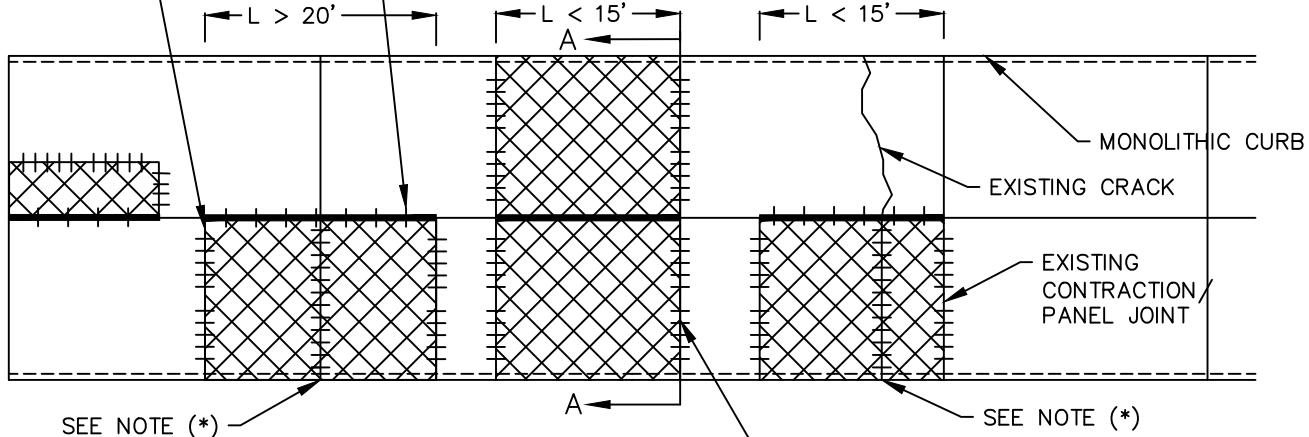


FULL DEPTH SAW-CUT
ENDS OF PAVEMENT
PRIOR TO REMOVAL

LONGITUDINAL JOINTS:
#6 (3/4") 24" LONG, EPOXY COATED
DEFORMED TIE BARS SHALL
BE INSTALLED AT 24" O.C. WHEN THE
LENGTH OF THE PATCH EXCEEDS 20'

PATCH TYPES BY AREA (SY)

TYPE I: 0-4.99 SY
TYPE II: 5.00-14.99 SY
TYPE III: 15.00-49.99 SY
TYPE IV: 50.00-74.99 SY
TYPE V: > 75.00 SY

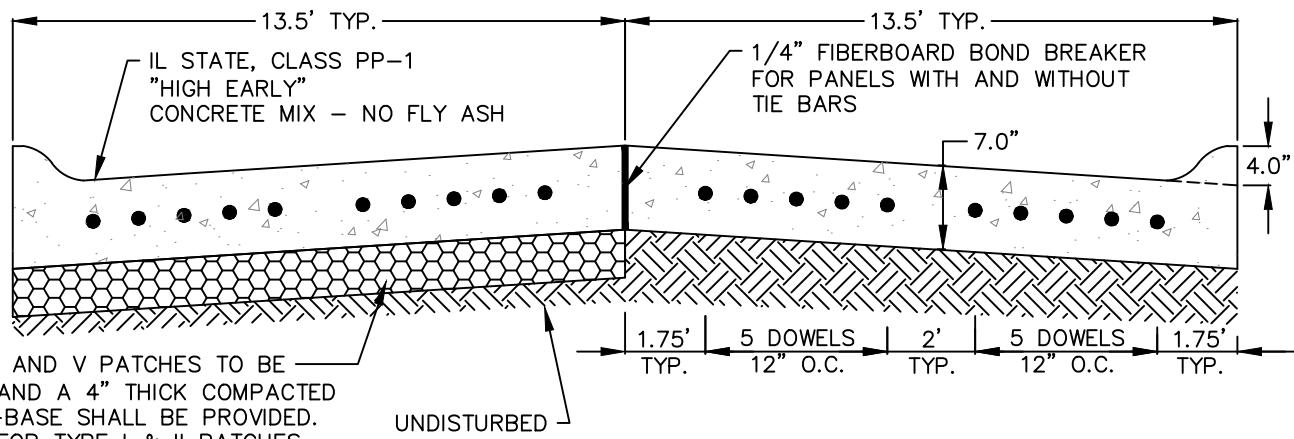


NOTE (*):
FORM NEW, TOOLED, CONTRACTION JOINT
IN LINE WITH EXISTING CONTRACTION JOINTS
OR CRACKS OF ADJACENT PAVEMENT AND IN INTERVALS
NO GREATER THAN 15'. DOWEL BAR BASKETS SHALL HAVE
12 - #8 (1") 18" LONG, EPOXY COATED DOWELS
SPACED AT 12" O.C.

TRANSVERSE JOINTS:
10 - #8 (1") 18" LONG, EPOXY COATED
DOWEL BARS SHALL BE DRILLED AND
EPOXY-CEMENTED AT 12" O.C. INTO
THE ENDS OF ALL PATCHES

TYPE III, IV, AND V PATCHES TO BE
UNDERCUT AND A 4" THICK COMPACTED
CA-6 SUB-BASE SHALL BE PROVIDED.
UNDERCUT FOR TYPE I & II PATCHES
TO BE DETERMINED BY ENGINEER.

UNDISTURBED EARTH



CROSS SECTION A-A

NOTES:

1. ALL CONTRACTION JOINTS SHALL BE SAW-CUT TO A DEPTH OF 2" AT THE END OF EACH WORKING DAY OR SOONER IF PERMISSIBLE.
2. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF PANELS THAT DEVELOP SHRINKAGE CRACKS THAT ARE NOT LOCATED AT THE SAWED CONTRACTION JOINT.
3. ALL JOINTS AND THE PERIMETER OF THE PATCH SHALL BE PREPARED, CLEANED AND SEALED WITH HOT MIX RUBBER ASPHALT JOINT SEALER.
4. WHITE CURING COMPOUND, PER IDOT SECTION 1022.01(C), SHALL BE APPLIED TO THE CONCRETE IMMEDIATELY AFTER IT HAS BEEN FINISHED OR PER MANUFACTURER'S RECOMMENDATION.

CONCRETE STREET PATCHING DETAIL



northbrook
Public Works Department

DATE

4-30-20 Revised Notes & Specifications
4-1-21 Added Plan Note & Revised Picture

STANDARD DETAIL
P-7 (02)