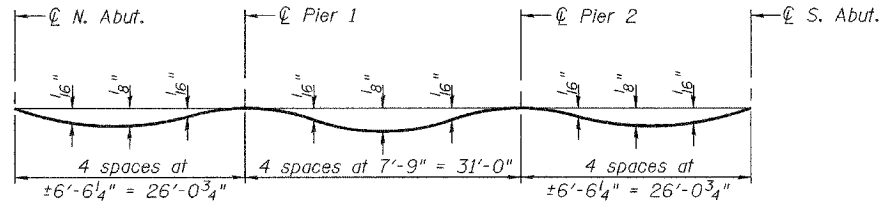


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 5 14 SHEETS
F.A.P. 669	11BR-2	TAZEWELL	442	260	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #88804



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Notes: 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.

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk N Abut.	27556.299	38.000	464.928	464.928
☉ N Abut.	27557.739	38.000	464.930	464.930
A	27567.739	38.000	464.941	464.949
B	27577.739	38.000	464.943	464.946
☉ Pier 1	27583.799	38.000	464.939	464.939
C	27593.799	38.000	464.926	464.931
D	27603.799	38.000	464.904	464.909
☉ Pier 2	27614.799	38.000	464.869	464.869
E	27624.799	38.000	464.827	464.833
F	27634.799	38.000	464.776	464.783
☉ S Abut.	27640.859	38.000	464.740	464.740
Bk S Abut.	27642.299	38.000	464.732	464.732

☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk N Abut.	27534.360	0.000	465.628	465.628
☉ N Abut.	27535.800	0.000	465.633	465.633
A	27545.800	0.000	465.665	465.673
B	27555.800	0.000	465.687	465.690
☉ Pier 1	27561.860	0.000	465.696	465.696
C	27571.860	0.000	465.703	465.708
D	27581.860	0.000	465.701	465.706
☉ Pier 2	27592.860	0.000	465.688	465.688
E	27602.860	0.000	465.667	465.673
F	27612.860	0.000	465.636	465.643
☉ S Abut.	27618.920	0.000	465.613	465.613
Bk S Abut.	27620.360	0.000	465.607	465.607

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk N Abut.	27535.226	1.500	465.601	465.601
☉ N Abut.	27536.666	1.500	465.606	465.606
A	27546.666	1.500	465.637	465.645
B	27556.666	1.500	465.658	465.661
☉ Pier 1	27562.726	1.500	465.667	465.667
C	27572.726	1.500	465.673	465.678
D	27582.726	1.500	465.670	465.675
☉ Pier 2	27593.726	1.500	465.657	465.657
E	27603.726	1.500	465.634	465.640
F	27613.726	1.500	465.603	465.610
☉ S Abut.	27619.786	1.500	465.579	465.579
Bk S Abut.	27621.226	1.500	465.573	465.573

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk N Abut.	27512.421	-38.000	464.764	464.764
☉ N Abut.	27513.861	-38.000	464.772	464.772
A	27523.861	-38.000	464.824	464.832
B	27533.861	-38.000	464.866	464.869
☉ Pier 1	27539.921	-38.000	464.887	464.887
C	27549.921	-38.000	464.915	464.920
D	27559.921	-38.000	464.933	464.938
☉ Pier 2	27570.921	-38.000	464.943	464.943
E	27580.921	-38.000	464.942	464.948
F	27590.921	-38.000	464.931	464.938
☉ S Abut.	27596.981	-38.000	464.920	464.920
Bk S Abut.	27598.421	-38.000	464.917	464.917

DESIGNED	Phillip E. Coppernoll
CHECKED	Roy Ahanchi
DRAWN	Amber M. Seiber
CHECKED	PEC/GRA

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. ROUTE 669-SEC. 11BR-2
TAZEWELL COUNTY
STATION 275+77.36
STRUCTURE NO. 090-0174