



### NOTES:

1. 7/8" Ø THREADED INSERTS SHALL BE CAST INTO THE PRECAST BEAMS BY THE FABRICATOR AND SHALL PROVIDE A MINIMUM NOMINAL TENSILE RESISTANCE OF 21.0 KIPS AND A MINIMUM NOMINAL SHEAR RESISTANCE OF 21.0 KIPS IN 3000 PSI CONCRETE.
2. INSERTS SHALL BE SET PERPENDICULAR TO THE NEBT WEB.

## TYPICAL INTERMEDIATE DIAPHRAGM

SCALE: 1/2" = 1'-0"

### NOTE:

For NEBT 1000 use 1 insert at midbeam.

For NEBT 1200 and NEBT 1400, use 2 inserts.

For NEBT 1600 and NEBT 1800, use 3 inserts equally spaced.



LRFD BRIDGE  
MANUAL, PART II

INTERMEDIATE DIAPHRAGM  
DETAIL (SKEW > 30°)  
PRECAST CONCRETE NEBT BEAMS

DATE OF ISSUE  
JUNE 2013

DRAWING NUMBER

**6.1.12**