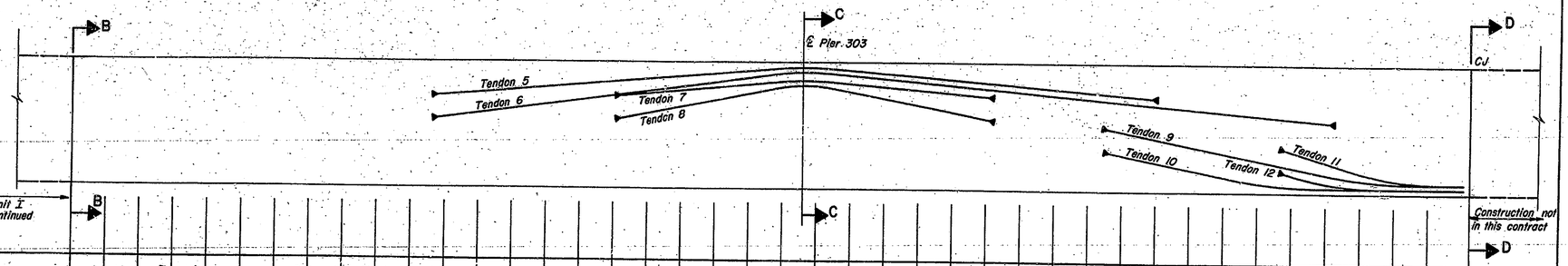


LINE "B" REFERENCE ABSCISSA	191.124	196.124	201.124	206.124	211.124	216.124	221.124	226.124	231.124	236.124	241.124	246.124	251.124	256.124	261.124	266.124	271.124	276.124	281.124	286.124	291.124	296.124	301.124	306.124	311.124	316.124	321.124	326.124	331.124	336.124	341.124	346.124	351.124	356.124	361.124	366.124	371.124	376.124	381.124	386.124	391.124	397.248
*TENDON 5- 12K6 DISTANCE /BOTT. SLAB												6.519	6.712	6.905	7.097	7.290	7.482	7.675	7.867	8.060	8.253	8.442	8.472	8.292	8.087	7.883	7.679	7.475	7.271	7.067	6.863	6.659	6.454									
TENDON 6- 19K6 DISTANCE /BOTT. SLAB												4.868	5.186	5.505	5.823	6.141	6.460	6.778	7.096	7.415	7.733	8.046	8.106	7.910	7.688	7.466	7.244	7.022	6.800	6.578	6.356	6.134	5.912	5.690	5.468	5.246	5.024	4.802				
TENDON 7- 19K6 DISTANCE /BOTT. SLAB																		6.626	6.843	7.059	7.275	7.488	7.523	7.332	7.115	6.899	6.683	6.467														
TENDON 8- 19K6 DISTANCE /BOTT. SLAB																		5.208	5.681	6.153	6.626	7.091	7.168	6.749	6.271	5.804	5.331	4.859														
TENDON 9- 19K6 DISTANCE /BOTT. SLAB																																4.053										
TENDON 10- 19K6 DISTANCE /BOTT. SLAB																																2.387	1.895	1.404	0.912	0.492	2.722	1.970	1.241	0.750	0.547	0.542
TENDON 11- 19K6 DISTANCE /BOTT. SLAB																																				2.087	1.596	1.107	0.739	0.560	0.542	0.542
TENDON 12- 19K6 DISTANCE /BOTT. SLAB																																			2.519	0.259	0.208	0.208	0.208	0.208	0.208	0.208
																																					1.061	0.504	0.235	0.208	0.208	0.208

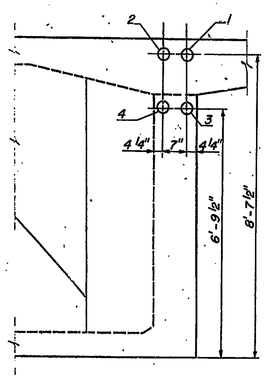
*Distances are given from bottom of slab to bottom of tendon duct.

TENDON PROFILE ELEVATION

(Scale: Vert. 1/4"=1'-0", Horiz. 1/8"=1'-0")

LEGEND
Jacking End
Dead End

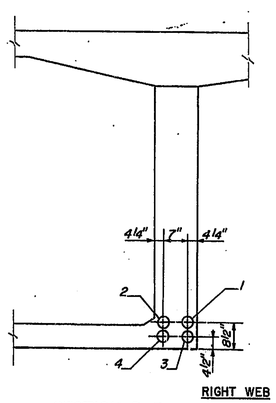
CJ denotes Construction Joint.



RIGHT WEB

SECTION A-A

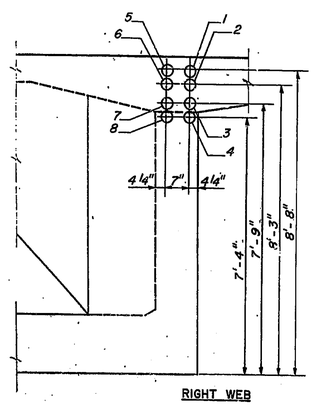
(Looking up Station)



RIGHT WEB

SECTION B-B

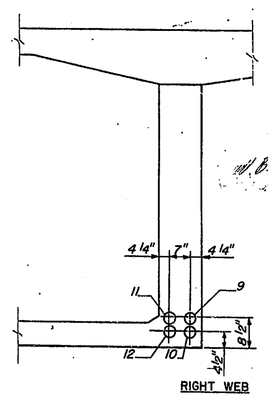
(Looking up Station)



RIGHT WEB

SECTION C-C

(Looking up Station)



RIGHT WEB

SECTION D-D

(Looking up Station)

11-2-81

Notes:

These tendon lengths and elongations are from anchor plate to anchor plate.
Dimensions are on grade.
Tendon elevations are perpendicular to grade.
Tendons are stressed from jacking end as indicated by ——◄
Elongations are based on a steel modulus of elasticity of 26.5×10^6 psi.
Tendon no. 9, 10, 11, 12 are to be provided and stressed Under Contract B-11612.

Flagg and Muller Engineers Inc.
1424 North Calhoun Street
Fort Wayne, Indiana 46808

POST-TENSIONING LAYOUT - UNIT I

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- B SECTION:-
SCALE:- AS NOTED DATE:- July 29, 1981
SUBMITTED FOR APPROVAL Eugene C. Flagg Jr.
DRAWING:- OF SHEET:- 312 OF
PROJECT:- MM 220-1(8)
CONTRACT NO. B-12752
BRIDGE FILE:- 912-45-2546 RWN