

IN ACCORDANCE WITH CONTRACT PLAN SHEETS 59/91, 121/153 AND 174/207 OF 238, 9/3/2013

REVISIONS		
REV.	DESCRIPTION	DATE
A	SUBMITTAL	2/25/14
B	REVISE AND RESUBMIT	3/7/2014

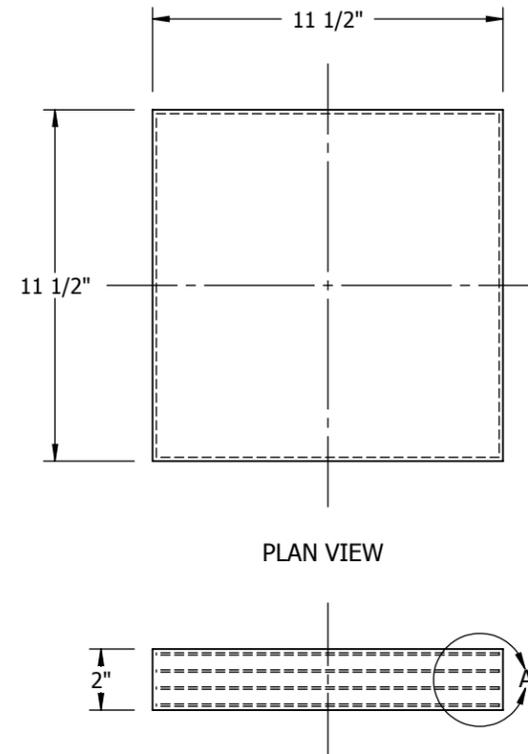
GENERAL NOTES

- ALL BEARINGS SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTIONS 531 AND 731, UNLESS NOTED OTHERWISE. ANCHOR RODS PER 714.08.
- MATERIALS:**
 ELASTOMER: LAMINATED.....60 ± 5 DURO NATURAL, GRADE 4
 ELASTOMER: PLAIN.....60 ± 5 DURO NATURAL, GRADE 4

 CARBON STEEL SHIMS.....ASTM A1011, GR. 40
 (QUOTED 14 GA. IN LIEU OF 1/16" DUE TO AVAILABILITY)

 EXTERNAL STEEL PLATES.....ASTM A588
- TOLERANCES:**
LAMINATED PADS:
 VERTICAL.....-0, +1/4"
 HORIZONTAL.....-0, +1/4"
 THICKNESS OF LAYERS.....±1/8"
 PARALLELISM TOP.....0.005 rad
 PARALLELISM SIDES.....1/4"
 EDGE COVER.....-0, +1/8"

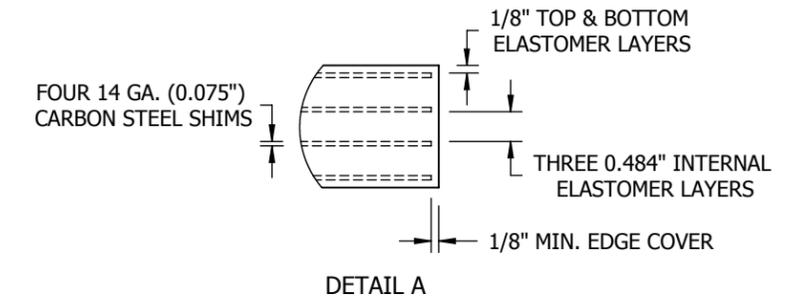
PLATES:
 THICKNESS.....±1/16"
 LENGTH & WIDTH.....±1/4"
 FLATNESS.....1/16"
 HOLE POSITION.....±1/16" FROM C/L
 HOLE SIZE.....-0, +1/16"
 BEVEL SLOPE.....±0.002 rad
- MARKINGS:**
 EACH BEARING SHALL BE PERMANENTLY MARKED IN A LOCATION THAT IS VISIBLE WHEN THE DEVICE IS INSTALLED IN THE COMPLETED STRUCTURE. MARKING SHALL BE SEP STANDARD:
 CONTRACT/ORDER #
 LOT #
 BEARING ID # (MK. #)
 LOCATION/BRIDGE #
 ELASTOMER TYPE AND GRADE
 ORIENTATION (WHERE APPLICABLE)
- PAINT/GALVANIZE:** HARDWARE GALVANIZED PER ASTM A153/A123 AS APPLICABLE. NO FINISH ON ASTM A588 WEATHERING STEEL.
- TESTING:** IN ACCORDANCE WITH THE VERMONT AOT SPECIFICATIONS.
- REPRESENTATIVE**
 CUSTOMER SERVICE: STEVE BOWMAN.....903-677-4318
 TECHNICAL: MIKE SPELLMAN.....903-677-4342



**MK.01
LAMINATED BEARING PADS**

(16) @ BRIDGE 15, BRF 0162(16)
 (12) @ BRIDGE 16, BRF 0162(17)

(28) REQ'D



Seismic Energy Products, Inc.

STRUCTURAL BEARINGS FOR BRIDGES & BUILDINGS
 ATHENS, TX PHONE: 903-675-8571

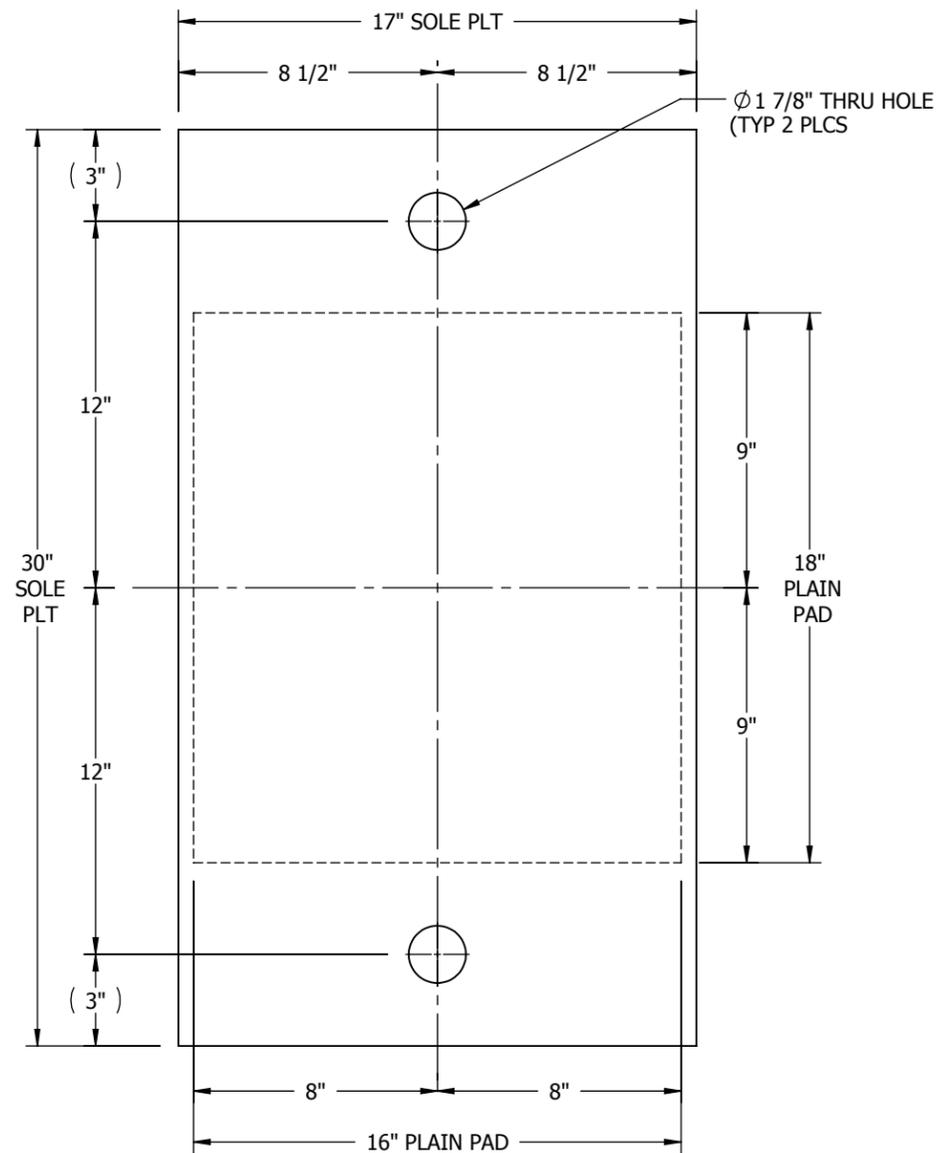
BEARING ASSY FOR:
 STATE OF VERMONT AGENCY OF TRANSPORTATION

VT ROUTE 73 (RURAL MAJOR COLLECTOR)

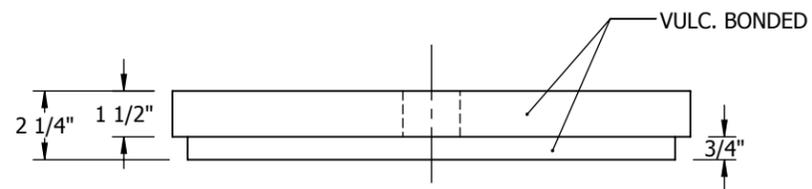
PROJECT NOS. BRF 0162(16), (17), (18)	CONTRACTOR: W.M. SCHULTZ CONSTRUCTION, INC.		
TOWN ROCHESTER	DRAWN CWILLIAMS	DATE 2/10/13	PO # EMAIL
COUNTY WINDSOR	CHECKED	DATE	SO NO. & ST. 58055 VT
ROUTE NO 73	REVIEWED MSPELLMAN	DATE 2/25/14	SHEET 1 OF 2
BRIDGE NOS. 15, 16 & 19			

GENERAL NOTES

SEE SHEET 1



PLAN VIEW

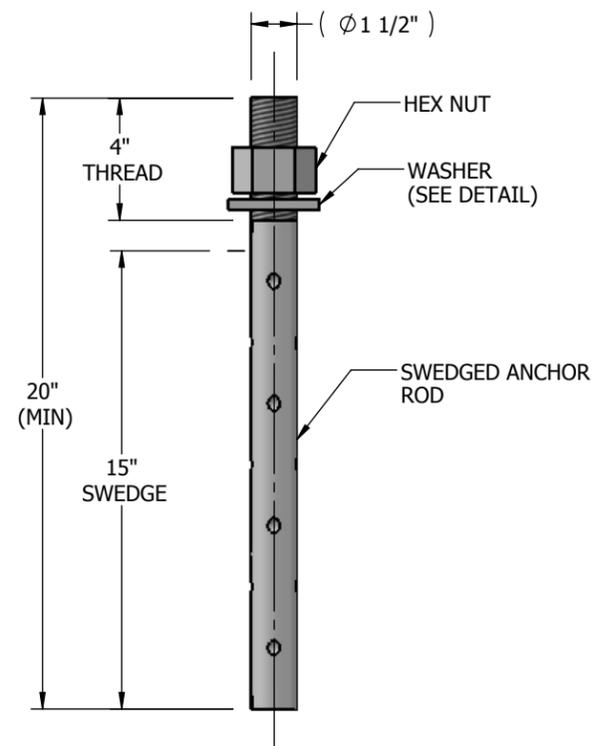


ELEVATION VIEW

**MK.02
BEARING PAD ASSEMBLY**

@ ABUT 2, BRIDGE 19, BRF 0162(18)
FIXED

(5) REQ'D

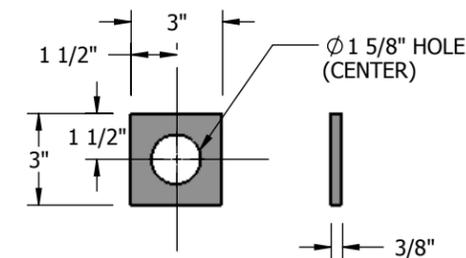


**MK.03
ANCHOR ROD ASSEMBLY**
1 1/2-6UNC X 20" (MIN.) LONG ASTM F1554 GR.55
SWEDGED ANCHOR ROD
WITH ONE ASTM A563 HEAVY HEX NUT
AND ONE ASTM A36 PLATE WASHER (SEE DETAIL)
ALL GALVANIZED PER ASTM A153/A123 AS APPLICABLE

@ BRIDGE 19, BRF 0162(18)

(10) ASSEMBLIES REQ'D

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WASHER DETAIL
3/8" X 3" X 3" ASTM A36
STEEL PLATE WASHER
W/ ϕ 1 5/8" HOLE - CENTER

Seismic Energy Products, Inc.

STRUCTURAL BEARINGS FOR BRIDGES & BUILDINGS
ATHENS, TX PHONE: 903-675-8571

BEARING ASSY FOR:
STATE OF VERMONT AGENCY OF TRANSPORTATION

VT ROUTE 73 (RURAL MAJOR COLLECTOR)

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ROUTE NO 73	REVIEWED MSPELLMAN	DATE 2/25/14	SHEET 2 OF 2
BRIDGE NOS. 15, 16 & 19			