DESIGN CRITERIA:

- **Design Speed:** 55 M.P.H.
- **Curve Radius:** 990' MIN. (WITH MAX. SUPERELEVATION)
- **Gradient:** 0.6% MIN. - 10% MAX.
- **Stopping Site Distance:** 500' MIN.
- **Intersection Site Distance:** 605' MIN.
- **Vertical Clearance:** 15'
- **Design Loading:** (AASHO) H-20
- **Superelevation:** 0.07 MAX.
- **Traffic Index:** 6.0
- **Passing Sight Distance:** 1950' MIN.
- **Length of Vertical Curve:** SEE PLATE NO. 3-8
- **Curves:** SUPERELEVATION PER PLATE NO. 3-5

DRAINAGE:

- SEE "1" SERIES PLATES

### TABLE FOR A.B./A.S.B.

<table>
<thead>
<tr>
<th>BASEMENT SOIL 'R' VALUE</th>
<th>&gt; 42</th>
<th>37-42</th>
<th>32-36</th>
<th>27-31</th>
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<th>17-21</th>
<th>12-16</th>
<th>7-11</th>
<th>&lt; 7</th>
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</thead>
<tbody>
<tr>
<td>A.S.B. THICKNESS WHEN USED WITH 6&quot; A.B.</td>
<td>4&quot;</td>
<td>5&quot;</td>
<td>6&quot;</td>
<td>7&quot;</td>
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<tr>
<td>ALTERNATE - A.B. ONLY</td>
<td>6&quot;</td>
<td>7&quot;</td>
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<td>11&quot;</td>
<td>12&quot;</td>
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<td>14&quot;</td>
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</tbody>
</table>

NOTES:

1. ROAD WIDTH MAY BE ADJUSTED IF EQUESTRIAN TRAIL IS REQUIRED.
2. THE CITY TRAFFIC ENGINEER MAY REQUIRE MODIFICATIONS TO PROPOSED LANDSCAPING, BERMS, SLOPES, STREET FURNITURE, WALLS OR STRUCTURES WITHIN THE SIDEWALK OR PARKWAY AREA, AS WELL AS OUTSIDE OF THE PUBLIC RIGHT-OF-WAY, WITHIN 500' OF ANY INTERSECTION TO COMPLY WITH SIGHT DISTANCE REQUIREMENTS.