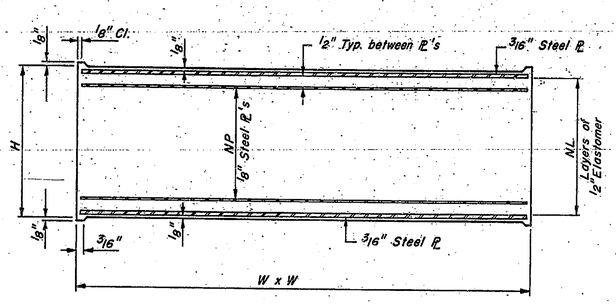
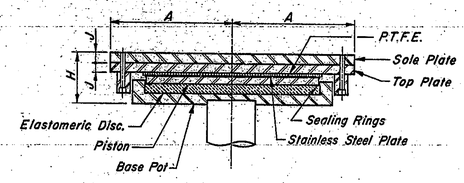


SECTION THRU BEARING

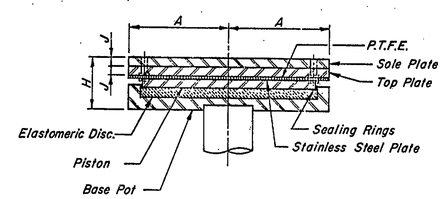
LOCATION	NL	NP	W x W	H	No. Req'd
Pier 102	5	4	30" x 30"	3 5/8"	2
Pier 103	3	2	36" x 36"	2 3/8"	2
Pier 104	7	6	36" x 36"	4 7/8"	2



GUIDED EXPANSION BEARING DETAIL *

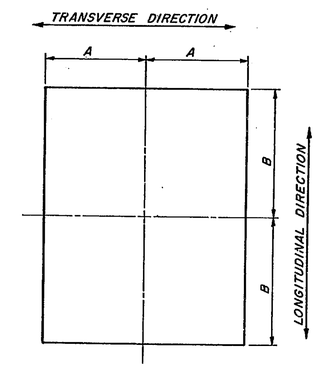
NOTE: (*) Guided on left side (Looking up station).

LOCATION	CAPACITY	No. Req'd	TRANSVERSE LOAD	A	B	H	J	DISPLACEMENT
ABUT. 101	175 TON	1	17.5 TON	9.56	8.03	4.27	.88	3"



NON-GUIDED EXPANSION BEARING DETAIL

LOCATION	CAPACITY	No. Req'd	A	B	H	J	DISPLACEMENT
ABUT. 101	175 TON	1	7.63	7.63	4.04	.75	3"



TOP PLAN OF GUIDED AND NON-GUIDED EXPANSION BEARINGS

LOCATION	TYP	EXPANSION	CONTRACTION
Abut. 101	SS	2 3/8"	3/4"
Exp. Jt. 104, 105	780	4 1/4"	1 1/2"

EXPANSION JOINT MOVEMENT

APPROVED FOR CONSTRUCTION

W. B. ABBOTT

11-2-81

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

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

BEARING DETAILS

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- D SECTION:-

SCALE:- N.T.S. DATE:- July 29, 1981

SUBMITTED FOR APPROVAL Eugene C. Figg Jr.

DRAWING:- OF SHEET:- 121 OF

PROJECT:- M M 220-1 (8)

CONTRACT NO. B-12752

BRIDGE FILE:- 912-45-2546 REX