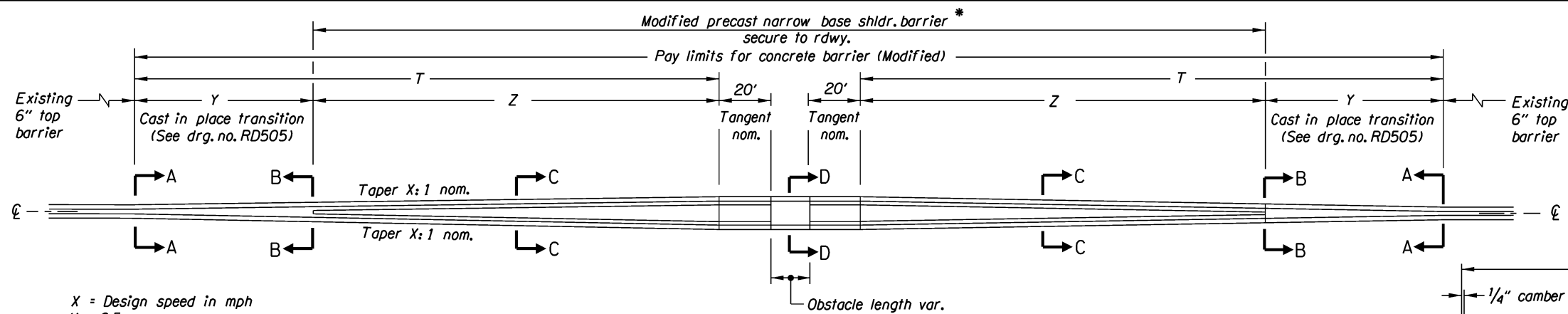
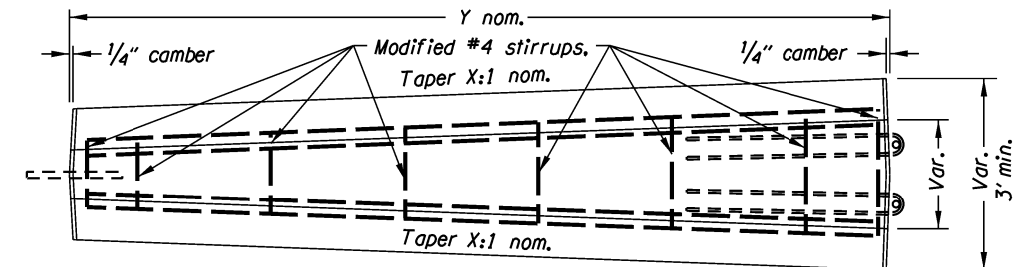
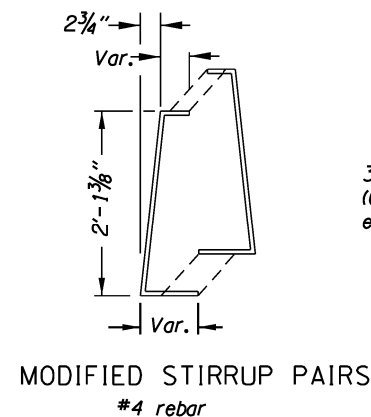
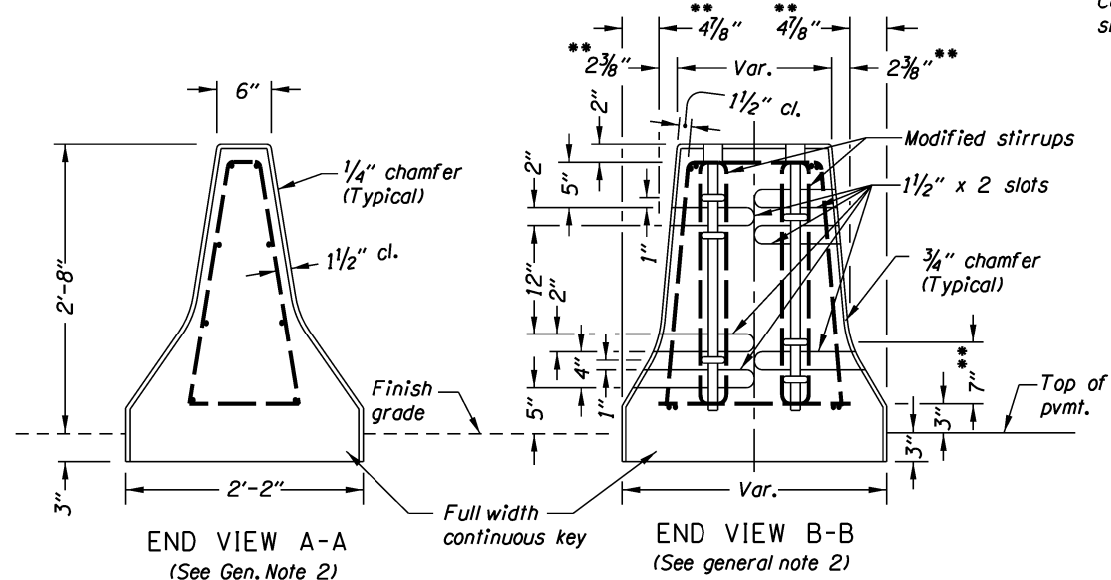




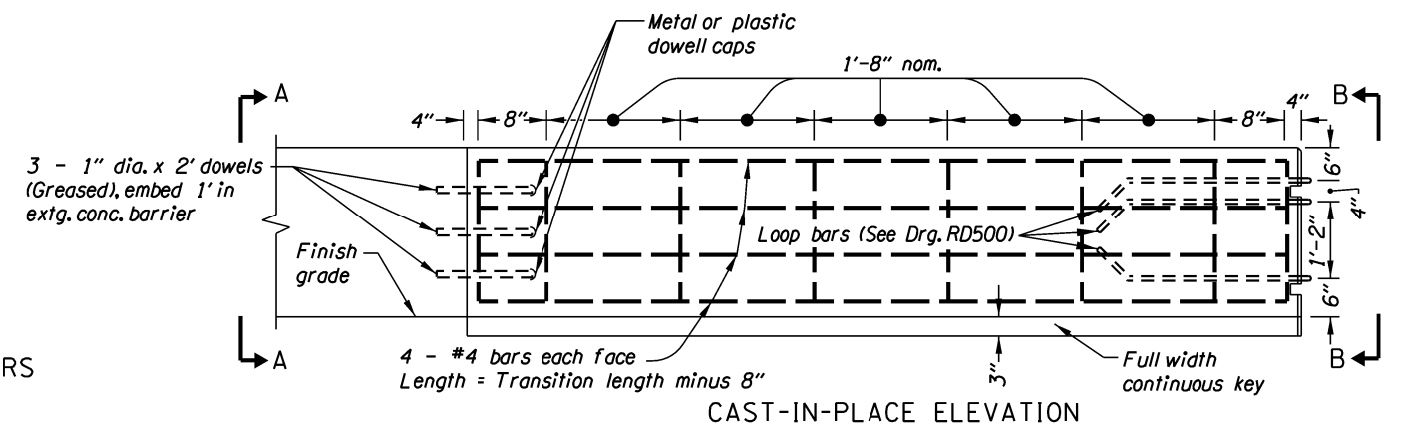
\* Modification of barrier consists of providing 1 1/2" x 4" paving ledge as shown in Section C-C

X = Design speed in mph  
Y = 0.5x  
T = (1/2 Obstacle width in feet + 0.32+a)(X)  
Z = T - Y  
a = 2' nom.  
0.83' min.

\*\* Dimensions marked thus are to the intersection point of the barrier slopes. Construct the 10" radius to provide a smooth transition between the slopes.



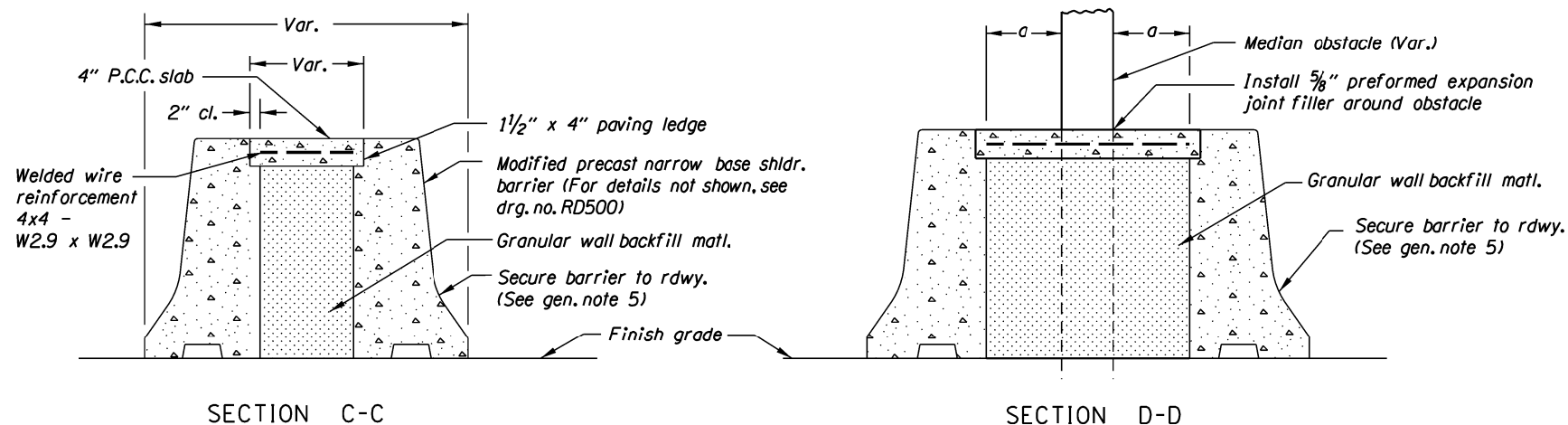
CAST-IN-PLACE TRANSITION PLAN



CAST-IN-PLACE ELEVATION

GENERAL NOTES FOR ALL DETAILS

1. For details not shown, see drg. no. RD500.
2. Field verify end configurations of narrow base barrier and extg. barrier prior to forming connections to transitions.
3. All reinforcing steel shall conform to ASTM A706 or AASHTO M31 (ASTM A615) grade 420.
4. All metal reinforcement shall be 1 1/2" (Min.) clear of nearest face of concrete, unless otherwise shown.
5. Pinned Barrier - 2 holes and pins reqd.



SECTION C-C

SECTION D-D  
(For additional details not shown, see section C-C)

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**

**CONCRETE BARRIER (MODIFIED)**  
**AROUND MEDIAN OBSTACLE**  
**TRANSITION TO EXTG. 6" TOP BARRIER**

DETAIL NO.  
DET1522