



NOTE:

#6 HEADED DOWEL BAR SPLICERS SHALL BE CAST INTO THE PRECAST BEAMS BY THE FABRICATOR. THEY SHALL BE EMBEDDED AS REQUIRED TO PROVIDE A MINIMUM NOMINAL TENSILE RESISTANCE OF 39.6 KIPS AS SPECIFIED BY THE MANUFACTURER.

**INTERMEDIATE DIAPHRAGM
WITH UTILITY**

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

NOTES:

1. In case of utility, the intermediate diaphragms shall be omitted for B-24, B-27, B-30 and B-33 beams. For deeper beams, the intermediate diaphragm may still have to be modified depending on the size of utility. The Designer shall consider modifying the diaphragm to an inverted U and designing the reinforcement as a frame.
2. The type of utility shown is conceptual and shall be modified to accommodate the actual type.



LRFD BRIDGE
MANUAL, PART II

**INTERMEDIATE DIAPHRAGM
WITH UTILITY**

PRECAST CONCRETE BOX BEAMS

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