NOTES

1. 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.

2. THE CONCRETE ALLEY PAVEMENT SHALL RECEIVE A TRANSVERSE TOOLOED 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 A TWO PART ELASTOMERIC CUN-GRADE POLYSULFIDE SEALANT, SONNEBORN SONOLASTIC OR AN APPROVED EQUAL).

3. 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 OIL-FEED CAP ON ONE END WITH 6" OF DOWEL ON EITHER SIDE OF THE JOINT. THIS JOINT SHALL BE FINISHED OUT WITH 1/2 DEPTH TWO PART ELASTOMERIC CUN-GRADE POLYSULFIDE SEALANT SONNEBORN SONOLASTIC OR AN APPROVED EQUAL.

4. WHERE TWO COMMERCIAL ALLEYS INTERSECT, THE PAVEMENT AT THE INTERSECTION SHALL HAVE A 10'-0" RADIUS AND THE ALLEY RIGHTS OF WAY SHALL HAVE A 10'-0" RADIUS. DEAD-END ALLEYS SHALL HAVE A TURN AROUND IN ACCORDANCE WITH AASHTO.

15'-0" MIN. RIGHT OF WAY

1'-6"

1'-6"

12'-0"

SLOPE TO ALLEY

SLOPE TO ALLEY

LONGITUDINAL EDGES SHALL RECEIVE A 1/2" RADIUS, TYPICAL

2" MIN.-4" MAX.

DEPRESSION AT CENTER

THIS MATERIAL TO MATCH THE ADJOINING PROPERTY, TYPICAL

6" DEPTH MD DEPT. OF TRANS. S.H.A. GRADED AGGREGATE—BASE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY OF THE MODIFIED PROCTOR (ASTM D1557-78, OR AASHTO T-180) WITH AN IN PLACE MOISTURE CONTENT OF ±2% OF THE OPTIMUM MOISTURE CONTENT.

8" THICK CONCRETE INVERTED CROWN SLAB WITH 6X6-W4.0XW4.0 W.W.F. 2" DOWN FROM THE TOP SURFACE OF THE SLAB AND 6X6-W4.0X4.0 W.W.F. AT 2" UP FROM THE BOTTOM SURFACE OF THE SLAB WITH 2" CLEARANCE TO ALL EDGES.

FOR UNDERDRAIN INSTALLATION INFORMATION SEE CITY OF HAGERSTOWN STANDARD DETAIL SD-045.

CITY OF HAGERSTOWN, MARYLAND — ENGINEERING DIVISION

TRANSPORTATION STANDARD DETAIL

COMMERCIAL ALLEY

PAVEMENT SECTION

ISSUE DATE: 03-01-2018

REVISIONS

Plate T-028