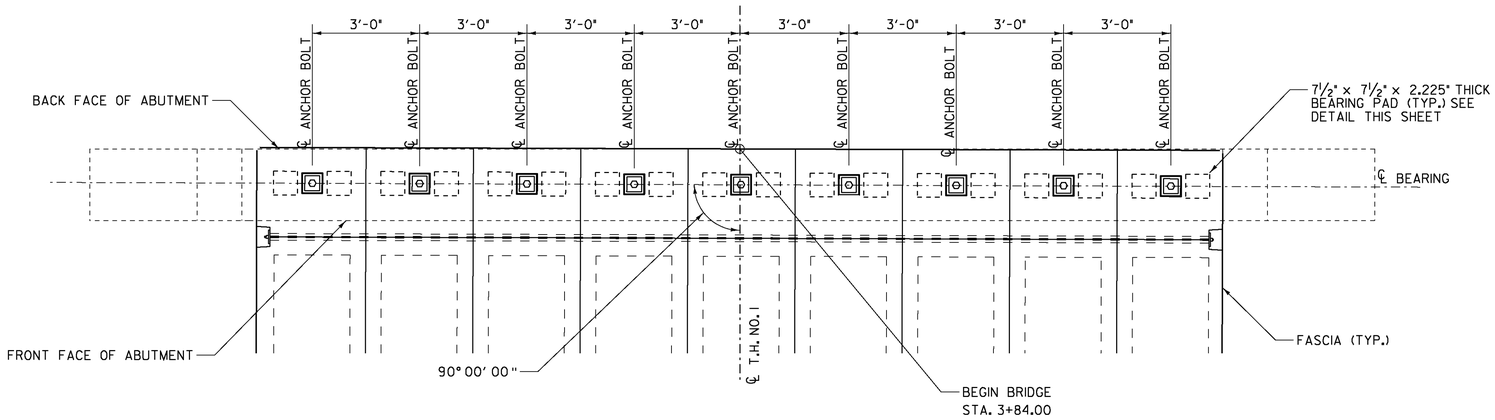
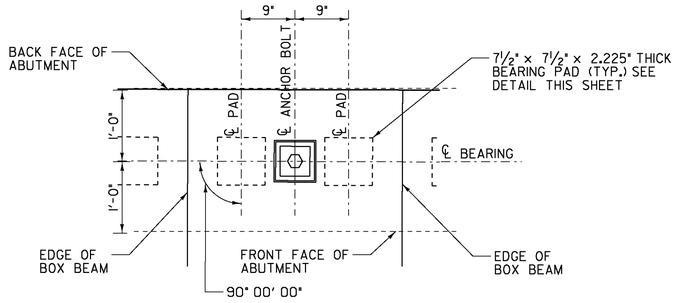


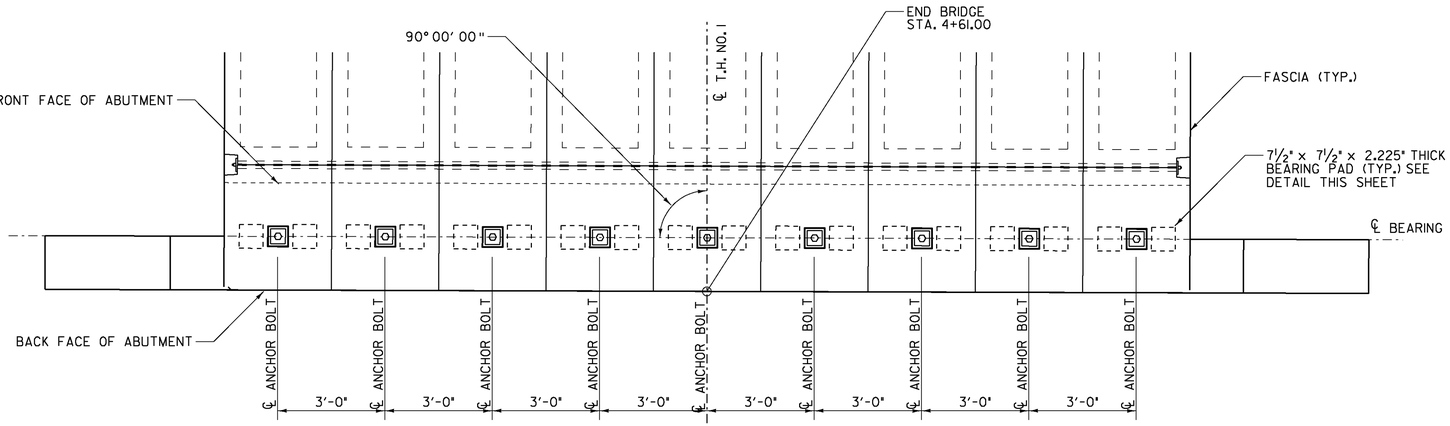
TYPICAL BEARING PAD PLACEMENT PLAN ABUTMENT NO. 1

SCALE ½" = 1'-0"



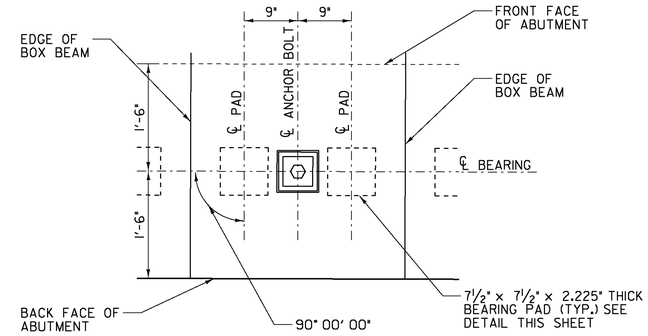
TYPICAL BEARING PAD PLACEMENT ABUTMENT NO. 1

SCALE 1" = 1'-0"



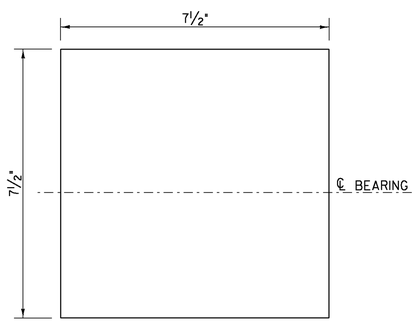
TYPICAL BEARING PAD PLACEMENT PLAN ABUTMENT NO. 2

SCALE ½" = 1'-0"



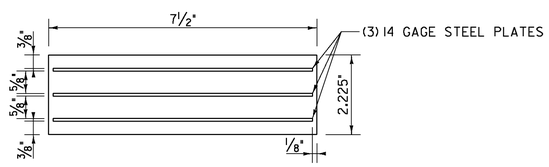
TYPICAL BEARING PAD PLACEMENT ABUTMENT NO. 2

SCALE 1" = 1'-0"



BEARING PAD DETAIL (PLAN)

SCALE ½" = 1"



BEARING PAD DETAIL (CROSS SECTION)

SCALE ½" = 1"

NOTES:

1. BEARING PADS ARE TO BE SET PARALLEL TO THE EDGE OF THE PRESTRESSED UNITS.
2. THERE WILL BE 36 BEARING PADS REQUIRED.
3. A TOTAL OF 18 ANCHOR BOLT ASSEMBLIES WILL BE REQUIRED.
4. ALL REINFORCEMENT BETWEEN LAYERS OF ELASTOMERIC SHALL BE STEEL GRADE 36 NO FABRIC REINFORCEMENT WILL BE PERMITTED.
5. ELASTOMERIC BEARING REINFORCEMENT WITH STEEL SHALL HAVE A 1/8" EDGE SEAL OF ELASTOMERIC INTEGRAL WITH THE BEARING OVER ALL PLATES.
6. ELASTOMERIC MATERIAL SHALL CONFORM TO SUBSECTION 731.03.
7. ALL WORK AND MATERIALS REQUIRED FOR BEARING SHALL BE PAID UNDER ITEM NO. 531.11, "BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD".
8. DESIGN CRITERIA:
   A) TEMPERATURE RANGE: 150 DEGREES F
   B) 60 DUROMETER ELASTOMERIC
   C) MAXIMUM BEARING STRESSES: 0.578 ksi
   D) DESIGN ROTATION 0.0107 RADIANS
   E) BEARING SHAPE FACTOR: 3.0
9. WITH APPROVAL, ALTERNATE CONFIGURATIONS ARE ALLOWED.

PLOTTED 10/22/2009

DuBois & King inc.
engineering planning management development

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of STOWE	Bridge No. 3
Highway No. T.H. 1	Log Sta.
	Surv. Sta.

MOSCOW ROAD OVER MILLER BROOK

BEARING DETAILS

Designed By R.H. BARNES	Drawn By S.J. BIJOLLE
Checked By E.P. DETRICK Date 5/09	Bridge Design Supervisor J.W. TUCKER Date 5/09
PROJECT STOWE	PROJECT NO. BHO 1446 (30)
I.G.C. Info. ...\DGN\z99j244dt9.dgn	
D & K DWG NO.	Sheet 26 of 37