

CITY OF FRASER

TYPICAL REPAIR AND REPLACEMENT STANDARDS PAVEMENT, CURB, SIDEWALK AND DRIVE APPROACHES JULY 2000

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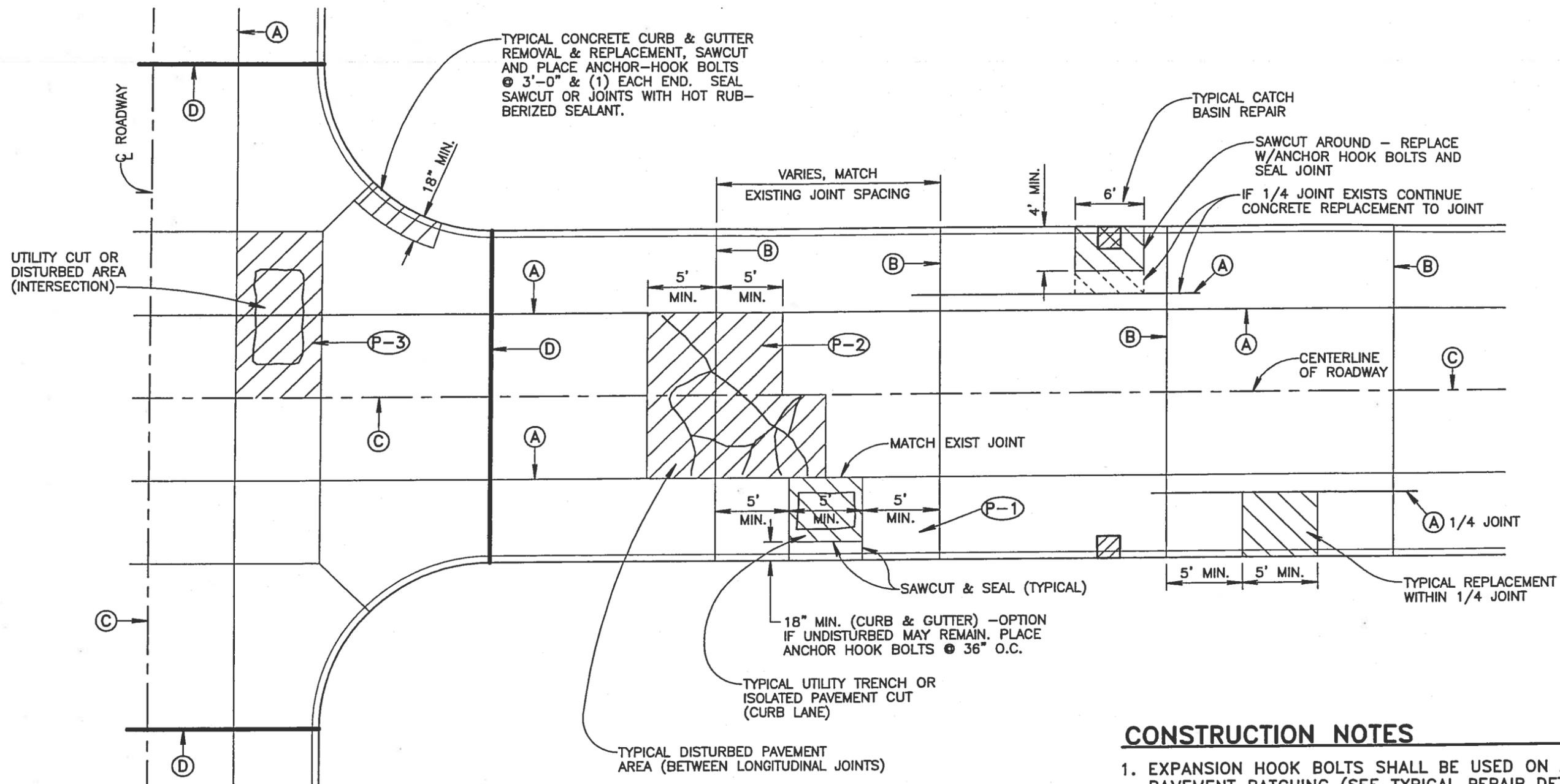
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CITY OF FRASER
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CONCRETE PAVEMENT REPAIRS

- (P-1) MATCH LONGITUDINAL JOINTS 5' MIN. DISTANCE FROM END OF SAWCUT TO TRAVERSE JOINT.
- (P-2) 5' MIN. BETWEEN ANY SAWCUT OR JOINT LINE.
- (P-3) INTERSECTIONS - ALL DISTURBED PAVEMENT SHALL BE REPLACED FROM JOINT TO JOINT.

JOINTS

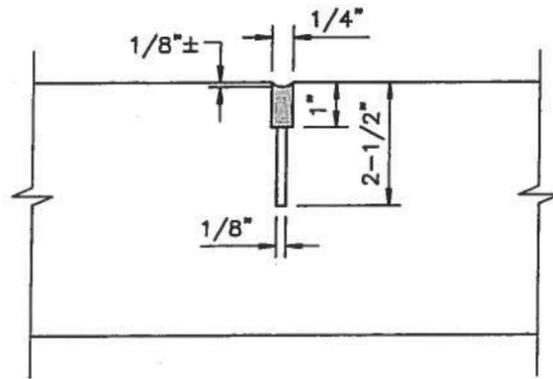
- (A) LONGITUDINAL SAWED OR CONSTRUCTION JOINT
- (B) TRAVERSE SAWED CONTRACTION JOINT
- (C) CENTERLINE OF ROADWAY OR CENTERLINE JOINT
- (D) 1" EXPANSION JOINT

CONSTRUCTION NOTES

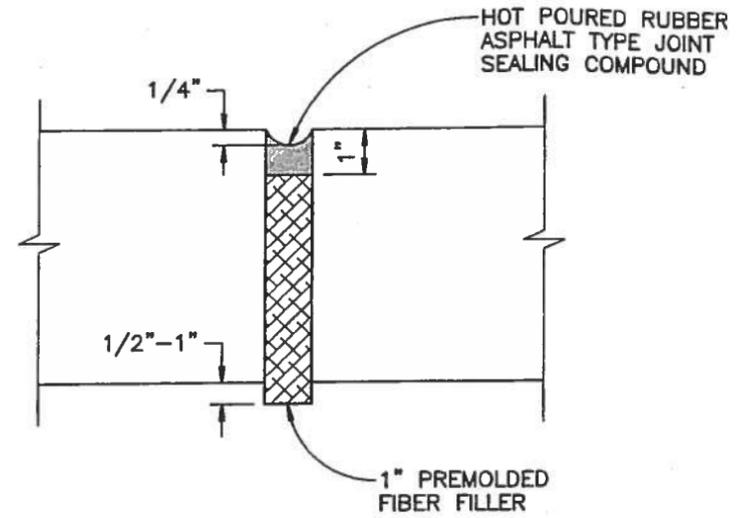
1. EXPANSION HOOK BOLTS SHALL BE USED ON ALL PAVEMENT PATCHING (SEE TYPICAL REPAIR DETAILS)
2. ALL REMOVED CONCRETE PAVEMENT SECTIONS SHALL BE SAWCUT FULL DEPTH.
3. ALL REPLACEMENT JOINTS SHALL BE SAWCUT OR PREMOLDED CONSTRUCTION (NO TOOL JOINTS ALLOWED) EDGE ALL NEW CONCRETE.

TYPICAL PAVEMENT REPAIRS AND JOINT STANDARDS

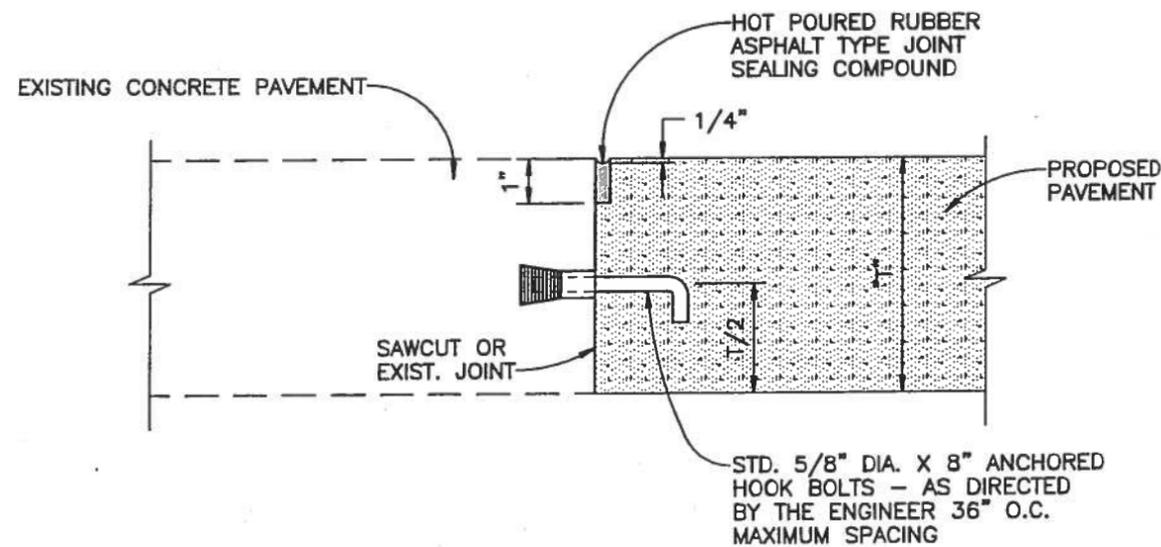
NOTE: MAY APPLY TO LONGITUDINAL JOINT (A) OR (C) IF REPLACEMENT CONCRETE EXTENDS BEYOND EXPANSION ANCHOR HOOK BOLTS.



(C) TRAVERSE PLANE OF WEAKNESS JOINT

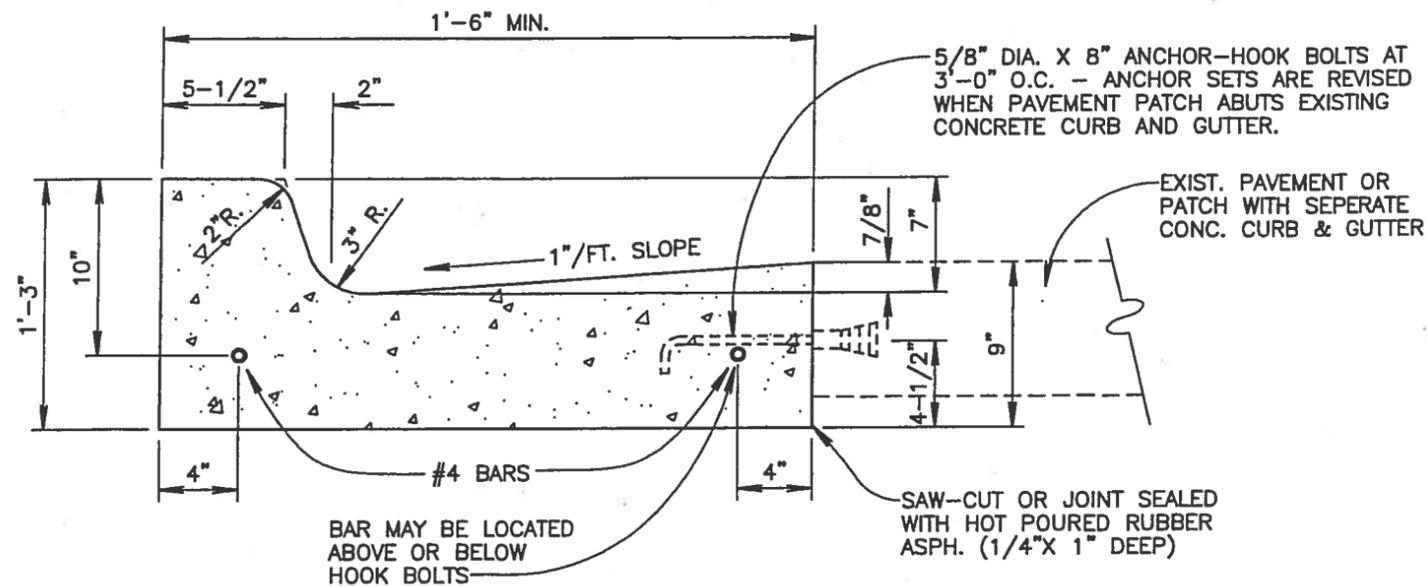


(D) EXPANSION JOINT

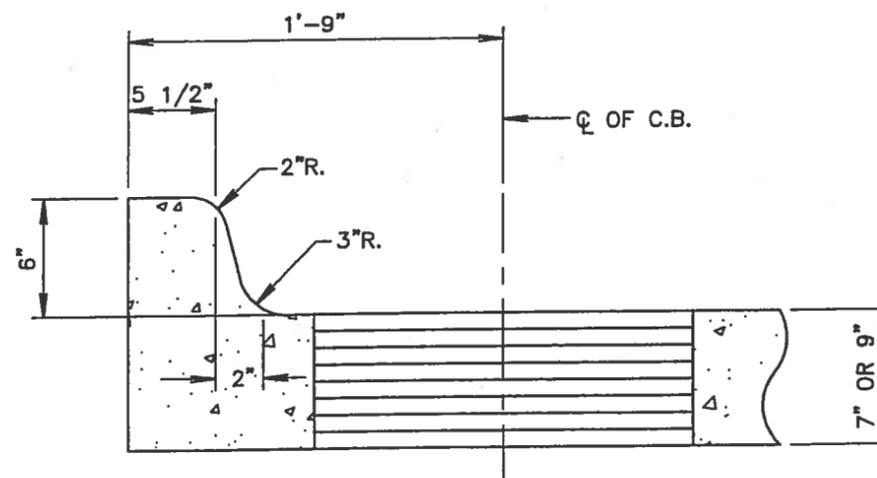


(A) & (B) CONSTRUCTION JOINTS

TYPICAL PAVEMENT JOINT DETAILS

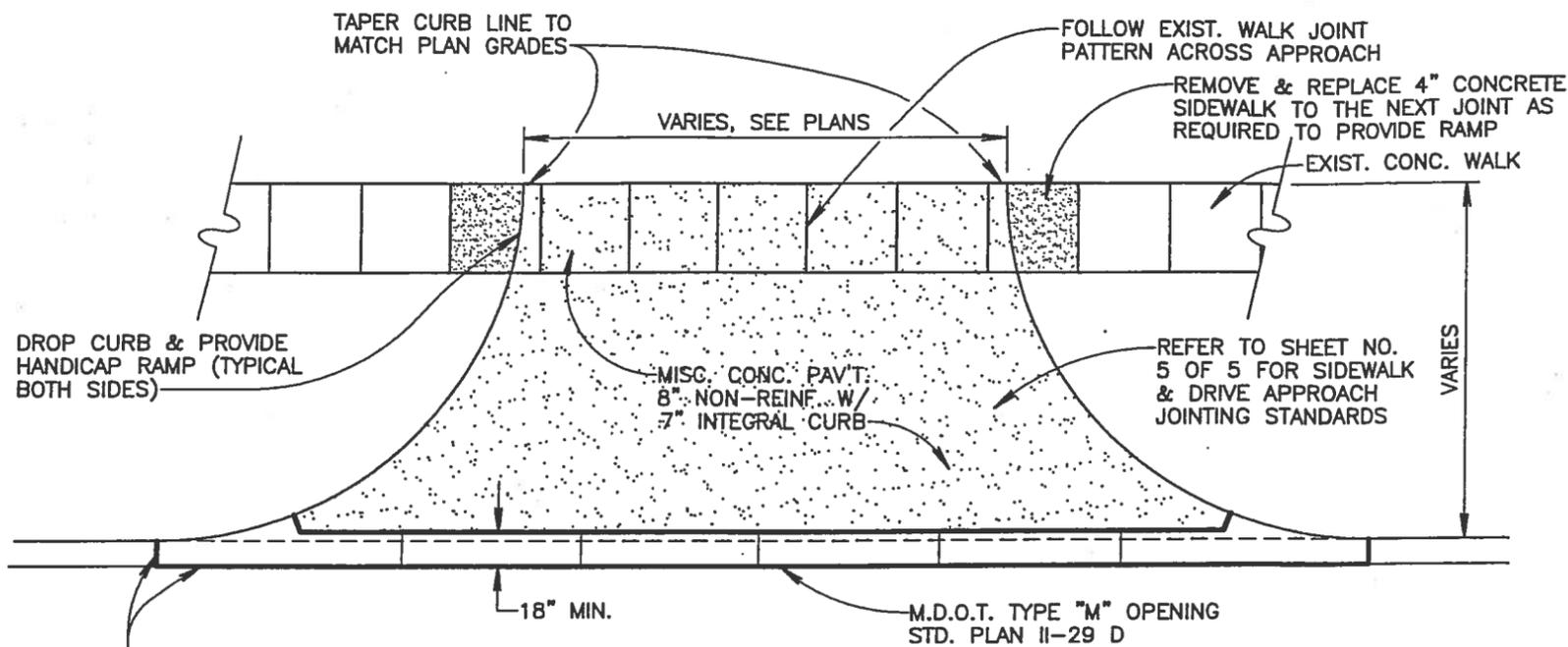


TYPICAL CONCRETE CURB AND GUTTER DETAIL



6" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT (TYPICAL)

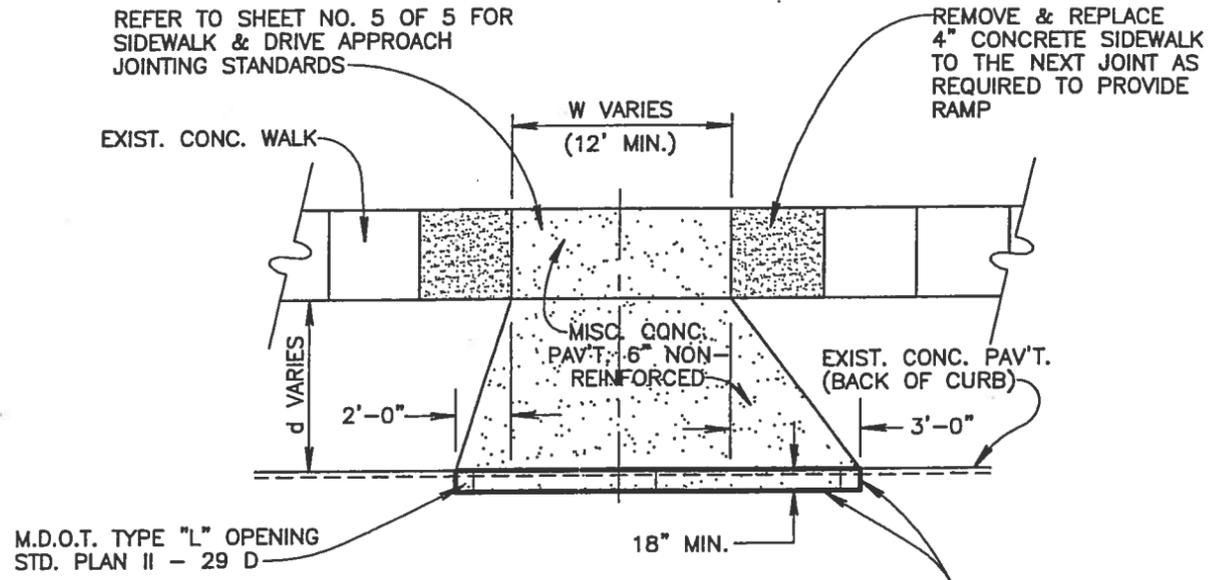
TYPICAL CURB DETAILS



SAWCUT, REMOVE EXIST. CONC. CURB AND PLACE 5/8" X 8" ANCHOR HOOK BOLTS @ 3'-0" O.C. & (1) EACH END. SEAL SAWCUT AND JOINTS WITH HOT RUBBERIZED SEALANT.

NEW COMMERCIAL DRIVEWAY LAYOUT

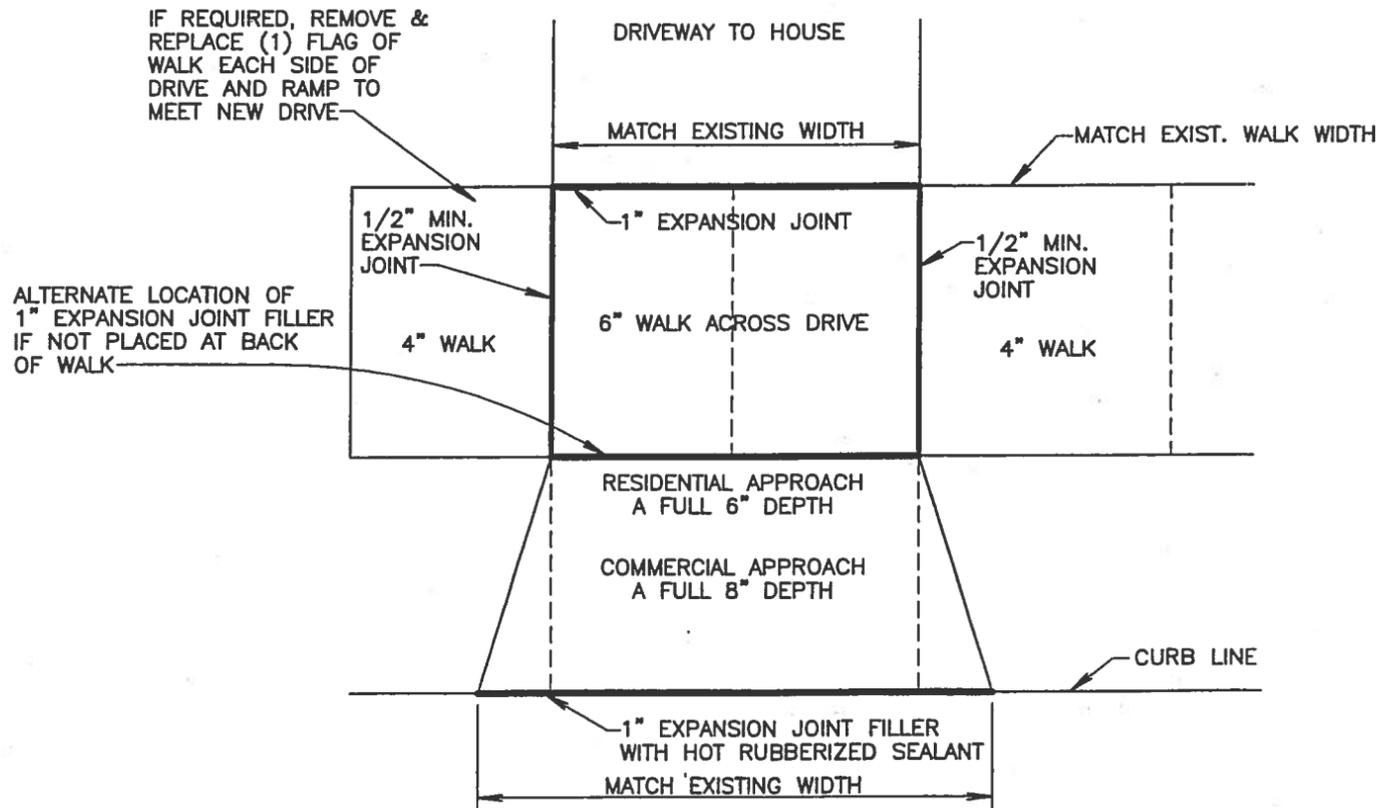
NO SCALE



SAWCUT, REMOVE EXIST. CONC. CURB AND PLACE 5/8" ANCHOR-HOOK BOLTS @ 3'-0" O.C. & (1) EACH END. SEAL SAWCUT AND JOINTS WITH HOT RUBBERIZED SEALANT.

NEW RESIDENTIAL DRIVEWAY LAYOUT

NO SCALE



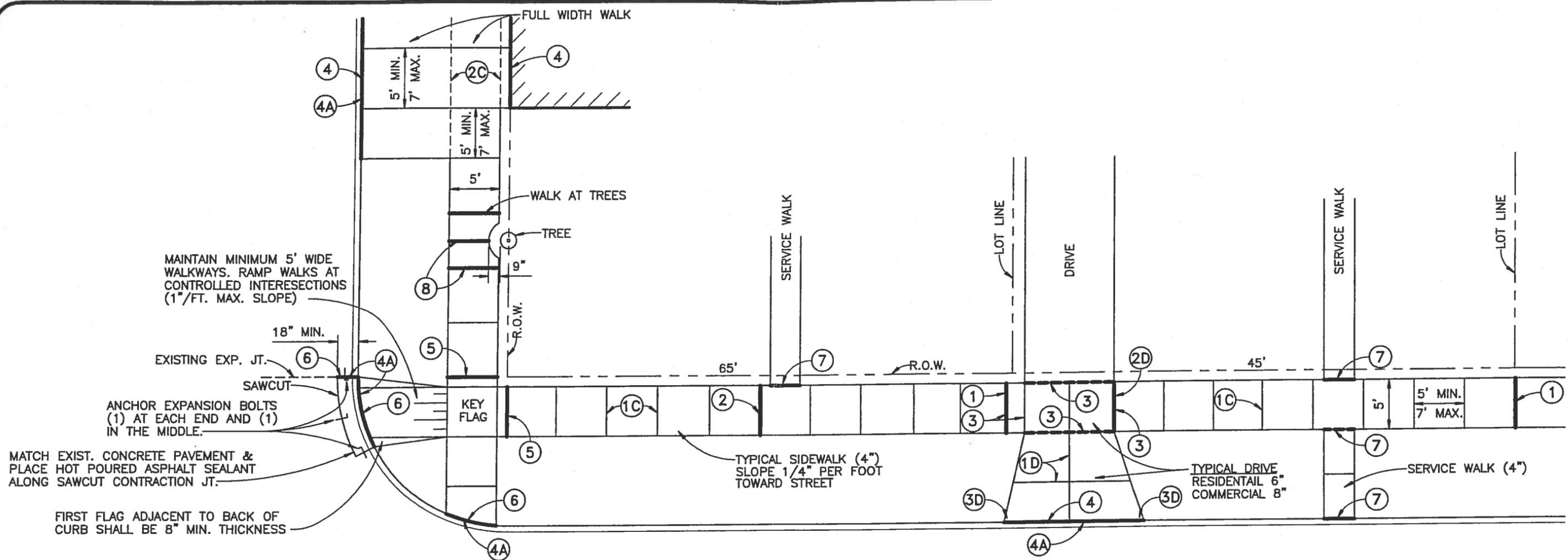
REMOVAL AND REPLACEMENT OF EXISTING DRIVE APPROACH

NO SCALE

TYPICAL DRIVE APPROACH DETAILS

DATE: 5-24-2000 FILE: G:\190\190-002\DWG\SH1

DATE: 5-24-2000 FILE: G:\190\190-002\DWG\SHT-5 PLOT SCALE: 1"=1'



*** EXPANSION JOINTS**

- ① PLACE 1/2" FIBER EXP. JOINT FILLERS AT LOT LINES WHEN LOTS ARE 50' OR LESS.
- ② ADDITIONAL 1/2" FIBER EXP. JOINT FILLERS FOR LOTS GREATER THAN 50', NOT TO EXCEED 50' INTERVALS.
- ③ PLACE 1/2" FIBER EXP. JOINT FILLERS EACH SIDE, IF EDGE OF DRIVE IS WITHIN 2' OF LOT LINES PLACE EXPANSION PAPER AT PROPERTY LINE.
- ④ PLACE 1" FIBER EXP. JOINT FILLERS AT CURB AND BUILDING OR R.O.W. LINE.
- ④A AT CURB LINE, EXPANSION JOINTS SHALL BE SEALED WITH HOT RUBBERIZED SEALANT.
- ⑤ PLACE 1/2" FIBER EXP. JOINT FILLERS AT R.O.W. LINES OF CROSS-WALKS.
- ⑥ PLACE 1" FIBER EXP. JOINT FILLERS AT INTERSECTIONS OF CURB RADIUS AND IN LINE WITH EXISTING JOINTS.
- ⑦ PLACE 1/2" FIBER EXP. JOINT FILLER AT INTERSECTION OF SERVICE WALK & CURB ALSO AT SERVICE WALK & WALK.

- ⑧ PLACE 1/2" FIBER EXP. JOINT FILLERS AT EITHER SIDE OF SIDEWALK ABUTTING TREE AND AT CENTERLINE JOINT.

CONTRACTION JOINTS

- ①C PLACE CONTRACTION JOINTS AT INTERVALS NOT LESS THAN 5' OR GREATER THAN 7', FULL WIDTH OF WALK. JOINT DEPTH SHALL BE 1/4" THICKNESS OF CONCRETE.
- ②C PLACE CONTRACTION JOINTS AT WALK LINES FOR FULL WIDTH SIDEWALK.

DRIVEWAYS

- ①D PLACE CONTRACTION JOINTS SO THAT NO SECTION OF THE CONCRETE DRIVEWAY EXCEEDS A DIMENSION OF 15'x15'.
- ②D PLACE 1" FIBER EXPANSION FILLER AT ALL SIDES OF A COMMERCIAL DRIVE.
- ③D WIDTH OF APPROACH AT STREET SHOULD BE MIN. 2' WIDER THAN WIDTH AT SIDEWALK, EACH SIDE.

* FIBER EXPANSION JOINT FILLERS SHALL BE FULL DEPTH

NOTES

- 1. CONCRETE WORK NOT CONSTRUCTED UNDER THE CITY'S CONTRACTOR, MUST BE DONE UNDER A PERMIT, SECURED THROUGH THE CITY'S BUILDING DEPARTMENT.
- 2. NO CONCRETE SHALL BE PLACED UNTIL A PRE-CHECK HAS BEEN REQUESTED BY THE CONTRACTOR OR HOME-OWNER AND APPROVED BY THE CITY'S ENGINEERING DEPARTMENT AT LEAST (8) HOURS IN ADVANCE, FINAL INSPECTION IS ALSO REQUIRED AT PLACEMENT OF CONCRETE.
- 3. ALL WORK SHALL CONFORM TO THE CITY'S STANDARDS & SPECIFICATIONS AVAILABLE THRU THE BUILDING DEPARTMENT.
- 4. HANDICAP RAMP SHALL MEET PAVEMENT GUTTER ELEVATION. NO LIP PERMITTED.

SIDEWALK & DRIVE APPROACH JOINTING STANDARDS