Appendix C

Stormwater Management Concept
APPENDIX C: STORMWATER MANAGEMENT CONCEPT

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1. As noted on the existing condition drawings, currently Little Falls Parkway allows for only one lane of traffic in each direction (north and south) throughout the project area. The two lanes of traffic are separated by a grass median in the median.
2. Additionally noted on the existing condition drawings, the installation of flexible pavements, that is, permeable pavers, will allow for the collection of stormwater and runoff from the roadway. These pavers and permeable pavements will be part of the stormwater management plan.
3. The project will also include the addition of rain gardens and green roofs to the current stormwater management system.
4. As noted on the project drawings, the proposed Little Falls Parkway will connect to the existing road network at a new location and new alignment.

A. Proposed Little Falls Parkway will connect to the existing road network at a new location and new alignment.
B. As noted on the project drawings, the proposed Little Falls Parkway will connect to the existing road network at a new location and new alignment.
C. As noted on the project drawings, the proposed Little Falls Parkway will connect to the existing road network at a new location and new alignment.

APPENDIX C: STORMWATER MANAGEMENT CONCEPT
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EXISTING LAND COVER MAP

PROPOSED LAND COVER MAP

SHEET NO. 13

THE CAPITAL CRESCENT PATH CROSSING AT LITTLE FALLS PARKWAY FROM ARLINGTO ROAD TO HILLANDALE ROAD

APPENDIX C: STORMWATER MANAGEMENT CONCEPT

B. ESDN Requirement Calculations Based on LOC

PROPOSED SITE LAND COVER TABLE

<table>
<thead>
<tr>
<th>Land Cover</th>
<th>Area (in.)</th>
<th>% Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass</td>
<td>2002.5</td>
<td>50%</td>
</tr>
<tr>
<td>Impervious</td>
<td>1004.6</td>
<td>25%</td>
</tr>
</tbody>
</table>

Note: The loc values assumed for the areas where constructed land cover is proposed. 50% cover is assumed for the area.

SITE ESDN AREA MAP

CAPITAL CRESCENT PATH CROSSING AT LITTLE FALLS PARKWAY FROM ARLINGTO RD TO HILLANDALE RD