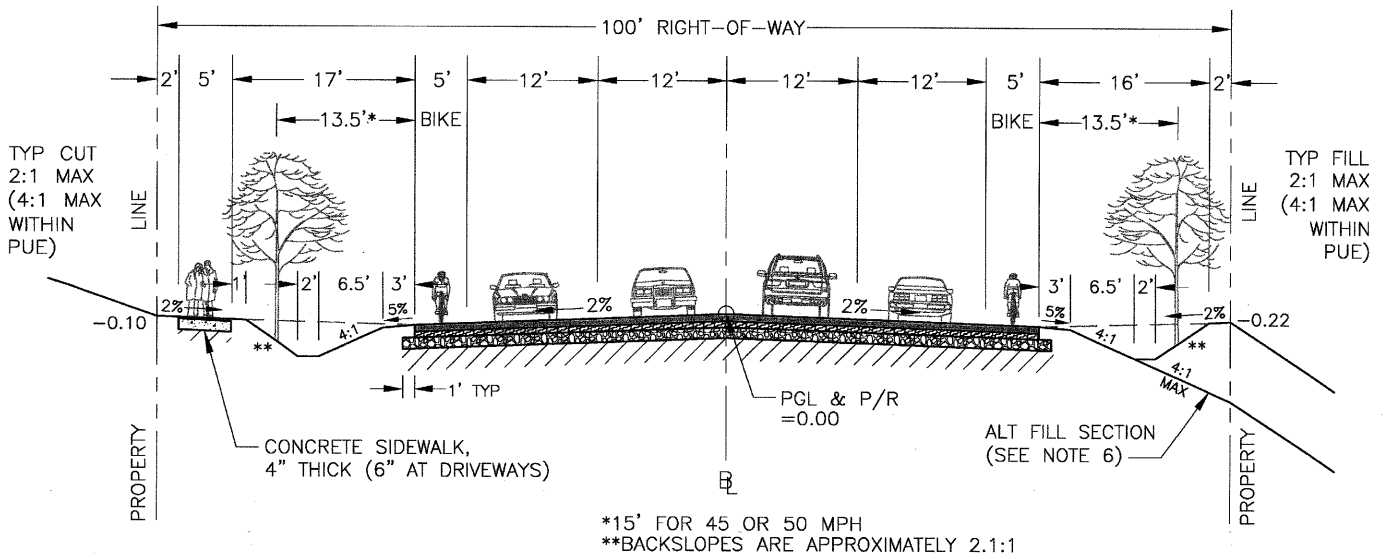
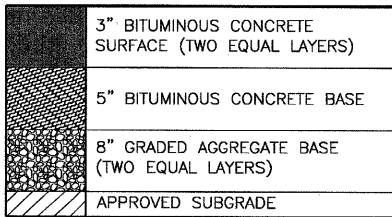


Typical Section (NOT TO SCALE)



Paving Detail



Design Data

GEOMETRIC DESIGN SHALL CONFORM TO MOST RECENT AASHTO "GREEN BOOK" METHODS.

TARGET SPEED (MPH)	SUPERELEVATION DISTRIBUTION	MAX GRADE
35	AASHTO METHOD 5 (6% MAX)	8%
40	AASHTO METHOD 5 (6% MAX)	8%
45	AASHTO METHOD 5 (6% MAX)	8%
50	AASHTO METHOD 5 (6% MAX)	8%

General Notes

- LATEST EDITION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS SHALL APPLY FOR MATERIALS AND METHODS OF CONSTRUCTION.
- PUBLIC UTILITY EASEMENTS (PUEs) ARE SUBJECT TO "DECLARATIONS OF TERMS AND PROVISIONS OF PUBLIC UTILITY EASEMENTS" RECORDED AS LIBER 3834, FOLIO 457 IN THE LAND RECORDS OF MONTGOMERY COUNTY.
- STANDARD ELEVATION AT PROPERTY LINE, RELATIVE TO PGL, SHALL NOT VARY AT DRIVEWAYS.
- PAVING DETAIL DEPICTS THE MINIMUM REQUIRED SECTION. IF SUFFICIENT SUBGRADE SUPPORT IS NOT ASSURED, AN ENGINEERED PAVING DESIGN USING SHA METHODOLOGY WILL BE REQUIRED.
- NOTE THAT WITHIN A GIVEN CONTEXT, THIS STANDARD MAY NEED TO BE MODIFIED TO PROVIDE ADDITIONAL REQUIRED FEATURES SUCH AS MASTER PLANNED BIKEWAYS, AUXILIARY LANES AT INTERSECTIONS, OR STORMWATER MANAGEMENT FACILITIES. ADDITIONAL RIGHT-OF-WAY MAY BE NECESSARY TO ACCOMMODATE SUCH FEATURES.
- NOTE THAT ROADWAY SECTION IS NOT SYMMETRICAL RELATIVE TO BASELINE. ACTUAL ORIENTATION OF LEFT AND RIGHT MUST BE REVIEWED AND APPROVED.
- THE SIDE DITCH IN FILL SLOPES MAY BE ELIMINATED IN AREAS WHERE SIDEWALKS ARE NOT REQUIRED ONLY AFTER OVERLAND FLOW PATH AND EROSION POTENTIAL ARE CONSIDERED.
- SELECTION OF APPROPRIATE TARGET SPEED (EQUAL OR SLIGHTLY LESS THAN DESIGN SPEED) IS SUBJECT TO COUNTY REVIEW AND APPROVAL. APPROVED TARGET AND DESIGN SPEEDS MUST APPEAR ON CONSTRUCTION DRAWINGS.
- ALL UNPAVED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISHED GRASS TURF OR APPROVED LANDSCAPING.
- STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN.

STANDARD DEVELOPED AND IMPLEMENTED IN CONFORMANCE WITH COUNCIL RESOLUTION 16-809 ADOPTED DEC. 9, 2008

Paul H. Hays
DIRECTOR, DEPARTMENT OF TRANSPORTATION

Ben S. J. Platt
CHIEF, DIVISION OF TRANSPORTATION ENGINEERING

26 JUN 2012
DATE

6/21/2012
DATE

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION

RURAL ARTERIAL ROAD
OPEN SECTION: 4 LANES W/ BIKE LANES

STANDARD NO. MC-2004.18