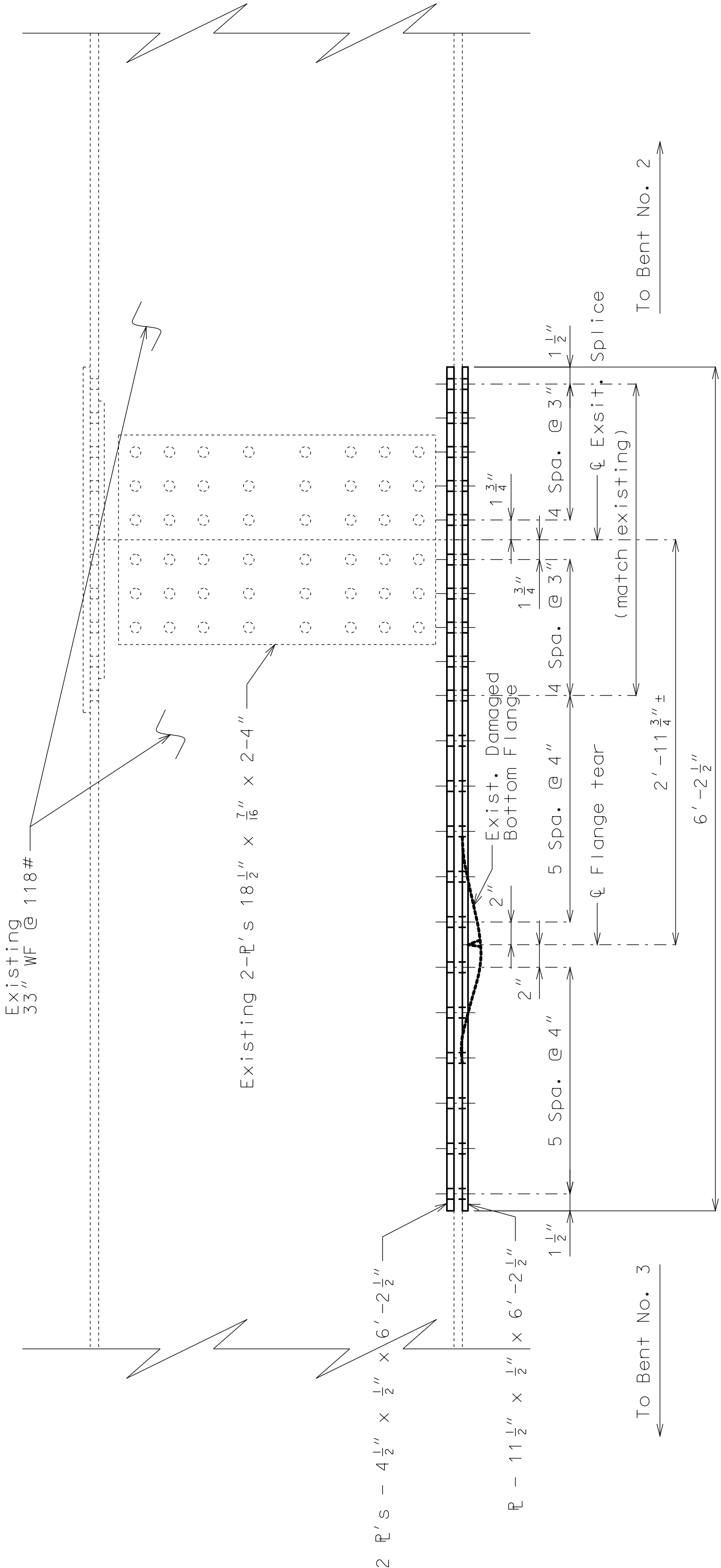
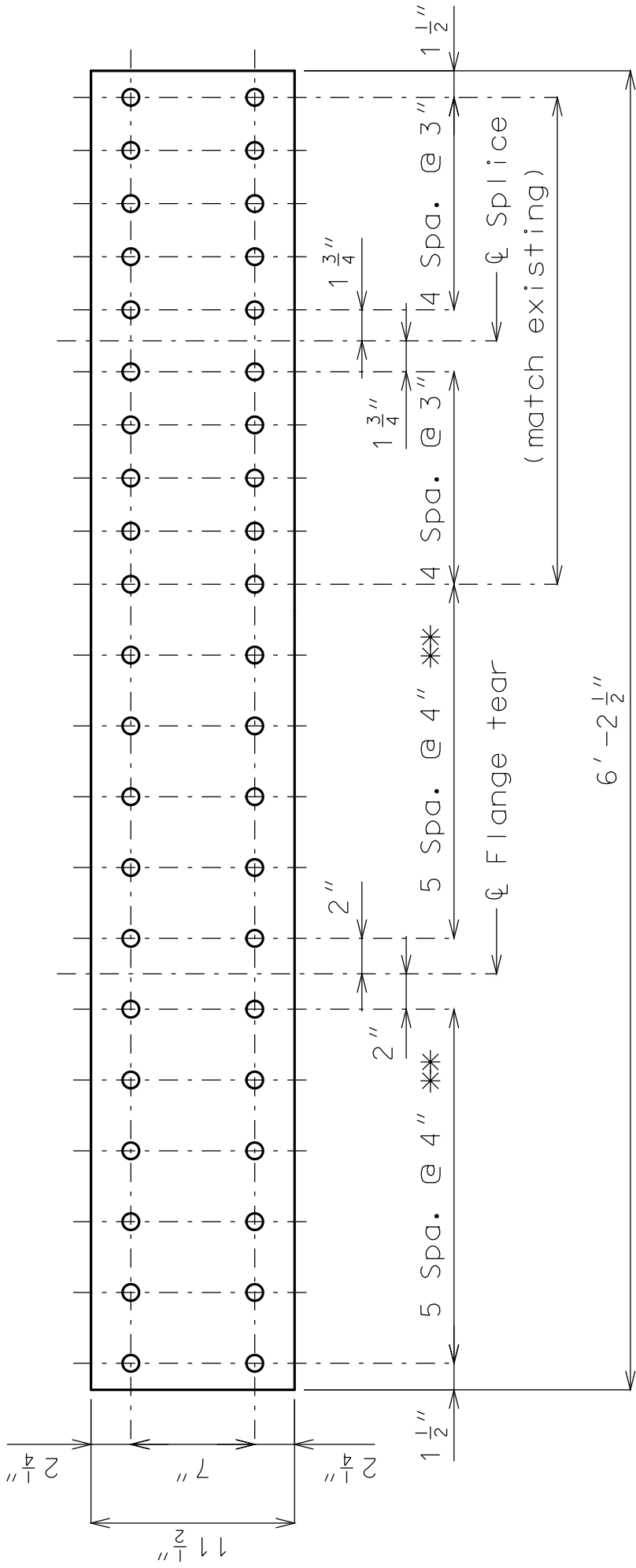


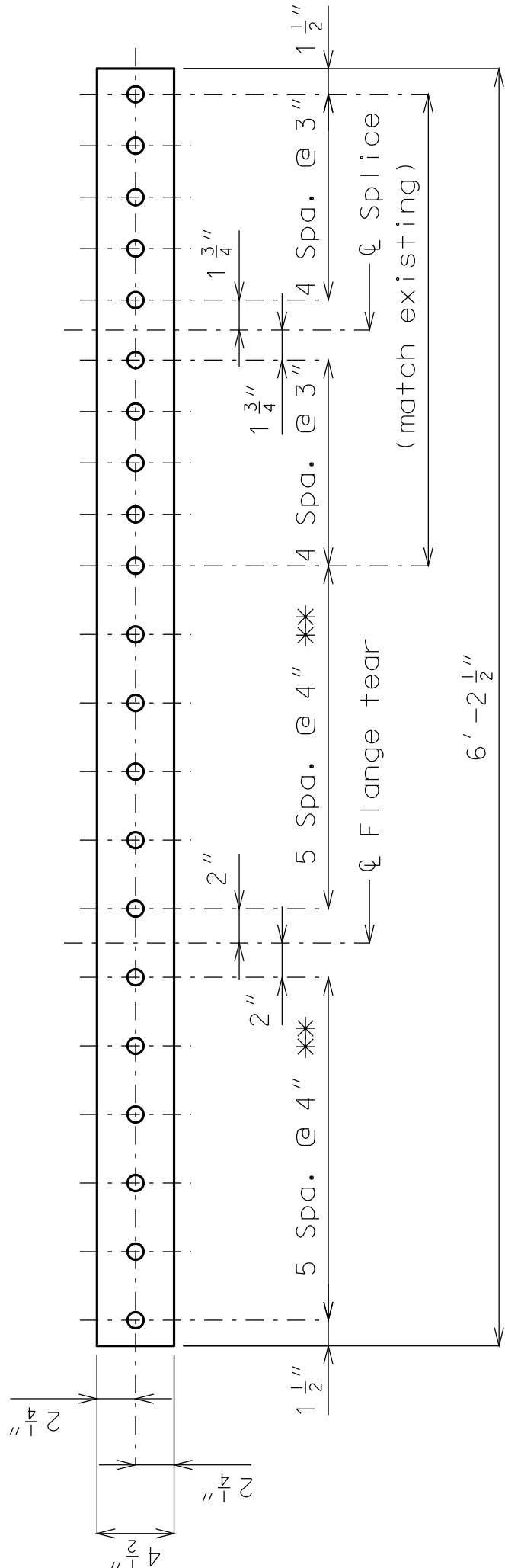
(45'-68'-72'-58') CONTINUOUS COMPOSITE WIDE FLANGE SPANS
(15° LA SKEW)



DETAIL OF BOLTED FIELD SPLICE



PLAN OF BOTTOM SPLICE TOP PLATE



PLAN OF BOTTOM SPLICE TOP PLATE

** Spacing may be decreased to a minimum of 3" cts. or increased to a maximum of 5" cts. to maintain the number of bolts on each side of flange tear

REPAIRS TO STRINGER NO. 1 NEAR INT. BENT NO. 2

Drawn April 11, 2015
Checked April 11, 2015

Note: This drawing is not to scale. Follow dimensions.

REPAIR TO BRIDGE: SOUTH HARRISONVILLE
CONNECTION OVER RTE I-49

STATE ROAD FROM RTE 291 TO RTE A
ABOUT 1.9 MILES SOUTH OF RTE 291
STA. 1026+00 (RTE. I-49)

SEC/SUR 4 TWP 44N RGE 31W

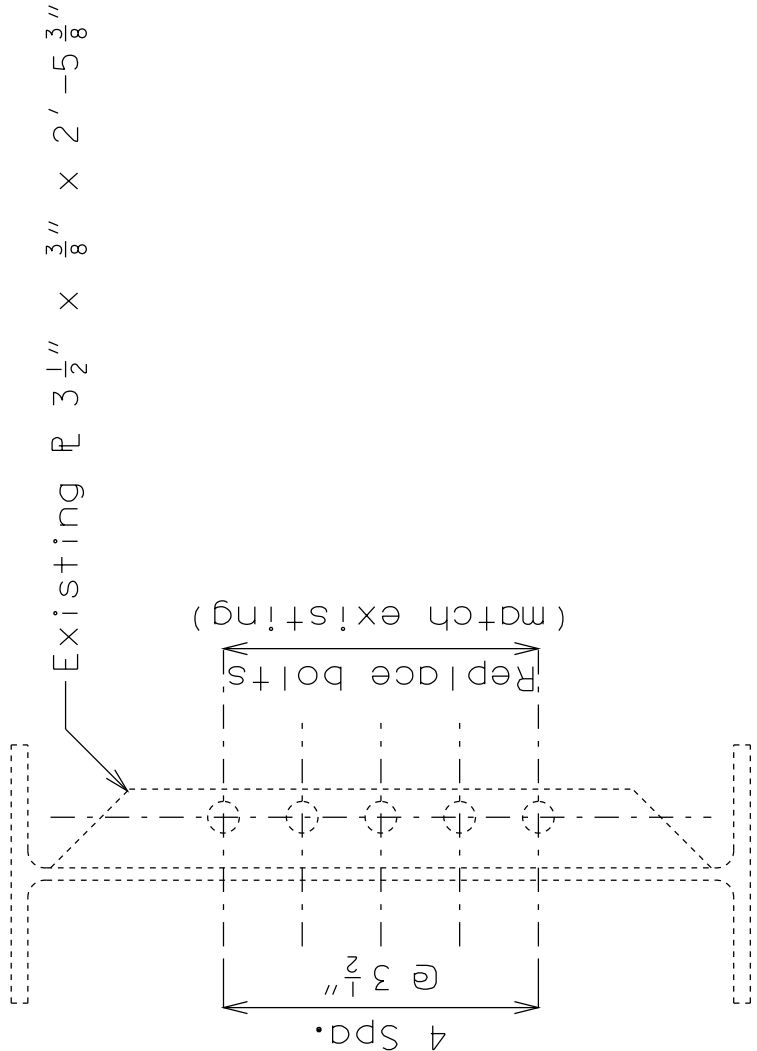
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED	10/2/2015
ROUTE	I-49
STATE	MO
DISTRICT	SHEET NO.
BR	1
COUNTY	CASS
JOB NO.	K15C5919
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	A14951

DESCRIPTION	ADDENDUM 001
DATE	10/2/15

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)
---	--

TYPICAL SECTION THRU
EXISTING DIAPHRAGM CONNECTION



Note:
The intermediate diaphragm nearest to the splice shall have the 10 bolts replaced with new like sized high strength bolts.

Notes:

Use 7/8"Ø high strength bolts, nuts and washers with 15/16"Ø holes for splice plates.

Contact surfaces shall be in accordance with Sec 1081 for surface preparation.

Coating on the existing structural steel is non-lead base. All coating removed or damaged at the repair areas shall be given a prime coat of System G Inorganic Zinc. Cost will be considered completely covered by Heat Straightening.

Flange and web splices shall be subject to notch toughness requirements.

Fabricated structural steel shall be ASTM A709 Grade 50, except as noted.

Remove existing bottom splice plates and replace as shown.

Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.

All coating removed or damaged at the repair area shall be given a prime coat with an epoxy mastic primer of similar tint to the existing paint.

Cost will be considered completely covered by Heat Straightening.

Epoxy mastic primer shall be in accordance with Sec 1081 and the Job Special Provisions.

Estimated Quantities

Item	Total
Fabricated Structural Low Alloy Steel (Misc.) A709, Grade 50	260
Heat Straightening	1
Diaphragm Replacement Bolts	10

* See Job Special Provisions for Heat Straightening.