

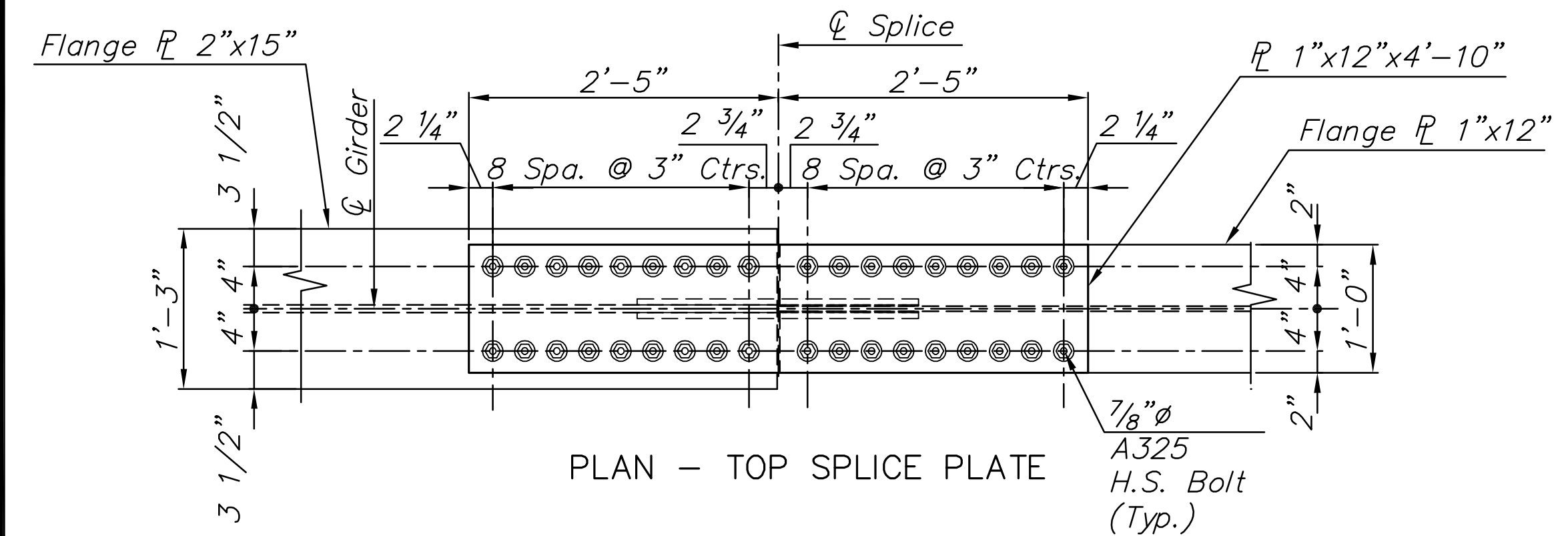
**LINCOLN STREET BRIDGE AND
DAM IMPROVEMENTS OVER
ARKANSAS RIVER**

**LINCOLN ST. BRIDGE
GIRDER SPLICE DETAILS**
SHEET TITLE
472-84883
PROJECT NUMBER

JAG
DESIGN BY
DPG
DRAWN BY
KJS
CHECKED BY

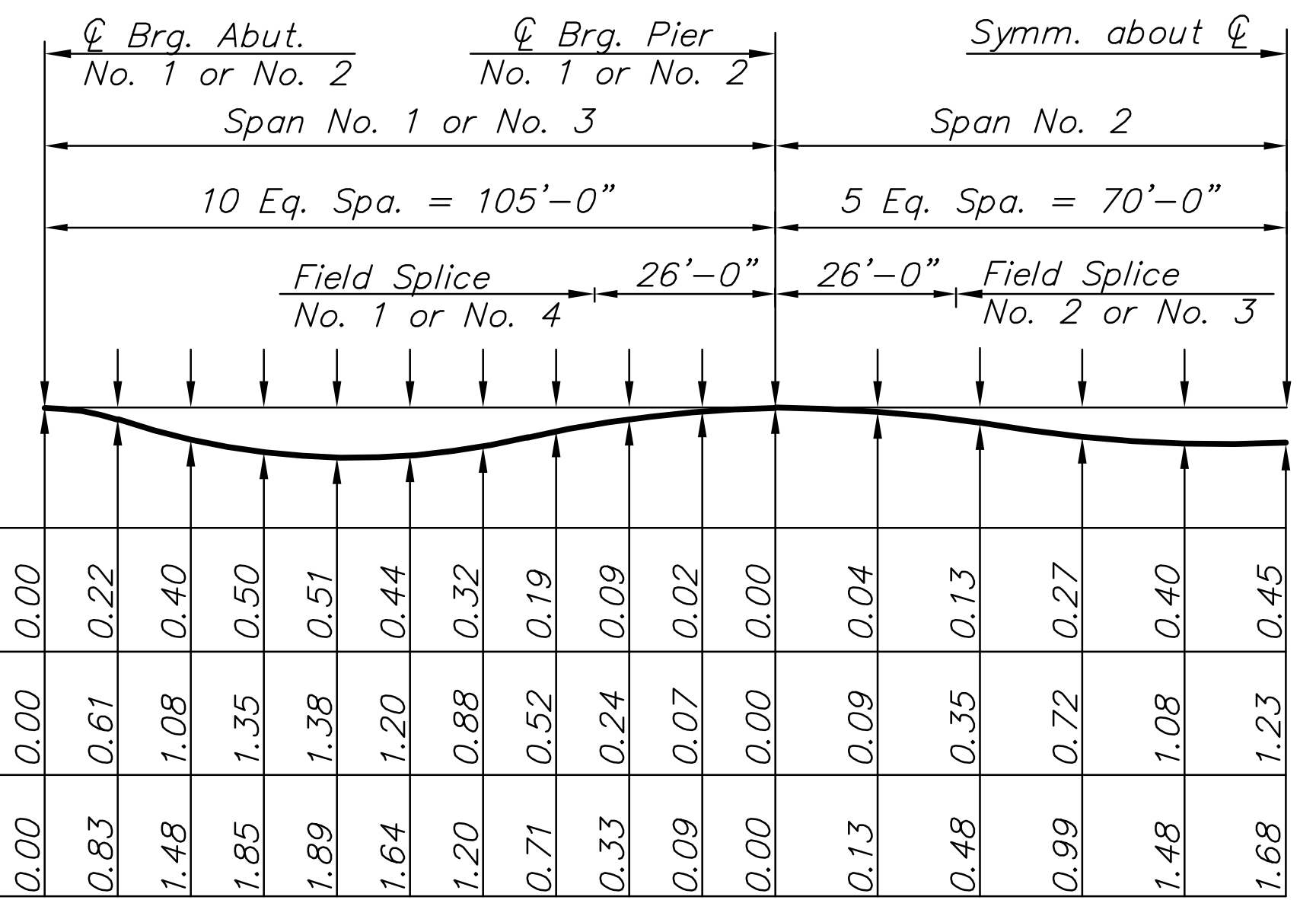
ISSUED
1/24/2011
REVISED

SHEET NO.
61 of 169

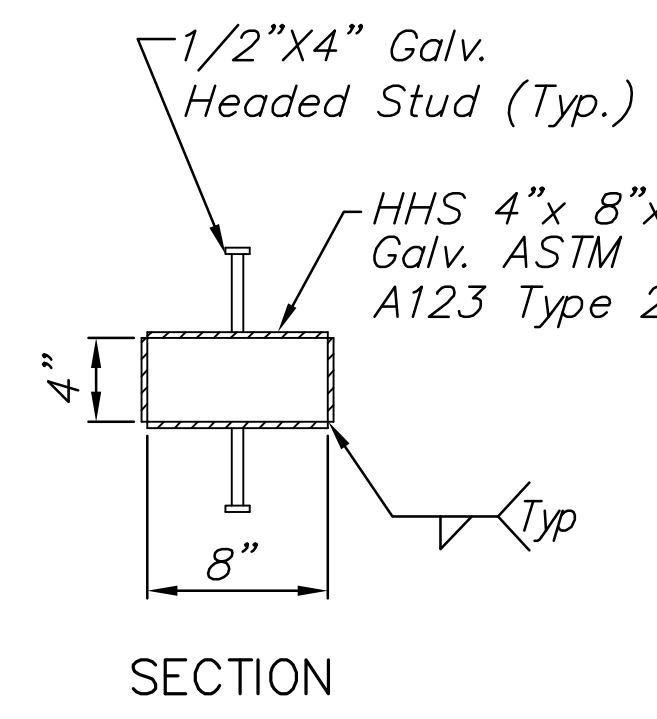
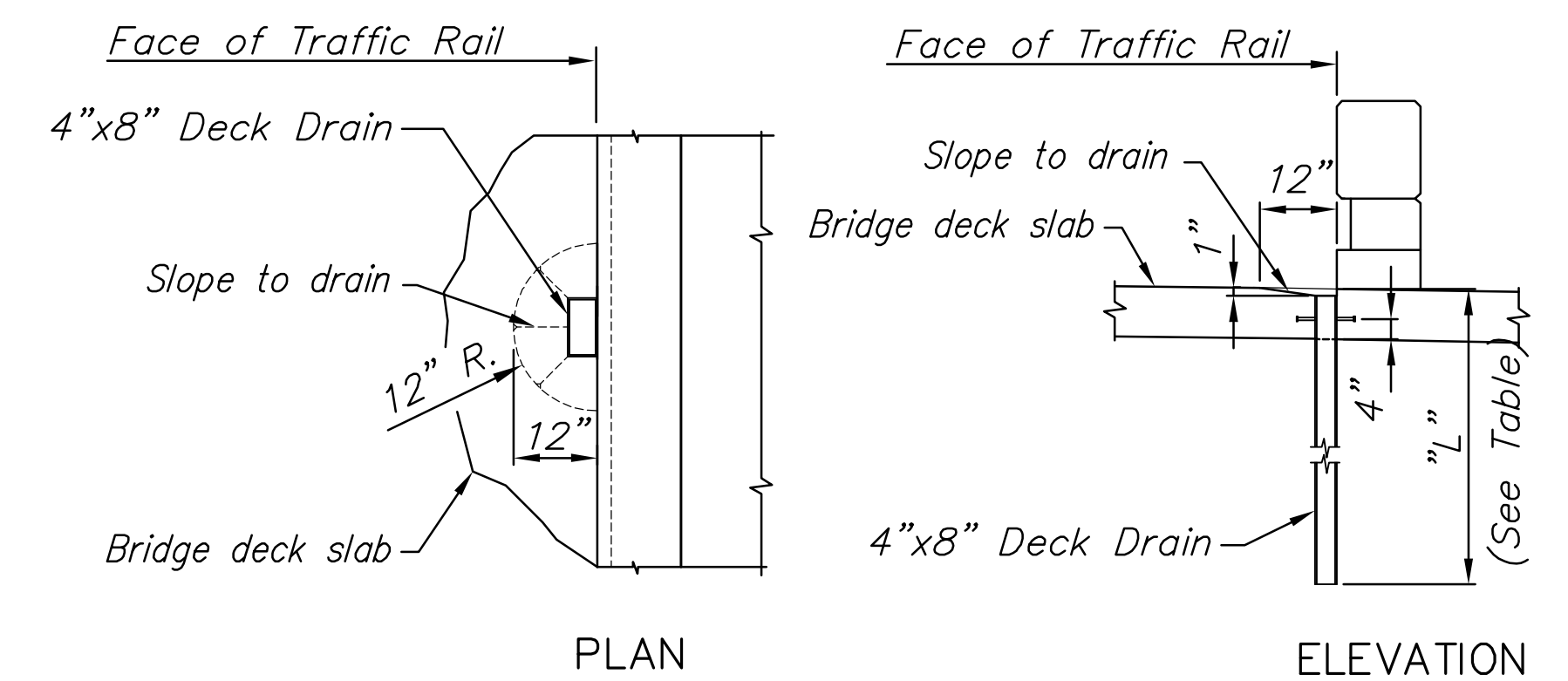
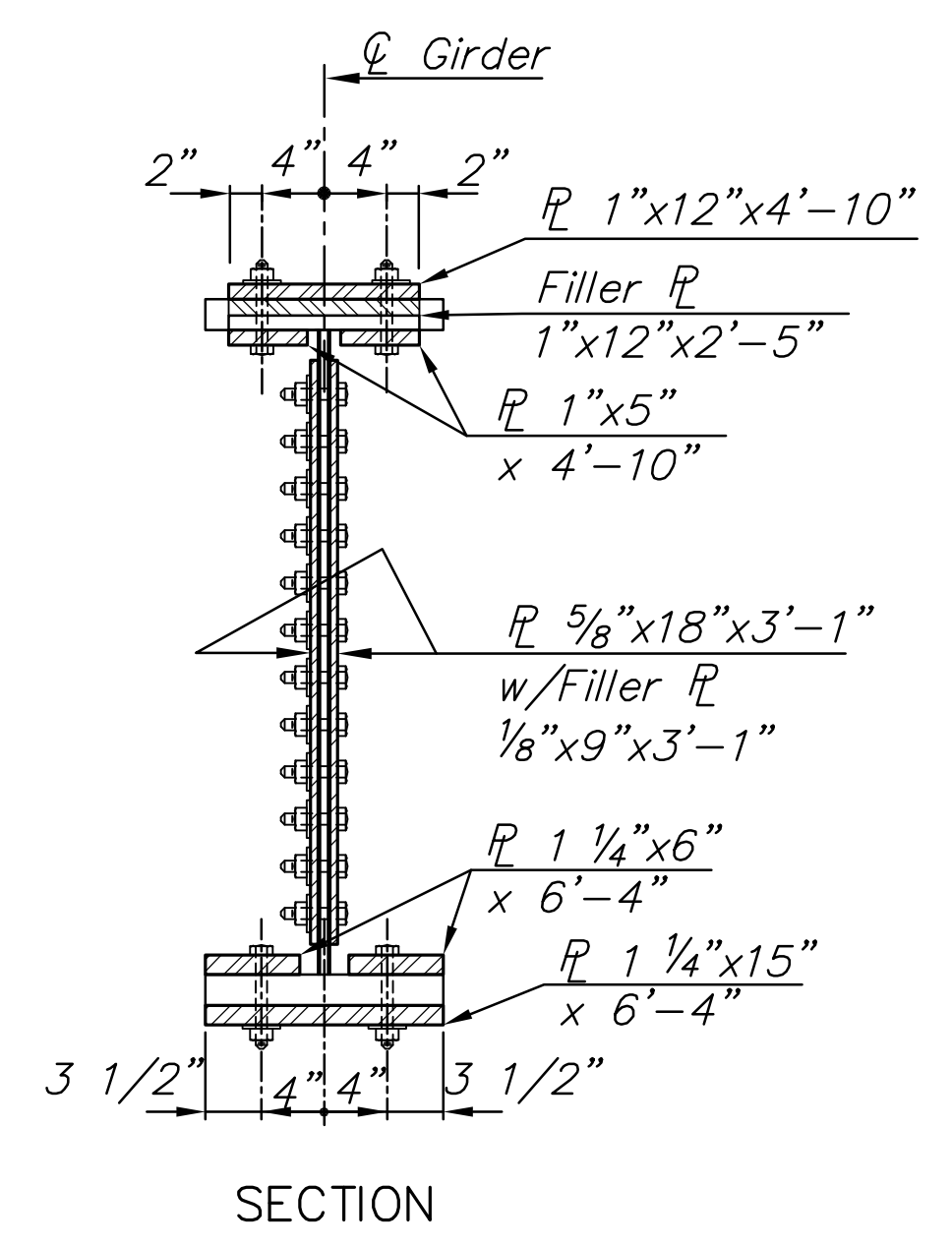
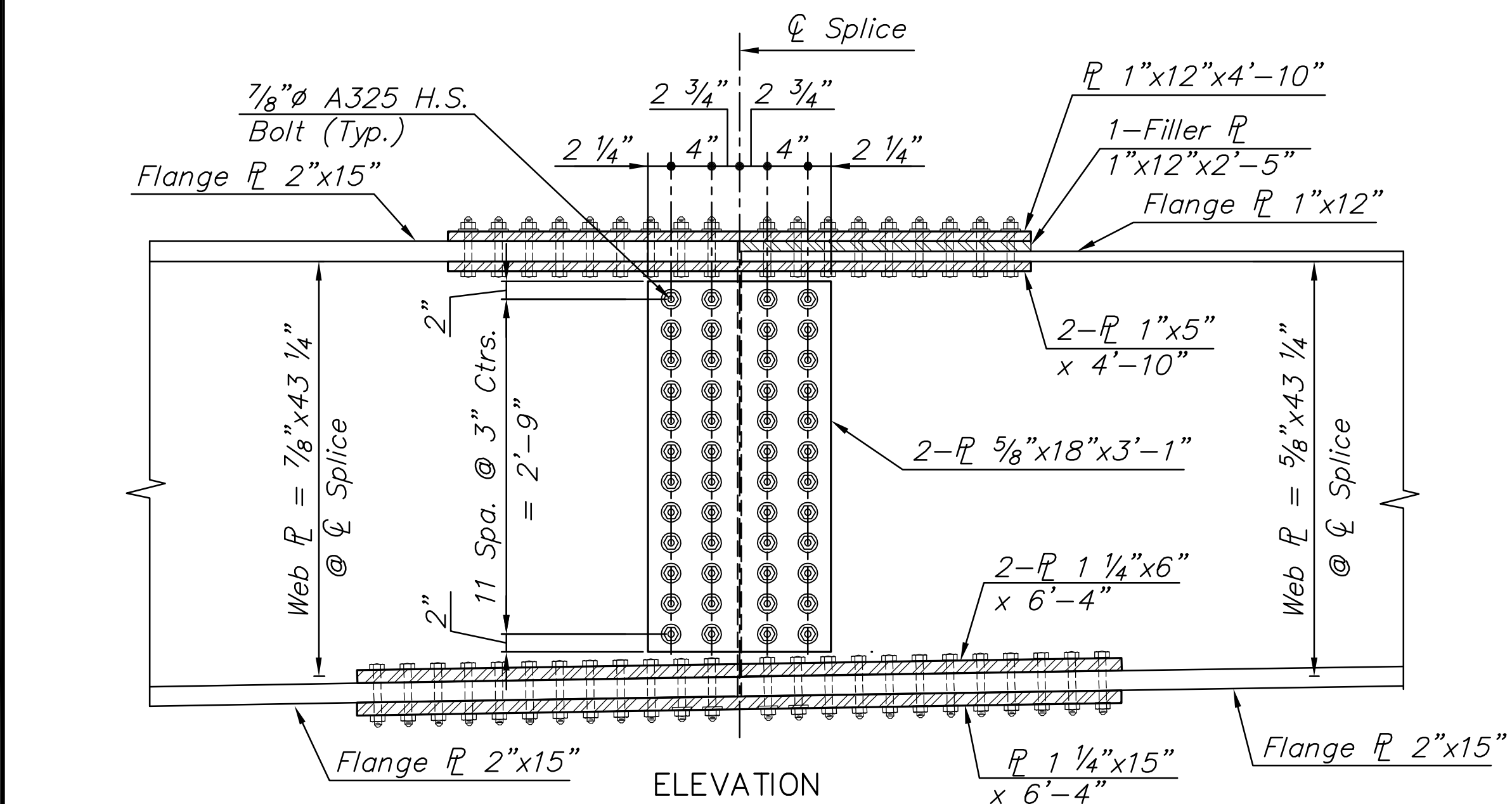


DEAD LOAD CAMBER AT FIELD SPLICE (INCHES)

Field Splice	Steel	Concrete	TOTAL
No. 1	0.14	0.37	0.51
No. 2	0.12	0.31	0.43
No. 3	0.12	0.31	0.43
No. 4	0.14	0.37	0.51



	0.00	0.22	0.40	0.50	0.51	0.44	0.32	0.19	0.09	0.02	0.00	0.04	0.13	0.27	0.40	0.45
Dead Load (Steel)	0.00	0.22	0.40	0.50	0.51	0.44	0.32	0.19	0.09	0.02	0.00	0.04	0.13	0.27	0.40	0.45
Dead Load (Concrete)	0.00	0.61	1.08	1.35	1.38	1.20	0.88	0.52	0.24	0.07	0.00	0.09	0.35	0.72	1.08	1.23
Total Dead Load (Steel + Concrete)	0.00	0.83	1.48	1.85	1.89	1.64	1.20	0.71	0.33	0.09	0.00	0.13	0.48	0.99	1.48	1.68



Deck drains shall be paid as "Bridge Drainage System", Lbs. See Sh. 63 for deck drain location.

Splay reinforcing as required to clear deck drain.

DECK DRAIN DETAIL

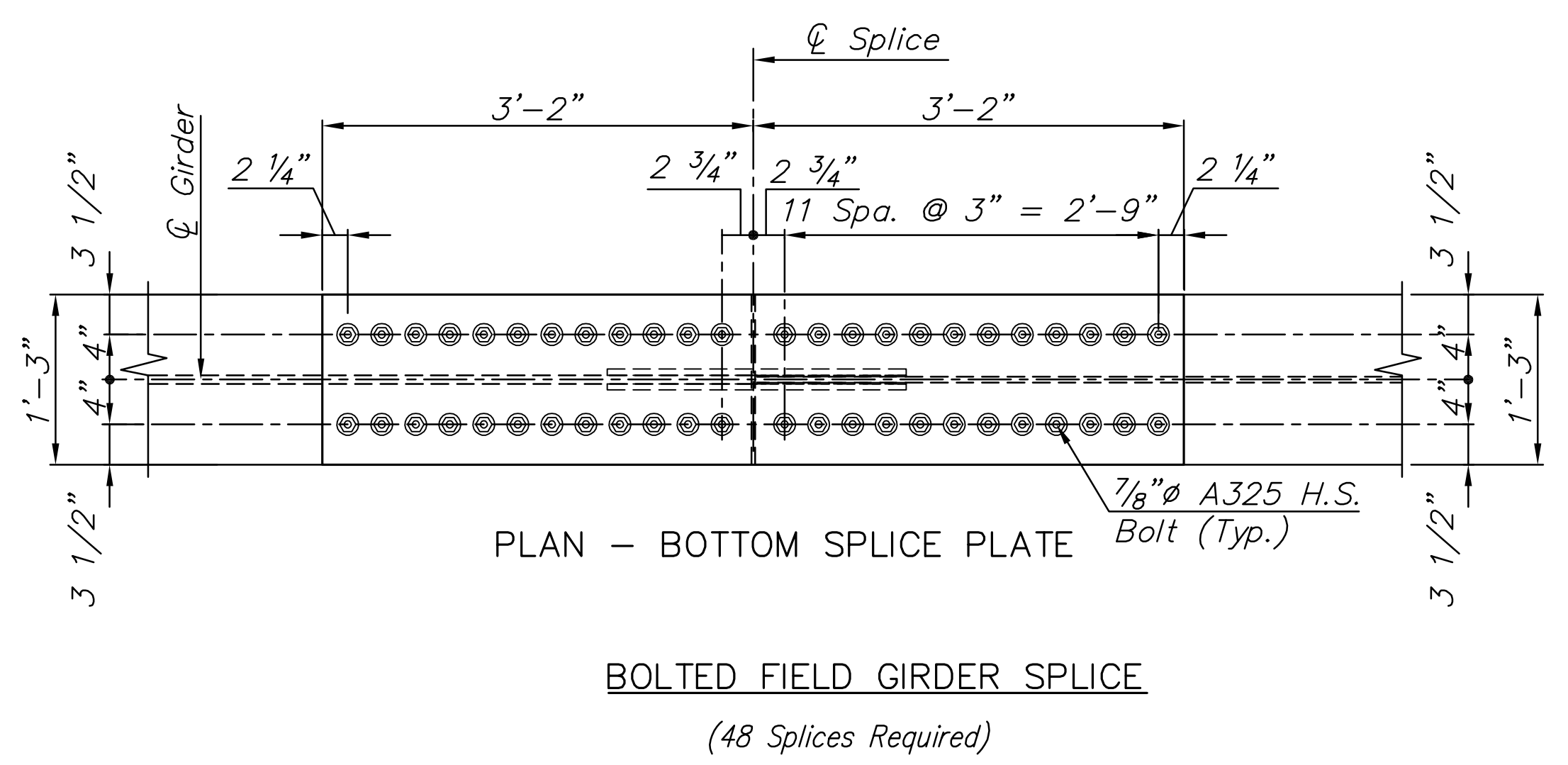
DECK DRAIN QUANTITIES

Type	No.	Weight (Each) Lbs.	Length "L"
A	14	93	4'-10"
B	8	96	5'-0"
C	8	100	5'-3"
D	8	108	5'-8"
E	8	116	6'-1"
F	8	127	6'-8"

GIRDER FIELD SPLICE ELEVATION *

GIRDER	FIELD SPLICE NO.			
	No. 1	No. 2	No. 3	No. 4
'A'	1297.83	1298.37	1298.37	1297.83
'B'	1297.95	1298.49	1298.49	1297.95
'C'	1298.07	1298.60	1298.60	1298.07
'D'	1298.19	1298.72	1298.72	1298.19
'E'	1298.31	1298.84	1298.84	1298.31
'F'	1298.43	1298.96	1298.96	1298.43
'G'	1298.43	1298.96	1298.96	1298.43
'H'	1298.31	1298.84	1298.84	1298.31
'I'	1298.19	1298.72	1298.72	1298.19
'J'	1298.07	1298.60	1298.60	1298.07
'K'	1297.95	1298.49	1298.49	1297.95
'L'	1297.83	1298.37	1298.37	1297.83

* Elevations are at the top of splice plates and include the theoretical camber before deck pour. Elevations are computed by subtracting 7 3/4" from slab elevation



Provide 7/8"Ø bolts with a 15/16"Ø bolt hole for all field splice, connections. All bolts, nuts and washers for field splice connections shall conform to the heavy hex structural requirements of ASTM A325 Type 3, unless otherwise noted.

For Field Splice Location See Sheet No. 59.

Blast clean all connecting surfaces prior to installing field splice.