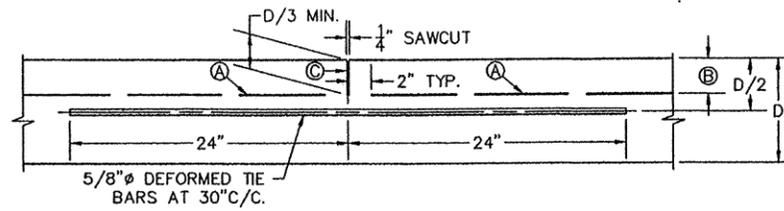
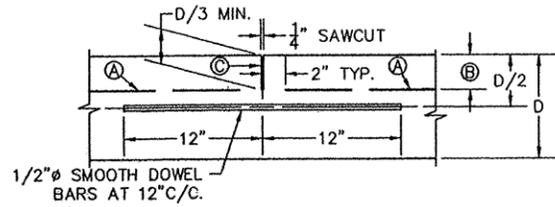


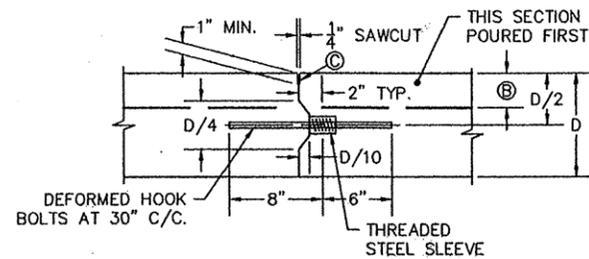
TRANSVERSE EXPANSION JOINT - TYPE E



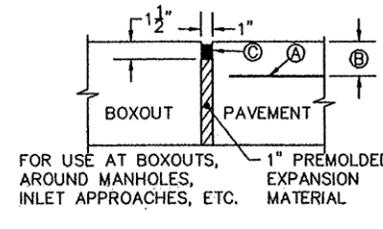
LONGITUDINAL CONTRACTION JOINT - TYPE L



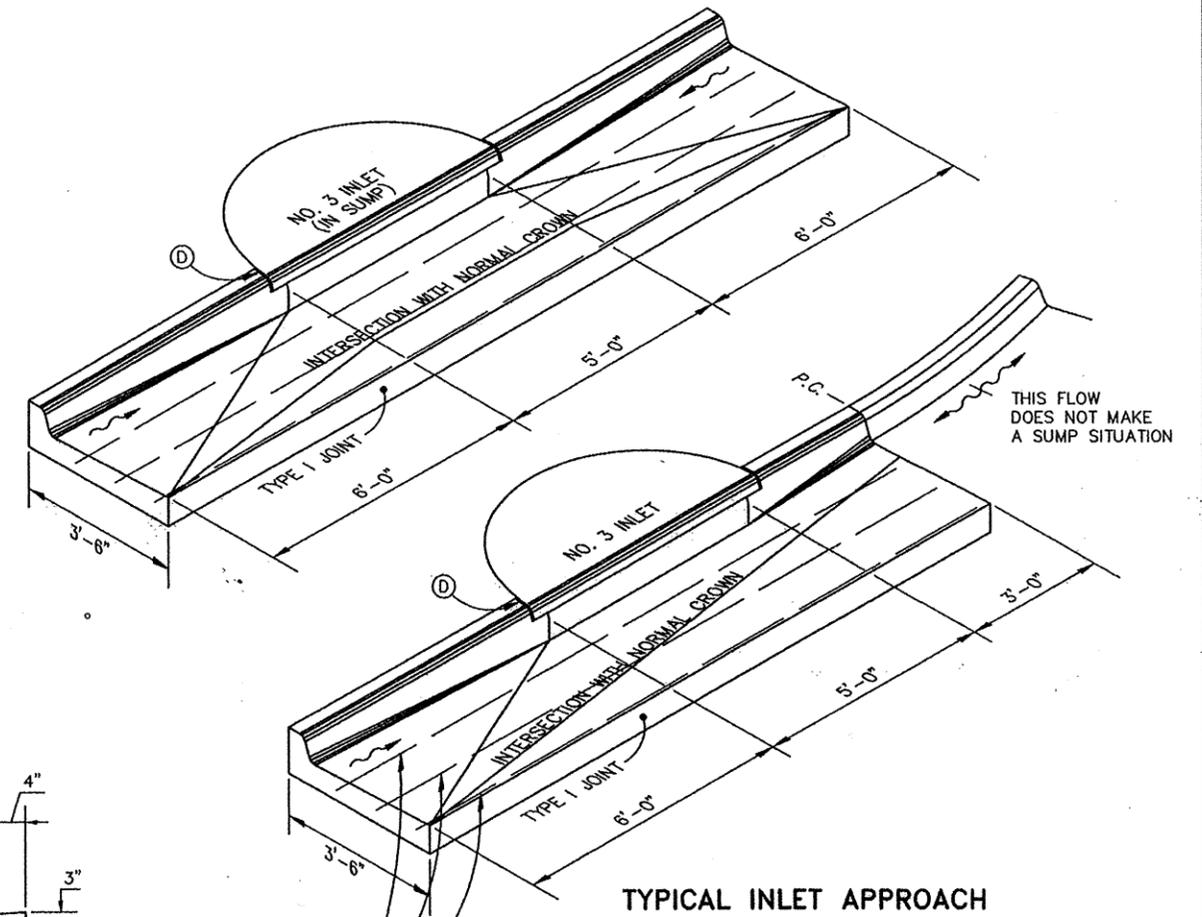
TRANSVERSE CONTRACTION JOINT - TYPE T



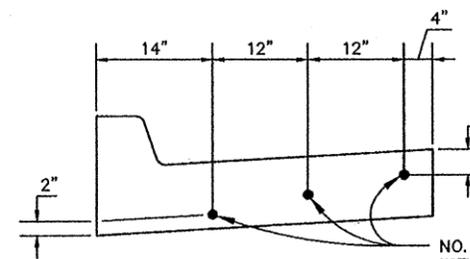
LONGITUDINAL KEYWAY JOINT - TYPE K



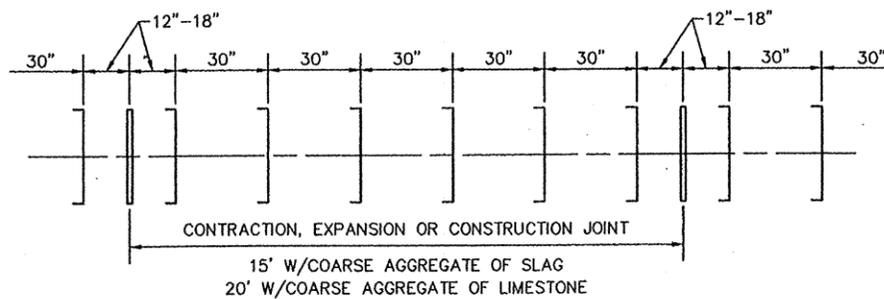
ISOLATION JOINT - TYPE I



TYPICAL INLET APPROACH



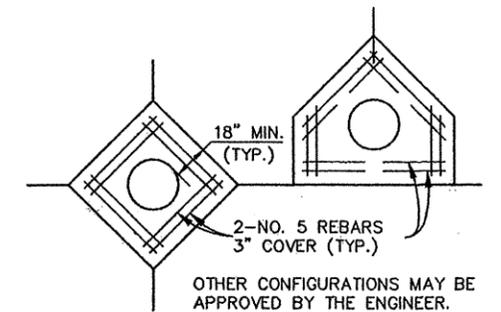
TYPICAL SECTION OF INLET APPROACH



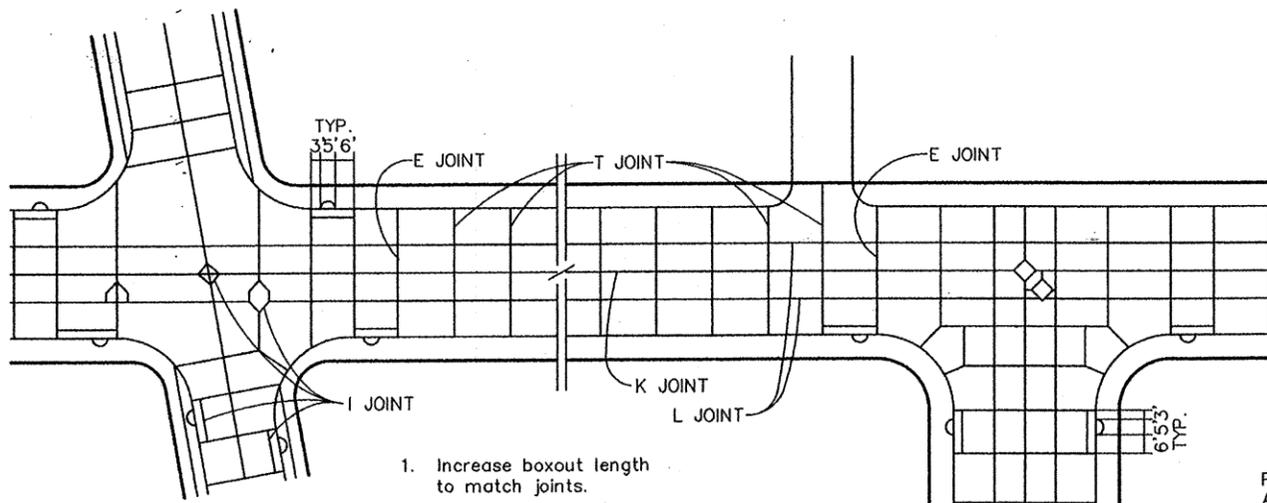
LONGITUDINAL JOINT HOOK BOLT AND TIE BAR SPACING

- Ⓐ STEEL WIRE FABRIC - FOR SIZES SEE O.D.O.T. BP-1.1
- Ⓑ 2 1/2" TO 3"+1.
- Ⓒ FILL WITH JOINT SEALER - TO BE SLIGHTLY DEPRESSED BELOW CONCRETE SURFACE.
- Ⓓ DO NOT FILL WITH MORTAR - PROVIDE 1/2" PREMOLDED EXPANSION MATERIAL.

- ① ALL CONCRETE SHALL BE CLASS "C".
- ② ALL FORMED EDGES SHALL HAVE A 1/4" RADIUS FINISH.



TYPICAL BOXOUTS FOR MANHOLES



1. Increase boxout length to match joints.
2. Position inlet to match good joint pattern.

PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL PRESENT A DRAWING SHOWING ALL JOINT TYPES AND SPACINGS, WITH CONCERN TO INLET AND MANHOLE LOCATIONS, TO BE APPROVED BY THE ENGINEER.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. BP-4
<i>David D. Dilib</i> 9/25/97 MANAGER, DESIGN DIVISION <i>Pawan K. Khaitan</i> 9/25/97 MANAGER, CONSTRUCTION DIVISION <i>C. David Hough</i> 9/25/97 CITY ENGINEER	REINFORCED CONCRETE PAVEMENT <small>AUTOCAD DRAWING - STD_BP-4.DWG</small> <small>REVISIONS:</small> <small>July 30, 1997</small>