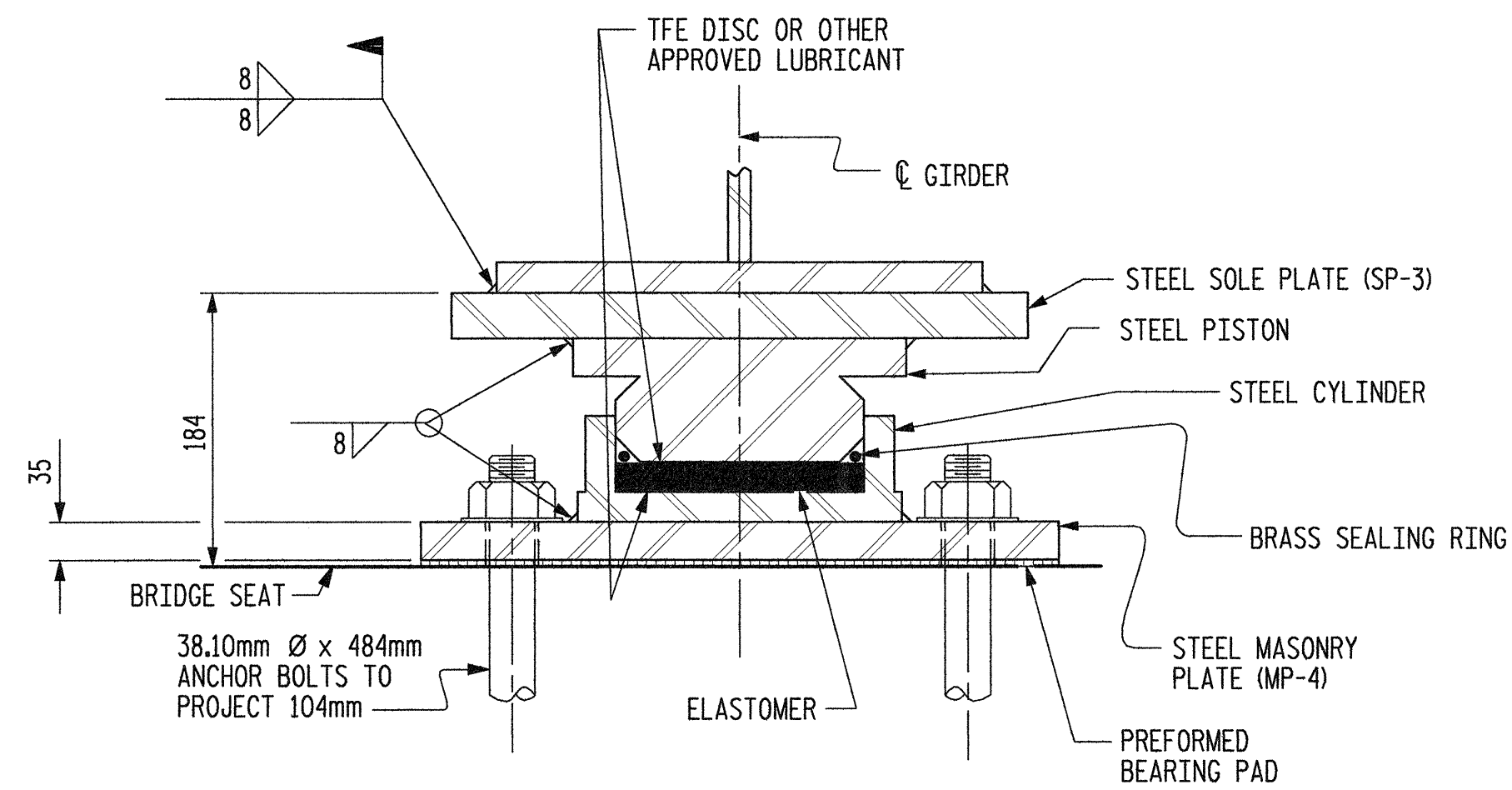


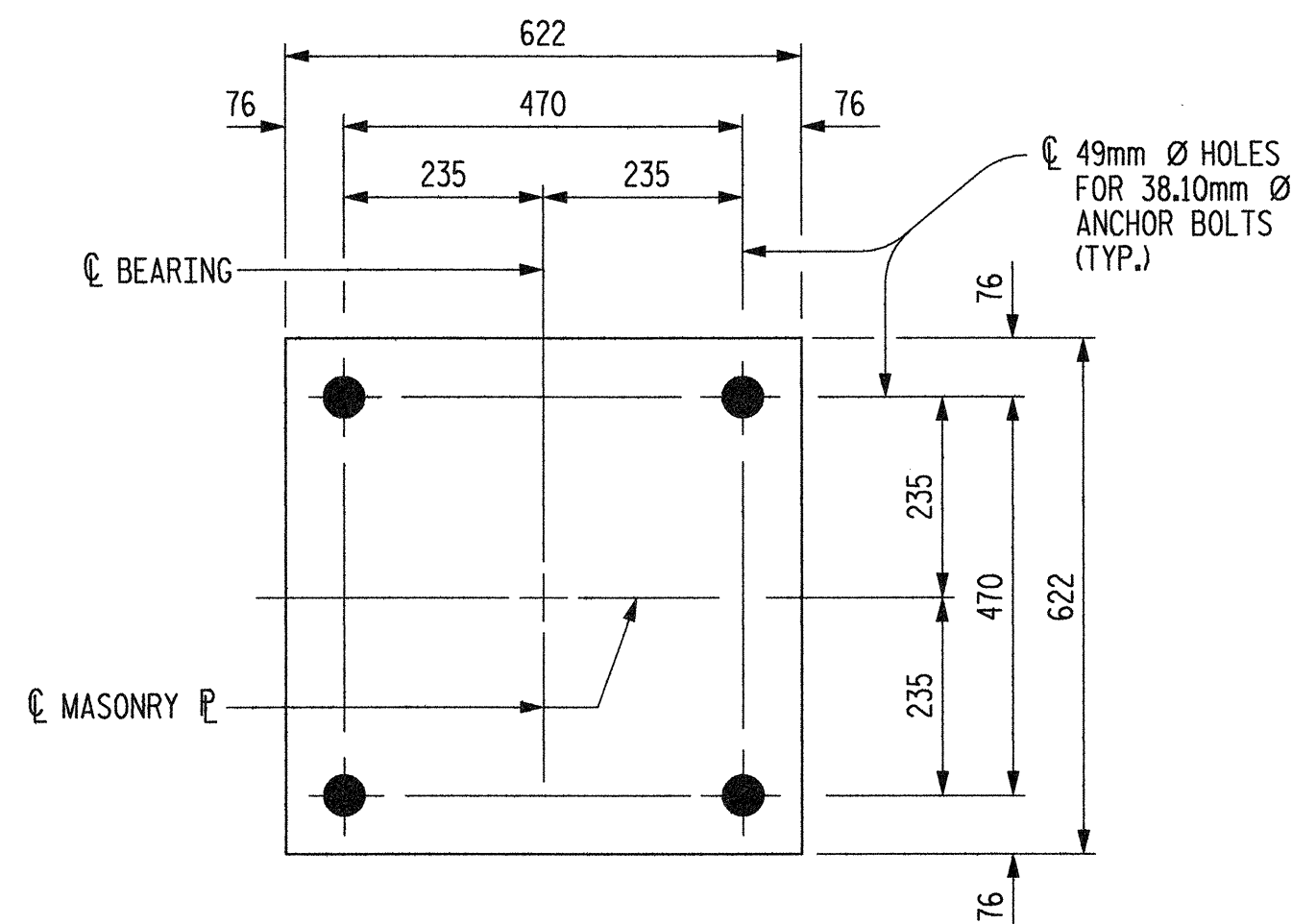
CUT-AWAY PLAN - BENT #2



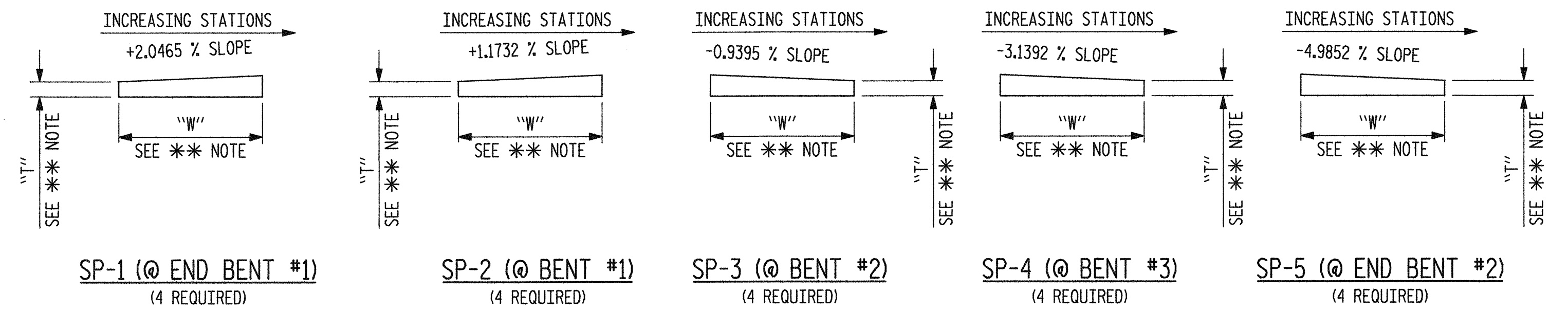
SECTION A-A

FIXED POT BEARING DETAILS

(FB-1 @ BENT #2)

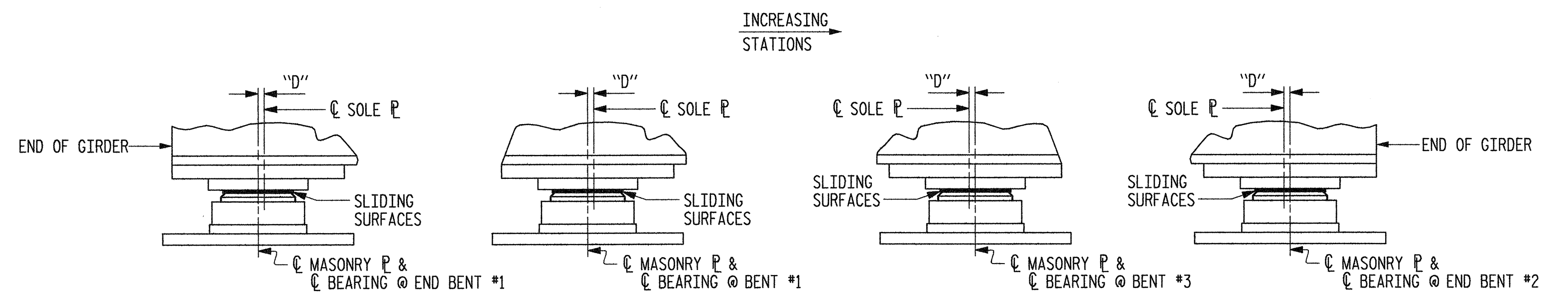


MASONRY PLATE MP-4
(4 REQ'D. @ BENT #2)
MASONRY PLATE DETAILS



SOLE PLATE DETAILS

** NOTE: DIMENSIONS "W" AND "T" ARE TO BE DETERMINED BY THE MANUFACTURER.



TEMPERATURE SETTING DETAIL

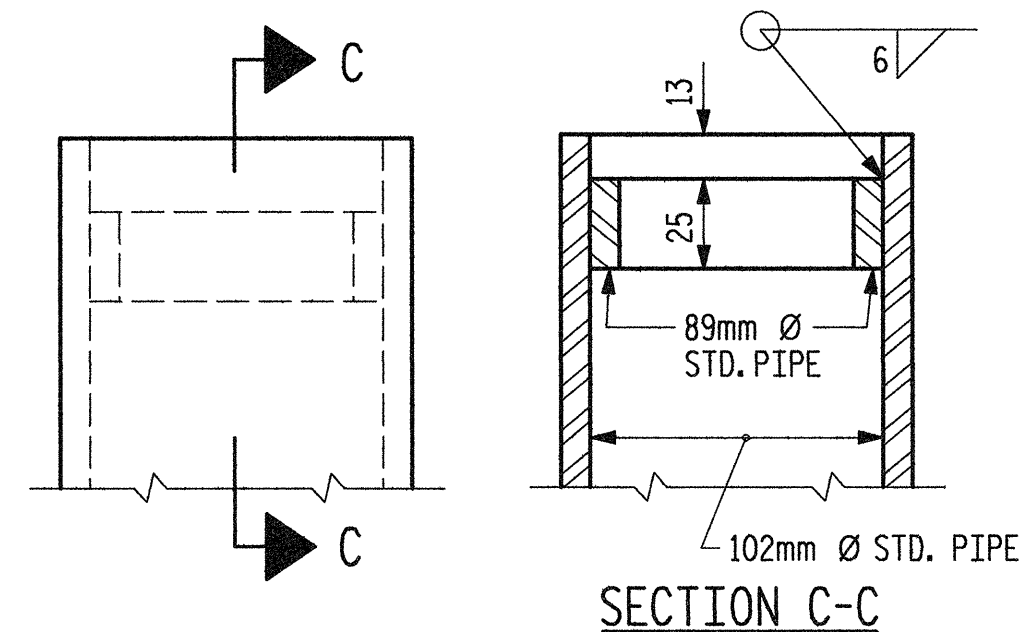
TABLE FOR PLATE SETTING DATA
FOR COMPUTING DIMENSION "D"
(EXPANSION POT BEARINGS)

TEMPERATURE AT TIME OF SETTING	0° C	16° C	32° C	*
END BENT #1	-22mm	0	22mm	11mm
BENT #1	-11mm	0	11mm	-2mm
BENT #3	-11mm	0	11mm	-1mm
END BENT #2	-22mm	0	22mm	8mm

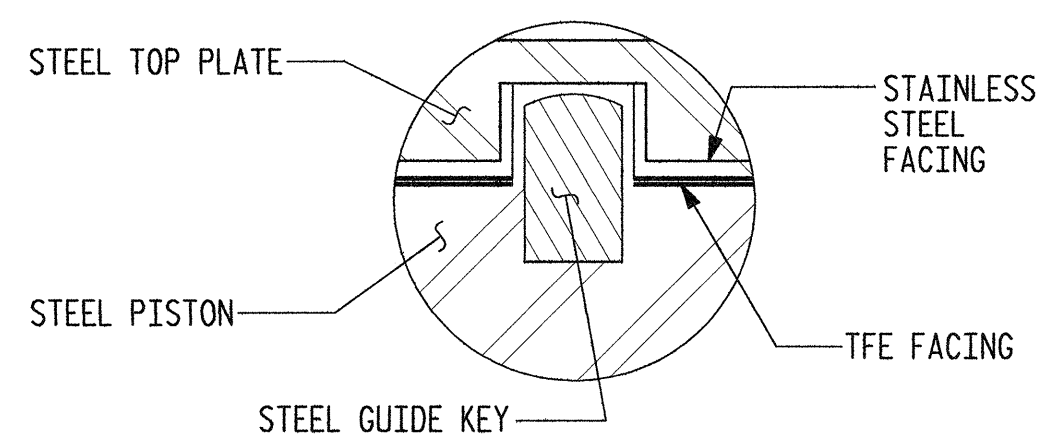
* CORRECTION FOR END ROTATION DUE TO WEIGHT OF SLAB AND COMPOSITE DEAD LOAD (BARRIER ONLY).

TABLE FOR LOADS AND MOVEMENTS FOR FB-1 AT BENT #2

GIRDER	VERTICAL LOAD (kN)			LATERAL LOAD (kN)	TOTAL MOVEMENT (mm)
	DEAD	LIVE	TOTAL		
1	1490	690	2180	298	0
2	1460	710	2170	292	0
3	1495	665	2160	299	0
4	1410	660	2070	282	0



DETAIL "A"



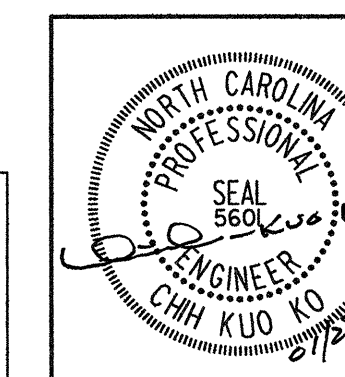
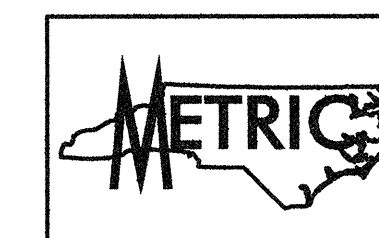
GUIDE KEY DETAIL

PROJECT NO. R-2552AA
WAKE-JOHNSTON COUNTY
STATION: 27+51.601 -I1Y1-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**SUPERSTRUCTURE
POT BEARING DETAILS**



Plans prepared by:
KO & ASSOCIATES, P.C.
Consulting Engineers
1011 SCHAUH DR. SUITE #202
RALEIGH, N.C. 27606
For Division of Highways

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-59
2			4			429

DWG. NO. 23