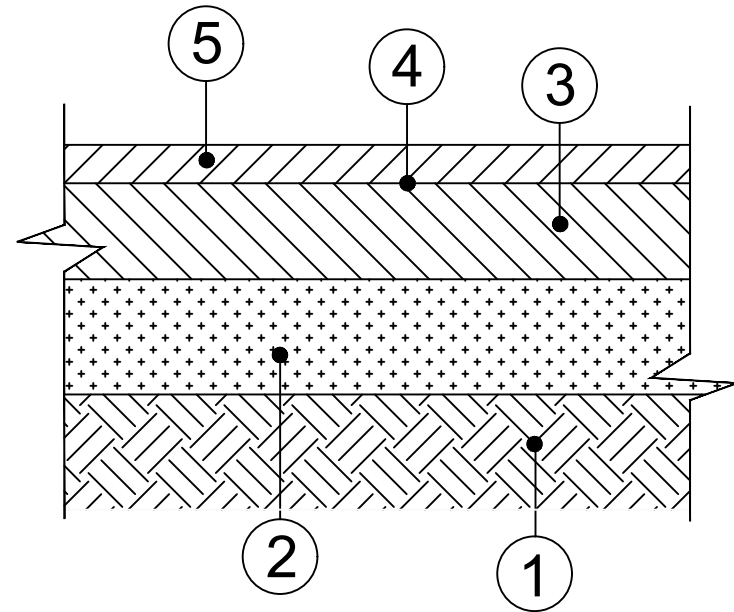


ALL MATERIALS AND CONSTRUCTION TECHNIQUES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, 2017 MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION, OR LATEST EDITION, AS FOLLOWS:

ASPHALT PAVEMENT- SECTION 504.01 THROUGH 504.03.15
 GRADED AGGREGATE BASE COURSES - SECTIONS 501.01 - 501.03.13
 PREPARED SUBGRADE - SECTIONS 204.01 THROUGH 204.03.08
 SECTIONS 208.01 THROUGH 208.03.05



- ① PREPARED SUBGRADE
- ② 12" MDSA GRADED AGGREGATE-BASE (TWO 6.0" LIFTS)
- ③ 5.0" ASPHALT SUPERPAVE BITUMINOUS CONCRETE (ASBC) 19.0 MM FOR BASE-PG 64S-22, LEVEL 2 (TWO 2.5" LIFTS)
- ④ TACK COAT IS REQUIRED BETWEEN LAYERS OF ASBC IF MORE THAN SEVEN CALENDAR DAYS PASS BETWEEN PLACEMENT OF THE BASE AND SURFACE COURSES. AT THE CITY ENGINEER'S DISCRETION, TACK COAT MAY BE REQUIRED AFTER A SHORTER ELAPSED TIME PERIOD IF THE BASE COURSE IS EXPOSED TO HEAVY WEAR OR INCLEMENT WEATHER, OR REQUIRES EXTENSIVE CLEANING. APPLY TACK COAT IN ACCORDANCE WITH SECTION 504.03.04 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, 2017, MARYLAND DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION, OR LATEST EDITION.
- ⑤ 2" ASPHALT SUPERPAVE BITUMINOUS CONCRETE 12.5 MM FOR SURFACE- PG 64S-22, LEVEL 2 (ONE 2" LIFT)

PAVEMENT SECTION IS BASED UPON A MAXIMUM ADT OF 12,000 (TOTAL OF ALL LANES, BOTH DIRECTIONS), WITH A MAXIMUM OF 2.5% TRUCKS. "TRUCKS" SHALL BE DEFINED AS THOSE VEHICLES SATISFYING ANY OF THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION VEHICLE TYPE CLASSIFICATIONS NUMBER 4 (BUSES) THROUGH NUMBER 13 (SEVEN OR MORE AXLE MULTI-TRAILER TRUCKS).

PAVEMENT SECTION IS BASED UPON A RESILIENT MODULUS OF 7,500 PSI (APPROX. CBR= 5)



CITY OF HAGERSTOWN, MARYLAND - ENGINEERING DIVISION

TRANSPORTATION STANDARD DETAIL
 MAJOR COLLECTOR
 TYPICAL PAVEMENT SECTION

ISSUE DATE: 03-01-2018

REVISIONS

Plate T-031