Rockfall Control Measures in District 11
Three Areas to Consider

- Design
  - Economy
  - Geology
  - Rockfall Control

- Construction

- Maintenance
♦ Design

- Economy
- Geology
- Rockfall Control
Geology
Rockfall Control

Example: Locations for Rock Fence

- Substitute check fences on long slopes if desired.
- Use alternate design shown in dashed lines in steep sections except ground above 300 feet produces rock fall.
- Use rock fences on shoulders.

Table: Rock Slope

<table>
<thead>
<tr>
<th>ROCK SLOPE</th>
<th>NEAR VERTICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>W</td>
</tr>
<tr>
<td>15 - 20</td>
<td>15</td>
</tr>
<tr>
<td>30 - 50</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ROCK SLOPE</th>
<th>5.25:1 &amp; 5.9:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>W</td>
</tr>
<tr>
<td>15 - 20</td>
<td>15</td>
</tr>
<tr>
<td>30 - 50</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ROCK SLOPE</th>
<th>5.8:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>W</td>
</tr>
<tr>
<td>15 - 20</td>
<td>15</td>
</tr>
<tr>
<td>30 - 50</td>
<td>20</td>
</tr>
</tbody>
</table>

Further modification has been developed by the Washington State DOT (Figures 6-14 and 6-15).
COLORADO ROCKFALL SIMULATION PROGRAM
VERSION 4.0
For Windows 95, 98, and NT

March 2000
Rockfall Control
Rockfall Control
Construction
Rockfall Control
Construction
♦♦ Maintenance♦♦
Maintenance
Maintenance
For more information:

Jim Graham
Geotechnical Field Engineer
Jim.Graham@dot.state.oh.us
330.308.3980