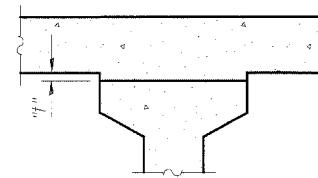


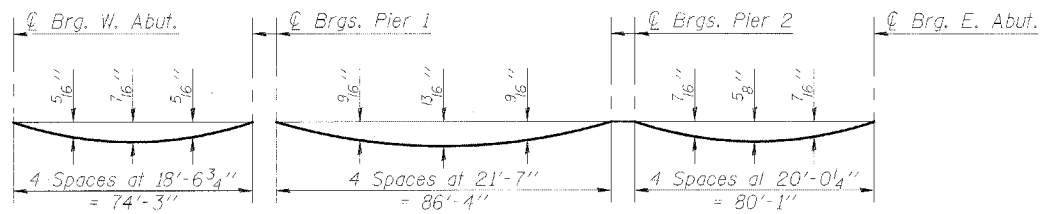
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	IS/RS SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	203
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
36 SHEETS

Contract #68206



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheets 6 and 7 of 36.

To determine "f": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS

BEAM 1					BEAM 2					BEAM 3				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	1430+27.82	-57.333	542.960	542.960	BK. W. ABUT.	1430+33.98	-50.000	543.144	543.144	BK. W. ABUT.	1430+40.13	-42.667	543.295	543.295
⊙ BRG. W. ABUT.	1430+32.50	-57.333	542.984	542.984	⊙ BRG. W. ABUT.	1430+38.65	-50.000	543.167	543.167	⊙ BRG. W. ABUT.	1430+44.81	-42.667	543.318	543.318
A	1430+42.50	-57.333	543.034	543.050	A	1430+48.65	-50.000	543.217	543.233	A	1430+54.81	-42.667	543.368	543.383
B	1430+52.50	-57.333	543.084	543.113	B	1430+58.65	-50.000	543.267	543.295	B	1430+64.81	-42.667	543.418	543.446
C	1430+62.50	-57.333	543.134	543.170	C	1430+68.65	-50.000	543.317	543.353	C	1430+74.81	-42.667	543.468	543.503
D	1430+72.50	-57.333	543.184	543.222	D	1430+78.65	-50.000	543.367	543.404	D	1430+84.81	-42.667	543.518	543.554
E	1430+82.50	-57.333	543.234	543.266	E	1430+88.65	-50.000	543.417	543.449	E	1430+94.81	-42.667	543.568	543.599
F	1430+92.50	-57.333	543.284	543.305	F	1430+98.65	-50.000	543.467	543.488	F	1431+04.81	-42.667	543.618	543.639
⊙ BRG. PIER 1	1431+06.75	-57.333	543.355	543.355	⊙ BRG. PIER 1	1431+12.90	-50.000	543.539	543.539	⊙ BRG. PIER 1	1431+19.06	-42.667	543.689	543.689
⊙ PIER 1	1431+07.50	-57.333	543.359	543.359	⊙ PIER 1	1431+13.65	-50.000	543.542	543.542	⊙ PIER 1	1431+19.81	-42.667	543.693	543.693
⊙ BRG. PIER 1	1431+08.25	-57.333	543.363	543.363	⊙ BRG. PIER 1	1431+14.40	-50.000	543.546	543.546	⊙ BRG. PIER 1	1431+20.56	-42.667	543.697	543.697
G	1431+18.25	-57.333	543.413	543.438	G	1431+24.40	-50.000	543.596	543.621	G	1431+30.56	-42.667	543.747	543.771
H	1431+28.25	-57.333	543.463	543.509	H	1431+34.40	-50.000	543.646	543.691	H	1431+40.56	-42.667	543.797	543.842
I	1431+38.25	-57.333	543.513	543.574	I	1431+44.40	-50.000	543.696	543.756	I	1431+50.56	-42.667	543.847	543.907
J	1431+48.25	-57.333	543.563	543.632	J	1431+54.40	-50.000	543.746	543.813	J	1431+60.56	-42.667	543.897	543.964
K	1431+58.25	-57.333	543.613	543.680	K	1431+64.40	-50.000	543.796	543.861	K	1431+70.56	-42.667	543.947	544.012
L	1431+68.25	-57.333	543.663	543.719	L	1431+74.40	-50.000	543.846	543.901	L	1431+80.56	-42.667	543.997	544.052
M	1431+78.25	-57.333	543.713	543.751	M	1431+84.40	-50.000	543.896	543.934	M	1431+90.56	-42.667	544.047	544.084
N	1431+88.25	-57.333	543.763	543.778	N	1431+94.40	-50.000	543.946	543.961	N	1432+00.56	-42.667	544.097	544.111
⊙ BRG. PIER 2	1431+94.58	-57.333	543.794	543.794	⊙ BRG. PIER 2	1432+00.74	-50.000	543.978	543.978	⊙ BRG. PIER 2	1432+06.89	-42.667	544.128	544.128
⊙ PIER 2	1431+95.50	-57.333	543.799	543.799	⊙ PIER 2	1432+01.65	-50.000	543.982	543.982	⊙ PIER 2	1432+07.81	-42.667	544.133	544.133
⊙ BRG. PIER 2	1431+96.42	-57.333	543.803	543.803	⊙ BRG. PIER 2	1432+02.57	-50.000	543.987	543.987	⊙ BRG. PIER 2	1432+08.72	-42.667	544.138	544.138
O	1432+06.42	-57.333	543.853	543.873	O	1432+12.57	-50.000	544.037	544.056	O	1432+18.72	-42.667	544.188	544.207
P	1432+16.42	-57.333	543.903	543.940	P	1432+22.57	-50.000	544.087	544.123	P	1432+28.72	-42.667	544.238	544.273
Q	1432+26.42	-57.333	543.953	544.001	Q	1432+32.57	-50.000	544.137	544.183	Q	1432+38.72	-42.667	544.288	544.334
R	1432+36.42	-57.333	544.003	544.055	R	1432+42.57	-50.000	544.187	544.237	R	1432+48.72	-42.667	544.338	544.387
S	1432+46.42	-57.333	544.053	544.101	S	1432+52.57	-50.000	544.237	544.283	S	1432+58.72	-42.667	544.388	544.434
T	1432+56.42	-57.333	544.103	544.140	T	1432+62.57	-50.000	544.287	544.322	T	1432+68.72	-42.667	544.438	544.473
U	1432+66.42	-57.333	544.153	544.173	U	1432+72.57	-50.000	544.337	544.356	U	1432+78.72	-42.667	544.488	544.506
⊙ BRG. E. ABUT.	1432+76.50	-57.333	544.204	544.204	⊙ BRG. E. ABUT.	1432+82.65	-50.000	544.387	544.387	⊙ BRG. E. ABUT.	1432+88.81	-42.667	544.538	544.538
BK. E. ABUT.	1432+81.18	-57.333	544.227	544.227	BK. E. ABUT.	1432+87.33	-50.000	544.411	544.411	BK. E. ABUT.	1432+93.48	-42.667	544.561	544.561

Note:
Offsets are based off of ⊙ F.A.P. Rte. 315.

DESIGNED	KLH
CHECKED	EML
DRAWN	KBF/EML
CHECKED	KLH

HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS

DECK ELEVATIONS
ILLINOIS ROUTE 336 OVER
EAST FORK OF THE LAMOINE RIVER
F.A.P. ROUTE 315 - SECTION 34-6, 55-1
HANCOCK COUNTY; STA. 1432+02.61
STRUCTURE NO. 034-0511 (E.B.)
STRUCTURE NO. 034-0512 (W.B.)