



Department of Public Works  
111 Maryland Avenue, Rockville, MD 20850-2364

## **STORM DRAIN AND PAVING NOTES**

1. The contractor must contact the following prior to beginning work: **City Department of Public Works at 240-314-8500, City Transportation Division at 240-314-8500 (traffic signal locates and streetlight locates), City Utilities Section at 240-314-8567 and Miss Utility at 1-800-257-7777, 48 hours before excavating.**
2. All storm drain and paving construction shall be in accordance with the latest General Specifications and Standard Details of the Maryland State Highway Administration, Montgomery County and the City of Rockville unless otherwise noted.
3. Information concerning existing underground utilities was obtained from available records. The Contractor must determine the exact location and elevation of existing utilities by digging test pits by hand at all utility crossings well in advance of trenching.
4. Maintain minimum one-foot vertical clearance between all storm drain crossings and other utilities. If clearance is less than shown on this plan, contact the City Department of Public Works Engineer before proceeding with construction.
5. Trench backfill shall be compacted to 95% per AASHTO T-99, Method C and compacted with correct moisture content. Contractor shall supply the City Inspector with certified compaction test results from an independent Geotechnical Engineer who is certified by Maryland.
6. Where any part of the storm drain system is located in a fill section, provide select fill material compacted to 95% AASHTO T-180, Method C with correct moisture content from existing ground to approved pipe subgrade. Contractor shall supply City Inspector with certified compaction test results from a Geotechnical Engineer who is certified by Maryland.
7. The public road utility patch shall be in accordance with City Standard Detail #60 or #60A. All trenches in public streets are to be filled with compacted CR-6 or recycled concrete to subgrade. Mill and overlay requirements (see City Standard Detail #50) at street cuts shall be determined by the Chief, Contract Management Division.
8. Unless otherwise specified, all storm drain pipes shall be installed with Montgomery County Standard "C" shaped subgrade bedding or better.
9. If springheads are encountered in any phase during construction, construction must be stopped until they are capped and piped to a storm drain or stream as directed by the City Inspector.
10. Provide positive drainage of all areas disturbed by construction. Minimum slope in paved areas is 1%. Minimum slope of graded areas is 2%. Maximum slope on earth banks is 3:1.
11. When tying into existing pavement, saw cut existing paving edge to provide a clean, straight and vertical joint. When removing existing curb or sidewalk, remove to the nearest joint.

12. Sheeting and shoring shall be the total responsibility of the Contractor. Drawings shall be certified by a Maryland professional engineer and submitted to the City Inspector for informational purposes only.
13. Paving Contractor is responsible for adjusting utility tops to furnished grade.
14. Handicap parking, signing, access, handrails and railings for the disabled shall conform to the "Americans with Disabilities Act," (ADA) requirements.
15. Contractor is responsible for installing all pavement markings and signage in accordance with the Final Pavement Marking and Signage Plan, which is approved by the Chief, Traffic and Transportation Division.
16. Traffic must be maintained on all roadways within the construction area as directed by the Chief, Contract Management Division. No major street closure shall be permitted between 7:00-9:00 a.m. or 3:30-6:00 p.m., Monday through Friday. Deployment and design of all traffic control devices shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). If required, traffic control plans shall be reviewed and approved by the Chief, Traffic and Transportation Division.
17. Shop drawings must be reviewed and approved by a Maryland Professional Engineer prior to fabrication. Provide three (3) copies of approved shop drawings to the City prior to construction. Standard pre-cast structures previously approved by the Maryland State Highway Administration and Montgomery County are acceptable.
18. For pavement sections of private driveways and parking lots, refer to Zoning and Planning Ordinance, SEC 25-415 - Pavement Specifications.
19. Upon completion of construction, the applicant shall submit three (3) sets of red lined "as-built" prints for review and approval to Public Works Department, Attention: Engineering Division. Upon receipt of written approval and prior to release of the permit, the applicant shall provide to the City the original "as-built" mylar drawings (24" x 36") with original approval stamp, original PE seal, and As-Built Certification, certified by a Professional Engineer.