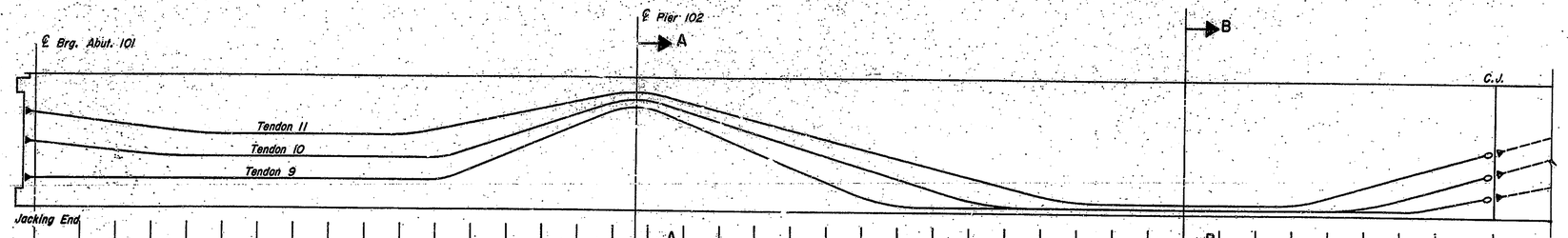


LINE "D" REFERENCE ABSCISSA	0.000	8.082	13.082	18.082	23.082	28.082	33.082	38.082	43.082	48.082	53.082	58.082	63.082	68.082	73.082	78.082	83.082	88.082	93.082	98.082	103.082	108.082	113.082	118.082	123.082	128.082	133.082	138.082	143.082	148.082	153.082	158.082	163.082	168.082	173.082	178.082	183.082	188.082	193.082	198.082	206.165
*TENDON 9- 19K6 DISTANCE /BOTT. SLAB	1.833	1.833	1.833	1.833	1.833	1.833	1.833	1.833	1.833	1.833	1.833	1.860	2.636	3.636	4.635	5.634	6.609	6.731	5.828	4.629	3.830	2.831	1.832	0.868	0.307	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.525	1.701	2.832
TENDON 10- 19K6 DISTANCE /BOTT. SLAB	4.267	3.929	3.680	3.443	3.336	3.333	3.333	3.333	3.333	3.333	3.333	3.355	3.976	4.776	5.575	6.374	7.154	7.257	6.560	5.831	5.081	4.332	3.583	2.833	2.084	1.334	0.646	0.271	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.214	0.442	1.002	1.701	2.832
TENDON 11- 19K6 DISTANCE /BOTT. SLAB	6.253	5.848	5.549	5.249	4.965	4.837	4.833	4.833	4.833	4.833	4.868	5.236	5.736	6.235	6.735	7.235	7.722	7.770	7.206	6.582	5.957	5.333	4.708	4.084	3.459	2.835	2.210	1.585	0.978	0.612	0.542	0.542	0.542	0.542	0.542	0.589	1.103	1.802	2.502	3.201	4.332

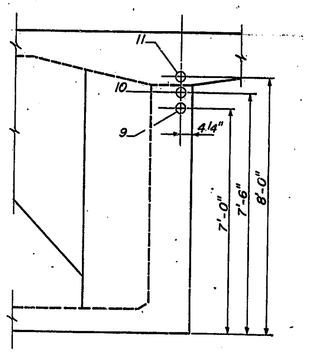
TENDON PROFILE ELEVATION

(Scale: Vert. 1¼"=1'-0" Horiz. 1⅛"=1'-0")

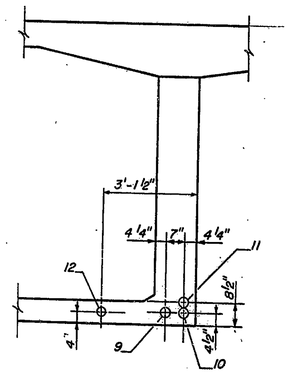
* Distance given from bottom of slab to bottom of tendon ducts.

LEGEND

- Dead End
- Jacking End
- Post Tensioning Coupler



SECTION A-A
(Looking up Station)



SECTION B-B
(Looking up Station)

STRESSING SEQUENCE	TENDON NO.	NO. OF TENDONS	TYPE	JACKING FORCE	ELONGATION	LENGTH
1st	10	2	19K6	828	1.350'	208.55'
2nd	9	2	19K6	828	1.335'	208.72'
3rd	11	2	19K6	828	1.377'	208.36'
4th	12	2	19K6	828	0.861'	123.09'

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 26.5×10^6 p.s.i.

APPROVED FOR CONST.

W. S. ABBOTT 11-2-81
Assistant Director of State Highway Engineer

Figg and Muller Engineers Inc.
Consulting Engineers
Tallahassee Florida 32301

POST-TENSIONING LAYOUT - UNIT III

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- D SECTION:-

SCALE:- AS NOTED DATE:- July 29, 1981

SUBMITTED FOR APPROVAL Eugene C. Figg, Jr.

EUGENE C. FIGG JR. REGISTERED No. 18513 STATE OF FLORIDA PROFESSIONAL ENGINEER

DRAWING:- OF SHEET:-120 OF

PROJECT:- MM220-1(8)

CONTRACT NO. B-12752

BRIDGE FILE:- 912-45-2546REX