



## BEARING DETAILS

### REINFORCED LAMINATED ELASTOMERIC BEARING PADS PRESTRESSED CONCRETE BEAMS

#### NOTES TO DESIGNER:

Standard is for use with prestressed concrete beams.

Use LAMPAD computer program to design the laminated elastomeric bearings. (LAMPAD program for use by in-house design staff only.)

Bearings may be fixed by welding washer WI to the sole plate (see Section C-C).

Do not bevel the sole plate unless the Grade % of the bridge exceeds the Grade % printed in the LAMPAD\* output. Instead enter 0 (zero) in the table for the Grade %. Round off grade to two decimal places. The grade is the grade of the chord between the bearings at opposite ends of a beam.

On vertical curves with skewed substructures, bearings may be grouped together by average Grade % as long as the grade does not vary by more than 0.125% in any group.

#### ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:

#### TABLE:

Complete table with data as applicable: Span (designation), Abutment (A or B normally), Pier (designation), Beam Type (II thru VI or PCBT (Bulb-T)), and output data from LAMPAD computer program.

"A" is dimension on centerline bearing. Minimum height is 2". Minimum dimension may be varied to suit grade by increasing the sole plate thickness. Minimum thickness of sole plate is  $\frac{3}{4}$ ".

#### NOTES:

Add sheet number to "For closure diaphragm details, see sheet " if prestressed beam is designed for continuity (continuous for live load, etc.) or delete if not applicable.