

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 22 SHEETS
F.A.P. 322	*	UNION	39	25	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	* (11-IVB)-1 CONTRACT NO. 98488		

☉ STRUCTURE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	582+18.769	0.213	543.054	543.054
☉ N. Abut.	582+20.087	0.206	543.067	543.067
A	582+30.087	0.153	543.172	543.227
B	582+40.087	0.104	543.277	543.376
C	582+50.087	0.059	543.382	543.506
D	582+60.087	0.017	543.487	543.615
E	582+70.087	-0.021	543.591	543.702
F	582+80.087	-0.056	543.695	543.773
G	582+90.087	-0.087	543.799	543.838
☉ Pier 1	583+03.170	-0.123	543.935	543.935
H	583+13.170	-0.147	544.039	544.042
I	583+23.170	-0.166	544.143	544.150
J	583+33.170	-0.183	544.247	544.267
K	583+43.170	-0.195	544.351	544.379
L	583+53.170	-0.205	544.455	544.482
M	583+63.170	-0.211	544.559	544.578
N	583+73.170	-0.213	544.663	544.669
☉ Pier 2	583+86.254	-0.211	544.799	544.799
O	583+96.254	-0.205	544.904	544.918
P	584+06.254	-0.196	545.008	545.044
Q	584+16.254	-0.183	545.113	545.167
R	584+26.254	-0.167	545.217	545.280
S	584+36.254	-0.147	545.322	545.381
T	584+46.254	-0.124	545.426	545.469
U	584+56.254	-0.097	545.531	545.552
☉ Pier 3	584+69.337	-0.057	545.668	545.668
V	584+79.337	-0.022	545.773	545.774
W	584+89.337	0.016	545.877	545.889
X	584+99.337	0.058	545.981	546.001
Y	585+09.337	0.103	546.084	546.106
Z	585+19.337	0.152	546.188	546.202
☉ S. Abut.	585+29.450	0.205	546.292	546.292
Bk. S. Abut.	585+30.768	0.212	546.306	546.306

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	582+20.045	3.956	543.008	543.008
☉ N. Abut.	582+21.363	3.949	543.022	543.022
A	582+31.362	3.897	543.127	543.182
B	582+41.360	3.849	543.232	543.331
C	582+51.359	3.804	543.337	543.461
D	582+61.357	3.762	543.442	543.570
E	582+71.356	3.724	543.547	543.657
F	582+81.355	3.690	543.652	543.729
G	582+91.353	3.659	543.756	543.795
☉ Pier 1	583+04.435	3.624	543.893	543.893
H	583+14.434	3.601	543.998	544.001
I	583+24.432	3.581	544.102	544.110
J	583+34.431	3.566	544.207	544.227
K	583+44.430	3.553	544.311	544.340
L	583+54.429	3.544	544.416	544.443
M	583+64.427	3.539	544.520	544.539
N	583+74.426	3.537	544.624	544.631
☉ Pier 2	583+87.508	3.540	544.760	544.760
O	583+97.507	3.546	544.865	544.879
P	584+07.505	3.556	544.969	545.005
Q	584+17.504	3.569	545.073	545.127
R	584+27.503	3.585	545.177	545.240
S	584+37.502	3.606	545.281	545.340
T	584+47.500	3.629	545.384	545.428
U	584+57.499	3.656	545.488	545.510
☉ Pier 3	584+70.581	3.697	545.624	545.624
V	584+80.579	3.733	545.728	545.729
W	584+90.578	3.771	545.831	545.843
X	585+00.576	3.813	545.935	545.955
Y	585+10.575	3.859	546.038	546.060
Z	585+20.574	3.908	546.142	546.156
☉ S. Abut.	585+30.686	3.962	546.246	546.246
Bk. S. Abut.	585+32.004	3.969	546.260	546.260

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	582+22.597	11.442	542.918	542.918
☉ N. Abut.	582+23.914	11.435	542.932	542.932
A	582+33.910	11.384	543.037	543.092
B	582+43.906	11.337	543.142	543.240
C	582+53.902	11.293	543.247	543.370
D	582+63.898	11.252	543.351	543.479
E	582+73.894	11.215	543.456	543.567
F	582+83.890	11.182	543.561	543.639
G	582+93.886	11.152	543.666	543.704
☉ Pier 1	583+06.964	11.118	543.802	543.802
H	583+16.960	11.096	543.907	543.911
I	583+26.957	11.077	544.012	544.019
J	583+36.953	11.062	544.116	544.136
K	583+46.949	11.051	544.220	544.249
L	583+56.945	11.043	544.325	544.352
M	583+66.941	11.038	544.429	544.448
N	583+76.937	11.037	544.533	544.540
☉ Pier 2	583+90.016	11.041	544.669	544.669
O	584+00.012	11.048	544.774	544.788
P	584+10.008	11.059	544.878	544.914
Q	584+20.004	11.073	544.982	545.036
R	584+30.000	11.090	545.085	545.149
S	584+39.996	11.111	545.189	545.248
T	584+49.992	11.136	545.293	545.336
U	584+59.988	11.164	545.397	545.418
☉ Pier 3	584+73.066	11.206	545.533	545.533
V	584+83.062	11.242	545.636	545.638
W	584+93.058	11.281	545.740	545.752
X	585+03.054	11.325	545.843	545.864
Y	585+13.050	11.371	545.947	545.969
Z	585+23.046	11.421	546.050	546.064
☉ S. Abut.	585+33.156	11.475	546.155	546.155
Bk. S. Abut.	585+34.473	11.483	546.168	546.168

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	582+25.147	18.929	542.791	542.791
☉ N. Abut.	582+26.464	18.922	542.805	542.805
A	582+36.457	18.872	542.911	542.965
B	582+46.451	18.825	543.016	543.114
C	582+56.444	18.782	543.121	543.245
D	582+66.437	18.743	543.226	543.353
E	582+76.431	18.706	543.331	543.441
F	582+86.424	18.674	543.436	543.513
G	582+96.418	18.645	543.540	543.579
☉ Pier 1	583+09.492	18.612	543.677	543.677
H	583+19.486	18.591	543.782	543.785
I	583+29.479	18.573	543.886	543.894
J	583+39.473	18.559	543.991	544.011
K	583+49.466	18.548	544.095	544.124
L	583+59.460	18.541	544.200	544.227
M	583+69.453	18.538	544.304	544.323
N	583+79.447	18.537	544.408	544.415
☉ Pier 2	583+92.522	18.542	544.544	544.544
O	584+02.515	18.550	544.648	544.662
P	584+12.509	18.562	544.752	544.788
Q	584+22.502	18.577	544.856	544.911
R	584+32.496	18.595	544.960	545.023
S	584+42.489	18.617	545.064	545.123
T	584+52.483	18.642	545.167	545.210
U	584+62.476	18.671	545.271	545.292
☉ Pier 3	584+75.551	18.714	545.406	545.406
V	584+85.544	18.751	545.510	545.511
W	584+95.538	18.792	545.613	545.625
X	585+05.531	18.836	545.716	545.737
Y	585+15.524	18.883	545.819	545.841
Z	585+25.518	18.934	545.922	545.937
☉ S. Abut.	585+35.624	18.989	546.027	546.027
Bk. S. Abut.	585+36.942	18.997	546.040	546.040

02/15/2005

DESIGNED	GLH
CHECKED	TML
DRAWN	RJN
CHECKED	TML

E-S 4-30-97

DECK ELEVATIONS
U.S. ROUTE 51 OVER TRIBUTARY TO
DRURY CREEK AND CN/IC RAILROAD
FAP 322 - SECTION (11-IVB)-1
UNION COUNTY
STATION 583+74.84
STRUCTURE NO. 091-0073