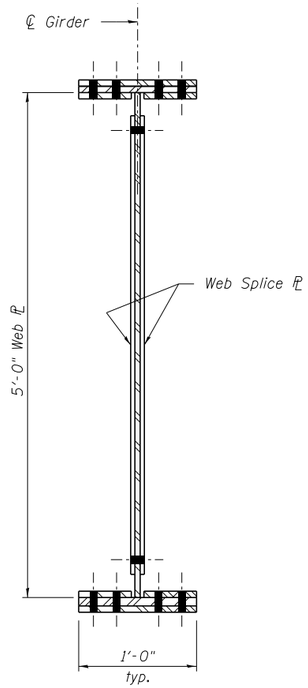
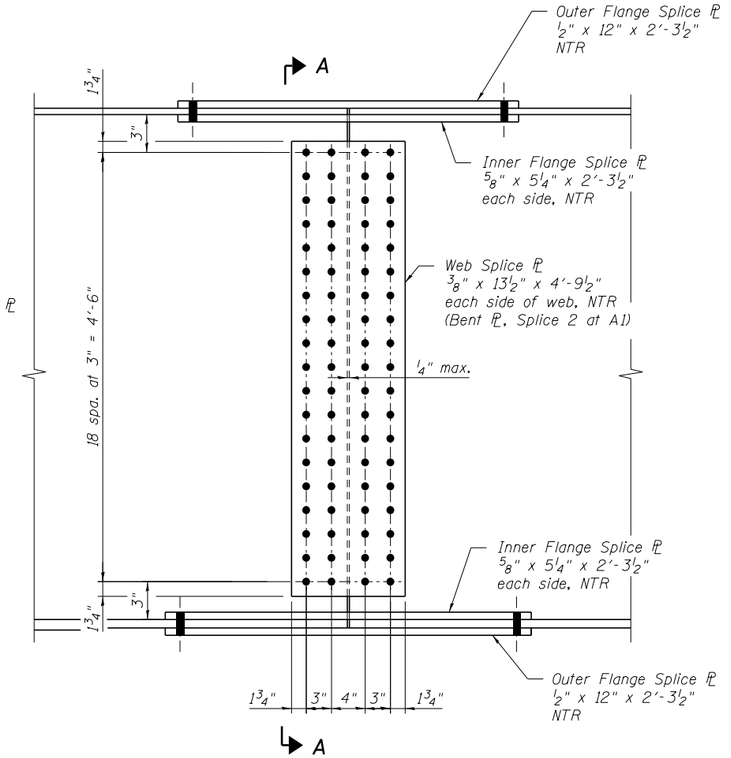
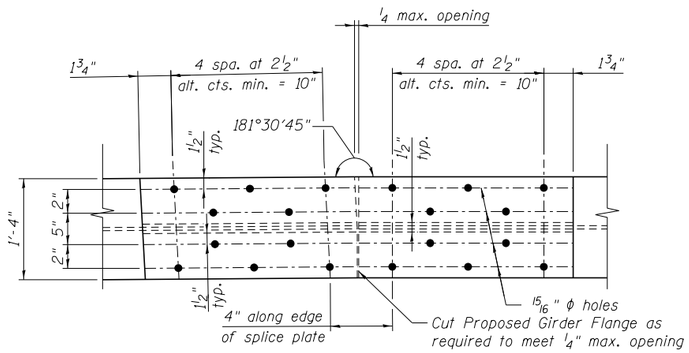



SECTION A-A



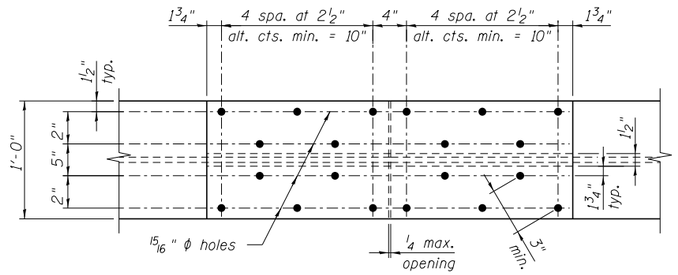

ELEVATION - FIELD SPLICE - GIRDER A1 & A2

(76 Bolts per Web Splice)




FLANGE SPLICE - #2 AT A1

(Top & Bottom Flanges)




FLANGE SPLICE #1 & #2

(Top & Bottom Flanges)
(20 Bolts per Flange Splice)

## TOP OF WEB ELEVATIONS

| Location | Girder A1 | Girder A2 |
|---|---|---|
| CL. BRG. PIER 4N | 620.43 | 620.59 |
| CL. BRG. PIER 5 | 621.18 | 621.34 |
| FS #1 | 621.38 | 621.55 |
| CL. BRG. PIER 6 | 622.20 | 622.34 |
| FS #2 | 622.44 | 622.57 |
| CL. BRG. PIER 7S | 623.22 | 623.32 |

For fabricator use only.

## NOTES:

1. All Splice Plates shall be AASHTO M270 Grade 50 steel.
2. All Splice Bolts shall be 7/8" ϕ ASTM A325 High Strength with 15/16" ϕ holes.
3. Load carrying components designated "NTR" shall conform to the Impact Testing Requirements. Zone 2.
4. Girders A1 and A2 do not have any camber.

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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093

| | | | |
|---|---|---|---|
| FILE NAME = 0162457_60J16_059_Camber_Splice.dgn | USER NAME = ksnider | DESIGNED - DTS | REVISED - |
| | | CHECKED - KMP | REVISED - |
| | PLOT SCALE = | DRAWN - RMG | REVISED - |
| | PLOT DATE = 12/20/2013 | CHECKED - KMP | REVISED - |

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

**STEEL PLATE GIRDER SPLICE & TOP OF WEB DETAILS**
**STRUCTURE NO. 016-2457**

SHEET NO. SD59 OF SD83 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 372 | 2013-038B-R | COOK | 821 | 434 |
| | | CONTRACT NO. 60J16 | | |
| ILLINOIS | FED. AID PROJECT | | | |

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