THE ENGINEER FOR APPROVAL.
- PREFORMED FILLER IS NOT AN ALTERNATE FOR REDWOOD FILLER AT EXPANSION JOINTS UNLESS SPECIFICALLY REQUIRED ON THE PLANS.

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN DIVISION  
STANDARD PLAN

CONCRETE PAVEMENT JOINTS



BY	
REVISION	
DATE	

WORKING NUMBER  
PJ-1  
SHEET NUMBER  
104  
ISSUE DATE: OCTOBER 1, 1998