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ROUTE NO.	SECTION	COUNTY	SHEET	SHEET	SHEET NO.
F.A.P. 310	*	MADISON	149	38	7
FED. ROAD DIST. NO. 7					ILLINOIS
FED. AID PROJECT:					Contract #76634 * 60-15VB-1 & 2

Profile Grade (N.B.L.) FAP 310

Location	☉ FAP 310		☒ Ramp C		Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
	Station	Offset	Station	Offset		
Bk. E. Abut.	39+133.633	8.200	0+279.763	-17.007	198.499	198.499
☉ Brg. E. Abut.	39+134.591	8.200	0+280.680	-16.949	198.489	198.489
A	39+137.594	8.200	0+283.554	-16.770	198.455	198.457
B	39+140.601	8.200	0+286.432	-16.595	198.420	198.422
C	39+143.612	8.200	0+289.316	-16.424	198.384	198.385
D	39+146.626	8.200	0+292.205	-16.259	198.346	198.346
☉ Brg. Pier #1	39+150.250	8.200	0+295.678	-16.066	198.300	198.300
E	39+153.273	8.200	0+298.577	-15.911	198.260	198.266
F	39+156.301	8.200	0+301.482	-15.760	198.219	198.232
G	39+159.334	8.200	0+304.392	-15.614	198.177	198.196
H	39+162.371	8.200	0+307.307	-15.473	198.134	198.155
I	39+165.412	8.200	0+310.228	-15.337	198.090	198.109
J	39+168.457	8.200	0+313.153	-15.205	198.044	198.058
K	39+171.507	8.200	0+316.084	-15.079	197.998	198.005
☉ Brg. Pier #2	39+174.970	8.200	0+319.412	-14.941	197.943	197.943
L	39+178.030	8.200	0+322.355	-14.825	197.894	197.894
M	39+181.095	8.200	0+325.302	-14.714	197.844	197.845
N	39+184.165	8.200	0+328.255	-14.607	197.792	197.794
O	39+187.239	8.200	0+331.214	-14.506	197.740	197.742
☉ Brg. W. Abut.	39+190.935	8.200	0+334.772	-14.391	197.675	197.675
Bk. W. Abut.	39+191.921	8.200	0+335.720	-14.361	197.657	197.657

Optional Longitudinal Bonded Construction Joint (10.16 m RT of Local Tangent)

Location	☉ FAP 310		☒ Ramp C		Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
	Station	Offset	Station	Offset		
Bk. E. Abut.	39+136.999	18.097	0+282.399	-6.925	197.979	197.979
☉ Brg. E. Abut.	39+137.980	18.122	0+283.342	-6.843	197.972	197.972
A	39+141.051	18.191	0+286.294	-6.595	197.950	197.952
B	39+144.122	18.248	0+289.248	-6.364	197.926	197.928
C	39+147.193	18.294	0+292.205	-6.150	197.899	197.900
D	39+150.265	18.327	0+295.165	-5.952	197.869	197.869
☉ Brg. Pier #1	39+153.952	18.352	0+298.719	-5.738	197.829	197.829
E	39+157.024	18.360	0+301.682	-5.578	197.793	197.799
F	39+160.097	18.356	0+304.648	-5.434	197.755	197.768
G	39+163.169	18.340	0+307.615	-5.308	197.714	197.733
H	39+166.241	18.312	0+310.583	-5.199	197.670	197.691
I	39+169.313	18.272	0+313.553	-5.106	197.623	197.642
J	39+172.384	18.221	0+316.523	-5.031	197.574	197.588
K	39+175.455	18.158	0+319.494	-4.972	197.522	197.529
☉ Brg. Pier #2	39+178.935	18.072	0+322.862	-4.927	197.461	197.461
L	39+182.004	17.983	0+325.834	-4.904	197.405	197.405
M	39+185.073	17.883	0+328.806	-4.900	197.351	197.352
N	39+188.141	17.771	0+331.779	-4.911	197.297	197.299
O	39+191.208	17.647	0+334.751	-4.939	197.243	197.245
☉ Brg. W. Abut.	39+194.887	17.483	0+338.317	-4.996	197.178	197.178
Bk. W. Abut.	39+195.867	17.437	0+339.266	-5.016	197.160	197.160

Optional Longitudinal Bonded Construction Joint (7.2 m RT of PG)

Location	☉ FAP 310		☒ Ramp C		Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
	Station	Offset	Station	Offset		
Bk. E. Abut.	39+136.072	15.400	0+281.670	-9.673	198.074	198.074
☉ Brg. E. Abut.	39+137.041	15.400	0+282.601	-9.615	198.063	198.063
A	39+140.075	15.400	0+285.517	-9.437	198.028	198.030
B	39+143.114	15.400	0+288.439	-9.264	197.992	197.994
C	39+146.156	15.400	0+291.365	-9.095	197.955	197.955
D	39+149.203	15.400	0+294.297	-8.931	197.916	197.916
☉ Brg. Pier #1	39+152.865	15.400	0+297.822	-8.741	197.869	197.869
E	39+155.921	15.400	0+300.765	-8.588	197.828	197.834
F	39+158.981	15.400	0+303.713	-8.440	197.787	197.800
G	39+162.046	15.400	0+306.667	-8.296	197.743	197.762
H	39+165.115	15.400	0+309.626	-8.157	197.699	197.720
I	39+168.189	15.400	0+312.591	-8.024	197.654	197.673
J	39+171.267	15.400	0+315.561	-7.895	197.607	197.621
K	39+174.351	15.400	0+318.536	-7.771	197.560	197.567
☉ Brg. Pier #2	39+177.851	15.400	0+321.915	-7.637	197.504	197.504
L	39+180.944	15.400	0+324.902	-7.524	197.454	197.454
M	39+184.043	15.400	0+327.895	-7.416	197.402	197.403
N	39+187.146	15.400	0+330.893	-7.313	197.350	197.352
O	39+190.255	15.400	0+333.897	-7.215	197.296	197.298
☉ Brg. W. Abut.	39+193.991	15.400	0+337.509	-7.104	197.230	197.230
Bk. W. Abut.	39+194.988	15.400	0+338.473	-7.076	197.212	197.212

Baseline & Profile Grade Ramp C

Location	☉ FAP 310		☒ Ramp C		Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
	Station	Offset	Station	Offset		
Bk. E. Abut.	39+139.365	24.896	0+284.270	0.000	197.591	197.591
☉ Brg. E. Abut.	39+140.328	24.839	0+285.204	0.000	197.588	197.588
A	39+143.343	24.667	0+288.128	0.000	197.578	197.580
B	39+146.362	24.498	0+291.057	0.000	197.564	197.566
C	39+149.386	24.335	0+293.991	0.000	197.546	197.547
D	39+152.414	24.176	0+296.929	0.000	197.525	197.525
☉ Brg. Pier #1	39+156.055	23.992	0+300.462	0.000	197.495	197.495
E	39+159.094	23.844	0+303.412	0.000	197.466	197.472
F	39+162.138	23.701	0+306.367	0.000	197.434	197.447
G	39+165.187	23.563	0+309.327	0.000	197.398	197.417
H	39+168.242	23.429	0+312.292	0.000	197.358	197.379
I	39+171.302	23.300	0+315.264	0.000	197.315	197.334
J	39+174.367	23.177	0+318.240	0.000	197.268	197.282
K	39+177.439	23.058	0+321.223	0.000	197.218	197.225
☉ Brg. Pier #2	39+180.927	22.929	0+324.611	0.000	197.156	197.156
L	39+184.011	22.821	0+327.606	0.000	197.103	197.103
M	39+187.101	22.718	0+330.608	0.000	197.049	197.050
N	39+190.198	22.620	0+333.616	0.000	196.993	196.995
O	39+193.301	22.527	0+336.631	0.000	196.937	196.939
☉ Brg. W. Abut.	39+197.033	22.422	0+340.257	0.000	196.867	196.867
Bk. W. Abut.	39+198.029	22.396	0+341.225	0.000	196.849	196.849

DESIGNED	ADL
CHECKED	WLW
DRAWN	ADL/DGM
CHECKED	WLW

**TOP OF SLAB ELEVATIONS
FAP RTE. 310 (IL RTE. 255) NB & RAMP C OVER
UNION PACIFIC & KANSAS CITY SOUTHERN R.R.
SECTION 60-15VB-1 & 2
MADISON COUNTY
STATION 39+160.297
STRUCTURE NUMBER 060-0310**