

NOTES

CONCRETE: Use Class C concrete. Construct top and end edges with either a 1" radius or 3/4" chamfer.

CONTRACTION JOINT: Maximum allowable spacing of unsealed joints is 20' throughout the run of the barrier. Construct joints by using metal inserts inside the forms, preformed full width joint filler, a grooving tool, or by sawing. Inserts, tooled, or sawed joints will have a 3" depth. Construct all joints for the full height of the barrier. Saw as soon as curing will allow to prevent spalling. When used in conjunction with concrete pavement, match joints to those in the concrete pavement but not exceeding the maximum allowable spacing.

CONSTRUCTION JOINTS: Barrier runs with abutting vertical surfaces of either required or permissible construction joints are to be doweled to each other by use of 3/4" dia. by 18" long epoxy coated deformed dowel bars as per CMS 622.02. Bars are to be placed as shown on the RACEWAY and DOWEL BAR PLACEMENT detail on SCD RM-4.3

EXPANSION JOINTS: Construct 3/4" joint with CMS 705.03 filler at indicated positions. Reinforced end anchorage sections, as shown on SCD RM-4.3, are not required at the barrier expansion joints noted on this drawing.

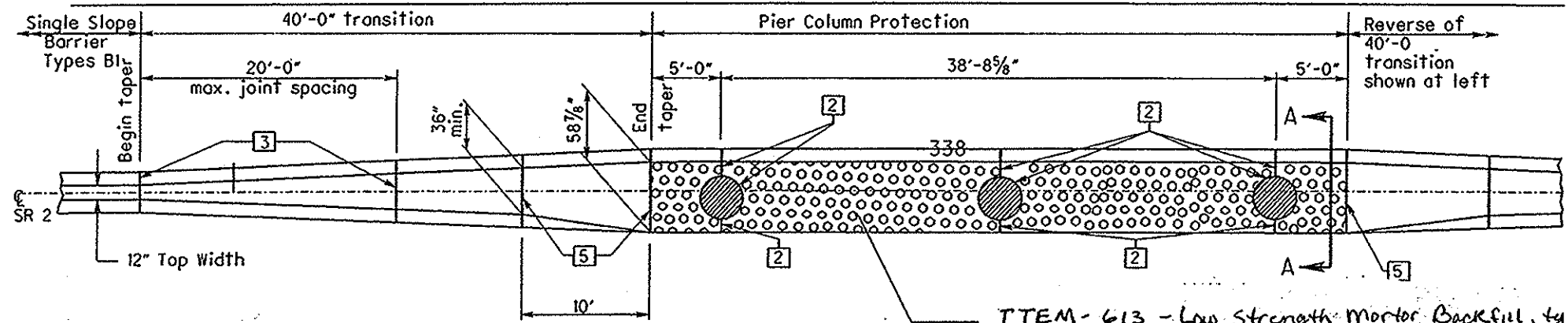
ADJOINING PAVEMENT: When the barrier is constructed in conjunction with new asphalt pavement, place it directly on the intermediate course. Construct the surface course directly against the barrier. Set barrier placed on existing pavement with a continuous wedge of surface material tapering from a 1" minimum thickness at the toe of the barrier to zero. For unidirectional installations, construct the wedge on the traveled way side and the width may be reduced to 12" minimum.

When the barrier is constructed in conjunction with new concrete pavement, place it directly on the base material.

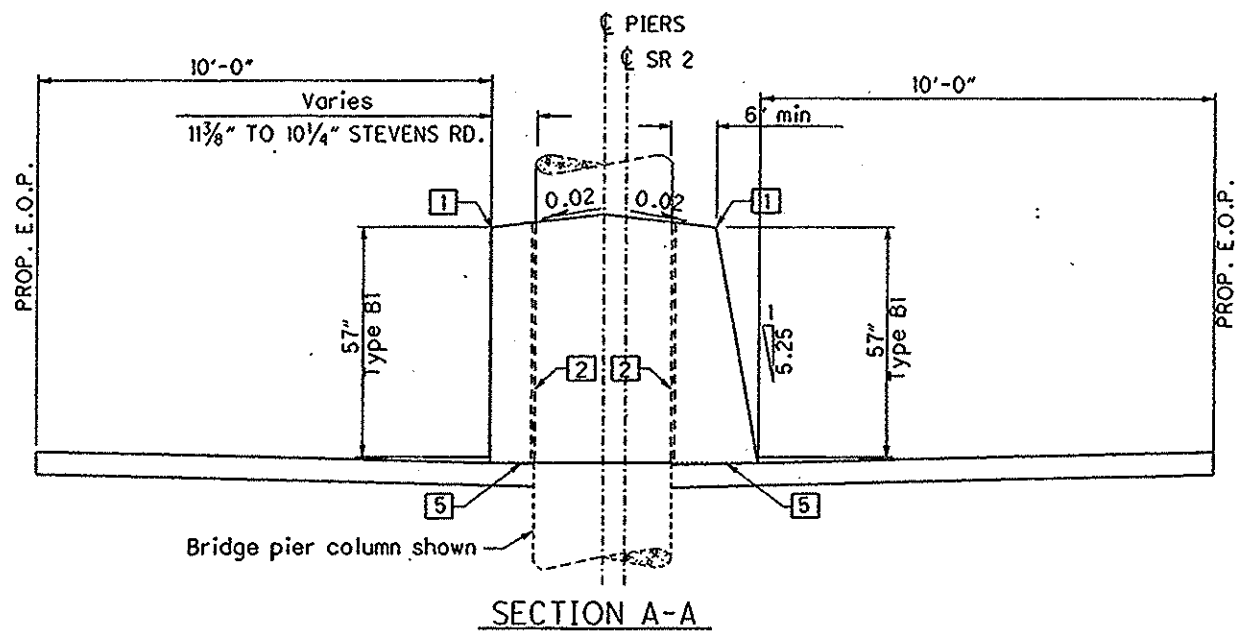
Construct the concrete slab against the barrier. When pavement is to be constructed on one side of the barrier only, then compacted soil on the opposite side must be placed against the barrier at a minimum height of 3".

SEALING JOINTS: Use a butt longitudinal joint between the barrier and any adjoining concrete pavement sealed with CMS 705.04 joint sealer.

The Item Special - Concrete Portland Cement Light Weight shall consist of Elastizell Engineered Fill or an approved equal material. The maximum unit weight of the material shall be 75 pcf.



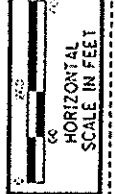
PLAN VIEW - BRIDGE PIER TRANSITION @ STEVENS BLVD.



STATION	OFFSET
STA. 337+84.17	0.49' RT.
STA. 338+03.69	0.55' RT.
STA. 338+22.86	0.46' RT.

LEGEND

- 1 1" radius or 3/4" chamfer.
- 2 Expansion joint, 3/4" min. Preformed Filler, CMS 705.03 (See NOTES).
- 3 Contraction joint (see NOTES).
- 4 See SCD RM-4.3 for adjoining pavement details.
- 5 Permissible construction joint



BRIDGE PIER TRANSITION AT STEVENS BLVD. AT STA. 338+00

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