### ROADWAY CLASSIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>RADIUS OF ISLAND ($R_i$)</th>
<th>RADIUS OF CUL-DE-SAC PAVING ($R_{pp}$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY, SECONDARY, TERTIARY RESIDENTIAL STREETS</td>
<td>15'</td>
<td>45'</td>
</tr>
<tr>
<td>COMMERCIAL, INDUSTRIAL, BUSINESS DISTRICT STREETS</td>
<td>24'</td>
<td>60'</td>
</tr>
</tbody>
</table>

*All dimensions to "face" of curb (8" from back of curb)*

### GENERAL NOTES

1. The width from face of curb to right-of-way line (Wor) specified on the approach road standard shall be maintained around entire cul-de-sac. Widths and lateral locations of curbside elements such as sidewalks, shall also be maintained.

2. A 90' diameter ($R_{pp}=45'$) paved cul-de-sac is minimum required by fire safety code - apparatus access regulations.

3. Curb and gutter on center island to be MC-101.01 with spilled gutter.

4. Paving section and thickness within cul-de-sac shall conform to the same paving section as the approach road.

5. Center island to be molded to drain at 2% min. grade and stabilized with sod or low-growing landscape material (no trees).

6. Provide 1% minimum flowline grade. Top of curb elevations are required on plans for curb at intervals not to exceed 50 feet.

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**APPROVED** 23 August 12  
**DATE**

**DIRECTOR, DEPARTMENT OF TRANSPORTATION**

**CHIEF, DIVISION OF TRANSPORTATION ENGINEERING**

**MONTGOMERY COUNTY**  
**DEPARTMENT OF TRANSPORTATION**

**CUL-DE-SAC**  
**CURB AND GUTTER ROADS**  
**STANDARD NO. MC-222.01**