

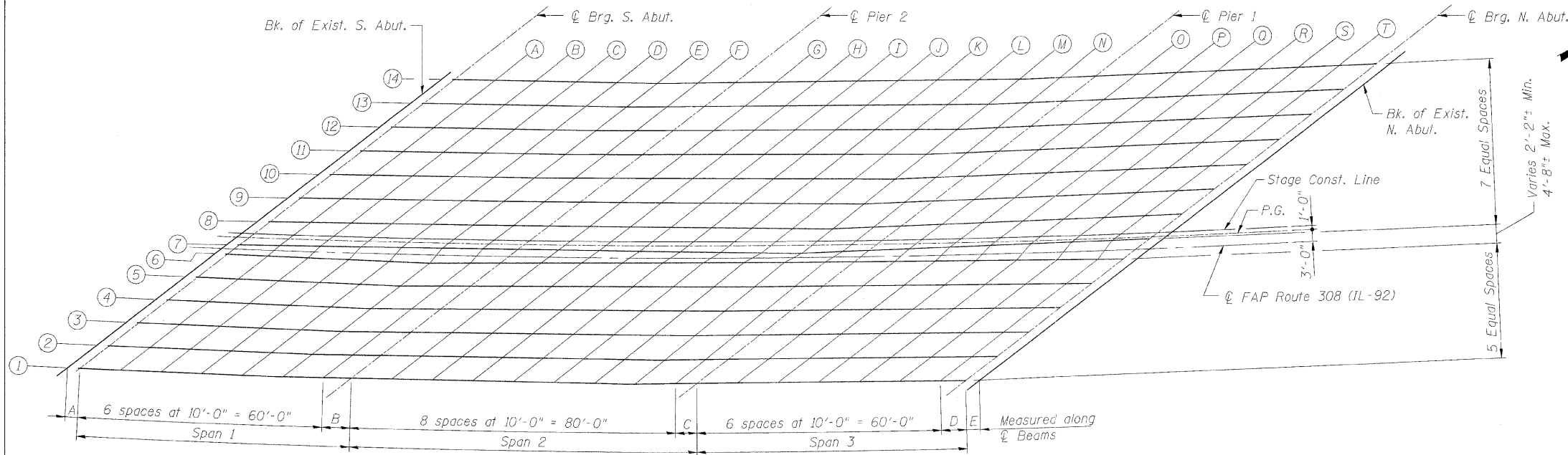
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
F.A.P. 308	*	ROCK ISLAND	210	119	32 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #64814 * (1HB, HB-1, VB, HB-2)R

TABLE OF END DIMENSIONS

Beam	A	B	C	D	E
1	3'-1"±	6'-11"±	5'-3"±	6'-3"±	3'-4"±
2	3'-1"±	7'-0"±	5'-8"±	6'-3"±	3'-4"±
3	3'-1"±	7'-1"±	6'-1"±	6'-3"±	3'-4"±
4	3'-1"±	7'-2"±	6'-5"±	6'-3"±	3'-4"±
5	3'-1"±	7'-4"±	6'-10"±	6'-3"±	3'-4"±
6	3'-1"±	7'-5"±	7'-3"±	6'-3"±	3'-4"±
7	3'-2"±	8'-9"±	6'-6"±	9'-2"±	3'-6"±
8	3'-2"±	8'-10"±	6'-10"±	9'-2"±	3'-6"±
9	3'-2"±	8'-11"±	7'-2"±	9'-2"±	3'-6"±
10	3'-2"±	9'-0"±	7'-6"±	9'-2"±	3'-6"±
11	3'-2"±	9'-1"±	7'-10"±	9'-2"±	3'-6"±
12	3'-2"±	9'-2"±	8'-2"±	9'-2"±	3'-6"±
13	3'-2"±	9'-3"±	8'-6"±	9'-2"±	3'-6"±
14	3'-2"±	9'-4"±	8'-10"±	9'-2"±	3'-6"±

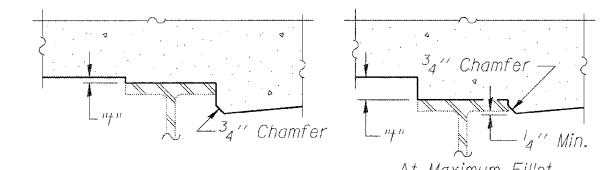


BEAM 14

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. Exist. S. Abut.	1506+47.40	-43.23	591.19	591.19
☉ Brg. S. Abut.	1506+50.62	-43.24	591.23	591.23
A	1506+60.77	-43.26	591.36	591.38
B	1506+70.92	-43.25	591.48	591.51
C	1506+81.08	-43.20	591.58	591.62
D	1506+91.23	-43.12	591.68	591.71
E	1507+01.38	-42.99	591.77	591.78
F	1507+11.53	-43.07	591.83	591.84
☉ Pier 2	1507+20.97	-43.16	591.89	591.89
G	1507+31.12	-43.21	591.93	591.94
H	1507+41.28	-43.23	591.97	591.99
I	1507+51.43	-43.22	591.99	592.03
J	1507+61.58	-43.17	592.00	592.05
K	1507+71.74	-43.08	592.00	592.05
L	1507+81.89	-42.96	591.99	592.03
M	1507+92.04	-42.80	591.97	591.99
N	1508+02.19	-42.88	591.93	591.93
☉ Pier 1	1508+11.15	-42.95	591.88	591.88
O	1508+21.31	-42.99	591.82	591.83
P	1508+31.46	-43.00	591.75	591.76
Q	1508+41.61	-42.97	591.66	591.69
R	1508+51.76	-42.91	591.57	591.60
S	1508+61.92	-42.81	591.46	591.49
T	1508+72.07	-42.68	591.34	591.36
☉ Brg. N. Abut.	1508+81.41	-42.52	591.23	591.23
Bk. Exist. N. Abut.	1508+84.97	-42.46	591.18	591.18

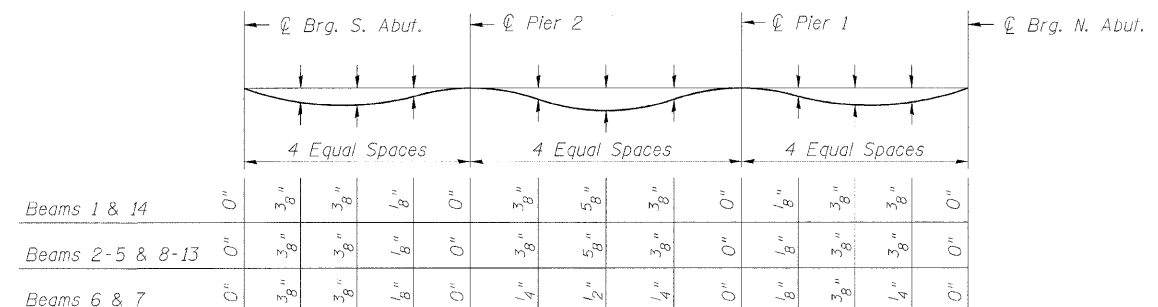
BEAM 13

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. Exist. S. Abut.	1506+39.86	-37.25	591.20	591.20
☉ Brg. S. Abut.	1506+43.07	-37.28	591.24	591.24
A	1506+53.21	-37.32	591.38	591.40
B	1506+63.34	-37.34	591.51	591.54
C	1506+73.47	-37.31	591.62	591.66
D	1506+83.60	-37.26	591.73	591.76
E	1506+93.73	-37.16	591.82	591.84
F	1507+03.86	-37.24	591.90	591.90
☉ Pier 2	1507+13.20	-37.31	591.96	591.96
G	1507+23.33	-37.36	592.01	592.02
H	1507+33.46	-37.37	592.06	592.08
I	1507+43.59	-37.35	592.09	592.13
J	1507+53.72	-37.29	592.11	592.16
K	1507+63.86	-37.19	592.12	592.17
L	1507+73.99	-37.06	592.12	592.16
M	1507+84.12	-36.90	592.11	592.13
N	1507+94.25	-37.01	592.08	592.08
☉ Pier 1	1508+02.85	-37.10	592.04	592.04
O	1508+12.98	-37.17	591.99	591.99
P	1508+23.11	-37.21	591.93	591.94
Q	1508+33.24	-37.21	591.85	591.88
R	1508+43.37	-37.18	591.76	591.80
S	1508+53.51	-37.11	591.67	591.70
T	1508+63.64	-37.00	591.56	591.58
☉ Brg. N. Abut.	1508+72.96	-36.88	591.45	591.45
Bk. Exist. N. Abut.	1508+76.52	-36.82	591.40	591.40



To determine "t": After the existing concrete deck has been removed, elevations of the top flanges of the beams shall be taken at intervals shown herein. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown herein, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



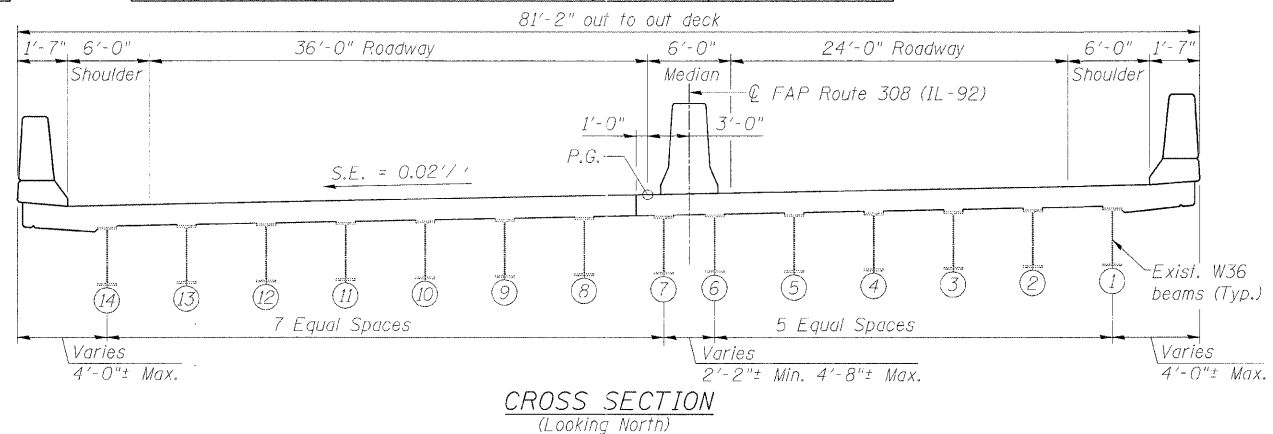
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" as shown on this sheet and Sheet Nos. 5 thru 7.

NOTES

1. Work this Sheet with Sheet Nos. 5 thru 7.
2. Offsets are taken from ☉ FAP Route 308 (IL-92).



CROSS SECTION
(Looking North)

DESIGNED	AMK
CHECKED	CMM
DRAWN	EF
CHECKED	RWC

LOCHNER
H.W. LOCHNER, INC., CHICAGO, ILLINOIS

TOP OF SLAB ELEVATIONS 1
IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
OVER IAS RAILROAD
FAP ROUTE 308 SEC. 1(VB)R
ROCK ISLAND COUNTY
STATION 1507+04.10
STRUCTURE NO. 081-0064