### DESIGN CRITERIA:

- **DESIGN SPEED**: 55 M.P.H. MIN.
- **CURVE RADIUS**: 1160' MIN. (WITH MAX. SUPERELEVATION)
- **GRADIENT**: 0.6% - 6.0% OR AS DETERMINED BY THE PUBLIC WORKS DIRECTOR
- **STOPPING SIGHT DISTANCE**: 500' MIN.
- **INTERSECTION SIGHT DISTANCE**: 605' MIN.
- **SUPERELEVATION**: 0.04 MAX. 3
- **CURB RETURN RADIUS**: 35' MIN.
- **CURVE LENGTH**: 500' MIN., 0.5 MILE MAX.
- **TRAFFIC INDEX**: 8.0

### DRAINAGE:

SEE "1" SERIES PLATES

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

<table>
<thead>
<tr>
<th>BASEMENT SOIL 'R' VALUE</th>
<th>≥ 52</th>
<th>45-51</th>
<th>38-44</th>
<th>31-37</th>
<th>24-30</th>
<th>17-23</th>
<th>9-16</th>
<th>&lt; 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.S.B. THICKNESS WHEN USED WITH 6&quot; A.B.</td>
<td>6&quot;</td>
<td>8&quot;</td>
<td>10&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
<td>16&quot;</td>
<td>18&quot;</td>
<td>20&quot;</td>
</tr>
</tbody>
</table>

### NOTES:

1. EMERGENCY PARKING ONLY.
2. PAVEMENT WIDTH MEASURED FROM TOP INSIDE FACE OF OPPOSING CURBS.
3. BASE UNDER CURB AND GUTTER SHALL EXTEND TO SAME DEPTH AS STREET BASE (6" MIN.).
4. ADDITIONAL EASEMENTS MAY BE REQUIRED FOR UTILITIES WHERE NECESSARY.
5. STREET TREES SHALL BE REQUIRED BEHIND SIDEWALK UNLESS 10' SIDEWALK IS PROVIDED.
6. FOR LENGTH OF VERTICAL CURVE, SEE PLATE NO. 3-8.
7. FOR CURVES > 1200', SUPERELEVATION PER PLATE NO. 3-5.
8. MEDIAN LANDSCAPING, BERMING AND STREET FURNITURE IN MEDIAN AND ALONG PARKWAYS LOCATED WITHIN 500' OF ANY MEDIAN OPENING OR INTERSECTION SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER.