

GENERAL NOTES

1. Construction shall be performed in accordance with latest editions of the following, including all addenda, supplements or updates:
 - a. Design Manual - Volume One - Roads and Storm Drains, 1994 edition, of the Carroll County Department of Public Works.
 - b. Design Guide for Flexible Pavement, 2004, of the Carroll County Department of Public Works.
 - c. Book of Standards, Highway and Incidental Structures of the Maryland Department of Transportation, State Highway Administration.
 - d. Standard Specifications for Construction and Materials, 2008 edition, of the Maryland Department of Transportation, State Highway Administration.
 - e. Maryland Manual on Uniform Traffic Control Devices (MdMUTCD) 2009 Edition of the Maryland Department of Transportation, State Highway Administration.
 - f. Maryland Standards and Specifications for Soil Erosion and Sediment Control, 1994 edition, published jointly by Water Resources Administration, Soil Conservation Service and State Soil Conservation Committee.

All of the above noted publications are included by reference as part of these construction plans.

2. The Contractor shall notify the Carroll County Department of Public Works, Construction Inspection Division (410-386-2157) a minimum of three (3) working days before beginning work.
3. Contractor shall furnish, place and maintain traffic control measures as shown in these plans and as specified in the MdMUTCD. Contractor shall immediately remove and replace devices which are damaged, do not function properly, or are determined by Construction Inspector to be unsuitable for their purpose. Traffic control devices may be removed only upon approval of Construction Inspector.
4. Locations of existing utilities are shown only as notification to Contractor of the presence of underground utilities. Carroll County and the design engineer do not warrant or guarantee correctness or completeness of information shown. Contractor is responsible for contacting Miss Utility at 1-800-257-7777 for verifying existence and location of all utilities prior to beginning work. Any damage to existing utilities due to Contractor's operation shall be repaired immediately at Contractor's expense.
5. Developer is responsible in all regards for relocation of any existing utilities.
6. In case of discrepancy between scaled and figured dimensions, figured dimensions shall govern.
7. If for any reason proposed facilities cannot be constructed in accordance with approved plans, Contractor must immediately inform Construction Inspector or Construction Inspection Division (410-386-2157) and shall not begin or continue work on those items. If the Department of Public

Works determines plan revisions are necessary, no work shall be performed on the item(s) in question until revised plans issued by the design engineer are approved and issued for construction by the Bureau of Development Review.

8. Failure to mention specifically the provision of any item(s), or performance of any work or procedure which would normally be required to complete the project, shall not relieve the Contractor of his responsibility to provide such item(s) or to perform such work or procedure.
9. Construct earth fills for roads, embankments, and structures in accordance with Section 204 EMBANKMENT AND SUBGRADE of the MD SHA Standard Specifications for Construction and Materials. Compact the material that is 1 foot below the top of subgrade to at least 92.0% of maximum dry density using AASHTO T-180 method. Compaction of top one foot of fill shall not be less than 97.0% of maximum dry density using the same method.
10. Developer is responsible for providing soil, base aggregate and hot mix asphalt compaction testing. A certified technician must be onsite at all times during fill operations. Compaction tests must be certified by a Professional Engineer registered in the State of Maryland. Copies of soil compaction test results must be provided to, and approved by, the Construction Inspection Division prior to placement of curbs and/or base aggregate. Copies of base aggregate compaction test results must be provided to, and approved by, the Construction Inspection Division prior to placement of base hot mix asphalt.
11. Inlet grates in sumps shall be constructed level at elevation given in structure schedule. Inlets on grade shall be adjusted so that slope of grate matches finished flow line of curb. Top elevation shall apply to centerline of grate at flow line of curb. Cross slope of the grate shall match the road cross slope.
12. Pipe elevations shown on storm drain profiles are invert elevations unless otherwise noted.
13. Where ditch or waterway stabilization matting of any type is specified, installation shall be in accordance with manufacturer's recommendations. Matting shall be placed on bottom and side slopes to provide either 1.0' stabilized depth, unless otherwise indicated on plans.
14. All existing paving disturbed by utility cuts shall be replaced in accordance with Carroll County Standard Plate 47, Option 1 or Option 3 in the Design Manual, Volume 1 or as noted in the Utility Permit.
15. Once begun, road construction shall be continued until full depth of aggregate base and paving as shown on the typical section are placed, including the finished surface course. Aggregate base course and hot mix asphalt base course shall not remain uncovered for more than five working days.
16. Off-site borrow material to be imported for embankment construction and support of pavement is to meet the minimum subgrade soil specifications in Table 3 of the Design Guide for Flexible Pavements. CBR testing of off-site borrow material shall be completed and the test results submitted to and approved by the Bureau of Development Review prior to delivery of the material.

The paving design sections shown on the approved plans shall be reviewed and evaluated using the CBR testing results of the borrow material. Any changes to the pavement design sections based on the CBR test results shall be incorporated through the red-line revision process.

17. The design Equivalent Single Axle Loads (ESAL) and the design CBR value shall be noted on the construction plans.
18. Permanent signage and striping shall be furnished and installed by the Carroll County Bureau of Roads Operations. Contractor shall notify the Bureau of Roads Operations at 410-386-6717 a minimum of three (3) weeks prior to starting work and then again 48 hours prior to completion of work.
19. Construction vehicles, contractor or private, or construction materials or equipment shall not be parked, placed, or stored within any public right-of-way.

Revision Date:

4-13-98

7-7-98

9-11-00

12-27-01

11-05-02

08-19-03

11-06-03

08-08-2007

1-20-2011