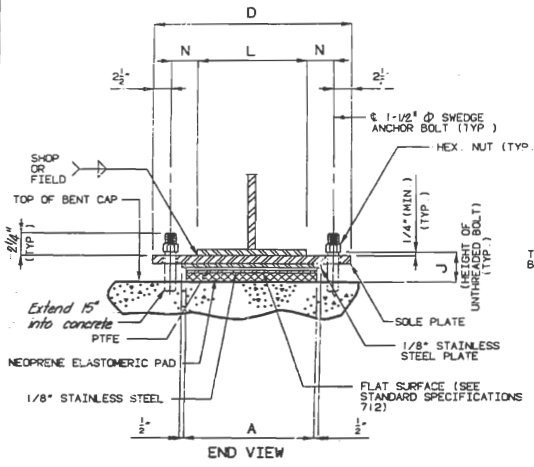
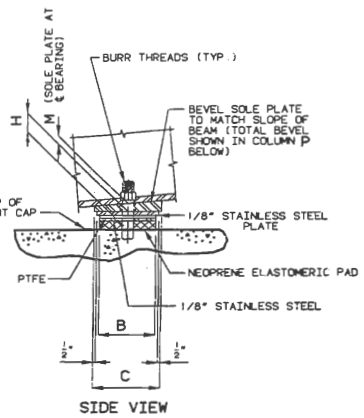
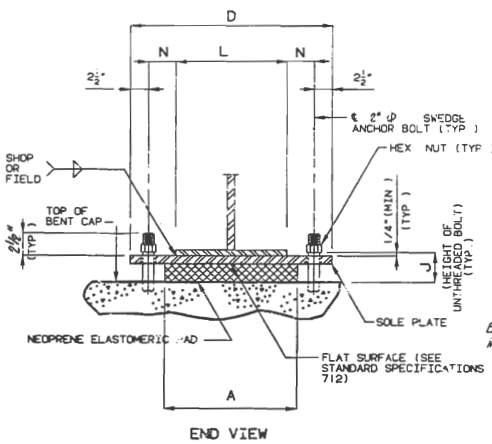
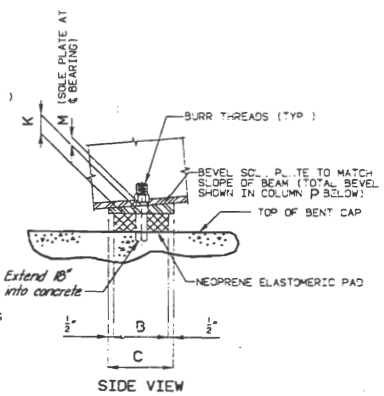
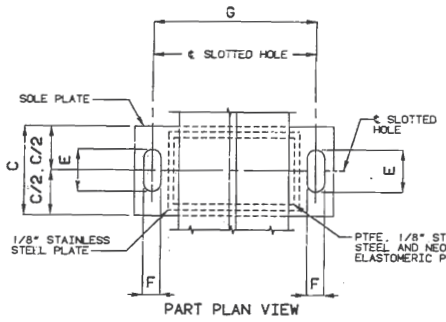
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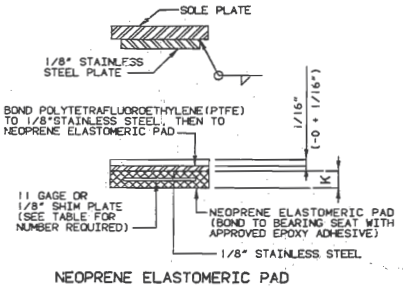


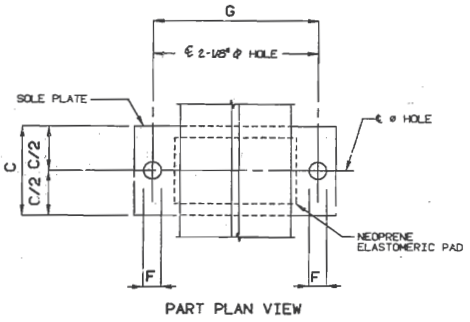


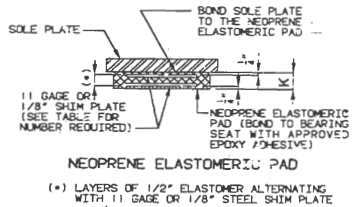












NOTE: THE LOCATION OF THE ANCHOR BOLTS IN RELATION TO THE SLOTTED HOLES IN THE SOLE PLATE SHALL CORRESPOND WITH THE TEMPERATURE AT THE TIME OF ERECTION. AT 60° F. THE SLOTTED HOLES SHOULD CENTER ON THE ANCHOR BOLTS.

** 1⅞" Gdrs. 1, 2, 8 & 9
1⅝" Gdrs 3, 4, 5, 6 & 7

*** 2⅜" Gdrs. 1, 2, 8 & 9
2⅛" Gdrs 3, 4, 5, 6 & 7

GENERAL NOTES:

ANCHORS BOLTS SHALL BE 1½" OR 2" ϕ A588 STEEL SWEDGED BOLTS AND SHALL EXTEND 15" OR 18" INTO THE CONCRETE WITH A194-2. 2H OR A563-C, C3, D, DH, DH3 HEAVY HEXAGON NUTS. ACTUAL MANUFACTURER'S CERTIFIED MILL TEST REPORTS (CHEMICAL AND MECHANICAL) SHALL BE PROVIDED. (SWEDGING SHALL BE 1" LESS THAN THE EXTENSION INTO THE CONCRETE.)

ALL STRUCTURAL STEEL FOR THE SOLE PLATE, ANCHOR BOLTS AND THE HEAVY HEXAGON NUTS SHALL BE PAINTED, WITH 2 COATS (5 MILS MIN.) OF INORGANIC ZINC. WELD AREAS TO BE TOUCHED UP AFTER ASSEMBLY.

WEIGHT OF THE ANCHOR BOLTS AND HEAVY HEXAGON NUTS FOR BEARINGS SHALL BE INCLUDED IN THE WEIGHT OF THE FABRICATED STRUCTURAL STEEL (ASG).

THE NEOPRENE ELASTOMERIC PADS SHALL BE 70 DUROMETER FOR PTFE SLIDING BEARINGS & 70 DUROMETER FOR FIXED BEARINGS.

THE SOLE PLATE SHALL BE FURNISHED WITH THE BEARING AND FIELD OR SHOP WELDED TO THE GIRDERS.

STRUCTURAL STEEL FOR THE SOLE PLATE SHALL BE A-36

PAYMENT FOR THE SOLE PLATE WILL BE INCLUDED IN THE COST OF THE BEARING ASSEMBLY, SEE SPECIAL PROVISIONS.

THE ACCEPTED QUANTITY OF THE ELASTOMERIC BEARING ASSEMBLIES, COMPLETE-IN-PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TYPE "N" PTFE BEARINGS, EACH AND LAMINATED NEOPRENE BEARING PADS (STEEL STRUCTURES), EACH.

PTFE SLIDING BEARINGS

ABUT. NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	NUMBER OF SHIM PLATES(*)	NUMBER REQUIRED
1	16"	11"	15"	2'-1"	5"	**	1'-8"	1 7/16"	3 1/16"	1 1/8"	16"	1½"	2"	5/8"	1	9
3	16"	11"	15"	2'-1"	5"	**	1'-8"	1 7/16"	3 1/16"	1 1/8"	16"	1½"	2"	3/8"	1	9
															TOTAL BEARINGS	18

(*) THE REQUIRED SHIM PLATE SHALL BE PLACED BETWEEN EQUAL LAYERS OF ELASTOMER AND MOLDED TOGETHER TO FORM AN INTEGRAL UNIT.

DETAILS OF TYPE 'N' PTFE BEARINGS

FIXED BEARINGS

BENT NO.	A	B	C	D	F	G	J	K	L	M	N	P	NUMBER OF SHIM PLATES(*)	NUMBER REQUIRED
2	17"	2'-4"	2'-5"	2'-8"	***	1'-9"	5 1/4"	3 1/16"	16"	1 7/8"	2 1/4"	7/16"	5	9
													TOTAL BEARINGS	9

(*) THE REQUIRED SHIM PLATE SHALL BE PLACED BETWEEN EQUAL LAYERS OF ELASTOMER AND MOLDED TOGETHER TO FORM AN INTEGRAL UNIT.

DETAILS OF LAMINATED NEOPRENE BEARINGS

STL. 'N' BRG	REVISED	FEB. 1989
JAN. 1980		

DETAILED May 1990
CHECKED June 1990

NOTE: THIS DRAWING IS NOT TO SCALE. FOLLOW DIMENSIONS.

ST. CHARLES COUNTY

A-5045

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