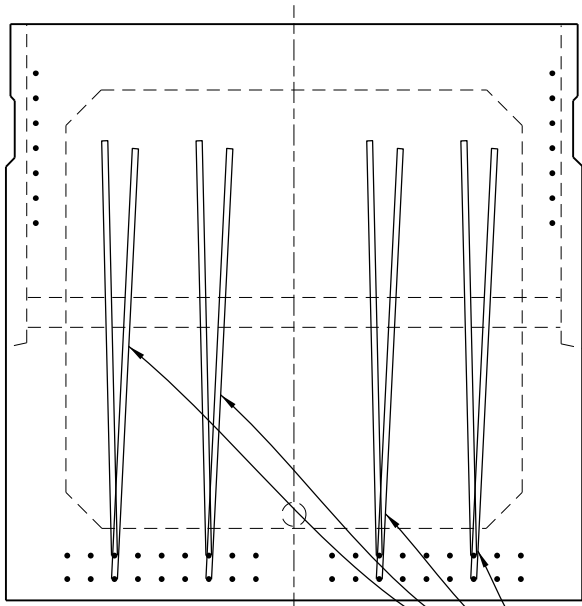
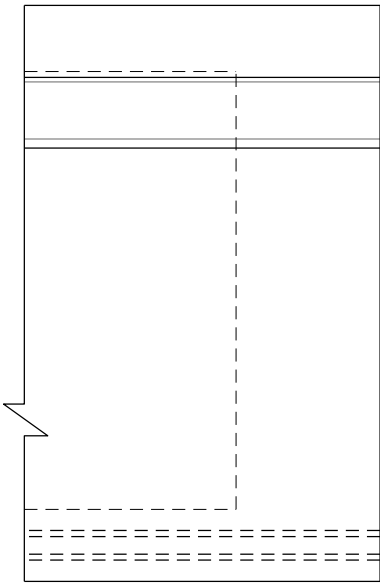




STRAND EXTENSION END VIEW

Scale: 3/4" = 1'-0"

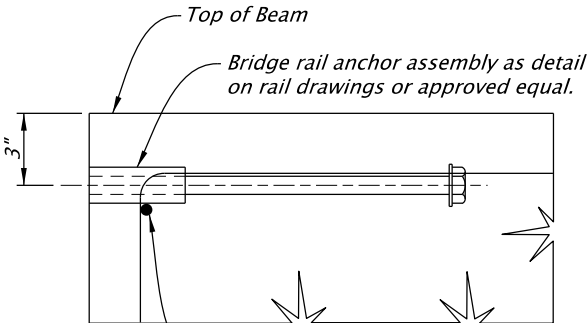
NOTE:
48" Box beam shown, no reinforcement shown for clarity. See standard drawings BR425, BR430, BR435 and BR440 for sections.



STRAND EXTENSION ELEVATION

Scale: 3/4" = 1'-0"

Extend ____ strands, ____" long.
Bend strands as shown after forms are removed.



RAIL POST ANCHORAGE DETAIL

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

____ PRECAST PRESTRESSED BOX(ES)

Box Number	Number Required	Span Number	Horizontal Length o-o at box ends, ft. (after Shortening)	Slew Angle		Number of Strands	Deflected Strands	Distance "de" to c.g. strand at box end, in.	Distance "dm" to c.g. strand at midspan, in.	Concrete Strength @ 28 Days, ksi	Concrete Strength @ Release, ksi	Initial Tension per Strand, kips	Estimated Midspan Deflection, in.					Estimated Shortening 2 weeks after Release, in.
				Back	Ahead								Upward at Release	Upward 3 months after Release	Upward 5 years after Release	Downward Due to SIDL	Downward Due to SIDL 5 yrs. after Loading	

The superimposed dead load (SIDL) is ____ lbs./ft. which includes the present wearing surface, bridge rails, utilities and allowance for ____ depth of future wearing surface.

NOTE TO DESIGNER:
Show only the required strands for each strand configuration required. Remove sections for depths not used.

NOTE TO DESIGNER:
Modify dimensions and locations of extended strands as required by the design.

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 first consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION



ENGINEERING AND
TECHNICAL SERVICES BRANCH

PRECAST PRESTRESSED
BOX SCHEDULE

DETAIL NO.

DET3465