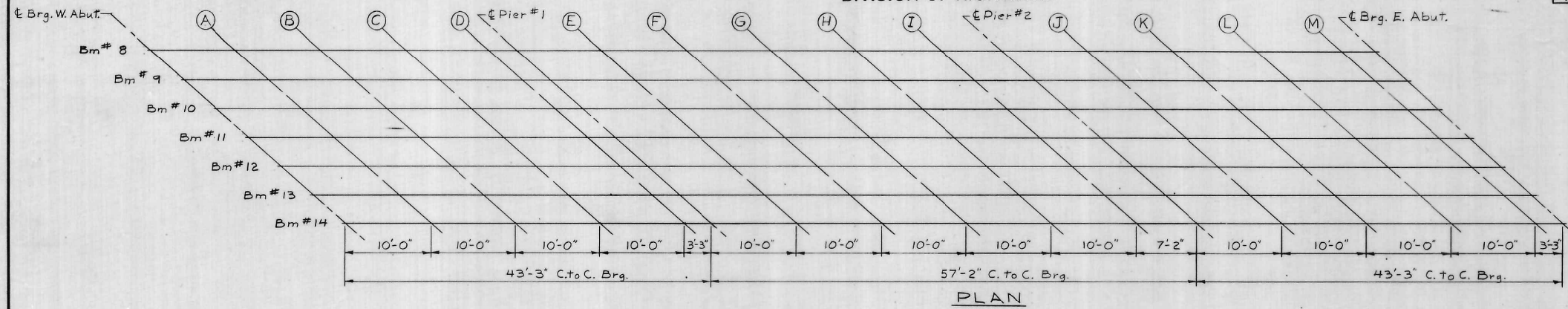


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

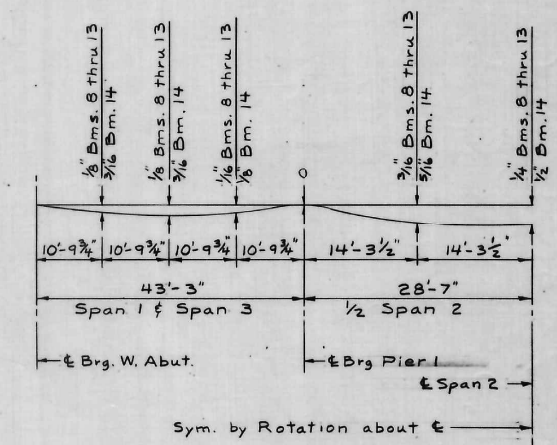
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 4
F.A.S.	06-20-1	Bureau	145	52	13 SHEETS
FED. ROAD DIST. NO. 7	SLURRY	FED. AID PROJECT			



Beam	Station	Offset from ϵ of Rdwy.	Theoretical Grade Elevations	Theor. Grade Elev. Adj. for D.L. Defl.
ϵ Brg. W. Abut.	14	42673.615	21.999	643.394
(A)	14	42683.672	21.991	643.404
(B)	14	42693.730	21.974	643.414
(C)	14	42703.788	21.948	643.424
(D)	14	42713.846	21.914	643.435
ϵ Pier # 1	14	42717.115	21.901	643.438
(E)	14	42727.172	21.855	643.449
(F)	14	42737.230	21.800	643.459
(G)	14	42747.288	21.737	643.470
(H)	14	42757.345	21.665	643.481
(I)	14	42767.402	21.584	643.492
ϵ Pier # 2	14	42774.610	21.520	643.499
(J)	14	42784.667	21.424	643.510
(K)	14	42794.724	21.319	643.522
(L)	14	42804.780	21.206	643.533
(M)	14	42814.837	21.083	643.544
ϵ Brg. E. Abut.	14	42818.105	21.041	643.548

Beam	Station	Offset from ϵ of Rdwy.	Theoretical Grade Elevations	Theor. Grade Elev. Adj. for D.L. Defl.
ϵ Brg. W. Abut.	8	42628.630	-17.072	643.739
(A)	9	42636.106	-10.548	643.682
(B)	10	42643.591	-4.029	643.624
(C)	11	42648.201	.019	643.588
(D)	12	42651.086	2.485	643.556
(E)	13	42658.586	8.994	643.509
(F)	8	42638.654	-17.041	643.749
(G)	9	42646.136	-10.523	643.591
(H)	10	42653.626	-4.010	643.634
(I)	11	42658.239	.005	643.598
(J)	12	42661.125	2.496	643.576
(K)	13	42668.632	8.999	643.519
(L)	8	42648.677	-17.018	643.759
(M)	9	42656.165	-10.507	643.701
(N)	10	42663.661	-4.001	643.644
(O)	11	42668.278	.000	643.608
(P)	12	42671.165	2.499	643.586
(Q)	13	42678.678	8.996	643.529
(R)	8	42658.701	-17.005	643.769
(S)	9	42666.194	-10.500	643.711
(T)	10	42673.696	-4.000	643.654
(U)	11	42678.317	.003	643.618
(V)	12	42681.206	2.494	643.596
(W)	13	42688.725	8.983	643.539
(X)	8	42668.725	-17.000	643.779
(Y)	9	42676.223	-10.501	643.721
(Z)	10	42683.731	-4.008	643.664
(AA)	11	42688.355	.015	643.629
(AB)	12	42691.247	2.479	643.606
(AC)	13	42698.771	8.962	643.549
(AD)	8	42671.982	-17.000	643.782
(AE)	9	42679.483	-10.504	643.725
(AF)	10	42686.992	-4.013	643.667
(AG)	11	42691.618	.021	643.632
(AH)	12	42694.510	2.472	643.610
(AI)	13	42702.036	8.954	643.552
(AJ)	8	42682.006	-17.006	643.792
(AK)	9	42689.512	-10.517	643.735
(AL)	10	42697.027	-4.032	643.677
(AM)	11	42701.656	.044	643.642
(AN)	12	42704.551	2.446	643.620
(AO)	13	42712.083	8.921	643.563
(AP)	8	42692.029	-17.022	643.802
(AQ)	9	42699.542	-10.539	643.745
(AR)	10	42707.062	-4.061	643.688
(AS)	11	42711.695	.077	643.652
(AT)	12	42714.591	2.411	643.630
(AU)	13	42722.129	8.879	643.573
(AV)	8	42702.053	-17.046	643.813
(AW)	9	42709.571	-10.569	643.755
(AX)	10	42717.097	-4.098	643.698
(AY)	11	42721.733	.118	643.663
(AZ)	12	42724.632	2.367	643.641
(BA)	13	42732.175	8.859	643.584
(BB)	8	42739.727	15.285	643.527

Beam	Station	Offset from ϵ of Rdwy.	Theoretical Grade Elevations	Theor. Grade Elev. Adj. for D.L. Defl.
(H)	8	42712.077	-17.078	643.823
(I)	9	42719.600	-10.609	643.766
(J)	10	42727.132	-4.144	643.709
(K)	11	42731.771	-1.68	643.673
(L)	12	42734.672	2.315	643.652
(M)	13	42742.221	8.778	643.595
(N)	8	42722.100	-17.120	643.833
(O)	9	42729.629	-10.657	643.776
(P)	10	42737.167	-4.199	643.719
(Q)	11	42741.809	-1.227	643.684
(R)	12	42744.713	2.254	643.662
(S)	13	42752.267	8.702	643.605
(T)	8	42755.831	15.145	643.548
(U)	8	42725.283	-17.155	643.841
(V)	9	42732.817	-10.697	643.784
(W)	10	42740.358	-4.243	643.727
(X)	11	42745.003	-1.274	643.692
(Y)	12	42751.908	2.204	643.670
(Z)	13	42759.467	8.649	643.613
(AA)	8	42739.307	-17.212	643.851
(AB)	9	42746.845	-10.760	643.794
(AC)	10	42754.399	-4.313	643.738
(AD)	11	42759.041	-1.348	643.703
(AE)	12	42764.713	2.128	643.681
(AF)	13	42772.267	8.565	643.624
(AG)	8	42749.330	-17.277	643.862
(AH)	9	42756.874	-10.832	643.805
(AI)	10	42764.427	-4.391	643.748
(AJ)	11	42769.079	-1.431	643.713
(AK)	12	42771.988	2.063	643.692
(AL)	13	42779.558	8.473	643.635
(AM)	8	42769.376	-17.434	643.886
(AN)	9	42776.911	-11.002	643.827
(AO)	10	42784.495	-4.575	643.770
(AP)	11	42789.155	-1.622	643.735
(AQ)	12	42795.068	1.947	643.714
(AR)	13	42799.649	8.264	643.657
(AS)	8	42772.633	-17.463	643.887
(AT)	9	42780.191	-11.033	643.831
(AU)	10	42787.757	-4.608	643.774
(AV)	11	42794.417	-1.656	643.739
(AW)	12	42799.331	1.811	643.717
(AX)	13	42801.914	8.226	643.661
(AY)	8	42813.505	14.636	643.604



DEAD LOAD DEFLECTION DIAGRAM
Includes weight of concrete only
Note: The above deflections are not for use in the field if the Engineer is working from the Theoretical Grade Elevations Adjusted for Dead Load Deflection.

DESIGNED *R. K. Taylor*
CHECKED *C. W. Clark*
DRAWN *R. X. T.*
CHECKED *C. W. S.*

EXAMINED *H. E. Bussman*
PASSED
APPROVED _____
CHIEF HIGHWAY ENGINEER

AUG 13 1962

SOUTH BRIDGE
TOP OF SLAB ELEVATIONS
F.A.I. R. 80 SEC. 06-2B-1
BUREAU COUNTY
STA. 426+69.5