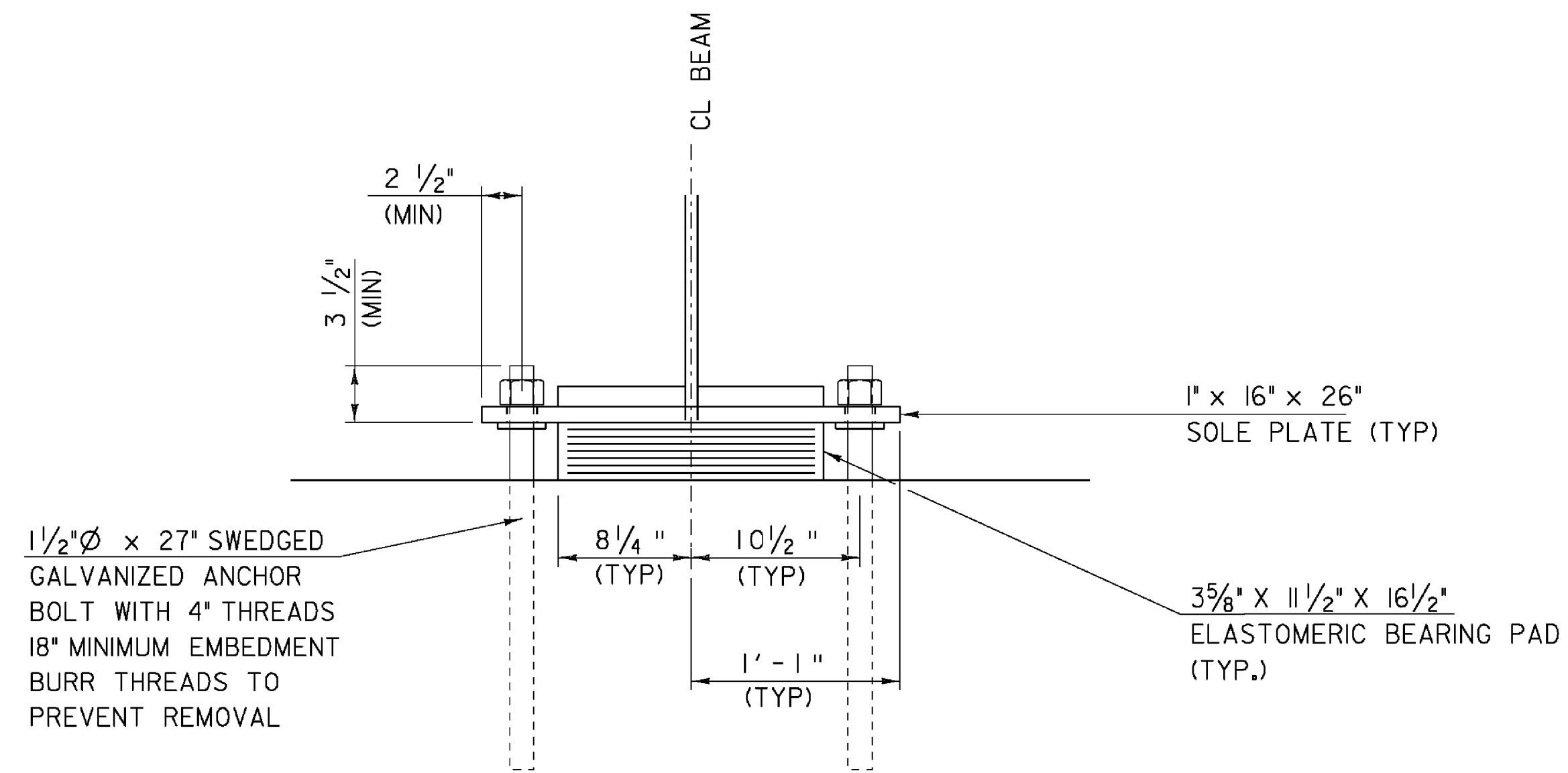
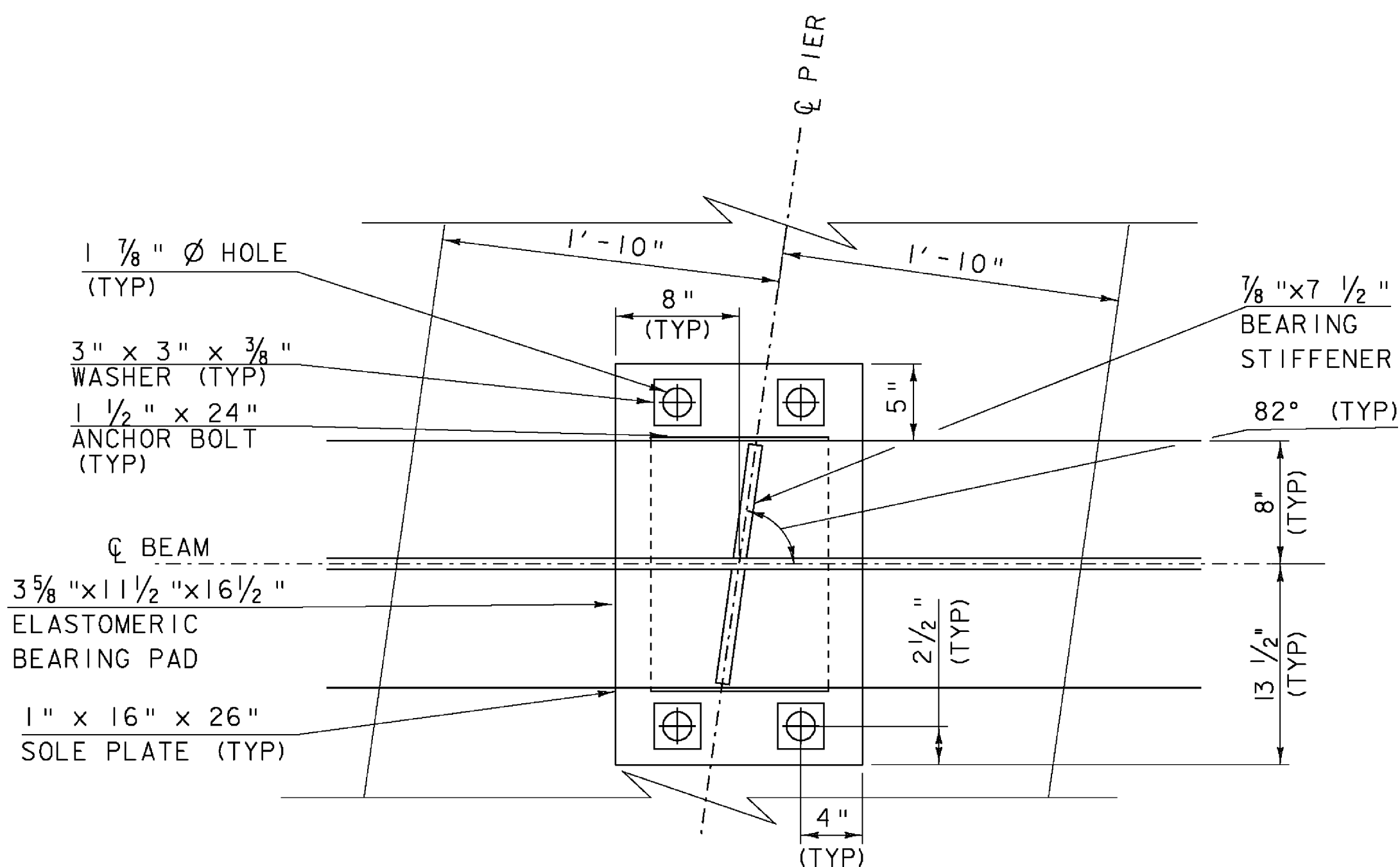


SCALE 1/2" = 1'-0"  
 1 9 6 3 0 1



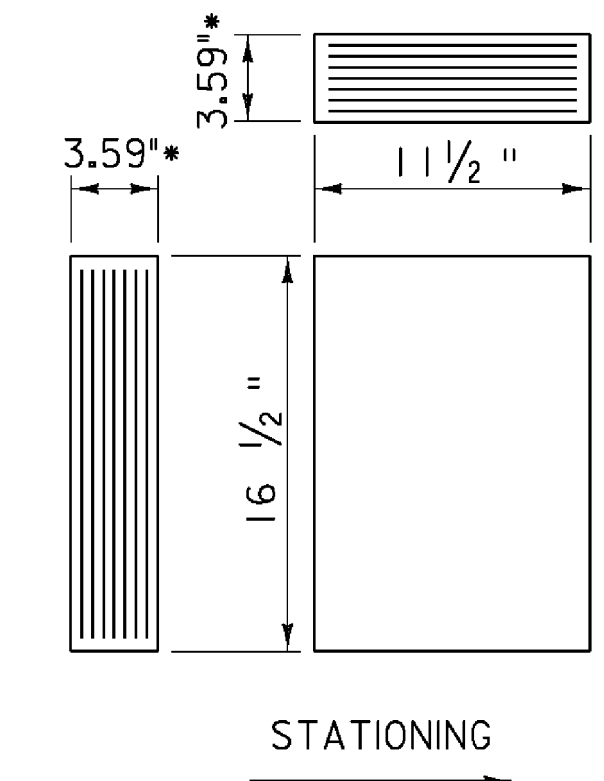
FIXED BEARING PIER SECTION

SCALE 1/2" = 1'-0"  
 1 9 6 3 0 1



FIXED BEARING PIER PLAN VIEW

SCALE 1/2" = 1'-0"  
 1 9 6 3 0 1



ELASTOMERIC BEARING DETAIL

SCALE 1/2" = 1'-0"  
 1 9 6 3 0 1

NOTES

- ALTERNATE CONFIGURATIONS FOR ELASTOMERIC BEARINGS MAY BE SUBMITTED FOR APPROVAL. ANY ALTERNATE BEARING SUBMITTED SHALL BE DESIGNED AND CERTIFIED TO MEET THE LOADS AND CRITERIA SHOWN ON THIS SHEET AND MAINTAIN THE ANCHORAGE SYSTEM SHOWN. THE BEARINGS SHALL BE DESIGNED ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" 2002 EDITION AND ITS LATEST REVISIONS.
- THE BEARING SHAPE FACTOR SHALL BE BETWEEN 5.0 AND 12.0.
- ALL REINFORCEMENT BETWEEN LAYERS OF ELASTOMERIC SHALL BE STEEL GRADE 50. NO FABRIC REINFORCEMENT WILL BE PERMITTED.
- ELASTOMERIC BEARINGS REINFORCED WITH STEEL SHALL HAVE A 1/8" EDGE SEAL OF ELASTOMERIC INTEGRAL WITH THE BEARING OVER ALL PLATES.
- ALL MATERIALS AND FABRICATION SHALL BE PER AASHTO DIVISION II SECTION 18.2 AND AASHTO MATERIAL SPECIFICATION M25I.
- DESIGN CRITERIA:
  - TEMPERATURE RANGE: 80 F
  - 60 DUROMETER ELASTOMERIC
  - DESIGN ROTATION: 0.016 rad
  - REACTION/BEAM:

RDL: 154 kips  
 RLL+: 145 kips

REV.	BY	DATE	DESCRIPTION
3	CAM	5/26/09	CHANGE IN BEARING DESIGN TO ACCOMMODATE NEW PLATE GIRDERS

FIXED BEARING DETAILS

PROJECT NAME: SPRINGFIELD	PLOT DATE: 29-MAY-2009
PROJECT NUMBER: BHF 016-2(14)	DRAWN BY: C. MOONEY
FILE NAME: s06j004sup.dgn	CHECKED BY: D. PETERSON
PROJECT LEADER: R. WHITCOMB	SHEET 33 OF 72
DESIGNED BY: C. CARLSON	
FASCIA BEARING DETAILS	