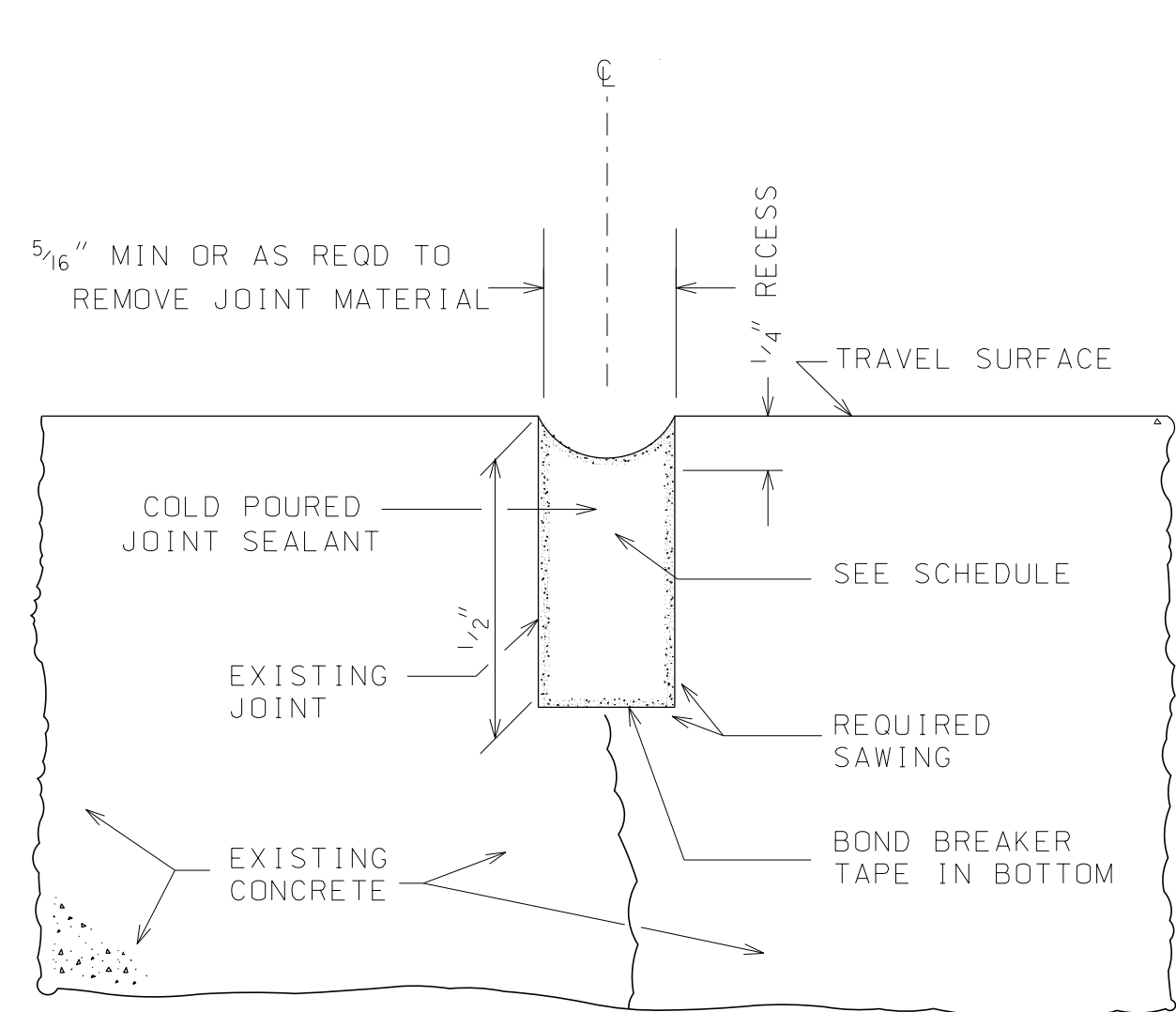
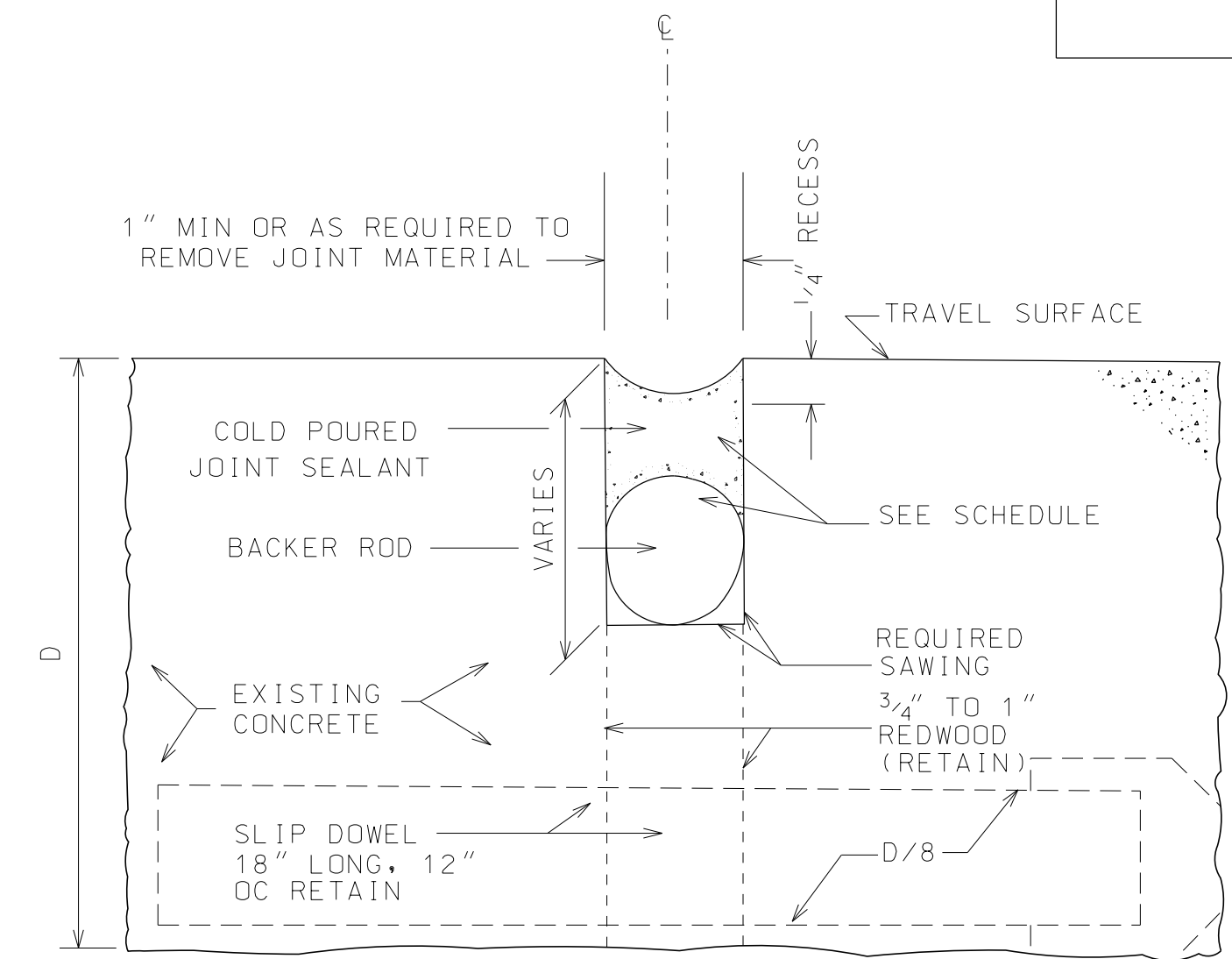


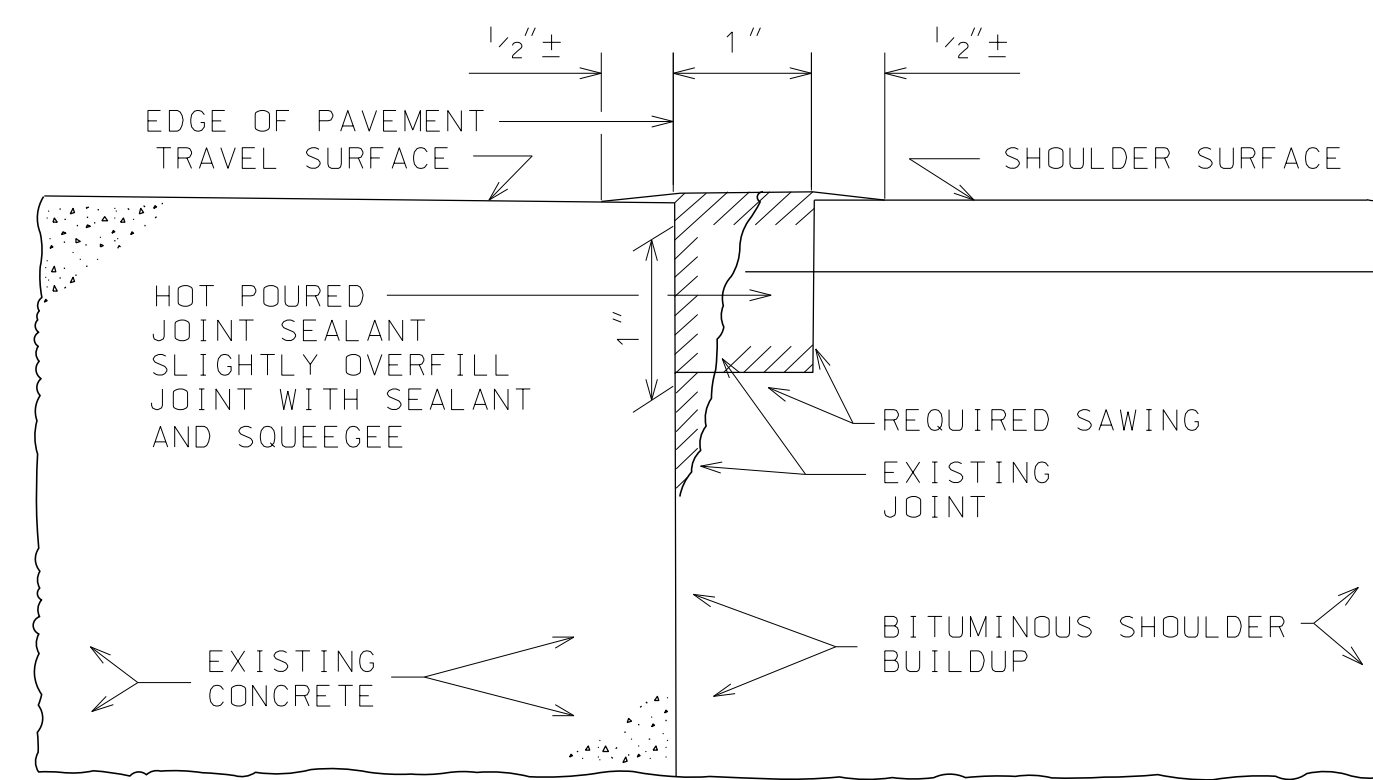
TRANSVERSE CONTRACTION JOINT SEAL



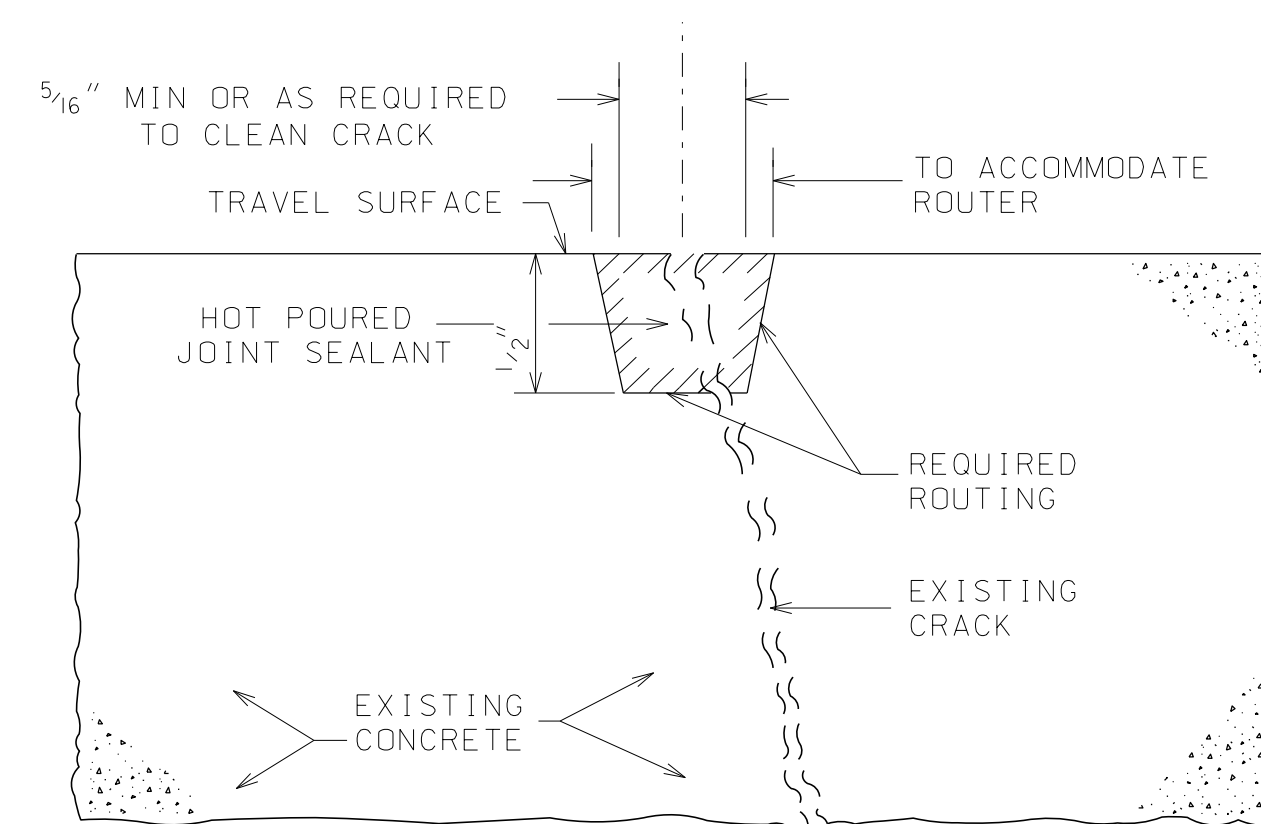
LONGITUDINAL JOINT SEAL



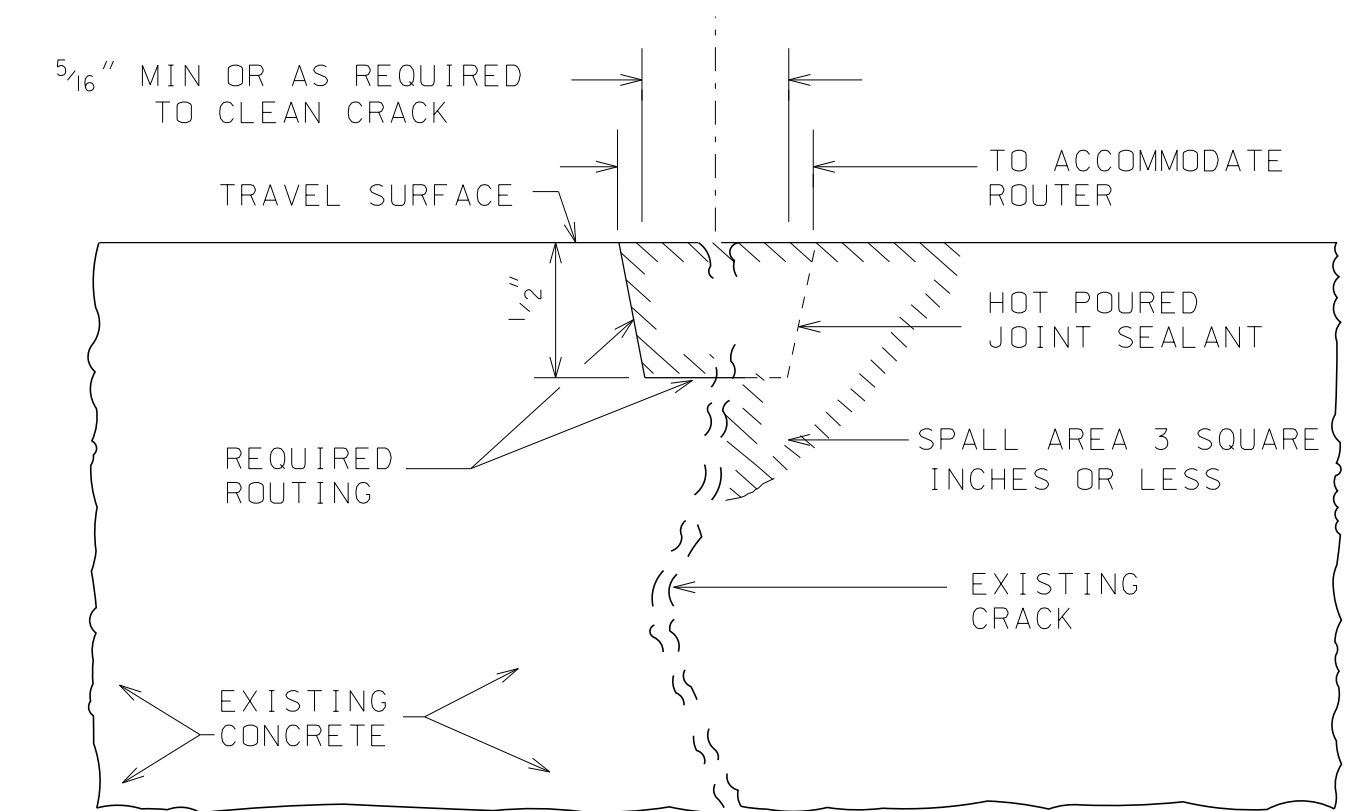
TRANSVERSE EXPANSION JOINT SEAL



EDGE OF PAVEMENT JOINT SEAL



CRACK SEAL



CRACK SEAL WITH SPALL REPAIR

SCHEDULE FOR SHAPE FACTOR			
WIDTH OF NEW SAWED JOINT	DIAMETER OF BACKER ROD	DEPTH OF BACKER ROD BELOW SURFACE	THICKNESS OF SEAL @ C OF JOINT
5/16"	3/8"	1/2"	1/4"
3/8"	1/2"	1/2"	1/4"
1/2"	5/8"	1/2"	1/4"
3/4"	1 1/4"	5/8"	3/8"
1"	1 1/4"	3/4"	1/2"
1 1/4"	1 1/2"	3/4"	1/2"
1 1/2"	1 5/8"	3/4"	1/2"
1 3/4"	2"	3/4"	1/2"

GENERAL NOTES

SAWED JOINT: THE DEPTH OF THE REQUIRED SAWING SHALL BE SUFFICIENT TO REMOVE ALL EXISTING JOINT MATERIALS. CLEAN AND RECEIVE THE REQUIRED SEAL.

RECESS: COLD POURED JOINT SEALANT SHALL BE TOOLED IMMEDIATELY AFTER APPLICATION.

EDGE OF PAVEMENT: THE QUANTITY OF SEALANT REQUIRED MAY VARY FROM THE AMOUNT DETAILED DUE TO THE CONDITION OF THE EXISTING JOINT.

SPALL REPAIR: SPALL AREA 3 SQUARE INCHES OR LESS SHALL BE CLEANED AND FILLED WITH THE JOINT SEAL MATERIAL. LARGER SPALLS SHALL GENERALLY REQUIRE SLAB REMOVAL.

LONGITUDINAL JOINT: ON PAVEMENT REHABILITATION PROJECTS, WHEN THE DEPTH OF THE LONGITUDINAL JOINT EXCEEDS 7/8" THE DETAILS SHOWN FOR TRANSVERSE JOINTS MAY BE USED.

--SPECIFICATIONS--

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- REVISIONS
- Added to CADD on 05-04-99 by J.F.T.
 - Deleted partial depth spall repairs & changed spall repair note and sheet description on 05-20-05 by W.W.A.



ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

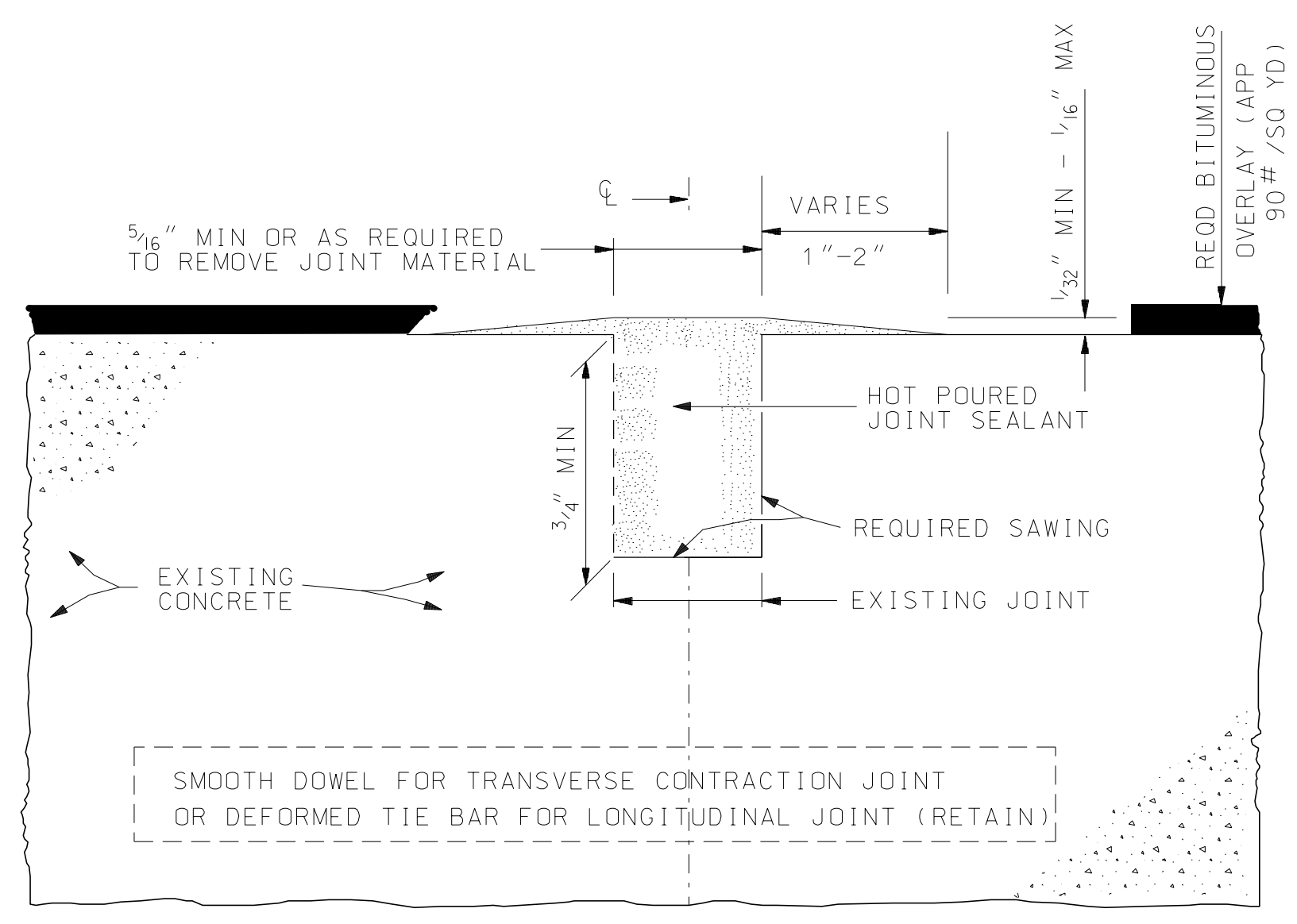
TYPE-1
EXISTING CONCRETE PAVEMENT
JOINT AND CRACK SEAL

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 09-25-90

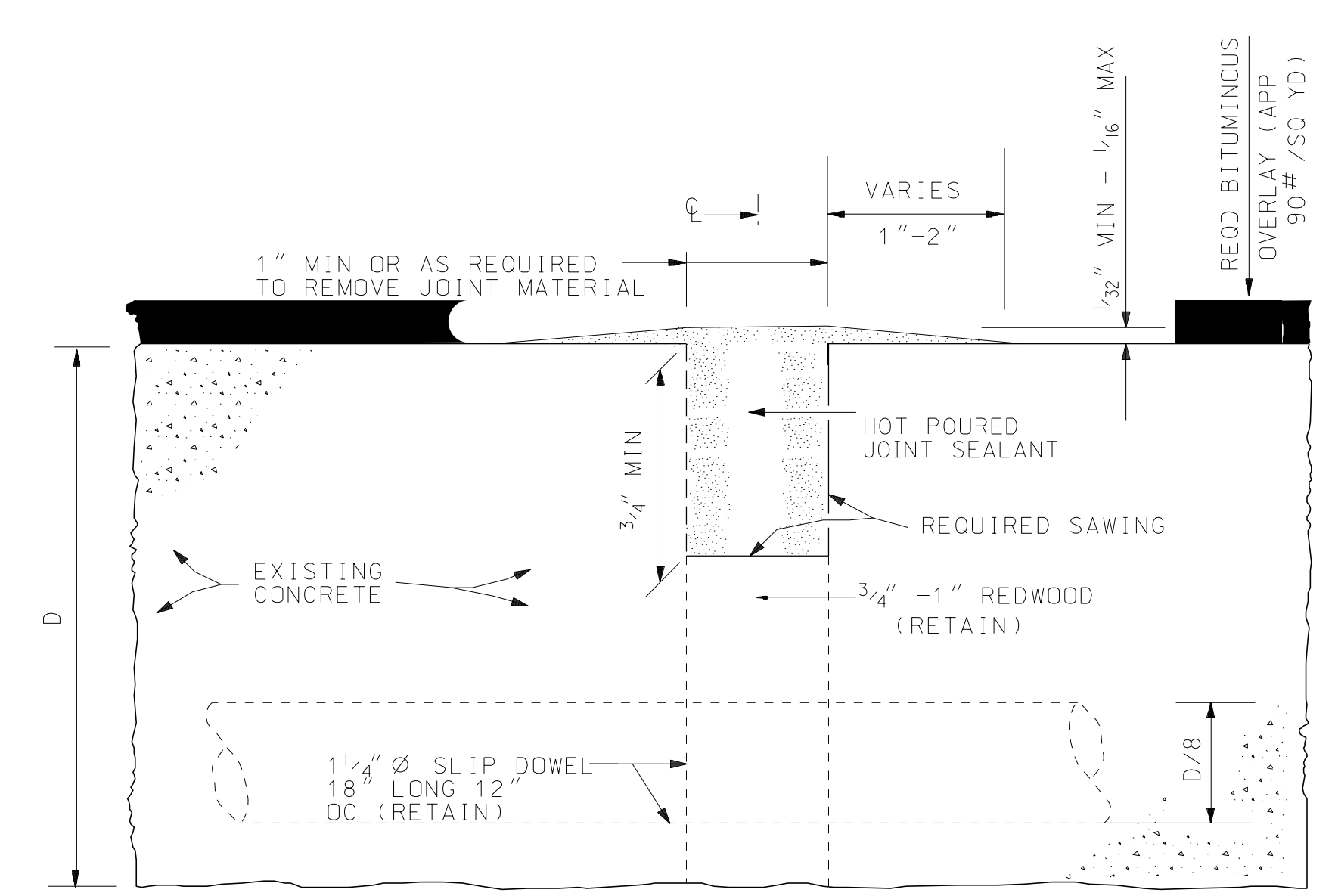
SPECIAL DRAWING NO
JC-454 (SHEET 1 OF 2)

INDEX NO
45401

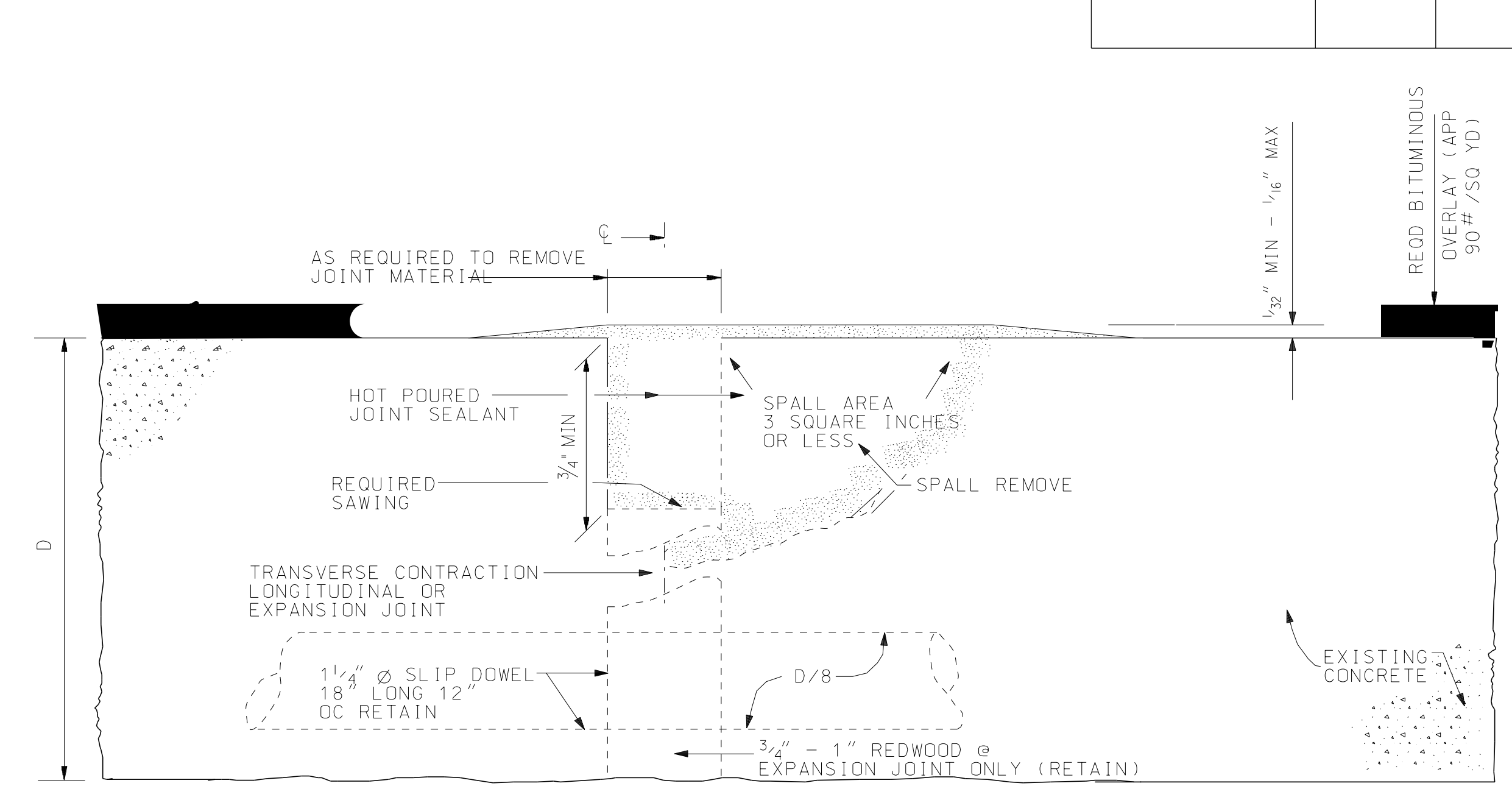
NOT TO SCALE



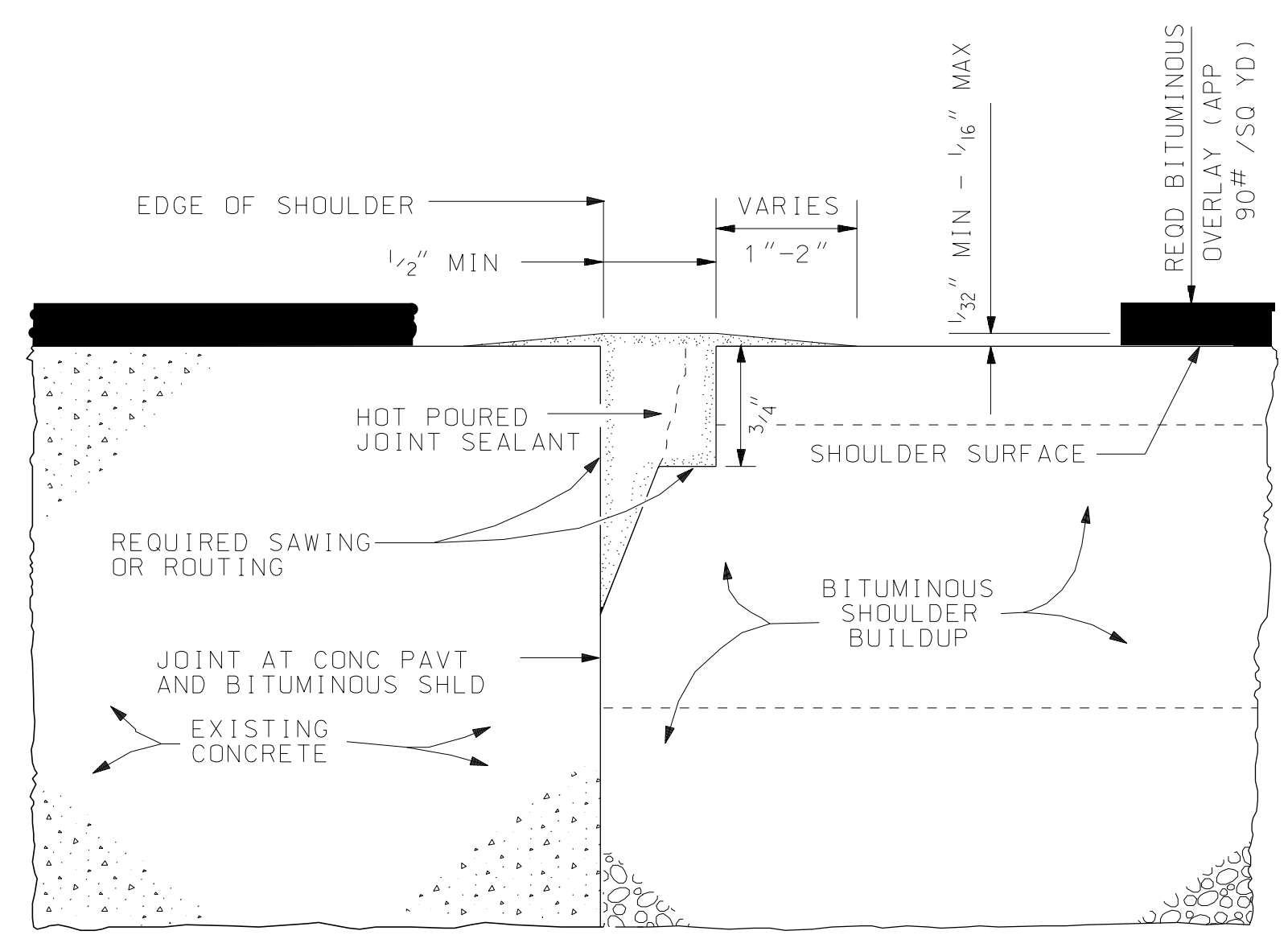
TRANSVERSE CONTRACTION & LONGITUDINAL JOINT SEAL



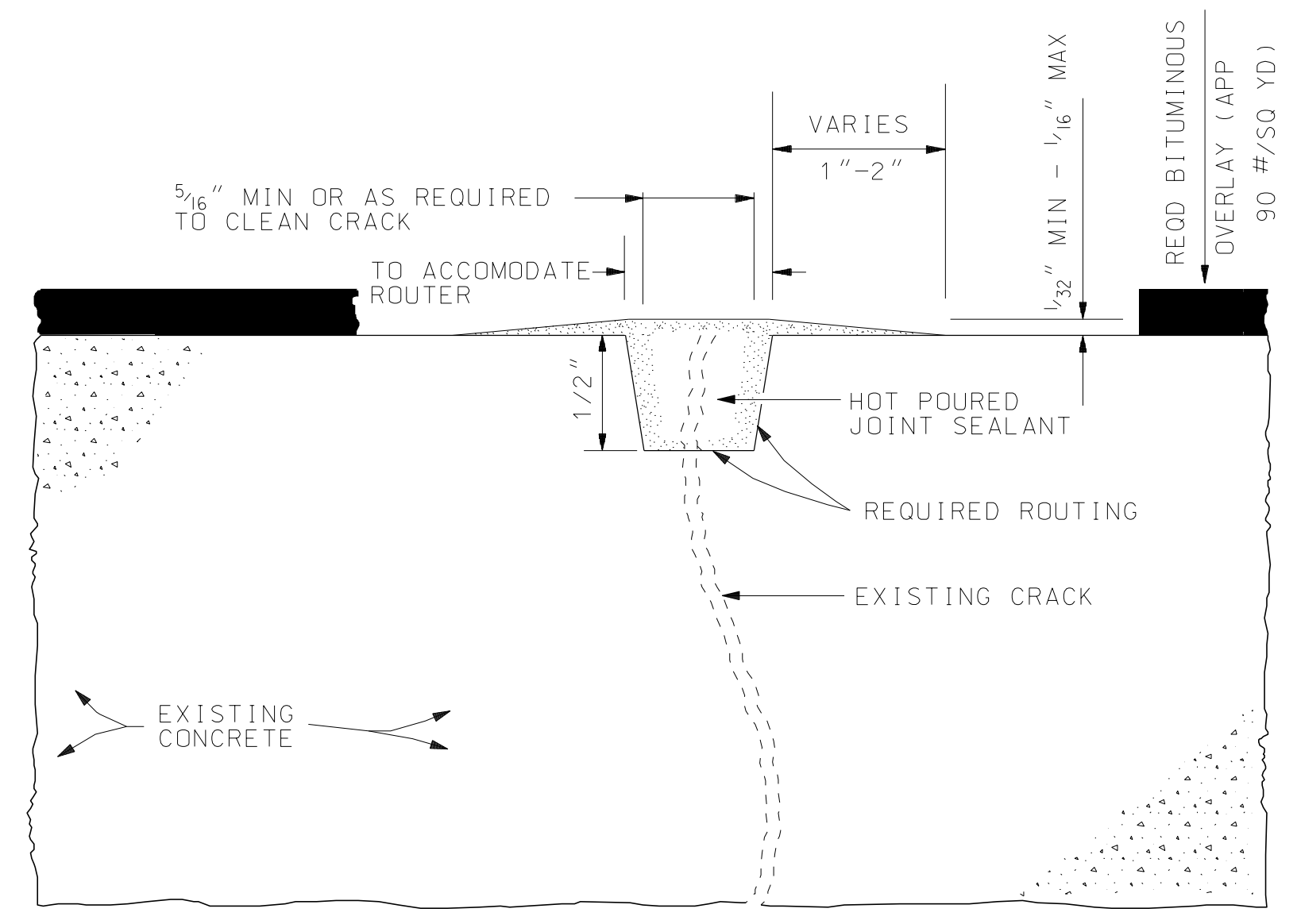
TRANSVERSE EXPANSION JOINT SEAL



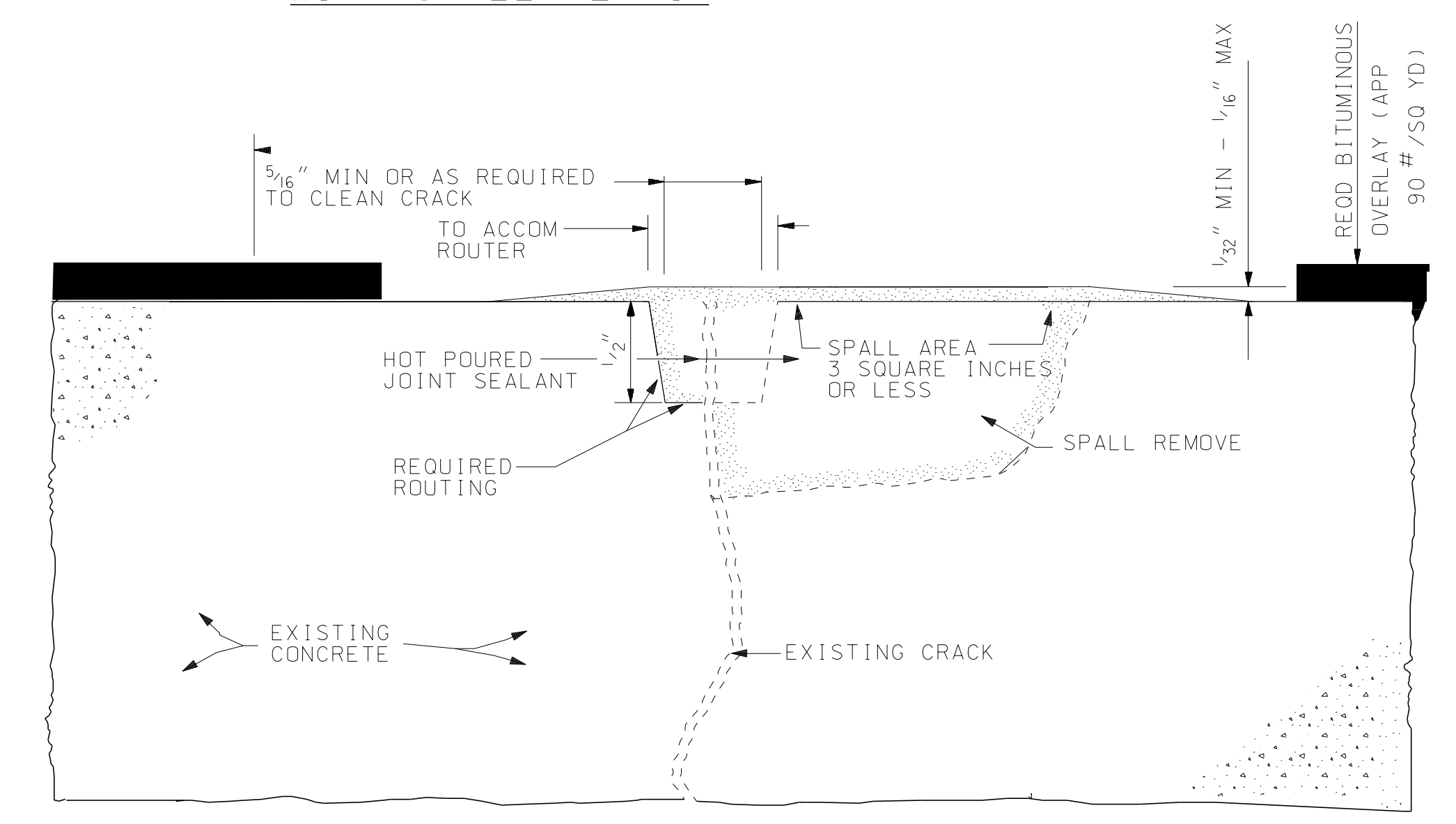
TRANSVERSE JOINT SEAL WITH SPALL REPAIR



EDGE OF PAVEMENT AND SHOULDER JOINT SEAL



CRACK SEAL



CRACK SEAL WITH SPALL REPAIR

NOTES:

1. DEPTH AND WIDTH OF TRANSVERSE AND LONGITUDINAL JOINTS SHOWN ARE TYPICAL. THE EXISTING JOINT SHALL BE CLEANED OF EXISTING JOINT MATERIAL INCLUDING BACKER ROD AND FILLED WITH SEALANT AS SHOWN REGARDLESS OF THE ACTUAL JOINT WIDTH AND DEPTH.
2. SPALL REPAIR: AREAS 3 SQUARE INCHES OR LESS SHALL BE CLEANED AND FILLED WITH THE JOINT SEAL MATERIAL. LARGER SPALLS SHALL GENERALLY REQUIRE SLAB REMOVAL.

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REVISIONS
1. Added to CADD on 04-04-99 by J.F.T.
2. Reworked sheets notes, changed sheet description, removed water proof membrane & set up sealant to replace Bit. plant mix in spalls on 05-20-05 by W.W.A.

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DESIGN BUREAU SPECIAL DRAWING
TYPE - II
EXISTING CONCRETE PAVEMENT JOINT AND CRACK SEAL W/APPROX. 1" BITUMINOUS OVERLAY

SPECIAL DRAWING NO
JC-454 (SHEET 2 OF 2)

INDEX NO
45402

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 01-07-86

NOT TO SCALE