**SYMBOLS:**
- Work Zone Sign
- Lane Identification and Direction of Traffic

**LENGTH OF ACCESS LANES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>D (feet)</th>
<th>D (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2% or less</td>
<td>590</td>
<td>1540</td>
</tr>
<tr>
<td>3 to 4% Upgrade</td>
<td>530</td>
<td>2330</td>
</tr>
<tr>
<td>3 to 4% Downgrade</td>
<td>710</td>
<td>925</td>
</tr>
</tbody>
</table>

**NOTES:**
1. X = Work Zone Sign Distance
   - See Index 102-000 for "X" value.
2. Locate temporary openings in areas having adequate sight distance.
3. Do not locate temporary openings within 1.5 miles of interchanges, nor within 2000 feet of the acceleration-deceleration lanes at rest areas, median openings, other access openings, or other highway service areas.
4. Do not remove existing guardrail or barrier for temporary openings.
5. Use mitered end sections for any end sections within the clear zone.
6. Match cross slope of existing shoulder for widening.
7. Provide 2' of unpaved shoulder outside of the widening.