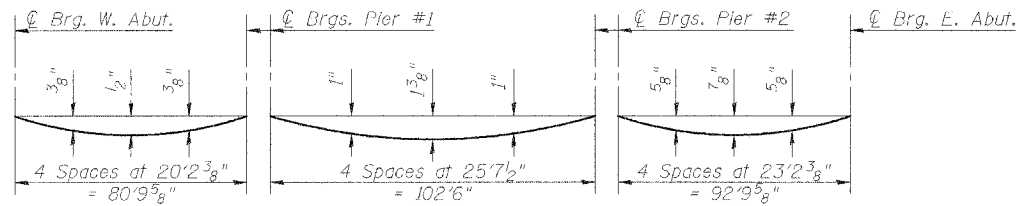


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET	SHEET NO. 5 22 SHEETS
F.A.P. 315	55-2	MCDONOUGH	1025	461	
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT			

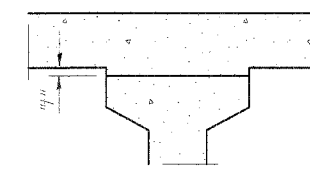
Contract No. 68205



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.



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, and on sht. 6 of 22, minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS

BEAM #1

P.G.

BEAM #2

BEAM #3

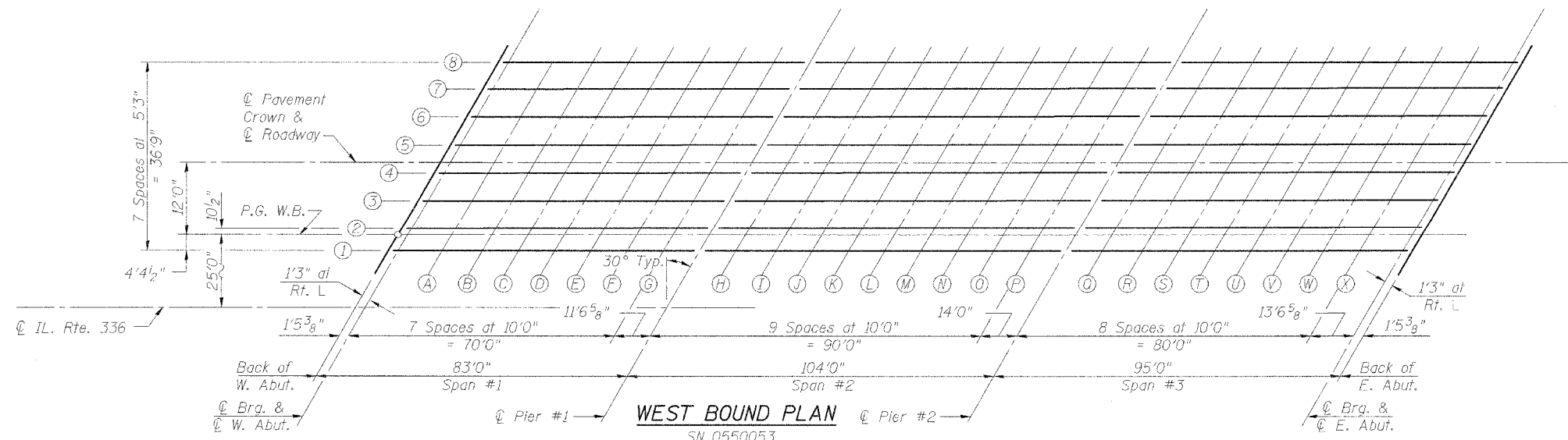
Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	153+63.464	4.375	701.054	701.054
W. Abut.	153+64.907	4.375	701.067	701.067
A	153+74.907	4.375	701.152	701.169
B	153+84.907	4.375	701.235	701.266
C	153+94.907	4.375	701.311	701.356
D	154+04.907	4.375	701.392	701.437
E	154+14.907	4.375	701.466	701.508
F	154+24.907	4.375	701.538	701.571
G	154+34.907	4.375	701.608	701.627
Pier #1	154+46.464	4.375	701.685	701.685
H	154+56.464	4.375	701.749	701.784
I	154+66.464	4.375	701.810	701.876
J	154+76.464	4.375	701.868	701.960
K	154+86.464	4.375	701.924	702.033
L	154+96.464	4.375	701.978	702.094
M	155+06.464	4.375	702.029	702.142
N	155+16.464	4.375	702.077	702.176
O	155+26.464	4.375	702.122	702.200
P	155+36.464	4.375	702.165	702.213
Pier #2	155+50.464	4.375	702.221	702.221
Q	155+60.464	4.375	702.257	702.283
R	155+70.464	4.375	702.291	702.340
S	155+80.464	4.375	702.323	702.389
T	155+90.464	4.375	702.352	702.428
U	156+00.464	4.375	702.378	702.456
V	156+10.464	4.375	702.401	702.473
W	156+20.464	4.375	702.422	702.479
X	156+30.464	4.375	702.441	702.476
E. Abut.	156+44.021	4.375	702.462	702.462
Bk. E. Abut.	156+45.464	4.375	702.463	702.463

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	153+65.990	0	701.167	701.167
W. Abut.	153+67.433	0	701.180	701.180
A	153+77.433	0	701.264	701.282
B	153+87.433	0	701.346	701.378
C	153+97.433	0	701.425	701.467
D	154+07.433	0	701.502	701.547
E	154+17.433	0	701.576	701.618
F	154+27.433	0	701.647	701.680
G	154+37.433	0	701.716	701.735
Pier #1	154+48.990	0	701.792	701.792
H	154+58.990	0	701.856	701.890
I	154+68.990	0	701.916	701.983
J	154+78.990	0	701.974	702.066
K	154+88.990	0	702.029	702.138
L	154+98.990	0	702.082	702.198
M	155+08.990	0	702.132	702.245
N	155+18.990	0	702.180	702.279
O	155+28.990	0	702.224	702.302
P	155+38.990	0	702.267	702.315
Pier #2	155+52.990	0	702.321	702.321
Q	155+62.990	0	702.357	702.383
R	155+72.990	0	702.391	702.439
S	155+82.990	0	702.422	702.487
T	155+92.990	0	702.450	702.526
U	156+02.990	0	702.475	702.553
V	156+12.990	0	702.498	702.569
W	156+22.990	0	702.518	702.575
X	156+32.990	0	702.536	702.571
E. Abut.	156+46.547	0	702.556	702.556
Bk. E. Abut.	156+47.990	0	702.558	702.558

Location	Station	Offset (Left)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	153+66.495	0.875	701.186	701.186
W. Abut.	153+67.939	0.875	701.198	701.198
A	153+77.939	0.875	701.282	701.300
B	153+87.939	0.875	701.364	701.396
C	153+97.939	0.875	701.443	701.484
D	154+07.939	0.875	701.519	701.564
E	154+17.939	0.875	701.593	701.635
F	154+27.939	0.875	701.665	701.698
G	154+37.939	0.875	701.733	701.752
Pier #1	154+49.495	0.875	701.809	701.809
H	154+59.495	0.875	701.872	701.907
I	154+69.495	0.875	701.933	701.999
J	154+79.495	0.875	701.991	702.082
K	154+89.495	0.875	702.046	702.155
L	154+99.495	0.875	702.098	702.214
M	155+09.495	0.875	702.148	702.261
N	155+19.495	0.875	702.196	702.295
O	155+29.495	0.875	702.240	702.318
P	155+39.495	0.875	702.282	702.330
Pier #2	155+53.495	0.875	702.337	702.337
Q	155+63.495	0.875	702.373	702.398
R	155+73.495	0.875	702.406	702.455
S	155+83.495	0.875	702.437	702.503
T	155+93.495	0.875	702.465	702.541
U	156+03.495	0.875	702.490	702.568
V	156+13.495	0.875	702.513	702.584
W	156+23.495	0.875	702.533	702.590
X	156+33.495	0.875	702.551	702.586
E. Abut.	156+47.052	0.875	702.570	702.570
Bk. E. Abut.	156+48.495	0.875	702.572	702.572

Location	Station	Offset (Left)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	153+69.526	6.125	701.293	701.293
W. Abut.	153+70.970	6.125	701.306	701.306
A	153+80.970	6.125	701.389	701.407
B	153+90.970	6.125	701.470	701.502
C	154+00.970	6.125	701.548	701.590
D	154+10.970	6.125	701.624	701.669
E	154+20.970	6.125	701.697	701.739
F	154+30.970	6.125	701.768	701.801
G	154+40.970	6.125	701.836	701.855
Pier #1	154+52.526	6.125	701.911	701.911
H	154+62.526	6.125	701.973	702.008
I	154+72.526	6.125	702.033	702.099
J	154+82.526	6.125	702.090	702.182
K	154+92.526	6.125	702.144	702.253
L	155+02.526	6.125	702.196	702.312
M	155+12.526	6.125	702.245	702.358
N	155+22.526	6.125	702.291	702.391
O	155+32.526	6.125	702.335	702.413
P	155+42.526	6.125	702.377	702.425
Pier #2	155+56.526	6.125	702.430	702.430
Q	155+66.526	6.125	702.465	702.491
R	155+76.526	6.125	702.498	702.546
S	155+86.526	6.125	702.528	702.593
T	155+96.526	6.125	702.555	702.631
U	156+06.526	6.125	702.579	702.657
V	156+16.526	6.125	702.601	702.673
W	156+26.526	6.125	702.621	702.677
X	156+36.526	6.125	702.638	702.673
E. Abut.	156+50.083	6.125	702.656	702.656
Bk. E. Abut.	156+51.526	6.125	702.658	702.658

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL



WEST BOUND DECK ELEVATIONS
IL. ROUTE 336 OVER
BURLINGTON NORTHERN
SANTA FE RAILROAD
F.A.P. ROUTE 315 SECT. 55-2
MCDONOUGH COUNTY
STATION 154+56.74
STRUCTURE NO. 055-0053 (WB)

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8484
FAX(309)676-5445
IL Design Firm Reg. No. 184-001518