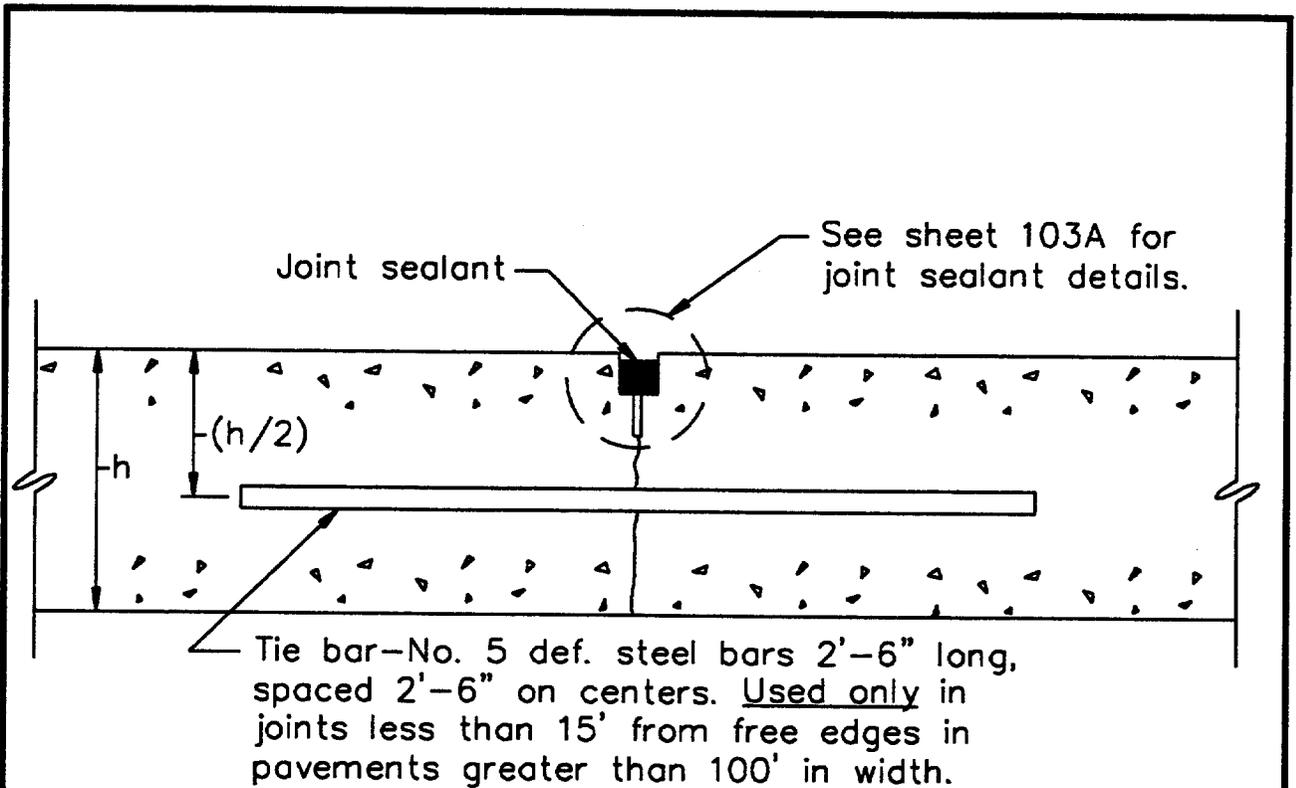
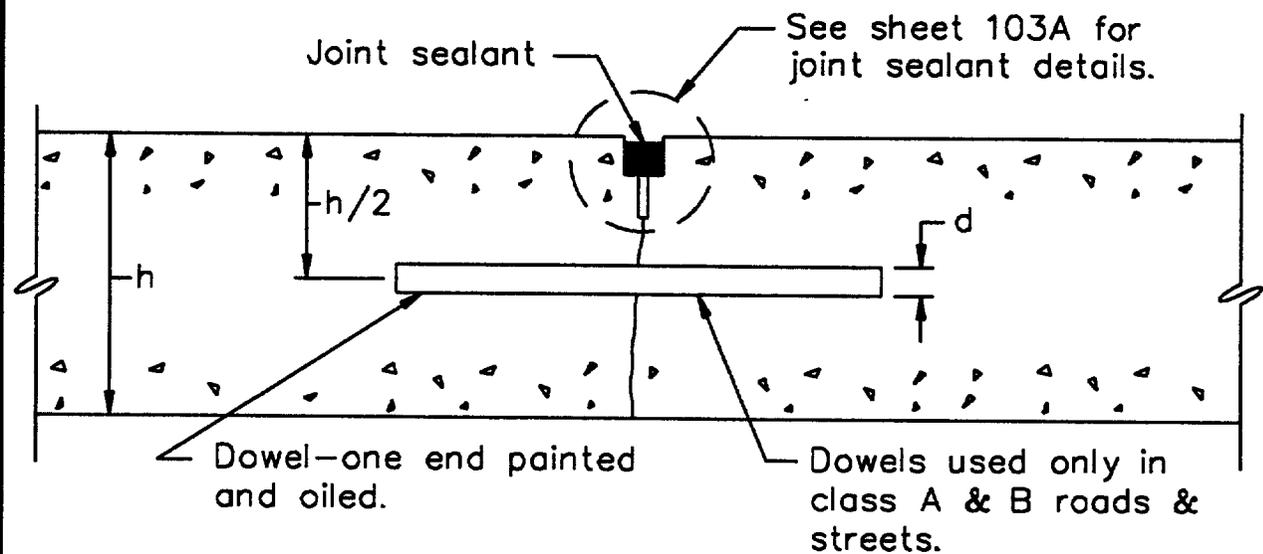


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



LONGITUDINAL



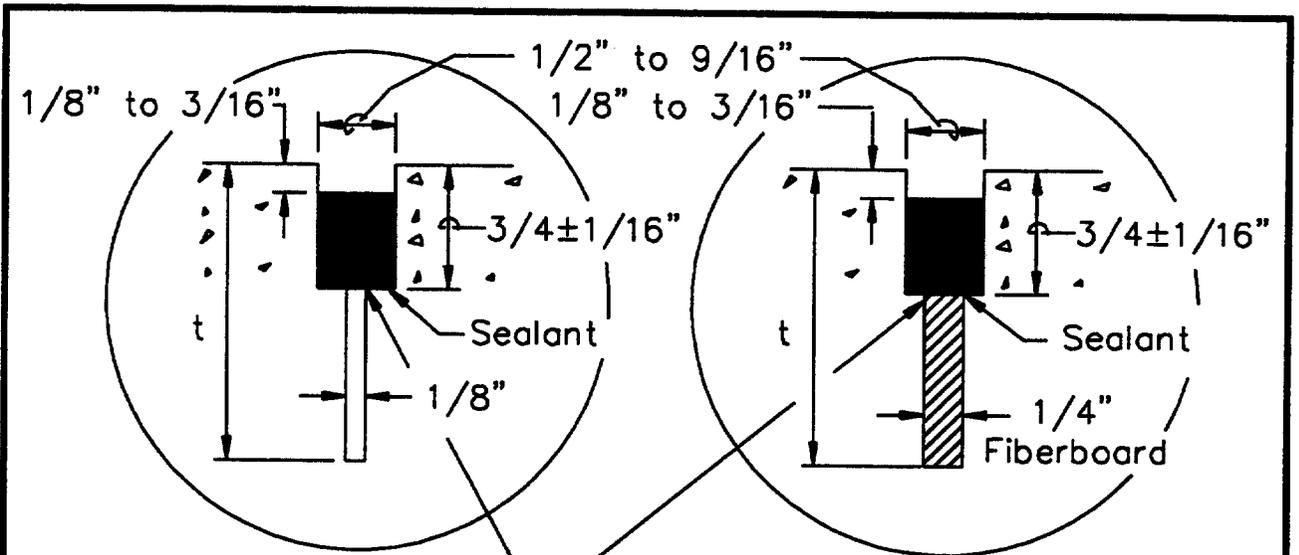
TRANSVERSE

NOTE:

Designer to refer to TM5-822-6 for design info.

CONTRACTION JOINTS

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

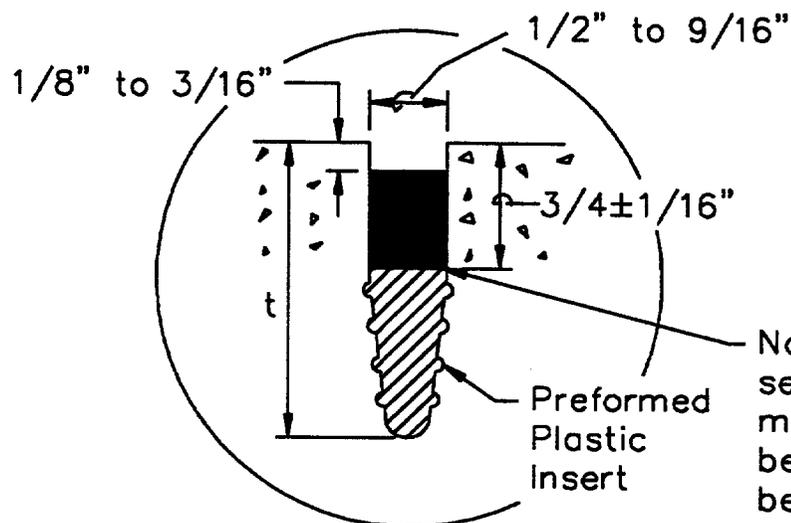


SAWED

Non-absorptive separation medium will be used between joint sealant & underlying material.

FIBERBOARD FILLER

NOTE: Only sawn contraction joints shall be used if slipform method of placement is chosen. When allowed, longitudinal contraction joints shall be sawn only.

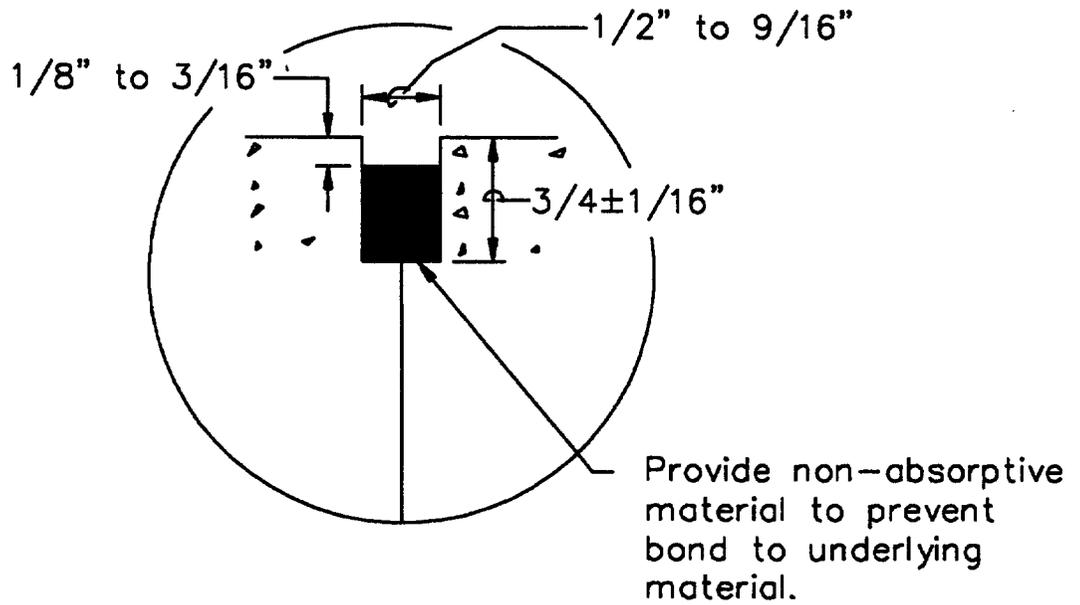


PREFORMED PLASTIC INSERT

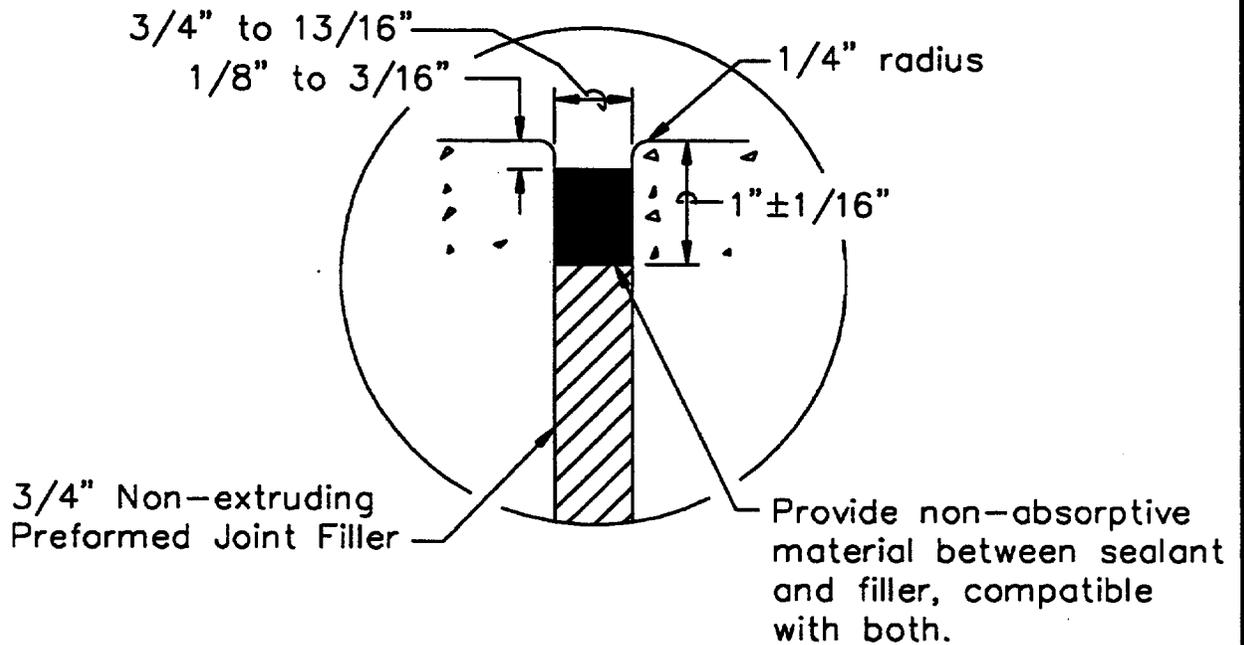
Non-absorptive separation medium will be used between joint sealant & underlying material.

CONTRACTION JOINTS  
POURED-IN-PLACE JOINT SEALANT

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



CONSTRUCTION JOINT SEALANT DETAIL

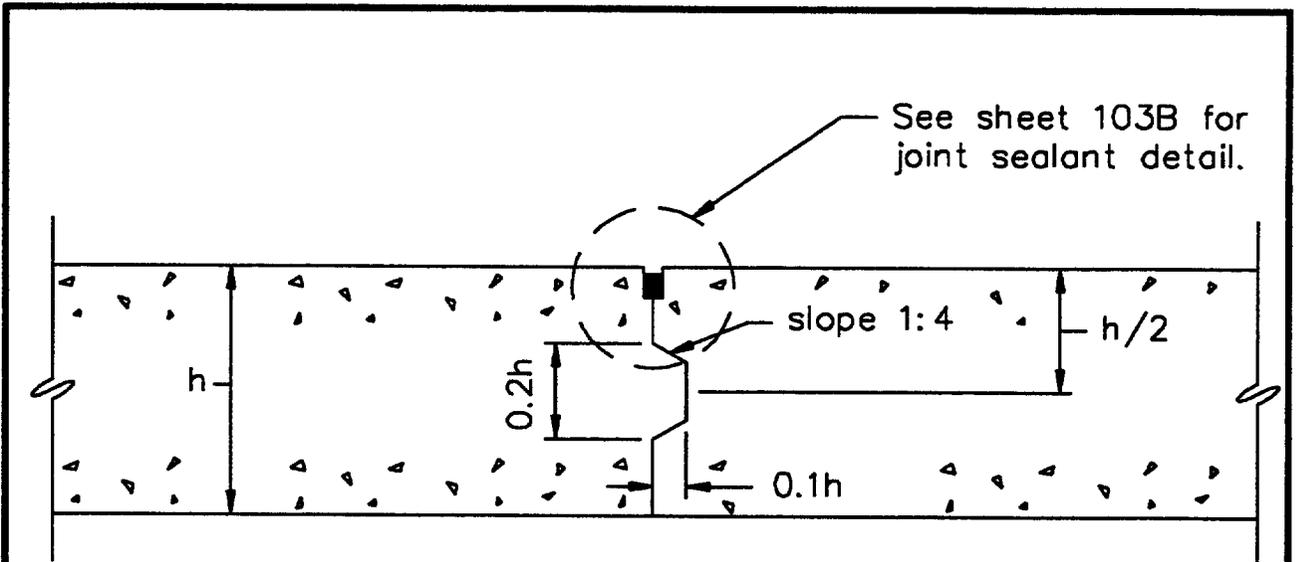


EXPANSION JOINT SEALANT DETAIL

EXPANSION JOINTS

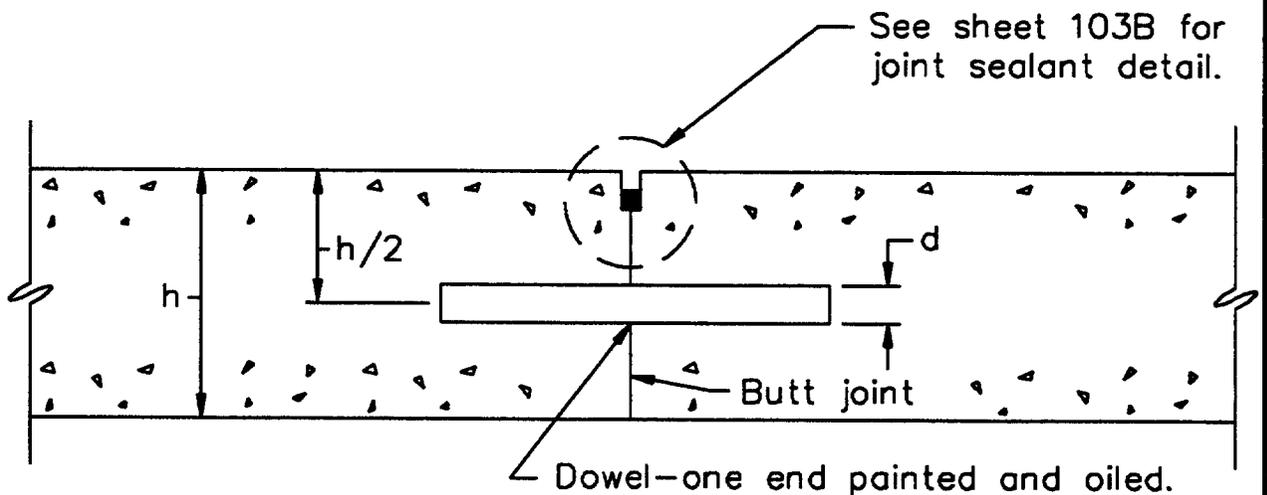
POURED-IN-PLACE JOINT SEALANT

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



(Limited to 9 inches or more in thickness.)

KEYED LONGITUDINAL



NOTE: See TM5-822-6, for design information.

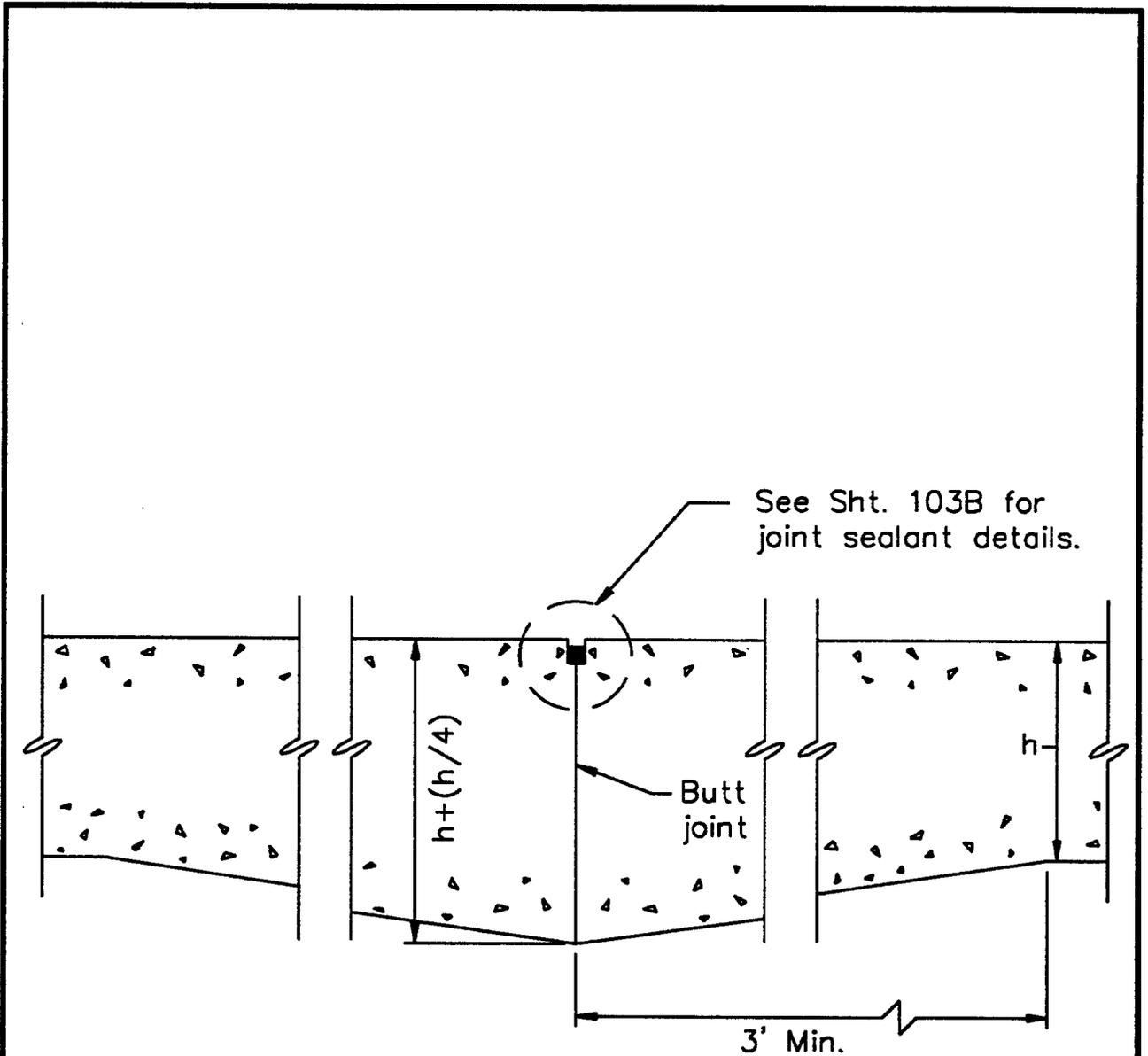
(Use only on pavements less than 9" thickness or Class A or B traffic.)

DOWELED TRANSVERSE  
OR LONGITUDINAL

CONSTRUCTION JOINTS

(KEYED or DOWELED)

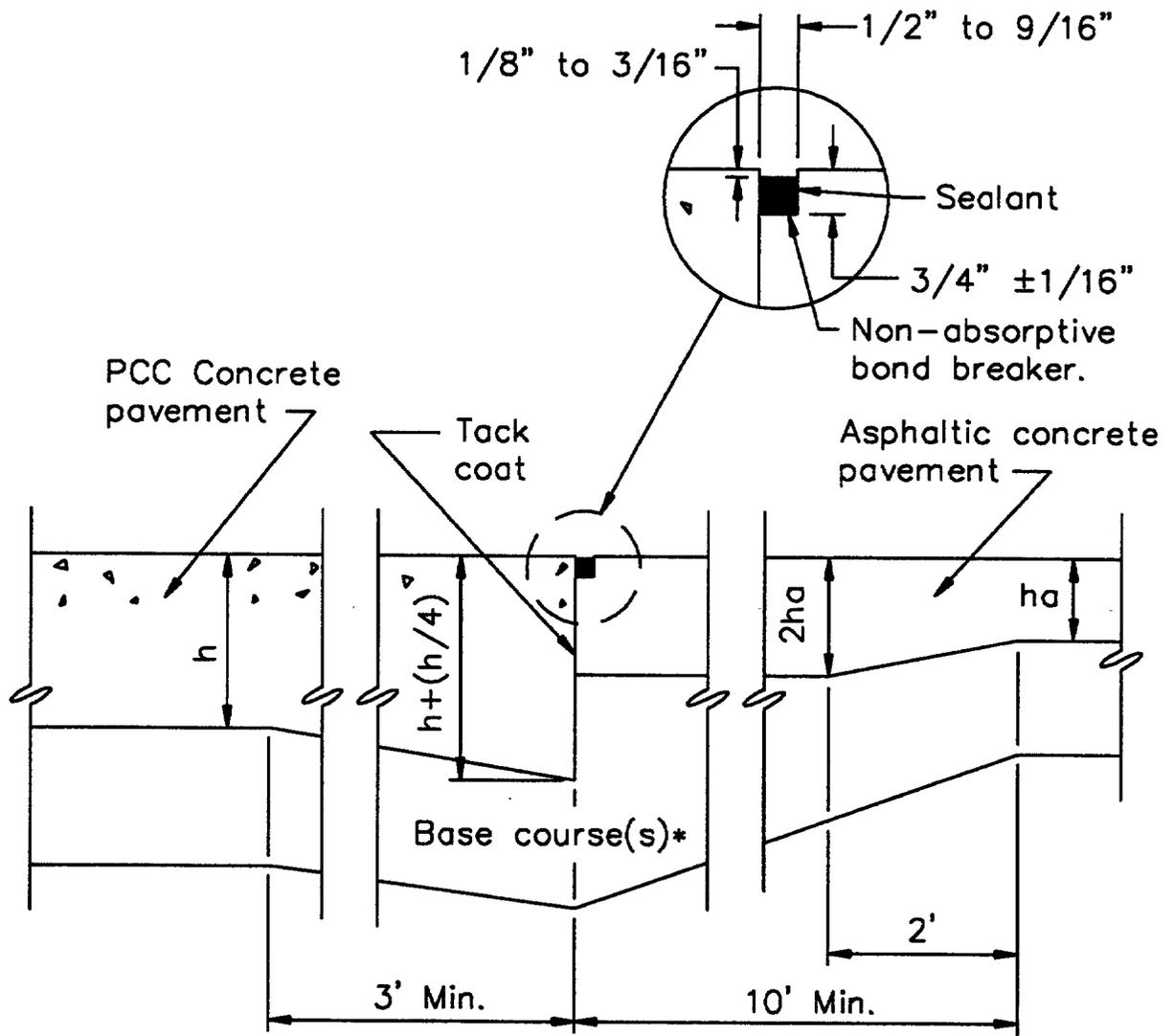
NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



(Not for general use. Use only under exceptional circumstances, with approval of Geotechnical Branch)

CONSTRUCTION JOINT  
(THICKENED EDGE LONGITUDINAL)

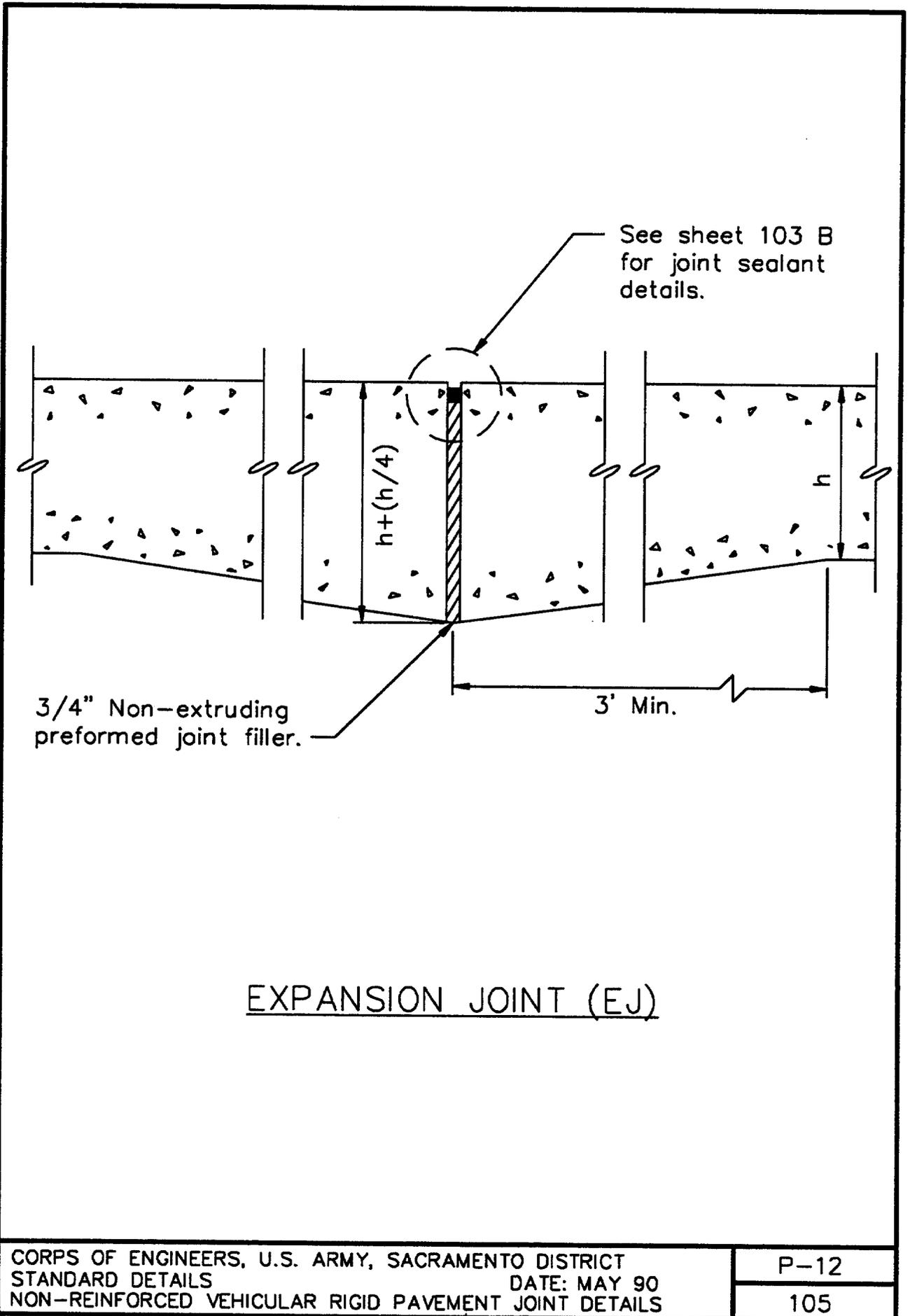
NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



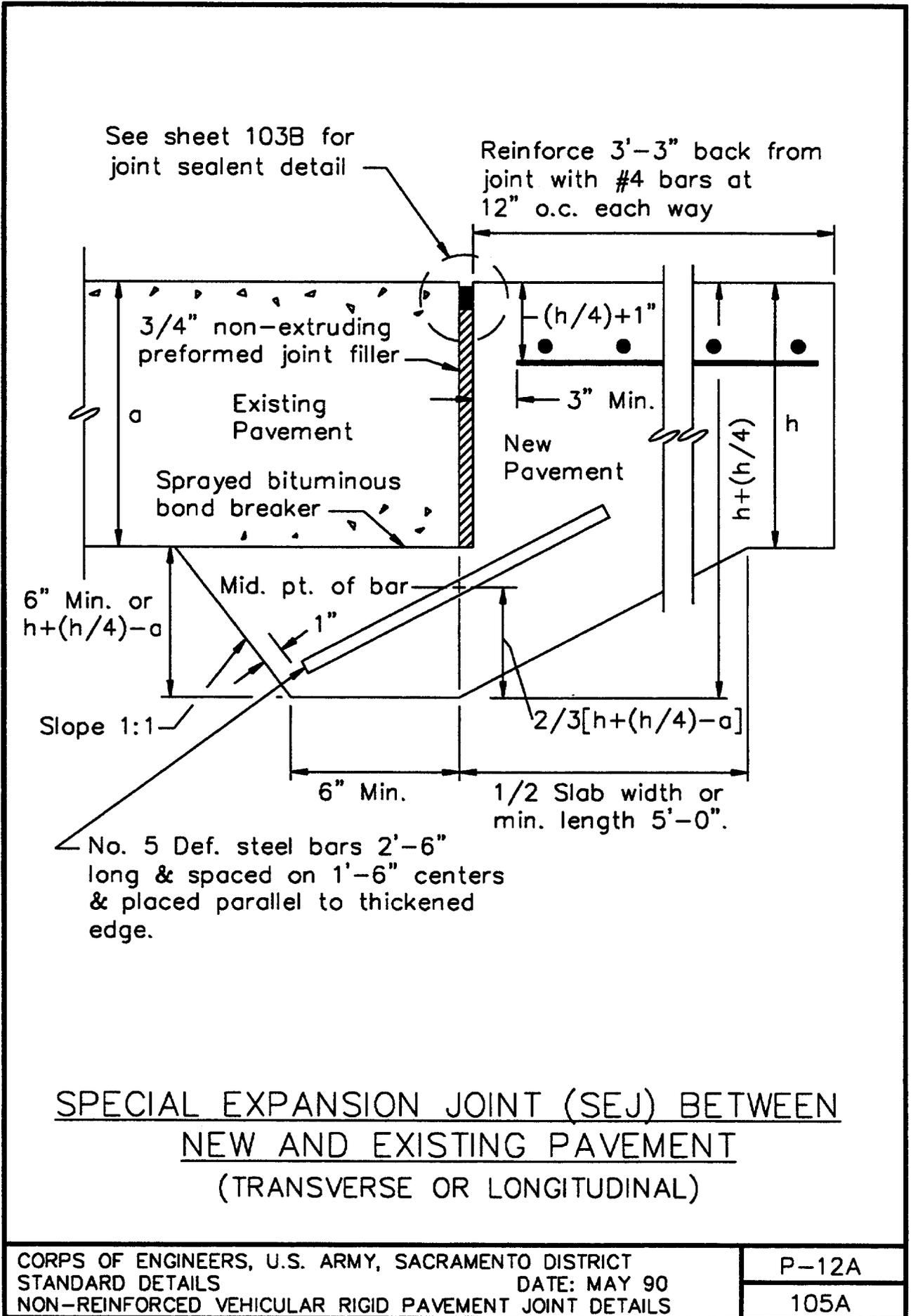
\*See geotechnical report for thickness of base course(s).

CONSTRUCTION JOINT  
(ASPHALTIC CONCRETE TO CONCRETE)

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

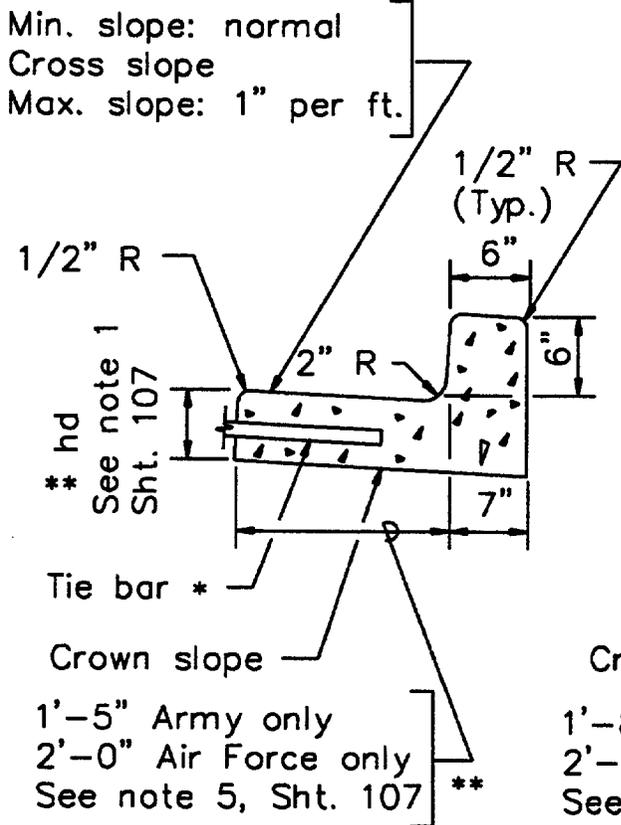


NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

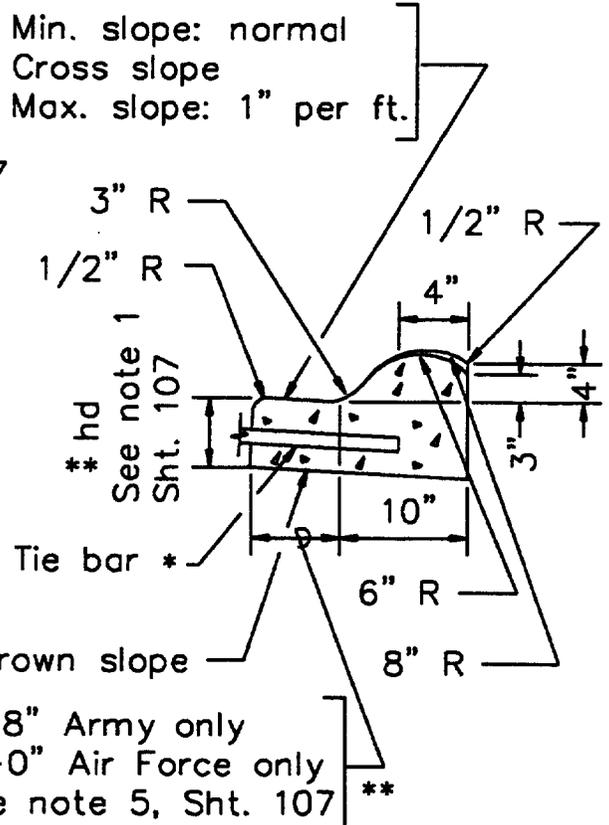


SPECIAL EXPANSION JOINT (SEJ) BETWEEN  
NEW AND EXISTING PAVEMENT  
 (TRANSVERSE OR LONGITUDINAL)

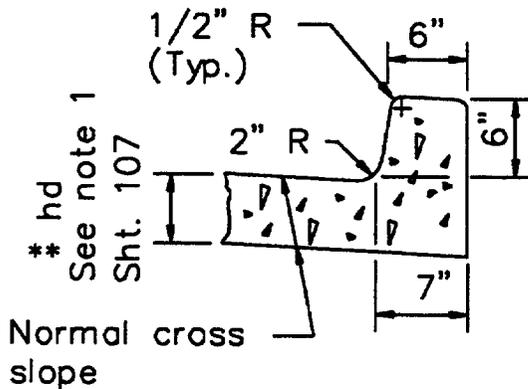
NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



TYPE I BARRIER



TYPE II MOUNTABLE



TYPE III BARRIER

NOTES:

- \* See note 2, Sht. 107
- \*\* Insert the appropriate dimension and delete other dimension and wording.

CURB AND GUTTER DETAILS  
(RIGID PAVEMENT)

## NOTES

1.  $h_d$  is thickness determined from rigid pavement design curve for the design wheel load but not less than minimum thickness for roads and streets.
2. No. 5 deformed steel bars 2'- 0" long and spaced 2'- 6" on center required at juncture of combined curb and gutter and rigid pavement.
3. Transverse joint in curb and gutter will match transverse joints in road and street pavement.
4. Types 1, 11 & 111 combined curb and gutter construction will not have tie bars when the gutter is adjacent to a flexible pavement.
5. The gutter section or combined curb and gutter for Air Force facilities shall have a minimum width of 24", measured from face of curb as indicated

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.

## CONCRETE JOINT LEGEND

### EXPANSION JOINT

————— EJ ————— EXPANSION JOINT

————— SEJ ————— SPECIAL EXPANSION JOINT

### CONSTRUCTION JOINT (CJ)

————— K ————— LONGITUDINAL KEYED JOINT

————— D ————— LONGITUDINAL & TRANSVERSE  
DOWELED JOINT

————— LTE ————— LONGITUDINAL THICKENED  
EDGE JOINT

——+——+——+——+——+——+——+—— JOINT WITH TIE-BAR

### CONTRACTION JOINT (CTJ)

— — — LTE — — — SAWED, FIBERBOARD, OR PREFORMED  
PLASTIC INSERT JOINT

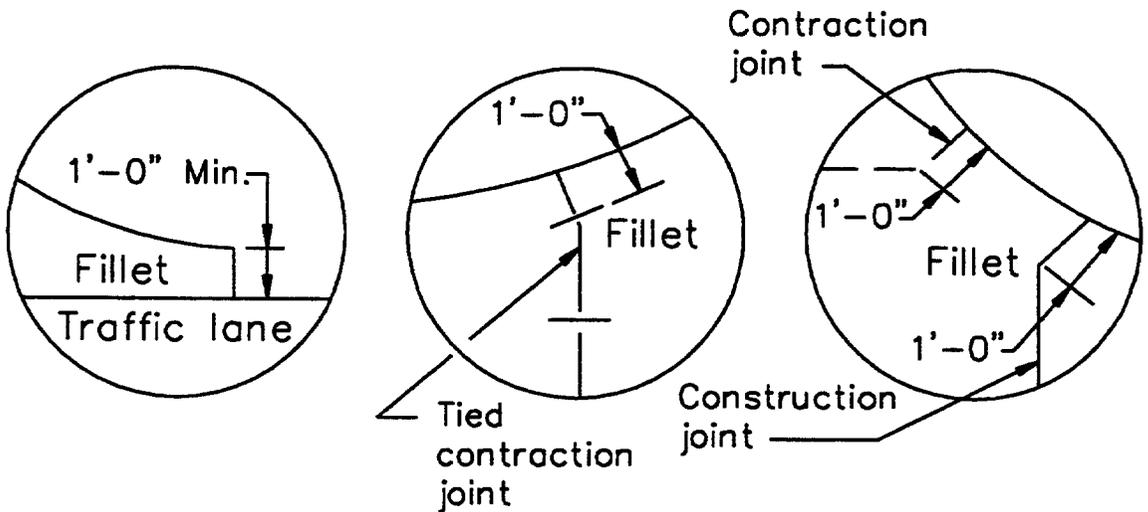
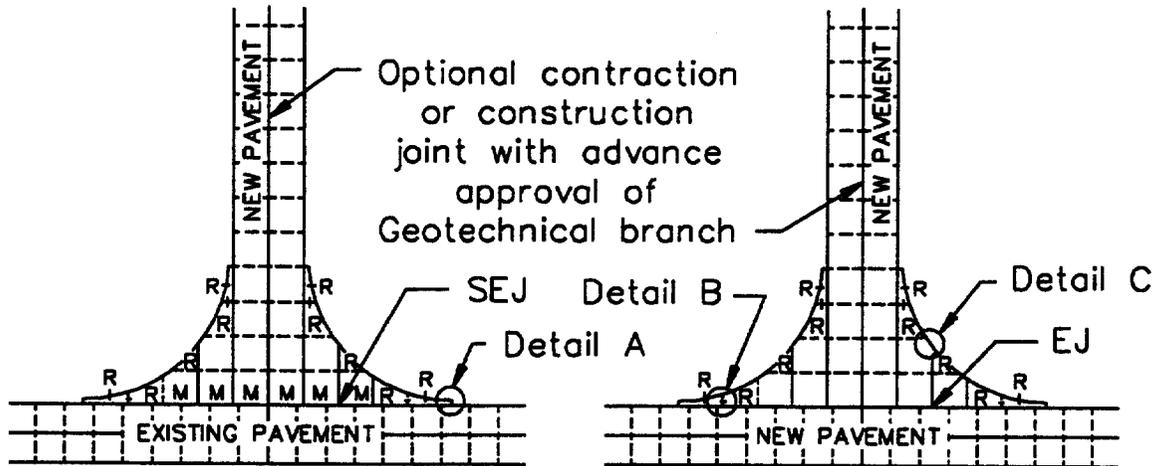
——+——+——+——+——+——+——+—— JOINT WITH TIE-BAR

— — — TD — — — TRANSVERSE JOINT WITH DOWEL

(R) REINFORCED ODD SHAPED SLAB (#4 @ 12" O.C. EA. WAY)

(M) REINFORCED MISMATCHED JOINT (#4 @ 12" O.C.  
EA. WAY FOR 3'-3" BACK FROM JOINT )

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



DETAIL A

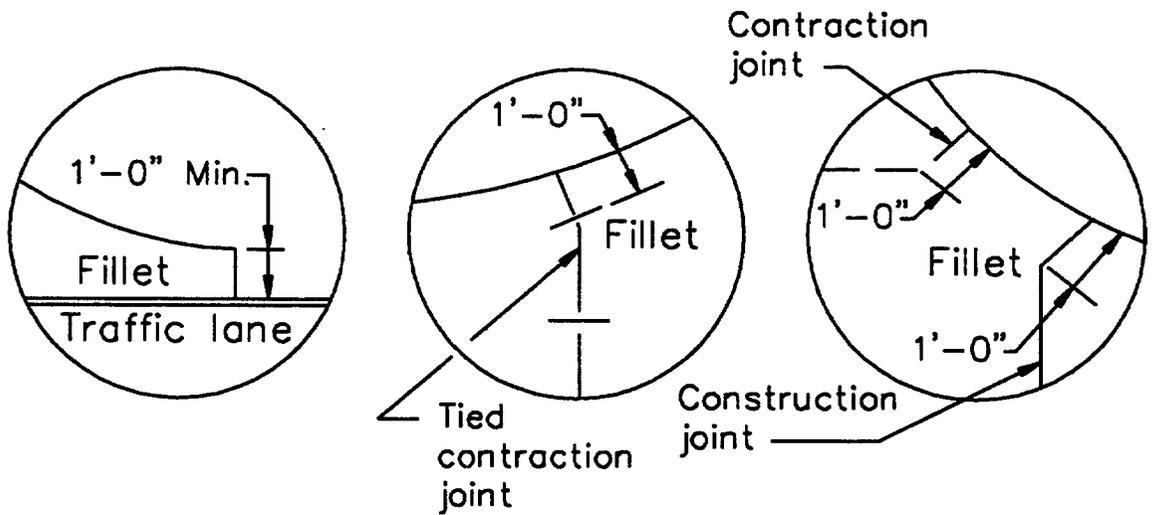
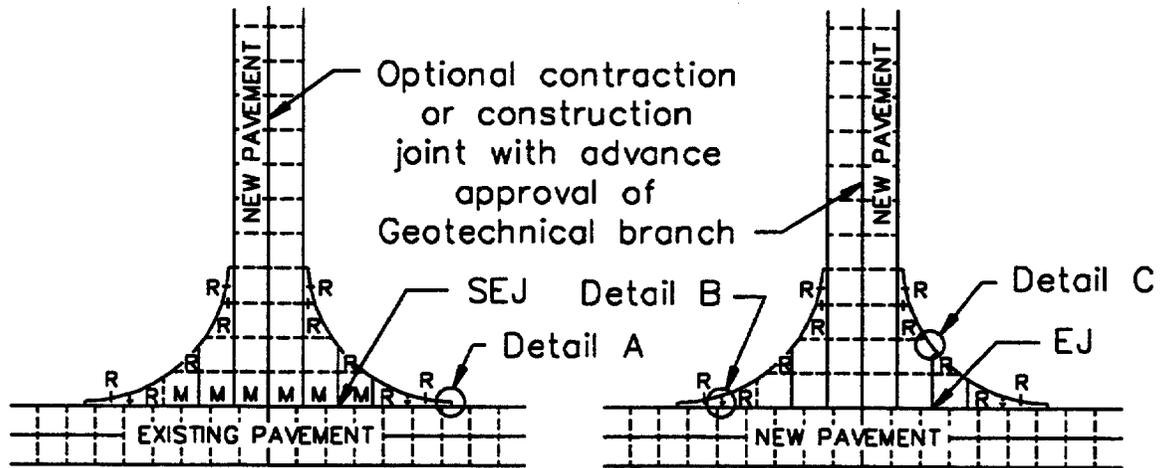
DETAIL B

DETAIL C

NOTE: See sheet 107A for legend info.

TYPICAL JOINT LAYOUT

NOTE: ALL LETTERING SHALL BE 1/8" MINIMUM HEIGHT.



DETAIL A

DETAIL B

DETAIL C

LEGEND

- |         |  |            |   |
|---------|--|------------|---|
| ————    | Construction joints                                    | M          | Reinf. mismatched joints (#4 rebar @ 12" O.C. for 3'-3" back from joint each way) |
| -----   | Contraction joints                                     | <u>EJ</u>  | Expansion joint   |
| - - - - | Tied contraction joint                                 | <u>SEJ</u> | Special expansion joint   |
| R       | Reinf. odd shaped slabs (#4 rebar @ 12" O.C. each way) |            |   |

TYPICAL JOINT LAYOUT