8000905

8000964

BERGMANN

3410 BRIARFIELD BLVD, STE C, MAUMEE, OH 43537

DESIGNER CHECKER

JAM MJQ

REVIEWER

MTG 07/15/24

115675

P.175 227

89

ROJECT ID

UBSET

37

ESIGN AGENCY

PIER BEAM SEAT

(W/O IMPACT)

THE LOAD PLATES SHALL BE VULCANIZED BONDED TO THE LAMINATED

AASHTO LRFD STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES. THE

SPECIFICATIONS FOR HIGHWAY BRIDGES, DIVISION II, SECTION 18.7.2.6)

4. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL

THAT POINTS UPSTATION. ALL MARKS SHALL BE PERMANENT AND VISIBLE

5. BASIS OF PAYMENT: THE UNIT PRICE BID SHALL INCLUDE ALL MATERIALS,

LAMINATED ELASTOMERIC BEARINGS, STEEL LOAD PLATES, AND SHIMS.

ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE

LABOR, AND INCIDENTALS NECESSARY TO FURNISH AND INSTALL THE

PAYMENT WILL BE MADE AT THE CONTRACT PRICE FOR ITEM 516 -

INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW

LONG-TERM COMPRESSION PROOF LOAD TEST (AASHTO STANDARD

ACCORDING TO CMS ITEMS 513 AND 514.

AFTER THE BEARING IS INSTALLED.

(NEOPRENE), AS PER PLAN.

IS NOT REQUIRED.

ELASTOMERIC PADS DURING THE MOLDING PROCESS. COAT STEEL LOAD PLATES

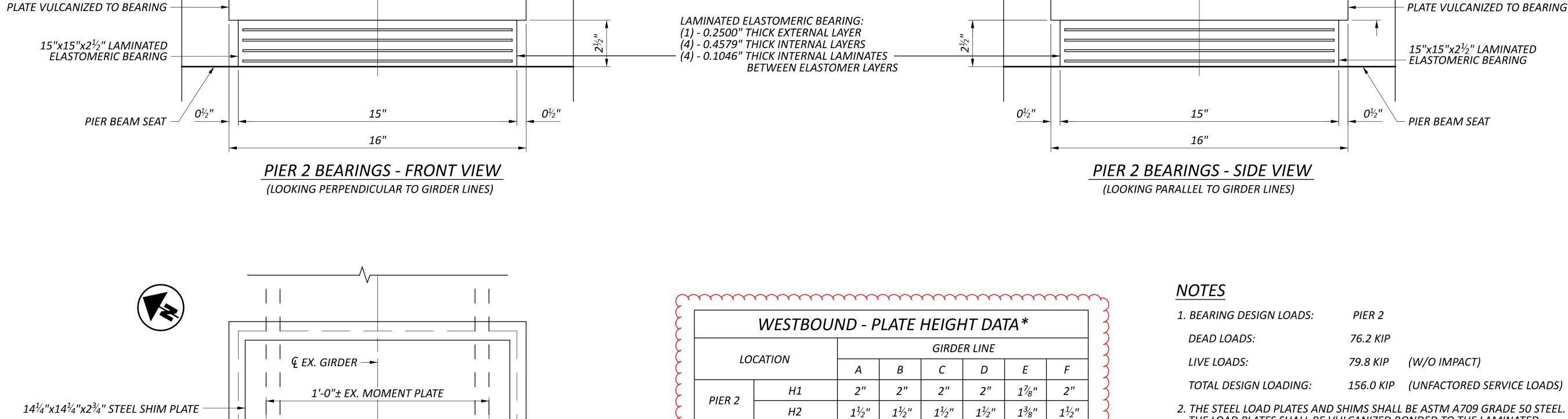
3. THE ELASTOMER SHALL HAVE A HARDNESS OF 50 DUROMETER. THE BEARINGS WERE DESIGNED IN ACCORDANCE WITH SECTION 14.7.6 (METHOD A) OF THE

UPSTATION

1'-21/4"

€ BRG. DEVICE

EX. GIRDER



LOCATION

H2

THE BOTTOM OF GIRDER ELEVATIONS.

PIER 2

EASTBOUND - PLATE HEIGHT DATA*

3%"

27/8"

21/4"

13/4"

* ALL PLATE HEIGHTS SHALL BE VERIFIED BY THE CONTRACTOR

PRIOR TO FABRICATION BASED ON FIELD MEASUREMENTS OF

GIRDER LINE

3%"

3%"

3%"

2½"

Μ

13/4"

11/4"

1'-21/4'

1'-0"± EX. MOMENT PLATE

10½"± EX. GIRDER FLANGE

PIER 2 BEARINGS - PLAN VIEW

03°27'12" SKEW

 \dashv $\not\in$ BRG. DEVICE

€ EX. GIRDER

 $14\frac{1}{4}$ "x $14\frac{1}{4}$ "x $2\frac{3}{4}$ " STEEL SHIM PLATE

 $15"x15"x2\frac{1}{2}"$ LAMINATED

1)(1

-(9)

 ∞

3

Z

ELASTOMERIC BEARING

16"x16"xH" BEVELED

STEEL LOAD PLATE ---

16"x16"xH" BEVELED STEEL LOAD