

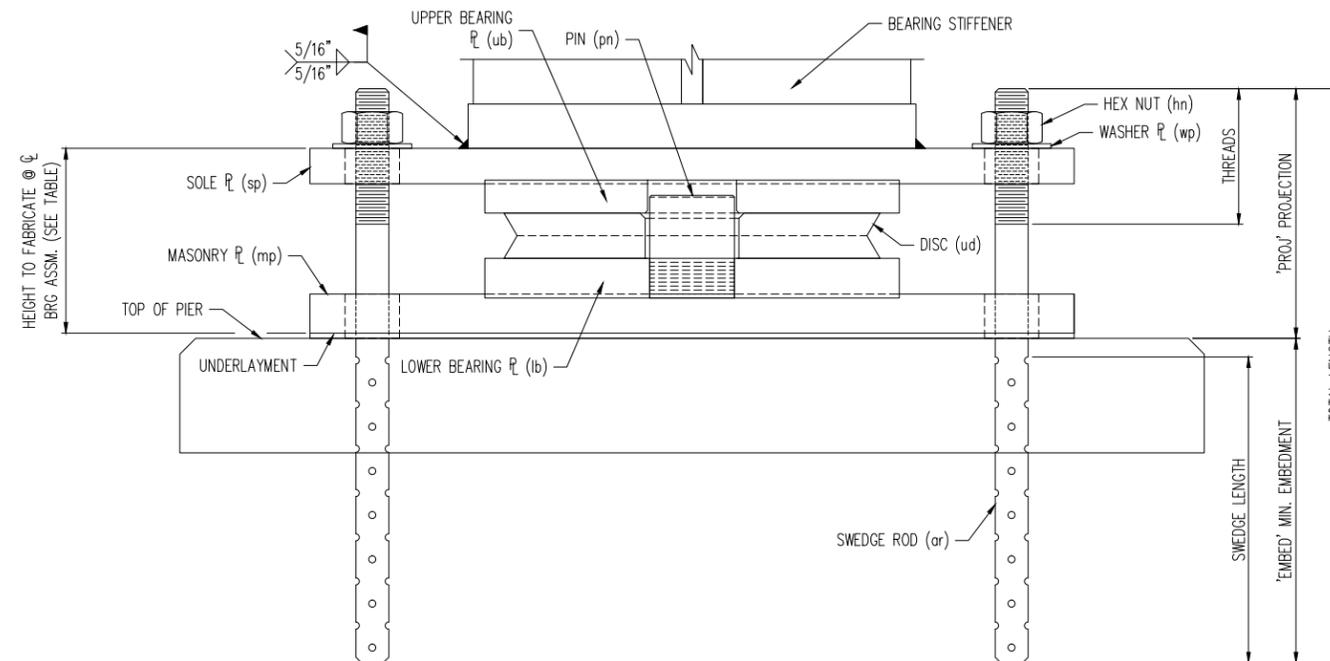
MK	QTY	DESCRIPTION
1A	5	DF-529
1sp1	5	SOLE PLATE
1ub1	5	UPPER BEARING PLATE
1lb1	5	LOWER BEARING PLATE
1ud1	5	URETHANE DISC
1pn1	5	SHEAR PIN
1mp1	5	MASONRY PLATE
1FA	5	UNDERLAYMENT (*SL)
1B	20	SWEDGE ROD (*SL)
1C	20	HEAVY HEX NUT (*SL)
1D	20	WASHER PLATE (*SL)

HLMR BEARING ASSEMBLY LOCATION & LRFD DESIGN INFORMATION (DF)															
MK	QTY	STRUCTURE	BEARING TYPE	LOCATION	MAX VERT. SERVICE	MAX VERT. STRENGTH	MAX HORIZ. SERVICE	MAX HORIZ. STRENGTH	LONG MVMNT	TRANS MVMNT	ROTATION (RAD)	HEIGHT TO FABRICATE	HEIGHT IN PLANS	DIFFERENCE IN PLANS	UNDERLAYMENT IN HEIGHT (Y/N)
1A	5	BRIDGE NO. 2 (TH 8)	DF-529	PIER: GDR 1 - GDR 5	529.0 kips	765.0 kips	110.0 kips	127.0 kips	0	0	0.02	6.113	6.188	-0.075	NO

ANCHOR ROD SCHEDULE (ALL BEARING STYLES)											
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	LENGTH	PROJ	EMBED	REMARKS	LOCATION	MATERIAL	COATING
1B	1A	1ar1	20	1.500	28.000	10.000	18.000	5" threads, 17" swedge	PIER: GDR 1 - GDR 5	F1554 GR 55	A153-HDG

NUT SCHEDULE (DF)									
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	MATERIAL	COATING			
1C	1A	1hn1	20	1.500	A563-DH or A194-2H Heavy Hex	A153-HDG, Dry Lube & Dye			

WASHER SCHEDULE (DF)									
ASSEM MK	FOR BRG	PIECE MK	QTY	THICKNESS	WIDTH	LENGTH	REMARKS	MATERIAL	COATING
1D	1A	1wp1	20	0.375	3.000	3.000	Ø1.875" hole @ ctr	A36	A123-HDG



DF FIXED HLMR DISC BEARING ASSEMBLY
PAID ITEM NO. 531.15

* SL = SHIPPED LOOSE
SEE SHT. 02, 03, 04, & 05 FOR SUB-ASSEMBLY DETAILS.
SEE SHT. G01 FOR GENERAL NOTES & G02 FOR COATING NOTES & LIMITS.
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

REV.	DESCRIPTION	DATE	DET.	CKD.

Vermont Agency of Transportation
RECEIVED

CK'D BY MEM OK'D BY CWC

Dec. 1, 2014

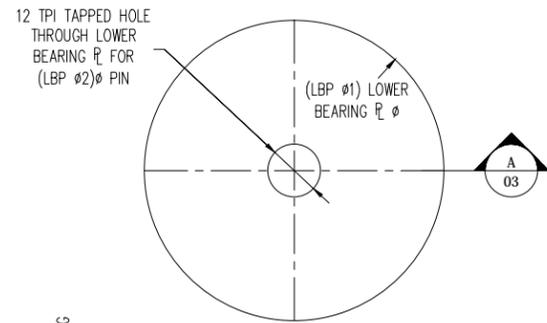
RESUBMIT APPROVED
BY C. Carlson DATE 12-22-2014



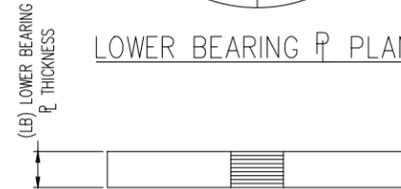
LOCATION	ITEM	QUANTITY
LOCATION - RIVER ST. OVER OTTER CREEK	45525-1114-1	5 OF 5
BRIDGE - 2 (TH 8)	-	-
PROJECT - BRF 3000 (16)	-	-
PROJECT NAME - RUTLAND CITY	-	-
P.O. NO. - 201403606	-	-
DESIGNER - EVANS-MONGEON	-	-
CUSTOMER - KUBRICKY CONSTRUCTION CORP.	-	-

SCALE	DRAWN BY	CHECKED BY	DATE
N.T.S.	DA	CMS	11/19/14

DESCRIPTION	PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET
DF FIXED HLMR ASSEMBLY & DESIGN INFORMATION RUTLAND CO., VT	45525	1114	1	01

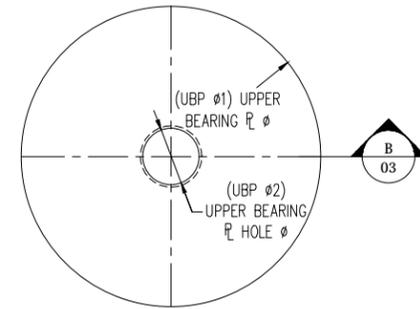


LOWER BEARING P PLAN



SECTION 'A'

LOWER BEARING PLATE SCHEDULE (DF)						
ASSEM MK	PIECE MK	QTY	LB	LBP Ø1	LBP Ø2	LBP MATERIAL
1A	1lb1	5	1.400	15.000	2.625	A709 GR 50W



UPPER BEARING P PLAN



SECTION 'B'

UPPER BEARING PLATE SCHEDULE (DF)						
ASSEM MK	PIECE MK	QTY	UB	UBP Ø1	UBP Ø2	UBP MATERIAL
1A	1ub1	5	1.400	15.000	2.688	A709 GR 50W

SEE SHT. 01 ASSEMBLY DETAILS & DESIGN INFORMATION.
SEE SHT. 02, 04, & 05 FOR SUB-ASSEMBLY DETAILS.
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REV.	DESCRIPTION	DATE	DET.	CKD.

Vermont Agency of Transportation
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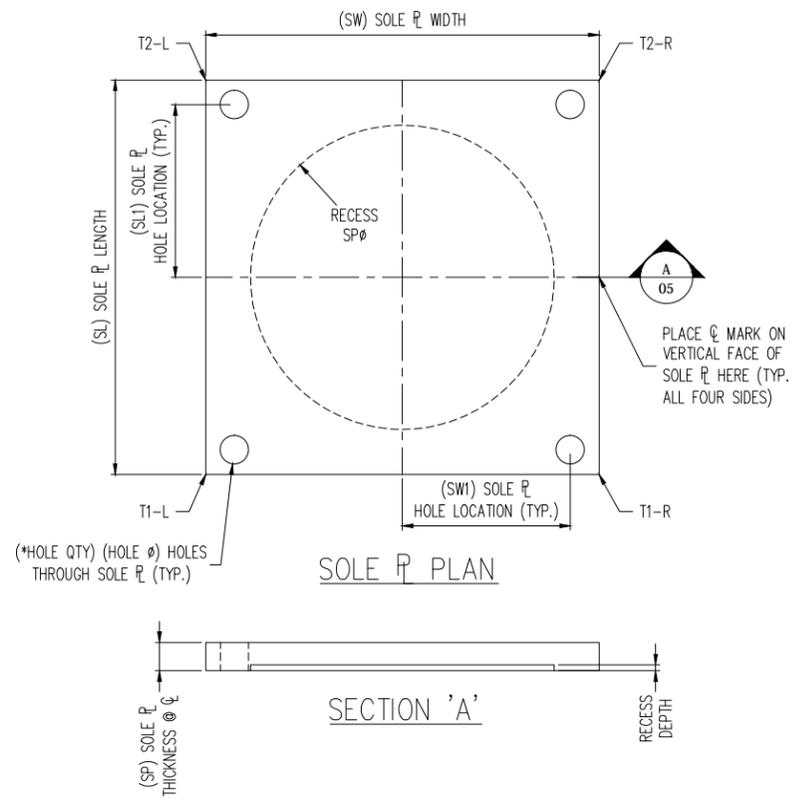
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Dec. 1, 2014

RESUBMIT APPROVED

BY C. Carlson DATE 12-22-2014

DESCRIPTION	SCALE	DRAWN BY	CHECKED BY	DATE	ITEM	QUANTITY
LOCATION — RIVER ST. OVER OTTER CREEK	N.T.S.	DA	CMS	11/19/14	—	—
BRIDGE — 2 (TH Ø)					—	—
PROJECT — BR 3000 (16)					—	—
PROJECT NAME — RUTLAND CITY					—	—
P.O. NO. — 201403606					—	—
DESIGNER — EVANS-MONGEON					—	—
CUSTOMER — KUBRICKY CONSTRUCTION CORP.					—	—
DESCRIPTION: DF FIXED HLMR SUB-ASSEMBLY DETAILS						
RUTLAND CO., VT	45525	1114			1	03



SOLE PLATE SCHEDULE (DF)																
ASSEM MK	PIECE MK	QTY	BEVEL T1-L	BEVEL T1-R	BEVEL T2-L	BEVEL T2-R	SP	SW	SL	RECESS SPØ	RECESS DEPTH	SW1	SL1	*HOLE QTY	HOLE Ø	SOLE PLATE MATERIAL
1A	1sp1	5	1.250	1.250	1.250	1.250	1.250	36.000	27.000	15.063	0.250	15.750	6.750	4	1.875	A709 GR 50W

* PER PLATE
SEE SHT. 01 ASSEMBLY DETAILS & DESIGN INFORMATION.
SEE SHT. 02, 03, & 04 FOR SUB-ASSEMBLY DETAILS.
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Dec. 1, 2014

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BY C. Carlson DATE 12-22-2014

D.S. BROWN
A GIBRALTAR INDUSTRIES COMPANY

THE D.S. BROWN COMPANY
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
WWW.DSBROWN.COM

DESCRIPTION	SCALE	DRAWN BY	CHECKED BY	DATE	ITEM	QUANTITY
LOCATION — RIVER ST. OVER OTTER CREEK	N.T.S.	DA	CMS	11/19/14	—	—
BRIDGE — 2 (TH Ø)					—	—
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DESIGNER — EVANS-MONGEON					—	—
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DESCRIPTION	SCALE	DRAWN BY	CHECKED BY	DATE	ITEM	QUANTITY
DF FIXED HLMR SUB-ASSEMBLY DETAILS	N.T.S.	DA	CMS	11/19/14	—	—
RUTLAND CO., VT	45525	1114	1	05		