



NOTES:

1. ALL STRUCTURAL STEEL FOR UTILITY SUPPORTS SHALL CONFORM TO AASHTO M 270 GRADE 36. ALL STRUCTURAL STEEL AND FASTENERS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111 AND M 232.
2. THE $\frac{3}{4}'' \text{ } \phi$ THREADED INSERTS FOR $\frac{3}{4}'' \text{ } \phi$ H.S. BOLTS SHALL BE CAST INTO THE PRECAST BEAMS BY THE FABRICATOR AND SHALL PROVIDE A MINIMUM NOMINAL TENSILE RESISTANCE OF 6.0 KIPS AND A MINIMUM NOMINAL SHEAR RESISTANCE OF 6.0 KIPS IN 3000 PSI CONCRETE.
(The Designer shall determine the required insert capacities if $S > 12$ feet).
3. THE UTILITY SUPPORT ANGLE SHALL BE ERECTED WITH THE LONG LEG VERTICAL.
4. INSERTS SHALL BE POSITIONED TO AVOID INTERFERENCE WITH PRESTRESSING STRANDS.

UTILITY BAY DETAILS

SCALE: $\frac{3}{4}'' = 1'-0''$

NOTE:

See Dwg. No. 6.1.17 For Designer Notes.



LRFD BRIDGE
MANUAL, PART II

UTILITY BAY DETAILS
(PREFERRED)
PRECAST CONCRETE NEBT BEAMS

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