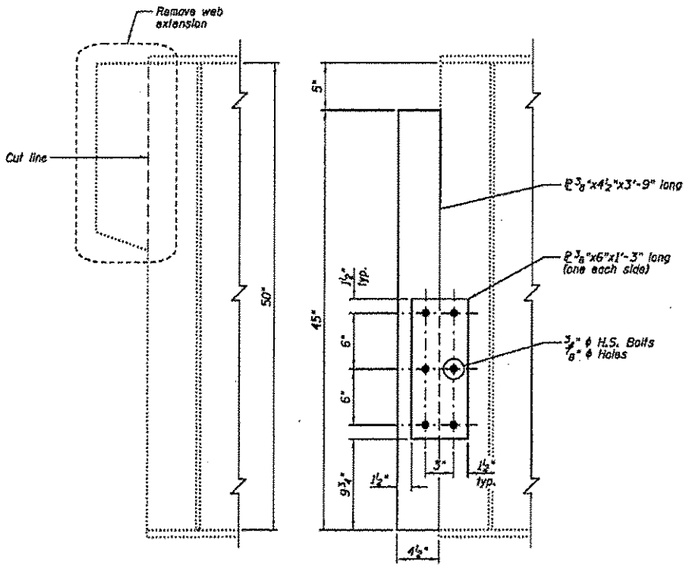
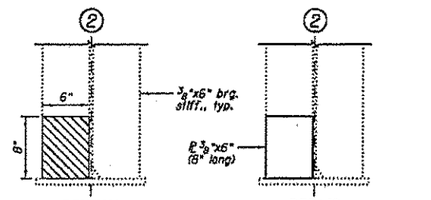


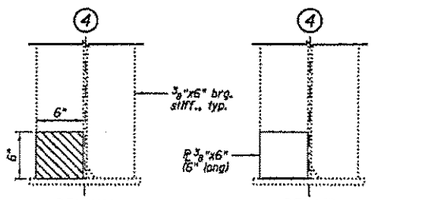

WEB EXTENSION PLATE DETAIL

(8 - Required)



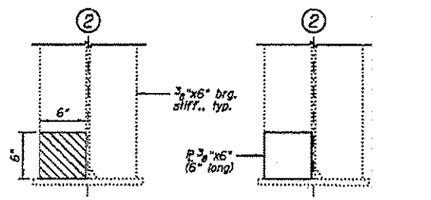

BEARING STIFFENER REPAIR @ NORTH ABUTMENT

(Looking North)



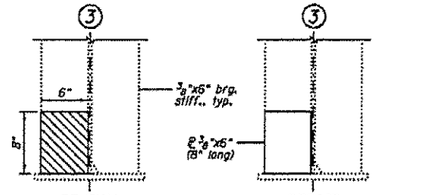

BEARING STIFFENER REPAIR @ NORTH ABUTMENT

(Looking North)



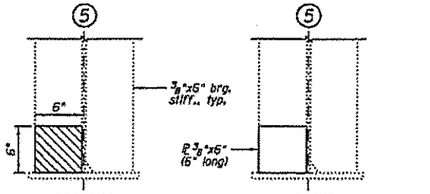

BEARING STIFFENER REPAIR @ SOUTH ABUTMENT

(Looking South)



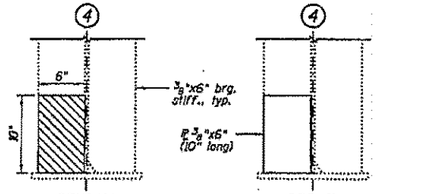

BEARING STIFFENER REPAIR @ NORTH ABUTMENT

(Looking North)



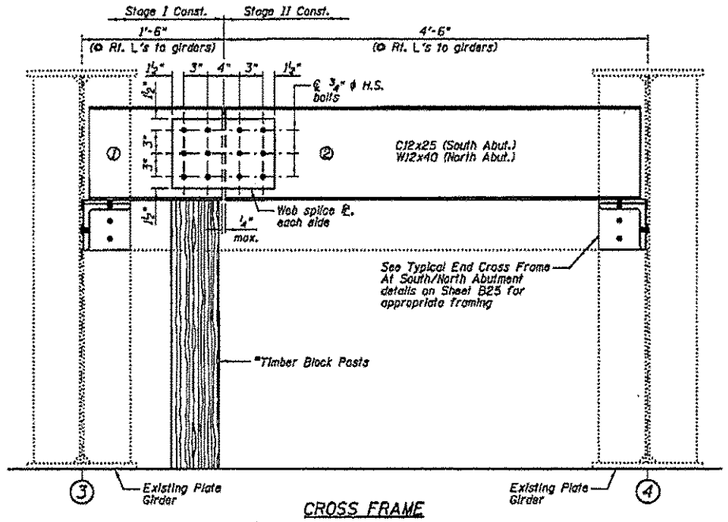

BEARING STIFFENER REPAIR @ NORTH ABUTMENT

(Looking North)




BEARING STIFFENER REPAIR @ SOUTH ABUTMENT

(Looking South)

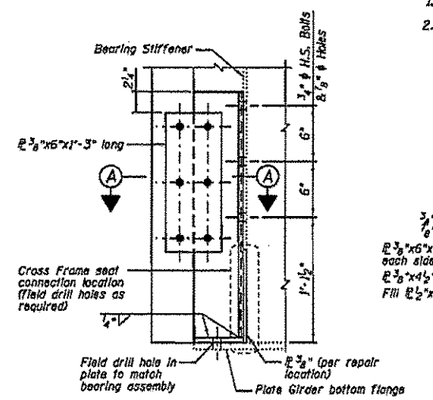



CROSS FRAME

" Cost of Timber Block Posts are included with Erecting Structural Steel.

CROSS FRAME STAGE CONSTRUCTION SEQUENCE

1.) Order Cross Frame in two sections.
2.) Attach Section ① of Cross Frame to Girder 3.
3.) Place Timber Block Posts between Section ① of Cross Frame and Abutment Bearing Section.
4.) Attach Section ② of Cross Frame to both Girder 4 and Section ① of Cross Frame during Stage II Construction with splice plates.
5.) Remove Timber Block Posts.
6.) Install lower portion of Cross Frame during Stage II Construction.



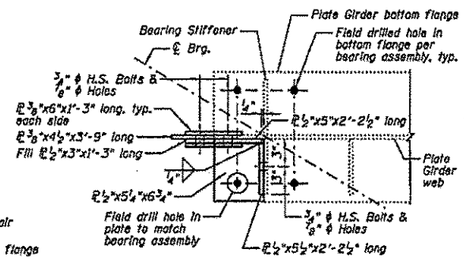

EXISTING BEARING STIFFENER REPAIR DETAIL

(8 - Required)

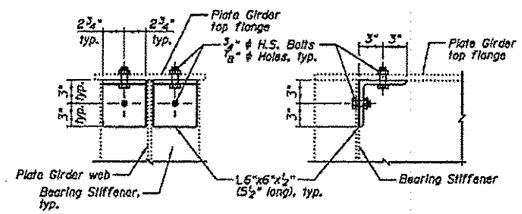
NOTES:

1.) All bearing stiffener replacement plate steel shall be M270 Grade 36.
2.) All existing structural steel in contract with the repair area shall be cleaned per Section 506 of the Standard Specifications.

Structural Steel Removal




SECTION A-A




EXISTING TOP FLANGE BEARING STIFFENER CONNECTION DETAILS

(16 - Required @ 8 locations)

BILL OF MATERIAL

| Item | Unit | Total |
|---|---|---|
| Structural Steel Repair | Pound | 490 |

NOTES:

1.) See Web Extension Plate Detail for additional information.
2.) Grind corners as required to clear existing welds.
3.) All new structural steel shall be M270 Grade 36.
4.) All existing structural steel in contact with the repair area shall be cleaned per Section 506 of the Standard Specifications.
5.) All field drilling shall be done in accordance with Section 505 of the Standard Specifications.

NOTE:

See Sheet B23 for Web Extension Plate locations.

STRUCTURAL STEEL
STRUCTURE NO.084-0028

FOR INFORMATION ONLY

| FILE NAME = | USER NAME = mcdonaldrs | DESIGNED - | REVISED - |
|---|---|---|---|
| c:\documents and settings\mcdonaldrs\desktop\plansheet.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 0.9898 ' / in. | CHECKED - | REVISED - |
| Default | PLOT DATE = Nov-28-2012 01:28:48PM | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL

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

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 55 | D6 PAINTING 2013 | SANGAMON | 26 | 11 |
| | | CONTRACT NO. 72F85 | | |
| | (ILLINOIS) FED. AID PROJECT | | | |