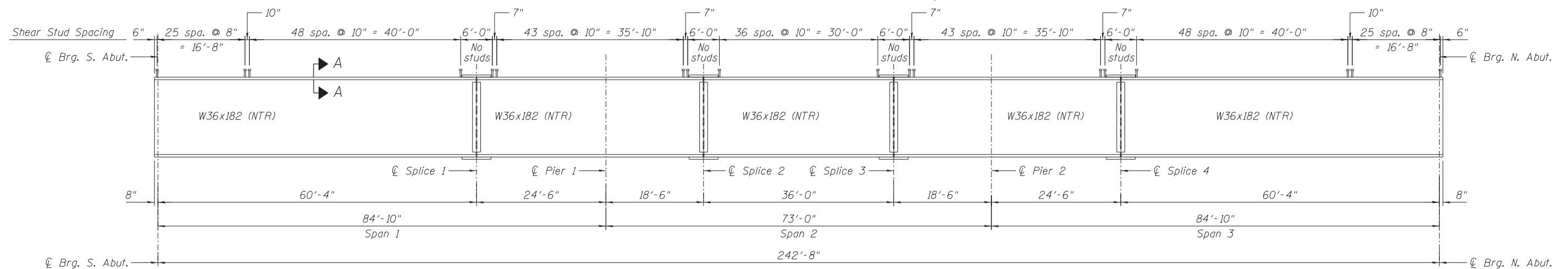


FRAMING PLAN



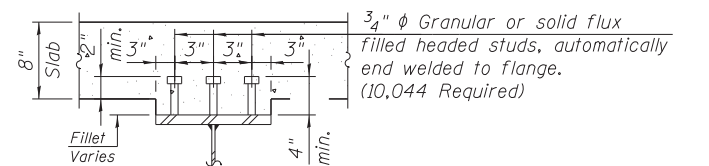
BEAM ELEVATION

TOP OF BEAM ELEVATIONS
(for fabrication only)

Girder	℄ Brg. S. Abut.	F.S. 1	Pier 1	F.S. 2	F.S. 3	Pier 2	F.S. 4	℄ Brg. N. Abut.
1	594.97	596.72	596.80	596.87	597.01	596.93	596.65	594.35
2	594.96	596.72	596.79	596.87	597.01	596.93	596.66	594.36
3	595.03	596.79	596.87	596.94	597.09	597.02	596.74	594.45
4	595.09	596.87	596.95	597.02	597.17	597.10	596.83	594.55
5	595.15	596.97	597.02	597.09	597.24	597.18	596.91	594.64
6	595.22	597.01	597.10	597.17	597.32	597.26	597.00	594.73
7	595.20	597.01	597.10	597.17	597.32	597.26	597.01	594.75
8	595.11	596.93	597.02	597.09	597.24	597.19	596.93	594.68
9	595.02	596.84	596.94	597.01	597.17	597.11	596.86	594.62
10	594.93	596.76	596.86	596.93	597.09	597.04	596.79	594.55
11	594.84	596.68	596.78	596.85	597.01	596.96	596.72	594.49
12	594.82	596.68	596.78	596.85	597.01	596.96	596.73	594.50

NOTES:

- For diaphragms details, see Sheet S1-24.
- F.S. denotes girder field splice.
- All structural steel shall be hot-dipped galvanized. Cost included with Furnishing and Erecting Structural Steel.
- Load carrying components designated "NTR" shall conform to the Impact Testing Requirement, Zone 2.
- Girders have bearing stiffeners and connection plates as required by design. Additional stiffeners may be added at the Contractor's expense as necessary to prevent distortion of the girders during galvanizing. The Contractor shall coordinate with the fabricator and the galvanizer to determine if additional stiffeners are necessary, and where these should be placed. Any proposed changes shall be submitted to the Engineer for approval prior to making any changes.
- Temporary stiffener angles shall be bolted to each side of the splice ends of each girder segment to prevent distortion during galvanizing. Temporary stiffener angles shall bolt or fit tight against top & bottom flanges and include spacer tubes to minimize damage to galvanizing during removal. Cost included with Furnishing & Erecting Structural Steel.



SECTION A-A

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Structural Steel	L SUM	1
Stud Shear Connectors	EACH	10,044

FILE PATH = C:\Users\will.mordous\Desktop\0161709-60W25-S22-FramePlan.dgn

HBM
ENGINEERING GROUP, LLC.
CONSULTING & DESIGN
INSPECTION & RATING
RESEARCH & TESTING

4415 WEST HARRISON ST.
SUITE 231
HILLSIDE, IL 60162
PHONE: (708) 236-0900
FAX: (708) 236-0901

0161709-60W25-S22-FramePlan.dgn
DESIGNED - MI, LAB, MMW
DRAWN - LAB, MMW
CHECKED - MAI, MI, JJS
DATE - 6/17/2013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN AND BEAM ELEVATION
STRUCTURE NO. 016-1709

SCALE: SHEET S1-22 OF 51 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	166
				CONTRACT NO. 60W25
ILLINOIS FED. AID PROJECT				