TranSystems

Field Notes

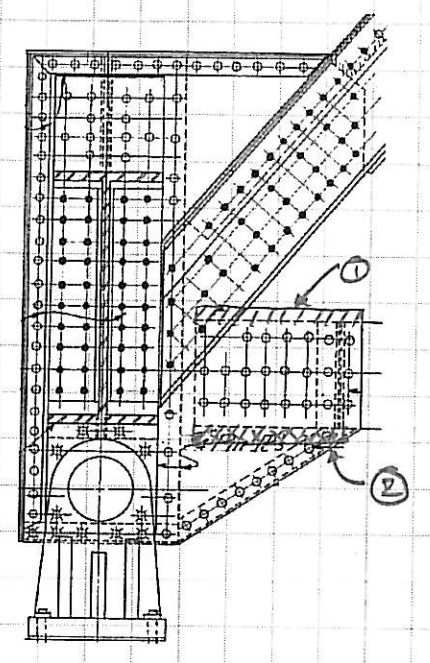
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/07 SHEET

CREW BKC

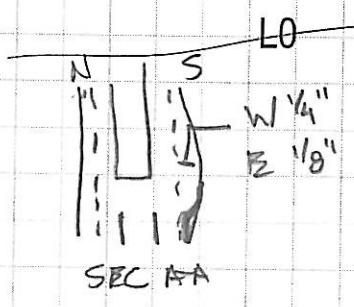
Span: (1) 2 3 4

North Truss (South Truss)

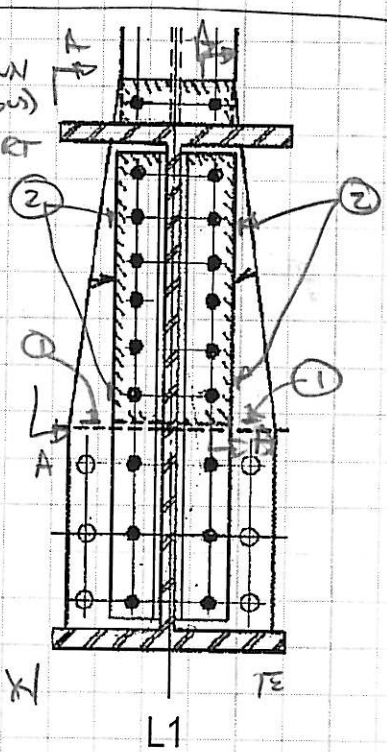


① 1/16" PITTING 1" HIGH FL L.C. INT. N. GUS
② 1/8" PITTING 1" HIGH FL LC. INT. N. GUS

9/16" GUSS



① 1" LONG TACK WELDS BTWN GUSS PL/ L.C. (1 EACH GUS)
② 1" T. WELDS FILL/VERT



1/2" GUSS PL CALIPERS

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

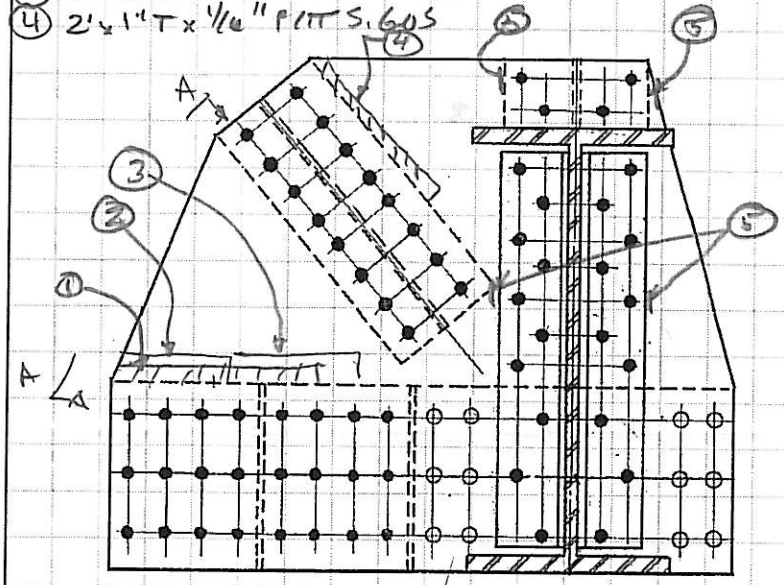
DATE 10/10/08 SHEET

CREW BAK

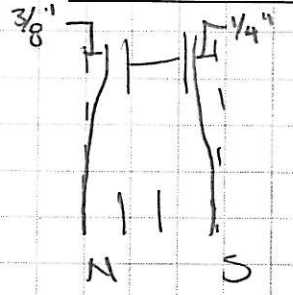
① 18"L x 1"T x 1/16" PITT INT S. GUS
② 12"L x 1"T x 1/16" PITT. N. GUS
③ 12"L x 2"T x 1/8" PITT N. GUS
④ 2"L x 1"T x 1/16" PITT S. GUS
⑤ T. WELDS FILL/VRFY

Span: (1) 2 3 4

North Truss (South Truss)



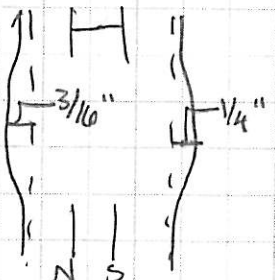
L2



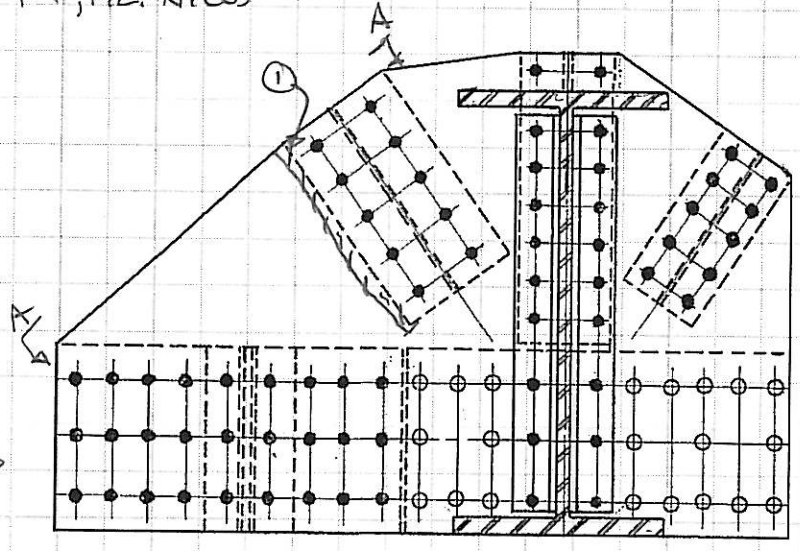
SEC A-A

GUS @ 1/2" CALIPERS

① 1/16" PITTING 1"T, FIL. N. GUS



SEC A-A



1/2" GUS @ CALIPERS

L3

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

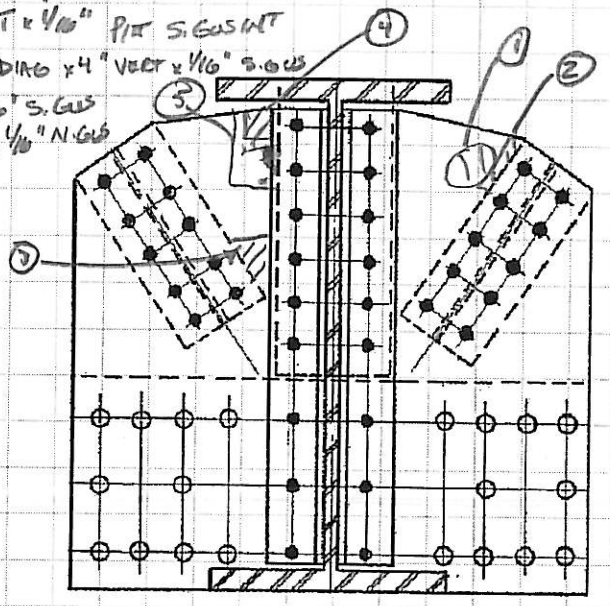
DATE 10/10/08 SHEET

CREW BKC

(1) 6"ϕ 1/16" PIT N. GUS INT
(2) 6"L x 1"T x 1/16" PIT S. GUS INT
(3) 6" ALONG DIAG x 4" VERT x 1/16" S. GUS
(4) 3" x 3" x 1/16" S. GUS
(5) 8"T x 4"W x 1/16" N. GUS

Span: (1) 2 3 4

North Truss (South Truss)



E

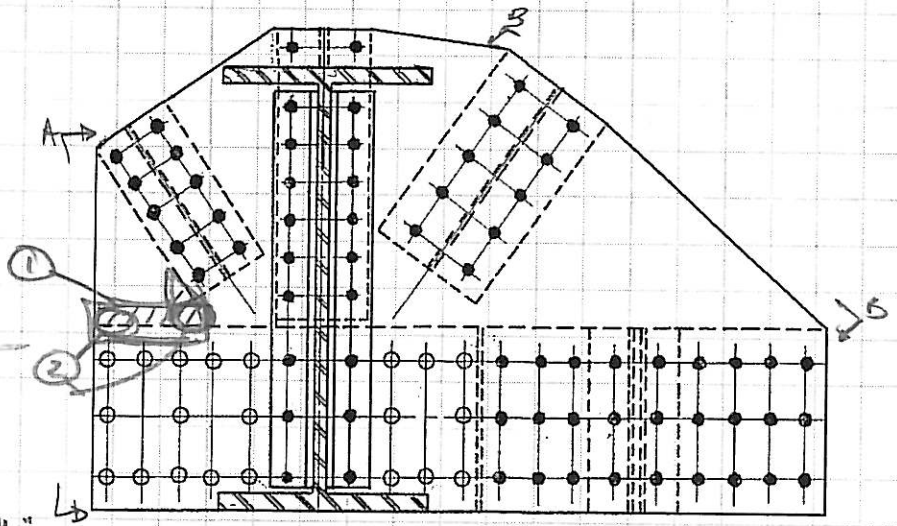
L4

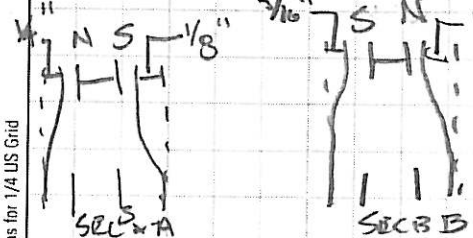
W

1/2" GUS R (CALIPERS)

(1) N. GUS. 1/8" PIT 10"L (6"x1", 4"x4")
(2) S. GUS 2" ϕ 1/8" PITTING

1/2" GUS R (CALIPERS)





L5

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/03 SHEET

CREW BSC

① 1/8" Loss 1"T Approx 6"L S. Gus

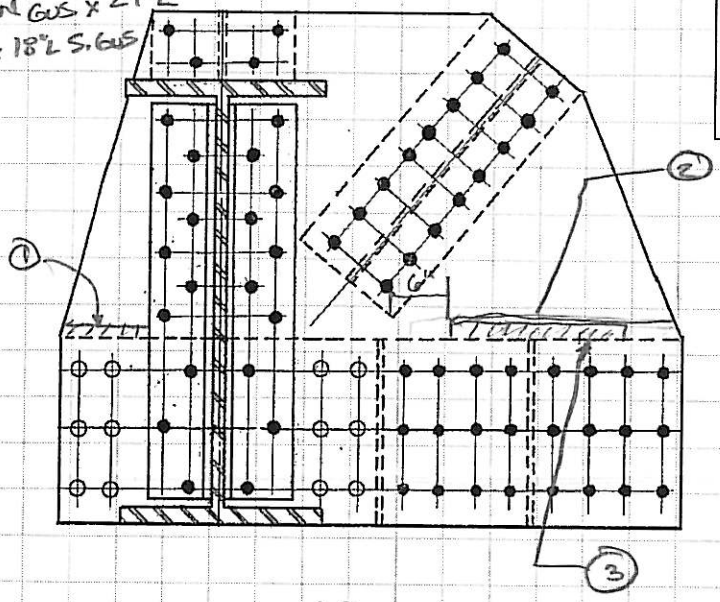
② 1/8" 1"T x Gus x 24"L

③ 1/8" x 1"T x 18"L S. Gus

1/2" Gus PL (Calipers)

Span: ① 2 3 4

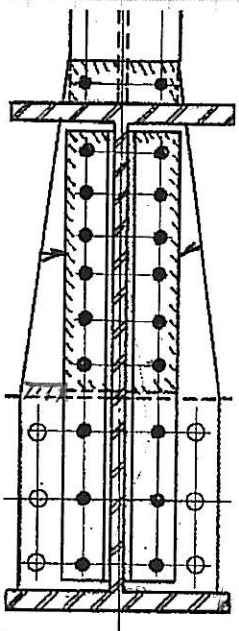
North Truss South Truss



W L6 E

① 13" x 1"T 1/16" Loss

1/2" Gus PL (Calipers



W L7 E

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

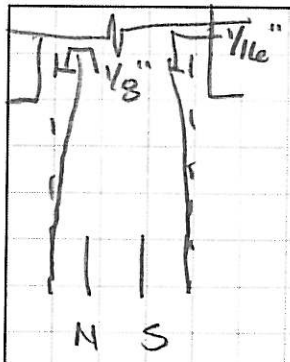
TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/08 SHEET

CREW BJK



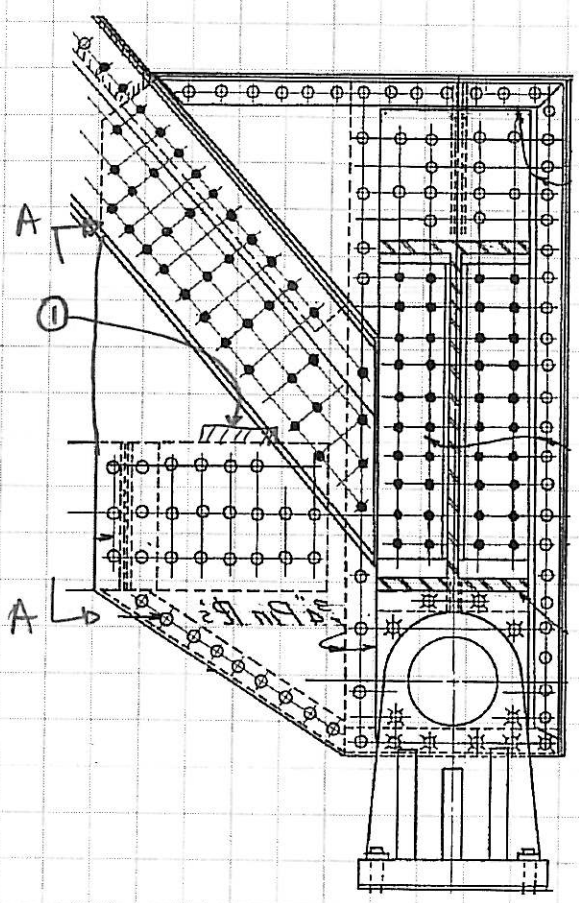
① 1/16" x 1"T x 12"L N. GUS

Span: (1) 2 3 4

North Truss (South Truss)

9/16" GUSP

SIGNS OF PIN NUT ROTATION



L8

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010
DATE 10/10/08
CREW REJ/KMW BRC

BRIDGE NO HAM-50-3.76
SHEET

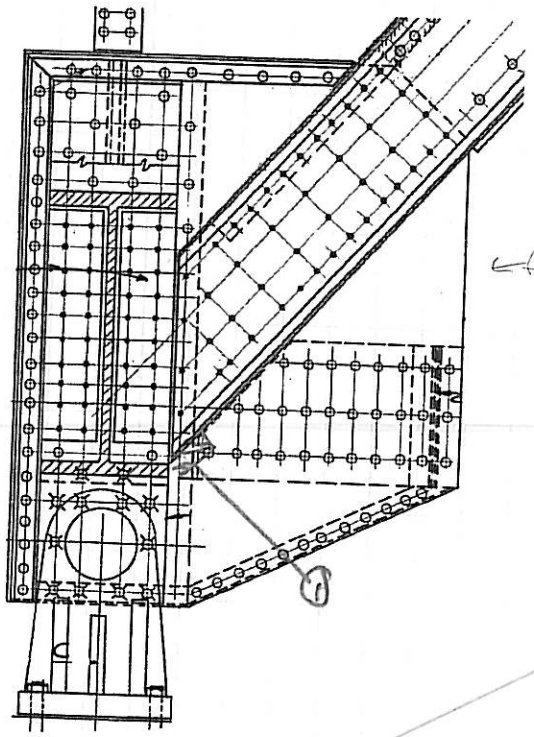
① 1/8" x 6" L x 2" T PLATING N. GUS, 1/16" x 6" L x 2" T S. GUS

Span: 1 (2) 3 4

North Truss (South Truss)

10/9/08
REJ/KMW

3/4" GUS PL (CALIPERS

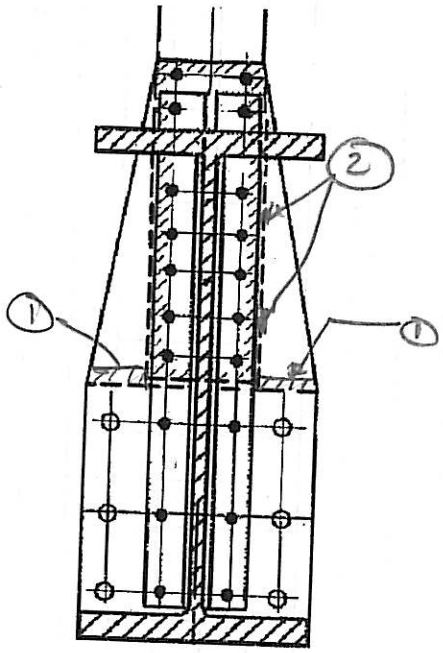


← flat

L0

① 1/8" LDs 4" L x 1" T NGS GUS
② TACK WELDS TOFC

1/2" GUS PL (CALIPERS)



E L1 W

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/08 SHEET

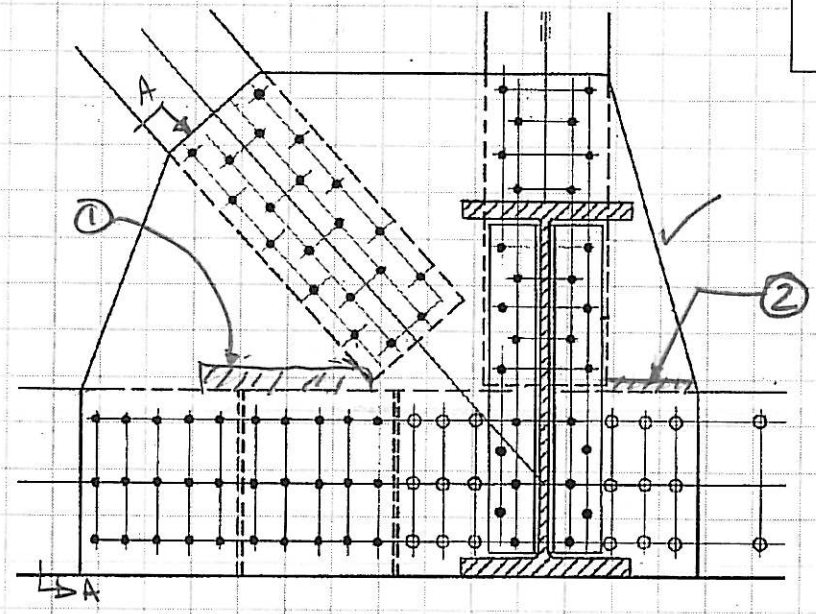
CREW BKC

① N. GUS PL 1/8" PLT x 18" x 3"
② S. GUS PL 1/8" PLT x 1" T

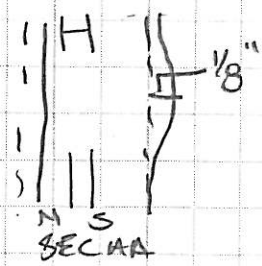
Span: 1 (2) 3 4

North Truss (South Truss)

1/2" BOLTS PL (CALIPERS)

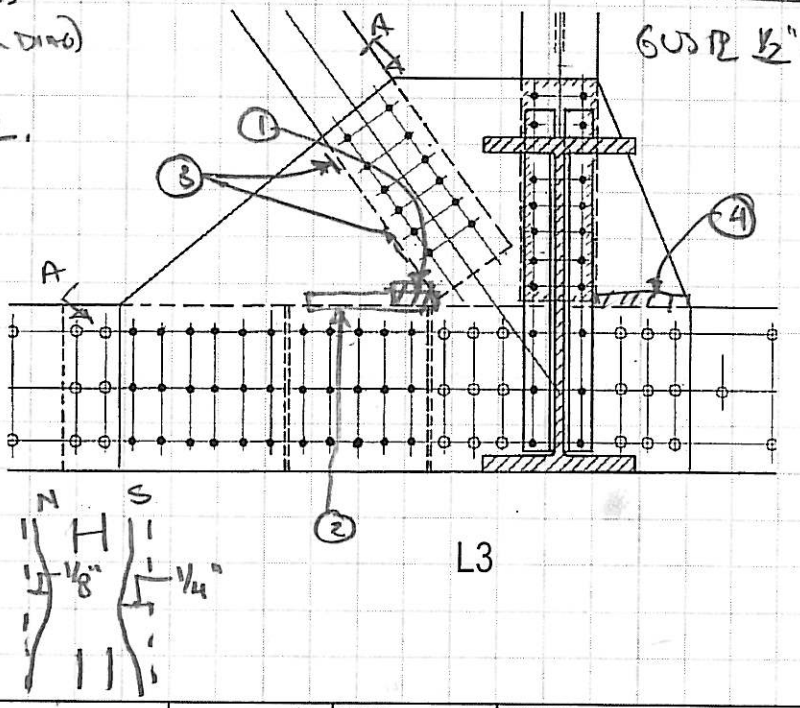


L2



SECAA

① N. GUS PL 4x4 x 1/8" (AT DIAG)
② S.G CO PL 12"L x 1"T x 1/16" (FROM DIAG)
③ TACK WELDS TO FILL PL
④ 1/8" L S. GUS, 1/16" N. GUS 1"T, FIL.



GUS PL 1/2" CALIPERS

L3

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/08 SHEET

CREW BKC

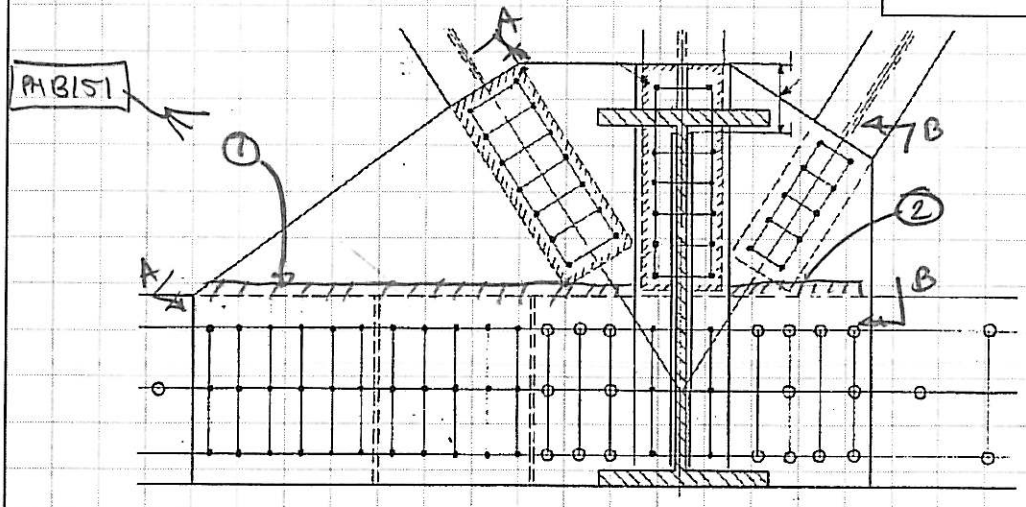
① N. GUS 2"T x F.L. x 1/16" PITT
S. GUS 1"T x F.L. x 1/8" PITT.

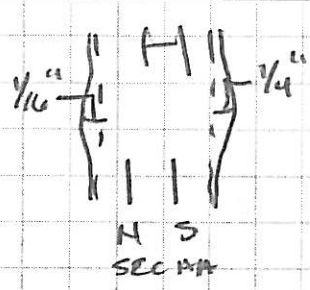
② N/S GUS 1/16" PIT 1"T F.L.

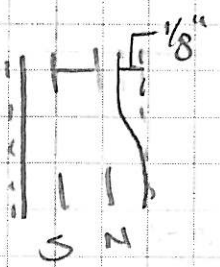
GUS @ 1/2" CALIPERS

Span: 1 (2) 3 4

North Truss (South Truss)



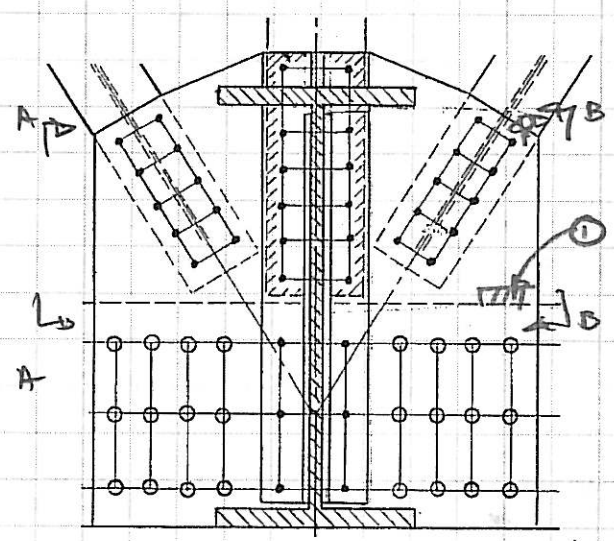


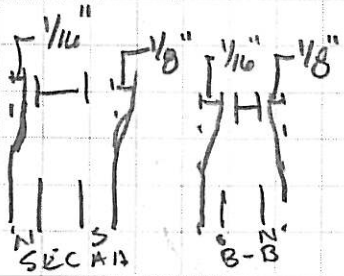


W L4 E

① 1/8" x 6" L x 1" T N-GUS

1/2" GUS @ CALIPERS





W L5 E

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

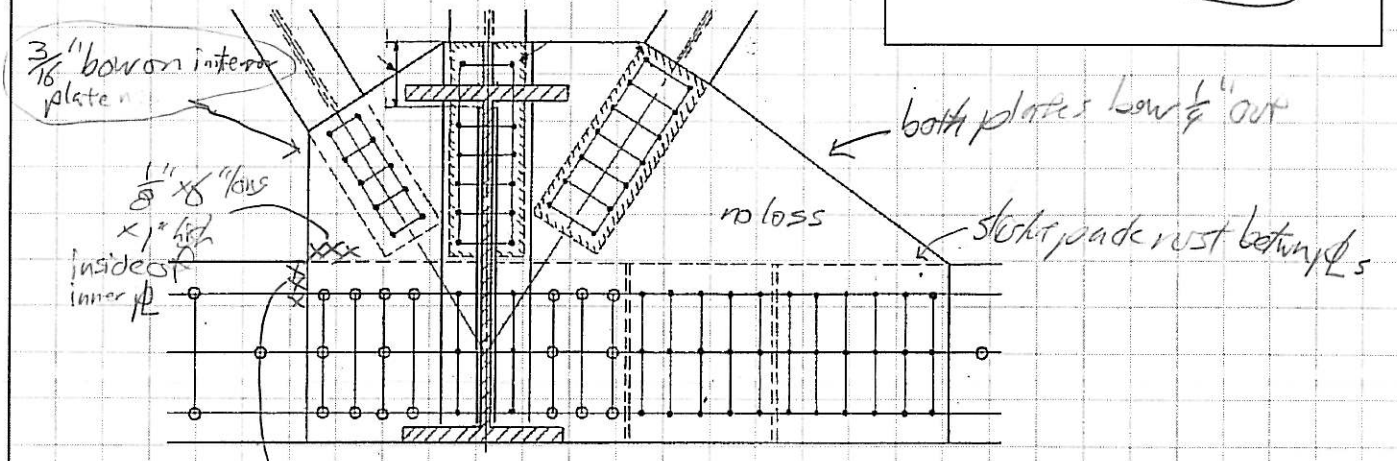
CREW PEJ - KMW

traffic flow

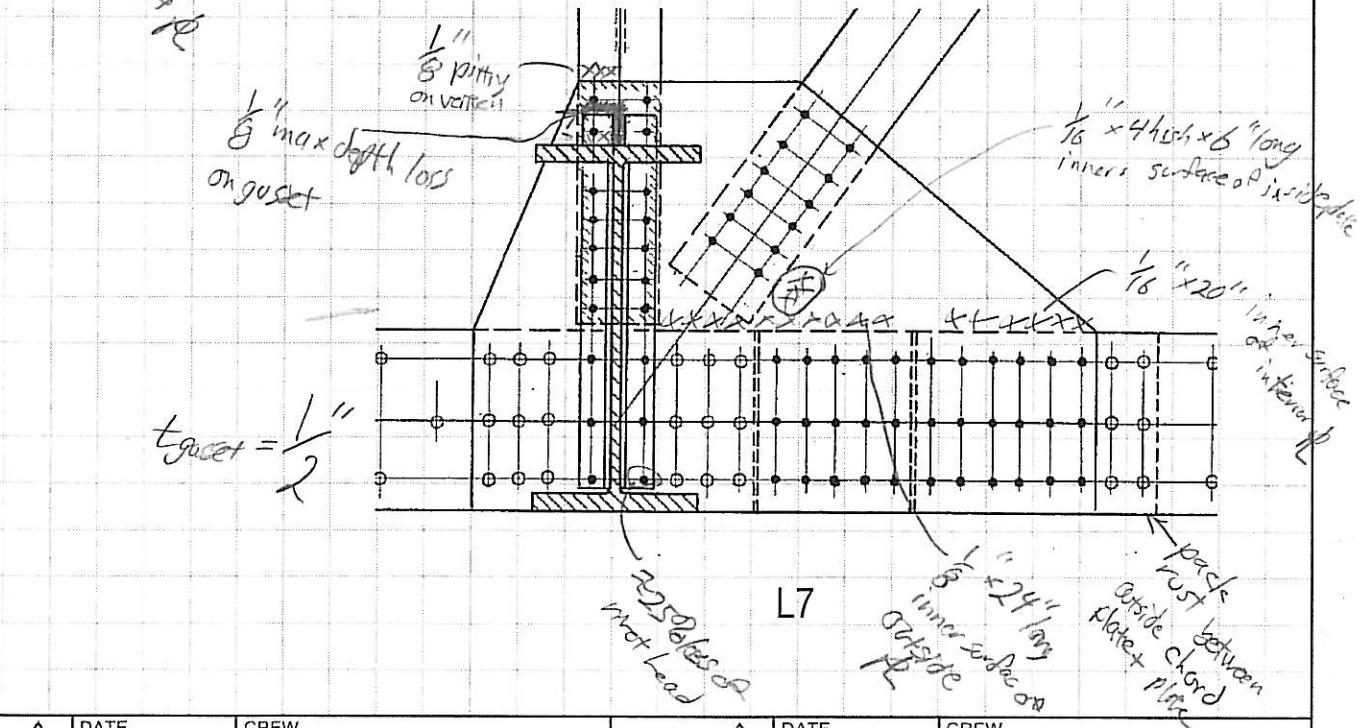
$t_{gusset} = \frac{1}{2}$"

Span: 1 (2) 3 4

North Truss (South Truss)



L6



L7

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Field Notes

TranSystems

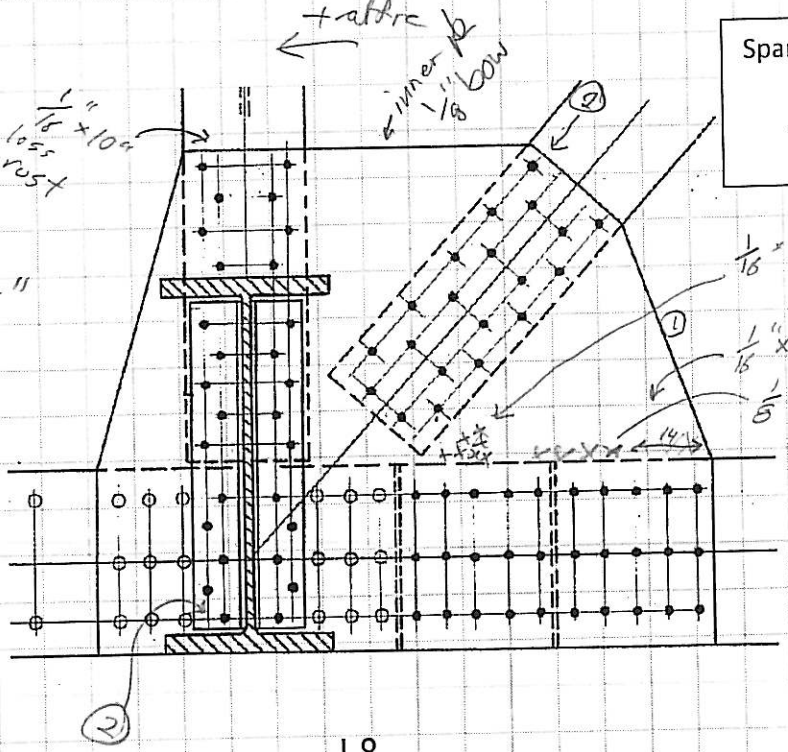
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

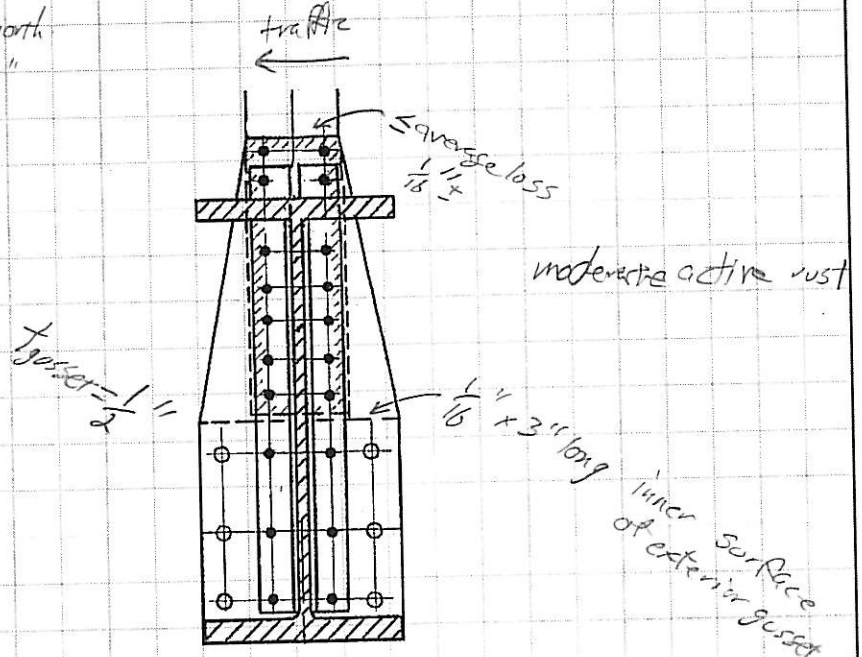
CREW PEJ - KAW

Span: 1 (2) 3 4

North Truss (South Truss)



L8



L9

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-8-08 SHEET

CREW PEJ KMW

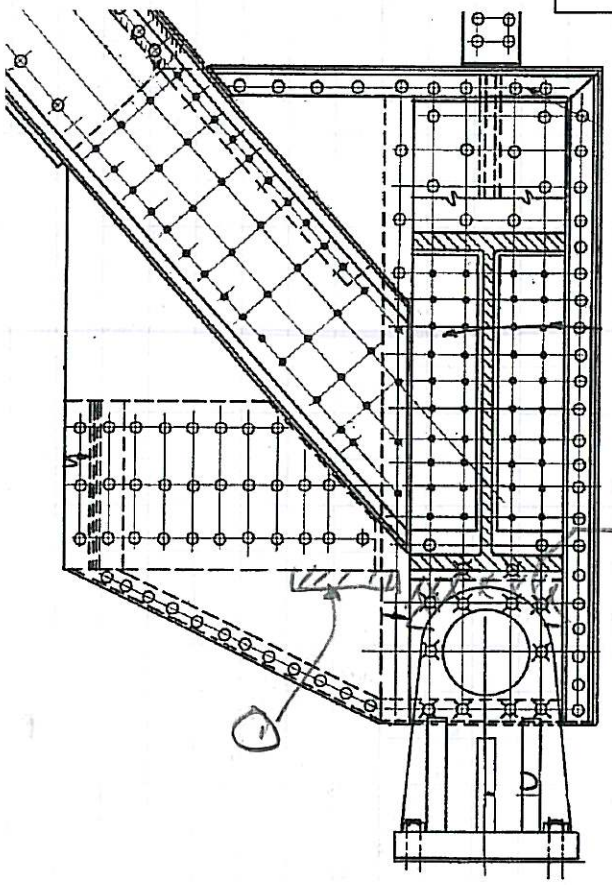
① 1/8" PLT x 12" L x 1" T NGS GUS

② N. PIN PL EXT 1/16" FITTING BTWN FB/PIN

Span: 1 (2) 3 4

North Truss (South Truss)

GUS PL 11/16 CALIPERS



- EVIDENCE OF NUT ROTATION
- ROCKER MEAS @ 90° VERTICAL

L10

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

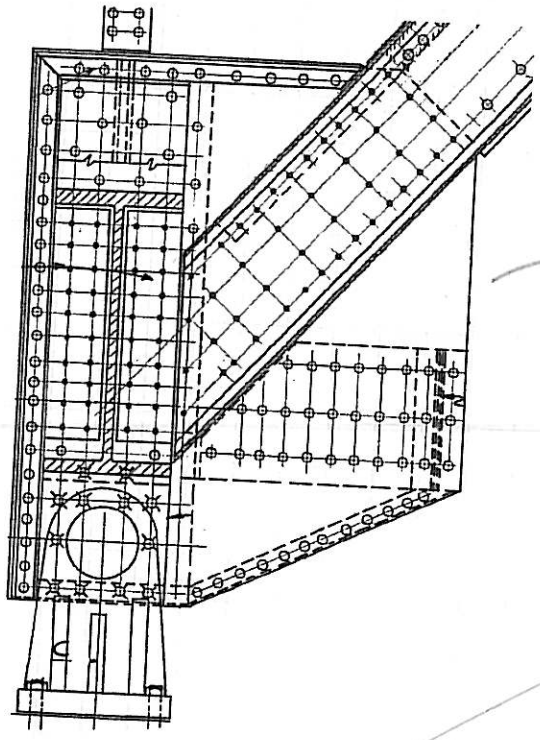
Field Notes

PROJECT NO P410070010
DATE 10-8-08
CREW PEJ KMW

BRIDGE NO HAM-50-3.76
SHEET

Span: 1 2 (3) 4

North Truss (South Truss)

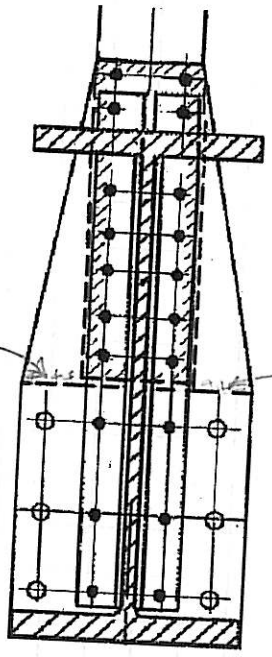


ZERO THREAD COUNT ON INT. FACE

L0

PEJ/KMW
10-0-08

PEJ/KMW



L1

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

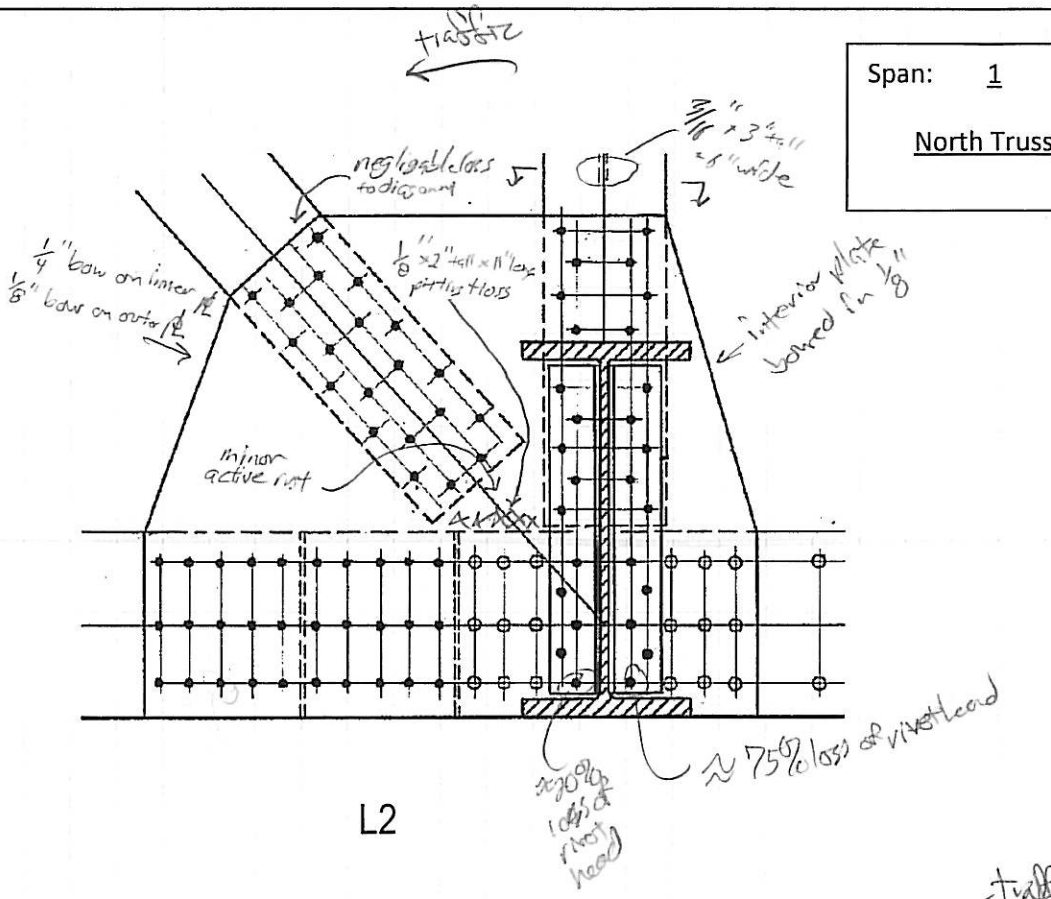
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-11-08 SHEET

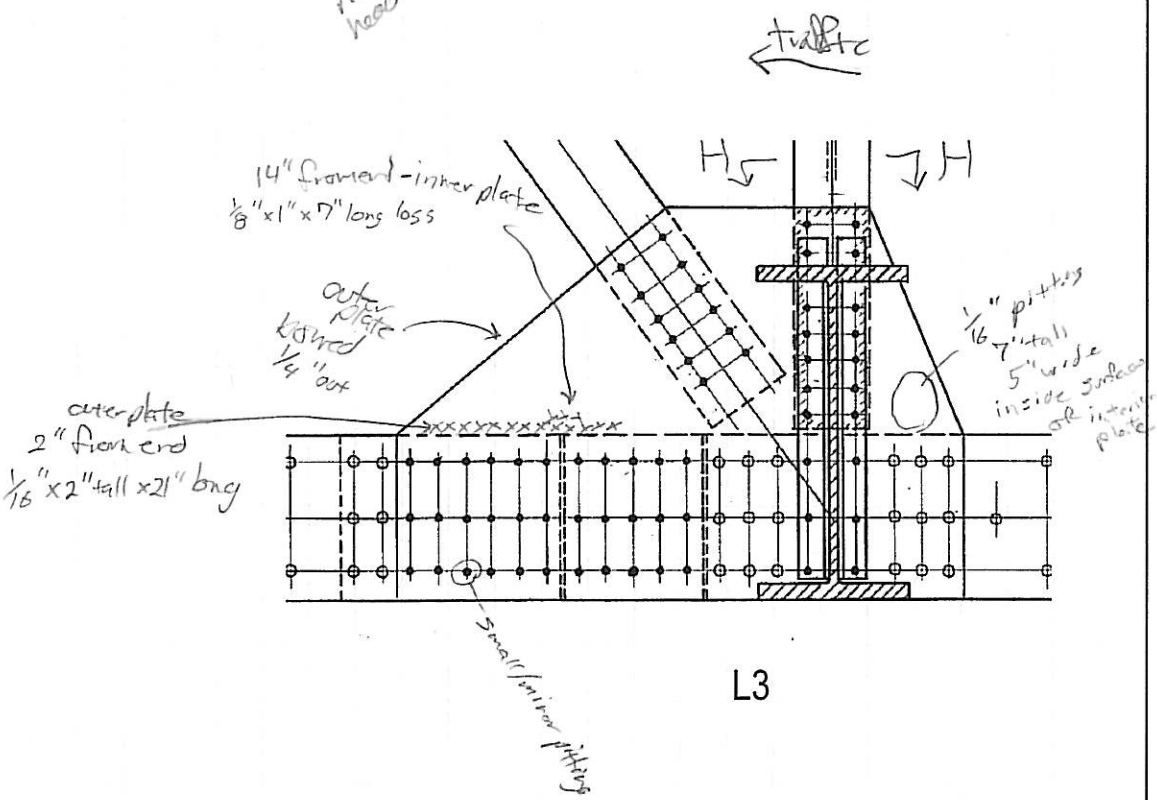
CREW PEJ-KMW

Span: 1 2 3 4

North Truss South Truss



L2



L3

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

CREW PEJ - KMW

Span: 1 2 3 4

North Truss South Truss

ph A96 traffic

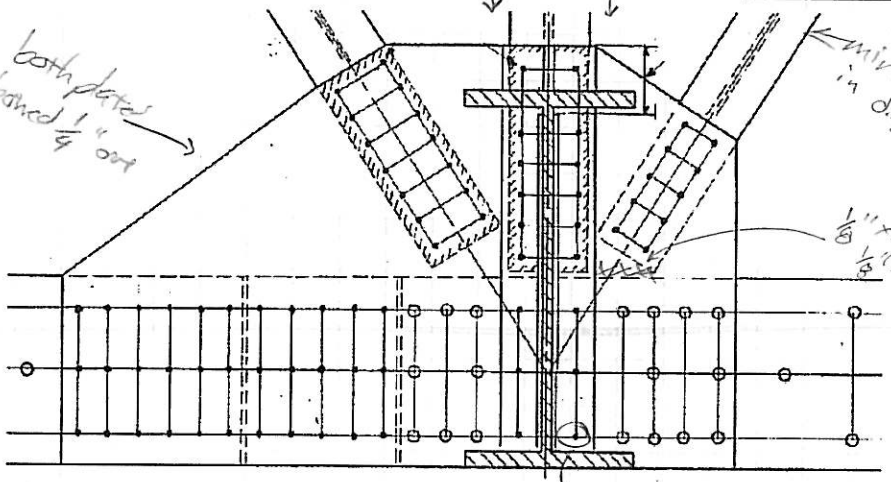
G G

both plates bowed 1/4" out

minor pitting in diagonal

1/8" x 6" on inside of inner plate
1/8" x 8" on inside of outer plate

some pack rust and active rust

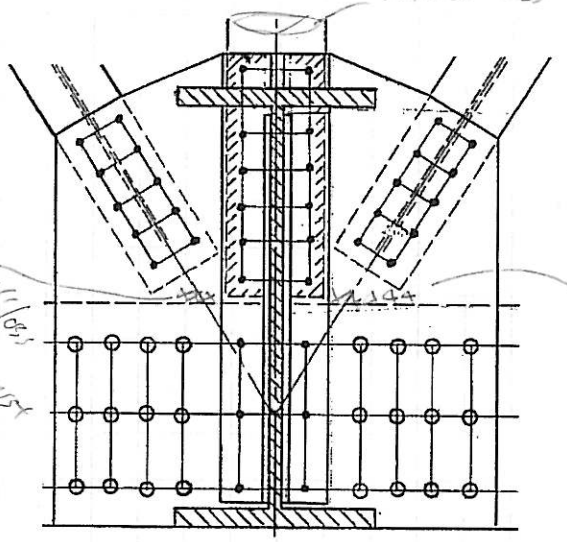


L4

~75% loss of rivet head
~75% loss of angle cover adjacent to rivet

Traffic

minor loss



1/8" x 4" x 16" w/ active rust

1/8" x 6" both plates inner faces

L5

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

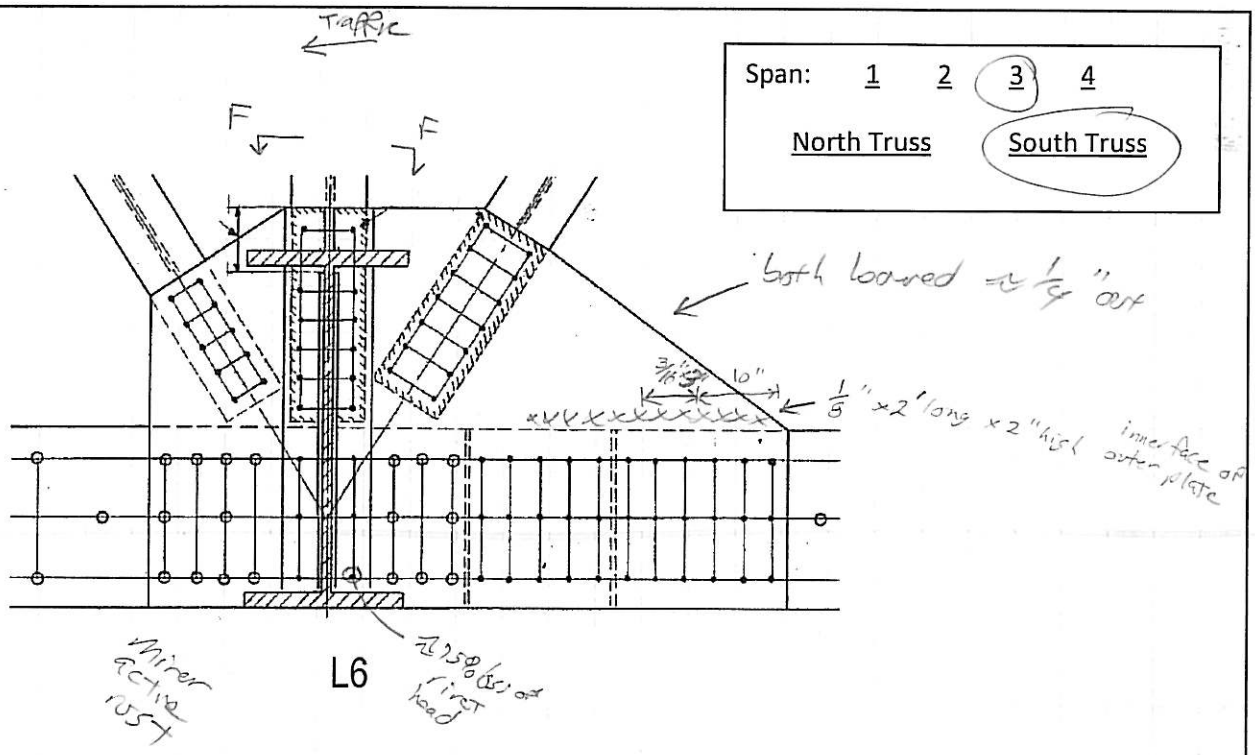
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

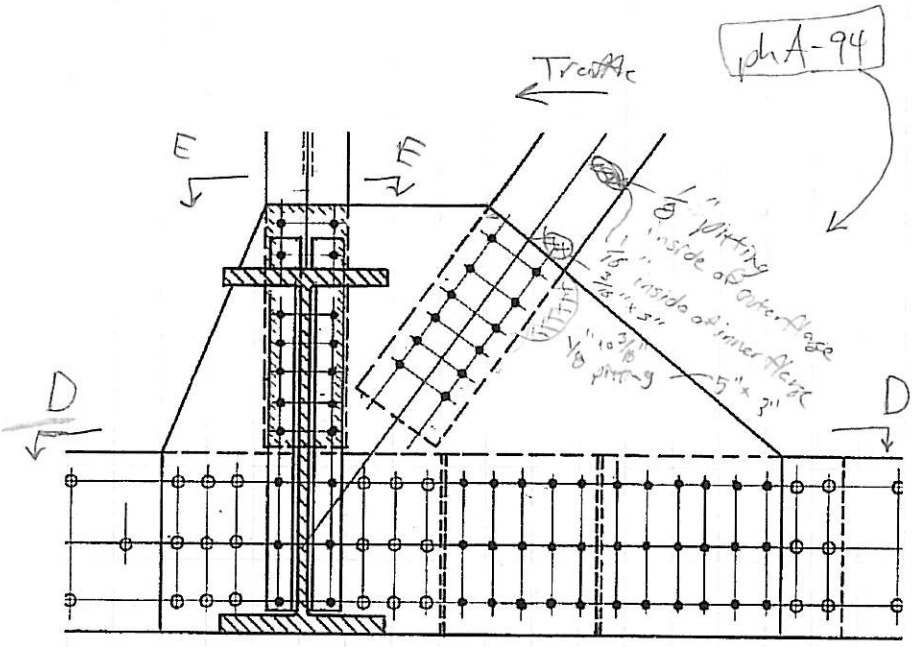
CREW PEJ KMW

Span: 1 2 3 4

North Truss South Truss



L6



L7

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

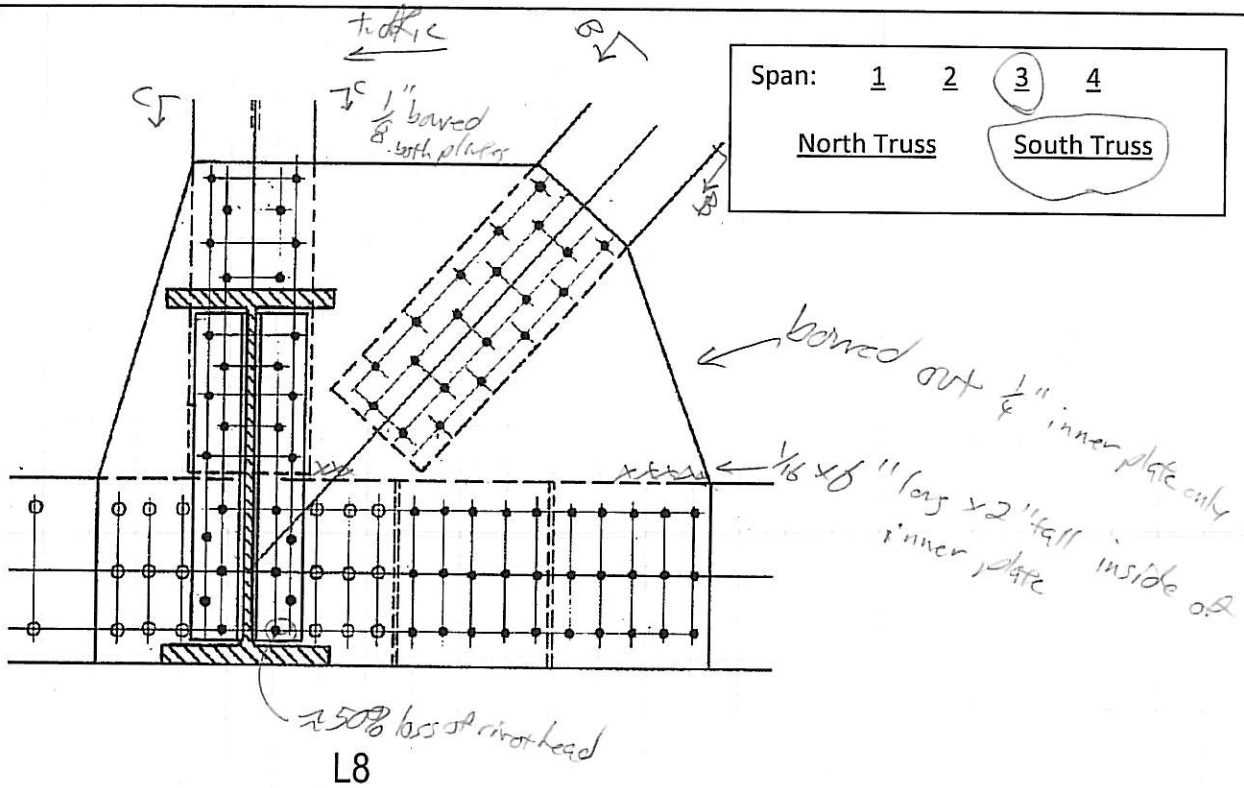
TranSystems

Field Notes

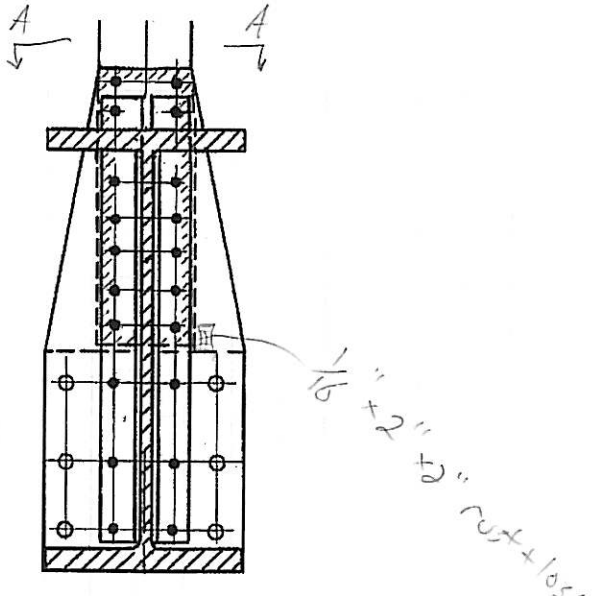
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

CREW PEJ-KMW



L8



L9

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

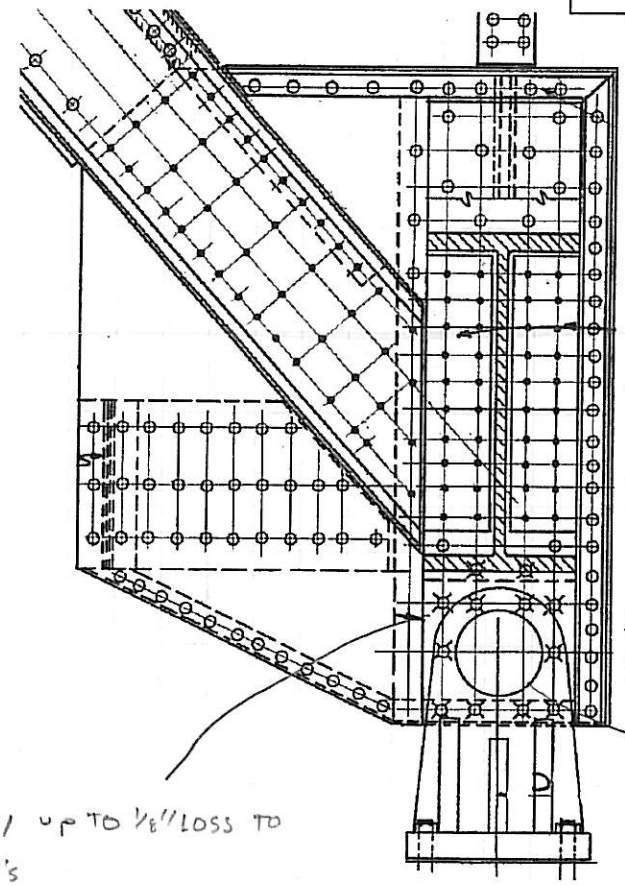
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE SHEET

CREW

Span: 1 2 3 4

North Truss South Truss



- SIGN OF PIN ROT. S. SIDE
- SE ANCHOR NUT COMPLETELY BACKED OFF PHB113
- NE " " BACKED OFF ~ 1"
- @ 60°, EXP BRG IS LEVEL AND FLUSH W/ KEY IN CONTRACTION
- MINIMAL PITTING
- PNT COMPLETELY FAILED ON FIN, MINOR SURF RUST W/ NEG. LOSS
- INT PIN R W/ UP TO 1/8" LOSS TO ALL EXP. SURF'S
- EVIDENCE OF PIN ROTATION PHB112

L10

N. ELEV: PHB114

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

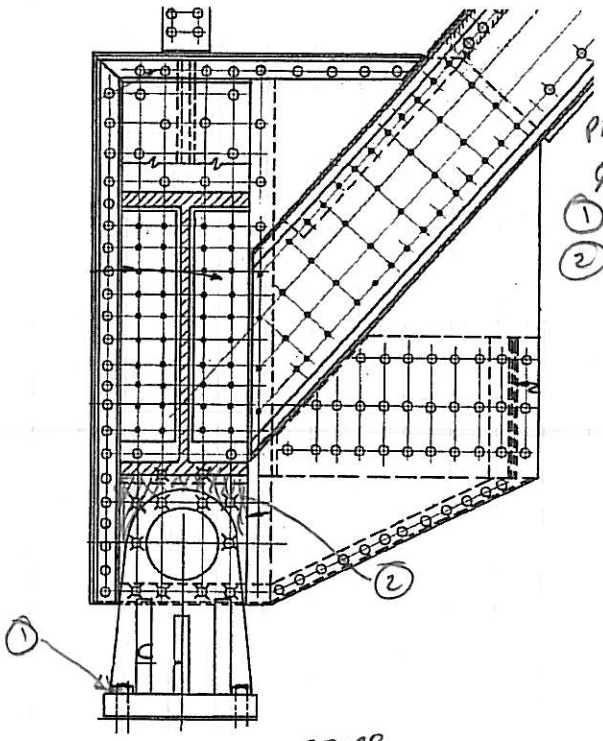
Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76
DATE 10/10/23 SHEET
CREW BKL

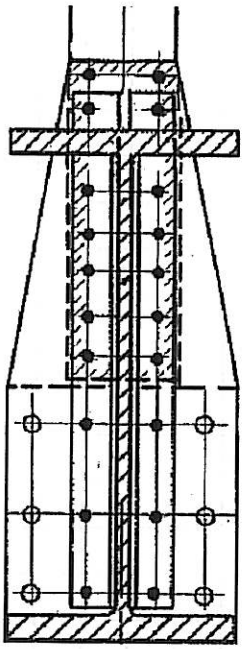
Span: 1 2 3 (4)

North Truss (South Truss)

PIN NUT SHOWS SLIGHT SIGNS OF ROTATION
Ø THREAD COUNT BOTH SIDES OF PIN
(1) SE & NE NUT BACKED OFF ~1/16"
(2) N. PIN R (EXT) EXHIBITS PINING 1/16"



L0 – OTHER MISLABELED SHOULD BE L8



L1

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

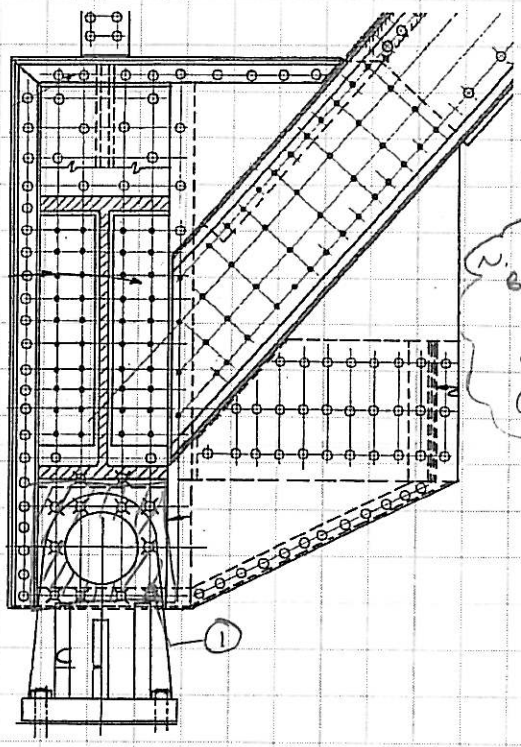
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/8/08 SHEET

CREW BKC

Span: 1 2 3 4

North Truss South Truss



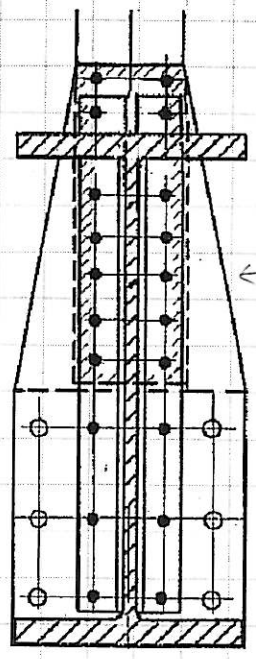
① INTL PIN R 1/8" PITTING W. GOS R

N. ELEV. = PHB 111 ↳ S. TRUSS LS NOTES
BRG

② INDICATION OF PIN ROTATION ON N. SIDE

③ ZERO THREAD COUNT ↳

TRAFFIC



PET KMH 10-10-08

¼ bar outer R

negligible loss

L1

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

Field Notes

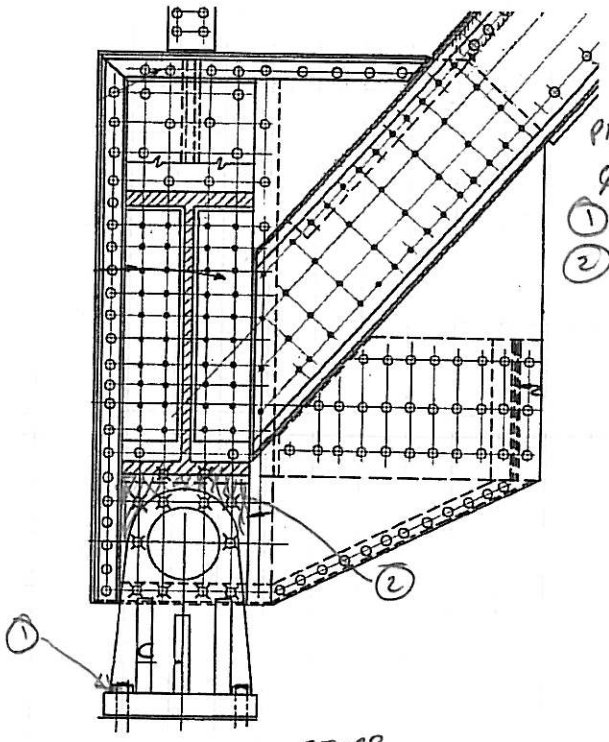
PROJECT NO P410070010
DATE 10/10/23
CREW BKL

BRIDGE NO HAM-50-3.76
SHEET

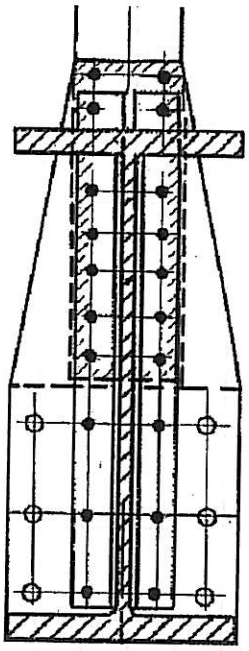
Span: 1 2 3 (4)

North Truss (South Truss)

PIN NUT SHOWS SLIGHT SIGNS OF ROTATION
Ø THREAD COUNT BOTH SIDES OF PIN
① SE NE NUT BACKED OFF ~1/16"
② N. PIN @ (EXT) EXHIBITS PITTING 1/16"



L0 – OTHER MISLABELED SHOULD BE L8



L1

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems®

Field Notes

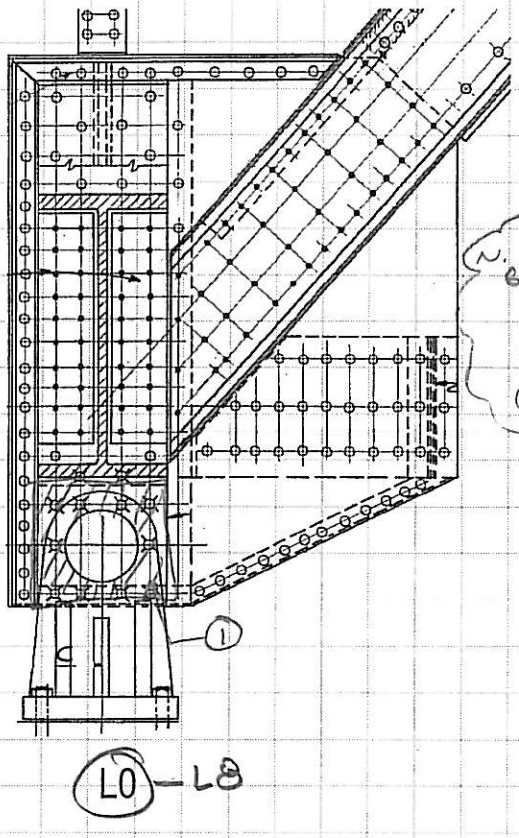
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/8/08 SHEET

CREW BSC

Span: 1 2 3 4

North Truss South Truss

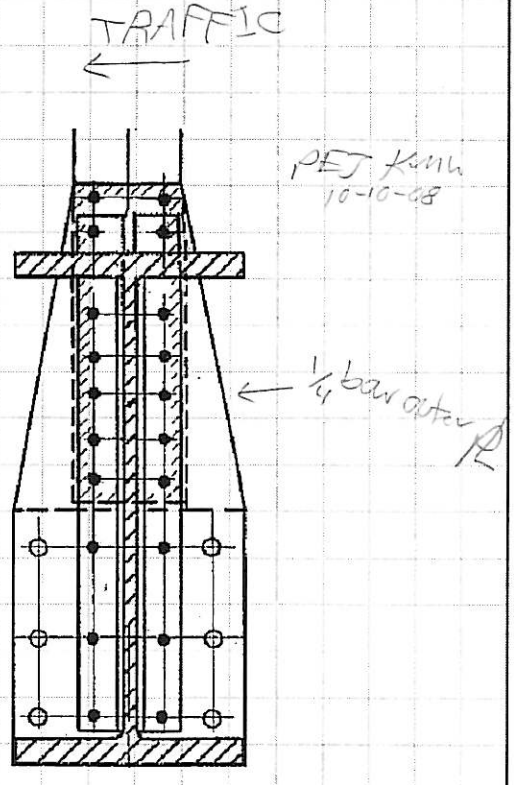


① INT. PIN & 1/8" PITTING W. GUS R

N. ELEV. = PHB 111 ↳ S. TRUSS LB NOTES
BRG.

② INDICATION OF PIN ROTATION ON N. SIDE

③ ZERO THREAD COUNT ↳



Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/23 SHEET

CREW BKL

Span: 1 2 3 (4)

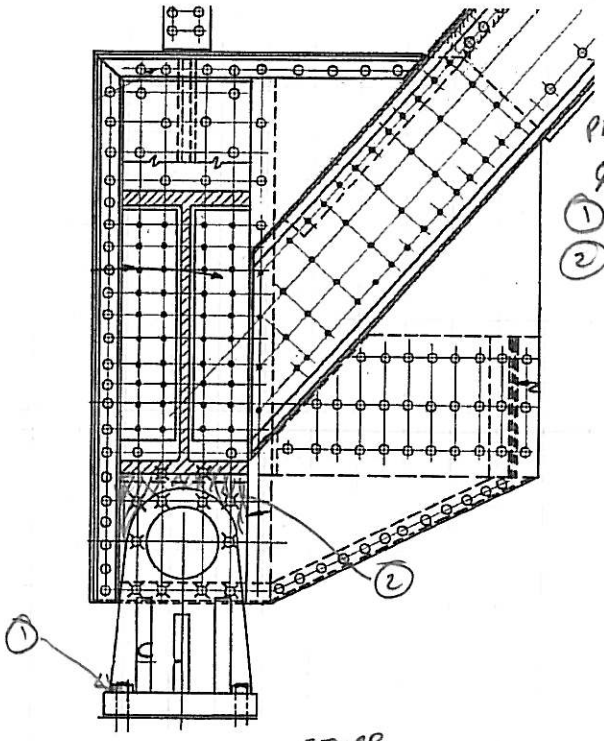
North Truss (South Truss)

PIN NUT SHOWS SLIGHT SIGNS OF ROTATION

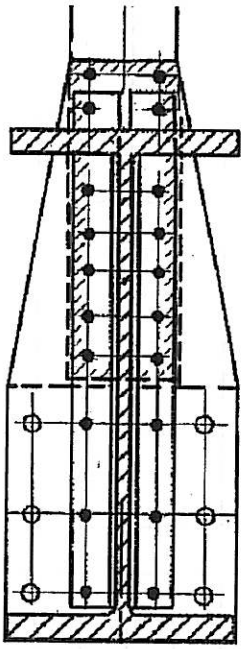
Ø THREAD COUNT BOTH SIDES OF PIN

(1) SE & NE NUT BACKED OFF ~1/16"

(2) N. PIN @ (EXT) EXHIBITS PITTING 1/16"



L0 – OTHER MISLABELED SHOULD BE L8



L1

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems®

Field Notes

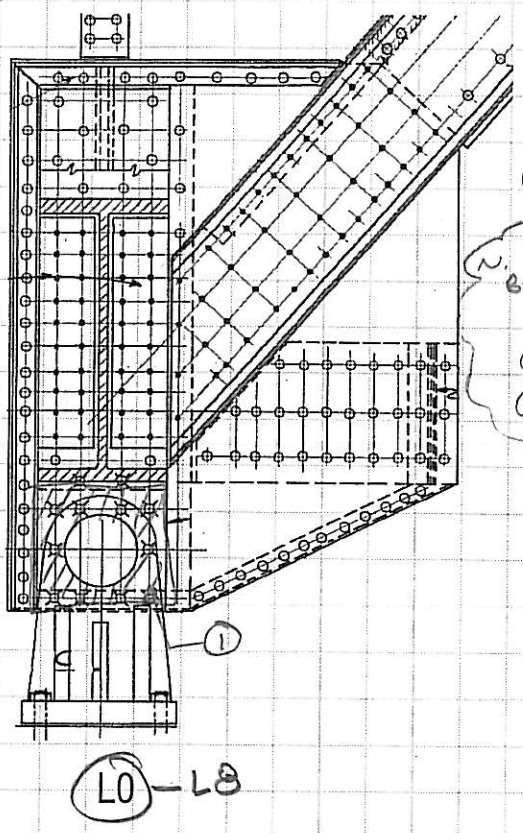
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/8/08 SHEET

CREW BSC

Span: 1 2 3 4

North Truss South Truss

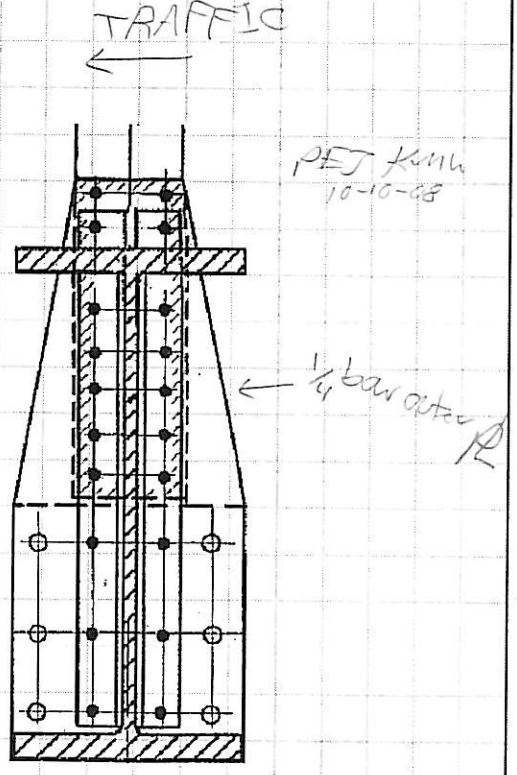


① INT. PIN R 1/8" PITTING W. GUS R

N. BRG ELEV. = PHB 111 → S. TRUSS L8 NOTES

② INDICATION OF PIN ROTATION ON N. SIDE

③ ZERO THREAD COUNT →



Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

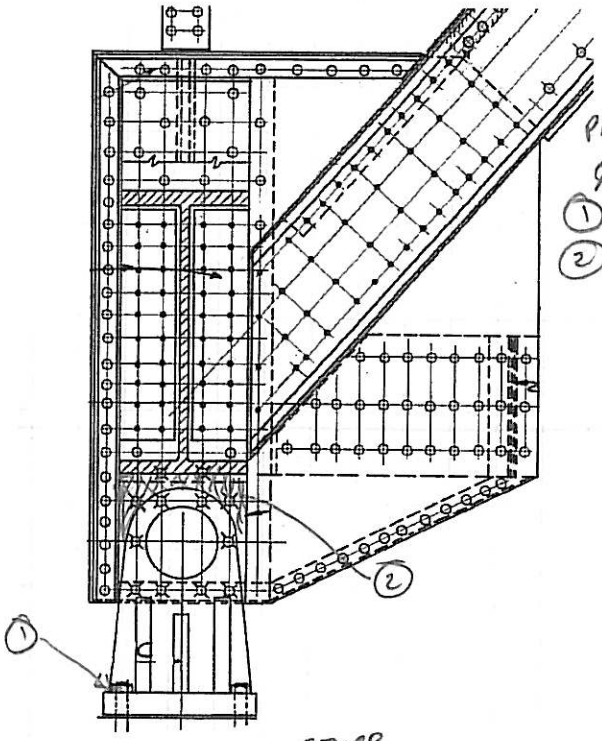
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/10/23 SHEET

CREW BKL

Span: 1 2 3 4

North Truss South Truss



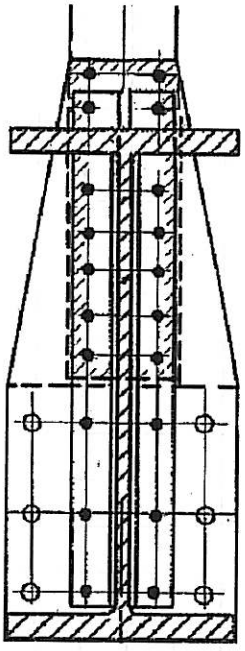
PIN NUT SHOWS SLIGHT SIGNS OF ROTATION

Ø THREAD COUNT BOTH SIDES OF PIN

(1) SE & NE NUT BACKED OFF ~1/16"

(2) N. PIN R (EXT) EXHIBITS PITCHING 1/16"

L0 – OTHER MISLABELED SHOULD BE L8



L1

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

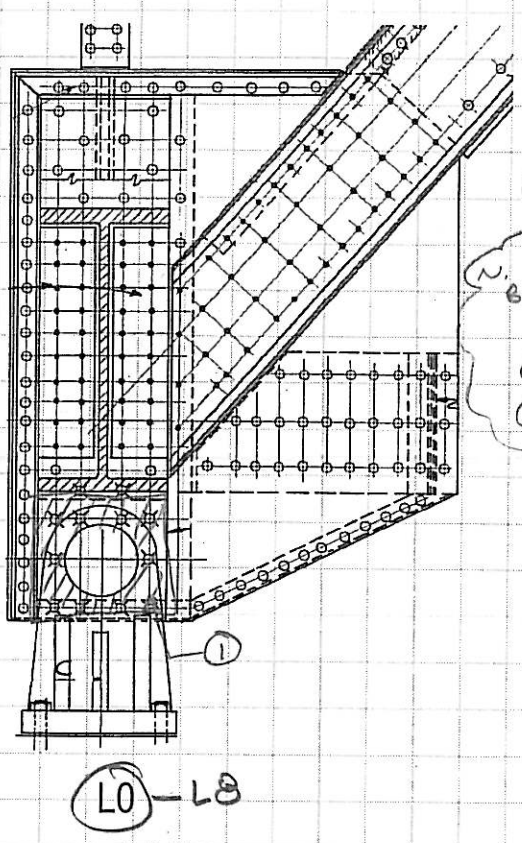
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10/8/08 SHEET

CREW BKC

Span: 1 2 3 4

North Truss South Truss



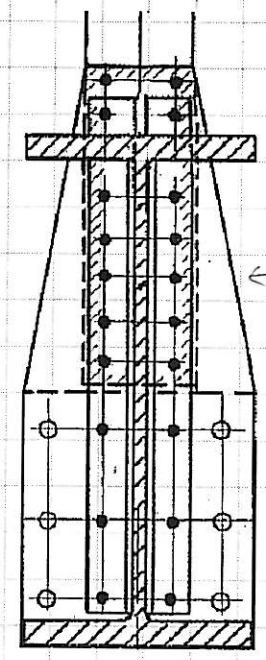
① INT. PIN ℄ 1/8" PITTING W. 60S ℄

N. ELEV. BRG = PHB 111 → S. TRUSS L5 NOTES

② INDICATION OF PIN ROTATION ON N. SIDE

③ ZERO THREAD COUNT →

TRAFFIC



PET Knife 10-10-08

¼ bar diam ℄

negligible loss

L1

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

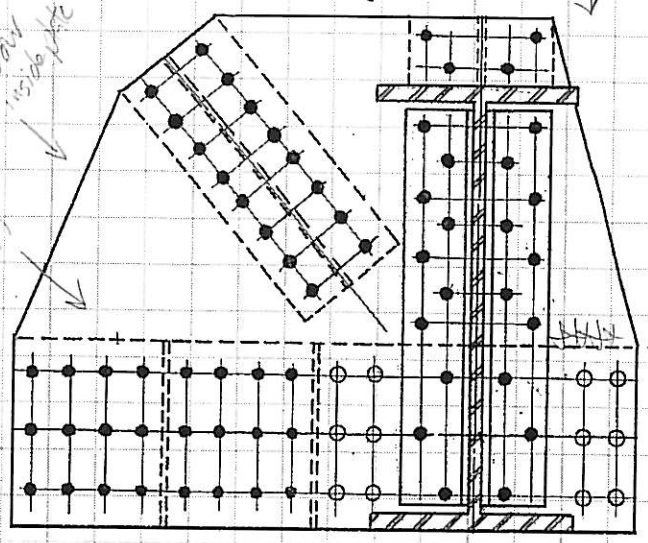
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE SHEET

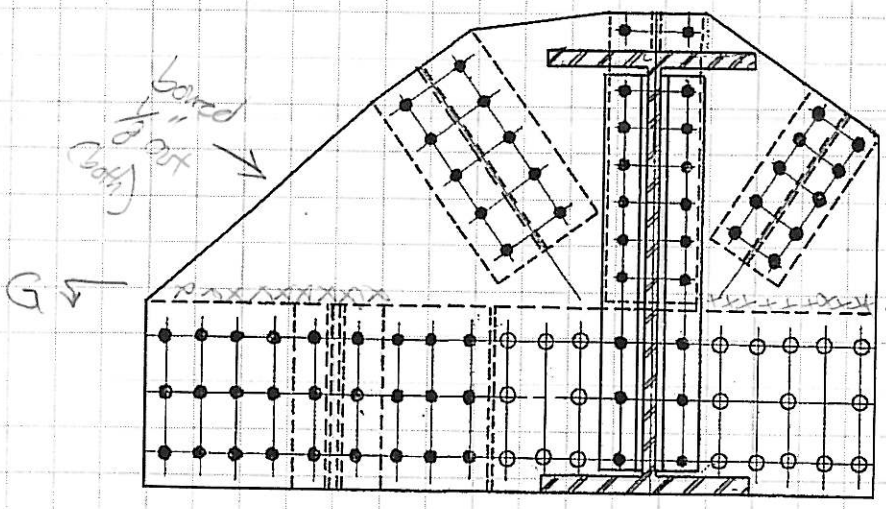
CREW

Span: 1 2 3 4

North Truss South Truss



L2



L3

Calculations for 1/4 US Grid

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

TranSystems

Field Notes

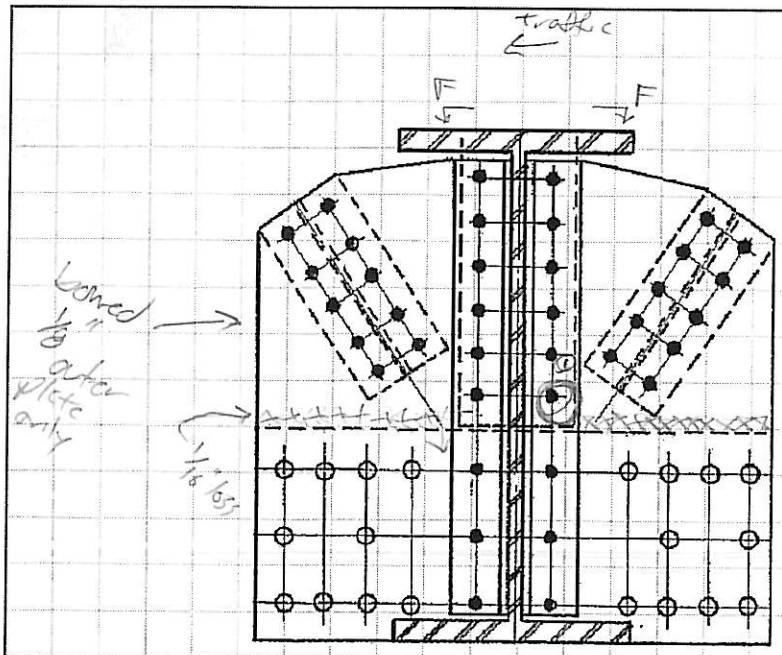
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

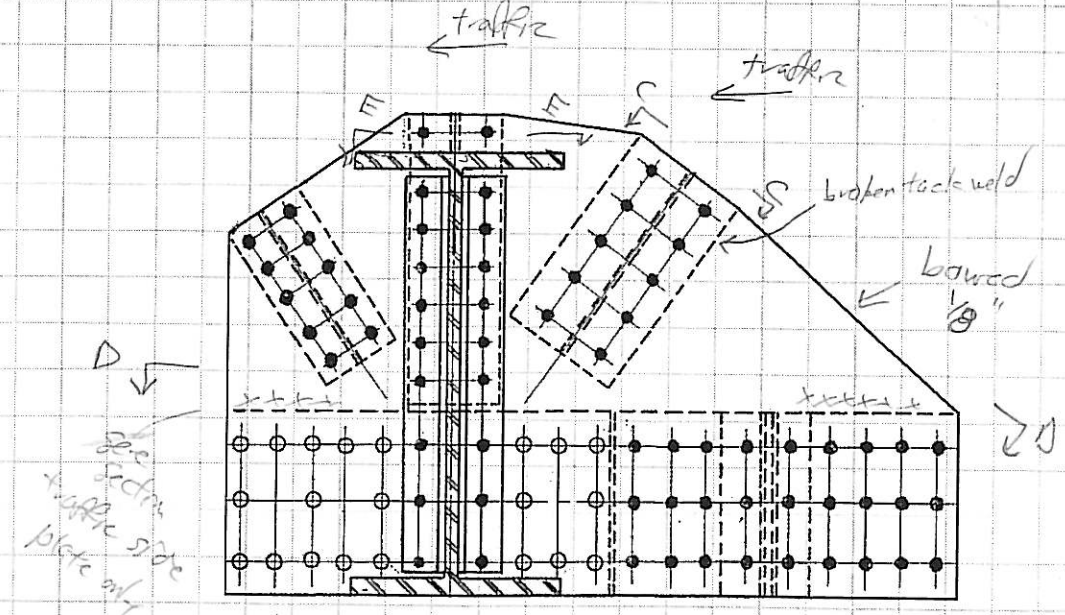
CREW PEJ - KMW

Span: 1 2 3 (4)

North Truss (South Truss)



L4



L5

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid

TranSystems

Field Notes

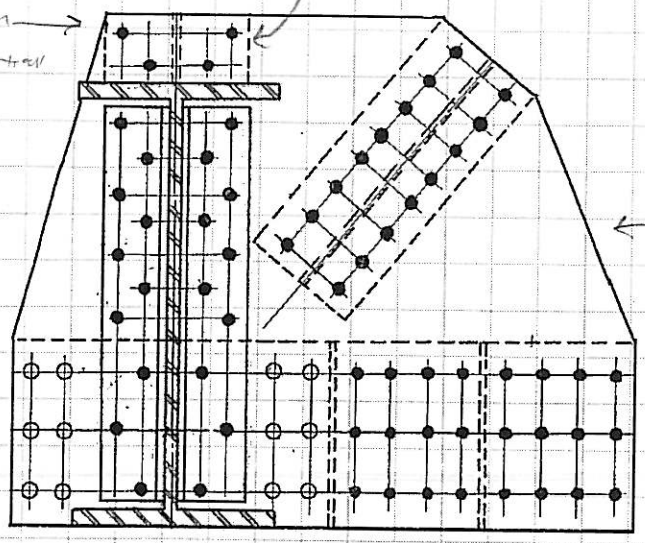
PROJECT NO P410070010 BRIDGE NO HAM-50-3.76

DATE 10-10-08 SHEET

CREW PEJ-KMW

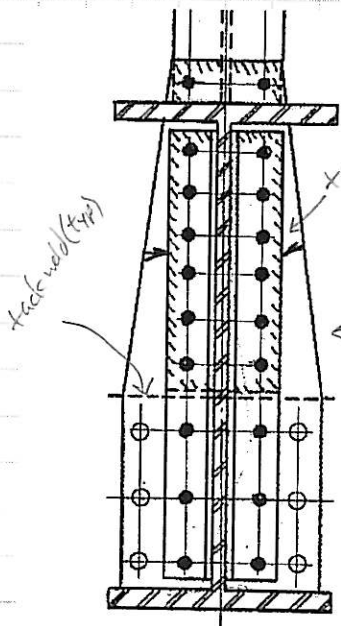
Span: 1 2 3 (4)

North Truss (South Truss)



← 1/8" bowed out
negligible loss on gusset
slight active rust

L6



L7

traffic →

REVISION 1	DATE	CREW	REVISION 2	DATE	CREW
REVISION 3	DATE	CREW	REVISION 4	DATE	CREW

Calculations for 1/4 US Grid