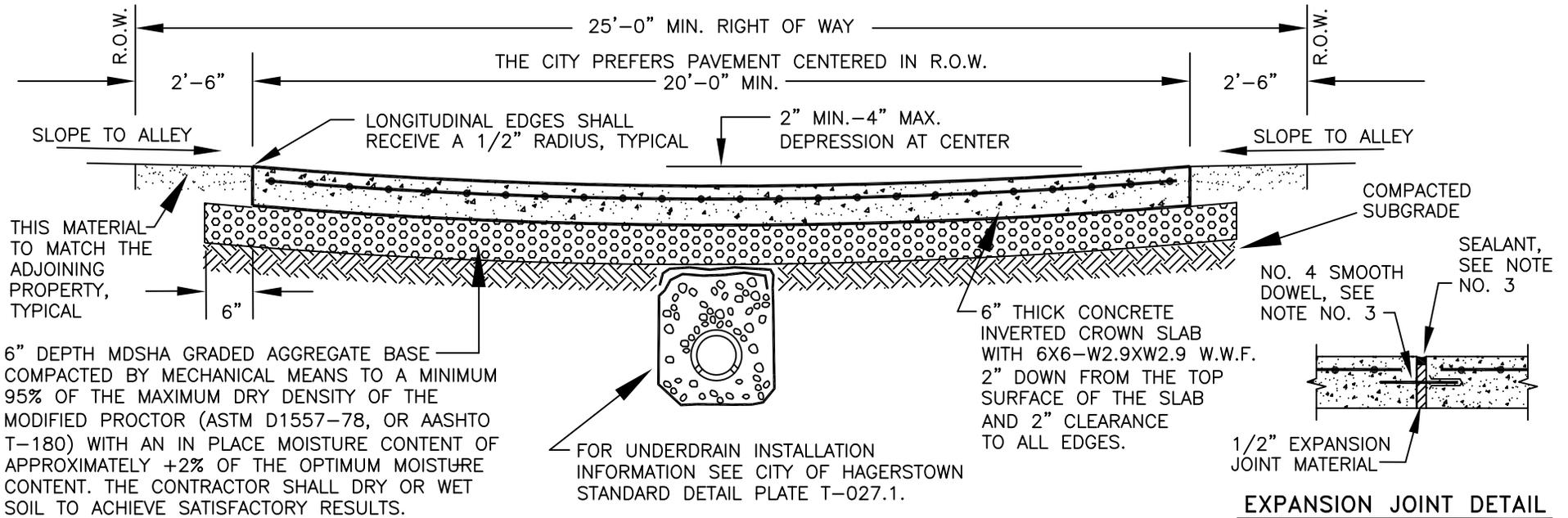


# NOTES

1. PAVEMENT SECTION SHALL EITHER BE CONCRETE AS SHOWN BELOW, OR A BITUMINOUS PAVEMENT SECTION THAT IS EQUIVALENT TO THE CITY'S LOCAL STREET PAVEMENT SECTION (STANDARD PLATE T-033). IF A BITUMINOUS PAVEMENT SECTION IS SELECTED, THE ALLEY CROSS SECTION SHALL EITHER BE CROWNED WITH 3/8" PER FOOT CROSS SLOPE BOTH DIRECTIONS FROM CENTERLINE, OR SHALL HAVE CONTINUOUS 3/8" PER FOOT CROSS SLOPE TO ONE SIDE OR THE OTHER. ADEQUATE DRAINAGE FACILITIES MUST BE PROVIDED ALONG OR WITHIN THE ALLEY.
2. ALL CONCRETE SHALL BE MD DEPARTMENT OF TRANSPORTATION S.H.A. MIX NO. 6 WITH A 28 DAY COMPRESSIVE STRENGTH OF 4,500 P.S.I. (UNLESS SPECIFIED OTHERWISE BY THE CITY ENGINEER) WITH 5%-8% AIR ENTRAINMENT AND 2"-5" SLUMP. DO NOT ADD WATER TO THE SURFACE FOR FINISHING. ALL CONCRETE SHALL RECEIVE LIQUID CURING COMPOUND IN COMPLIANCE WITH THE SPECIFICATIONS SECTION 902.07.03. ALL EXPOSED SURFACES SHALL RECEIVE A LIGHT BROOM FINISH.
3. THE CONCRETE ALLEY PAVEMENT SHALL RECEIVE A TRANSVERSE TOOLED JOINT OR SAW CUT JOINT EVERY 10'-0" MAXIMUM. THIS JOINT SHALL BE 1/8" WIDE X 3/8" DEEP, (IF SAW CUT FILL WITH TWO PART ELASTOMERIC GUN-GRADE POLYSULFIDE SEALANT, SONNEBORN SONOLASTIC OR APPROVED EQUAL).
4. THE CONCRETE ALLEY PAVEMENT SHALL RECEIVE A TRANSVERSE EXPANSION JOINT EVERY 40'-0" MAXIMUM. THIS JOINT SHALL HAVE 1/2" EXPANSION JOINT MATERIAL AND 12" LONG NO. 4 SMOOTH DOWELS AT MID-DEPTH IN THE SLAB AT 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. WHERE TWO RESIDENTIAL ALLEYS INTERSECT, THE PAVEMENT AT THE INTERSECTION SHALL HAVE A 20'-0" RADIUS AND THE ALLEY RIGHTS OF WAY SHALL HAVE A 25'-0" RADIUS. DEAD-END ALLEYS SHALL HAVE A TURN AROUND IN ACCORDANCE WITH AASHTO.



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING DIVISION

**TRANSPORTATION STANDARD DETAIL**  
**RESIDENTIAL ALLEY PAVEMENT SECTION**  
**(EXCLUSIVE ACCESS TO PROPERTY)**

ISSUE DATE: 06-13-2022	
REVISIONS	
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<b>Plate T-027.2</b>	