

GENERAL NOTES

All work shall be done in accordance with the standard specifications applicable to the project.

The typical joint layout shown is intended to be used as a standard for the joint layout for the project. If the Contractor proposes variations from this standard, or the project has unusual or irregular conditions not covered herein, he shall prepare a pavement joint layout for the variations and unusual conditions for approval by the Engineer.

Longitudinal joints shall coincide with lane markings, if possible, and have maximum spacing of 12.5'. The longitudinal joint closest to the curb shall be tied (#) if there is no backfill behind the curb.

Place transverse joints perpendicular to the centerline of pavement and extend through the curb or curb and gutter.

Immediately after sawing, joints shall be cleaned of cement slurry with a pressurized water jet or other acceptable method. Joints shall also be cleaned with compressed air just ahead (100' or less) of placing backer rod and poured joint material. The Engineer may require other methods if necessary to clean joint.

Place 1/2" min. expansion joint filler in top 6 inches of curb of intersection return radius points.

The Contractor shall, unless otherwise shown on the plans, select and use either a boxout or bond breaker at catch basins, manholes and other roadway appurtenances of similar or large size. Small appurtenances, such as valve and monument boxes, will not require a boxout or bond breaker.

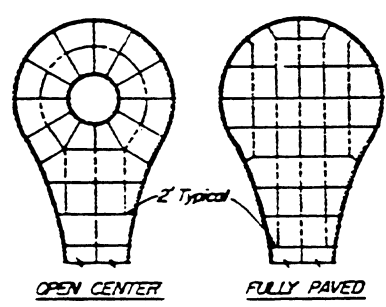
Preferred transverse joint locations are: more than 5 feet from a large appurtenance with no boxout; or at the midpoint of round boxouts or appurtenances; or at the corner of rectangular boxouts or appurtenances.

Where a longitudinal joint is located one foot or more clear of an appurtenance edge, a bond breaker may be used. With 2 feet or more clearance, either a bond breaker or boxout may be used. With less than these clearances, use the "Typical 2' Radial Joint" as shown in the details. Use of square or round boxout, or bond breaker is appropriate when the appurtenance is centered on a longitudinal joint.

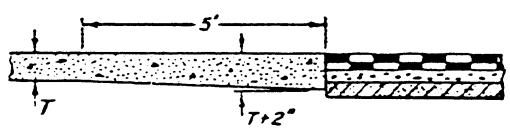
The final finish requirements of C.D.O.B., subsection 412.15 (f), shall apply except that transverse tied grooves will not be required.

Curb inlets may be constructed in vertical stages if it will facilitate continuous slipform paving.

CUL-DE-SAC

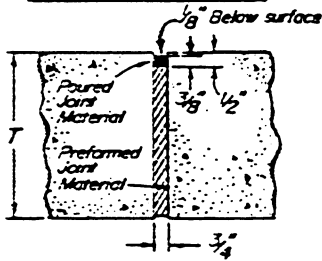


CONCRETE TO FLEXIBLE PAVEMENT TRANSITION

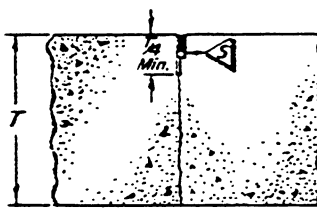


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| CITY OF COLORADO SPRINGS | | | |
| CONCRETE PAVEMENT - STANDARD JOINT LAYOUT | | | |
| APPROVED BY <i>Jay R. James</i> CITY ENGINEER | | | |
| SCALE: NO SCALE | DATE: FEB. 89 | DRAWN: P.L.B. | SHEET D-25A 1 OF 3 |

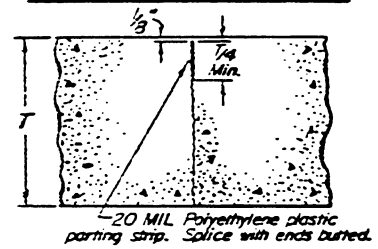
(A)
EXPANSION JOINT



(C)
TRANSVERSE CONTRACTION JOINT

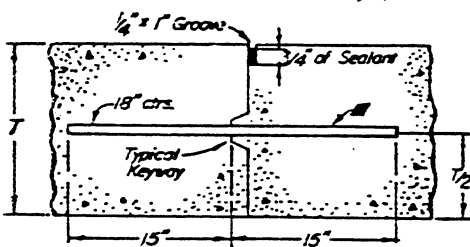


(C)
ALTERNATE TRANSVERSE CONTRACTION JOINT

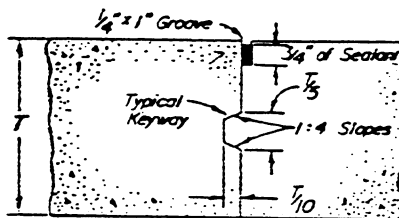


(TC)
TRANSVERSE CONSTRUCTION JOINT

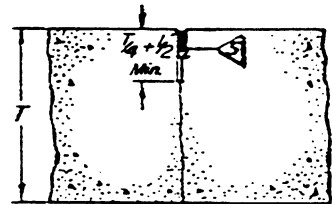
Required when pour has been interrupted more than 30 minutes and at end of a days pour.



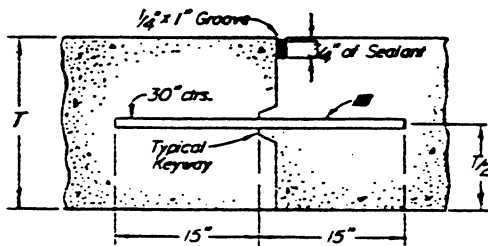
(D)
LONGITUDINAL CONSTRUCTION JOINT



(E)
LONGITUDINAL CONTRACTION JOINT

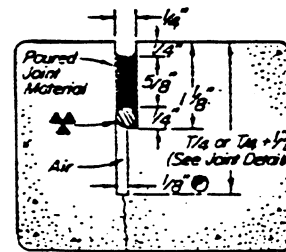


(L)
LONGITUDINAL CONSTRUCTION JOINT (WITH TIE BARS)



■ - Bars shall be deformed reinforcing bars. No. 4 when $T \leq 8$ and No. 5 when $T > 8$.

SAWED JOINT



▲ Backer rod of open or closed cell polyurethane strand as approved.

○ May be 1/4 inch saw cut for it's full depth with joint material and backer rod at same depth shown.

CITY OF COLORADO SPRINGS

CONCRETE PAVEMENT - STANDARD JOINT LAYOUT

APPROVED BY *Jay R. Haynes*
CITY ENGINEER

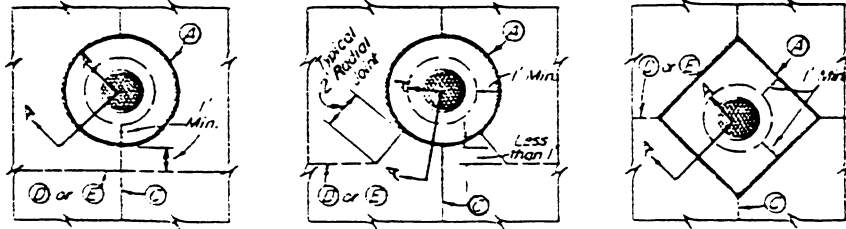
SCALE:
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DATE:
FEB. 89

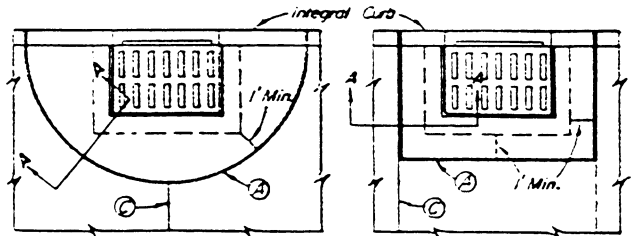
DRAWN:
P.L.B.

SHEET D-25 B
2 OF 3

MANHOLE BOXOUT

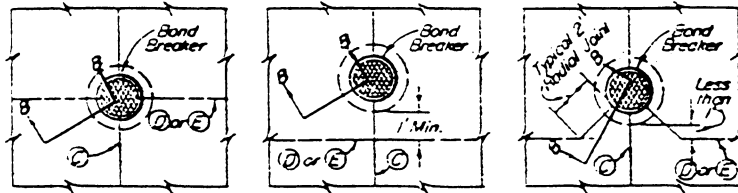


GRATED INLET BOXOUT

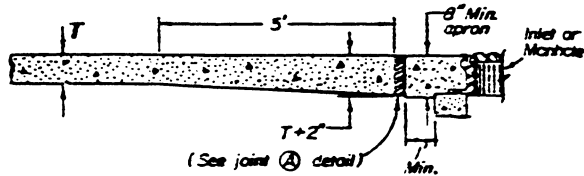


ⓐ Transverse joint at both boxout corners if boxout is 8' or longer.

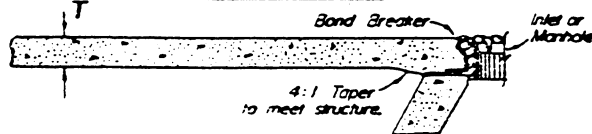
BOND BREAKER



SECTION A-A



SECTION B-B



Bond Breaker shall be composed of plastic sheet, building paper or other approved material to prevent bonding.

CITY OF COLORADO SPRINGS

**CONCRETE PAVEMENT -
STANDARD JOINT LAYOUT**

APPROVED BY *Jay K. Hayes*
CITY ENGINEER

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| SCALE: NO SCALE | DATE: FEB. 89 | DRAWN: P.L.B. | SHEET D-25C 3 OF 3 |
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