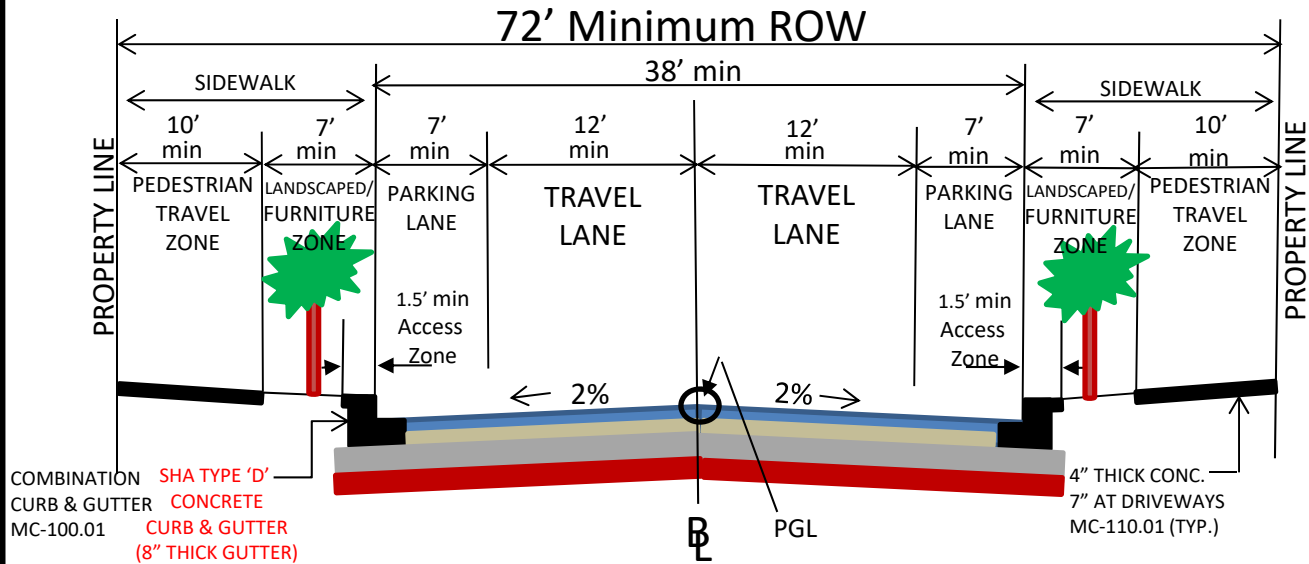


Design Data

NOT TO SCALE



Paving Detail

Design Data

GEOMETRIC DESIGN SHALL CONFORM TO THE LATEST EDITION OF THE AASHTO "GREEN BOOK" GUIDELINES.

3" BITUMINOUS CONCRETE SURFACE COURSE IN TWO 1 1/2" LAYERS	TARGET SPEED (MPH)	SUPERELEVATION DISTRIBUTION	MAX GRADE
5" BITUMINOUS CONCRETE BASE COURSE	25	NONE (-2% MAX)	8%
8" GRADED AGGREGATE BASE COURSE IN TWO 4" LAYERS	30	AASHTO METHOD 2 (4% MAX)	8%
APPROVED SUBGRADE	MIN ALLOWABLE R RADIUS = 300'		

General Notes

- LATEST EDITION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS WILL APPLY FOR MATERIALS AND METHODS OF CONSTRUCTION.
- RIGHT-OF-WAY (R-O-W) AND 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 WHICH MUST BE CERTIFIED BY A QUALIFIED PROFESSIONAL TO THE SATISFACTION OF THE DIRECTOR. AN ENGINEERED PAVING DESIGN USING SHA METHODOLOGY WILL BE REQUIRED WHEN THE MINIMUM PAVING DETAIL CANNOT BE SUPPORTED.
- ADDITIONAL R-O-W MAY BE NEEDED AT INTERSECTIONS WHERE ONE OR MULTIPLE TURN LANES ARE NECESSARY TO MAINTAIN ACCEPTABLE LEVELS-OF-SERVICE, WIDER LANE WIDTHS FOR GEOMETRIC PURPOSES AND/OR HIGH PARKING TURNOVER, BICYCLE FACILITIES RECOMMENDED UNDER THE BIKEWAY MASTER PLAN, UTILITIES, OR STORMWATER MANAGEMENT FACILITIES WHICH MAY INCLUDE BIORETENTION AREAS AND ARE SUBJECT TO THE APPROVAL OF THE DIRECTOR. PARKING CAN BE REMOVED IF THE GEOMETRY AND SPACING OF ACCESS POINTS ALONG THE ROAD CREATES A SAFETY HAZARD OR A MAINTENANCE ISSUE. THEREFORE THE R-O-W AND THE PAVING WIDTH MAY BE REDUCED BY UP TO 14 FEET UPON APPROVAL OF THE DIRECTOR.
- SELECTION OF APPROPRIATE TARGET SPEED (EQUAL OR SLIGHTLY LESS THAN DESIGN SPEED) IS SUBJECT TO DEPARTMENT REVIEW AND APPROVAL. APPROVED TARGET AND DESIGN SPEED MUST APPEAR ON CONSTRUCTION DRAWINGS.
- ALL UNPAVED AREAS WITHIN THE LIMITS OF DISTURBANCE SHALL BE STABILIZED WITH ESTABLISH GRASS TURF (SOD) OR APPROVED LANDSCAPING.
- STREET TREES OF APPROVED TYPE, SIZE AND SPACING SHALL BE PLANTED AT LOCATIONS SHOWN.

STANDARD DEVELOPED AND IMPLEMENTED IN CONFORMANCE WITH ROAD CODE REVISION ADOPTED (DATE)

DIRECTOR, DEPARTMENT OF PUBLIC WORKS

DATE

CHIEF, ENGINEERING DIVISION

DATE

CHIEF, TRAFFIC AND TRANSPORTATION DIVISION

DATE

CITY OF ROCKVILLE
DEPARTMENT OF PUBLIC WORKS

BUSINESS DISTRICT ROAD
CLASS II

STANDARD DETAIL