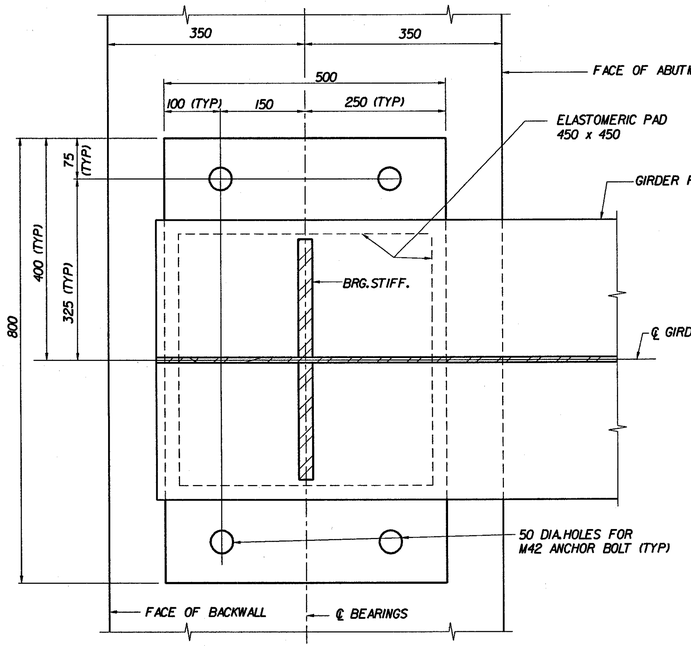
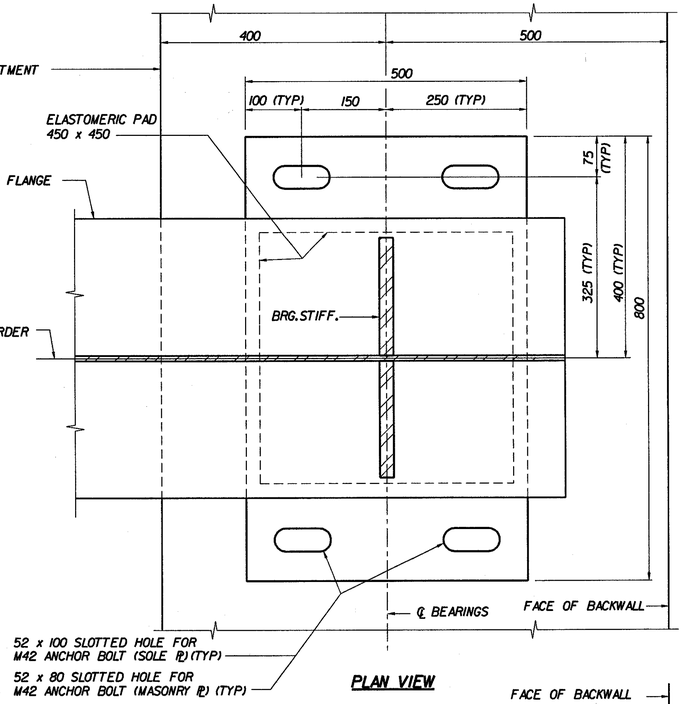
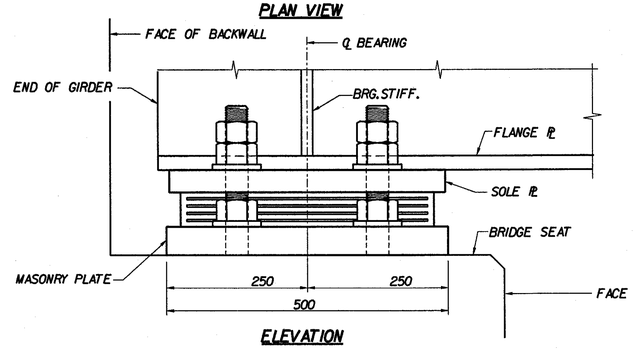
VAOT Metric



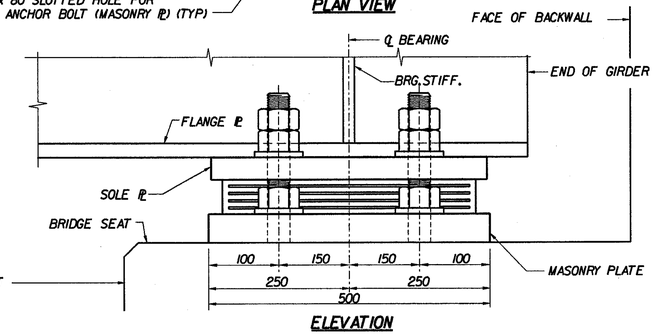
PLAN VIEW



PLAN VIEW



ELEVATION



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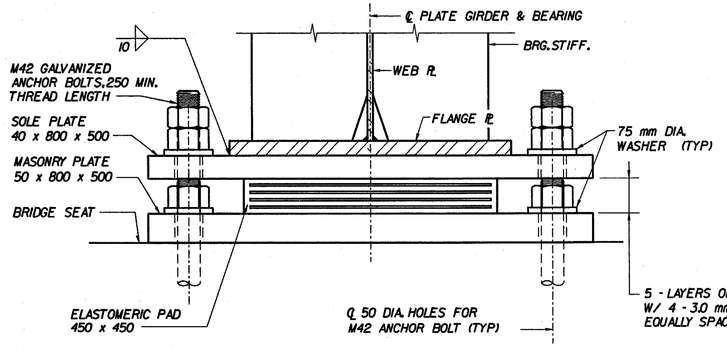
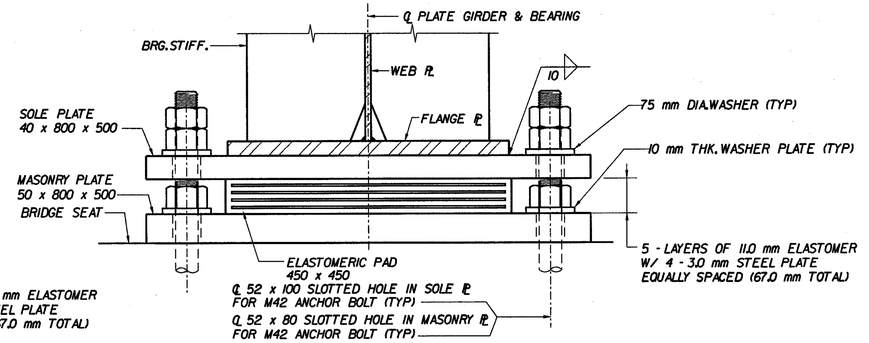


FIXED BEARING AT ABUTMENT 1 (FRONT VIEW)



EXPANSION BEARING AT ABUTMENT 2 (FRONT VIEW)

BEARING DETAILS

1m 0 1m

1:5

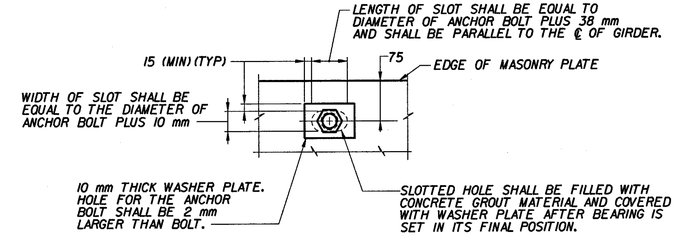
BRDET-1

BEARING TABLE

LOCATION	TYPE	ITEM NO.	QUANTITY REQUIRED	CAPACITY (kN)	SHAPE FACTOR	MAX. REACTION (kN)
ABUTMENT 1	FIXED	531.10	5	1250	9.33	1084
ABUTMENT 2	EXP.	531.10	5	1250	9.33	1084

BEARING NOTES:

1. BEARING SHALL CONFORM TO REQUIREMENT OF SECTION 531. COMPONENTS SHALL CONFORM TO DESIGN, FABRICATION AND MATERIAL REQUIREMENTS OF THE APPLICABLE SUBSECTIONS OF SECTION 731- BEARING PADS FOR STRUCTURES.
2. BEARINGS SHALL BE PAID FOR UNDER ITEM 531.10 "BEARING DEVICE ASSEMBLY."
3. SHOP DRAWINGS CONFORMING TO SUBSECTION 531.03 SHALL BE SUBMITTED TO DALE GOZALKOWSKI, CLOUGH HARBOUR & ASSOCIATES, 111 WINNERS CIRCLE, P.O. BOX 5269, ALBANY N.Y. 12205-0269 FOR APPROVAL AND SHALL INCLUDE WELDING AND BONDING PROCEDURES. SHOP DRAWING SHALL ALSO INDICATE WHETHER BEARING COMPONENTS ARE GALVANIZED OR METALIZED. IF METALIZED IS USED, THE SHOP DRAWINGS SHALL DENOTE THE TYPE OF SEAL COATING THAT WILL BE PLACED ON THE METALIZING.
4. SOLE PLATES AND WASHERS ARE TO BE GALVANIZED OR METALIZED AS PER SUBSECTION 506.15 (a) OR (b).
5. THE WELD BETWEEN THE SOLE PLATE AND BOTTOM FLANGE SHALL BE SMAW 8018 (C3). AREAS OF GALVANIZING ON THE SOLE PLATE DESTROYED IN THE WELDING PROCESS SHALL BE PAINTED WITH AN APPROVED SEALER REFER TO SUPPLIMENTAL SPECIFICATION 513.
6. THE CONCRETE SURFACE UNDER THE BEARING SHALL BE LEVEL.
7. ANCHOR BOLTS SHALL HAVE A 380 mm MINIMUM EMBEDMENT INTO CONCRETE. ANCHOR BOLTS NUTS AND WASHERS SHALL CONFORM TO SECTION 714.08 OF THE STANDARD SPECIFICATIONS.

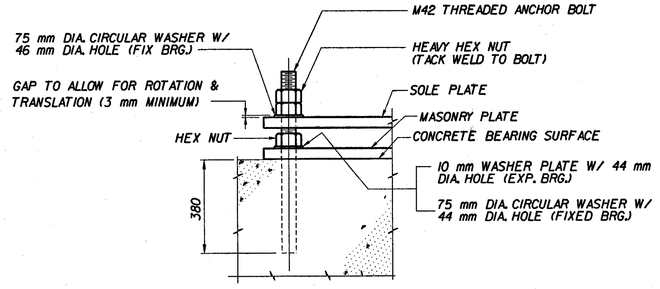


TYPICAL ANCHOR BOLT DETAIL FOR MASONRY PLATE
(FOR EXPANSION BEARINGS ONLY)

2 m 0 2 m

1:10

BRDET-4



TYPICAL ANCHOR BOLT DETAIL
(FOR ALL BEARINGS)

2 m 0 2 m

1:10

BRDET-4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No. BR500
	Log Sta.
Highway No. VT. RTE. 9	Surv. Sta. 14+900

VT. RTE. 9 OVER AIRPORT BROOK EAST

ELASTOMERIC BEARING DETAILS

Designed By M. GOGUEN	Drawn by B. WEATHERBY
Checked By P. PERKINS 11/01 Date	Bridge Design Supervisor M. OLSTAD Date 11/01
PROJECT BENNINGTON-HOOSICK	PROJECT NO. D.P.J. 0146(1)
I.G.C. Info.	
Bridge Sheet No. BR516	Sheet 246 OF 473

CHA CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS
111 WINNERS CIRCLE ALBANY, NEW YORK, 12205

FILE NAME = a:\3572\151\to-580\brgdtl.PLT
DATE/TIME = 10/17/2001
USER = BB4