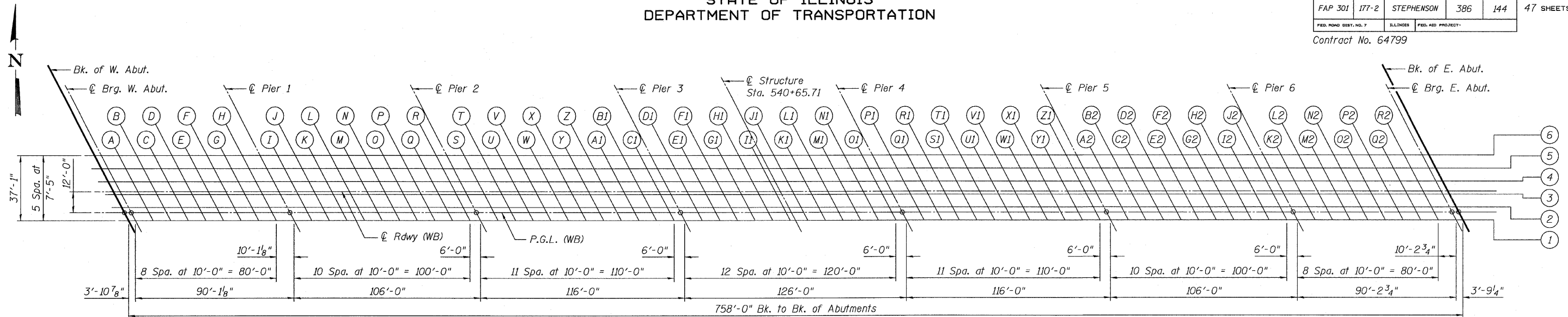


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	177-2	STEPHENSON	386	144
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract No. 64799



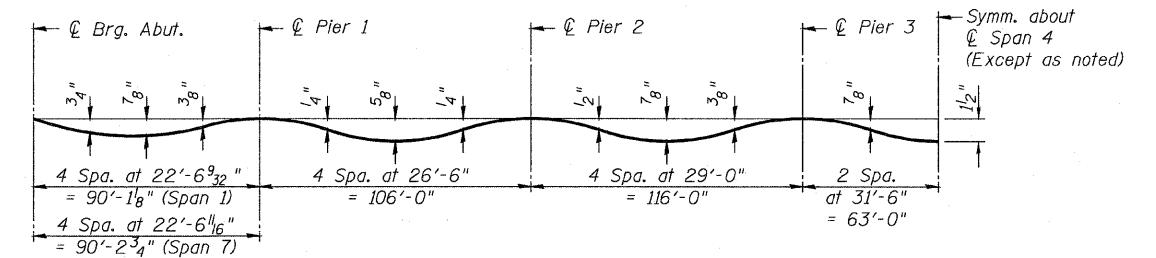
PLAN

GIRDER NO. 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	536+89.074	4.542	774.998	774.998
CL. Brg. W. Abut.	536+92.978	4.542	775.047	775.047
A	537+02.978	4.542	775.173	775.203
B	537+12.978	4.542	775.295	775.349
C	537+22.978	4.542	775.414	775.483
D	537+32.978	4.542	775.530	775.602
E	537+42.978	4.542	775.642	775.707
F	537+52.978	4.542	775.750	775.800
G	537+62.978	4.542	775.855	775.885
H	537+72.978	4.542	775.957	775.968
CL. Pier 1	537+83.074	4.542	776.055	776.055
I	537+93.074	4.542	776.150	776.153
J	538+03.074	4.542	776.240	776.256
K	538+13.074	4.542	776.328	776.357
L	538+23.074	4.542	776.411	776.453
M	538+33.074	4.542	776.491	776.539
N	538+43.074	4.542	776.568	776.613
O	538+53.074	4.542	776.641	776.678
P	538+63.074	4.542	776.710	776.734
Q	538+73.074	4.542	776.776	776.787
R	538+83.074	4.542	776.838	776.840
CL. Pier 2	538+89.074	4.542	776.874	776.874
S	538+99.074	4.542	776.930	776.941
T	539+09.074	4.542	776.983	777.012
U	539+19.074	4.542	777.033	777.081
V	539+29.074	4.542	777.079	777.144
W	539+39.074	4.542	777.121	777.195
X	539+49.074	4.542	777.160	777.235
Y	539+59.074	4.542	777.195	777.262
Z	539+69.074	4.542	777.227	777.277
A1	539+79.074	4.542	777.255	777.285
B1	539+89.074	4.542	777.280	777.293
C1	539+99.074	4.542	777.301	777.304
CL. Pier 3	540+05.074	4.542	777.312	777.312
D1	540+15.074	4.542	777.327	777.342
E1	540+25.074	4.542	777.339	777.376
F1	540+35.074	4.542	777.348	777.411
G1	540+45.074	4.542	777.352	777.442
H1	540+55.074	4.542	777.354	777.464
I1	540+65.074	4.542	777.351	777.469
J1	540+75.074	4.542	777.345	777.460

GIRDER NO. 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
K1	540+85.074	4.542	777.336	777.437
L1	540+95.074	4.542	777.323	777.403
M1	541+05.074	4.542	777.307	777.359
N1	541+15.074	4.542	777.286	777.313
O1	541+25.074	4.542	777.263	777.271
CL. Pier 4	541+31.074	4.542	777.247	777.247
P1	541+41.074	4.542	777.218	777.222
Q1	541+51.074	4.542	777.185	777.204
R1	541+61.074	4.542	777.148	777.187
S1	541+71.074	4.542	777.108	777.165
T1	541+81.074	4.542	777.065	777.135
U1	541+91.074	4.542	777.018	777.094
V1	542+01.074	4.542	776.967	777.040
W1	542+11.074	4.542	776.913	776.973
X1	542+21.074	4.542	776.855	776.896
Y1	542+31.074	4.542	776.794	776.815
Z1	542+41.074	4.542	776.729	776.736
CL. Pier 5	542+47.074	4.542	776.689	776.689
A2	542+57.074	4.542	776.618	776.622
B2	542+67.074	4.542	776.544	776.560
C2	542+77.074	4.542	776.467	776.497
D2	542+87.074	4.542	776.386	776.427
E2	542+97.074	4.542	776.301	776.348
F2	543+07.074	4.542	776.213	776.258
G2	543+17.074	4.542	776.121	776.158
H2	543+27.074	4.542	776.025	776.049
I2	543+37.074	4.542	775.927	775.937
J2	543+47.074	4.542	775.824	775.826
CL. Pier 6	543+53.074	4.542	775.761	775.761
K2	543+63.074	4.542	775.653	775.664
L2	543+73.074	4.542	775.541	775.571
M2	543+83.074	4.542	775.426	775.476
N2	543+93.074	4.542	775.307	775.373
O2	544+03.074	4.542	775.185	775.258
P2	544+13.074	4.542	775.059	775.129
Q2	544+23.074	4.542	774.930	774.984
R2	544+33.074	4.542	774.797	774.827
CL. Brg. E. Abut.	544+43.304	4.542	774.657	774.657
Bk. E. Abut.	544+47.074	4.542	774.605	774.605

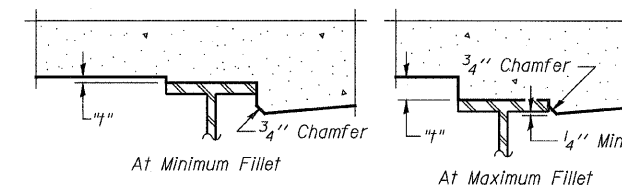


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all structural steel has 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 Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

Note:

1. Work this sheet with Sheet Nos. 5, 6, 7, & 8.

DESIGNED	S.CHELBIAN
CHECKED	J.BRISBOIS
DRAWN	S.CHELBIAN
CHECKED	J.GRAINAWI

TOP OF SLAB ELEVATION LAYOUT
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082

