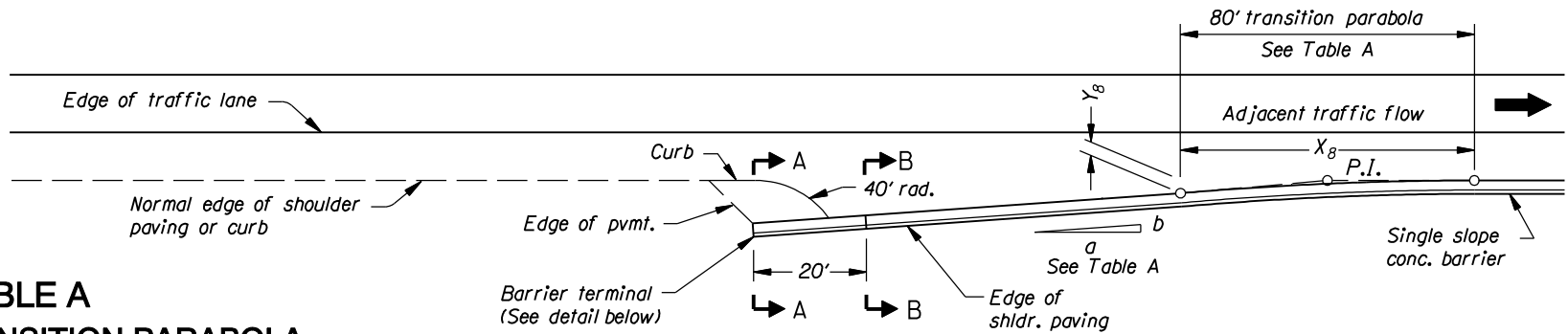
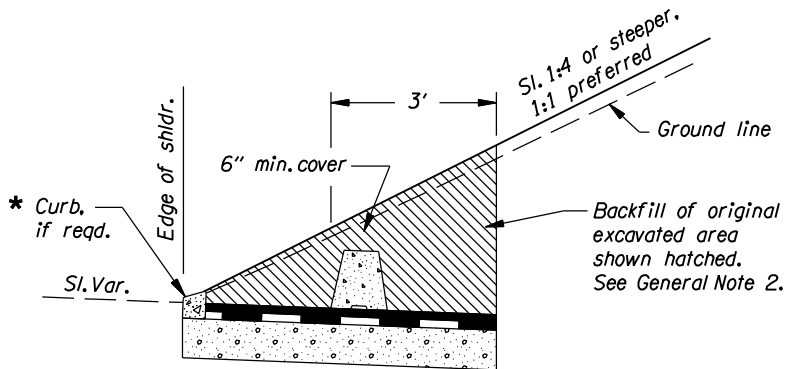
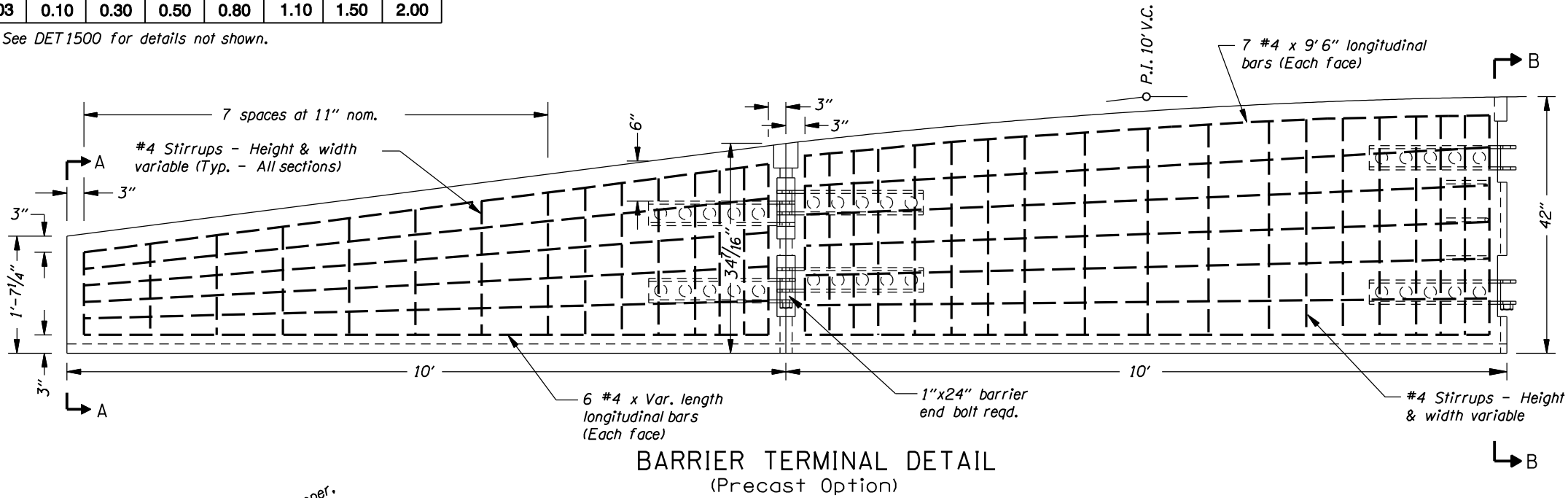




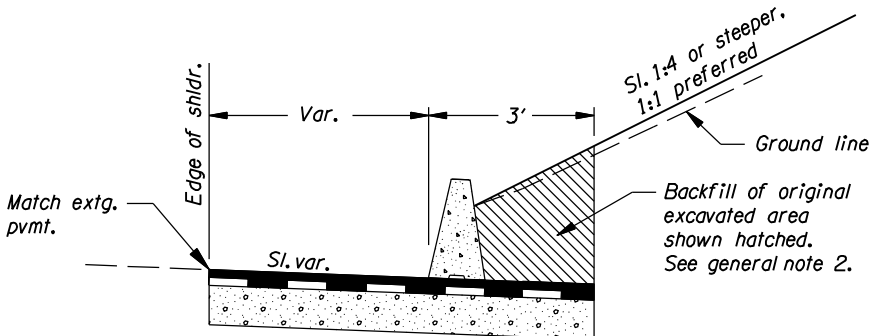
**TABLE A**  
**FLARE RATES AND TRANSITION PARABOLA**

| Flare Rate<br>a:b |        | Concrete Barrier Segment |      |      |      |      |      |      |      |
|-------------------|--------|--------------------------|------|------|------|------|------|------|------|
|                   |        | 1                        | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|                   | X (ft) | 10.0                     | 20.0 | 30.0 | 40.0 | 50.0 | 60.0 | 70.0 | 80.0 |
| 20:1              | Y (ft) | 0.03                     | 0.10 | 0.30 | 0.50 | 0.80 | 1.10 | 1.50 | 2.00 |

See DET1500 for details not shown.



NOTE: Surfacing details same as adjacent shldr.  
\* For curb type or ditch, see plans.



NOTE: Surfacing details same as adjacent shldr.

**GENERAL NOTES FOR ALL DETAILS:**

1. If the slope is flatter than 1:1, ensure that there is a clear recovery area behind the barrier, with no funneling effect to the back of the obstruction.
2. Provide drainage as required.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

**OREGON DEPARTMENT OF TRANSPORTATION**  
**TECHNICAL SERVICES**  
**DETAILS**

**SINGLE SLOPE BARRIER**  
**BURIED IN BACKFILL**

DETAIL NO.  
**DET1514**