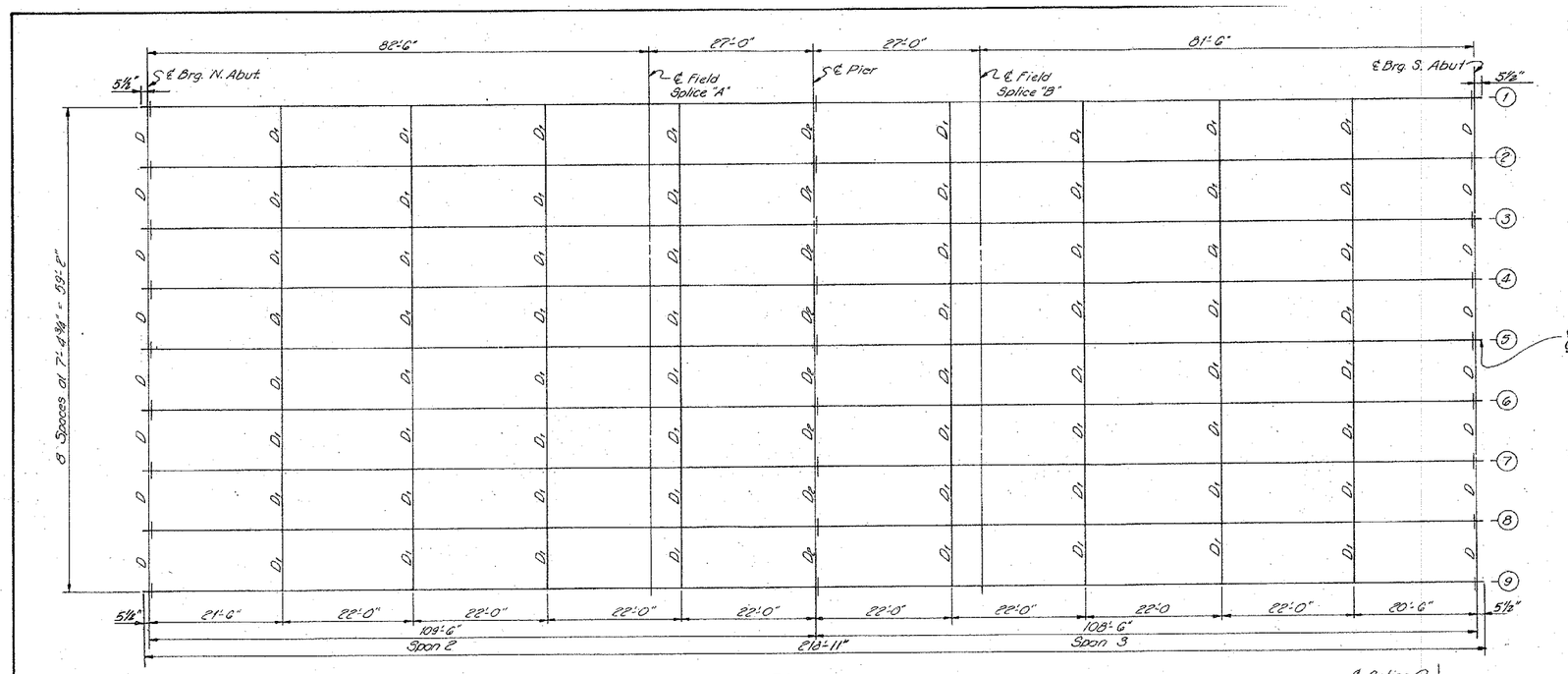
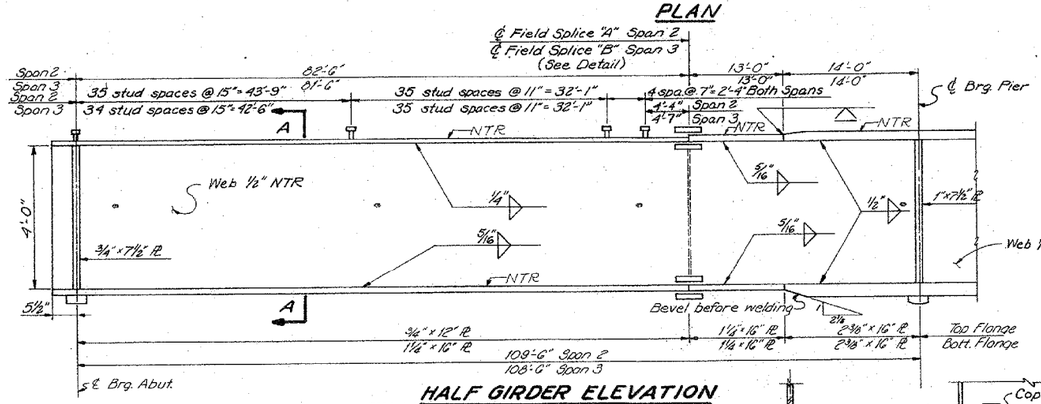
Sheet 8 of 14

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.405 | 72-7HB | PEORIA | 180 | 45 |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJ. | | |

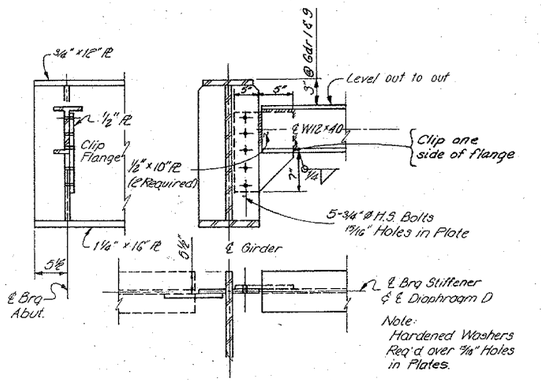



## PLAN



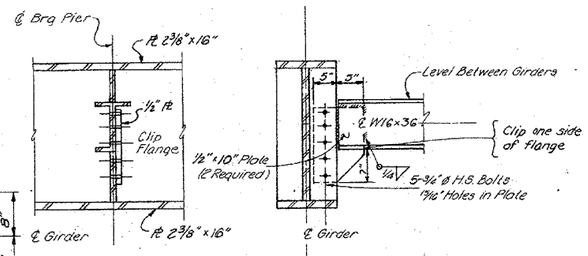

## HALF GIRDER ELEVATION

Note:
NTR denotes Notch Toughness Requirements
See General Notes Sheet #1 for details.



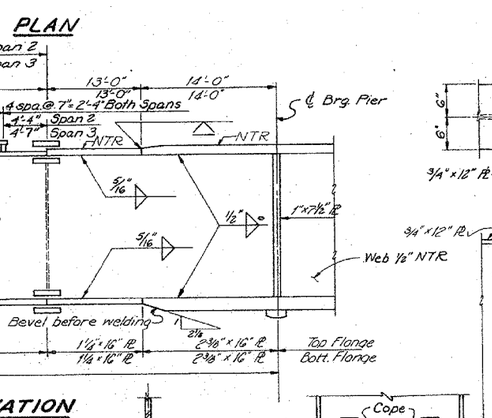

## DIAPHRAGM D

16 Required

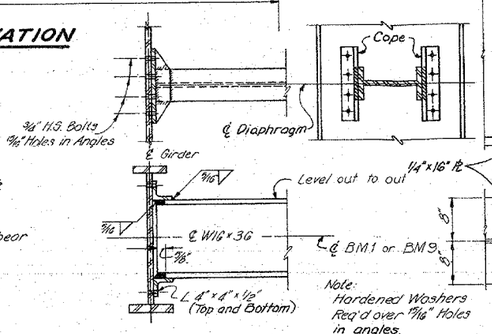



## DIAPHRAGM Dz

8 Required

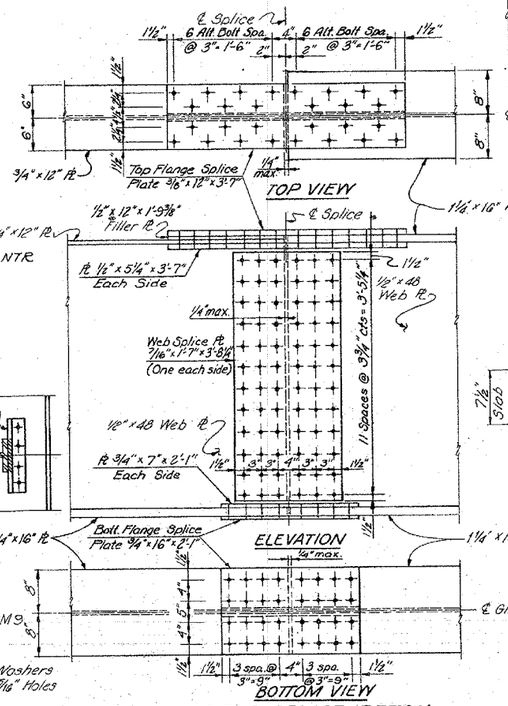



## BEARING STIFFENER DETAIL



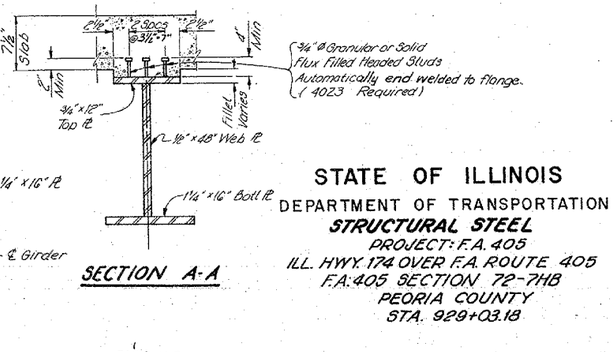

## DIAPHRAGM D1

64 Required




## FIELD SPLICE DETAIL

All Splice Bolts are 7/8" ø H.S.




## SECTION A-A

## STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**STRUCTURAL STEEL**
PROJECT: F.A. 405
ILL. HWY. 174 OVER F.A. ROUTE 405
F.A. 405 SECTION 72-7HB
PEORIA COUNTY
STA. 929+03.18

| | |
|---|---|
| Designed | DEB |
| Checked | LRW |
| Drawn | R.R. Warnock |
| Checked | DEB |

MAURER-STUTZ ENGINEERS SURVEYORS

**FOR INFORMATION ONLY**

| | | | |
|---|---|---|---|
| FILE NAME = S:\237\2013\2371309.00\AllenRdPhII\CADD\CADD Sheets\D468683-sht-Exist Plans08-SN07200.dgn | USER NAME = wllewis | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 2.0000 ' / in. | CHECKED - | REVISED - |
| Default | PLOT DATE = 1/24/2014 3:20:15 PM | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ALLEN ROAD IMPROVEMENTS**
**EXISTING BRIDGE PLANS**

SCALE: | SHEET OF SHEETS | STA. | TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 6584 | 105; (72-7HB)BY | PEORIA | 487 | 348 |
| 6585 | | CONTRACT NO. 68683 | | |
| | | ILLINOIS | FED. AID PROJECT | |