



LONGITUDINAL JOINTS

TRANSVERSE JOINTS

GENERAL NOTES:

- DOWEL BAR SPECIFICATIONS: AASHTO M 31 GRADE 60.
TOLERANCES: THE PERMISSIBLE VARIATION IN STRAIGHTNESS SHALL BE A MAXIMUM OF 0.075" IN THE LENGTH OF THE DOWEL. THE TOLERANCES IN THE LENGTH SHALL BE ± 0.25".
THE MAXIMUM PERMISSIBLE ALIGNMENT VARIATION SHALL BE 0.25" 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 II.
- ASSEMBLY FRAME SPECIFICATIONS: AASHTO M 32.
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 12'-0" 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
CONCRETE PAVEMENT JOINTS	
WORKING NUMBER PJ-1	SHEET NUMBER 104
DATE	ISSUE DATE: OCTOBER 1, 1998

