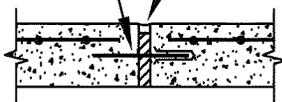


1/2" EXPANSION JOINT BETWEEN THE CURB AND ENTRANCE PAVEMENT AND BETWEEN THE SIDEWALK AND THE ENTRANCE PAVEMENT, ALSO AT THE END OF THE STANDARD CURB AND GUTTER.

THE 1/2" RADIUS AT THE GUTTER PAN SHALL END AT 2" AWAY FROM THE CURB FACE TO PREVENT A SHARP FRAGILE POINT OF CONCRETE.

NO. 4 SMOOTH DOWEL, SEE NOTE NO. 4
SEALANT, SEE NOTE NO. 4



1/2" EXPANSION JOINT DETAIL

REFER TO PLATE T-042 FOR STREET REPAIR DETAILS WHERE APPLICABLE

NOTES

1. ALL CONCRETE SHALL BE MD DEPT. OF TRANS. S.H.A. MIX NO. 6 WITH A 28 DAY COMPRESSIVE STRENGTH OF 4,500 P.S.I. (UNLESS OTHERWISE DIRECTED) WITH 5%-8% AIR AND 2"-5" SLUMP. ALL EXPOSED SURFACES SHALL RECEIVE A LIGHT BROOM FINISH. DO NOT ADD WATER TO THE SURFACE FOR FINISHING. ALL CONCRETE SHALL RECEIVE LIQUID MEMBRANE CURING COMPOUND IN COMPLIANCE WITH THE SPECIFICATIONS SECTION 902.07.03. REFER TO PLATE T-040 FOR STANDARD CONCRETE CURB & GUTTER AND PLATE T-050 FOR STANDARD CONCRETE SIDEWALK.
2. THE CONCRETE CURB RADIUS SHALL BE EQUAL TO THE DISTANCE FROM THE FACE OF CURB TO THE EDGE OF THE SIDEWALK OR 3.0' WHICHEVER IS GREATER. REFER TO PLATE T-042 FOR CURB DIMENSIONS.
3. THE PAVEMENT FROM THE BACK EDGE OF THE SIDEWALK TO THE INLET SHALL BE STANDARD ALLEY PAVEMENT EXCEPT THAT THE CROSS SECTION SHALL MATCH THE ENTRANCE PAVEMENT WHERE THEY ADJOIN AND SHALL TRANSITION TO THE NORMAL ALLEY SECTION AT THE INLET. TAPER THE 15'-0" ENTRANCE PAVEMENT WIDTH TO THE 12'-0" ALLEY PAVEMENT WIDTH IN A DISTANCE OF 2'-0" MINIMUM AS SHOWN.
4. INSTALL SMOOTH DOWELS IN ALL EXPANSION JOINTS. THESE JOINTS SHALL HAVE 1/2" EXPANSION JOINT MATERIAL AND 12" LONG NO.4 SMOOTH DOWELS AT MID-DEPTH IN THE SLAB 12" O.C. WITH A GREASED CAP ON ONE END, WITH 6" OF THE DOWEL ON EITHER SIDE OF THE JOINT. THIS JOINT SHALL BE FINISHED OUT WITH 1/2" DEPTH TWO PART ELASTOMERIC GUN-GRADE POLYSULFIDE SEALANT SONNEBORN SONOLASTIC OR AN APPROVED EQUAL.
5. REFER TO SECTION AA AND DETAIL B ON PLATE T-061 FOR DIMENSIONS AND CONSTRUCTION NOTES FOR RESIDENTIAL ALLEY ENTRANCE PAVEMENT. REFER TO PLATE T-027 FOR STANDARD RESIDENTIAL ALLEY PAVEMENT SECTION. REFER TO SECTION AA AND DETAIL B ON PLATE T-063 FOR DIMENSIONS AND CONSTRUCTION NOTES FOR COMMERCIAL ALLEY ENTRANCE PAVEMENT. REFER TO PLATE T-028 FOR STANDARD COMMERCIAL ALLEY PAVEMENT SECTION AND PLATE T-071 FOR MONLITHIC DEPRESSED CURB & GUTTER WITH ENTRANCE.



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING DIVISION

TRANSPORTATION STANDARD DETAIL
STANDARD ALLEY/STREET INTERSECTION
WITH STORM DRAIN INLET

ISSUE DATE: 03-01-2018

REVISIONS

01-02-2025	
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Plate T-070