MK	QTY	DESCRIPTION
6A	1	PMG-165
6sp1	1	SOLE PLATE
6st1	1	STAINLESS STEEL
6pt1	1	PTFE DISC
6ps1	1	PISTON
6pt1	1	POT PLATE
6es1	1	ELASTOMERIC DISC
6br1	3	BRASS RING
6gb1	2	GUIDE BAR
6sg1	2	G.B. STAINLESS STEEL
6pg1	2	G.B. LOW-FRICTION MAT'L
6mp1	1	MASONRY PLATE
6FA	1	UNDERLAYMENT (*SL)
6F	2	SMEDGE ROD (*SL)
6H	2	HEAVY HEX NUT (*SL)
6M	2	WASHER PLATE (*SL)

MK	QTY	DESCRIPTION
6B	1	PMG-165
6sp2	1	SOLE PLATE
6st1	1	STAINLESS STEEL
6pt1	1	PTFE DISC
6ps1	1	PISTON
6pt1	1	POT PLATE
6es1	1	ELASTOMERIC DISC
6br1	3	BRASS RING
6gb1	2	GUIDE BAR
6sg1	2	G.B. STAINLESS STEEL
6pg1	2	G.B. LOW-FRICTION MAT'L
6mp1	1	MASONRY PLATE
6FB	1	UNDERLAYMENT (*SL)
6F	2	SMEDGE ROD (*SL)
6H	2	HEAVY HEX NUT (*SL)
6M	2	WASHER PLATE (*SL)

MK	QTY	DESCRIPTION
6C	1	PMGT-140
6sp3	1	SOLE PLATE
6st2	1	STAINLESS STEEL
6pt2	1	PTFE DISC
6ps2	1	PISTON
6pt2	1	POT PLATE
6es2	1	ELASTOMERIC DISC
6br2	3	BRASS RING
6gb2	2	GUIDE BAR
6sg2	2	G.B. STAINLESS STEEL
6pg2	2	G.B. LOW-FRICTION MAT'L
6mp2	1	MASONRY PLATE
6FC	1	UNDERLAYMENT (*SL)
6G	2	SMEDGE ROD (*SL)
6K	2	HEAVY HEX NUT (*SL)
6N	2	WASHER PLATE (*SL)

MK	QTY	DESCRIPTION
6D	1	PMGT-300
6sp4	1	SOLE PLATE
6st3	1	STAINLESS STEEL
6pt3	1	PTFE DISC
6ps3	1	PISTON
6pt3	1	POT PLATE
6es3	1	ELASTOMERIC DISC
6br3	3	BRASS RING
6gb3	2	GUIDE BAR
6sg3	2	G.B. STAINLESS STEEL
6pg3	2	G.B. LOW-FRICTION MAT'L
6mp3	1	MASONRY PLATE
6FD	1	UNDERLAYMENT (*SL)
6G	2	SMEDGE ROD (*SL)
6K	2	HEAVY HEX NUT (*SL)
6N	2	WASHER PLATE (*SL)

HLMR BEARING ASSEMBLY LOCATION & LRFD DESIGN INFORMATION (PMG)

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)
6A	1	Bridge No. 57	PMG-165	ABUTMENT 1: C2	165.0 Kips	214.0 Kips	42.0 Kips	61.0 Kips	2.000	0	0.03	6.174	9.000	-2.826	YES
6B	1	Bridge No. 57	PMG-165	ABUTMENT 1: C3	165.0 Kips	214.0 Kips	42.0 Kips	61.0 Kips	2.000	0	0.03	6.174	9.000	-2.826	YES
6C	1	Bridge No. 57	PMGT-140	ABUTMENT 2: C1	140.0 Kips	205.0 Kips	35.0 Kips	52.0 Kips	1.000	0	0.03	5.939	9.000	-3.061	YES
6D	1	Bridge No. 57	PMGT-300	ABUTMENT 2: C4	300.0 Kips	450.0 Kips	75.0 Kips	115.0 Kips	1.000	0	0.03	8.165	9.000	-0.835	YES

ELASTOMERIC DISC SCHEDULE (PMG)

ASSEM MK	PIECE MK	QTY	ELASTOMERIC DISC DIMENSIONS	ELASTOMER MATERIAL
6A	6es1	1	0.875 X 7.750ø	Neoprene, 50H/-5 Duro Gr.3
6B	6es1	1	0.875 X 7.750ø	Neoprene, 50H/-5 Duro Gr.3
6C	6es2	1	0.750 X 7.500ø	Neoprene, 50H/-5 Duro Gr.3
6D	6es3	1	1.125 X 10.500ø	Neoprene, 50H/-5 Duro Gr.3

BRASS RING SCHEDULE (PMG)

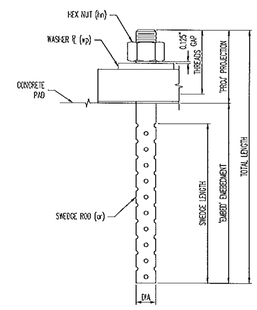
ASSEM MK	PIECE MK	QTY	BRASS RING DIMENSIONS	BRASS MATERIAL
6A	6br1	3	0.024 X 0.375 X 7.750ø	B36 Half-Hard
6B	6br1	3	0.024 X 0.375 X 7.750ø	B36 Half-Hard
6C	6br2	3	0.024 X 0.375 X 7.500ø	B36 Half-Hard
6D	6br3	3	0.024 X 0.375 X 10.500ø	B36 Half-Hard

PTFE DISC SCHEDULE (PMG)

ASSEM MK	PIECE MK	QTY	PTFE DIMENSIONS	PTFE DISC MATERIAL
6A	6pt1	1	0.188 X 7.750ø	Pure Virgin Unfilled
6B	6pt1	1	0.188 X 7.750ø	Pure Virgin Unfilled
6C	6pt2	1	0.188 X 7.250ø	Pure Virgin Unfilled
6D	6pt3	1	0.188 X 10.500ø	Pure Virgin Unfilled

GUIDE BAR LOW-FRICTION MAT'L SCHEDULE (PMG)

ASSEM MK	PIECE MK	QTY	LOW-FRICTION MAT'L DIMENSIONS	LOW-FRICTION MATERIAL
6A	6pg1	2	0.188 X 1.000 X 7.750	Filled and Pigmented
6B	6pg1	2	0.188 X 1.000 X 7.750	Filled and Pigmented
6C	6pg2	2	0.188 X 0.875 X 7.250	Filled and Pigmented
6D	6pg3	2	0.188 X 1.375 X 10.500	Filled and Pigmented



ANCHOR ASSEMBLY DETAIL

ANCHOR ROD SCHEDULE (PMG)

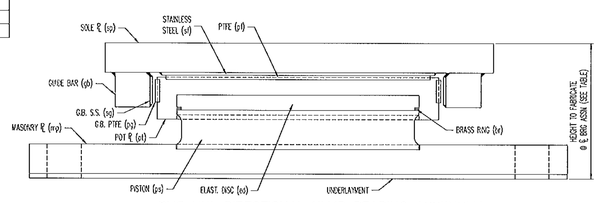
ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	LENGTH	PROJ	EMBED	REMARKS	LOCATION	MATERIAL	COATING
6F	6A	6sr1	2	1.500	20.000	5.000	15.000	4" threads, 14" smedge	ABUTMENT 1: C2	F1554 GR 36	A153-HDG
6F	6B	6sr1	2	1.500	20.000	5.000	15.000	4" threads, 14" smedge	ABUTMENT 1: C3	F1554 GR 36	A153-HDG
6F	6C	6sr1	1	1.500	20.000	5.000	15.000	4" threads, 14" smedge	ABUTMENT 2: C1	F1554 GR 36	A153-HDG
6G	6D	6sr2	2	2.000	21.000	6.000	15.000	4" threads, 14" smedge	ABUTMENT 2: C4	F1554 GR 36	A153-HDG

NUT SCHEDULE (PMG)

ASSEM MK	FOR BRG	PIECE MK	QTY	DIA	MATERIAL	COATING
6H	6A	6hn1	2	1.500	A563-DH or A194-2H	A153-HDG, Dry Lube & Dye
6H	6B	6hn1	2	1.500	A563-DH or A194-2H	A153-HDG, Dry Lube & Dye
6H	6C	6hn1	2	1.500	A563-DH or A194-2H	A153-HDG, Dry Lube & Dye
6K	6D	6hn2	2	2.000	A563-DH or A194-2H	A153-HDG, Dry Lube & Dye

WASHER SCHEDULE (PMG)

ASSEM MK	FOR BRG	PIECE MK	QTY	THICKNESS	WIDTH	LENGTH	REMARKS	MATERIAL	COATING
6M	6A	6wp1	2	0.375	3.000	3.000	#1.625" HOLE @ CTR	A36	A123-HDG
6M	6B	6wp1	2	0.375	3.000	3.000	#1.625" HOLE @ CTR	A36	A123-HDG
6M	6C	6wp1	2	0.375	3.000	3.000	#1.625" HOLE @ CTR	A36	A123-HDG
6N	6D	6wp2	2	0.375	4.000	4.000	#2.125" HOLE @ CTR	A36	A123-HDG



PMG UNI-DIRECTIONAL HLMR BEARING ASSEMBLY

Vermont Agency of Transportation
RECEIVED
CK'D BY GML OK'D BY JEL
8:53 am, Mar 29, 2012
RESUBMIT ____ APPROVED X
BY KMH DATE 3/29/2012

SEE SHT. 07 & 08 FOR SUB-ASSEMBLY DETAILS.
SEE SHT. 0N1 FOR GENERAL NOTES & COATING LIMITS.
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
THE D.S. BROWN COMPANY
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.3352
WWW.DSBROWN.COM

LOCATION — TOWN HIGHWAY & BRIDGE NO. 57
BRIDGE — 57
PROJECT NO. — BRO 1442(26)
PROJECT NAME — SPRINGFIELD
—
DESIGNER — VTDOT
CUSTOMER — T BUCK CONSTRUCTION, INC.

ITEM	QUANTITY
35029-1112-2	2 OF 2
35029-1112-4	1 OF 1
35029-1112-5	1 OF 1
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DESCRIPTION: PMG UNI-DIRECTIONAL HLMR ASSEMBLY & DESIGN INFORMATION
WINDSOR CO., VT

SCALE	DRAWN BY	DESIGNED BY	DATE	
N.T.S.	DA	KTC	1/26/12	--

PROJECT NUMBER	PROJECT CODE	REVISION	SHEET
35029	1112	1	06