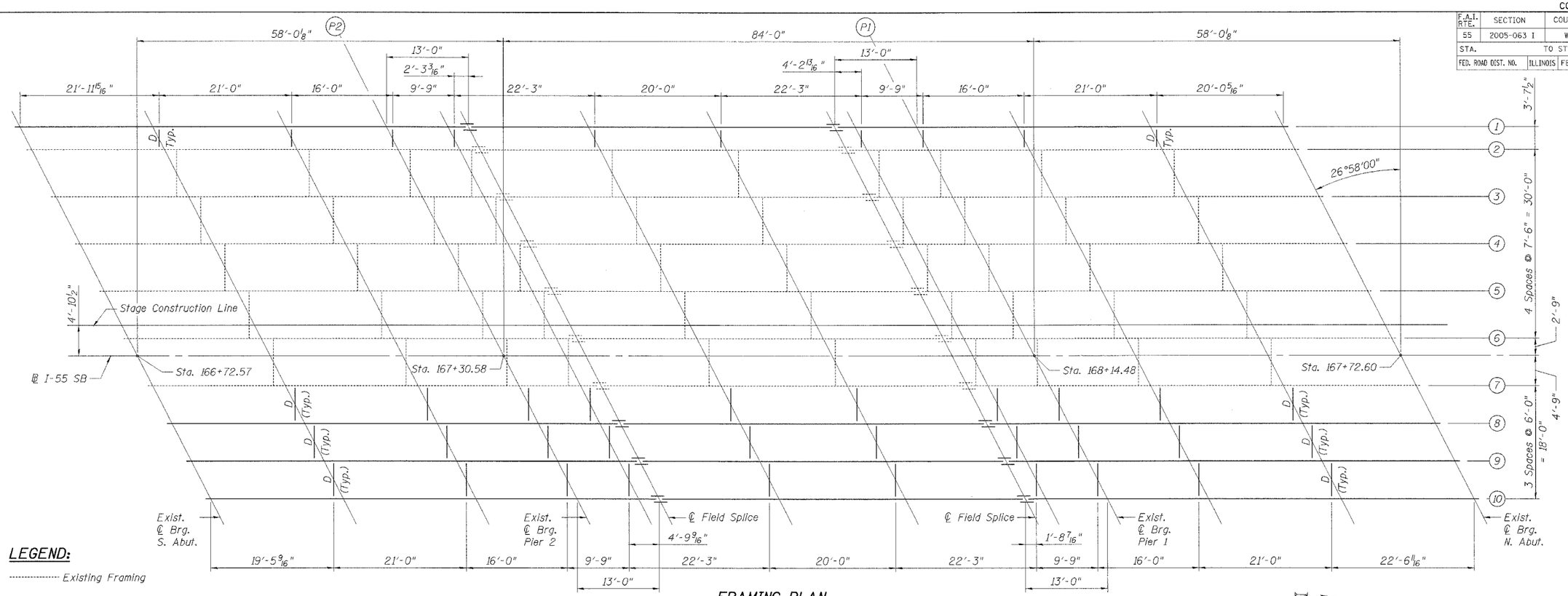
CONTRACT NO. 60A67

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-063 I	WILL	50	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

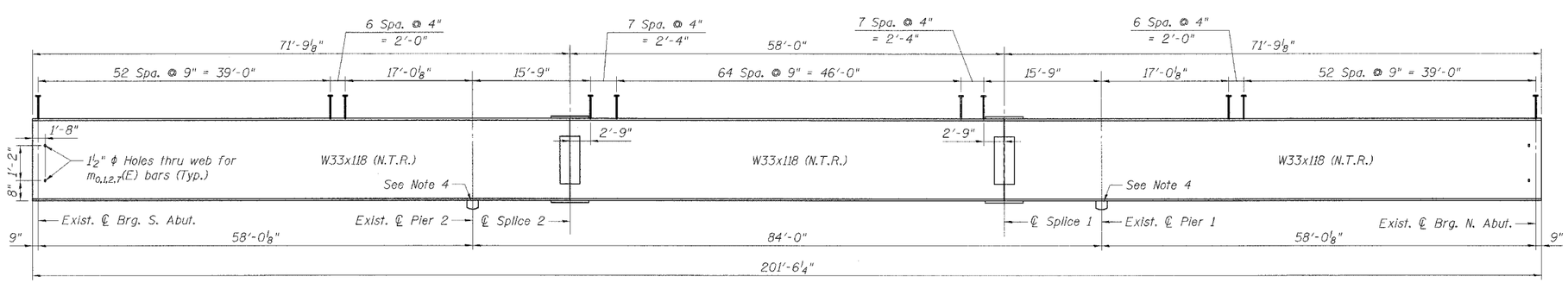


FRAMING PLAN

LEGEND:

Existing Framing

Proposed Framing



BEAM ELEVATION

Notes:

1. N.T.R. denotes steel is subject to Supplemental Requirements for Notch Toughness. (Zone 2)
2. For field splice details, see Sht. SA-12.
3. For diaphragm details, see Sht. SA-12.
4. Rocker plates to be shop welded to bottom flange at Pier 1 and 2 locations. See Sht. SA-12 for details.

** 5. Exist. studs that are damaged during removal of exist. deck are to be removed. remaining welds ground smooth, and new studs welded to replace the damaged studs. The cost for such work shall be included in the cost for Removal of Existing Concrete Deck No. 1.

** These notes included in Fabrication Contract For Information Only.

TOP OF BEAM ELEVATIONS

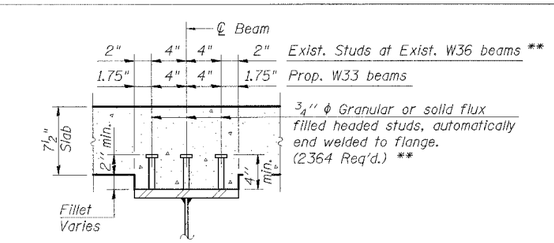
(for fabrication use only)

Beam	Exist. ℄ Brg. S. Abut.	Exist. ℄ Pier 2	℄ Field Splice	℄ Field Splice	Exist. ℄ Pier 1	Exist. ℄ Brg. N. Abut.
1	578.15	578.21	578.23	578.23	578.22	578.15
8	578.24	578.27	578.28	578.23	578.21	578.08
9	578.12	578.15	578.15	578.10	578.07	577.94
10	578.00	578.02	578.02	577.97	577.94	577.80

BEARING SEAT ELEVATIONS

(For Information Only)

Beam	S. Abut.	Pier 2	Pier 1	N. Abut.
1	575.39	575.19	575.20	575.39
8	575.48	575.25	575.18	575.33
9	575.37	575.12	575.05	575.19
10	575.25	575.00	574.92	575.05



SHEAR CONNECTOR DETAIL

(Proposed W33 beams & existing W36 beams)

SHT. SA-11 OF 21

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO WEBER ROAD)
BEAM AND BEARING FABRICATION
SB I-55 OVER CSX RAILROAD, S.N. 099-0312
STA. 167+72.58, SECTION 2005-063 I
WILL COUNTY

FRAMING PLAN, TOP OF BEAM ELEVATIONS, SHEAR STUD DETAILS

SCALE: DRAWN BY MDB

DATE 05/19/06 CHECKED BY MJK

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

..\FP061A0R2.DGN, ..\GFP061A0R2.DGN, ..\BDP91A0R2.DGN, ..\HL99A0R2.DGN, ..\BD-99A0R2.DGN, ..\FP061A0R1.SHT
5-17-2006, 11:04:31 BAKSHAMMD S:\DOCUMENT\62381\CONTRACT\CONTRACT\FP062A0R1.SHT