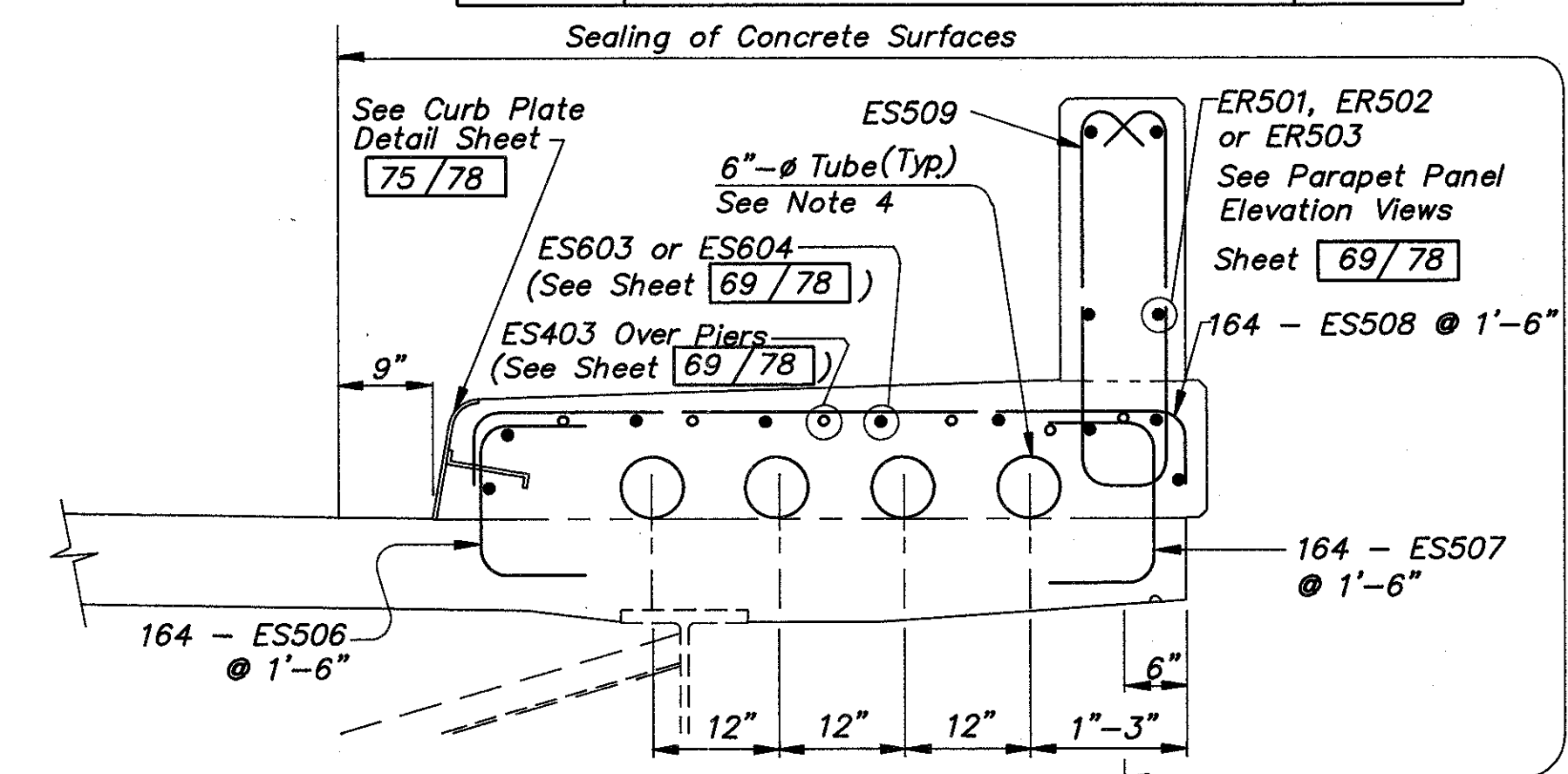
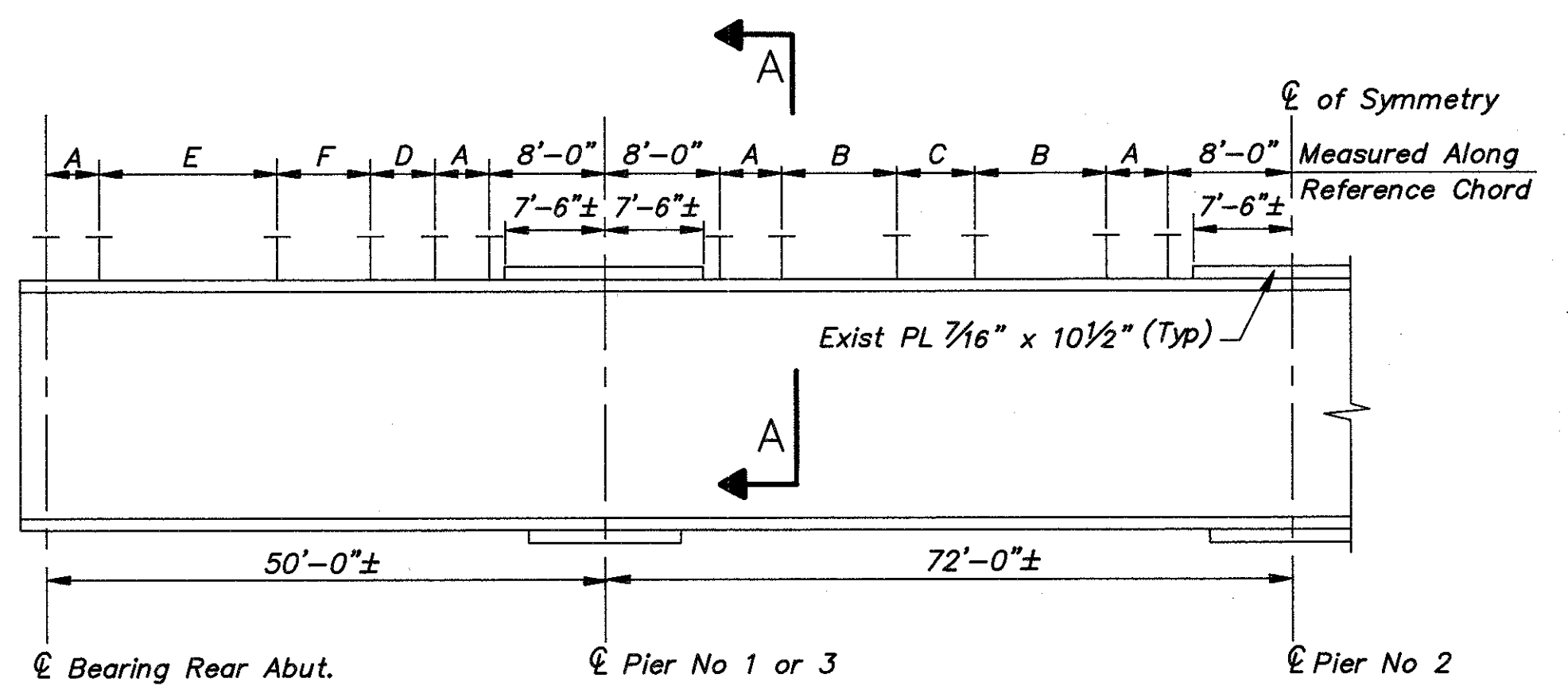


TRANSVERSE SECTION
 * See Framing Plan This Sheet
 (All Crossframes not Shown)



SIDEWALK AND PARAPET DETAIL



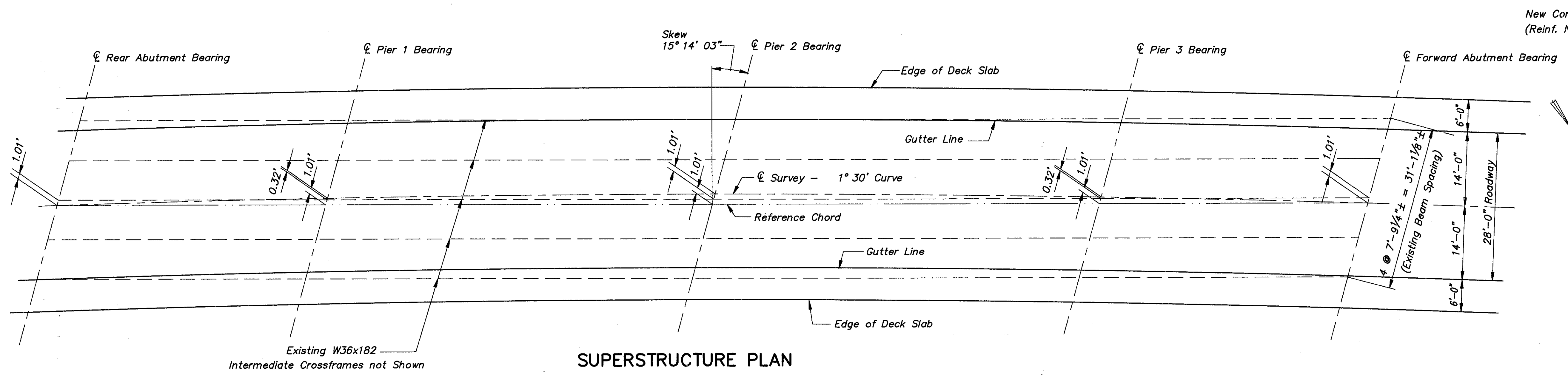
SHEAR STUD SPACING DIAGRAM
 (Typical for All Beams)

Notes:

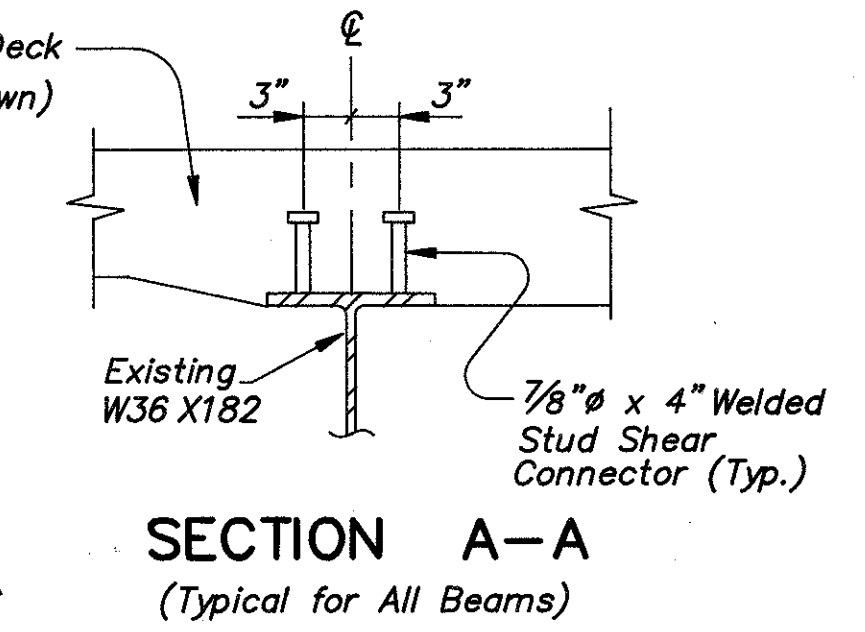
1. A Haunch Width of 9" shall be used for Computing Quantity of Concrete. However, the Haunch Width may Vary Between 6" and 12" (Provided that the Slope shall be not more than 1:4 for a Haunch Less than 9" Width).
2. Transverse Deck Reinforcing (ES501 & ES601) shall be Field Bent as Required to Accomodate the Variable Deck Slab Thickness at the Fascias. Payment shall be Included with Item 509-Epoxy Coated Reinforcing Steel, Grade 60.
3. The Nominal Deck Slab Depth over Beam is 9 5/8". The Actual Slab Depth may be More; it should not be Less. After Complete Removal of the Existing Deck Slab, the Contactor shall Determine Actual Top of Beam Elevations in the Field and Deduct Them from Proposed Scream Elevations to Obtain Actual Slab Depths. For Depths Less Than "D", the proposed Grade Line and Deck Surface may Have to be Raised to Provide the Nominal Depth, as Directed by the Engineer. The Quantity of Deck Concrete to be Paid for shall be Based on the Nominal Deck Slab Depth Given Above.
4. Payment for the 6" Diameter Tubes in the Sidewalk Slabs shall be Included in Item 511-Class "S" Concrete, Superstructure, as Per Plan. The Tubes shall Run the Entire Length of the Superstructure Sidewalks. Tubes shall be Rigid Non-Metallic Material and shall be Installed with End Caps and Water Tight Joints.
5. Notation: Typ. - Typical, Reinf. - Reinforcing, Abut. - Abutment

Welded attachment of supports for concrete deck finishing machine shall not be made for a distance of 8'-0" either side of the pier on the top flange.

Fillet welds to top flange shall be not closer than 1" from edge of flange, be not more than 2" long and be not smaller than the minimum size required by AASHTO.



SUPERSTRUCTURE PLAN



SECTION A-A
 (Typical for All Beams)

COLPETZER-THOMAS, INC. AN ENGINEERING GROUP					
WILLOUGHBY • MENTOR • NORTH CANTON • STEUBENVILLE • LORAIN					
SUPERSTRUCTURE					
BRIDGE NO. LAK-2-1029					
S.R.2 UNDER MUNSON ROAD					
LAKE COUNTY					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
J.P.R.	R.L.M.	R.L.M.	R.J.C.	J.E.A.	11/15/88
REVISED					