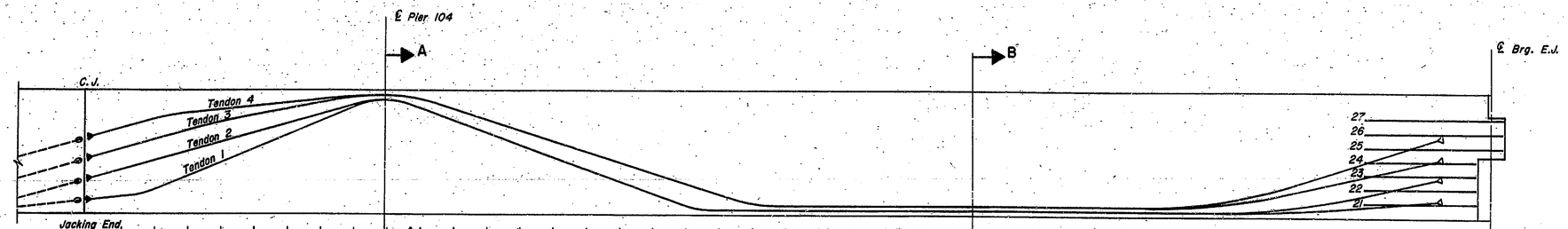


LINE "D" REFERENCE ABSCISSA	0.000	5.688	10.688	15.688	20.688	25.688	30.688	35.688	40.688	45.688	50.688	55.688	60.688	65.688	70.688	75.688	80.688	85.688	90.688	95.688	100.688	105.688	110.688	115.688	120.688	125.688	130.688	135.688	140.688	145.688	150.688	155.688	160.688	165.688	170.688	175.688	180.688	185.688	190.688	195.688	200.688	204.3113
*TENDON 1- 19K6 DISTANCE /BOTT. SLAB	0.833	1.117	1.659	2.659	3.659	4.659	5.658	6.658	7.658	8.115	7.479	6.604	5.730	4.855	3.980	3.105	2.230	1.355	0.490	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	0.208	0.208	0.208	0.227	0.299	0.423	0.599	0.809	1.018	1.167
TENDON 2- 19K6 DISTANCE /BOTT. SLAB	2.332	3.098	3.771	4.445	5.118	5.791	6.465	7.138	7.811	8.115	7.479	6.604	5.730	4.855	3.980	3.105	2.230	1.355	0.490	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	0.208	0.208	0.208	0.258	0.441	0.759	1.211	1.915	2.453	2.667
TENDON 3- 19K6 DISTANCE /BOTT. SLAB	3.832	4.605	5.284	5.962	6.570	7.067	7.521	7.975	8.352	8.454	8.149	7.436	6.671	5.907	5.143	4.378	3.614	2.850	2.085	1.321	0.673	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.592	0.780	1.106	1.569	2.122	2.674	3.225	3.776	4.167
TENDON 4- 19K6 DISTANCE /BOTT. SLAB	5.332	6.099	6.771	7.192	7.442	7.692	7.942	8.192	8.400	8.454	8.149	7.436	6.671	5.907	5.143	4.378	3.614	2.850	2.085	1.321	0.673	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.541	0.614	0.879	1.340	1.996	2.775	3.555	4.335	5.115	5.667

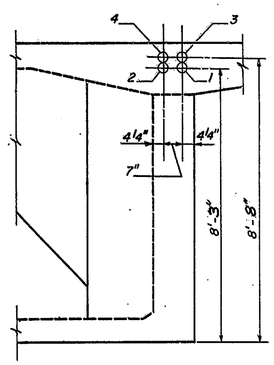
*Distance given from bottom of slab to bottom of tendon ducts.

TENDON PROFILE ELEVATION

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

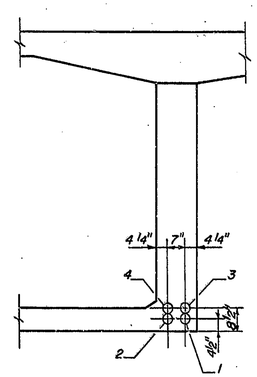
LEGEND

- 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	3	2	19K6	850	1.343'	205.18'
2nd	2	2	19K6	828	1.339'	205.33'
3rd	4	2	19K6	828	1.377'	205.18'
4th	1	2	19K6	850	1.312'	205.57'

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 stresse from jacking end as indicated by ←.
Elongations based on a steel modulus of elasticity of 26.5×10^6 p.s.i.
For Details of prestressed bars see sheet No. 115.

11-2-81

Figg and Muller Engineers Inc.
Consulting Engineers
Tallahassee Florida 32301

POST-TENSIONING LAYOUT - UNIT I

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- D SECTION:-

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

SUBMITTED FOR APPROVAL Eugene C. Figg Jr.

DRAWING:- OF SHEET:- 118 OF

PROJECT:- MM220-1(8)

CONTRACT NO. B-12752

BRIDGE FILE:- 912-45-2546REX

STATE OF INDIANA PROFESSIONAL ENGINEER