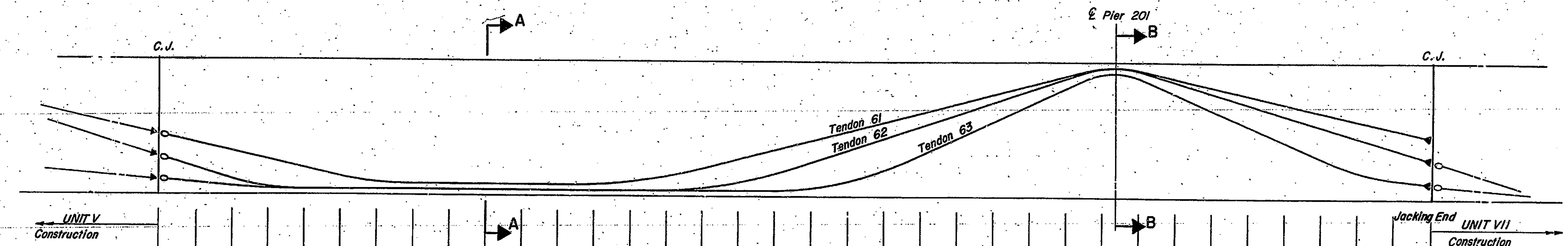


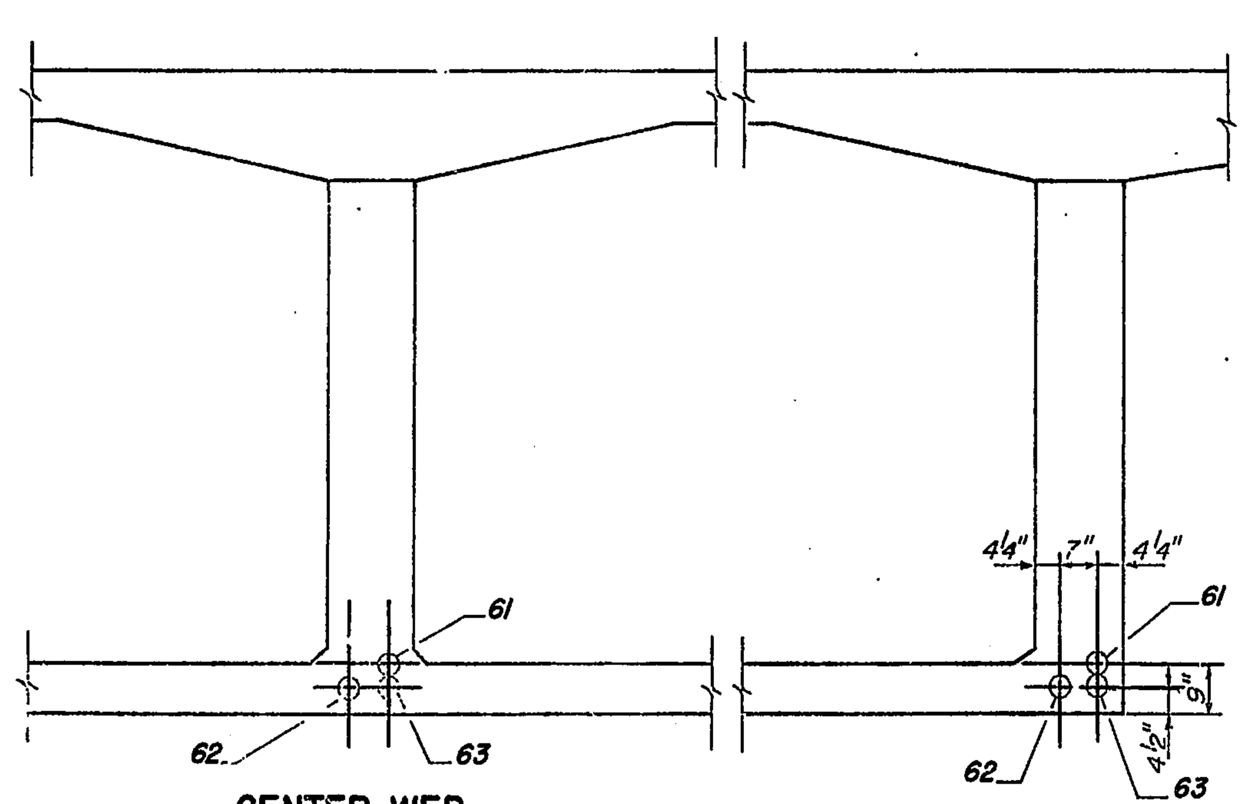
LINE "A" REFERENCE ABSCISSA	0.000	5.189	10.189	15.189	20.189	25.189	30.189	35.189	40.189	45.189	50.189	55.189
TENDON 61- 19K6 DISTANCE /BOTT. SLAB	3.832	3.259	2.706	2.153	1.600	1.051	0.681	0.583	0.583	0.583	0.583	0.583
TENDON 62- 19K6 DISTANCE /BOTT. SLAB	2.332	1.572	0.844	0.345	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208
TENDON 63- 19K6 DISTANCE /BOTT. SLAB	0.833	0.610	0.396	0.249	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208
CENTER WEB	0.000	5.204	5.014	5.014	5.014	5.005	5.000	5.000	5.000	5.000	5.000	5.000
RIGHT WEB	0.000	5.263	5.072	5.072	5.072	5.027	5.000	5.000	5.000	5.000	5.000	5.000
LEFT WEB	0.000	5.144	4.956	4.956	4.956	4.983	5.000	5.000	5.000	5.000	5.000	5.000

LINE "A" REFERENCE ABSCISSA	60.189	65.189	70.189	75.189	80.189	85.189	90.189	95.189	100.189	105.189	110.189	115.189
TENDON 61- 19K6 DISTANCE /BOTT. SLAB	0.629	0.825	1.177	1.684	2.303	2.926	3.550	4.174	4.797	5.42'	6.045	6.668
TENDON 62- 19K6 DISTANCE /BOTT. SLAB	0.208	0.208	0.221	0.394	0.767	1.342	2.106	2.913	3.720	4.527	5.334	6.141
TENDON 63- 19K6 DISTANCE /BOTT. SLAB	0.208	0.208	0.208	0.208	0.208	0.212	0.394	0.855	1.596	2.614	3.737	4.860
CENTER WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
RIGHT WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
LEFT WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000

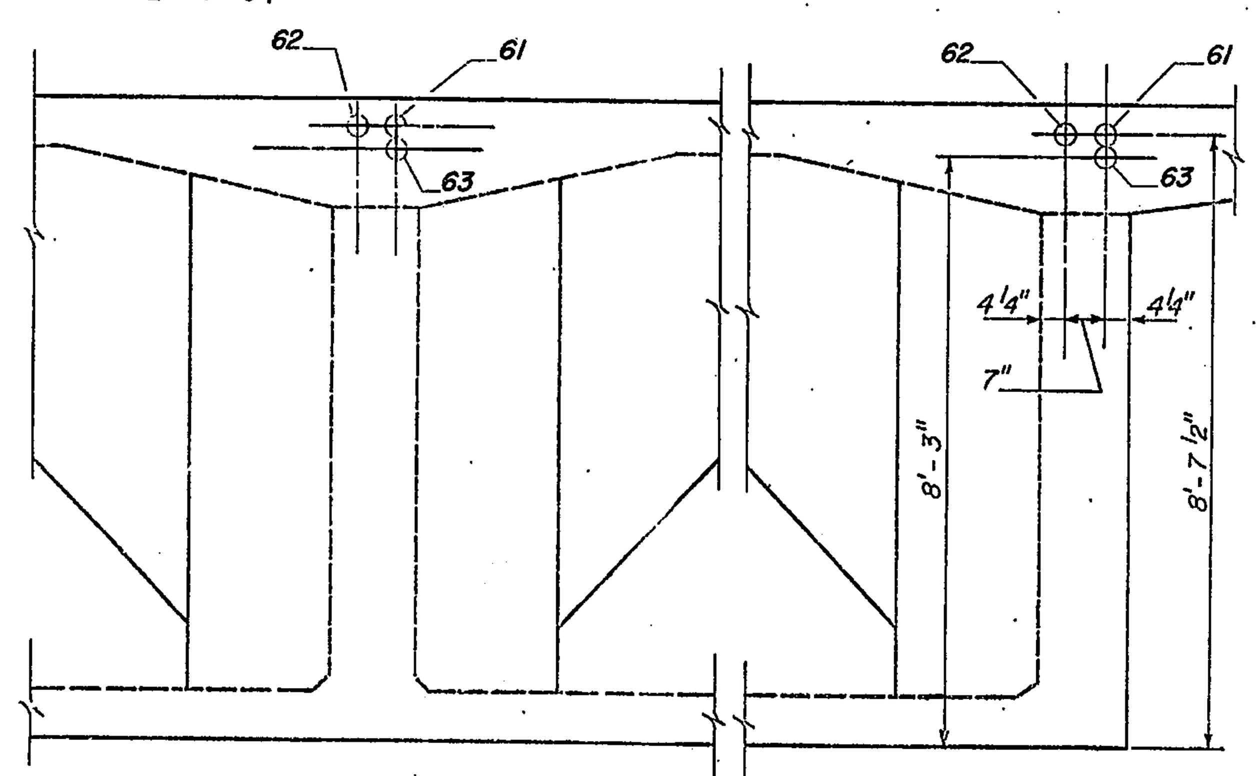
LINE "A" REFERENCE ABSCISSA	120.189	125.189	130.189	135.189	140.189	145.189	150.189	155.189	160.189	165.189	170.189	175.378
TENDON 61- 19K6 DISTANCE /BOTT. SLAB	7.292	7.916	8.430	8.273	7.722	7.169	6.617	6.064	5.511	4.959	4.406	3.832
TENDON 62- 19K6 DISTANCE /BOTT. SLAB	6.948	7.756	8.422	8.213	7.483	6.751	6.019	5.287	4.555	3.823	3.091	2.332
TENDON 63- 19K6 DISTANCE /BOTT. SLAB	5.982	7.105	8.032	7.728	6.674	5.617	4.560	3.503	2.446	1.577	1.105	0.833
CENTER WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.189
RIGHT WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.189
LEFT WEB	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.189

TENDON PROFILE ELEVATION
(Scale: Vert. 1/4" = 1'-0" Horl. 1/2" = 1'-0")

STRESSING SEQUENCE	TENDON NO.	NO. OF TENDONS	TYPE	JACKING FORCE	ELONGATION			LENGTH		
					LW	CW	RW	LW	CW	RW
1st	62	3	19K6	828	1.158'	1.159'	1.161'	176.38'	176.63'	176.89'
2nd	61	3	19K6	828	1.180'	1.181'	1.183'	176.08'	176.34'	176.59'
3rd	63	3	19K6	850	1.113'	1.114'	1.116'	176.66'	176.92'	177.17'
4th	64	2	19K6	861	1.029'		1.030'	146.75'		146.89'
5th	66	2	12K6	549	1.027'		1.033'	146.40'		147.39'
6th	65	2	19K6	861	0.658'		0.661'	92.06'		92.40'



SECTION A-A
LOOKING UP STATION



SECTION B-B
LOOKING UP STATION

NOTE: These tendon lengths & elongation are from anchor plate to anchor plate.
Dimensions are on grade.
Tendon elevations are perpendicular to grade.
Tendon to be stressed from jacking end as indicated by ◄.
Elongations based on a steel modulus of elasticity of 26.5x10^6 p.s.i.
Stress tendons in center web first then stress tendons in outside webs

APPROVED FOR CONSTRUCTION
[signature]
9-17-81

NOTE: Stress tendon in center web first.
Then stress tendons in outside web.

LEGEND

- Dead End
- Jacking End
- Post-tensioning Coupler

* Distances are from bottom of slab to bottom of tendon ducts.

DESIGNED	M.M.	C'K'D	M.M.
DRAWN	M.B.	C'K'D	G.R.
TRACED	M.B	C'K'D	G.R.

Figg and Muller Engineers Inc.
424 North Calhoun Street
Tallahassee, Florida 32301

POST TENSIONING LAYOUT UNIT VI

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY- RAMP:- A SECTION:-
SCALE:- As Noted DATE:- June 29, 1981
SUBMITTED FOR APPROVAL Eugene C. Figg Jr.
DRAWING:- OF SHEET:- 146 OF
PROJECT:- MM 220-1 (8)
CONTRACT NO. B-12752
BRIDGE FILE:- 912-45-2546 RWX