



PAVING DETAIL

1 1/2" Bituminous Concrete Surface Course	1 1/2" Bituminous Concrete Surface Course
1 1/2" Bituminous Concrete Surface Course	1 1/2" Bituminous Concrete Surface Course
3" Bituminous Concrete Base Course	5" Bituminous Concrete Base Course
4" Graded Aggregate Base Course	Approved Subgrade
Approved Subgrade	

DESIGN DATA

Geometric Design shall conform to most recent AASHTO "Green Book" methods.

	Target Speed (Mph)	Superelevation	Max Grade	Min Grade
Secondary Residential	N/A (25 Mph for Sight Dist.)	None (-2% Max)	10%	1%

DESIGN NOTES

- Minimum allowable baseline radius for Secondary Residential is 150 feet.
- When the maximum roadway exceeds 5%, additional measures may be necessary to meet ADA requirements.

GENERAL NOTES

- Latest edition of the Maryland State Highway Administration shall apply for materials and methods of construction.
- Paving detail depicts the minimum required section. Design engineer is responsible to ensure the final pavement design is adequate and subgrade meets design requirements based on a signed and sealed Geotechnical Report.
- Any bituminous concrete course that exceeds 4" in thickness must be applied in two courses or layers.
- 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 on approved plans.
- This standard may need to be modified to provide additional features such as master plan bike facilities, auxiliary lanes at intersections, medians, or stormwater management facilities. Additional right of way may be necessary to accommodate such facilities.
- For new developments, include on-street accessible parking in accordance with the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right of Way (PROWAG) section R214 "On-Street Parking Spaces" dated July 26, 2011.
- Note that the roadway section is not symmetrical relative to the baseline. Actual orientation of left and right must be reviewed and approved.
- Subject to the Director of Public Works approval, applicants proposing parking on only one side must demonstrate that parking is adequately addressed.
- Switching the parking lane from one side of the street to the other is not permitted unless it transitions appropriately after an intersection with another street.
- For development proposed adjacent to existing non-compliant roads, the applicant shall construct public improvements to bring the road into compliance with the applicable standard roadway section to the maximum extent practicable, as determined by the Director of Public Works.

9/2020

10/1997

REVISIONS



APPROVED: 9-17-2020
[Signature]
DIRECTOR OF PUBLIC WORKS

CITY OF ROCKVILLE STANDARD DETAIL
SECONDARY RESIDENTIAL ROAD SECTION
PARKING ON ONE SIDE

DETAIL
45B