### Design Criteria:

**Design Speed**: 25 M.P.H.

**Curve Radius**: 225' Min.

**Gradient**: 0.6% Min. - 15% Max. or as determined by the Public Works Director

**Stopping Sight Distance**: 150' Min.

**Intersection Sight Distance**: 275' Min.

**Superelevation**: None

**Curb Return Radius**: 25' Min., 35' at intersection with primary and secondary roads

**Traffic Index**: 6.0

### 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>
<th>22-26</th>
<th>17-21</th>
<th>12-16</th>
<th>7-11</th>
<th>&lt; 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.S.B. Thickness When Used with 6&quot; A.B.</td>
<td>____</td>
<td>____</td>
<td>____</td>
<td>4&quot;</td>
<td>5&quot;</td>
<td>6&quot;</td>
<td>7&quot;</td>
<td>8&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td>Alternate - A.B. Only</td>
<td>6&quot;</td>
<td>7&quot;</td>
<td>8&quot;</td>
<td>9&quot;</td>
<td>10&quot;</td>
<td>11&quot;</td>
<td>12&quot;</td>
<td>13&quot;</td>
<td>14&quot;</td>
</tr>
</tbody>
</table>

### Notes:

1. **Length of Vertical Curve**, see Plate No. 3-8.
2. **3' from Curb to Hinge Point**, 1' if side slope is less than 5% outside Right-of-Way.
3. **Additional Width of Road Right-of-Way** and/or 6' wide public service easement may be required for sidewalks, utilities and landscaping.
4. **Pavement Width Measured from Top Inside Face of Opposing Curbs.**
5. **P.C.C. Pavement Required for Grades of 15% or More.** P.C.C. Pavement design shall be approved by the City Engineer.
6. **Street Trees shall be Required.**
7. **Local Purpose Road** provides access to 39 dwelling units or less.
8. **Base under Curb and Gutter shall extend to same depth as Street base (6" Min.).**
9. **The City Traffic** City Engineer may require modifications to proposed landscaping, berms, slopes, street furniture, walls or structures within the sidewalk area or parkway area, as well as outside of the public right-of-way, within 500' of any intersection to comply with sight distance requirements.