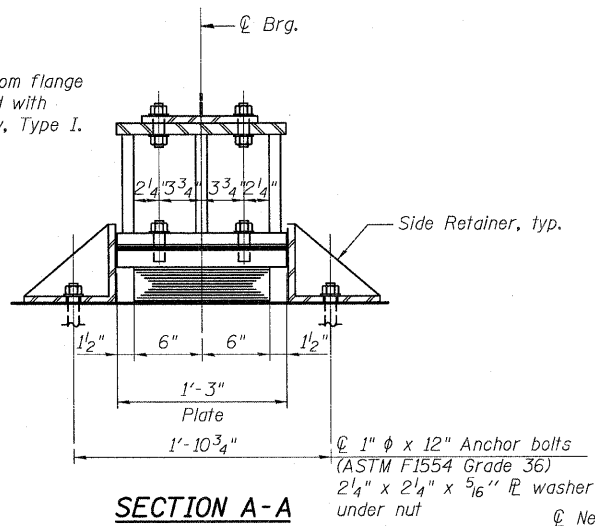
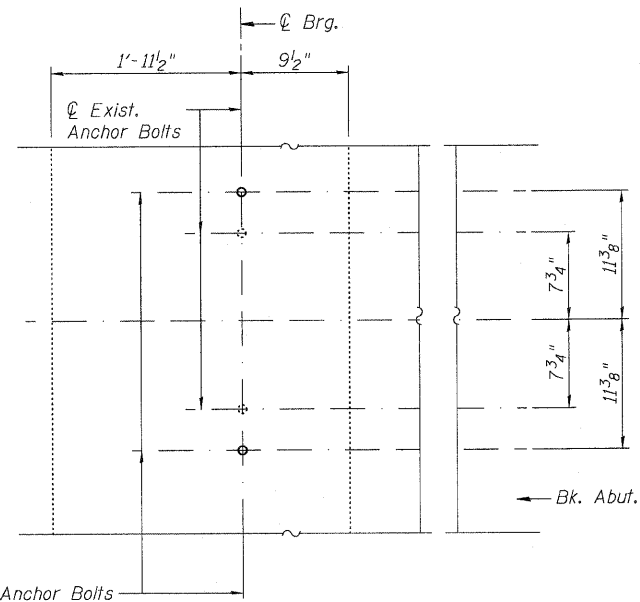


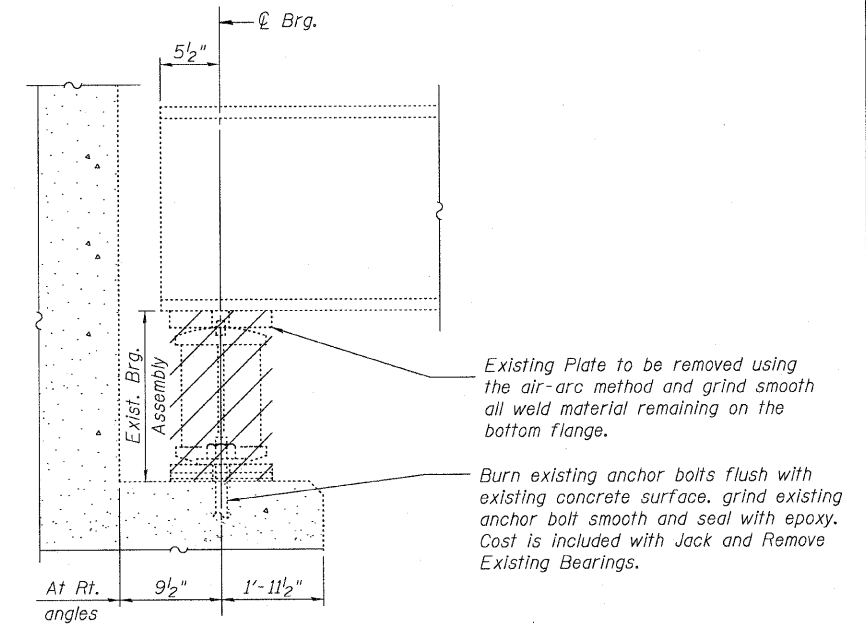
ELEVATION AT ABUT.



SECTION A-A



A.B. LOCATION PLAN



JACK AND REMOVE EXISTING BEARINGS PROCEDURE

- The Contractor shall submit for approval by the Engineer plans for jacking prior to commencing any work at the bearings.
- Jacking and removing existing bearings shall be done after existing deck removal is completed and prior to pouring of new deck.
- The Maximum Dead Load Reaction with deck removed (per bearing) at each abutment is 8 kips. Minimum jack capacity is 16 kips (8 ton).
- The new bearings shall be in place and the jacks shall be lowered prior to forming and pouring the new deck.

Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified.

The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts for side retainers may be installed in holes drilled before or after members are in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and other steel members required for the elastomeric bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

Jack existing stringers, remove existing bearings, drill holes in stringers to match holes in steel extensions, shim as required, and install complete bearing assembly.

Shims to be included in the cost of Elastomeric Bearing Assembly, Type I.

BILL OF MATERIAL

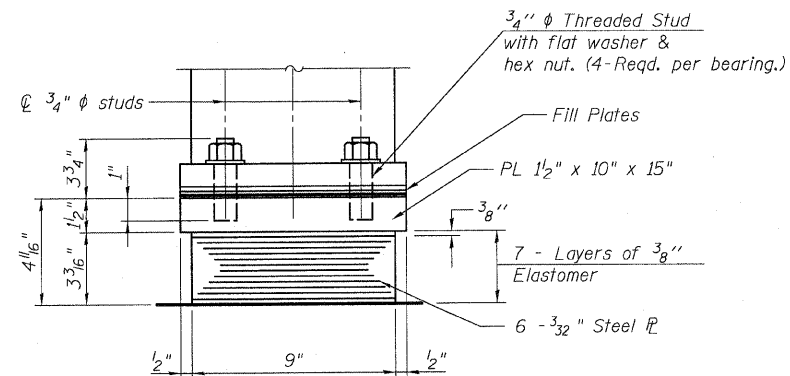
Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	12
Anchor Bolts, 1"	Each	24
Jack and Remove Existing Bearings	Each	12
Furnishing and Erecting Structural Steel	Pound	4500

* ESTIMATED FILL PLATE THICKNESSES

Beam	E. Abut.	W. Abut.
1	3/4"	1"
2	7/8"	3/4"
3	1 1/8"	7/8"
4	1"	1"
5	1 1/8"	3/4"
6	1 1/8"	1"

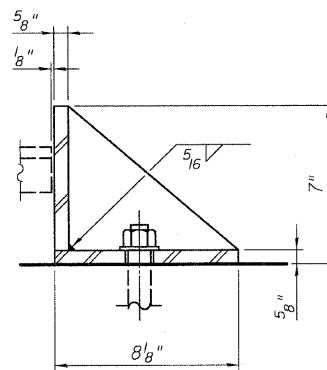
Notes:
For details of Steel Extension see Sheet S16. Steel extensions are not included in the cost of Elastomeric Bearing Assembly, Type 1.

* Before removing existing abutment bearings, the Contractor shall survey the elevations of the bottom flanges and the concrete bearing seats at the abutments and report the findings to the Engineer. The thickness of the fill plates included with the Steel Extensions has been determined from available data. Before fabricating and installing these Fill Plates, the Contractor shall verify that these fill plates will set the existing beams back at the existing elevations for the existing field conditions. Cost for Survey, Fill Plates, and required adjustments is included with cost for "Jack and Remove Existing Bearings".



BEARING ASSEMBLY

Note:
Shim plates shall not be placed under Bearing Assembly.



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

