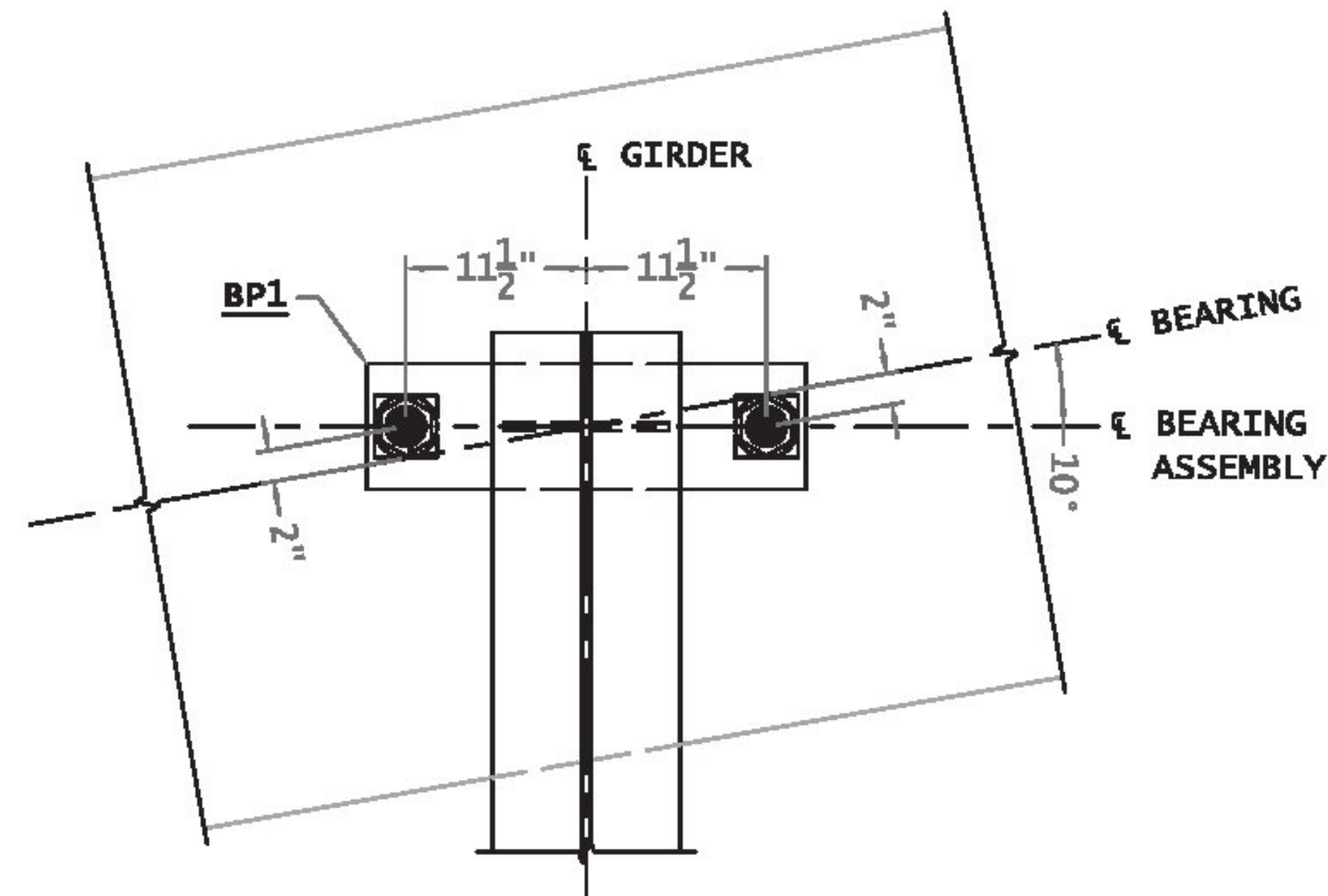
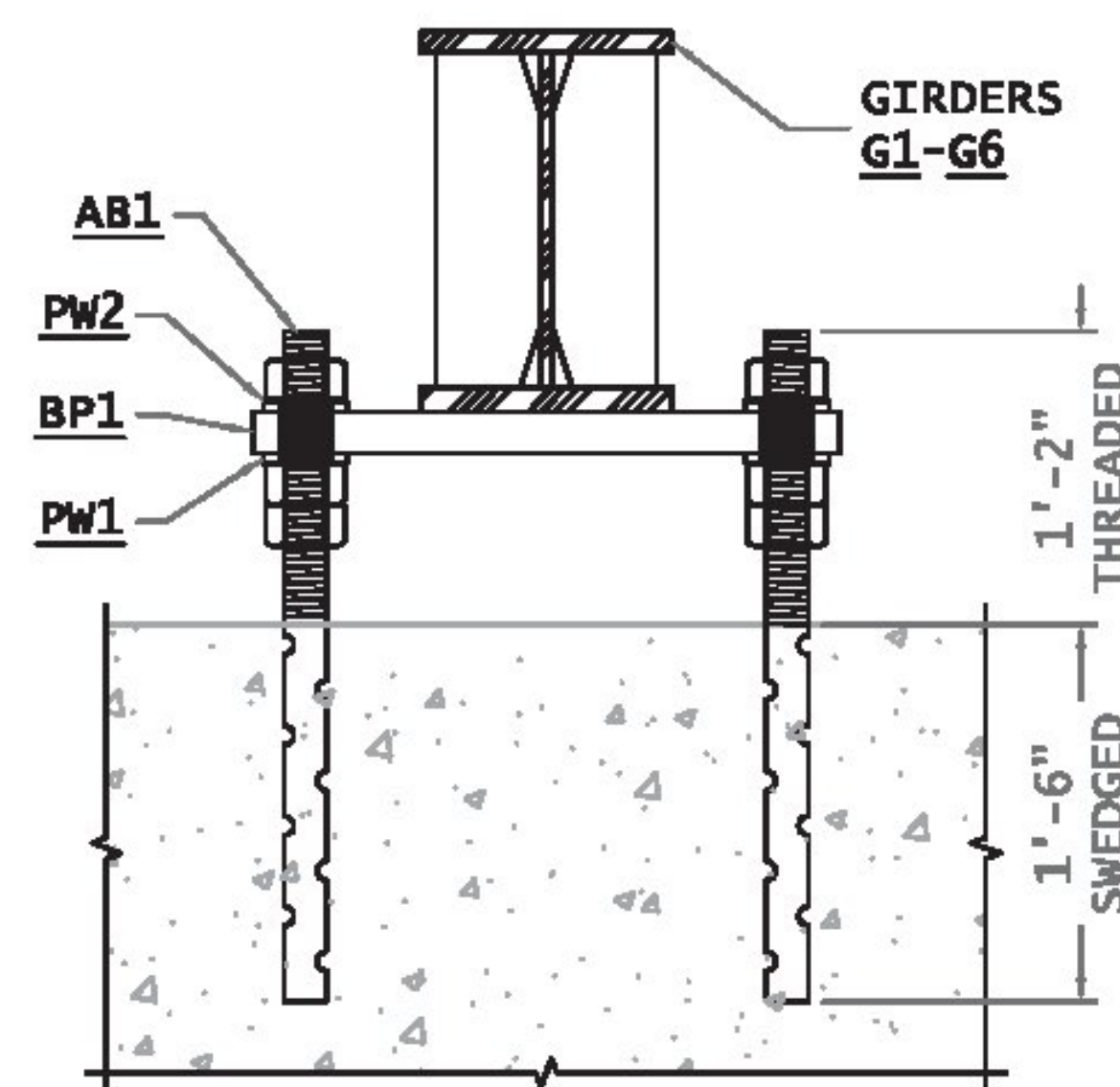




TEMPORARY BEARING ASSEMBLY
(PLAN)



TEMPORARY BEARING ASSEMBLY
(ELEVATION)

GENERAL NOTES:

MATERIAL SPECIFICATIONS

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE VERMONT AGENCY OF TRANSPORTATION 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND THEIR LATEST REVISIONS
- BEARING PLATE & PLATE WASHERS SHALL BE ASTM A572 GR.50 U.N.O.
- ALL MATERIAL DENOTED "CVN" IN THE BILL OF MATERIAL SHALL MEET THE CHARPY V-NOTCH TESTING REQUIREMENTS OF ZONE 2, H FREQUENCY: 15 FT-LB AT 40 ° (UP TO 2" WELDED)
- ANCHOR RODS SHALL BE ASTM F1554 GR.55 - HEAVY HEX NUTS ASTM A563 GRADE DH - HARDENED WASHERS ASTM F436 TYPE 1 - DTI WASHERS ASTM F-959

FABRICATION

- DIE STAMPING IS ALLOWED IN SPECIFIC LOCATIONS WITH THE APPROVAL OF THE ENGINEER.
- ALL SHARP CORNERS OR EDGES SHALL BE ROUNDED TO A MINIMUM RADIUS OF 1/16" PER STANDARD SPEC. 506.14(b)
- ALL PLATE MEMBERS SHALL BE CUT SO THAT THE PRIMARY DIRECTION OF ROLLING IS PARALLEL TO THE MAIN TENSILE OR COMPRESSIVE STRESS PER STANDARD SPEC. 506.08
- FLANGE PLATE MATERIAL SHALL HAVE AN EDGE HARDNESS NOT GREATER THAN HRC 30 PER STANDARD SPEC. 506.09
- ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH SUBSECTION 506.10
- NON DESTRUCTIVE TESTING OF WELDS SHALL BE IN ACCORDANCE WITH ANSI/AASHTO/AWS D1.5 - SECTION 6.

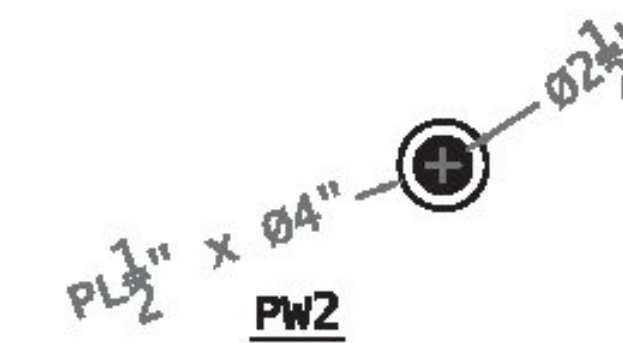
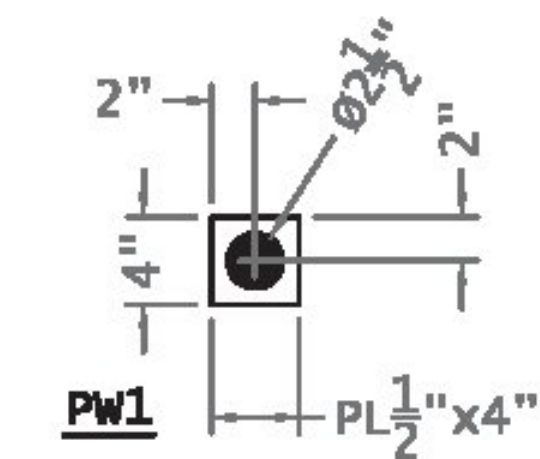
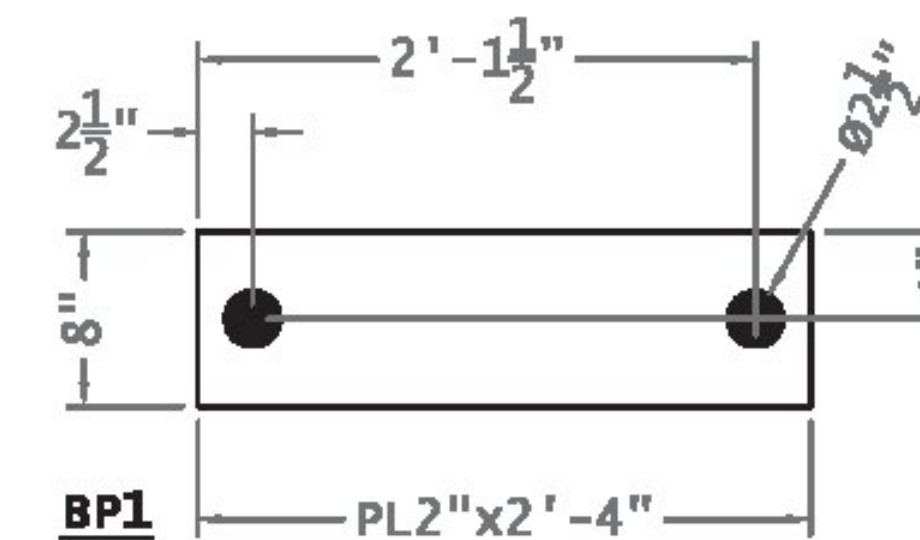
INSTALLATION

- BEARING PLATES SHALL BE LEVEL PRIOR TO SETTING PBUs. ELEVATIONS SHALL BE ADJUSTED TO WITHIN 0.01' OF ELEVATIONS NOTED DURING OFF-SITE FABRICATION OF THE UNITS
- ALL ERECTION MARKS, MATCH MARKS & WEIGHT MARKS MUST NOT BE EXPOSED IN THE FINISHED STRUCTURE.

COATINGS & FINISH

- ALL STEEL IS TO BE HOT-DIP GALVANIZED IN ACCORDANCE WITH SUBSECTION 726.08.
- ALL HARDWARE IS TO BE MECHANICALLY GALVANIZED IN ACCORDANCE WITH AASHTO M298, CLASS 50, TYPE 1.

BILL OF MATERIALS									
SHIP MARK	SHIP QTY	PIECE MARK	PC. QTY	DESCRIPTION	LENGTH		WT. lbs. ea.	WT. lbs. tot.	MAT'L
					Ft.	In.			
		BP1	12	PL 2 " x 8 "	2	4	127.0	1524.1	
		PW1	24	PL 1/2 " x 4 "	0	4	2.3	54.4	
		PW2	24	PL 1/2 " x 4" DIA			1.8	43.2	
		AB1	24	2" DIA. SWEDGED ANCHOR	2	8			
			72	2" HEAVY HEX NUT					
TOTAL WEIGHT =								1621.7	



Vermont Agency of Transportation

RECEIVED

Stamp by 017X10 - Bearing Detail 3-21-17.pdf

CK'D BY RMK OK'D BY JDG

March 21, 2017

RESUBMIT No Approved
BY K. Higgins DATE 04/04/17

FINISH:	HOT-DIP GALVANIZED		
MATERIAL:	ASTM A572 GR. 50		
HOLES:	Ø 2 1/2" U.N.O.		
ELECTRODES:	PER WELD PROCEDURE		
WELDS:	PER WELD PROCEDURE	ISSUED FOR APPROVAL	3/17/17
SURFACE PREP:	SSPC-SP6	No.	Revision
Author:	ARC ENTERPRISES INC.	Detailer:	DRAFTWORKS DETAILING 11 CHESTNUT ST. AMESBURY, MA
Job Number:	16-181	Temp. Bearing Assembly	Sheet No.: 1 OF 1
Original Submittal Date:	3/17/17	VTRANS, STRAFFORD VT BRIDGE REPLACEMENT PROJ# BF 0177 (10)	Stamp No.: BA-1
Drawn By:	DAP	Checked By:	DAP
Scale:		Scale:	MILLER CONSTRUCTION