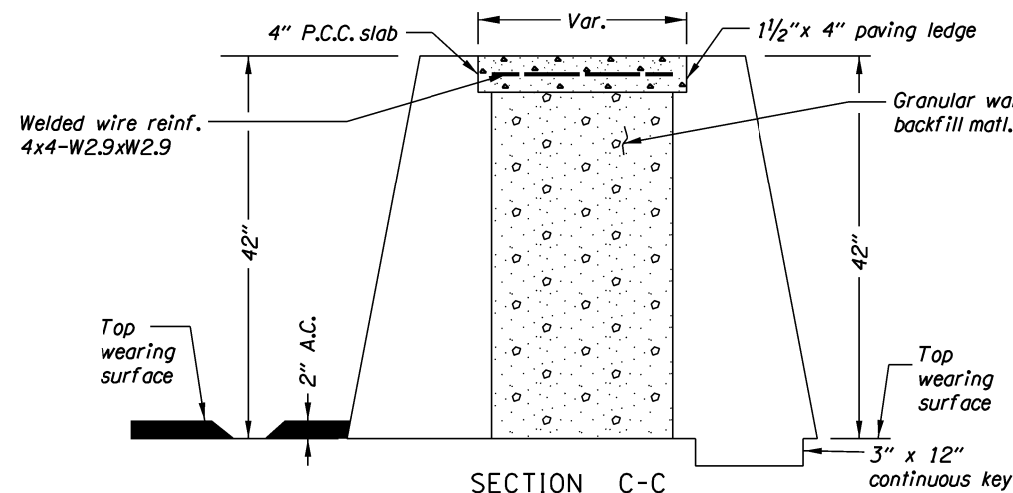
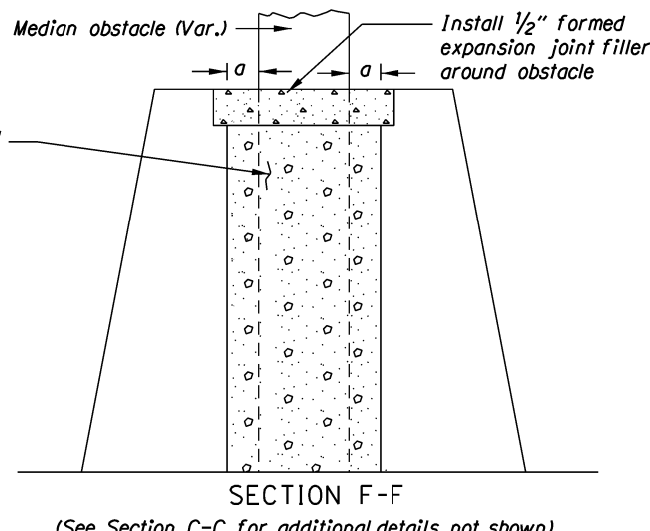


X = Design speed in mph
Y = 0.5X
T = (1/2 obstacle width in feet + 0.411 + a)(X)
Z = T - Y
a = 2' nom.
0.8' min.

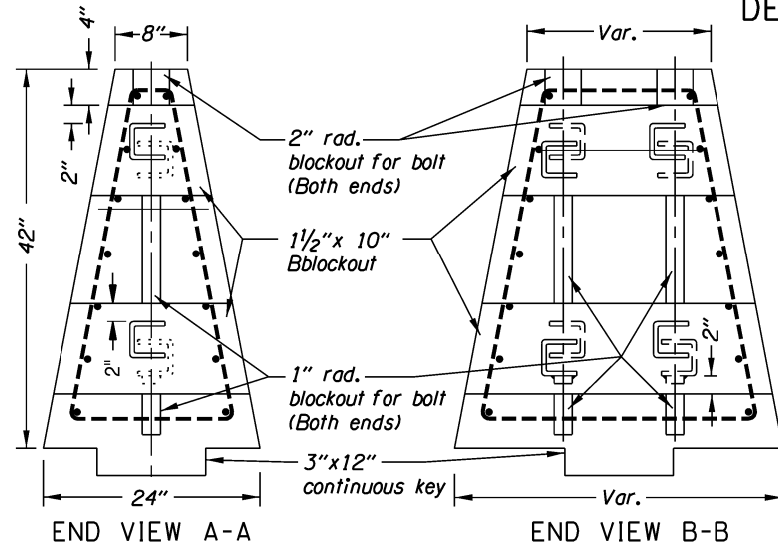
* Modification of barrier consists of providing 1 1/2" x 4" paving ledge as shown in section C-C



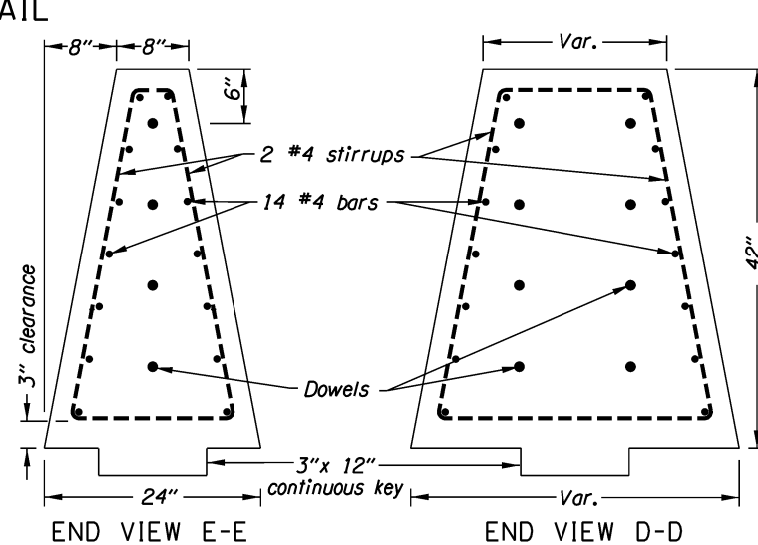
PRECAST OPTION
DETAIL



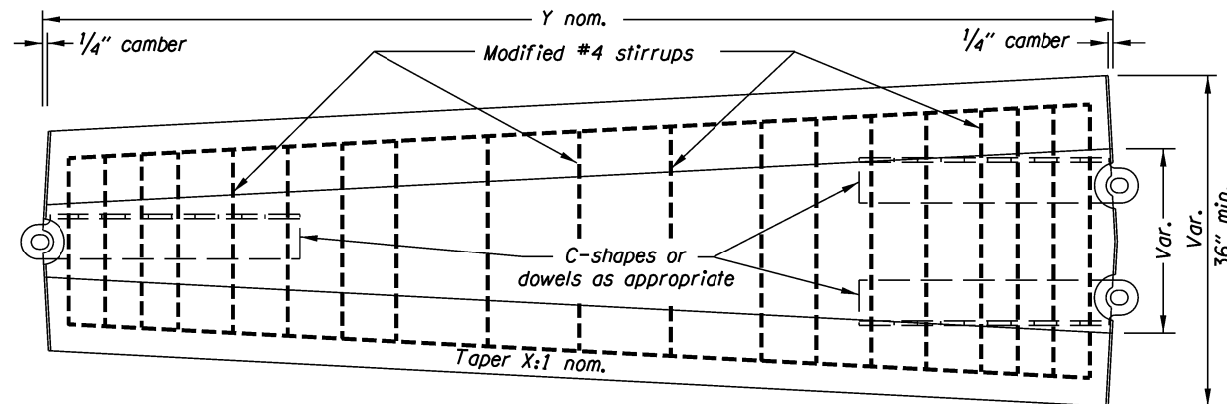
CAST IN PLACE/
SLIP-FORM OPTION
DETAIL



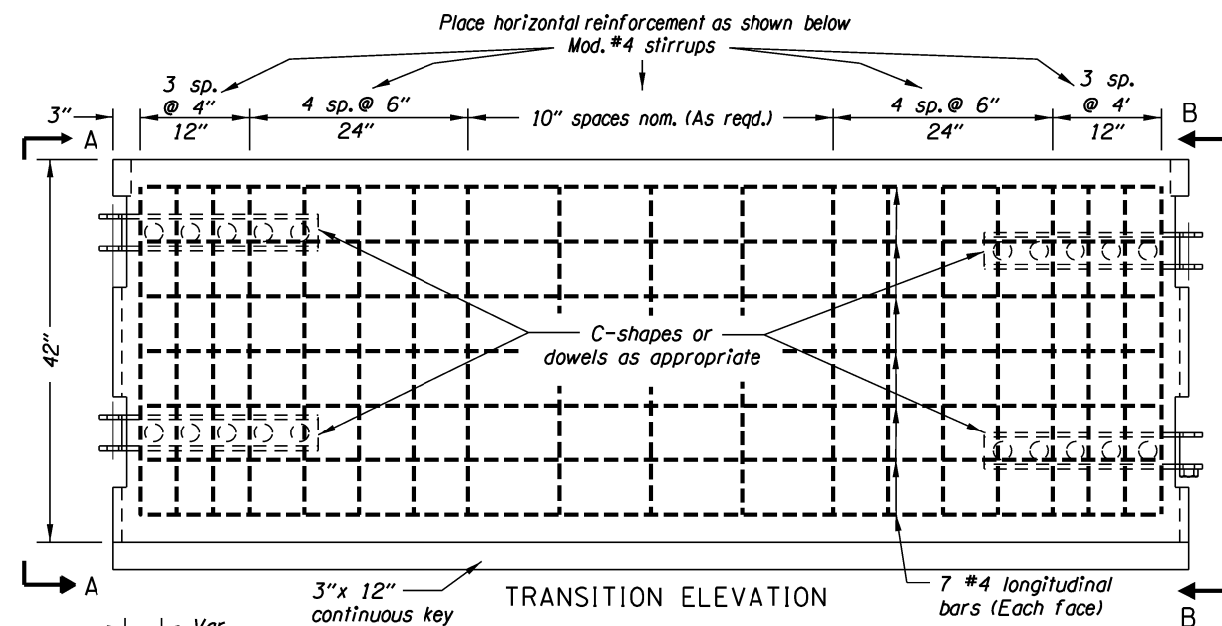
DETAIL WHEN CONNECTING
TO PRECAST BARRIER



DETAIL WHEN CONNECTING TO
CAST IN PLACE/SLIP-FORM BARRIER



TRANSITION PLAN



TRANSITION ELEVATION

MODIFIED #4 STIRRUP

GENERAL NOTES FOR ALL DETAILS:

1. Field verify end configurations of single slope barrier and narrow base single slope barrier prior to forming connections to transitions.
2. All reinforcing steel shall conform to ASTM A706 or AASHTO M31 (ASTM A615) grade 420. All bars shall be full length as shown and shall be placed 1 1/2" clear of the nearest face of concrete, unless shown otherwise.

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
CONCRETE BARRIER
AROUND MEDIAN OBSTACLE

DETAIL NO.
DET1504