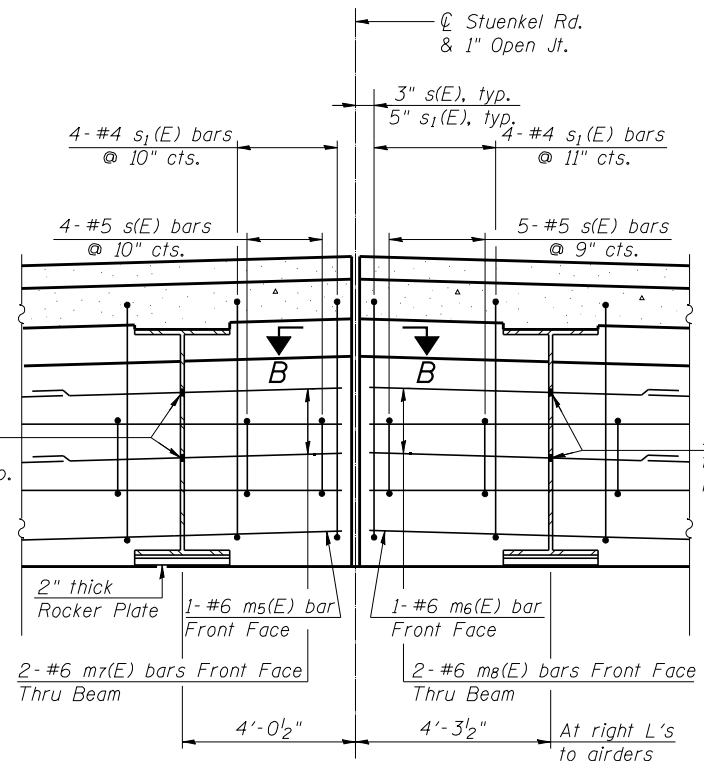
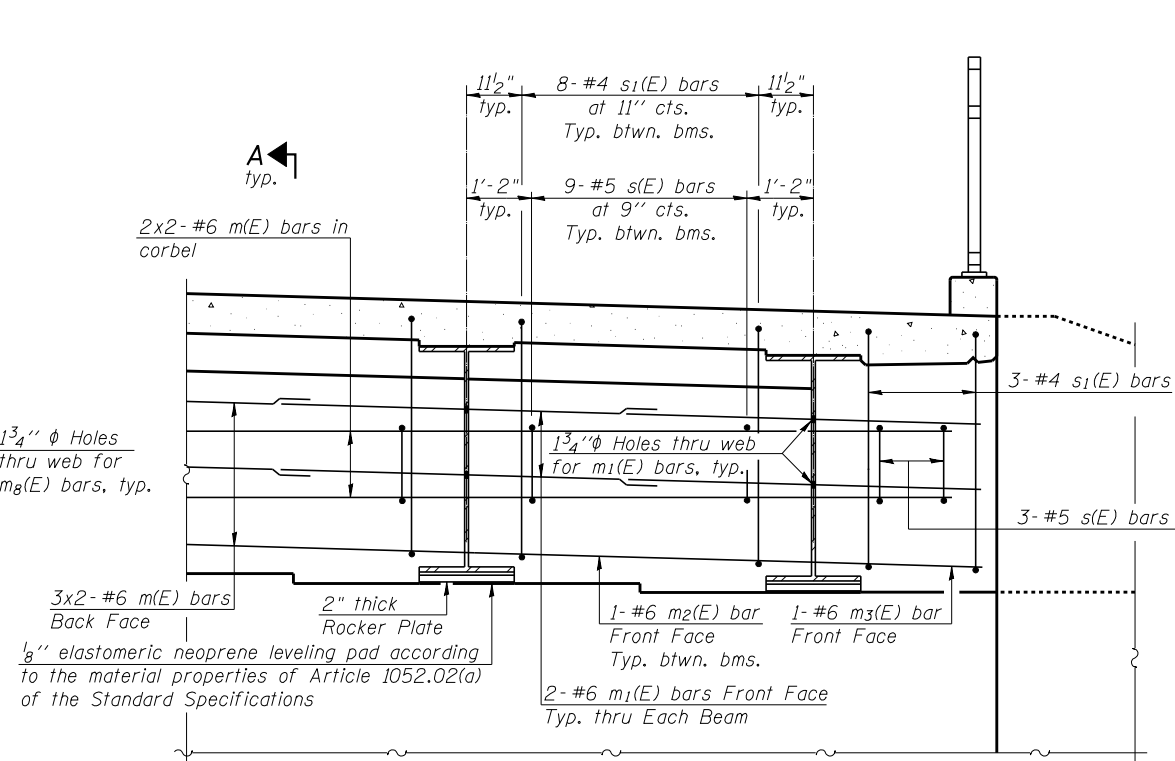


NORTH OF ϕ STUENKEL ROAD

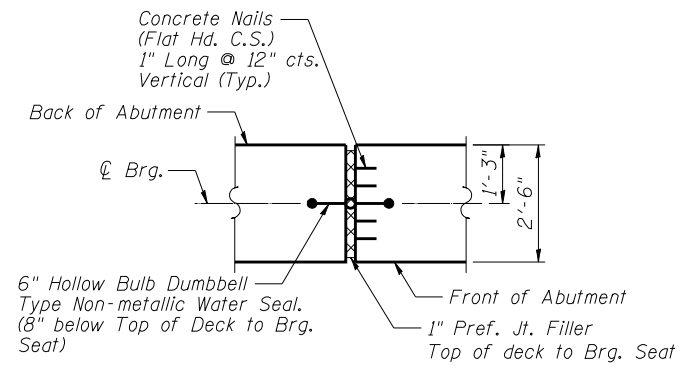


NEAR ϕ STUENKEL ROAD



SOUTH OF ϕ STUENKEL ROAD

DIAPHRAGM ELEVATION AT ABUTMENT
East Abutment shown, West Abutment similar.



SECTION B-B

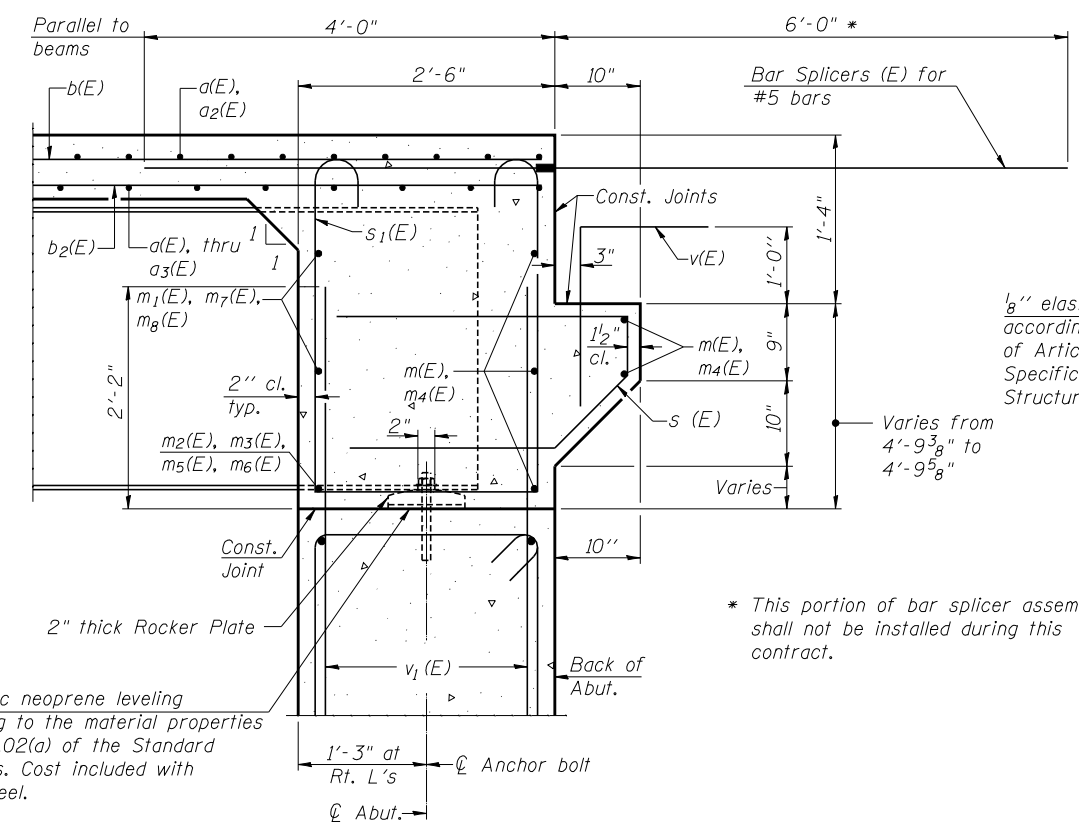
Cost of Water Seal included with Concrete Superstructure.

NOTES:

1. Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 35.
2. Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 35.
3. For details of bars s(E) & s1(E) see sheet 10 of 35.
4. The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

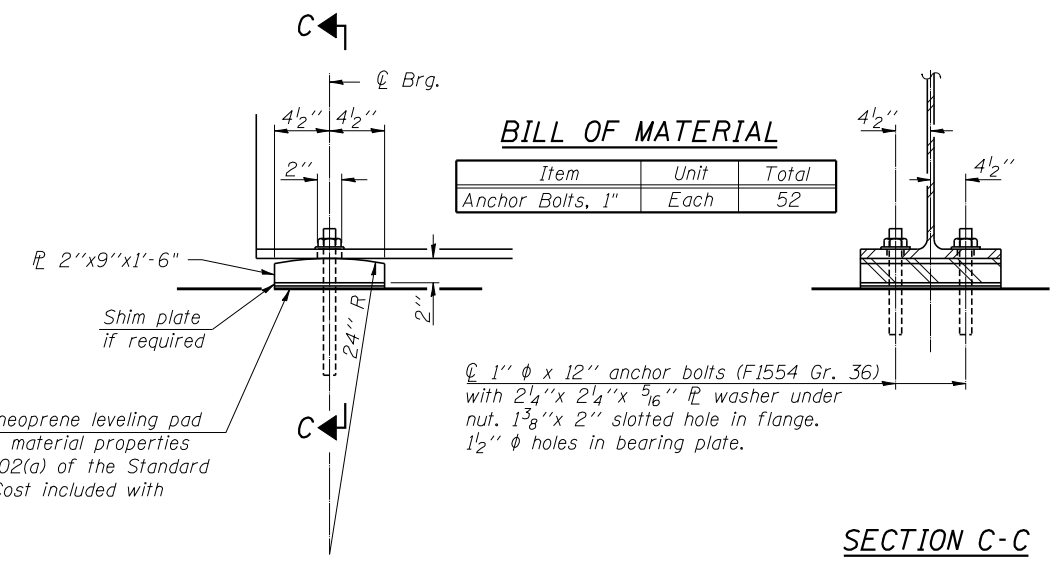
MIN. BAR LAP

#6 bar = 3'-4"



SECTION A-A

Dimensions at right angles to abutment, except as shown.



BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	52

ϕ 1" ϕ x 12" anchor bolts (F1554 Gr. 36) with 2 1/4" x 2 1/4" x 5/16" PL washer under nut. 1 3/8" x 2" slotted hole in flange. 1/2" ϕ holes in bearing plate.

ELEVATION AT ABUTMENT

FIXED BEARING

Notes for Fixed Bearings:

1. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternative material) of the grade and diameter specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
2. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
3. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
4. Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.