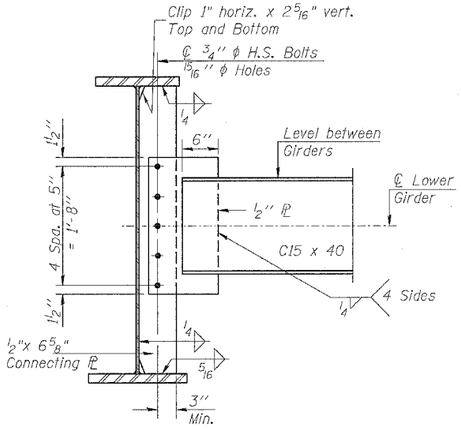
CONTRACT NO. 64647

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.P. 595 | 1-3-K | Rock Island | 476 | 263 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 12
22 SHEETS

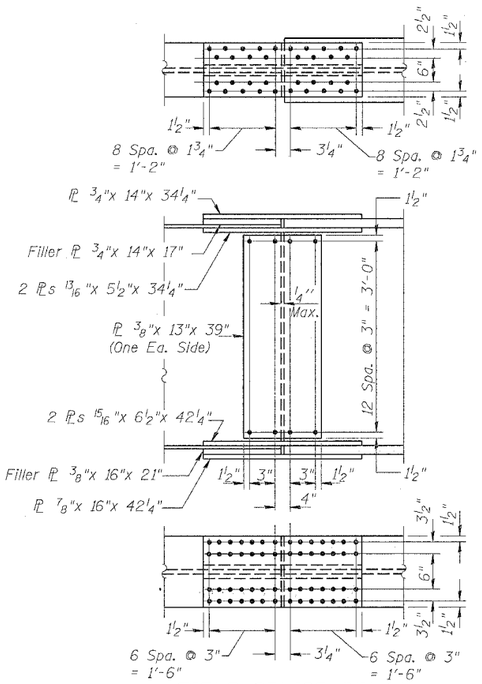
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



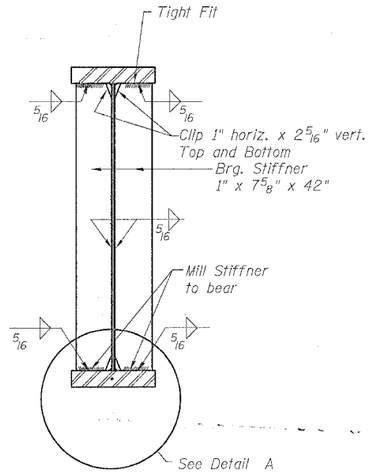

## DIAPHRAGM D

96 Required

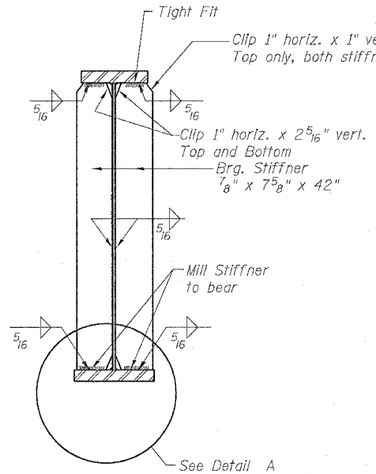
Note:
Two hardened washers shall be required over all oversized holes.
All splice plates except fill plates shall be AASHTO M270, Gr 50.
All fill plates, diaphragms and connecting plates shall be AASHTO M270, Gr 36.
All bolts for splice plates are 7/8"ϕ HS in 15/16"ϕ open holes.



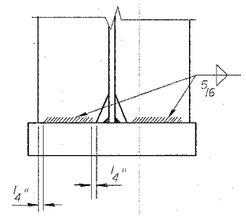

## FIELD SPLICE DETAIL



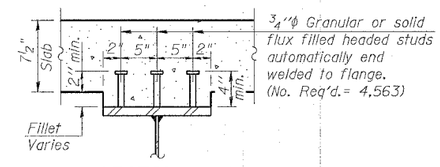

## SECTION AT PIER



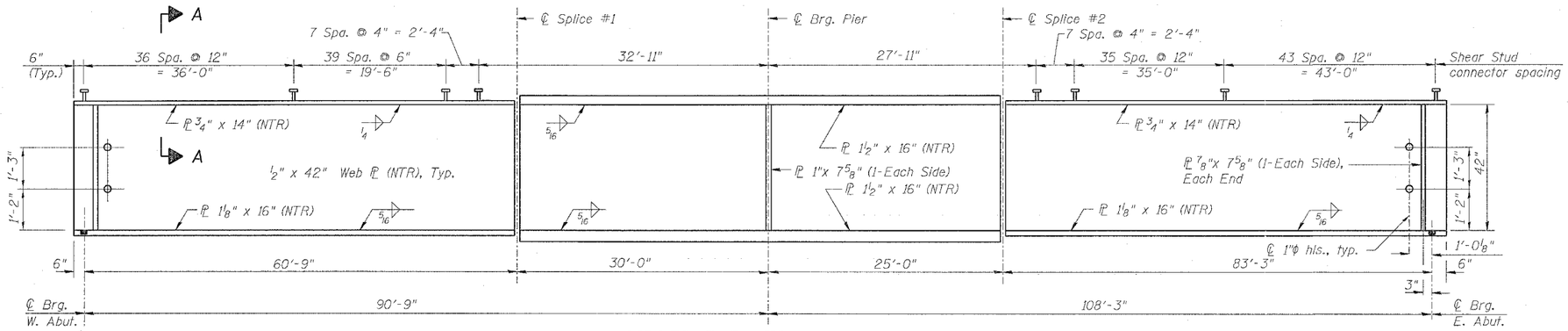

## SECTION AT ABUTMENTS




## DETAIL A

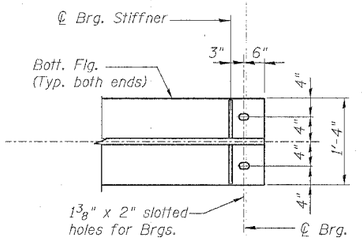



## SECTION A-A




## GIRDER ELEVATION

"NTR" denotes plates to which notch toughness requirements are applicable.
All plates of the girders, including bearing stiffeners, shall be AASHTO M270 Grade 50.




## END OF GIRDER DETAIL

| | |
|---|---|
| DESIGNED | JDC |
| CHECKED | JBF |
| DRAWN | RAP |
| CHECKED | JBF |

SI-DS1 9-01-03

# STRUCTURAL STEEL DETAILS

52nd AVE. OVER MILAN BELTWAY
FAU ROUTE 5822 SECTION 1-3
ROCK ISLAND COUNTY
STATION 1159+12.92
STRUCTURE NO. 081-0156