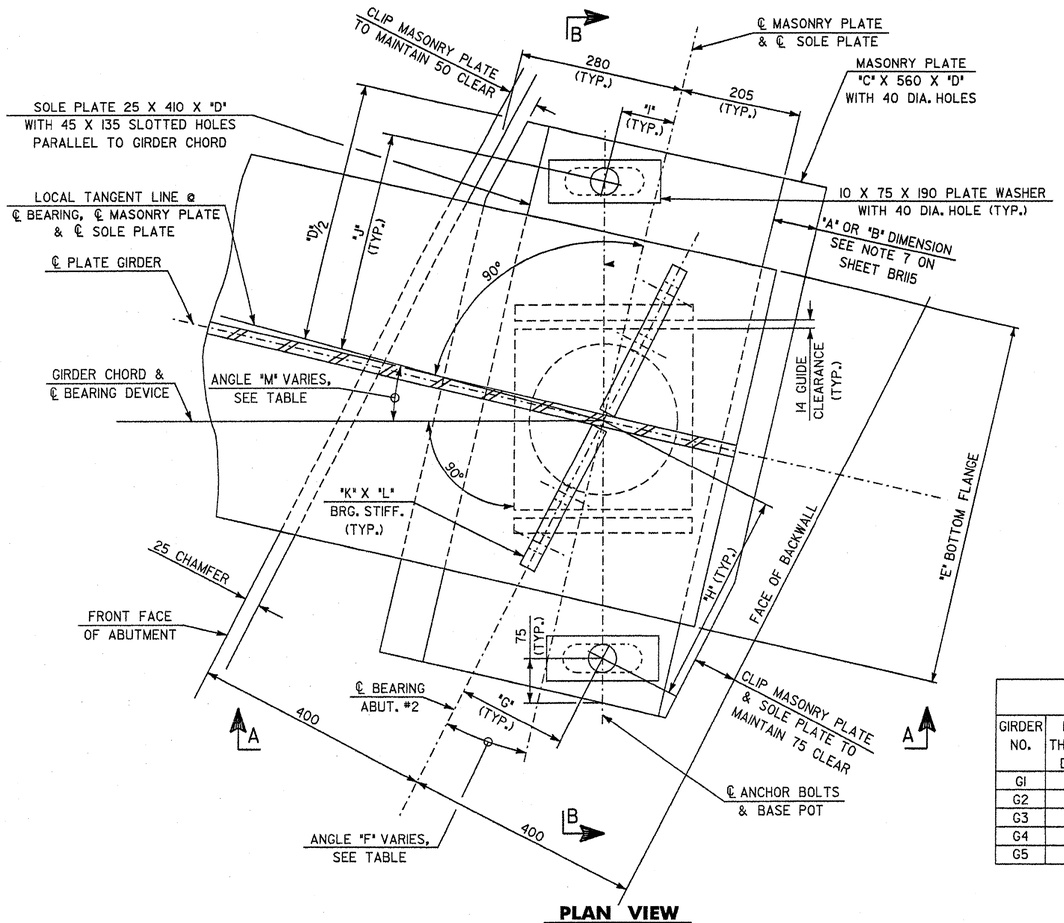
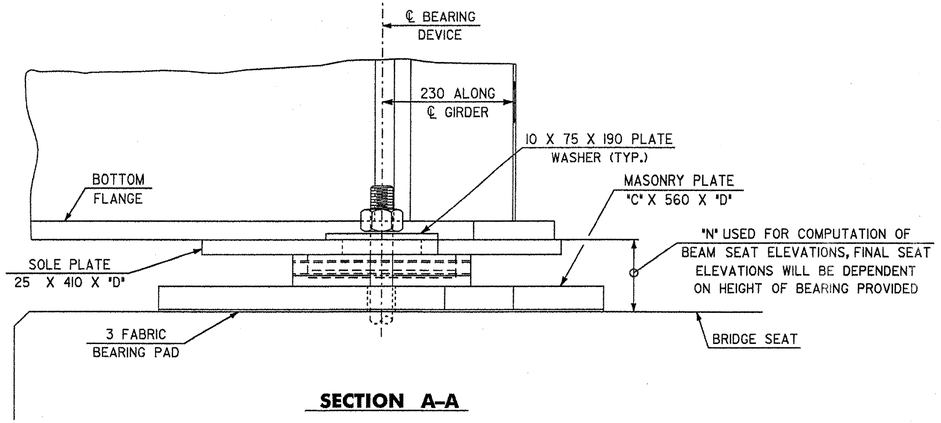


PLAN VIEW

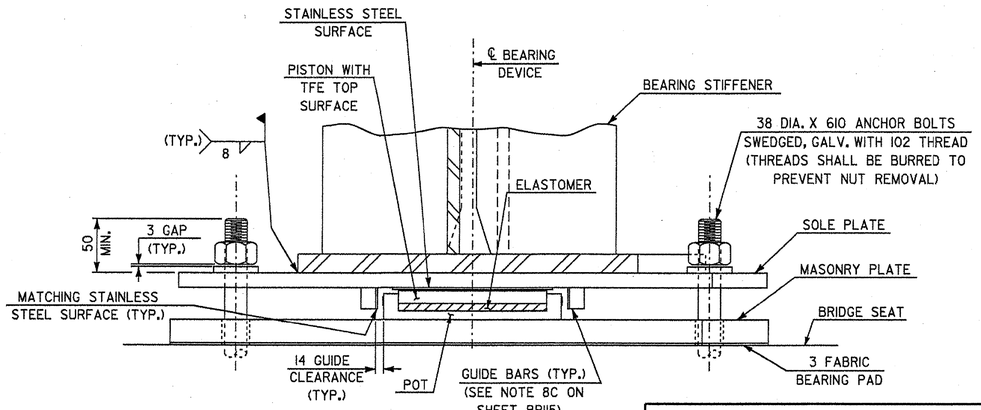
ABUTMENT NO. 2		
TEMP	"A" DIST	"B" DIST
0°~~C~~ °F	89	104
15°~~C~~ °F	85	100
30°~~C~~ °F	80	96
45°~~C~~ °F	76	92
60°~~C~~ °F	72	87
75°~~C~~ °F	68	83
90°~~C~~ °F	63	79
105°~~C~~ °F	59	74

TABLE OF EXPANSION BEARING DIMENSIONS AT ABUTMENT NO. 2

GIRDER NO.	PLATE THICKNESS DIM. "C"	PLATE LENGTH DIM. "D"	FLANGE WIDTH DIM. "E"	ANGLE "F" BETWEEN ℄ BRG. & ℄ MAS. ℙ	HOLE DIM. "G"	HOLE DIM. "H"	HOLE DIM. "I"	HOLE DIM. "J"	STIFF. ℙ DIM. "K"	STIFF. ℙ DIM. "L"	ANGLE "M" BETWEEN GIRDER CHORD & LOCAL TANGENT @ ℄ BEARING	HEIGHT "N" BETWEEN TOP OF BRIDGE SEAT & BOTTOM OF GIRDER FLANGE
G1	55	916	610	14°-15'-57.6"	174	352	82	385	32	290	11°-59'-55.3"	165
G2	55	916	610	14°-37'-25.3"	177	351	82	385	32	290	12°-03'-44.2"	165
G3	32	762	460	15°-00'-00.0"	144	280	66	308	25	215	12°-07'-46.3"	142
G4	32	712	410	15°-23'-47.0"	134	256	61	283	22	190	12°-12'-02.7"	142
G5	32	712	410	15°-48'-52.9"	136	255	62	283	22	190	12°-16'-35.1"	130



SECTION A-A



SECTION B-B

EXPANSION BEARING DETAIL AT ABUTMENT NO. 2

0 100 200 400
SCALE IN MILLIMETERS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of HARTLAND	Bridge No. 60
Highway No. U.S. ROUTE 5	Log Sta. / Surv. Sta.
U.S. ROUTE 5 OVER LULLS BROOK	

ABUTMENT NO. 2 EXPANSION BEARING

Designed By S. BAKI	Drawn By W. GAYNOR
Checked By S. BAKI Date	Bridge Design Supervisor J. MIECZKOWSKI Date
PROJECT HARTLAND	PROJECT NO. BRS No. 0113(22)
I.G.C. Info. M:\145620I VAOT Hartland\struct\zf204bdt.dgn	
Bridge Sheet No. BRII6	Sheet 51 of 86

REVISED: 8-12-04 WJG PLOT SCALE: 100:1 IPLOT FILENAME: ZF204BDT.I

12-AUG-2004