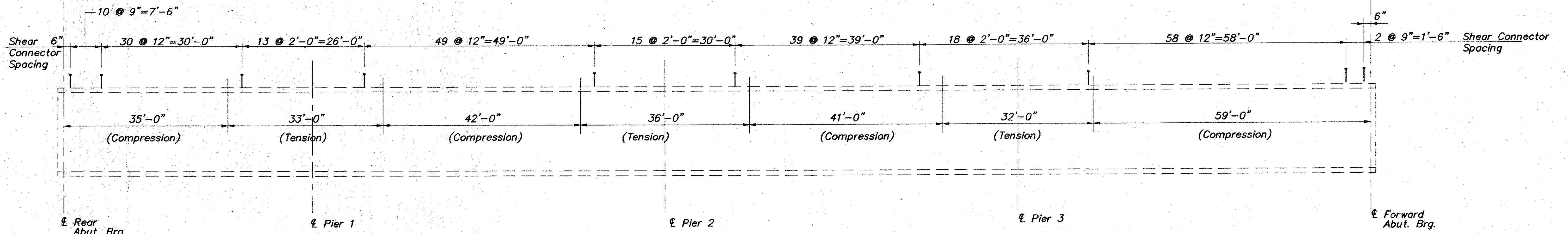


SUPERSTRUCTURE PLAN

WELDED ATTACHMENT of Supports of Concrete Deck Finishing Machine May Be Made To Areas of The Fascia Stringer Flanges Designated "Compression". Attachments Shall Not Be Made To Areas Designated "Tension". Fillet Welds To Compression Flanges 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.

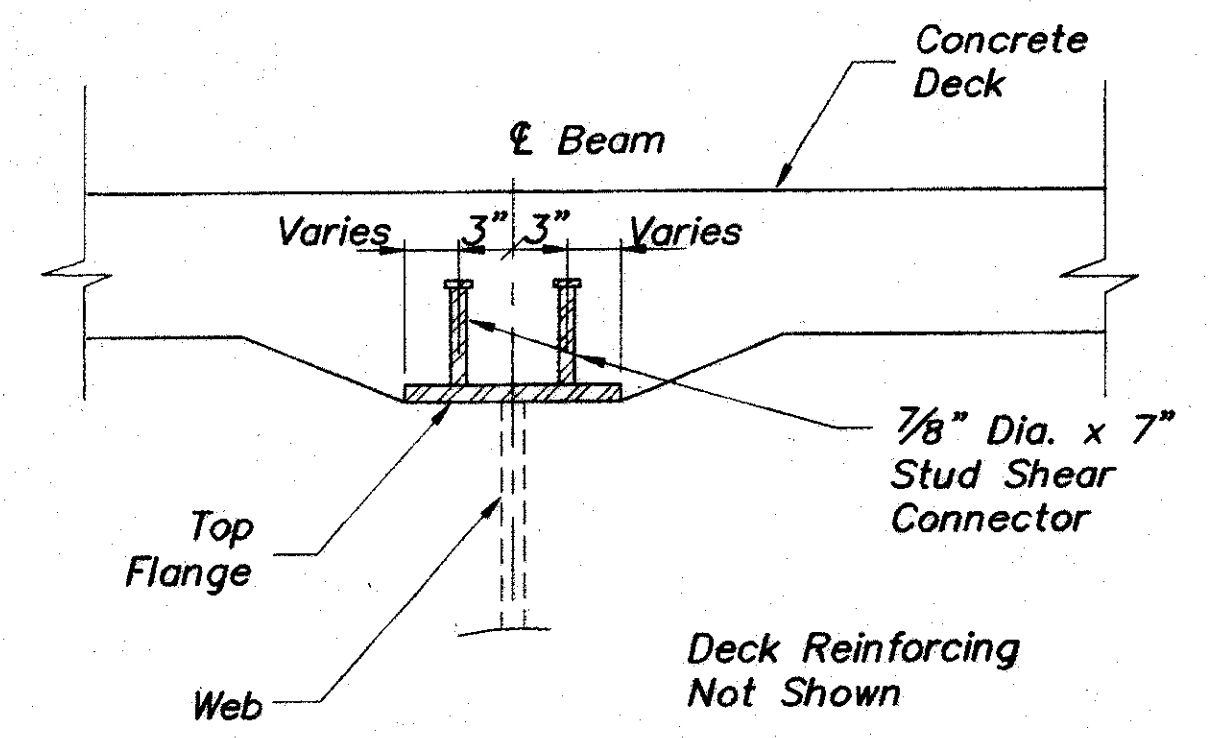
INSTALLATION OF SEAL: During Installation of The Support/Armor For The Superstructure Side of The Expansion Joint Seal, The Seating of Beams On Bearings Shall Be Carefully Observed To Assure That Positive Bearing Is Maintained. Proper Vertical Fit of The Support/Armor On The Beams Shall Be Achieved By Positioning of The Bevel Fill Plates Rather Than By Clamping Force.



TYPICAL BEAM ELEVATION

SCREED ELEVATION OVER BEAMS																	
Beam	Rear Abut. Brg.	Span 1			Span 2				Span 3				Span 4				Forward Abut. Brg.
		1/4	1/2	3/4	Pier 1	1/4	1/2	3/4	Pier 2	1/4	1/2	3/4	Pier 3	1/4	1/2	3/4	
A	622.89	623.55	624.22	624.86	625.49	626.34	627.10	627.74	628.30	628.80	629.23	629.54	629.79	629.99	630.10	630.09	629.96
B	622.75	623.40	624.07	624.71	625.36	626.23	627.01	627.69	628.27	628.80	629.26	629.59	629.87	630.09	630.22	630.24	630.16
C	622.62	623.26	623.93	624.57	625.23	626.13	626.93	627.64	628.25	628.81	629.28	629.65	629.95	630.20	630.35	630.40	630.33
D	622.19	622.82	623.47	624.11	624.77	625.70	626.53	627.26	627.89	628.48	628.98	629.37	629.70	629.98	630.16	630.23	630.19
E	621.76	622.37	623.02	623.65	624.32	625.26	626.12	626.87	627.53	628.15	628.68	629.10	629.45	629.76	629.98	630.07	630.05

NOTE: SCREEN ELEVATIONS Given Are For The Top Surface Of The Concrete Deck Prior To Concrete Placement. Allowances Have Been Made For Anticipated Deflections Of Beams Due To The Weight Of The Concrete Deck.



SHEAR CONNECTOR DETAIL

NOTES:
1. Position New End Crossframes To Accommodate The Location of The Joint Edge Armor. See General Note On Sheet 4/20 For Additional Information.

CT Consultants, Inc.
Engineers • Architects • Planners
Wilmington • Mentor • Columbus • North Canton • Canton

SUPERSTRUCTURE DETAILS
BRIDGE NO. LAK-2-0451
S.R. UNDER STEVENS BLVD.
LAKE COUNTY

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
I.A.S.	I.A.S.	I.A.S.	J.P.R.	J.E.A.	2-25-94	