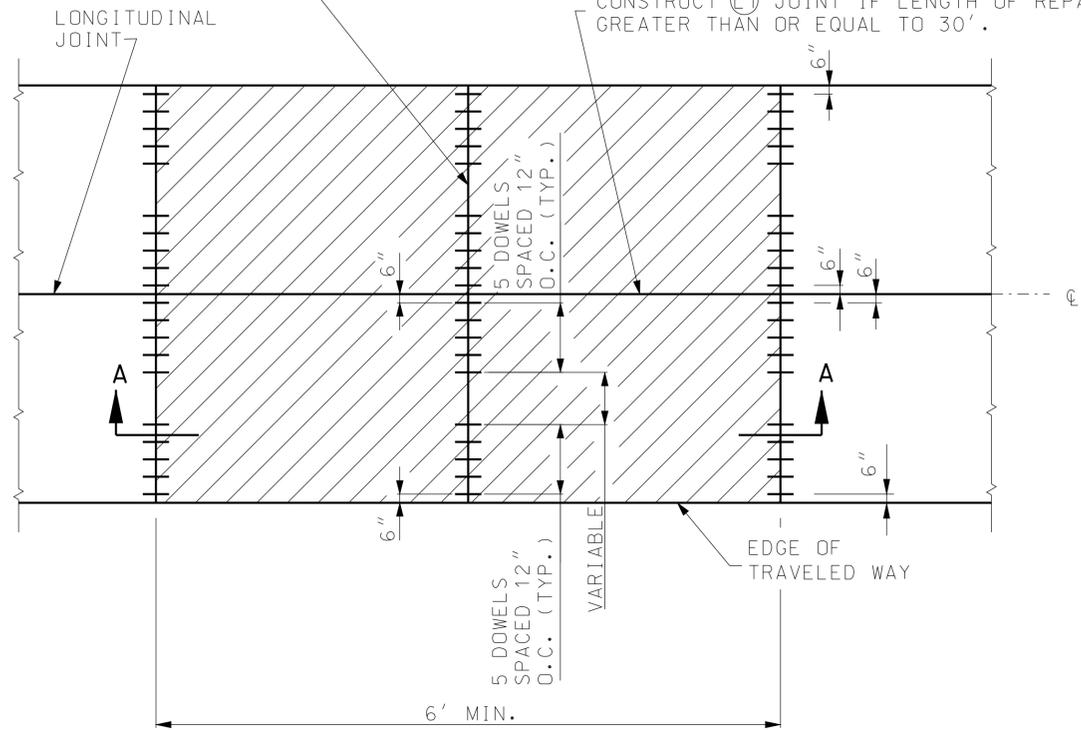
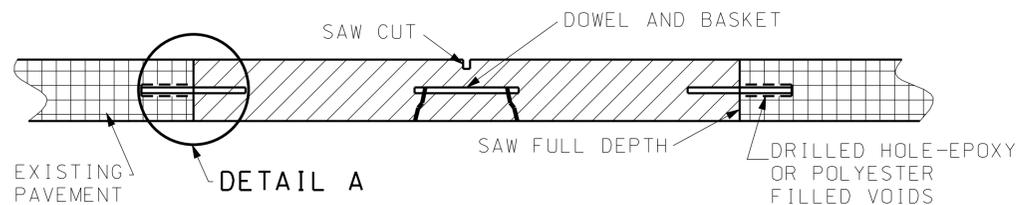


CONSTRUCT (C) JOINT(S) SPACED AT 15' ± 5' IF REPAIR LENGTH IS GREATER THAN OR EQUAL TO 30'. JOINTS SHALL BE AS EQUALLY SPACED AS POSSIBLE.

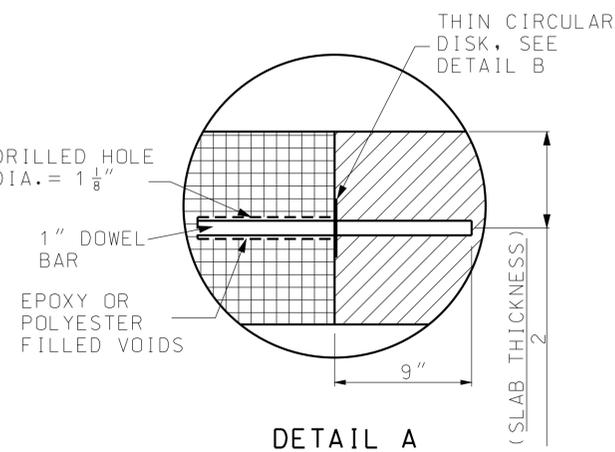
CONSTRUCT (L) JOINT IF LENGTH OF REPAIR IS GREATER THAN OR EQUAL TO 30'.



TWO OR MORE LANES



SECTION A-A



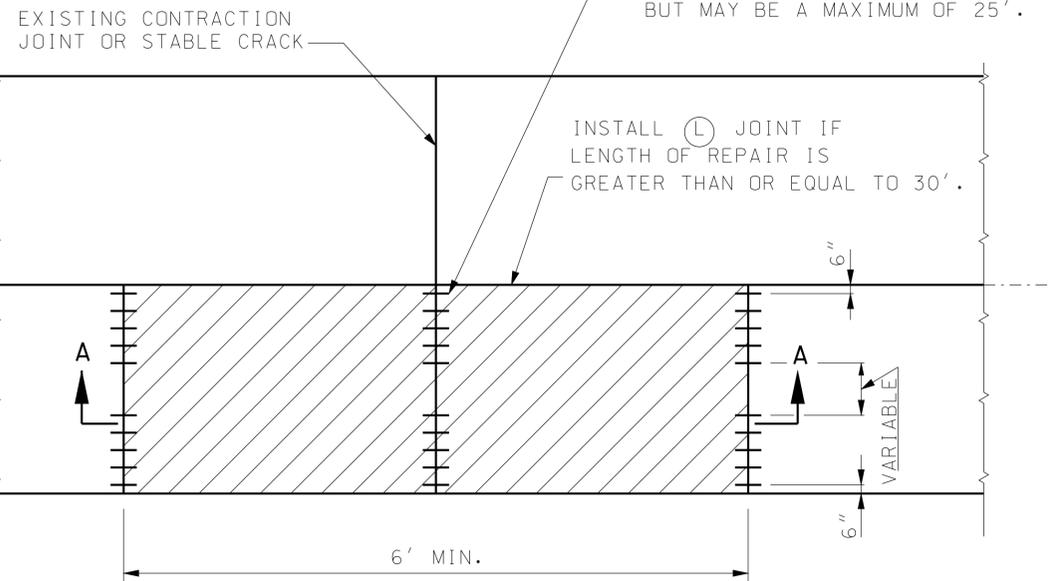
DETAIL A

1. SMOOTH EPOXY COATED DOWELS SHALL BE USED IN ALL FULL DEPTH PAVEMENT REPAIR TRANSVERSE JOINTS.
2. THE ANCHORING MATERIAL (EPOXY OR POLYESTER) SHALL BE PLACED TO THE BACK OF THE PREDRILLED HOLE BEFORE INSERTING THE DOWEL BAR.
3. THE DOWEL IS INSERTED INTO THE HOLE WITH A TWISTING MOTION SO THAT THE MATERIAL IN THE BACK OF THE HOLE IS FORCED UP AND AROUND THE BAR.
4. EXPOSED END OF DOWEL SHALL BE COATED WITH A THIN UNIFORM COAT OF GRAPHITE GREASE. DOWEL BASKET ASSEMBLIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD PLAN 502.10. IN LIEU OF GRAPHITE GREASE, THE DOWEL BAR BASKET SUPPLIER MAY PROVIDE COMPLETED BASKET UNITS PRE-DIPPED IN AN APPROVED BONDBREAKER.

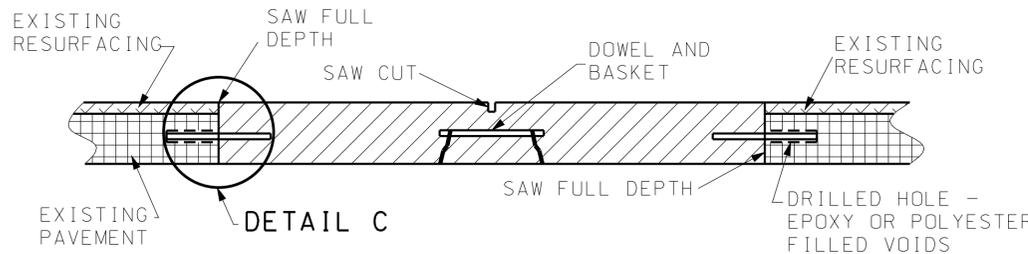
5. REPAIR ONLY ONE LANE AT A TIME.

NON-REINFORCED AND REINFORCED PORTLAND CEMENT CONCRETE

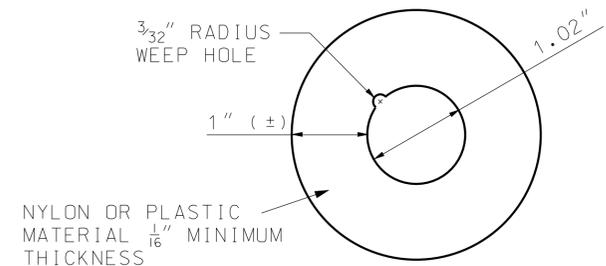
CONSTRUCT (C1) JOINT(S) IF REPAIR LENGTH IS GREATER THAN OR EQUAL TO 30'. JOINTS SHALL BE CONSTRUCTED AT LOCATIONS OF EXISTING TRANSVERSE JOINTS OR CRACKS IN ADJACENT PAVEMENT AND EQUALLY SPACED AS MUCH AS POSSIBLE. THE PREFERRED JOINT SPACING IS 15' ± 5', BUT MAY BE A MAXIMUM OF 25'.



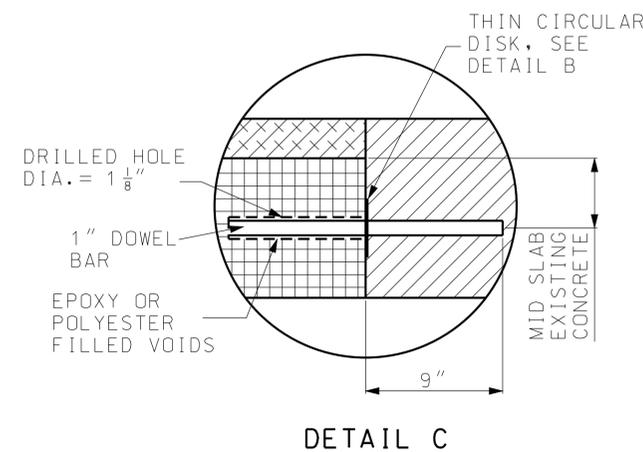
ONE LANE



SECTION A-A ALTERNATE WITH ASPHALT OVERLAY



DETAIL B THIN CIRCULAR DISK



DETAIL C

GENERAL NOTES:

ALL SAW CUTS SHALL BE MADE WITH A DIAMOND SAW EXCEPT THE CENTER RELIEF CUT.

FOR DETAILS OF TYPE (C), (L) AND (L1) JOINTS. SEE STANDARD PLAN 502.05.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

PAVEMENT REPAIR

DATE EFFECTIVE: 07/01/2006	613.00N	SHEET NO.
DATE PREPARED: 8/21/2009		1 OF 1

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.