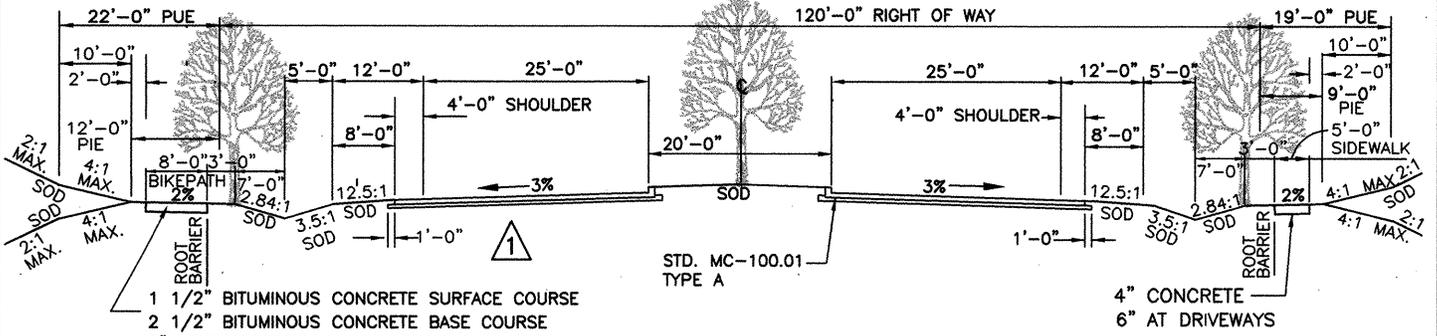


TYPICAL ROAD SECTION



1 1/2" BITUMINOUS CONCRETE SURFACE COURSE
2 1/2" BITUMINOUS CONCRETE BASE COURSE
6" AT DRIVEWAYS

4" CONCRETE
6" AT DRIVEWAYS

CLASS I BIKEPATH
(SEE NOTE 14)

PAVING SECTIONS

3" BITUMINOUS CONCRETE SURFACE COURSE IN 2 - 1 1/2" LAYERS
5" BITUMINOUS CONCRETE BASE
* 8" GRADED AGGREGATE BASE COURSE IN 2 - 4" LAYERS
APPROVED SUBGRADE

3" BITUMINOUS CONCRETE SURFACE COURSE IN 2 - 1 1/2" LAYERS
* 9" BITUMINOUS CONCRETE BASE COURSE IN 2 - 4 1/2" LAYERS
APPROVED SUBGRADE

*SUBGRADE DRAINS REQUIRED
SEE MC-525.01

PREFERRED

ALTERNATE

GENERAL NOTES

- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION.
- SEE STANDARD NO. MC-811.01 - METHODS OF GRADING SIDE SLOPES.
- PUBLIC UTILITY EASEMENTS (PUEs) ARE SUBJECT TO THE TERMS AND CONDITIONS OF A DOCUMENT ENTITLED "DECLARATIONS OF TERMS AND PROVISIONS OF PUBLIC UTILITY EASEMENTS" THAT IS RECORDED IN THE LAND RECORDS OF MONTGOMERY COUNTY IN LIBER 3834 AT FOLIO 457.
- THE SIDE DITCH IN FILL SLOPES MAY BE ELIMINATED IN AREAS NOT MASTER PLANNED FOR DEVELOPMENT ONLY AFTER OVERLAND FLOW PATH AND EROSION POTENTIAL ARE CONSIDERED.
- A PHYSICAL ROOT BARRIER SHALL BE PROVIDED WHERE STREET TREES ARE CLOSER THAN SIX FEET TO A SIDEWALK OR BIKEPATH. MINIMUM DEPTH OF ROOT BARRIER SHALL BE EIGHTEEN INCHES. ROOT BARRIER SHALL EXTEND A MINIMUM DISTANCE OF 10 FEET LONGITUDINALLY ON EITHER SIDE OF THE TREE.
- SEE STANDARDS NO. MC-701.01 AND MC-703.02 FOR SPECIES, SIZE AND SPACING OF STREET TREES.
- WHEN USING THIS STANDARD, ALL GARAGES SHALL BE SET BACK A MINIMUM DISTANCE OF 20 FEET, MEASURED FROM THE BACK EDGE OF THE SIDEWALK (OR BIKEPATH, AS APPROPRIATE).
- STREET LIGHTING POLES ARE TO BE LOCATED AS DIRECTED BY THE MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION.
- PUBLIC IMPROVEMENTS EASEMENTS (PIEs) ARE TO BE GRANTED BY A SITE SPECIFIC DECLARATION OF THE PUBLIC IMPROVEMENTS EASEMENT DOCUMENT. THAT DOCUMENT IS TO BE RECORDED IN THE LAND RECORDS OF MONTGOMERY COUNTY, MARYLAND AND REFERENCED ON THE RECORD PLAT.
- THE 2-FOOT WIDE SECTIONS OF THE PIEs BEHIND THE SIDEWALK/BIKEPATH ARE TO ALLOW FOR THE CONSTRUCTION, RECONSTRUCTION, AND MAINTENANCE OF THE SIDEWALKS AND BIKEPATH (AND THE INSTALLATION OF STREETLIGHTING BEHIND THE SIDEWALK AND/OR THE BIKEPATH, IF REQUIRED BY THE DIVISION TRAFFIC AND PARKING SERVICES).
- SEVERAL OF THE DIMENSIONS SPECIFIED ON THIS STANDARD REFLECT MODIFICATIONS TO THE VALUES SHOWN ON STANDARD NO. MC-301.03 (RESIDENTIAL DRIVEWAY/OPEN SECTION ROAD).
- DRIVEWAYS WILL BE CONSIDERED ON A CASE BY CASE BASIS BUT ARE NOT TO BE ENCOURAGED ON ARTERIAL ROADWAYS. DRIVEWAY PIPES LARGER THAN 15" x 21" MAY NOT BE USED WITH THIS STANDARD.
- ELEVATION AT THE FRONT EDGE OF SIDEWALK/BIKEPATH = OUTSIDE EDGE OF PAVED SHOULDER ELEVATION + 0.46'.
- BIKEPATH WILL BE REQUIRED ONLY IF SPECIFIED IN THE MASTER PLAN OR IF INCLUDED AS A CONDITION OF SUBDIVISION APPROVAL.

APPROVED 14 Feb 2001
DATE

[Signature]
DIRECTOR, DPWT

[Signature]
CHIEF, DIV. OF ENG. SERVICES

REVISED
1 Add (GAB)
08-24-00

MONTGOMERY COUNTY DEPARTMENT
OF PUBLIC WORKS AND TRANSPORTATION

ARTERIAL DUAL ROAD
OPEN SECTION WITH SIDEWALK
BIKEPATH, AND STREET TREES

STANDARD NO. MC-217.04