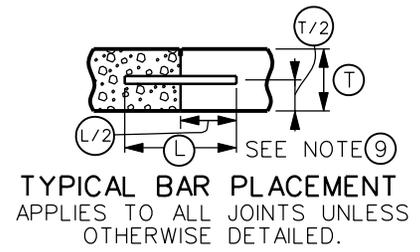
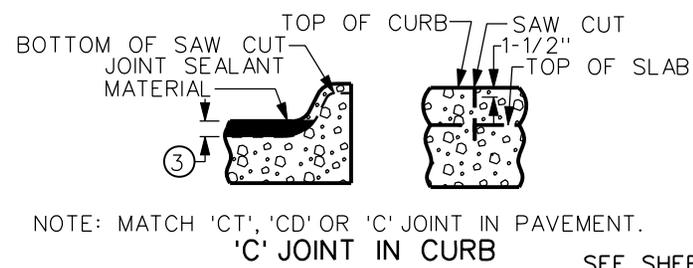
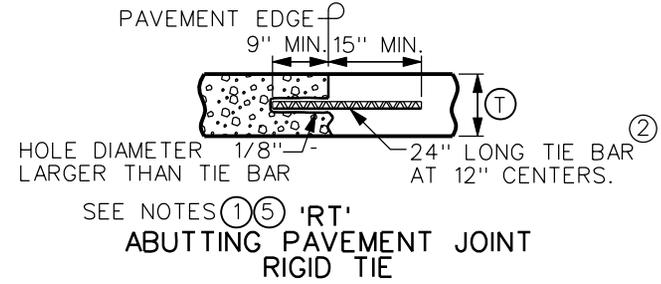
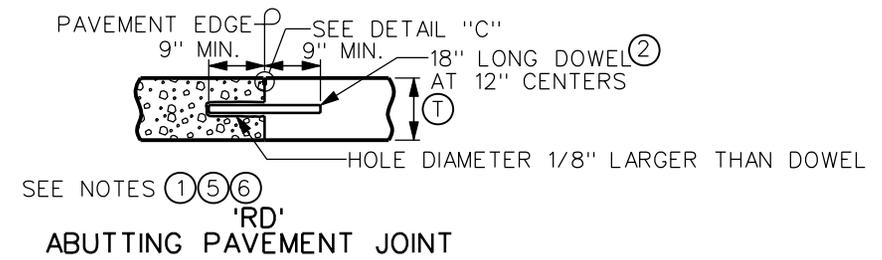
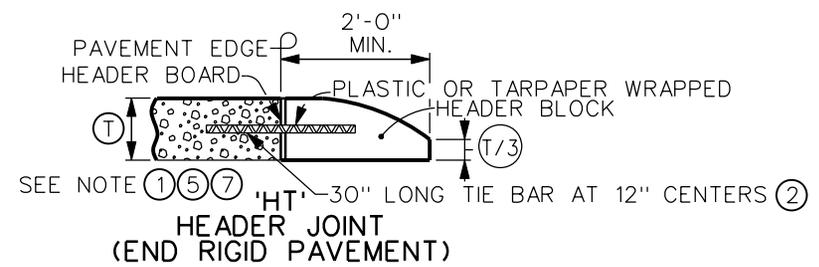
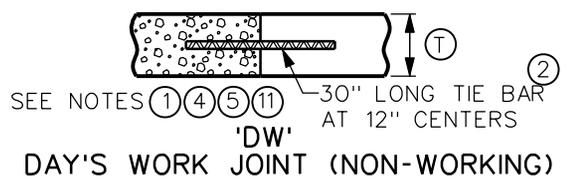
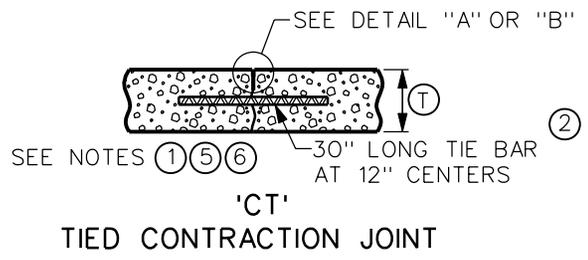
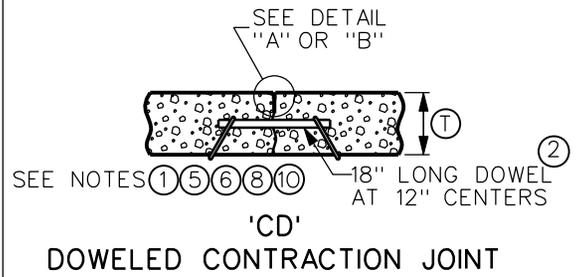
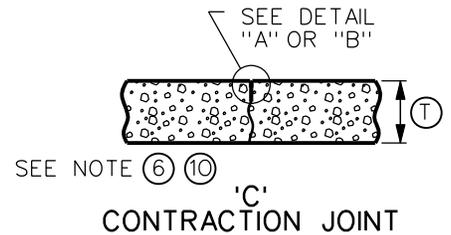
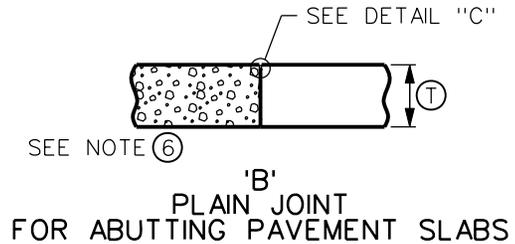


REV. 3  
DATE 10/17/06  
BY

JOINTS (TRANSVERSE CONTRACTION)

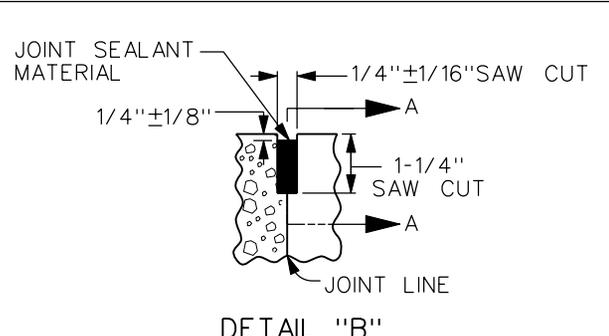
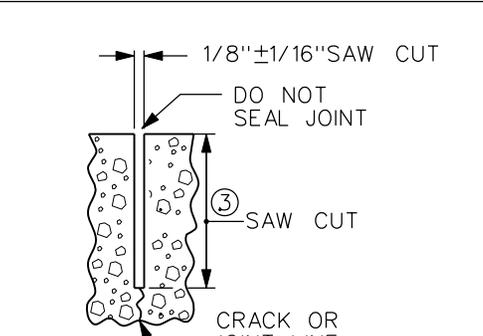
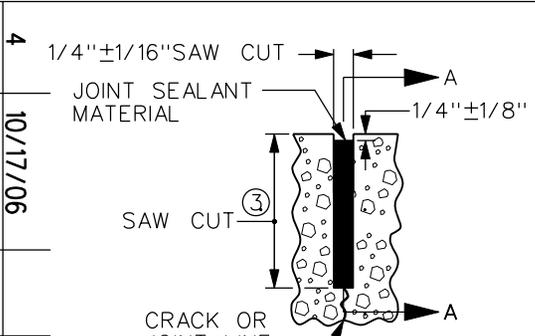
FIGURE: 7010.4A  
SHEET 1 OF 2



SEE SHEET 2 FOR DETAILS AND GENERAL NOTES.

| BAR SIZE TABLE |      |                |        |
|----------------|------|----------------|--------|
| T              | < 8" | ≥ 8" BUT < 10" | ≥ 10"  |
| DOWEL SIZE     | 3/4" | 1-1/4"         | 1-1/2" |
| TIE BAR SIZE   | *6   | *10            | *11    |

REV. 4  
DATE 10/17/06  
BY



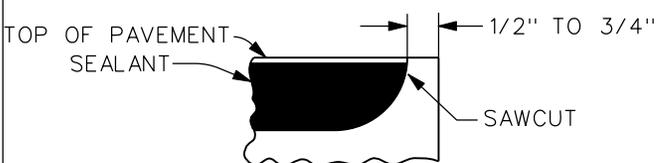
OPTION 1

OPTION 2

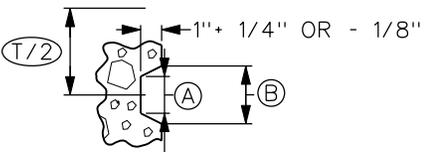
DETAIL "B"

USE ONLY UPON APPROVAL OF JURISDICTIONAL ENGINEER

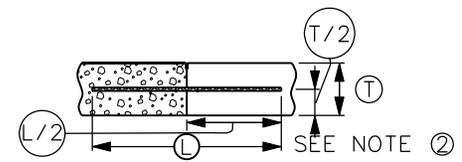
DETAIL "A"



SECTION A-A  
DETAIL AT EDGE OF PAVEMENT



DETAIL "C"



TYPICAL TIE BAR PLACEMENT  
APPLIES TO ALL JOINTS UNLESS OTHERWISE DETAILED.

| KEYWAY DIMENSIONS |                    |        |        |
|-------------------|--------------------|--------|--------|
| KEYWAY TYPE       | PAVEMENT THICKNESS | (A)    | (B)    |
| STANDARD          | 8" OR GREATER      | 1-3/4" | 2-3/4" |
| NARROW            | LESS THAN 8"       | 1"     | 2"     |

NOTES:

- ① BAR SUPPORTS MAY BE NECESSARY FOR FIXED FORM PAVING, SUBJECT TO THE JURISDICTIONAL ENGINEER'S APPROVAL, TO ENSURE THE BAR REMAINS IN A HORIZONTAL POSITION IN THE PLASTIC CONCRETE.
- ② WHEN TYING INTO EXISTING PAVEMENT, (T) REPRESENTS THE DEPTH OF SOUND PORTLAND CEMENT CONCRETE.
- ③ DEPTH OF SAWCUT SHALL BE T/3.
- ④ PLACE TIE BARS ACCORDING TO SECTION 7010, 3.04. FOR EXISTING PAVEMENT, SEE SECTION 7010, 2.02 FOR EPOXY REQUIREMENTS.
- ⑤ THE FOLLOWING JOINTS ARE INTERCHANGEABLE, SUBJECT TO THE POURING SEQUENCE:  
'KT-1', 'BT-1', AND 'L-1'  
'KT-2' AND 'L-2'  
'KT-3' AND 'L-3'
- ⑥ TOOL JOINT. SAWING AND SEALING OF JOINT NOT REQUIRED.

JOINTS (LONGITUDINAL CONTRACTION)

FIGURE: 7010.4B  
SHEET 2 OF 2