

DWG NO S-205				
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1HB	ROCK ISLAND	389	245
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 1-24				

	GIRDER G-1					GIRDER G-2					GIRDER G-3					GIRDER G-4				
	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION
SPAN J-31	0.00	20.479	633.721	0.000	633.721	0.00	13.187	633.873	0.000	633.873	0.00	5.895	633.993	0.000	633.993	0.00	-1.395	634.063	0.000	634.063
	10.00	20.479	634.034	0.024	634.058	10.00	13.187	634.186	0.024	634.211	10.00	5.895	634.306	0.024	634.330	10.00	-1.395	634.376	0.024	634.401
	20.00	20.479	634.351	0.044	634.395	20.00	13.187	634.503	0.044	634.548	20.00	5.895	634.623	0.044	634.667	20.00	-1.395	634.693	0.044	634.737
	30.00	20.479	634.671	0.061	634.732	30.00	13.187	634.823	0.057	634.880	30.00	5.895	634.943	0.055	634.999	30.00	-1.395	635.013	0.055	635.063
	40.00	20.479	635.000	0.056	635.056	40.00	13.187	635.147	0.053	635.200	40.00	5.895	635.267	0.058	635.325	40.00	-1.395	635.337	0.058	635.396
	50.00	20.479	635.323	0.044	635.367	50.00	13.187	635.475	0.043	635.519	50.00	5.895	635.595	0.041	635.644	50.00	-1.395	635.655	0.041	635.717
	60.00	20.479	635.654	0.044	635.699	60.00	13.187	635.806	0.040	635.847	60.00	5.895	635.926	0.037	635.984	60.00	-1.395	635.997	0.037	636.054
	70.00	20.479	635.987	0.033	636.019	70.00	13.187	636.141	0.024	636.165	70.00	5.895	636.261	0.021	636.282	70.00	-1.395	636.331	0.021	636.353
SPAN 31-32 PIER 31 TO LINK	80.00	20.479	636.328	0.017	636.345	80.00	13.187	636.490	0.010	636.490	80.00	5.895	636.600	0.006	636.606	80.00	-1.395	636.670	0.006	636.677
	87.99	20.479	636.601	0.012	636.613	87.99	13.187	636.753	0.005	636.758	87.99	5.895	636.873	0.001	636.874	87.99	-1.395	636.944	0.001	636.945
	0.00	20.479	636.601	0.012	636.613	0.00	13.187	636.753	0.005	636.758	0.00	5.895	636.873	0.001	636.874	0.00	-1.395	636.944	0.001	636.945
	10.00	20.479	636.946	0.019	636.961	10.00	13.187	637.099	0.008	637.107	10.00	5.895	637.218	0.004	637.223	10.00	-1.395	637.289	0.004	637.293
	20.00	20.479	637.295	0.023	637.319	20.00	13.187	637.447	0.019	637.466	20.00	5.895	637.567	0.015	637.582	20.00	-1.395	637.638	0.015	637.653
	30.00	20.479	637.648	0.034	637.682	30.00	13.187	637.800	0.030	637.830	30.00	5.895	637.920	0.026	637.947	30.00	-1.395	638.008	0.026	638.017
	40.00	20.479	638.004	0.042	638.046	40.00	13.187	638.156	0.039	638.195	40.00	5.895	638.276	0.035	638.311	40.00	-1.395	638.376	0.035	638.381
	50.00	20.479	638.363	0.045	638.409	50.00	13.187	638.515	0.041	638.557	50.00	5.895	638.635	0.037	638.673	50.00	-1.395	638.706	0.037	638.743
SPAN 32-33 PIER 32 TO LINK	60.00	20.479	638.728	0.042	638.766	60.00	13.187	638.875	0.037	638.913	60.00	5.895	638.995	0.033	639.029	60.00	-1.395	639.066	0.033	639.099
	70.00	20.479	639.083	0.034	639.118	70.00	13.187	639.195	0.027	639.232	70.00	5.895	639.355	0.023	639.379	70.00	-1.395	639.426	0.023	639.449
	77.15	20.479	639.341	0.027	639.358	77.15	13.187	639.493	0.018	639.511	77.15	5.895	639.615	0.014	639.627	77.15	-1.395	639.683	0.014	639.697

	GIRDER G-5					GIRDER G-6					GIRDER G-7					GIRDER G-8				
	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION
SPAN J-31	0.00	-8.687	633.949	0.000	633.949	0.00	-15.979	633.814	0.000	633.814	0.00	20.479	639.341	0.027	639.368	0.00	13.187	639.493	0.018	639.511
	10.00	-8.687	634.262	0.024	634.287	10.00	-15.979	634.128	0.024	634.152	10.00	20.479	639.701	0.019	639.720	10.00	13.187	639.853	0.011	639.866
	20.00	-8.687	634.579	0.044	634.623	20.00	-15.979	634.444	0.044	634.489	20.00	20.479	640.061	0.012	640.073	20.00	13.187	640.213	0.005	640.218
	30.00	-8.687	634.899	0.057	634.957	30.00	-15.979	634.765	0.057	634.822	30.00	20.479	640.370	0.012	640.382	30.00	13.187	640.522	0.009	640.527
	40.00	-8.687	635.224	0.060	635.284	40.00	-15.979	635.089	0.061	635.150	40.00	20.479	640.679	0.012	640.692	40.00	13.187	640.840	0.008	640.845
	50.00	-8.687	635.551	0.053	635.605	50.00	-15.979	635.417	0.054	635.475	50.00	20.479	640.980	0.012	640.992	50.00	13.187	641.151	0.007	641.156
	60.00	-8.687	635.883	0.040	635.923	60.00	-15.979	635.748	0.044	635.793	60.00	20.479	641.280	0.012	641.292	60.00	13.187	641.462	0.006	641.467
	70.00	-8.687	636.218	0.024	636.242	70.00	-15.979	636.083	0.030	636.113	70.00	20.479	641.580	0.011	641.591	70.00	13.187	641.774	0.005	641.779
SPAN 31-32 PIER 31 TO LINK	80.00	-8.687	636.558	0.010	636.566	80.00	-15.979	636.422	0.017	636.439	80.00	20.479	641.880	0.011	641.891	80.00	13.187	642.082	0.004	642.087
	87.99	-8.687	636.830	0.005	636.835	87.99	-15.979	636.695	0.012	636.707	87.99	20.479	642.180	0.011	642.191	87.99	13.187	642.392	0.003	642.397
	0.00	-8.687	636.830	0.005	636.835	0.00	-15.979	636.695	0.012	636.707	0.00	20.479	642.280	0.011	642.291	0.00	13.187	642.502	0.003	642.507
	10.00	-8.687	637.175	0.008	637.183	10.00	-15.979	637.040	0.014	637.054	10.00	20.479	642.580	0.011	642.591	10.00	13.187	642.802	0.002	642.807
	20.00	-8.687	637.524	0.019	637.543	20.00	-15.979	637.389	0.023	637.412	20.00	20.479	642.880	0.011	642.891	20.00	13.187	643.112	0.001	643.117
	30.00	-8.687	637.876	0.030	637.907	30.00	-15.979	637.741	0.034	637.776	30.00	20.479	643.180	0.011	643.191	30.00	13.187	643.422	0.001	643.427
	40.00	-8.687	638.232	0.039	638.271	40.00	-15.979	638.096	0.042	638.140	40.00	20.479	643.480	0.011	643.491	40.00	13.187	643.732	0.001	643.737
	50.00	-8.687	638.592	0.041	638.633	50.00	-15.979	638.457	0.045	638.503	50.00	20.479	643.780	0.011	643.791	50.00	13.187	644.042	0.001	644.047
SPAN 33-34 PIER 34 TO LINK	60.00	-8.687	638.952	0.037	638.989	60.00	-15.979	638.817	0.042	638.860	60.00	20.479	644.080	0.011	644.091	60.00	13.187	644.352	0.001	644.357
	70.00	-8.687	639.312	0.027	639.339	70.00	-15.979	639.177	0.034	639.212	70.00	20.479	644.380	0.011	644.391	70.00	13.187	644.662	0.001	644.667
	77.15	-8.687	639.559	0.018	639.587	77.15	-15.979	639.435	0.027	639.462	77.15	20.479	644.680	0.011	644.691	77.15	13.187	644.972	0.001	644.977

	GIRDER G-9					GIRDER G-10					GIRDER G-11					GIRDER G-12				
	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION
SPAN 31-32 LINK TO PIER 32	0.00	5.895	639.613	0.014	639.627	0.00	-1.395	639.693	0.014	639.697	0.00	-8.687	639.569	0.018	639.587	0.00	-15.979	639.435	0.027	639.462
	10.00	5.895	639.973	0.007	639.980	10.00	-1.395	640.043	0.007	640.051	10.00	-8.687	639.929	0.011	639.941	10.00	-15.979	639.795	0.019	639.814
	20.00	5.895	640.333	0.001	640.334	20.00	-1.395	640.603	0.001	640.604	20.00	-8.687	640.289	0.005	640.294	20.00	-15.979	640.155	0.012	640.167
	20.24	5.895	640.342	0.001	640.343	20.24	-1.395	640.612	0.001	640.613	20.24	-8.687	640.298	0.005	640.303	20.24	-15.979	640.164	0.012	640.176
SPAN 32-33	0.00	5.895	640.342	0.001	640.343	0.00	-1.395	640.612	0.001	640.613	0.00	-8.687	640.298	0.005	640.303	0.00	-15.979	640.164	0.012	640.176
	10.00	5.895	640.702	0.003	640.706	10.00	-1.395	640.972	0.003	640.977	10.00	-8.687	640.598	0.007	640.604	10.00	-15.979	640.470	0.013	640.483
	20.00	5.895	641.062	0.012	641.074	20.00	-1.395	641.332	0.012	641.344	20.00	-8.687	640.894	0.011	640.906	20.00	-15.979	640.766	0.020	640.786
	30.00	5.895	641.422	0.020	641.442	30.00	-1.395	641.692	0.020	641.713	30.00	-8.687	641.358	0.024	641.403	30.00	-15.979	641.264	0.027	641.271
SPAN 33-34	0.00	5.895	641.422	0.020	641.442	0.00	-1.395	641.692	0.020	641.713	0.00	-8.687	641.358	0.024	641.403	0.00	-15.979	641.264	0.027	641.271
	10.00	5.895	642.162	0.025	642.187	10.00	-1.395	642.432	0.025	642.457	10.00	-8.687	642.198	0.029	642.243	10.00	-15.979	642.104	0.031	642.111
	20.00	5.895	642.502	0.020	642.522	20.00	-1.395	642.772	0.020	642.793	20.00	-8.687	642.538	0.029	642.583	20.00	-15.979	642.489	0.031	642.496
	30.00	5.895	642.862	0.011	642.873	30.00	-1.395	643.132	0.011	643.143	30.00	-8.687	642.958	0.024	642.979	30.00	-15.979	642.884	0.026	642.905
SPAN 34-35 PIER 34 TO LINK	0.00	5.895	643.222	0.003	643.225	0.00	-1.395	643.292	0.003	643.296	0.00	-8.687	643.178	0.007	643.185	0.00	-15.979	643.084	0.019	643.097
	10.00	5.895	643.472	0.001	643.473	10.00	-1.395	643.742	0.001	643.743	10.00	-8.687	643.628	0.005	643.633	10.00	-15.979	643.539	0.012	643.550
	20.00	17.895	643.472	0.001	643.473	20.00	10.604	643.562	0.001	643.563	20.00	3.312	643.428	0.005	643.433	20.00	-3.979	643.294	0.012	643.306
	30.00	17.895	643.832	0.004	643.835	30.00	10.604	643.902	0.004	643.907	30.00	3.312	643.788	0.008	643.797	30.00	-3.979	643.654	0.016	643.670
SPAN 33-34	0.00	17.895	644.192	0.013	644.205	0.00	10.604	644.262	0.013	644.275	0.00	3.312	644.148	0.012	644.159	0.00	-3.979	644.024	0.025	644.039
	10.00	17.895	644.552	0.020	644.573	10.00	10.604	644.622	0.020	644.643	10.00	3.312	644.508	0.024	644.533	10.00	-3.979	644.404	0.033	644.417
	20.00	17.895	645.212	0.028	645.243	20.00	10.604	645.282	0.028	645.313	20.00	3.312	645.168	0.028	645.199	20.00	-3.979	645.094	0.037	645.111
	30.00	17.895	645.569	0.017	645.587	30.00	10.604	645.639	0.017	645.660	30.00	3.312	645.524	0.027	645.549	30.00	-3.979	645.454	0.036	645.471
SPAN 34-35 PIER 34 TO LINK	0.00	17.895	645.212	0.028	645.243	0.00	10.604	645.282	0.028	645.313	0.00	3.312	645.168	0.028	645.199	0.00	-3.979	645.094	0.037	645.111
	10.00	17.895	645.897	0.009	645.906	10.00	10.604	645.965	0.009	645.976	10.00	3.312	645.850	0.021	645.876	10.00	-3.979	645.784	0.030	645.804
	20.00	17.895	646.225	0.002	646.227	20.00	10.604	646.332	0.002	646.335	20.00	3.312	646.200	0.006	646.206	20.00	-3.979	646.174	0.021	646.185
	30.00	17.895	646.345	0.001	646.346	30.00	10.604	646.456	0.001	646.457	30.00	3.312	646.310	0.005	646.315	30.00	-3.979	646.306	0.012	646.318
SPAN 34-35 PIER 34 TO LINK	0.00	17.895	646.345	0.001	646.346	0.00	10.604	646.456	0.001	646.457	0.00	3.312	646.310	0.005	646.315	0.00	-3.979	646.306	0.012	646.318
	10.00	17.895	646.672	0.003	646.676	10.00	10.604	646.779	0.003	646.787	10.00	3.312	646.663	0.007	646.671	10.00	-3.979	646.656	0.012	646.678
	17.24	17.895	646.910	0.005	646.913	17.24	10.604	647.034	0.005	647.043	17.24	3.312	646.918	0.010	646.928	17.24	-3.979	646.907	0.012	646.919

GIRDER G-13					GIRDER G-14					GIRDER G-15					GIRDER G-16								
SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION
LINK TO PIER 35	0.00	32.479	646.555	0.013	646.568	LINK TO PIER 35	0.00	25.187	646.743	0.010	646.753	LINK TO PIER 35	0.00	17.895	646.910	0.005	646.915	LINK TO PIER 35	0.00	10.604	647.038	0.005	647.043
	10.00	32.479	646.869	0.017	646.887		10.00	25.187	647.063	0.011	647.084		10.00	17.895	647.238	0.016	647.254		10.00	10.604	647.375	0.016	647.392
	20.00	32.479	647.183	0.020	647.203		20.00	25.187	647.393	0.027	647.411		20.00	17.895	647.565	0.023	647.589		20.00	10.604	647.713	0.023	647.736
	30.00	32.479	647.497	0.019	647.516		30.00	25.187	647.703	0.026	647.729		30.00	17.895	647.893	0.021	647.915		30.00	10.604	648.050	0.021	648.072
	40.00	32.479	647.811	0.015	647.826		40.00	25.187	648.022	0.018	648.041		40.00	17.895	648.221	0.014	648.235		40.00	10.604	648.387	0.014	648.402
	50.00	32.479	648.125	0.012	648.137		50.00	25.187	648.342	0.009	648.351		50.00	17.895	648.548	0.004	648.553		50.00	10.604	648.724	0.004	648.729
SPAN 35-36	57.74	32.479	648.368	0.012	648.380	SPAN 35-36	57.74	25.187	648.590	0.005	648.595	SPAN 35-36	57.74	17.895	648.802	0.001	648.803	SPAN 35-36	57.74	10.604	648.986	0.001	648.987
	0.00	32.479	648.682	0.015	648.697		0.00	25.187	648.910	0.013	648.924		0.00	17.895	649.130	0.001	649.130		0.00	10.604	649.323	0.001	649.323
	10.00	32.479	648.996	0.021	649.017		10.00	25.187	649.230	0.026	649.257		10.00	17.895	649.458	0.022	649.481		10.00	10.604	649.660	0.022	649.683
	20.00	32.479	649.309	0.026	649.336		20.00	25.187	649.550	0.037	649.587		20.00	17.895	649.785	0.033	649.819		20.00	10.604	649.993	0.033	650.031
	30.00	32.479	649.623	0.027	649.651		30.00	25.187	649.870	0.040	649.910		30.00	17.895	650.113	0.036	650.149		30.00	10.604	650.355	0.036	650.371
	40.00	32.479	649.937	0.025	649.963		40.00	25.187	650.190	0.034	650.224		40.00	17.895	650.344	0.030	650.378		40.00	10.604	650.612	0.030	650.630
SPAN 36-M	50.00	32.479	650.250	0.019	650.270	SPAN 36-M	50.00	25.187	650.509	0.022	650.532	SPAN 36-M	50.00	17.895	650.769	0.018	650.787	SPAN 36-M	50.00	10.604	651.010	0.018	651.028
	60.00	32.479	650.562	0.013	650.576		60.00	25.187	650.830	0.010	650.840		60.00	17.895	651.097	0.006	651.103		60.00	10.604	651.347	0.006	651.353
	70.00	32.479	650.876	0.012	650.896		70.00	25.187	651.156	0.005	651.161		70.00	17.895	651.328	0.001	651.329		70.00	10.604	651.584	0.001	651.585
	76.97	32.462	650.784	0.012	650.796		76.97	25.171	651.056	0.005	651.061		76.97	17.879	651.328	0.001	651.329		76.97	10.588	651.584	0.001	651.585
	0.00	32.462	650.784	0.012	650.796		0.00	25.171	651.056	0.005	651.061		0.00	17.879	651.328	0.001	651.329		0.00	10.588	651.584	0.001	651.585
	10.00	32.462	651.102	0.017	651.114		10.00	25.171	651.381	0.013	651.392		10.00	17.879	651.581	0.006	651.588		10.00	10.588	651.824	0.006	651.832
SPAN 37-38	20.00	32.295	651.422	0.015	651.438	SPAN 37-38	20.00	25.004	651.769	0.019	651.779	SPAN 37-38	20.00	17.819	651.995	0.016	652.012	SPAN 37-38	20.00	10.527	652.267	0.016	652.284
	30.00	32.145	651.744	0.016	651.761		30.00	24.854	652.038	0.025	652.064		30.00	17.713	652.332	0.024	652.356		30.00	10.422	652.527	0.024	652.546
	40.00	31.949	652.069	0.014	652.086		40.00	24.659	652.370	0.024	652.394		40.00	17.569	652.671	0.023	652.694		40.00	10.273	652.811	0.023	652.835
	50.00	31.708	652.396	0.008	652.404		50.00	24.419	652.704	0.015	652.719		50.00	17.369	652.971	0.023	653.004		50.00	10.079	652.958	0.023	652.981
	60.00	31.423	652.725	0.000	652.725		60.00	24.135	653.040	0.000	653.040		60.00	17.130	653.212	0.014	653.226		60.00	9.841	653.306	0.014	653.321
	59.99	31.423	652.725	0.000	652.725		59.99	24.135	653.040	0.000	653.040		59.99	16.846	653.256	0.004	653.256		59.99	9.558	653.658	0.000	653.658
GIRDER G-17					GIRDER G-18					GIRDER G-19					GIRDER G-20								
SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION	SPAN 34-35	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ FOR DEFLECTION
LINK TO PIER 35	0.00	3.312	647.018	0.010	647.028	LINK TO PIER 35	0.00	-3.979	646.927	0.013	646.940	LINK TO PIER 35	0.00	15.979	630.750	0.009	630.750	LINK TO PIER 35	0.00	8.687	630.885	0.000	630.885
	10.00	3.312	647.373	0.021	647.393		10.00	-3.979	647.287	0.017	647.305		10.00	15.979	631.064	0.014	631.079		10.00	8.687	631.199	0.014	631.213
	20.00	3.312	647.724	0.027	647.752		20.00	-3.979	647.647	0.020	647.667		20.00	15.979	631.383	0.025	631.409		20.00	8.687	631.518	0.024	631.542
	30.00	3.312	648.077	0.026	648.104		30.00	-3.979	648.007	0.019	648.026		30.00	15.979	631.703	0.031	631.738		30.00	8.687	631.841	0.029	631.870
	40.00	3.312	648.430	0.018	648.449		40.00	-3.979	648.367	0.015	648.383		40.00	15.979	632.024	0.035	632.065		40.00	8.687	632.169	0.026	632.196
	50.00	3.312	648.783	0.009	648.792		50.00	-3.979	648.727	0.012	648.739		50.00	15.979	632.347	0.025	632.392		50.00	8.687	632.501	0.020	632.521
SPAN 35-36	57.74	3.312	649.056	0.005	649.061	SPAN 35-36	57.74	-3.979	649.006	0.012	649.018	SPAN 35-36	57.74	15.979	632.671	0.016	632.687	SPAN 35-36	57.74	8.687	632.819	0.011	632.850
	0.00	3.312	649.409	0.009	649.423		0.00	-3.979	649.366	0.015	649.381		0.00	15.979	633.011	0.025	633.032		0.00	8.687	633.159	0.007	633.166
	10.00	3.312	649.762	0.025	649.789		10.00	-3.979	649.726	0.021	649.747		10.00	15.979	633.331	0.025	633.357		10.00	8.687	633.499	0.016	633.516
	20.00	3.312	650.115	0.037	650.152		20.00	-3.979	650.086	0.026	650.112		20.00	15.979	633.654	0.040	633.694		20.00	8.687	633.831	0.031	633.883
	30.00	3.312	650.468	0.034	650.508		30.00	-3.979	650.446	0.027	650.474		30.00	15.979	633.974	0.045	634.019		30.00	8.687	634.108	0.047	634.155
	40.00	3.312	650.821	0.030	650.861		40.00	-3.979	650.806	0.025	650.841		40.00	15.979	634.294	0.045	634.339		40.00	8.687	634.408	0.050	634.457
SPAN 36-M	50.00	3.312	651.174	0.022	651.197	SPAN 36-M	50.00	-3.979	651.166	0.019	651.186	SPAN 36-M	50.00	15.979	634.614	0.046	634.659	SPAN 36-M	50.00	8.687	634.769	0.042	634.817
	60.00	3.312	651.527	0.010	651.537		60.00	-3.979	651.526	0.013	651.540		60.00	15.979	634.934	0.051	634.979		60.00	8.687	635.044	0.056	635.091
	70.00	3.296	651.774	0.005	651.779		70.00	-3.979	651.776	0.012	651.788		70.00	15.979	635.254	0.050	635.299		70.00	8.687	635.354	0.054	635.401
	0.00	3.296	651.774	0.005	651.779		0.00	-3.994	651.776	0.012	651.788		0.00	15.979	635.574	0.050	635.799		0.00	8.687	635.684	0.054	635.731
	10.00	3.296	652.129	0.010	652.139		10.00	-4.054	652.134	0.017	652.147		10.00	15.979	635.894	0.051	635.939		10.00	8.687	635.994	0.054	636.041
	20.00	3.131	652.486	0.019	652.505		20.00	-4.159	652.491	0.015	652.507		20.00	15.979	636.214	0.051	636.259		20.00	8.687	636.314	0.054	636.361
SPAN 37-38	30.00	2.982	652.845	0.025	652.870	SPAN 37-38	30.00	-4.159	652.841	0.014	652.865	SPAN 37-38	30.00	15.979	636.534	0.050	636.579	SPAN 37-38	30.00	8.687	636.643	0.049	636.6901

FILE: ROAD.DWG NO. 7 ELEVATION FILE: AEC PROJECT 1.16																											
GIRDER G-25						GIRDER G-26						GIRDER G-27						GIRDER G-28									
SPAN 37-38		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 38-39		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 39-40		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 40-41		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION
LINK TO PIER 38		0.00	15.979	636.756	0.025	636.781			0.00	8.687	636.591	0.015	636.606			0.00	1.395	636.505	0.010	636.515	0.00		-5.895	635.435	0.010	635.445	
		10.00	15.979	636.641	0.020	636.662			10.00	8.687	636.776	0.011	636.788			10.00	1.395	636.690	0.008	636.696			10.00	-5.895	636.820	0.008	636.826
		20.00	15.979	637.031	0.016	637.047			20.00	8.687	637.165	0.008	637.173			20.00	1.395	637.279	0.002	637.281			20.00	-5.895	637.204	0.002	637.211
		20.24	15.979	637.040	0.016	637.056			20.24	8.687	637.175	0.008	637.183			20.24	1.395	637.289	0.002	637.291			20.24	-5.895	637.219	0.002	637.221
SPAN 38-39		0.00	15.979	637.040	0.016	637.056			0.00	8.687	637.175	0.008	637.183			0.00	1.395	637.289	0.002	637.291	0.00		-5.895	637.219	0.002	637.221	
		10.00	15.979	637.434	0.021	637.456			10.00	8.687	637.549	0.013	637.562			10.00	1.395	637.683	0.007	637.690			10.00	-5.895	637.612	0.007	637.620
		20.00	15.979	637.832	0.033	637.866			20.00	8.687	637.967	0.025	637.993			20.00	1.395	638.081	0.019	638.101			20.00	-5.895	638.011	0.019	638.031
		30.00	15.979	638.232	0.045	638.278			30.00	8.687	638.367	0.038	638.406			30.00	1.395	638.481	0.032	638.516			30.00	-5.895	638.411	0.032	638.431
		40.00	15.979	638.632	0.055	638.688			40.00	8.687	638.767	0.048	638.816			40.00	1.395	638.881	0.043	638.924			40.00	-5.895	638.811	0.043	638.846
		50.00	15.979	639.032	0.058	639.091			50.00	8.687	639.167	0.051	639.219			50.00	1.395	639.281	0.046	639.328			50.00	-5.895	639.211	0.046	639.268
		60.00	15.979	639.432	0.056	639.487			60.00	8.687	639.567	0.048	639.615			60.00	1.395	639.681	0.043	639.724			60.00	-5.895	639.611	0.043	639.654
		70.00	15.979	639.832	0.045	639.878			70.00	8.687	639.967	0.038	640.005			70.00	1.395	640.081	0.033	640.115			70.00	-5.895	640.011	0.033	640.046
		80.00	15.979	640.232	0.031	640.264			80.00	8.687	640.367	0.024	640.392			80.00	1.395	640.481	0.020	640.501			80.00	-5.895	640.411	0.020	640.431
		90.00	15.979	640.632	0.018	640.651			90.00	8.687	640.767	0.011	640.779			90.00	1.395	640.881	0.007	640.889			90.00	-5.895	640.811	0.007	640.818
98.26	15.975	640.963	0.012	640.975	98.26	8.687	641.097	0.006	641.103	98.26	1.395	641.211	0.002	641.213	98.26	-5.895	641.141	0.002	641.143								
SPAN 39-40		0.00	15.979	640.963	0.012	640.975			0.00	8.687	641.097	0.006	641.103			0.00	1.395	641.211	0.002	641.213	0.00		-5.895	641.141	0.002	641.143	
		10.00	15.979	641.363	0.012	641.375			10.00	8.687	641.497	0.008	641.506			10.00	1.395	641.611	0.004	641.616			10.00	-5.895	641.541	0.004	641.546
		20.00	15.979	641.763	0.018	641.781			20.00	8.687	641.897	0.016	641.914			20.00	1.395	642.011	0.012	642.024			20.00	-5.895	641.941	0.012	641.953
		30.00	15.979	642.163	0.024	642.187			30.00	8.687	642.297	0.024	642.322			30.00	1.395	642.411	0.020	642.432			30.00	-5.895	642.341	0.020	642.361
		40.00	15.979	642.563	0.028	642.591			40.00	8.687	642.697	0.028	642.726			40.00	1.395	642.811	0.024	642.836			40.00	-5.895	642.741	0.024	642.766
		50.00	15.979	642.963	0.024	642.991			50.00	8.687	643.097	0.028	643.126			50.00	1.395	643.211	0.024	643.236			50.00	-5.895	643.141	0.024	643.165
		60.00	15.979	643.363	0.023	643.387			60.00	8.687	643.497	0.022	643.520			60.00	1.395	643.611	0.018	643.630			60.00	-5.895	643.541	0.018	643.560
		70.00	15.979	643.763	0.017	643.780			70.00	8.687	643.897	0.014	643.912			70.00	1.395	644.011	0.012	644.022			70.00	-5.895	643.941	0.012	643.952
		80.00	15.979	644.163	0.012	644.175			80.00	8.687	644.297	0.007	644.305			80.00	1.395	644.411	0.003	644.419			80.00	-5.895	644.341	0.003	644.345
		87.62	15.975	644.468	0.012	644.480			87.62	8.687	644.602	0.006	644.608			87.62	1.395	644.716	0.002	644.718			87.62	-5.895	644.646	0.002	644.648
SPAN 40-41 PIER 40 TO LINK		0.00	15.979	644.468	0.012	644.480			0.00	8.687	644.603	0.006	644.609			0.00	1.395	644.717	0.002	644.719	0.00		-5.895	644.646	0.002	644.648	
		10.00	15.979	644.868	0.018	644.886			10.00	8.687	644.997	0.011	645.014			10.00	1.395	645.111	0.007	645.124			10.00	-5.895	645.046	0.007	645.054
		20.00	15.979	645.268	0.024	645.293			20.00	8.687	645.397	0.016	645.420			20.00	1.395	645.517	0.012	645.529			20.00	-5.895	645.446	0.012	645.450
		20.24	15.975	645.278	0.025	645.303			20.24	8.687	645.413	0.017	645.430			20.24	1.395	645.527	0.013	645.540			20.24	-5.895	645.456	0.013	645.469

GIRDER G-29						GIRDER G-30						GIRDER G-31						GIRDER G-32							
DISTANCE FROM SUPPORT (FT)		NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)		NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)		NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)		NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION		
SPAN 37-38	0.00	-13.187	636.315	0.015	636.330	0.00	-20.479	636.163	0.025	636.188	0.00	-13.187	645.278	0.025	645.303	0.00	-3.312	645.413	0.017	645.430	0.00	-3.312	645.413	0.017	645.430
	10.00	-13.187	636.699	0.011	636.711	10.00	-20.479	636.546	0.020	636.568	10.00	-13.187	645.675	0.033	645.709	10.00	-3.312	645.815	0.034	645.850	10.00	-3.312	645.815	0.034	645.850
	20.00	-13.187	637.089	0.003	637.097	20.00	-20.479	636.937	0.016	636.953	20.00	-13.187	646.072	0.034	646.110	20.00	-3.312	646.219	0.046	646.265	20.00	-3.312	646.219	0.046	646.265
	20.24	-13.187	637.099	0.008	637.107	20.24	-20.479	636.947	0.016	636.963	20.24	-13.187	646.468	0.033	646.507	20.24	-3.312	646.562	0.049	646.612	20.24	-3.312	646.562	0.049	646.612
	0.00	-13.187	637.099	0.008	637.107	0.00	-20.479	636.947	0.016	636.963	0.00	-13.187	646.854	0.033	646.898	0.00	-3.312	647.027	0.042	647.069	0.00	-3.312	647.027	0.042	647.069
LINK TO PIER 38	10.00	-13.187	637.492	0.013	637.505	10.00	-20.479	637.340	0.021	637.362	10.00	-13.187	647.260	0.025	647.285	10.00	-3.312	647.430	0.026	647.459	10.00	-3.312	647.430	0.026	647.459
	20.00	-13.187	637.891	0.025	637.916	20.00	-20.479	637.739	0.033	637.772	20.00	-13.187	647.656	0.033	647.677	20.00	-3.312	647.834	0.031	647.868	20.00	-3.312	647.834	0.031	647.868
	30.00	-13.187	638.291	0.035	638.329	30.00	-20.479	638.139	0.045	638.185	30.00	-13.187	648.052	0.045	648.073	30.00	-3.312	648.230	0.000	648.230	30.00	-3.312	648.230	0.000	648.230
	40.00	-13.187	638.691	0.048	638.739	40.00	-20.479	638.539	0.055	638.594	40.00	-13.187	648.448	0.045	648.469	40.00	-3.312	648.618	0.000	648.618	40.00	-3.312	648.618	0.000	648.618
	50.00	-13.187	639.091	0.051	639.143	50.00	-20.479	638.939	0.058	638.997	50.00	-13.187	648.844	0.045	648.865	50.00	-3.312	649.033	0.000	649.033	50.00	-3.312	649.033	0.000	649.033
SPAN 38-39	60.00	-13.187	639.491	0.044	639.539	60.00	-20.479	639.339	0.054	639.393	60.00	-13.187	649.240	0.045	649.261	60.00	-3.312	649.453	0.000	649.453	60.00	-3.312	649.453	0.000	649.453
	70.00	-13.187	639.891	0.038	639.929	70.00	-20.479	639.739	0.045	639.785	70.00	-13.187	649.636	0.045	649.657	70.00	-3.312	649.870	0.000	649.870	70.00	-3.312	649.870	0.000	649.870
	80.00	-13.187	640.291	0.024	640.315	80.00	-20.479	640.139	0.031	640.178	80.00	-13.187	650.032	0.045	650.053	80.00	-3.312	650.286	0.000	650.286	80.00	-3.312	650.286	0.000	650.286
	90.00	-13.187	640.691	0.011	640.702	90.00	-20.479	640.539	0.018	640.557	90.00	-13.187	650.428	0.045	650.449	90.00	-3.312	650.702	0.000	650.702	90.00	-3.312	650.702	0.000	650.702
	98.26	-13.187	641.091	0.006	641.097	98.26	-20.479	640.939	0.012	640.957	98.26	-13.187	650.824	0.045	650.845	98.26	-3.312	651.118	0.000	651.118	98.26	-3.312	651.118	0.000	651.118
SPAN 39-40	0.00	-13.187	641.091	0.006	641.097	0.00	-20.479	640.939	0.012	640.957	0.00	-13.187	651.220	0.045	651.241	0.00	-3.312	651.515	0.000	651.515	0.00	-3.312	651.515	0.000	651.515
	10.00	-13.187	641.491	0.008	641.493	10.00	-20.479	641.289	0.012	641.289	10.00	-13.187	651.616	0.045	651.637	10.00	-3.312	651.910	0.000	651.910	10.00	-3.312	651.910	0.000	651.910
	20.00	-13.187	641.891	0.016	641.897	20.00	-20.479	641.689	0.018	641.687	20.00	-13.187	652.012	0.045	652.033	20.00	-3.312	652.306	0.000	652.306	20.00	-3.312	652.306	0.000	652.306
	30.00	-13.187	642.291	0.024	642.297	30.00	-20.479	642.089	0.024	642.084	30.00	-13.187	652.408	0.045	652.429	30.00	-3.312	652.702	0.000	652.702	30.00	-3.312	652.702	0.000	652.702
	40.00	-13.187	642.691	0.032	642.697	40.00	-20.479	642.489	0.032	642.484	40.00	-13.187	652.804	0.045	652.825	40.00	-3.312	653.118	0.000	653.118	40.00	-3.312	653.118	0.000	653.118
SPAN 40-41	50.00	-13.187	643.091	0.040	643.094	50.00	-20.479	642.889	0.032	642.884	50.00	-13.187	653.200	0.045	653.221	50.00	-3.312	653.515	0.000	653.515	50.00	-3.312	653.515	0.000	653.515
	60.00	-13.187	643.491	0.042	643.494	60.00	-20.479	643.289	0.032	643.284	60.00	-13.187	653.596	0.045	653.617	60.00	-3.312	653.910	0.000	653.910	60.00	-3.312	653.910	0.000	653.910
	70.00	-13.187	643.891	0.044	643.896	70.00	-20.479	643.689	0.032	643.684	70.00	-13.187	653.992	0.045	654.013	70.00	-3.312	654.306	0.000	654.306	70.00	-3.312	654.306	0.000	654.306
	80.00	-13.187	644.291	0.046	644.299	80.00	-20.479	644.089	0.032	644.084	80.00	-13.187	654.388	0.045	654.409	80.00	-3.312	654.702	0.000	654.702	80.00	-3.312	654.702	0.000	654.702
	87.62	-13.187	644.691	0.048	644.697	87.62	-20.479	644.489	0.032	644.484	87.62	-13.187	654.784	0.045	654.805	87.62	-3.312	655.098	0.000	655.098	87.62	-3.312	655.098	0.000	655.098
SPAN 40-41 PIER 40 TO LINK	0.00	-13.187	644.691	0.048	644.697	0.00	-20.479	644.489	0.032	644.484	0.00	-13.187	655.180	0.045	655.201	0.00	-3.312	655.515	0.000	655.515	0.00	-3.312	655.515	0.000	655.515
	10.00	-13.187	644.991	0.011	644.998	10.00	-20.479	644.789	0.018	644.793	10.00	-13.187	655.576	0.045	655.597	10.00	-3.312	655.910	0.000	655.910	10.00	-3.312	655.910	0.000	655.910
	20.00	-13.187	645.391	0.015	645.396	20.00	-20.479	645.189	0.024	645.194	20.00	-13.187	655.972	0.045	655.993	20.00	-3.312	656.306	0.000	656.306	20.00	-3.312	656.306	0.000	656.306
	20.24	-13.187	645.396	0.017	645.393	20.24	-20.479	645.194	0.025	645.195	20.24	-13.187	656.368	0.045	656.389	20.24	-3.312	656.702	0.000	656.702	20.24	-3.312	656.702	0.000	656.702
	0.00	-13.187	645.396	0.017	645.393	0.00	-20.479	645.194	0.025	645.195	0.00	-13.187	656.764	0.045	656.785	0.00	-3.312	657.118	0.000	657.118	0.00	-3.312	657.118	0.000	657.118

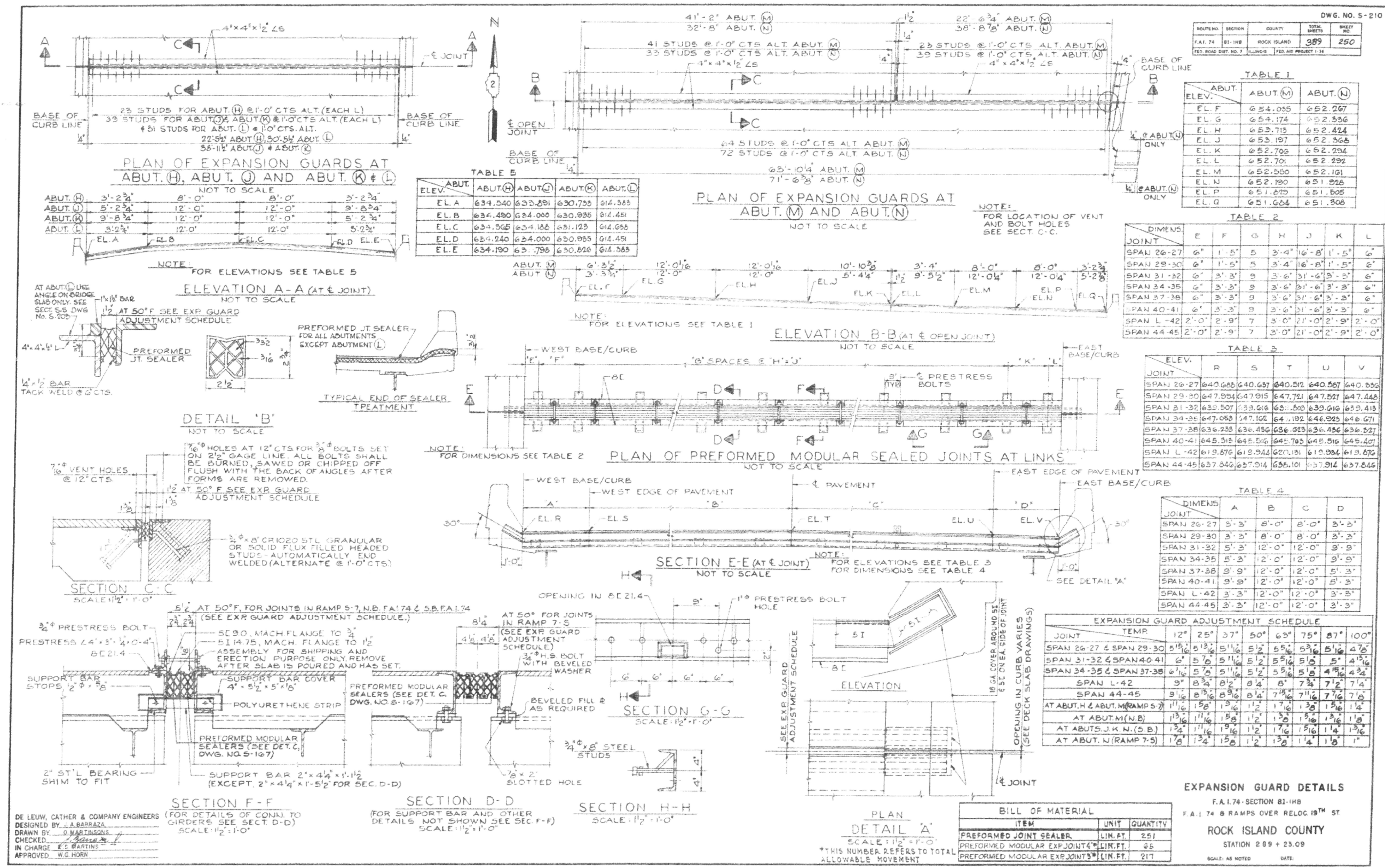
NOTES:

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	904
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

DWG NO. S-209				
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1NB	ROCK ISLAND	389	249
FED. ROAD DIST. NO. 7 ILLINOIS (FED. AID PROJECT 1-24)				

GIRDER G-47						GIRDER G-48						GIRDER G-49						GIRDER G-50																		
SPAN L - 42		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 44-45		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	LINK TO PIER 45		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 45-46		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	SPAN 46-N		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION		
LINK TO PIER 42		0.00	-8.625	619.915	0.027	619.942	0.00		-14.375	619.813	0.019	619.832	0.00		0.00	14.375	637.696	0.010	637.706	0.00	8.625	637.798	0.016	637.814	0.00		0.00	14.375	637.696	0.010	637.706	0.00	8.625	637.798	0.016	637.814
		10.00	-8.625	620.491	0.014	620.505	10.00		-14.375	620.389	0.011	620.400	10.00		10.00	14.375	638.272	0.023	638.295	10.00	8.625	638.174	0.039	638.413	10.00		10.00	14.375	638.848	0.038	638.881	10.00	8.625	638.950	0.057	639.007
		20.00	-8.625	621.067	0.007	621.074	20.00		-14.375	620.965	0.008	620.973	20.00		20.00	14.375	639.424	0.038	639.447	20.00	8.625	639.324	0.064	639.591	20.00		20.00	14.375	640.000	0.037	640.037	20.00	8.625	640.102	0.091	640.184
		26.24	-8.625	621.427	0.004	621.431	26.24		-14.375	621.325	0.008	621.333	26.24		26.24	14.375	640.576	0.031	640.607	26.24	8.625	640.478	0.049	640.727	26.24		26.24	14.375	641.152	0.021	641.173	26.24	8.625	641.254	0.030	641.285
SPAN 42-43		0.00	-8.625	621.427	0.004	621.431	0.00		-14.375	621.325	0.008	621.333	0.00		0.00	14.375	640.576	0.031	640.607	0.00	8.625	640.478	0.049	640.727	0.00		0.00	14.375	641.152	0.021	641.173	0.00	8.625	641.254	0.030	641.285
		10.00	-8.625	622.003	0.008	622.011	10.00		-14.375	621.901	0.015	621.917	10.00		10.00	14.375	641.152	0.021	641.173	10.00	8.625	641.254	0.030	641.285	10.00		10.00	14.375	641.728	0.012	641.740	10.00	8.625	641.830	0.011	641.843
		20.00	-8.625	622.579	0.019	622.599	20.00		-14.375	622.477	0.030	622.507	20.00		20.00	14.375	641.728	0.012	641.740	20.00	8.625	641.830	0.011	641.843	20.00		20.00	14.375	642.304	0.007	642.312	20.00	8.625	642.406	0.004	642.410
		30.00	-8.625	623.155	0.037	623.192	30.00		-14.375	623.053	0.049	623.102	30.00		30.00	14.375	642.304	0.007	642.312	30.00	8.625	642.406	0.004	642.410	30.00		30.00	14.375	642.878	0.008	642.885	30.00	8.625	642.980	0.004	642.983
		40.00	-8.625	623.731	0.055	623.786	40.00		-14.375	623.629	0.068	623.697	40.00		40.00	14.375	642.878	0.008	642.885	40.00	8.625	642.980	0.004	642.983	40.00		40.00	14.375	643.452	0.008	643.460	40.00	8.625	643.554	0.004	643.558
		50.00	-8.625	624.307	0.069	624.377	50.00		-14.375	624.205	0.083	624.288	50.00		50.00	14.375	643.452	0.008	643.460	50.00	8.625	643.554	0.004	643.558	50.00		50.00	14.375	644.024	0.008	644.032	50.00	8.625	644.126	0.004	644.130
		60.00	-8.625	624.883	0.078	624.962	60.00		-14.375	624.781	0.092	624.873	60.00		60.00	14.375	644.024	0.008	644.032	60.00	8.625	644.126	0.004	644.130	60.00		60.00	14.375	644.596	0.008	644.604	60.00	8.625	644.700	0.004	644.704
		70.00	-8.625	625.459	0.079	625.538	70.00		-14.375	625.357	0.093	625.450	70.00		70.00	14.375	644.596	0.008	644.604	70.00	8.625	644.700	0.004	644.704	70.00		70.00	14.375	645.168	0.008	645.176	70.00	8.625	645.272	0.004	645.276
		80.00	-8.625	626.035	0.072	626.108	80.00		-14.375	625.933	0.086	626.019	80.00		80.00	14.375	645.168	0.008	645.176	80.00	8.625	645.272	0.004	645.276	80.00		80.00	14.375	645.740	0.008	645.748	80.00	8.625	645.844	0.004	645.848
		90.00	-8.625	626.611	0.059	626.670	90.00		-14.375	626.509	0.071	626.580	90.00		90.00	14.375	645.740	0.008	645.748	90.00	8.625	645.844	0.004	645.848	90.00		90.00	14.375	646.312	0.008	646.320	90.00	8.625	646.416	0.004	646.420
		100.00	-8.625	627.187	0.041	627.228	100.00		-14.375	627.085	0.052	627.137	100.00		100.00	14.375	646.312	0.008	646.320	100.00	8.625	646.416	0.004	646.420	100.00		100.00	14.375	646.884	0.008	646.892	100.00	8.625	646.988	0.004	646.992
		110.00	-8.625	627.763	0.022	627.785	110.00		-14.375	627.661	0.032	627.693	110.00		110.00	14.375	646.884	0.008	646.892	110.00	8.625	646.988	0.004	646.992	110.00		110.00	14.375	647.456	0.008	647.464	110.00	8.625	647.560	0.004	647.564
		120.00	-8.625	628.339	0.004	628.348	120.00		-14.375	628.237	0.016	628.253	120.00		120.00	14.375	647.456	0.008	647.464	120.00	8.625	647.560	0.004	647.564	120.00		120.00	14.375	648.028	0.008	648.036	120.00	8.625	648.132	0.004	648.136
		130.00	-8.625	628.915	0.003	628.918	130.00		-14.375	628.813	0.008	628.821	130.00		130.00	14.375	648.028	0.008	648.036	130.00	8.625	648.132	0.004	648.136	130.00		130.00	14.375	648.596	0.008	648.604	130.00	8.625	648.700	0.004	648.704
		131.37	-8.625	628.994	0.004	628.998	131.37		-14.375	628.892	0.008	628.900	131.37		131.37	14.375	648.596	0.008	648.604	131.37	8.625	648.700	0.004	648.704	131.37		131.37	14.375	649.168	0.008	649.176	131.37	8.625	649.272	0.004	649.276
SPAN 43-44		0.00	-8.625	628.994	0.004	628.998	0.00		-14.375	628.892	0.008	628.900	0.00		0.00	14.375	648.596	0.008	648.604	0.00	8.625	648.700	0.004	648.704	0.00		0.00	14.375	649.168	0.008	649.176	0.00	8.625	648.700	0.004	648.704
		10.00	-8.625	629.570	0.007	629.578	10.00		-14.375	629.468	0.015	629.484	10.00		10.00	14.375	649.168	0.008	649.176	10.00	8.625	649.272	0.004	649.276	10.00		10.00	14.375	649.740	0.008	649.748	10.00	8.625	649.844	0.004	649.848
		20.00	-8.625	630.146	0.019	630.165	20.00		-14.375	630.044	0.030	630.074	20.00		20.00	14.375	649.740	0.008	649.748	20.00	8.625	649.844	0.004	649.848	20.00		20.00	14.375	650.312	0.008	650.320	20.00	8.625	650.416	0.004	650.420
		30.00	-8.625	630.722	0.036	630.759	30.00		-14.375	630.620	0.049	630.669	30.00		30.00	14.375	650.312	0.008	650.320	30.00	8.625	650.416	0.004	650.420	30.00		30.00	14.375	650.884	0.008	650.892	30.00	8.625	650.988	0.004	650.992
		40.00	-8.625	631.298	0.054	631.352	40.00		-14.375	631.196	0.068	631.264	40.00		40.00	14.375	650.884	0.008	650.892	40.00	8.625	650.988	0.004	650.992	40.00		40.00	14.375	651.456	0.008	651.464	40.00	8.625	651.560	0.004	651.564
		50.00	-8.625	631.874	0.068	631.943	50.00		-14.375	631.772	0.087	631.867	50.00		50.00	14.375	651.456	0.008	651.464	50.00	8.625	651.560	0.004	651.564	50.00		50.00	14.375	652.028	0.008	652.036	50.00	8.625	652.132	0.004	652.136
		60.00	-8.625	632.450	0.075	632.526	60.00		-14.375	632.348	0.090	632.439	60.00		60.00	14.375	652.028	0.008	652.036	60.00	8.625	652.132	0.004	652.136	60.00		60.00	14.375	652.596	0.008	652.604	60.00	8.625	652.700	0.004	652.704
		70.00	-8.625	633.026	0.076	633.103	70.00		-14.375	632.924	0.089	633.014	70.00		70.00	14.375	652.596	0.008	652.604	70.00	8.625	652.700	0.004	652.704	70.00		70.00	14.375	653.168	0.008	653.176	70.00	8.625	653.272	0.004	653.276
		80.00	-8.625	633.602	0.068	633.671	80.00		-14.375	633.500	0.080	633.581	80.00		80.00	14.375	653.168	0.008	653.176	80.00	8.625	653.272	0.004	653.276	80.00		80.00	14.375	653.740	0.008	653.748	80.00	8.625	653.844	0.004	653.848
		90.00	-8.625	634.178	0.054	634.233	90.00		-14.375	634.076	0.065	634.142	90.00		90.00	14.375	653.740	0.008	653.748	90.00	8.625	653.844	0.004	653.848	90.00		90.00	14.375	654.312	0.008	654.320	90.00	8.625	654.416	0.004	654.420
		100.00	-8.625	634.754	0.039	634.791	100.00		-14.375	634.652	0.046	634.699	100.00		100.00	14.375	654.312	0.008	654.320	100.00	8.625	654.416	0.004	654.420	100.00		100.00	14.375	654.884	0.008	654.892	100.00	8.625	654.988	0.004	654.992
		110.00	-8.625	635.330	0.019	635.350	110.00		-14.375	635.228	0.027	635.254	110.00		110.00	14.375	654.884	0.008	654.892	110.00	8.625	654.988	0.004	654.992	110.00		110.00	14.375	655.456	0.008	655.464	110.00	8.625	655.560	0.004	655.564
		120.00	-8.625	635.906	0.007	635.914	120.00		-14.375	635.804	0.012	635.816	120.00		120.00	14.375	655.456	0.008	655.464	120.00	8.625	655.560	0.004	655.564	120.00		120.00	14.375	656.028	0.008	656.036	120.00	8.625	656.132	0.004	656.136
		126.59	-8.625	636.286	0.004	636.290	126.59		-14.375	636.184	0.007</																									

		GIRDER G-51					GIRDER G-52					GIRDER G-53					GIRDER G-54						
		DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION	DISTANCE FROM SUPPORT (FT)	NORMAL OFFSET (FEET)	THEORETICAL GRADE ELEVATION	DEAD LOAD DEFLECTION (FEET)	THEO. ELEV. ADJ. FOR DEFLECTION		
SPAN 44-45	0.00	2.875	637.888	0.014	637.902	637.902	0.00	-2.875	637.888	0.014	637.902	637.902	0.00	-8.625	637.798	0.016	637.814	637.814	0.00	-14.375	637.696	0.010	637.706
	10.00	2.875	638.464	0.037	638.501	638.501	10.00	-2.875	638.464	0.037	638.501	638.501	10.00	-8.625	638.374	0.039	638.413	638.413	10.00	-14.375	638.272	0.023	638.295
	20.00	2.875	639.040	0.055	639.095	639.095	20.00	-2.875	639.040	0.055	639.095	639.095	20.00	-8.625	638.950	0.057	639.007	639.007	20.00	-14.375	638.858	0.039	638.881
	30.00	2.875	639.616	0.062	639.678	639.678	30.00	-2.875	639.616	0.062	639.678	639.678	30.00	-8.625	639.524	0.064	639.591	639.591	30.00	-14.375	639.424	0.038	639.462
	40.00	2.875	640.192	0.059	640.252	640.252	40.00	-2.875	640.192	0.059	640.252	640.252	40.00	-8.625	640.102	0.061	640.164	640.164	40.00	-14.375	640.020	0.037	640.037
	50.00	2.875	640.768	0.047	640.815	640.815	50.00	-2.875	640.768	0.047	640.815	640.815	50.00	-8.625	640.678	0.049	640.727	640.727	50.00	-14.375	640.574	0.034	640.607
	60.00	2.875	641.344	0.028	641.373	641.373	60.00	-2.875	641.344	0.028	641.373	641.373	60.00	-8.625	641.254	0.030	641.285	641.285	60.00	-14.375	641.152	0.021	641.173
	70.00	2.875	641.920	0.011	641.931	641.931	70.00	-2.875	641.920	0.011	641.931	641.931	70.00	-8.625	641.830	0.013	641.843	641.843	70.00	-14.375	641.728	0.012	641.740
	80.00	2.875	642.496	0.002	642.498	642.498	80.00	-2.875	642.496	0.002	642.498	642.498	80.00	-8.625	642.406	0.004	642.410	642.410	80.00	-14.375	642.304	0.007	642.312
LINK TO PIER 45	80.74	2.875	642.539	0.002	642.541	642.541	80.74	-2.875	642.539	0.002	642.541	642.541	80.74	-8.625	642.449	0.004	642.453	642.453	80.74	-14.375	642.347	0.008	642.355
	0.00	2.875	642.539	0.002	642.541	642.541	0.00	-2.875	642.539	0.002	642.541	642.541	0.00	-8.625	642.449	0.004	642.453	642.453	0.00	-14.375	642.347	0.008	642.355
	10.00	2.875	643.115	0.006	643.121	643.121	10.00	-2.875	643.115	0.006	643.121	643.121	10.00	-8.625	643.025	0.008	643.033	643.033	10.00	-14.375	642.923	0.010	642.934
	20.00	2.875	643.691	0.018	643.709	643.709	20.00	-2.875	643.691	0.018	643.709	643.709	20.00	-8.625	643.535	0.020	643.543	643.543	20.00	-14.375	643.431	0.014	643.448
	30.00	2.875	644.267	0.031	644.298	644.298	30.00	-2.875	644.267	0.031	644.298	644.298	30.00	-8.625	644.177	0.033	644.210	644.210	30.00	-14.375	644.075	0.027	644.102
	40.00	2.875	644.843	0.040	644.883	644.883	40.00	-2.875	644.843	0.040	644.883	644.883	40.00	-8.625	644.753	0.042	644.795	644.795	40.00	-14.375	644.651	0.032	644.684
	50.00	2.875	645.419	0.042	645.461	645.461	50.00	-2.875	645.419	0.042	645.461	645.461	50.00	-8.625	645.329	0.044	645.371	645.371	50.00	-14.375	645.227	0.034	645.261
	60.00	2.875	645.995	0.032	646.032	646.032	60.00	-2.875	645.995	0.032	646.032	646.032	60.00	-8.625	645.905	0.034	645.944	645.944	60.00	-14.375	645.803	0.030	645.834
	70.00	2.875	646.571	0.025	646.597	646.597	70.00	-2.875	646.571	0.025	646.597	646.597	70.00	-8.625	646.461	0.027	646.509	646.509	70.00	-14.375	646.379	0.023	646.403
SPAN 45-46	80.00	2.875	647.147	0.012	647.159	647.159	80.00	-2.875	647.147	0.012	647.159	647.159	80.00	-8.625	647.057	0.014	647.072	647.072	80.00	-14.375	646.955	0.015	646.970
	90.00	2.875	647.723	0.003	647.726	647.726	90.00	-2.875	647.723	0.003	647.726	647.726	90.00	-8.625	647.633	0.005	647.638	647.638	90.00	-14.375	647.531	0.006	647.540
	95.44	2.875	648.039	0.002	648.041	648.041	95.44	-2.875	648.039	0.002	648.038	648.038	95.44	-8.625	647.945	0.004	647.950	647.950	95.44	-14.375	647.844	0.008	647.852
	0.00	2.875	648.039	0.002	648.041	648.041	0.00	-2.875	648.039	0.002	648.038	648.038	0.00	-8.625	647.945	0.004	647.950	647.950	0.00	-14.375	647.844	0.008	647.852
	10.00	2.874	648.613	0.006	648.620	648.620	10.00	-2.872	648.603	0.006	648.610	648.610	10.00	-8.625	648.513	0.008	648.522	648.522	10.00	-14.375	648.411	0.011	648.423
	20.00	2.874	649.177	0.019	649.195	649.195	20.00	-2.874	649.167	0.019	649.181	649.181	20.00	-8.625	649.072	0.021	649.089	649.089	20.00	-14.375	648.970	0.013	648.983
	30.00	2.874	649.731	0.034	649.764	649.764	30.00	-2.875	649.710	0.034	649.744	649.744	30.00	-8.625	649.620	0.035	649.656	649.656	30.00	-14.375	649.518	0.027	649.546
	40.00	2.874	650.275	0.044	650.319	650.319	40.00	-2.875	650.250	0.044	650.294	650.294	40.00	-8.625	650.160	0.045	650.205	650.205	40.00	-14.375	650.105	0.032	650.091
	50.00	2.874	650.806	0.045	650.851	650.851	50.00	-2.875	650.780	0.045	650.825	650.825	50.00	-8.625	650.690	0.046	650.736	650.736	50.00	-14.375	650.588	0.032	650.620
SPAN 46-N	60.00	2.866	651.323	0.037	651.361	651.361	60.00	-2.863	651.301	0.037	651.339	651.339	60.00	-8.617	651.211	0.038	651.249	651.249	60.00	-14.368	651.148	0.026	651.135
	70.00	2.861	651.851	0.021	651.869	651.869	70.00	-2.860	651.833	0.021	651.855	651.855	70.00	-8.608	651.723	0.021	651.744	651.744	70.00	-14.361	651.648	0.014	651.634
	79.43	2.798	652.324	0.000	652.324	652.324	79.43	-2.951	651.313	0.000	652.313	652.313	79.43	-8.701	652.222	0.000	652.222	652.222	79.43	-14.651	652.117	0.000	652.117



FOR INFORMATION ONLY

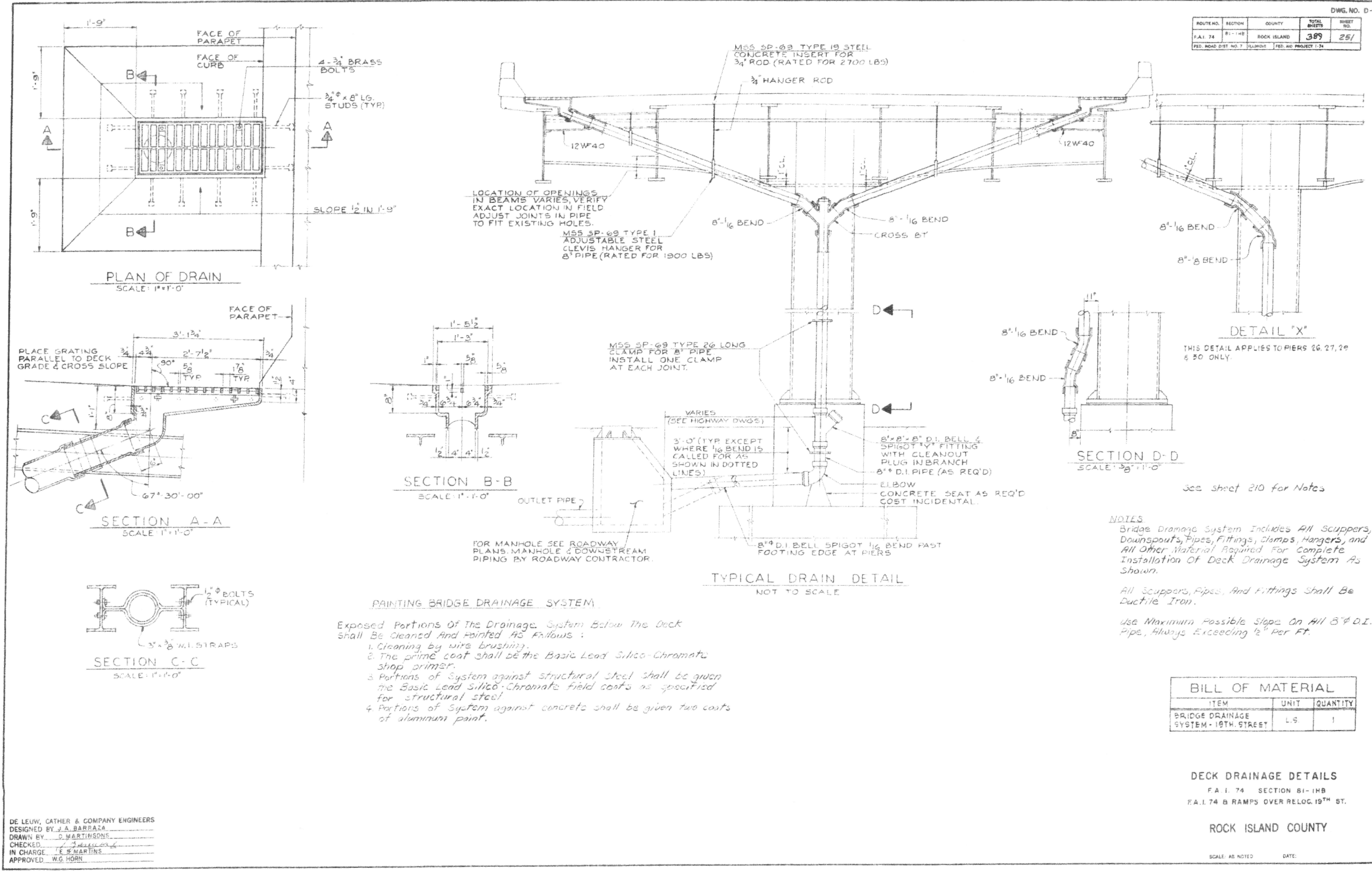


USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 03/23/2017	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - EXPANSION GUARD DETAILS
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A
SHEET NO. 38 OF 45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-IHR	ROCK ISLAND	2042	906
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

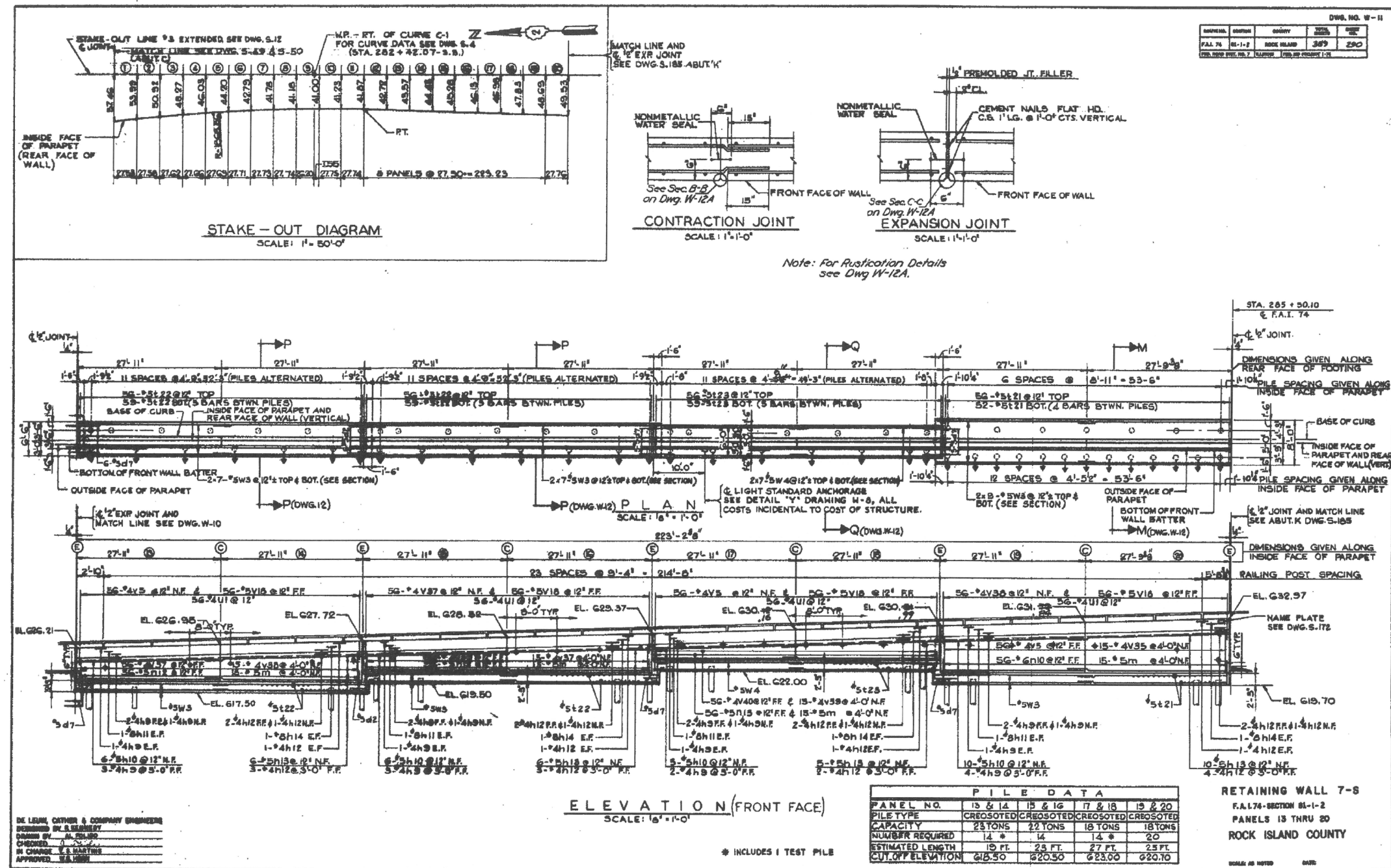


USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - DECK DRAINAGE DETAILS
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A
SHEET NO. 39 OF 45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	907
CONTRACT NO. 64E26				



FOR INFORMATION ONLY

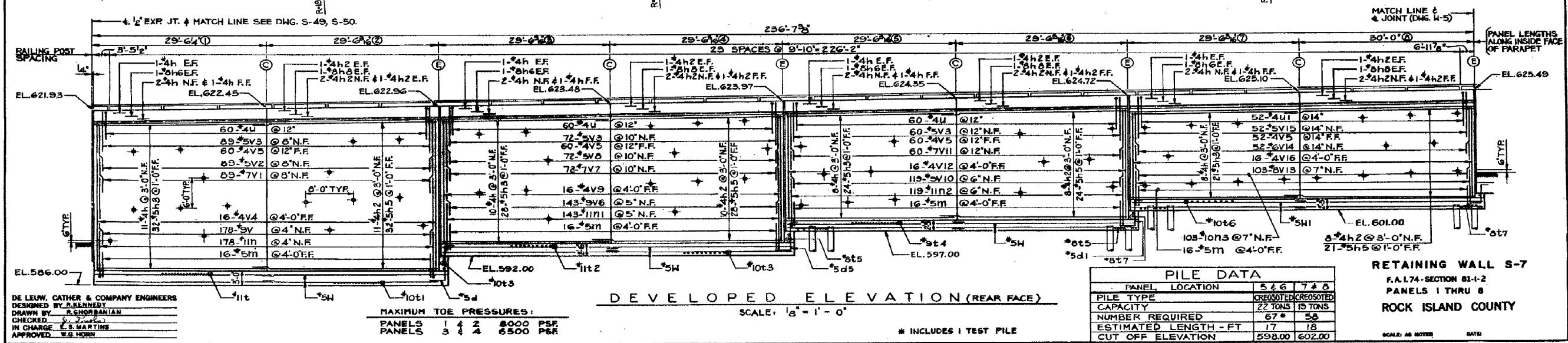
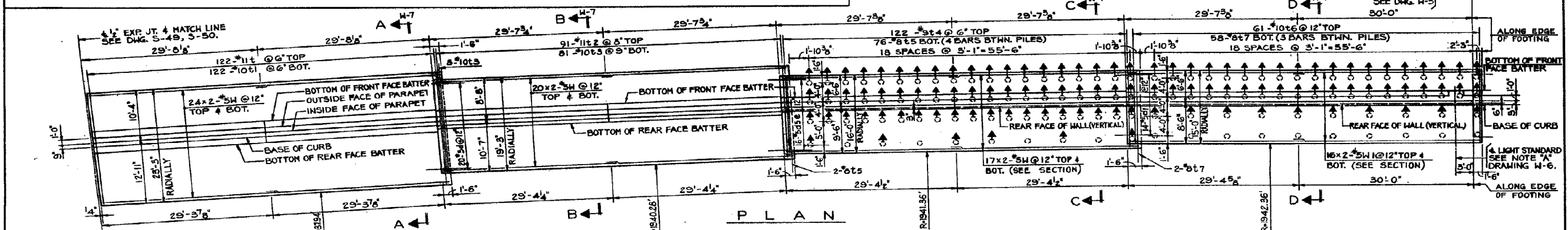
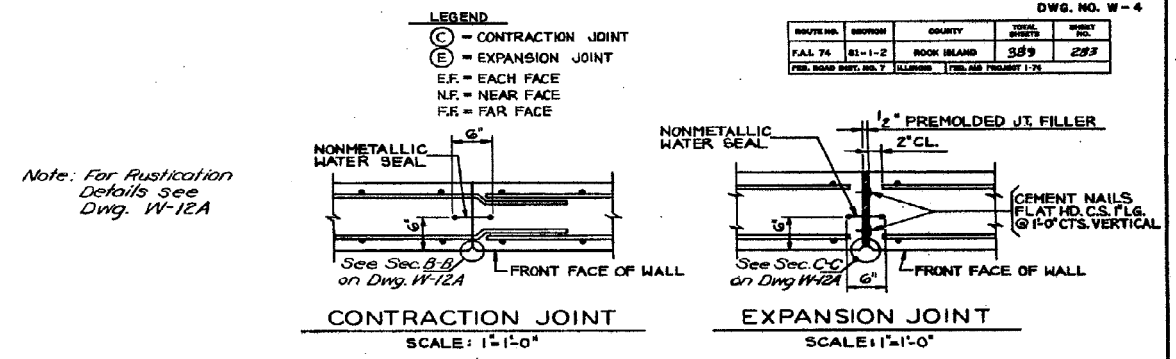
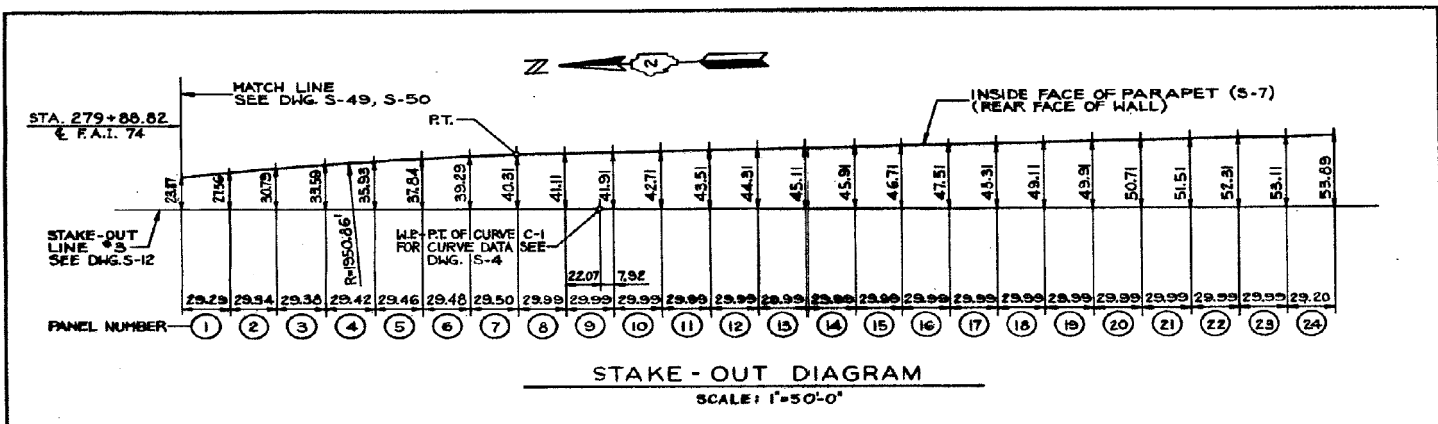


USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - RETAINING WALL 7-S
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A
SHEET NO. 40 OF 45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HR	ROCK ISLAND	2042	908
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY



USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - RETAINING WALL S-7 (PANELS 1 THRU 8)
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A

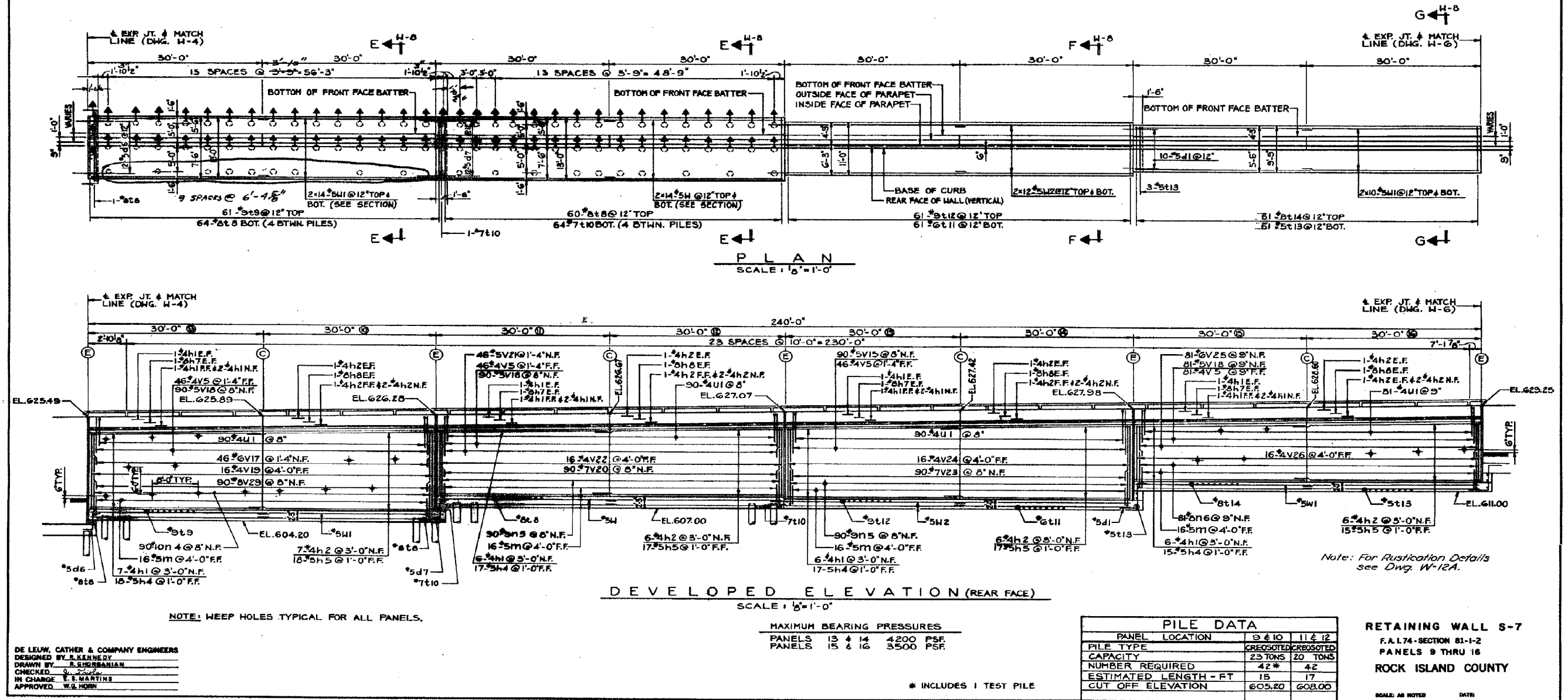
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	909
CONTRACT NO. 64E26				

SHEET NO. 41 OF 45 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

DWG. NO. W-5

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1-E	ROCK ISLAND	309	266
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 1-74				



FOR INFORMATION ONLY



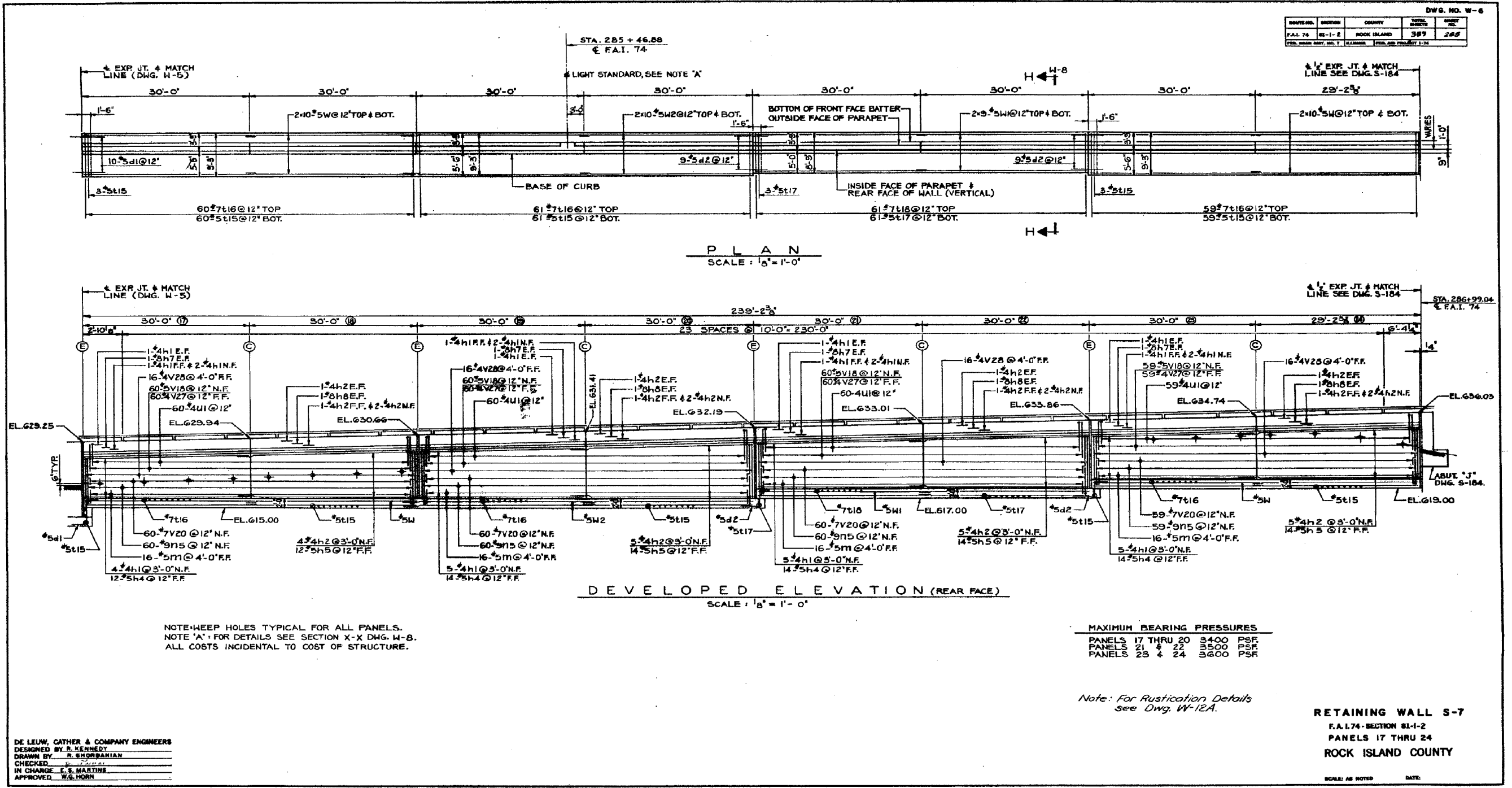
USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - RETAINING WALL S-7 (PANELS 9 THRU 16)
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A

SHEET NO. 42 OF 45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HR	ROCK ISLAND	2042	910
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY



USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - RETAINING WALL S-7 (PANELS 17 THRU 24)
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A

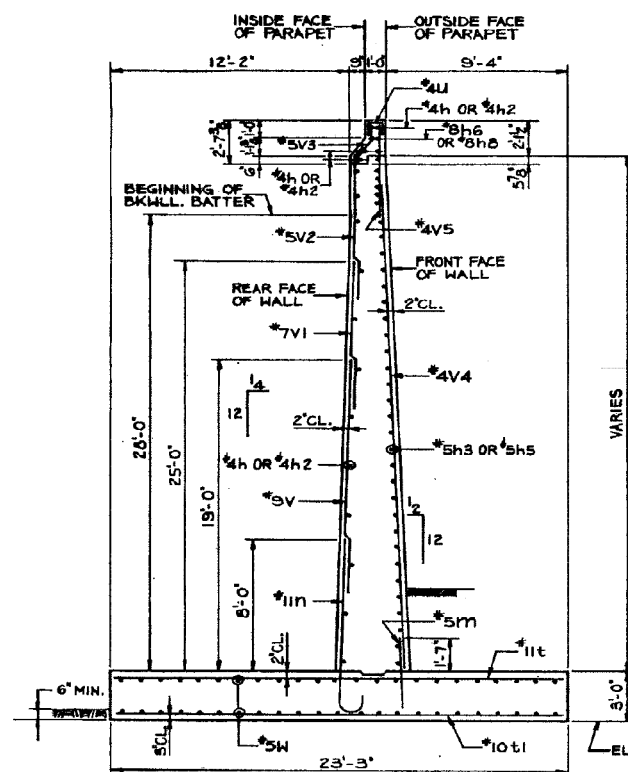
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	911
CONTRACT NO. 64E26				

SHEET NO. 43 OF 45 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

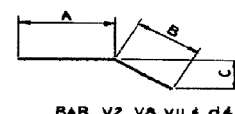
DWG. NO. W-7					
NO.	REV.	DATE	BY	CHKD.	APP'D.
1	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
2	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
3	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
4	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
5	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
6	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
7	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
8	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
9	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
10	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
11	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
12	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
13	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
14	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
15	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
16	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
17	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
18	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
19	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
20	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
21	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
22	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
23	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
24	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
25	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
26	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
27	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
28	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
29	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
30	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
31	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
32	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
33	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
34	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
35	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
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37	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
38	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
39	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
40	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
41	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
42	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
43	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
44	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
45	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
46	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
47	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
48	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
49	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
50	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
51	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
52	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
53	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
54	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
55	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
56	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
57	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
58	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
59	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
60	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
61	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
62	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
63	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
64	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
65	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
66	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
67	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
68	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
69	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
70	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
71	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
72	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
73	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
74	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
75	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
76	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
77	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
78	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
79	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
80	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
81	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
82	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
83	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
84	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
85	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
86	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
87	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
88	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
89	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
90	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
91	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
92	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
93	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
94	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
95	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
96	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
97	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
98	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
99	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN
100	1	11-1-82	W.B. HORN	W.B. HORN	W.B. HORN

Note: For Rustication Details see Dwg. W-12A.



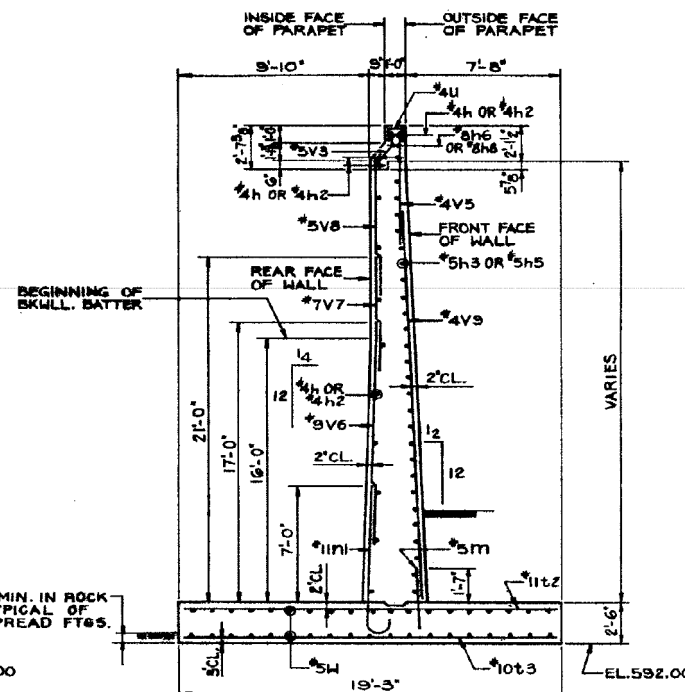
PANELS ① & ②
SCALE: 1/4"=1'-0"

SECTION A-A (DWG. W-4)



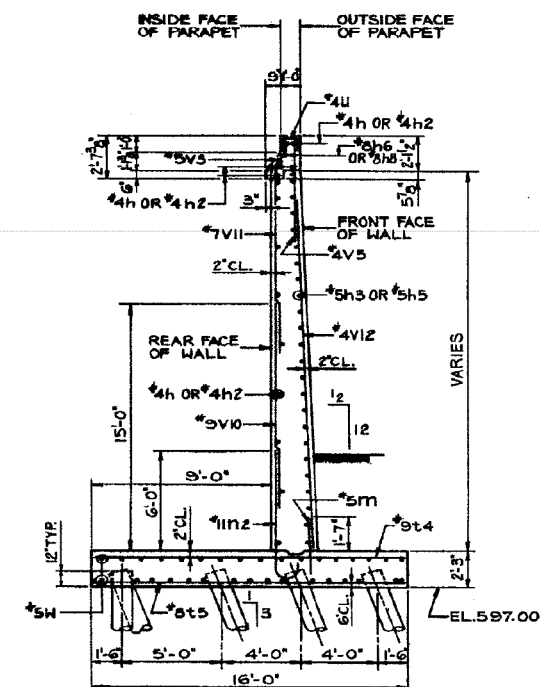
BAR	A	B	C
V2	8'-6"	1'-6"	9'-2"
V3	8'-0"	1'-6"	9'-2"
V4	10'-5"	1'-6"	9'-2"
V5	4'-3"	1'-6"	9'-2"

DE LEIWE, GATHER & COMPANY ENGINEERS
DESIGNED BY R. HENRIEDY
DRAWN BY R. HENRIEDY
CHECKED BY R. HENRIEDY
IN CHARGE R. HENRIEDY
APPROVED W.B. HORN



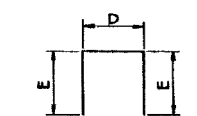
PANELS ③ & ④
SCALE: 1/4"=1'-0"

SECTION B-B (DWG. W-4)

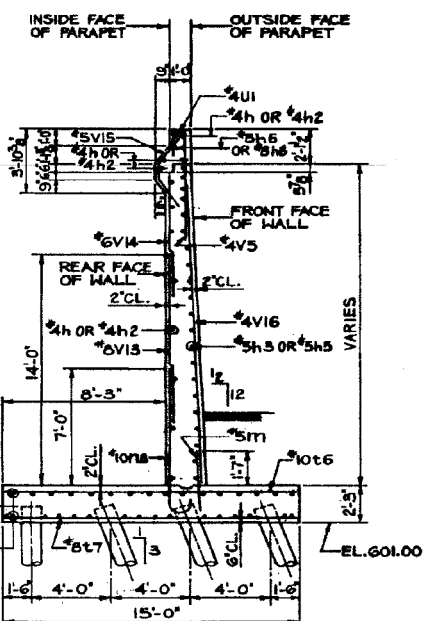


PANELS ⑤ & ⑥
SCALE: 1/4"=1'-0"

SECTION C-C (DWG. W-4)

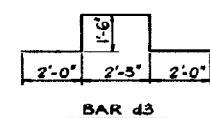


BAR	D	E
U	8"	9"
U1	8"	2'-0"



PANELS ⑦ & ⑧
SCALE: 1/4"=1'-0"

SECTION D-D (DWG. W-4)



NOTE:
FOR RAILING DETAILS
SEE DWG. NO. S-172.

RETAINING WALL S-7
CROSS SECTIONS
F.A.I. 74-SECTION 81-1-2
PANELS 1 THRU 8
ROCK ISLAND COUNTY

BILL OF MATERIAL *		
ITEM	UNIT	QUANTITY
STRUCTURE EXCAVATION	CU. YD.	6567
CLASS 'A' CONCRETE	CU. YD.	1722.2
REINFORCEMENT BARS	POUND	224,805
ALUMINUM RAILING	LIN. FT.	716
PROTECTIVE COAT	SQ. YD.	280
FURNISHING CROSSED PILES UP TO 20 FT.	LIN. FT.	3495
DRIVING TIMBER PILES	LIN. FT.	3495
TEST PILES (TIMBER)	EACH	2

* INCLUDES ALL WORK SHOWN ON DWG. W-4 THRU W-7.

FOR INFORMATION ONLY



USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

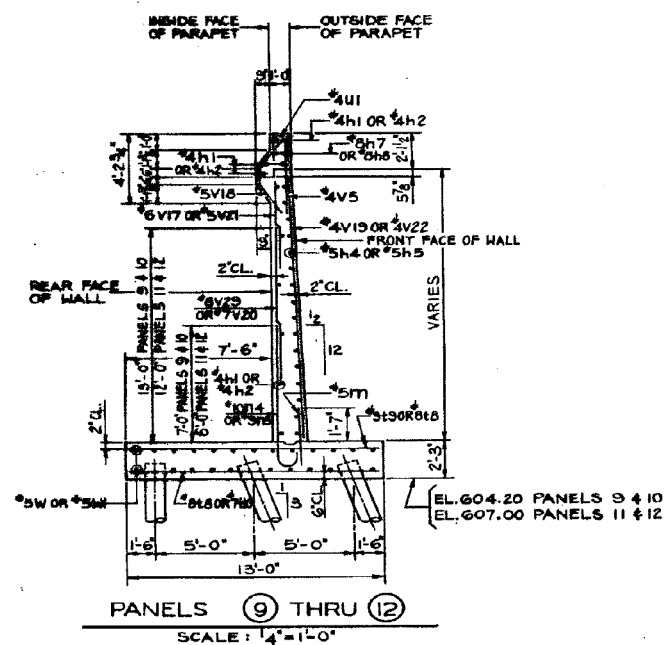
EXISTING PLANS - RETAINING WALL S-7 (CROSS SECTIONS)
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A

SHEET NO. 44 OF 45 SHEETS

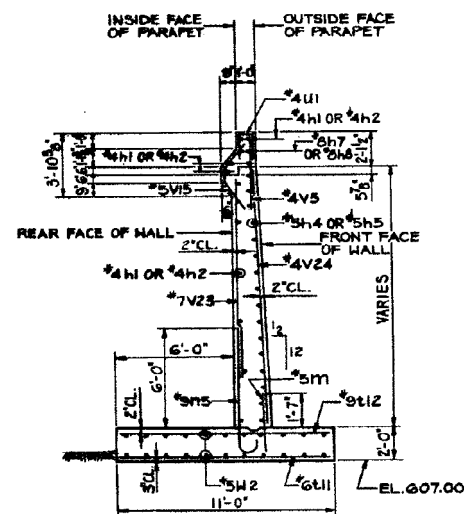
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	912
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1-2	ROCK ISLAND	383	287
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 1-74				

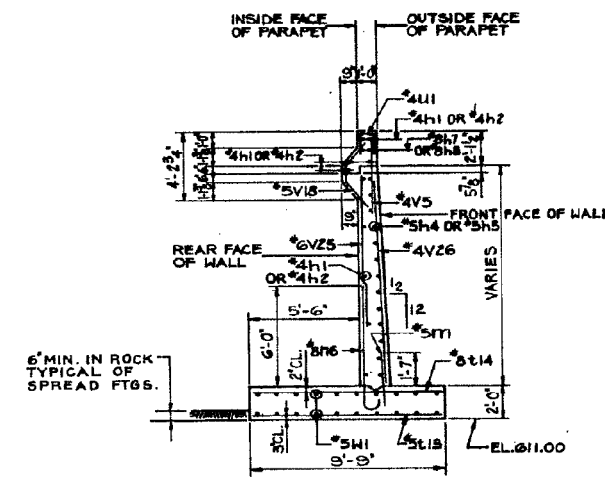
Note: For Rustication Details
see Dwg. W-12A.



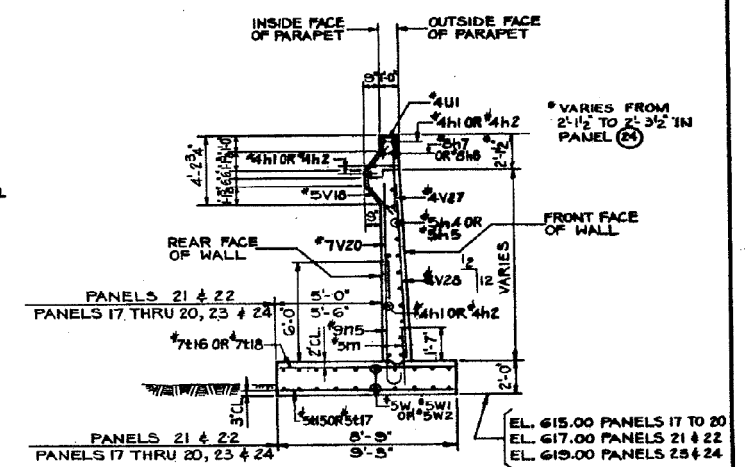
SECTION E-E (DWG. W-5)



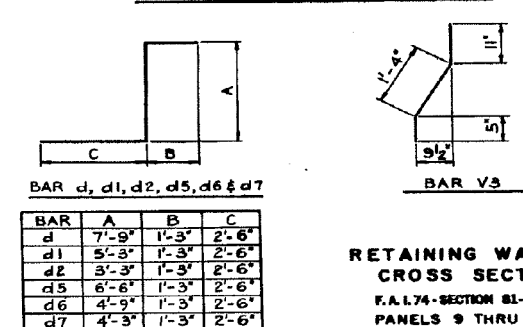
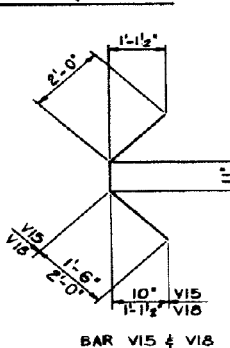
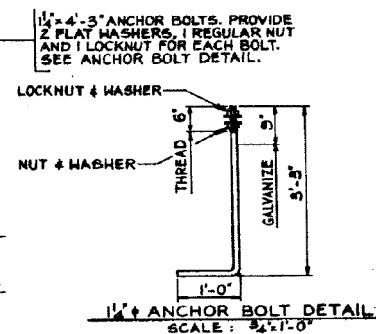
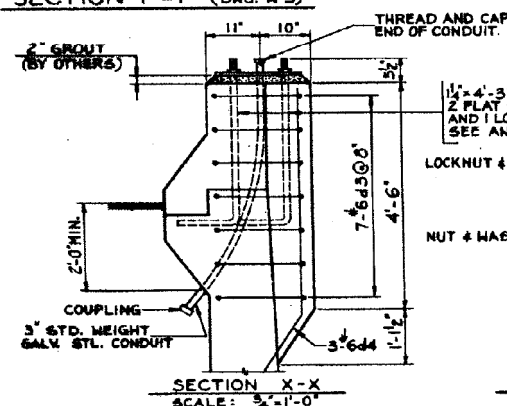
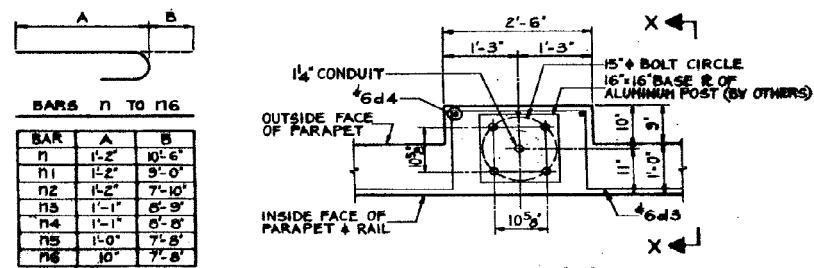
SECTION F-F (DWG. W-5)



SECTION G-G (DWG. W-5)



SECTION H-H (DWG. W-6)



RETAINING WALL S-7
CROSS SECTIONS
F.A.I. 74-SECTION 81-1-2
PANELS 9 THRU 24
ROCK ISLAND COUNTY

SCALE AS NOTED DATE:

FOR INFORMATION ONLY



USER NAME =
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PLOT SCALE =
DRAWN -
CHECKED -
PLOT DATE = 03/23/2017
IN CHARGE E. S. MARTINE
APPROVED W. G. HORN

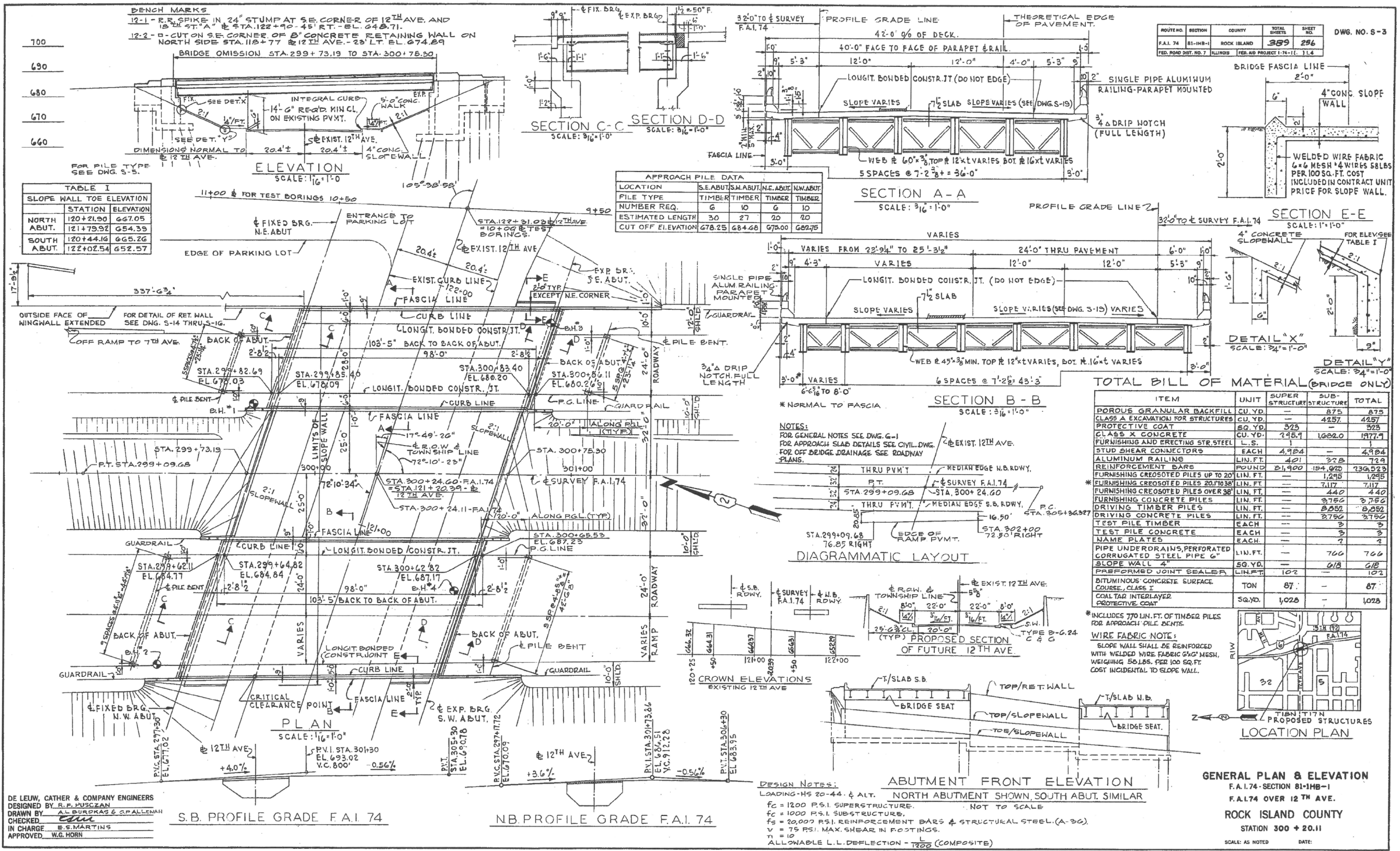
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - RETAINING WALL S-7 (CROSS SECTIONS)
I-74 AT 19TH ST. - SN 081-0179 WB, 081-0180 EB, 081-0181 RAMP 7TH-A
SHEET NO. 45 OF 45 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	913
CONTRACT NO. 64E26				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT



FOR INFORMATION ONLY

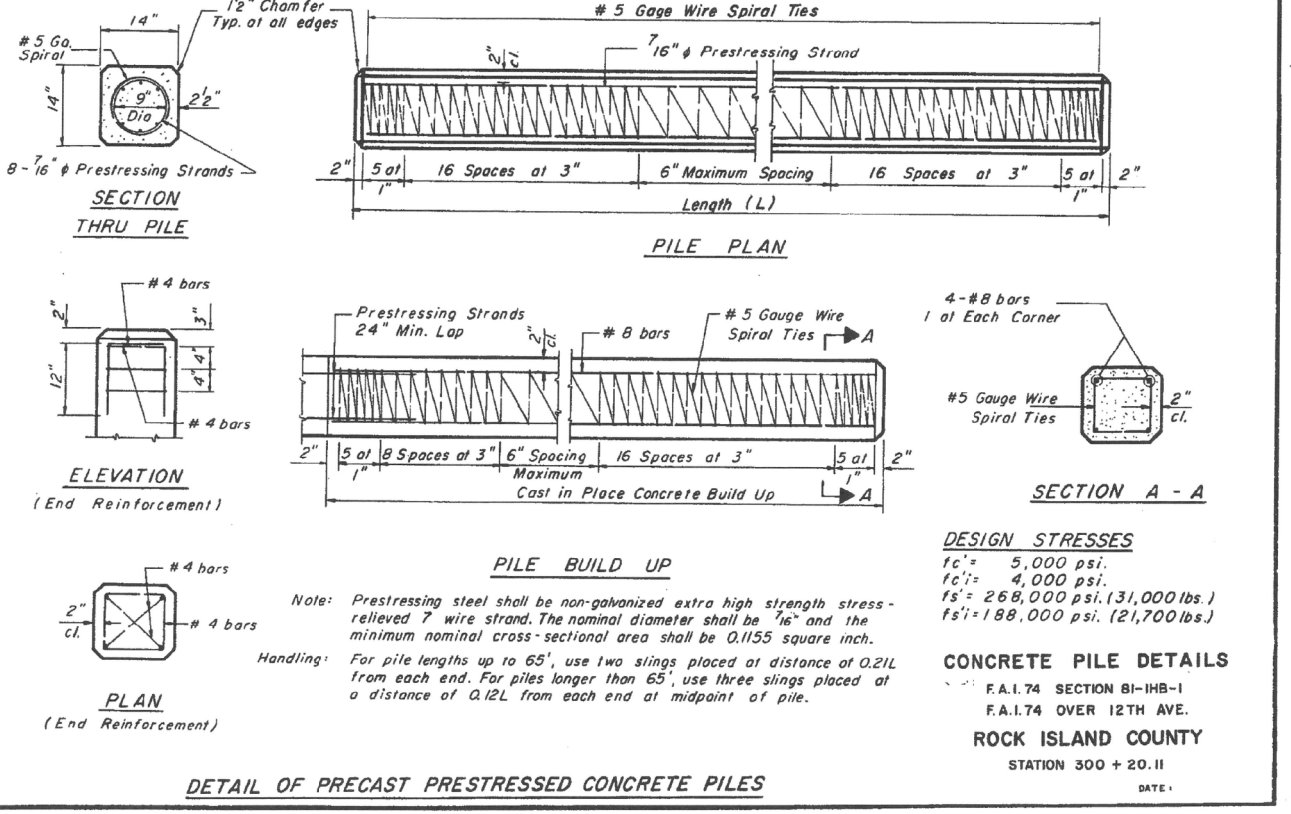
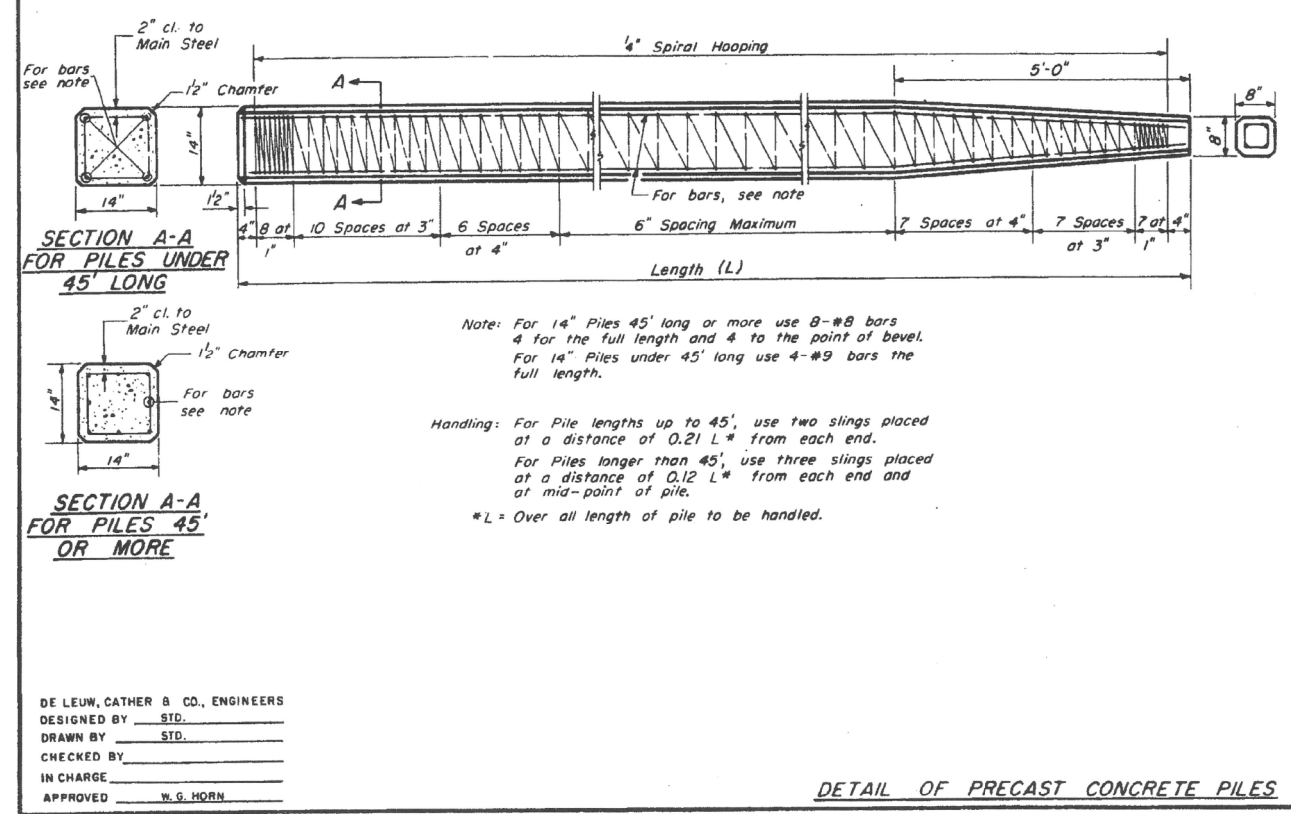
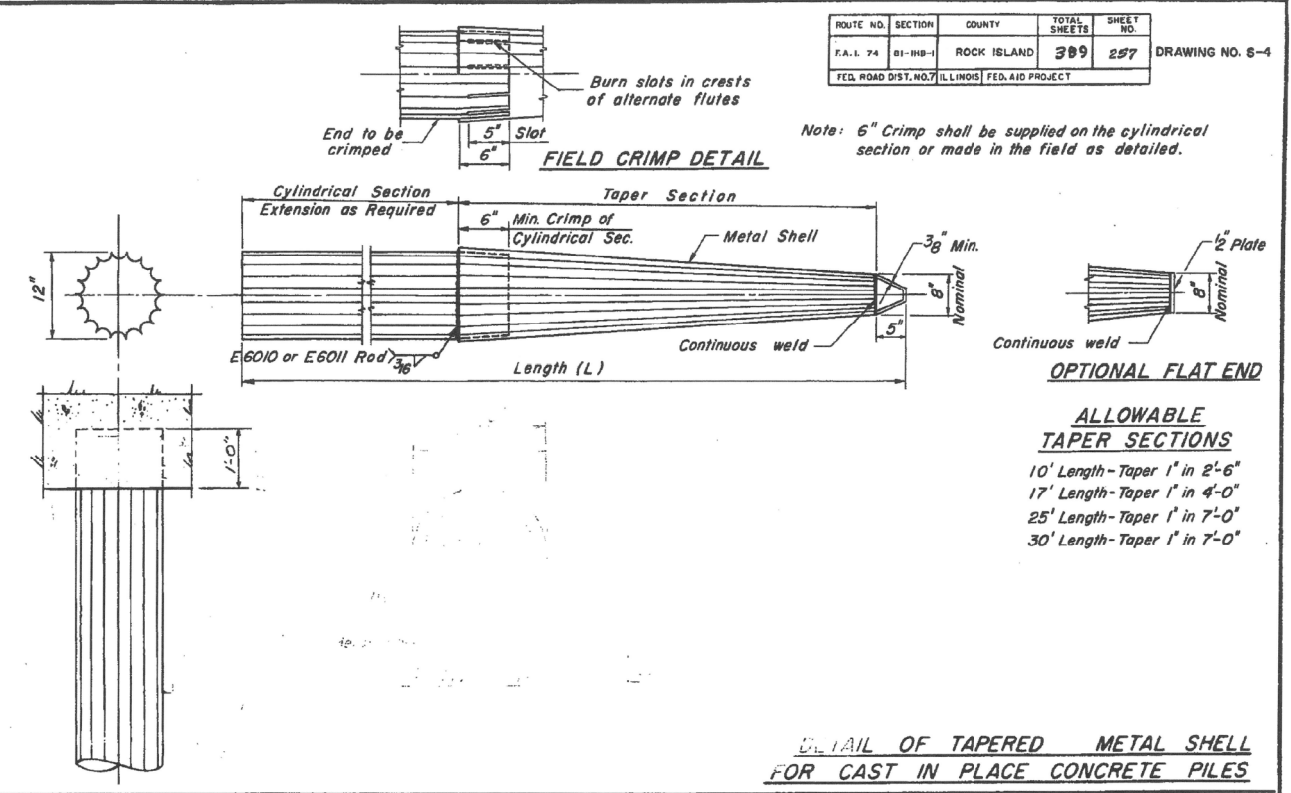
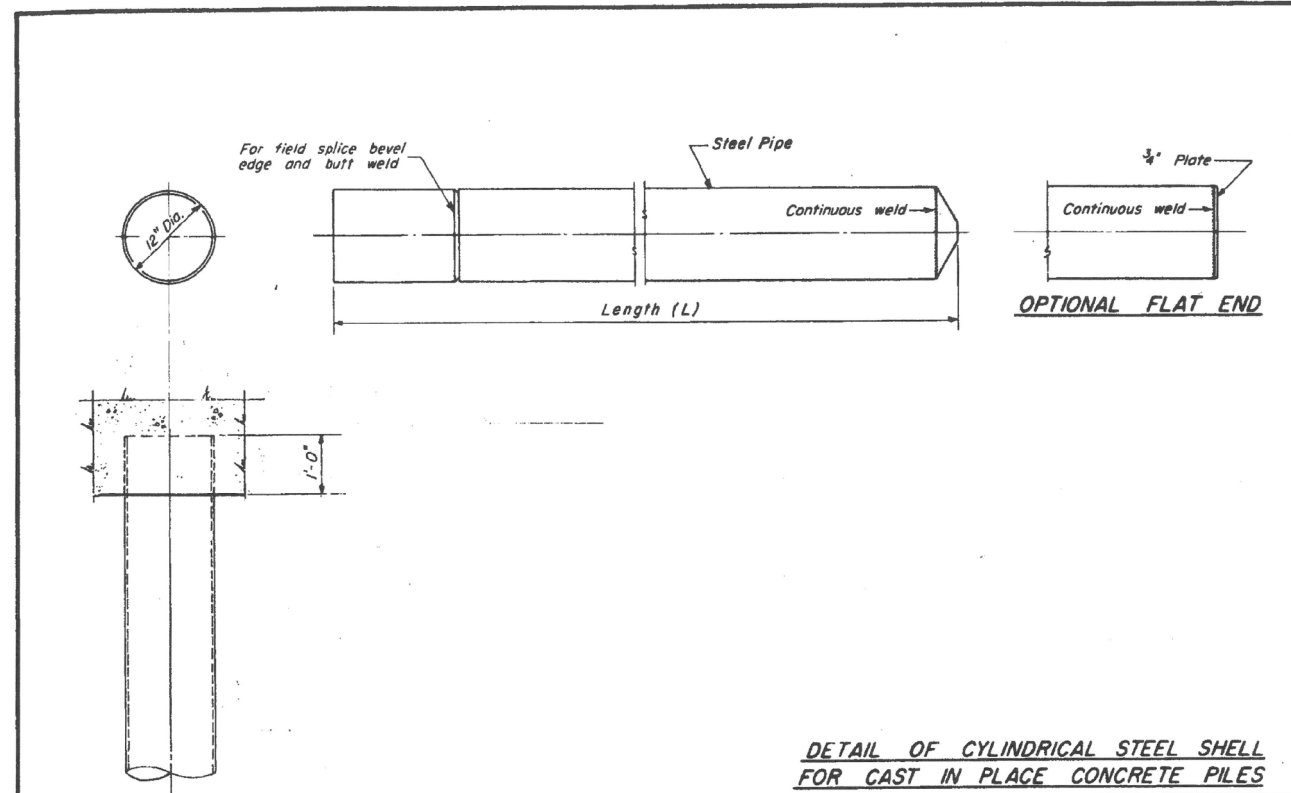


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PLOT DATE = 03/23/2017	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - GENERAL PLAN & ELEVATION
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 1 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	914
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



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PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - CONCRETE PILE DETAILS
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 2 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-IHB-1	ROCK ISLAND	2042	915
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	258
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 1-74-1E	1.4	

DWG. NO. S-5

PILE DATA					
PLAN LOCATION	STRUCTURE	PILE TYPE	MINIMUM CAPACITY TONS	NUMBER REQUIRED	ESTIMATED LENGTH FT.
(A)	N.E. ABUT.	CONCRETE	45	32	24
(B)	N. MIDWALL	TIMBER	24	36	20
(C)	N.W. ABUT.	TIMBER	24	54	26
(D)	N.W. ABUT. WINGWALL	TIMBER	24	4	38
(E)	S.E. ABUT. E. END	CONCRETE	45	39	44
(F)	S.E. ABUT. W. END	CONCRETE	45	39	34
(G)	S.E. ABUT. WINGWALL	TIMBER	24	10	44
(H)	S. MIDWALL E. END	TIMBER	24	45	28
(I)	S. MIDWALL W. END	TIMBER	24	45	14
(J)	S.W. ABUT.	CONCRETE	45	41	27
(K)	S.W. ABUT. WINGWALL	TIMBER	24	9	30

- DENOTES BATTER PILES
 ● DENOTES TIMBER PILES
 ⊙ DENOTES CONCRETE PILES

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
FURNISHING CREOSOTED PILES UP TO 20'	LIN. FT.	975
FURNISHING CREOSOTED PILES FROM 20' TO 38'	LIN. FT.	2496
FURNISHING CREOSOTED PILES OVER 38'	LIN. FT.	440
DRIVING TIMBER PILES	LIN. FT.	3911
TEST PILES (TIMBER)	EACH	2
FURNISHING CONCRETE PILES	LIN. FT.	3306
DRIVING CONCRETE PILES	LIN. FT.	3306
TEST PILES (CONCRETE)	EACH	3

PILE PLAN
 F.A.I. 74 - SECTION 81-1HB-1
 F.A.I. 74 OVER 12TH AVE.
 ROCK ISLAND COUNTY
 STATION 300 + 20.11
 SCALE: 1/8" = 1'-0" DATE:

DE LEUW, CATHY & COMPANY ENGINEERS
 DESIGNED BY: R. S. KOESTER
 DRAWN BY: O. MARTINSONS
 CHECKED: W. J. HALL
 IN CHARGE: E. S. MARTINS
 APPROVED: W. G. HORN

FOR INFORMATION ONLY



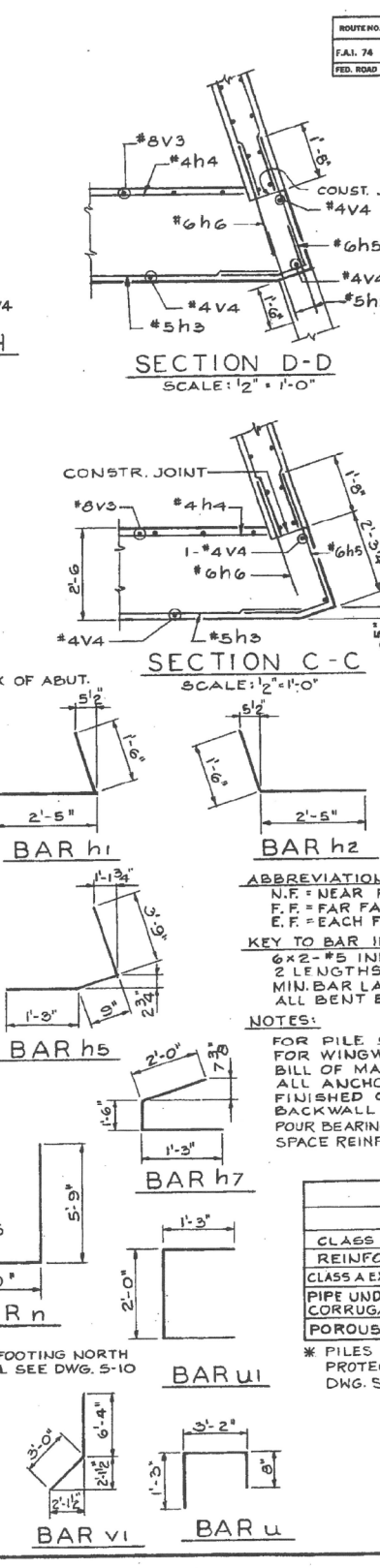
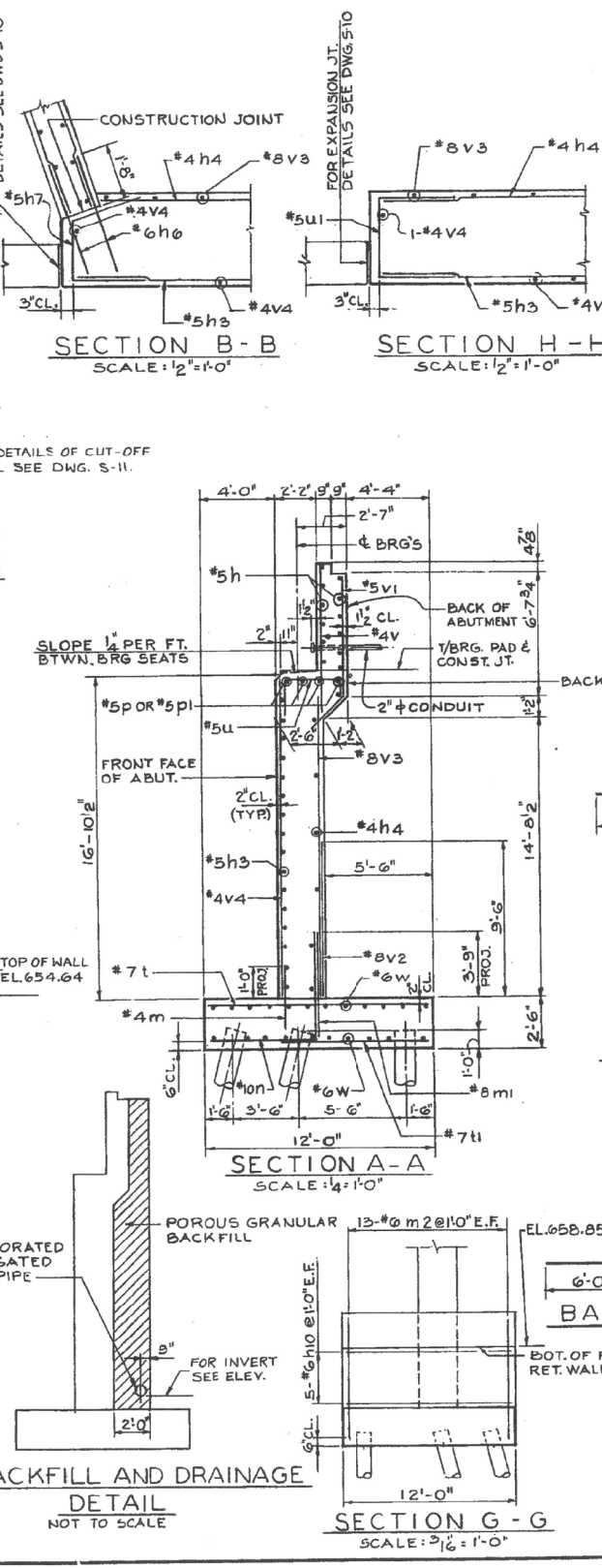
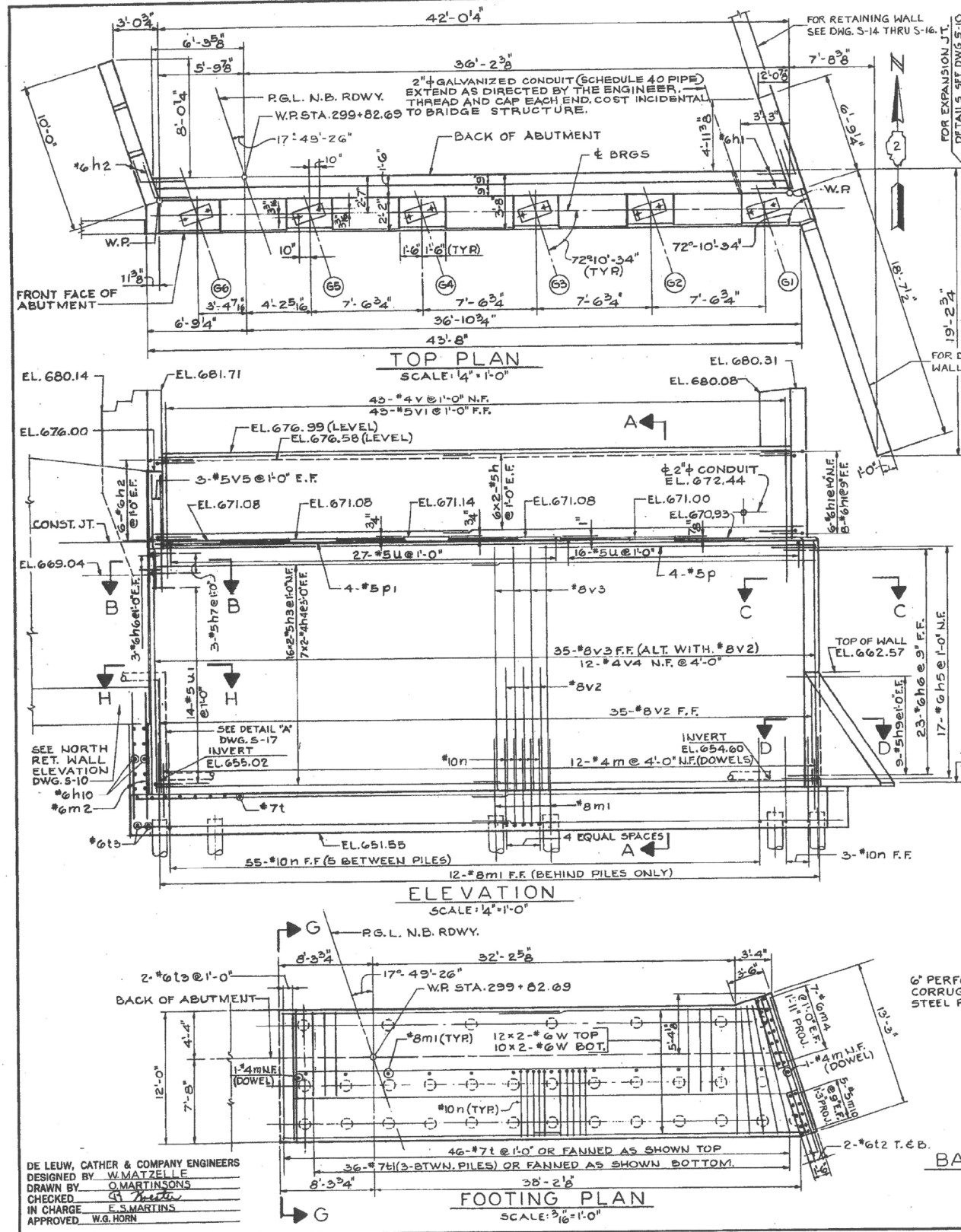
USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
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	CHECKED -	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - PILE PLAN
 I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 3 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	916
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



ROUTE NO. SECTION COUNTY TOTAL SHEETS SHEET NO.				
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	259
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 1-74-1 1.1.4				

BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
h	24	#5	21'-9"	
h1	14	#6	3'-11"	
h2	12	#6	3'-11"	
h3	32	#5	22'-6"	
h4	14	#4	22'-6"	
h5	17	#6	5'-9"	
h6	29	#6	3'-2"	
h7	3	#5	4'-9"	
h9	18	#5	2'-6"	
h10	10	#6	11'-8"	
m	14	#4	2'-0"	
m1	12	#8	5'-9"	
m2	26	#6	9'-0"	
m4	14	#6	4'-0"	
m10	10	#5	2'-6"	
n	58	#10	11'-9"	
p	4	#5	18'-0"	
p1	4	#5	27'-3"	
t	46	#7	11'-6"	
t1	36	#7	7'-3"	
t2	4	#6	12'-9"	
t3	2	#6	11'-6"	
u	43	#5	5'-1"	
u1	14	#5	4'-6"	
v	43	#4	7'-6"	
v1	43	#5	3'-4"	
v2	35	#8	9'-6"	
v3	35	#8	16'-9"	
v4	14	#4	16'-9"	
v5	6	#5	6'-3"	
w	44	#6	24'-6"	

ABBREVIATIONS:
N.F. = NEAR FACE.
F.F. = FAR FACE.
E.F. = EACH FACE.

KEY TO BAR INDICATIONS:
6x2-#5 INDICATES 6 LINES OF #5 BARS WITH 2 LENGTHS PER LINE.
MIN. BAR LAP = 24 DIA.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.

NOTES:
FOR PILE SPACING SEE DWG. S-5.
FOR WINGWALL DETAILS SEE DWG. S-11.
BILL OF MATERIAL INCLUDES WINGWALL QUANTITIES.
ALL ANCHOR BOLTS TO PROJECT 3/2" ABOVE FINISHED CONCRETE.
BACKWALL ELEVATIONS GIVEN AT NEAR FACE.
FOUR BEARING SEAT STEP MONOLITHICALLY WITH WALL.
SPACE REINFORCEMENT TO MISS ANCHOR BOLTS.

BILL OF MATERIAL *		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YD.	153.1
REINFORCEMENT BARS	POUND	15,100
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	432
PIPE UNDERDRAINS PERFORATED CORRUGATED STEEL PIPE 6"	LIN. FT.	61
POROUS GRANULAR BACKFILL	CU. YD.	76

* PILES INCLUDED IN BILL OF MATERIAL DWG. S-5
PROTECTIVE COAT INCLUDED IN BILL OF MATERIAL DWG. S-18.

NORTHEAST ABUTMENT
F.A.I. 74 - SECTION 81-1HB-1
F.A.I. 74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300 + 20.11
SCALE: AS NOTED DATE:

FOR INFORMATION ONLY



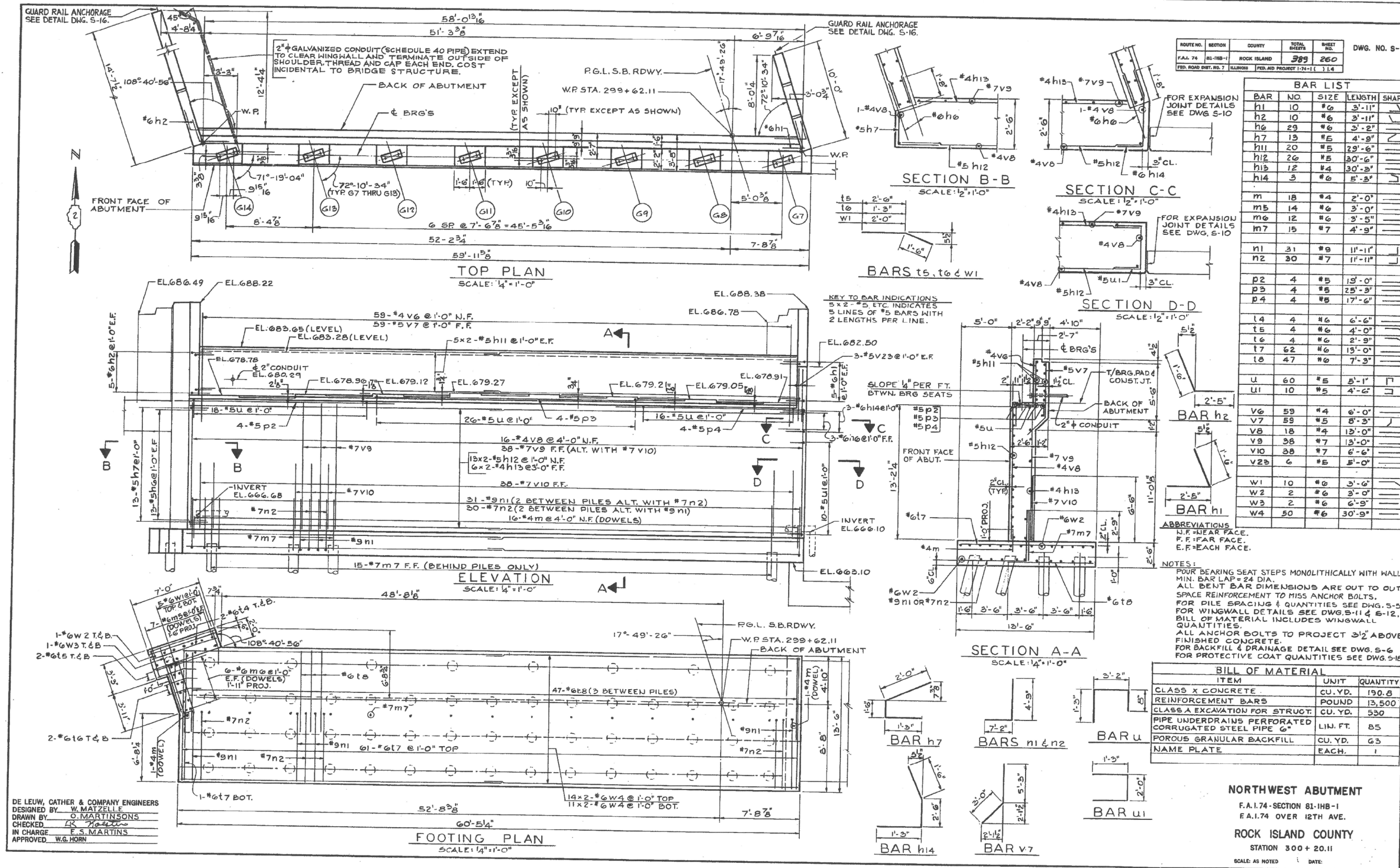
USER NAME =	DESIGNED -	REVISED -
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PLOT DATE = 03/23/2017	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - NORTHEAST ABUTMENT
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 4 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	917
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

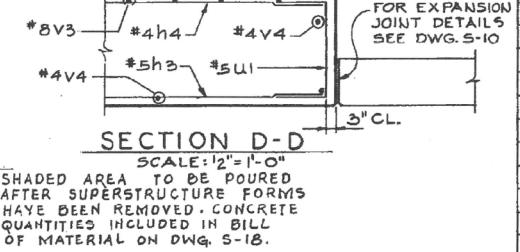
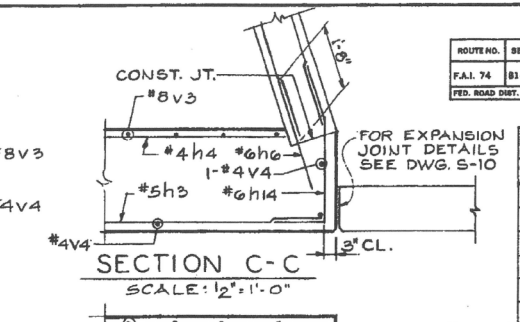
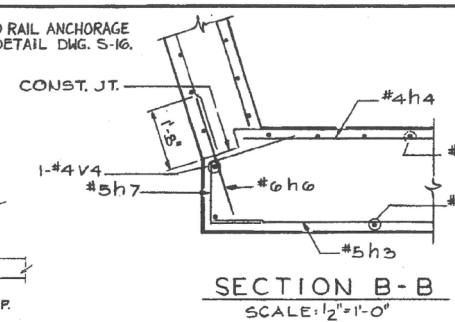
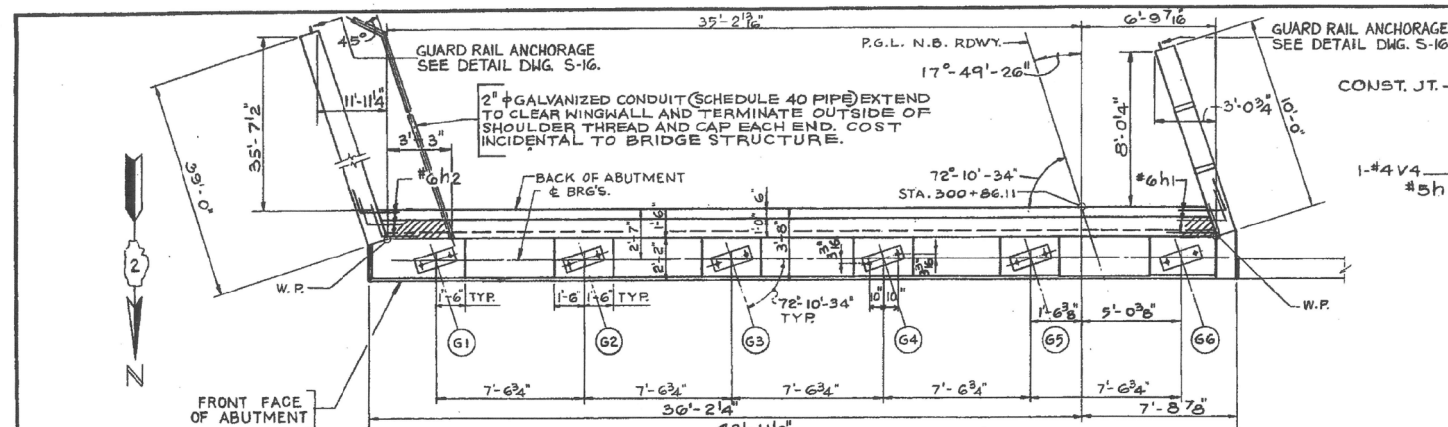


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PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
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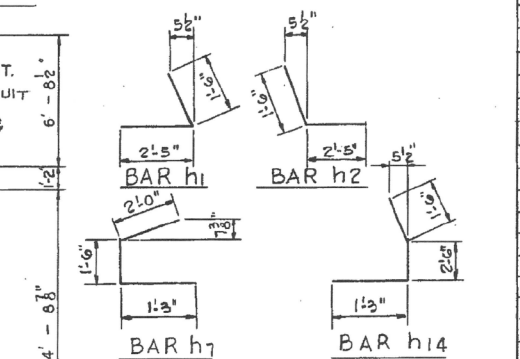
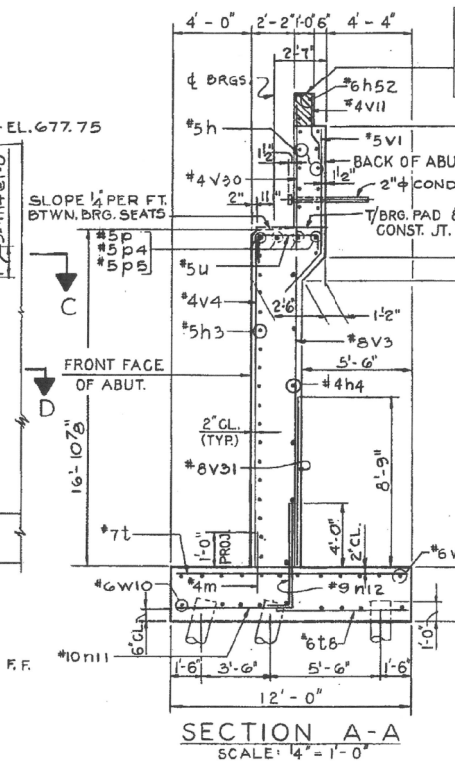
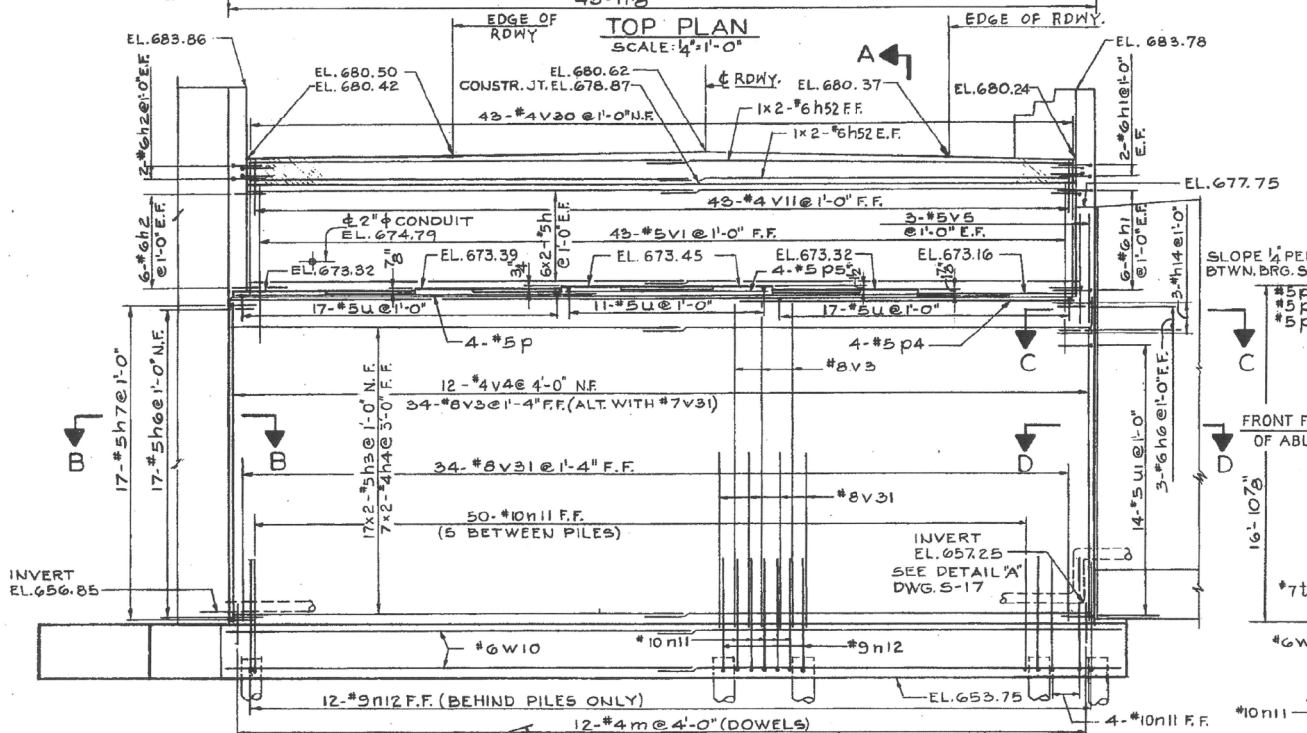
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - NORTHWEST ABUTMENT
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 5 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR-1	ROCK ISLAND	2042	918
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



BAR LIST				
BAR	NO	SIZE	LENGTH	SHAPE
h	24	5	21'-9"	—
h1	16	6	3'-11"	—
h2	16	6	3'-11"	—
h3	34	5	22'-6"	—
h4	14	4	22'-6"	—
h6	20	6	3'-2"	—
h7	17	5	4'-9"	—
h14	3	6	5'-3"	—
h52	6	6	21'-9"	—
m	14	4	2'-0"	—
n11	54	10	12'-0"	—
n12	12	9	7'-7"	—
p	4	5	18'-0"	—
p4	4	5	17'-6"	—
p5	4	5	10'-3"	—
t	46	7	11'-6"	—
t3	4	6	11'-6"	—
t8	43	6	7'-3"	—
u	45	5	5'-11"	—
u1	14	5	4'-6"	—
v1	43	5	9'-4"	—
v3	34	8	16'-9"	—
v4	14	4	16'-9"	—
v5	6	5	6'-3"	—
v11	43	4	3'-2"	—
v30	43	4	8'-0"	—
v91	34	8	8'-9"	—
w10	44	6	23'-6"	—



ABBREVIATIONS
E.F. = EACH FACE
N.F. = NEAR FACE
F.F. = FAR FACE

KEY TO BAR INDICATIONS:

6x2'S INDICATES 6 LINES OF 2 BARS WITH 2 LENGTHS PER LINE.
MIN. BAR LAP = 24 DIA.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
NOTES
FOUR BEARING SEAT STEP MONOLITHICALLY WITH WALL.
SPACE REINFORCEMENT TO MISS ANCHOR BOLTS.
FOR PILE SPACING AND QUANTITIES, SEE DWG. 6-5.
FOR WINGWALL DETAILS SEE DWG. 5-11 AND 5-12.
BILL OF MATERIAL INCLUDES WINGWALL QUANTITIES.
ALL ANCHOR BOLTS TO PROJECT 3/4" ABOVE FINISHED CONCRETE.
BACKWALL ELEVATIONS GIVEN AT NEAR FACE.
FOR BACKFILL AND DRAINAGE DETAIL SEE DWG. 5-6.
FOR PROTECTIVE COAT QUANTITIES SEE DWG. 5-18.

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YD.	227.3
REINFORCEMENT BARS	POUND	22,570
CLASS A EXCAVATION FOR STRUCT.	CU. YD.	191
PIPE UNDERDRAINS PERFORATED CORRUGATED STEEL PIPE 6"	LIN. FT.	90
POROUS GRANULAR BACKFILL	CU. YD.	121
NAME PLATE	EACH	1

SOUTHEAST ABUTMENT
F.A.I. 74 - SECTION 81-1HB-1
F.A.I. 74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300+20.11
SCALE: AS NOTED DATE:

DE LEUW, CATHY & COMPANY ENGINEERS
DESIGNED BY W. MATZELLE
DRAWN BY O. MARTINSON, N. BERMAN
CHECKED E. S. MARTINS
IN CHARGE
APPROVED W. G. HORN

FOOTING PLAN
SCALE: 3/4" = 1'-0"

FOR INFORMATION ONLY



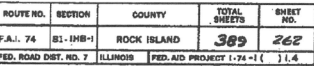
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PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - SOUTHEAST ABUTMENT
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 6 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	919
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



ABBREVIATIONS:
EF = EACH FACE.
NF = NEAR FACE.
FF = FAR FACE.
EY TO BAR INDICATION
S₂-#5 INDICATES 5 LINES OF #5 BARS
WITH 2 LENGTHS PER LINE.
MIN. BAR LAP = 24 DIA.
ALL BENT BAR DIMENSIONS OUT TO OUT.
NOTES:
FOUR BEARING SEAT STEP MONOLITHICALLY WITH WALL
SPACE REINFORCEMENT TO MISS ANCHOR BOLTS.
FOR PILE SPACING & QUANTITIES, SEE DWG. S-5.
FOR WINGWALL DETAILS SEE DWG. S-11
AND S-12.
BILL OF MATERIAL INCLUDES WINGWALL QUANTITIES.
FOR PROTECTIVE COAT QUANTITIES SEE DWG. S-18
ALL ANCHOR BOLTS TO PROJECT 3/2"
ABOVE FINISHED CONCRETE.
BACKWALL ELEVATIONS GIVEN AT NEAR FACE.
FOR BACKFILL & DRAINAGE DETAIL SEE DWG. S-6

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU.YD.	244.9
REINFORCEMENT BARS	POUND	20,570
CLASS A EXCAVATION FOR STRUCTURES	CU.YD.	224
PE UNDERDRAINS PERFORATED CORRUGATED STEEL PIPE 6"	LN.FT.	83
PROSS GRANULAR BACKFILL	CU.YD.	116

SOUTHWEST ABUTMENT
F.A.I.74-SECTION 81-IHB-1
F.A.I.74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300 + 20.11
SCALE: AS NOTED DATE:

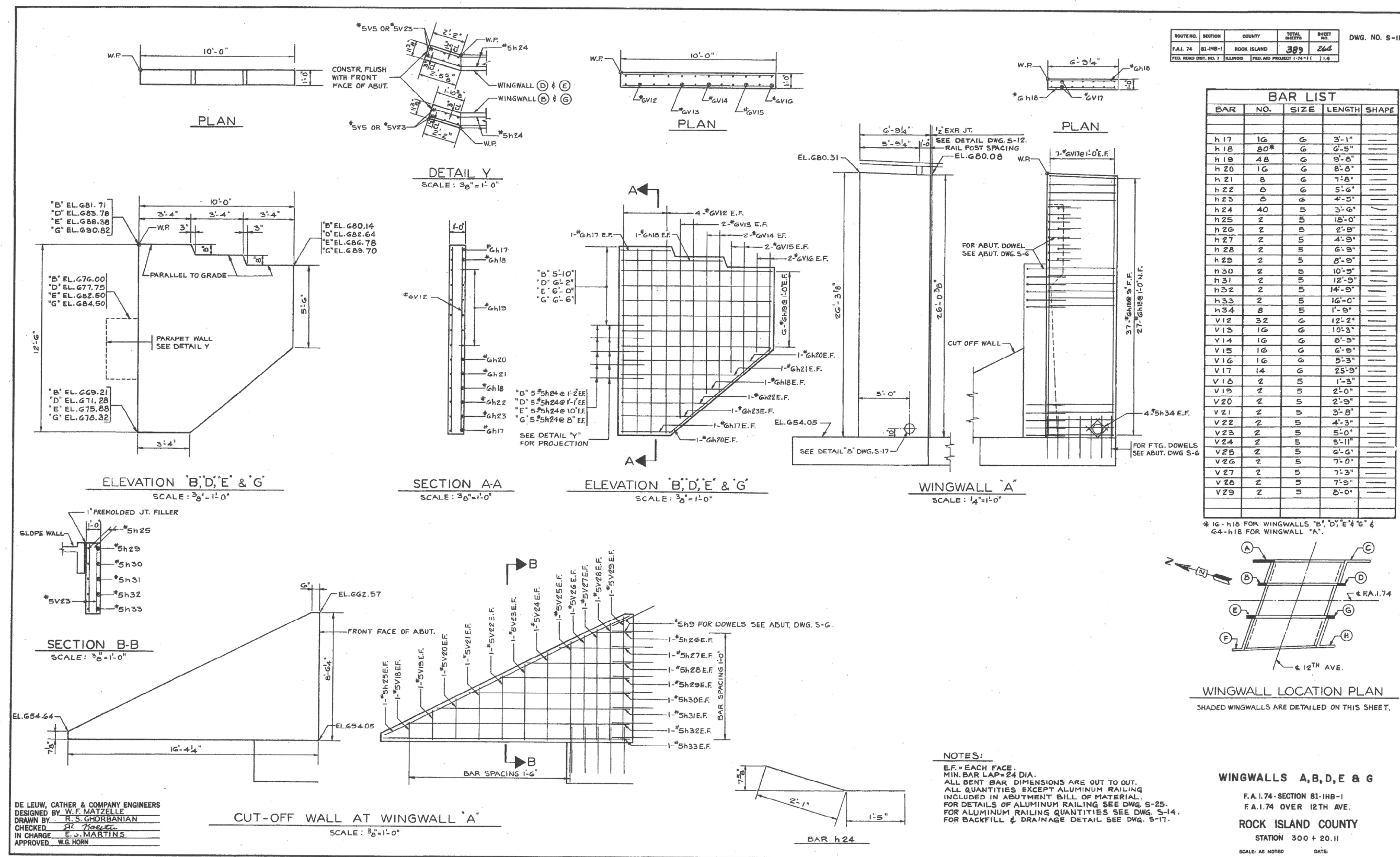


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EXISTING PLANS - SOUTHWEST ABUTMENT
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 7 OF 21 SHEETS

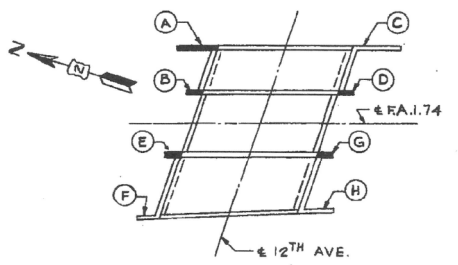
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR-1	ROCK ISLAND	2042	920
		CONTRACT NO. 64E26		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	264
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 1-74-1	114	

BAR LIST				
BAR	NO.	SIZE	LENGTH	SHAPE
h 17	16	6	3'-1"	
h 18	80*	6	6'-5"	
h 19	48	6	9'-8"	
h 20	16	6	8'-8"	
h 21	8	6	7'-8"	
h 22	8	6	5'-6"	
h 23	8	6	4'-5"	
h 24	40	5	3'-6"	
h 25	2	5	18'-0"	
h 26	2	5	2'-9"	
h 27	2	5	4'-9"	
h 28	2	5	6'-9"	
h 29	2	5	8'-9"	
h 30	2	5	10'-9"	
h 31	2	5	12'-9"	
h 32	2	5	14'-9"	
h 33	2	5	16'-0"	
h 34	8	5	1'-9"	
v 12	32	6	12'-2"	
v 13	16	6	10'-3"	
v 14	16	6	8'-9"	
v 15	16	6	6'-9"	
v 16	16	6	5'-3"	
v 17	14	6	25'-9"	
v 18	2	5	1'-3"	
v 19	2	5	2'-0"	
v 20	2	5	2'-9"	
v 21	2	5	3'-8"	
v 22	2	5	4'-3"	
v 23	2	5	5'-0"	
v 24	2	5	5'-11"	
v 25	2	5	6'-6"	
v 26	2	5	7'-0"	
v 27	2	5	7'-3"	
v 28	2	5	7'-9"	
v 29	2	5	8'-0"	

* 16 - h18 FOR WINGWALLS 'B', 'D', 'E' & 'G' & 64 - h18 FOR WINGWALL 'A'.



WINGWALL LOCATION PLAN
SHADED WINGWALLS ARE DETAILED ON THIS SHEET.

WINGWALLS A, B, D, E & G
F.A.I. 74 - SECTION 81-1HB-1
F.A.I. 74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300 + 20.11
SCALE: AS NOTED DATE:

NOTES:
E.F. = EACH FACE.
MIN. BAR LAP = 24 DIA.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
ALL QUANTITIES EXCEPT ALUMINUM RAILING INCLUDED IN ABUTMENT BILL OF MATERIAL.
FOR DETAILS OF ALUMINUM RAILING SEE DWG. S-25.
FOR ALUMINUM RAILING QUANTITIES SEE DWG. S-14.
FOR BACKFILL & DRAINAGE DETAIL SEE DWG. S-17.

DE LEUW, CATHAR & COMPANY ENGINEERS
DESIGNED BY W.F. MATZELLE
DRAWN BY R.S. GHORBANIAN
CHECKED BY J. H. HORN
IN CHARGE E. J. MARTINS
APPROVED W. G. HORN

FOR INFORMATION ONLY

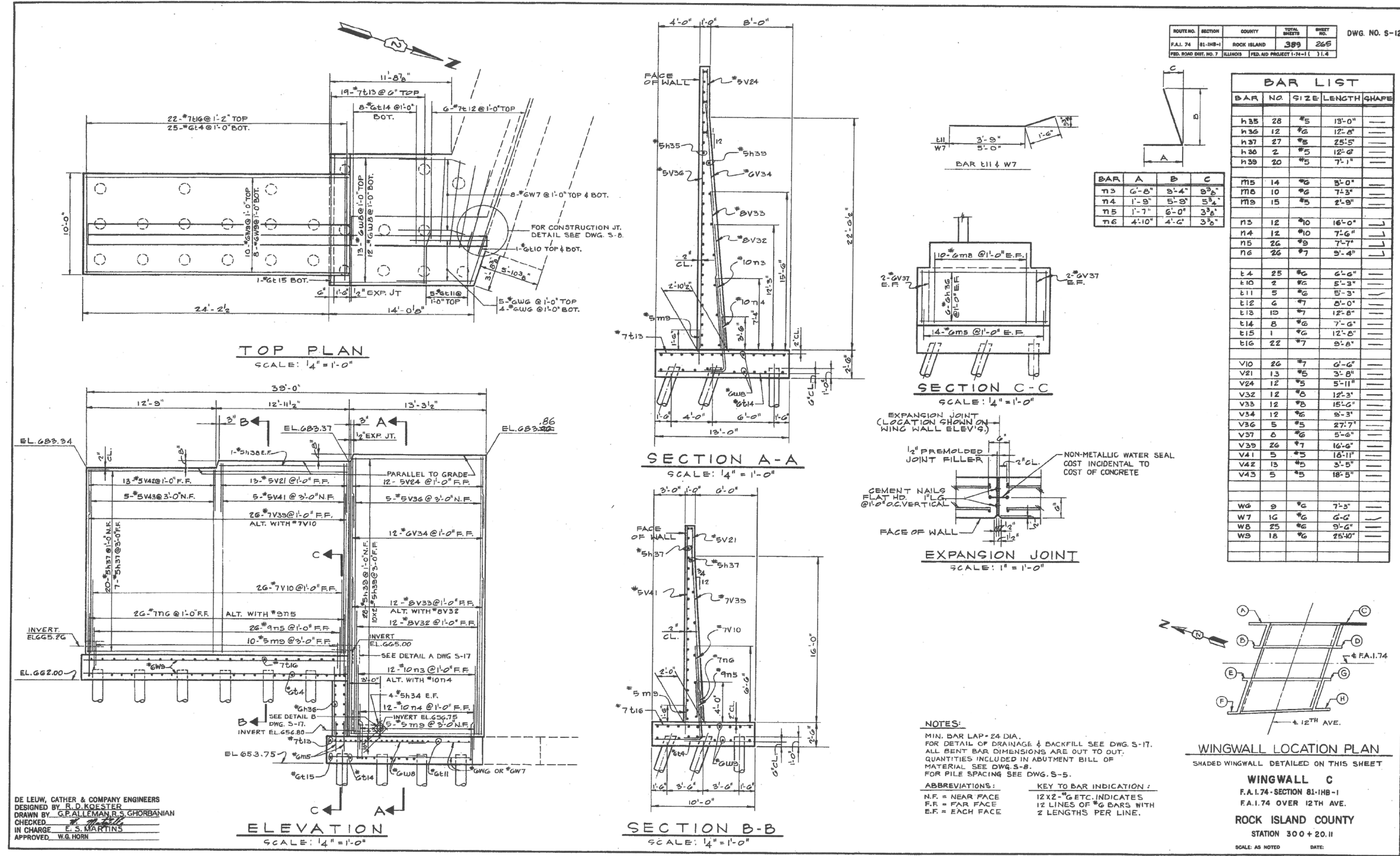


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - WINGWALLS A, B, D, E & G
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 9 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	922
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

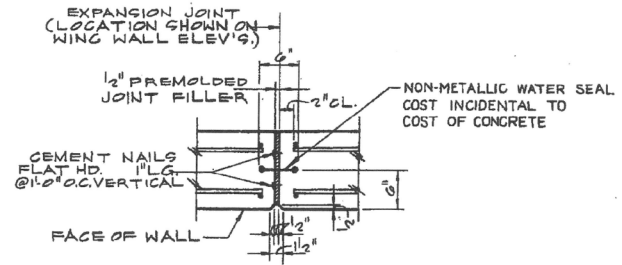
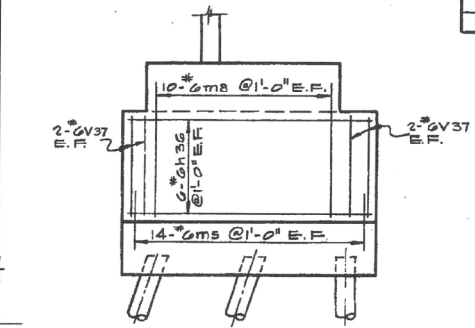
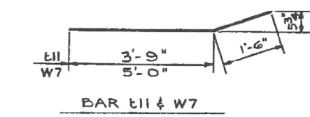


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 1.74	81-1HB-1	ROCK ISLAND	389	265
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 1-74-1	1.4	

DWG. NO. S-12

BAR LIST				
BAR NO.	SIZE	LENGTH	SHAPE	
h35	28	#5	13'-0"	---
h36	12	#6	12'-8"	---
h37	27	#5	25'-5"	---
h38	2	#5	12'-6"	---
h39	20	#5	7'-1"	---
m5	14	#6	3'-0"	---
m6	10	#6	7'-3"	---
m9	15	#5	2'-8"	---
n3	12	#10	16'-0"	---
n4	12	#10	7'-6"	---
n5	26	#9	7'-7"	---
n6	26	#7	9'-4"	---
t4	25	#6	6'-6"	---
t10	2	#6	5'-3"	---
t11	5	#6	5'-3"	---
t12	6	#7	8'-0"	---
t13	19	#7	12'-8"	---
t14	8	#6	7'-6"	---
t15	1	#6	12'-8"	---
t16	22	#7	9'-8"	---
v10	26	#7	6'-6"	---
v21	13	#5	3'-8"	---
v24	12	#5	5'-11"	---
v32	12	#8	12'-3"	---
v33	12	#8	15'-0"	---
v34	12	#6	9'-3"	---
v36	5	#5	27'-7"	---
v37	6	#6	5'-6"	---
v39	26	#7	16'-6"	---
v41	5	#5	18'-11"	---
v42	13	#5	3'-5"	---
v43	5	#5	18'-5"	---
w6	9	#6	7'-3"	---
w7	19	#6	6'-6"	---
w8	25	#6	9'-6"	---
w9	18	#6	25'-10"	---

BAR	A	B	C
n3	6'-8"	5'-4"	5'-8"
n4	1'-9"	5'-9"	5'-8"
n5	1'-7"	6'-0"	3'-8"
n6	4'-10"	4'-6"	3'-8"



NOTES:
MIN. BAR LAP = 24 DIA.
FOR DETAIL OF DRAINAGE & BACKFILL SEE DWG. S-17.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
QUANTITIES INCLUDED IN ABUTMENT BILL OF MATERIAL SEE DWG. S-8.
FOR PILE SPACING SEE DWG. S-5.

ABBREVIATIONS:
N.F. = NEAR FACE
F.F. = FAR FACE
E.F. = EACH FACE

KEY TO BAR INDICATION:
12 X 2'-6" ETC. INDICATES
12 LINES OF #6 BARS WITH
2 LENGTHS PER LINE.

FOR INFORMATION ONLY

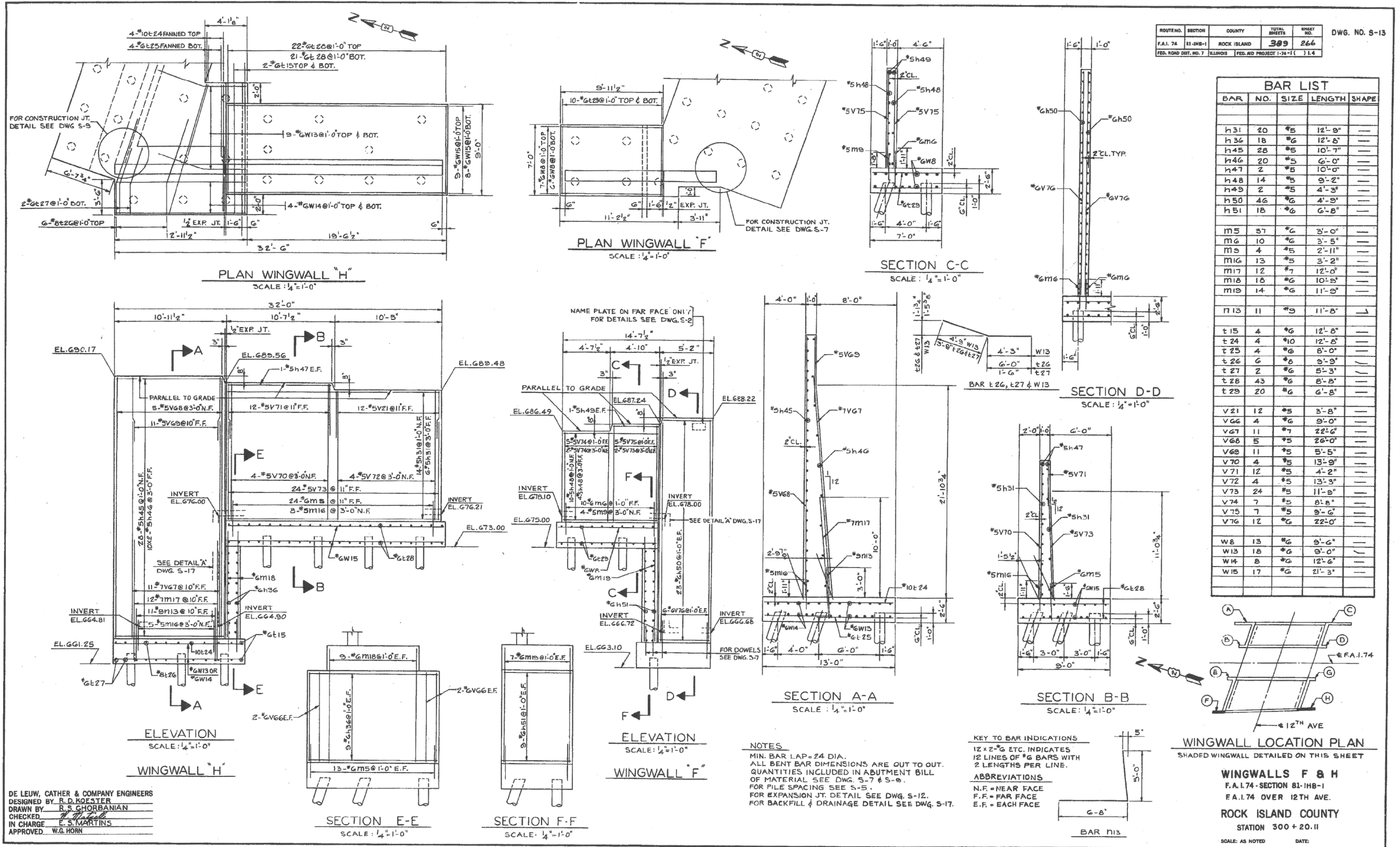


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PLOT DATE = 03/23/2017	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - WINGWALL C
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 10 OF 21 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	923
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



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	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - WINGWALLS F & H
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

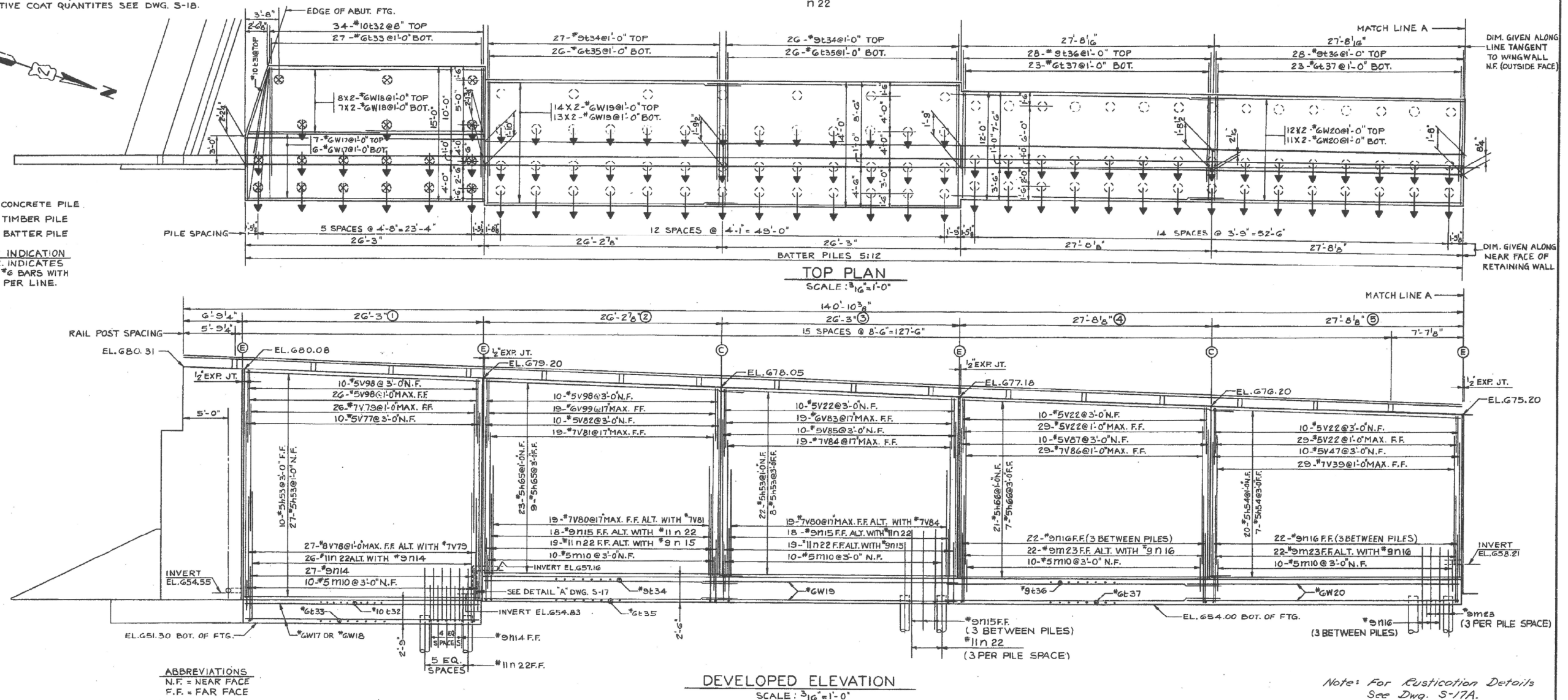
SHEET NO. 11 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	924
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTES

FOR WALL CROSS SECTIONS SEE DWG. S-17.
MIN. BAR LAP=24 DIA.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
FOR DETAILS OF ALUMINUM RAILING SEE DWG. S-23.
FOR DETAILS OF DRAINAGE & BACKFILL SEE DWG. S-17.
①=EXPANSION JOINT
②=CONTRACTION JOINT
FOR PROTECTIVE COAT QUANTITIES SEE DWG. S-18.

⊗ DENOTES CONCRETE PILE
○ DENOTES TIMBER PILE
⊙ DENOTES BATTER PILE
KEY TO BAR INDICATION
12 X 2 - #6 ETC. INDICATES
12 LINES OF #6 BARS WITH
2 LENGTHS PER LINE.



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	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - NORTHEAST RETAINING WALL (PANELS 1-5)
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 12 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	925
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

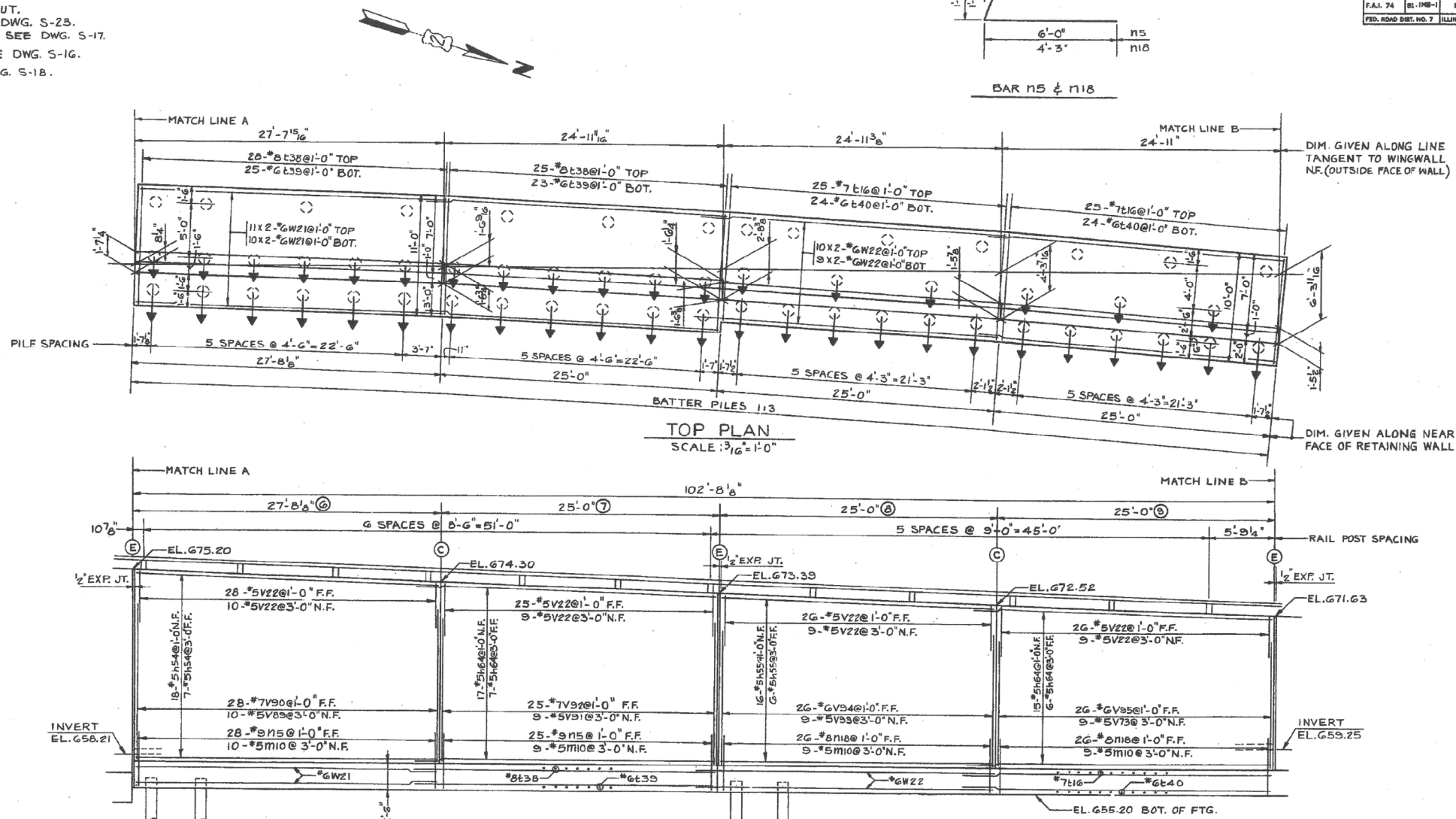
NOTES

FOR WALL CROSS SECTIONS SEE DWG. S-17.
MIN. BAR LAP=24 DIA.
ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
FOR DETAILS OF ALUMINUM RAILING SEE DWG. S-23.
FOR DETAILS OF DRAINAGE & BACKFILL SEE DWG. S-17.
⊕=EXPANSION JOINT
⊖=CONTRACTION JOINT
FOR DETAILS SEE DWG. S-16.
FOR PROTECTIVE COAT QUANTITIES SEE DWG. S-18.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	268
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT 1-74-1(1) 1.4				

DWG. NO. S-15

○ DENOTES TIMBER PILE
⊕ DENOTES BATTER PILE
KEY TO BAR INDICATION
12 X 2-#6 ETC. INDICATES
12 LINES OF #6 BARS WITH
2 LENGTHS PER LINE.



Note: For Rustication Details
See Dwg. S-17A.

ABBREVIATIONS
N.F. = NEAR FACE
F.F. = FAR FACE

PILE DATA	
PANEL LOCATION	⊕ - ⊖
PILE TYPE	TIMBER
MINIMUM CAPACITY TONS	24
NUMBER REQUIRED	56
ESTIMATED LENGTH FEET	24
CUT OFF ELEVATION	656.20

DE LEUW, CATHAR & COMPANY ENGINEERS
DESIGNED BY: R.D. KOESTER
DRAWN BY: R.S. GHORBANIAN
CHECKED: F.S. MARTINS
IN CHARGE: F.S. MARTINS
APPROVED: W.G. HORN

BAR LIST PANELS ⑥ THRU ⑨																			
BAR	NO.	SIZE	LENGTH	SHAPE	BAR	NO.	SIZE	LENGTH	SHAPE	BAR	NO.	SIZE	LENGTH	SHAPE	BAR	NO.	SIZE	LENGTH	SHAPE
h54	25	#5	27'-4"	—	t39	48	#6	10'-8"	—	v95	26	#6	11'-9"	—					
h55	22	#5	24'-8"	—	t40	48	#6	9'-8"	—										
h64	45	#5	26'-5"	—	v22	142	#5	4'-3"	—	w21	42	#6	26'-11"	—					
m10	37	#5	2'-6"	—	v73	9	#5	11'-9"	—	w22	38	#6	26'-6"	—					
					v89	10	#5	14'-4"	—										
n15	53	#5	7'-7"	L	v90	28	#7	14'-4"	—										
n18	52	#8	5'-7"	L	v91	9	#5	13'-5"	—										
					v92	25	#7	13'-5"	—										
t16	50	#7	9'-8"	—	v93	9	#5	12'-6"	—										
t38	53	#8	10'-8"	—	v94	26	#6	12'-6"	—										

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	709
CLASS X CONCRETE	CU. YD.	172.4
POROUS GRANULAR BACKFILL	CU. YD.	104
REINFORCEMENT BARS	POUND	15520
FURNISHING CREOSOTED PILES 20.1 TO 38 FT.	LIN. FT.	1320
DRIVING TIMBER PILES	LIN. FT.	1320
PIPE UNDERDRAINS PERFORATED CORR. STEEL PIPE	LIN. FT.	103
ALUMINUM RAILING	LIN. FT.	103
TEST PILE (TIMBER)	EACH	1

NORTHEAST RETAINING WALL
PANELS 6 THRU 9
F.A.I. 74-SECTION 81-1HB-1
F.A.I. 74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300+20.11
SCALE: AS NOTED DATE:

FOR INFORMATION ONLY



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PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

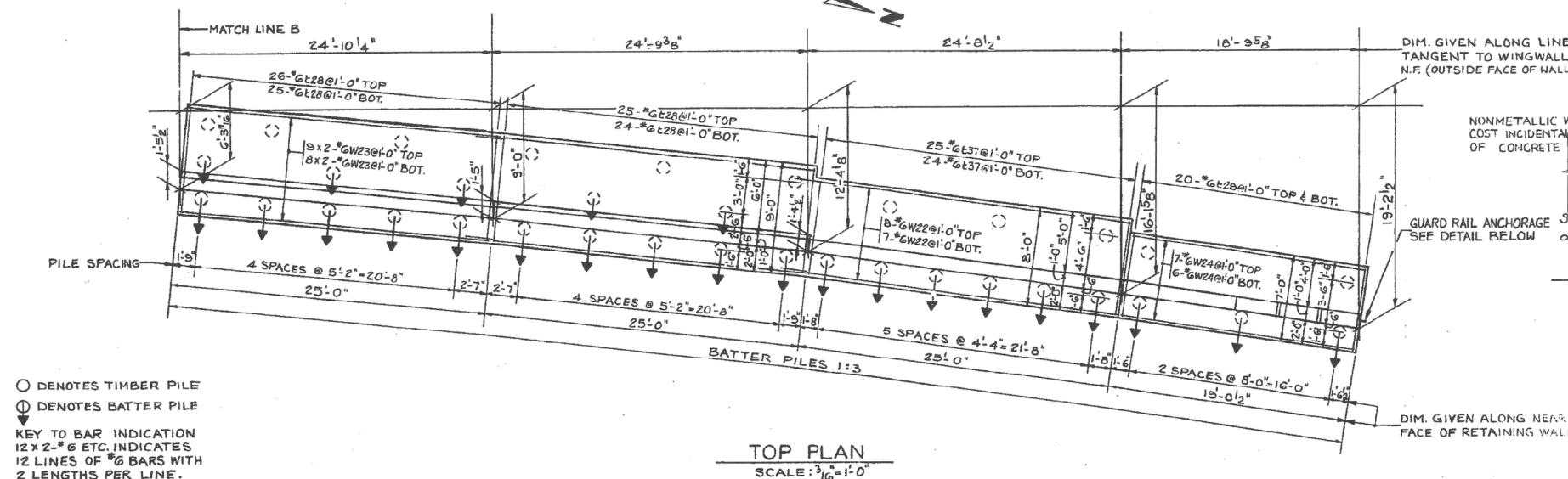
EXISTING PLANS - NORTHEAST RETAINING WALL (PANELS 6-9)
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 13 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	926
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

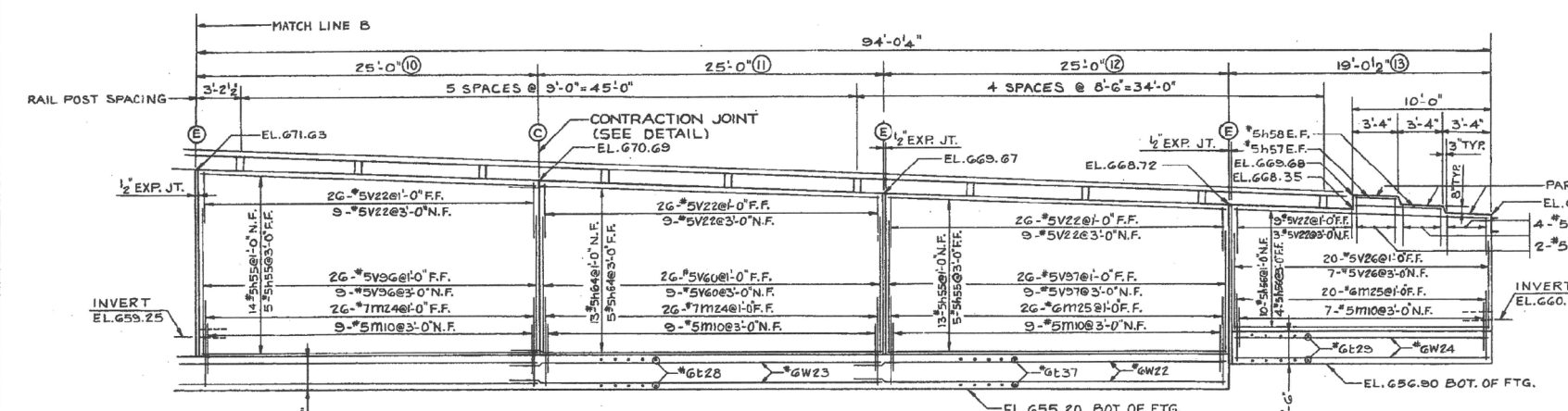
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	269
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 1-74-11	11.4	

DWG. NO. S-16



○ DENOTES TIMBER PILE
 ⊙ DENOTES BATTER PILE
 KEY TO BAR INDICATION
 12 X 2-#6 ETC. INDICATES
 12 LINES OF #6 BARS WITH
 2 LENGTHS PER LINE.

TOP PLAN
 SCALE: 3/16" = 1'-0"



ABBREVIATIONS
 N.F. = NEAR FACE
 F.F. = FAR FACE
 E.F. = EACH FACE

DEVELOPED ELEVATION
 SCALE: 3/16" = 1'-0"

NOTES:

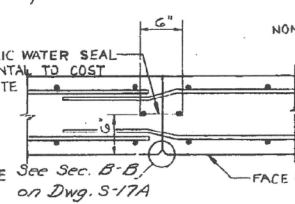
MIN. BAR LAP = 24 DIA.
 FOR WALL CROSS SECTIONS SEE DWG. S-17.
 ALL BENT BAR DIMENSIONS ARE OUT TO OUT.
 FOR DETAILS OF ALUMINUM RAILING SEE DWG. S-23.
 FOR DETAILS OF DRAINAGE & BACKFILL SEE DWG. S-17.
 FOR PROTECTIVE COAT QUANTITIES SEE DWG. S-18.

DIM. GIVEN ALONG LINE
 TANGENT TO WINGWALL
 N.F. (OUTSIDE FACE OF WALL)

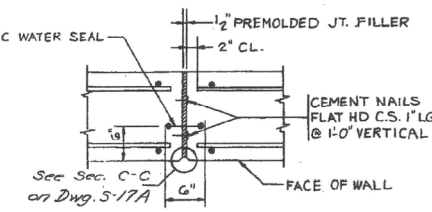
NONMETALLIC WATER SEAL
 COST INCIDENTAL TO COST
 OF CONCRETE

GUARD RAIL ANCHORAGE
 SEE DETAIL BELOW

DIM. GIVEN ALONG NEAR
 FACE OF RETAINING WALL

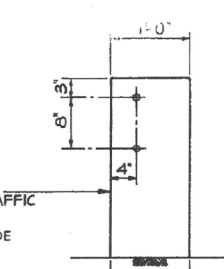


CONTRACTION JOINT
 SCALE: 1" = 1'-0"

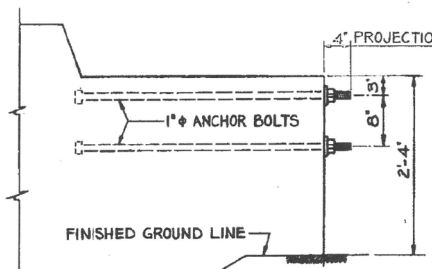


EXPANSION JOINT
 SCALE: 1" = 1'-0"

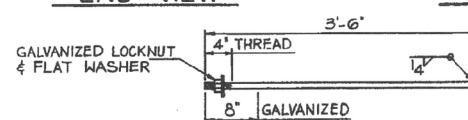
Note: For Rustication Details
 See DWG. S-17A



END VIEW



ELEVATION



GUARD RAIL ANCHORAGE DETAIL
 SCALE: 1" = 1'-0"

1" ANCHOR BOLT
 COST OF BOLTS TO BE INCIDENTAL TO BRIDGE STRUCTURE
 (SEE ALSO DWG. S-7 & S-8)

PILE DATA		
PANEL LOCATION	10-12	13
PILE TYPE	TIMBER	TIMBER
MINIMUM CAPACITY TONS	24	24
NUMBER REQUIRED	30	5
ESTIMATED LENGTH FT.	24	26
CUT OFF ELEVATION	656.20	657.90

DE LEUW, CATHER & COMPANY ENGINEERS
 DESIGNED BY R.D. KOESTER
 DRAWN BY R.S. GHORBANIAN
 CHECKED BY E.S. MARTINS
 IN CHARGE E.S. MARTINS
 APPROVED W.G. HORN

BAR LIST PANELS 10 THRU 13											
BAR	NO.	SIZE	LENGTH	SHAPE	BAR	NO.	SIZE	LENGTH	SHAPE	BAR	NO.
h55	37	#5	24'-8"	—	t28	100	#6	8'-8"	—	W22	15
h56	14	#5	18'-8"	—	t29	40	#6	6'-8"	—	W23	34
h57	2	#5	3'-1"	—	t37	45	#6	7'-8"	—	W24	13
h58	2	#5	6'-5"	—	v22	135	#5	4'-5"	—		
h64	18	#5	26'-5"	—	v26	27	#5	7'-0"	—		
m24	52	#7	4'-0"	—	v60	35	#5	9'-8"	—		
m25	46	#6	4'-0"	—	v96	35	#5	10'-9"	—		
					v97	35	#5	8'-10"	—		

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	45.5
CLASS X CONCRETE	CU. YD.	116.8
POROUS GRAIULAR BACKFILL	CU. YD.	58
REINFORCEMENT BARS	POUND	8933
FURNISHING CROSCOTED PILES 20.1 TO 38 FT.	LIN. FT.	850
DRIVING TIMBER PILES	LIN. FT.	850
PIPE UNDERDRAINS PERFORATED CORR. STEEL PIPE 6"	LIN. FT.	94
ALUMINUM RAILING	LIN. FT.	84

NORTHEAST RETAINING WALL
 PANELS 10 THRU 13

F.A.I. 74-SECTION 81-1HB-1
 F.A.I. 74 OVER 12TH AVE.

ROCK ISLAND COUNTY
 STATION 300 + 20.11

SCALE: AS NOTED DATE:

FOR INFORMATION ONLY



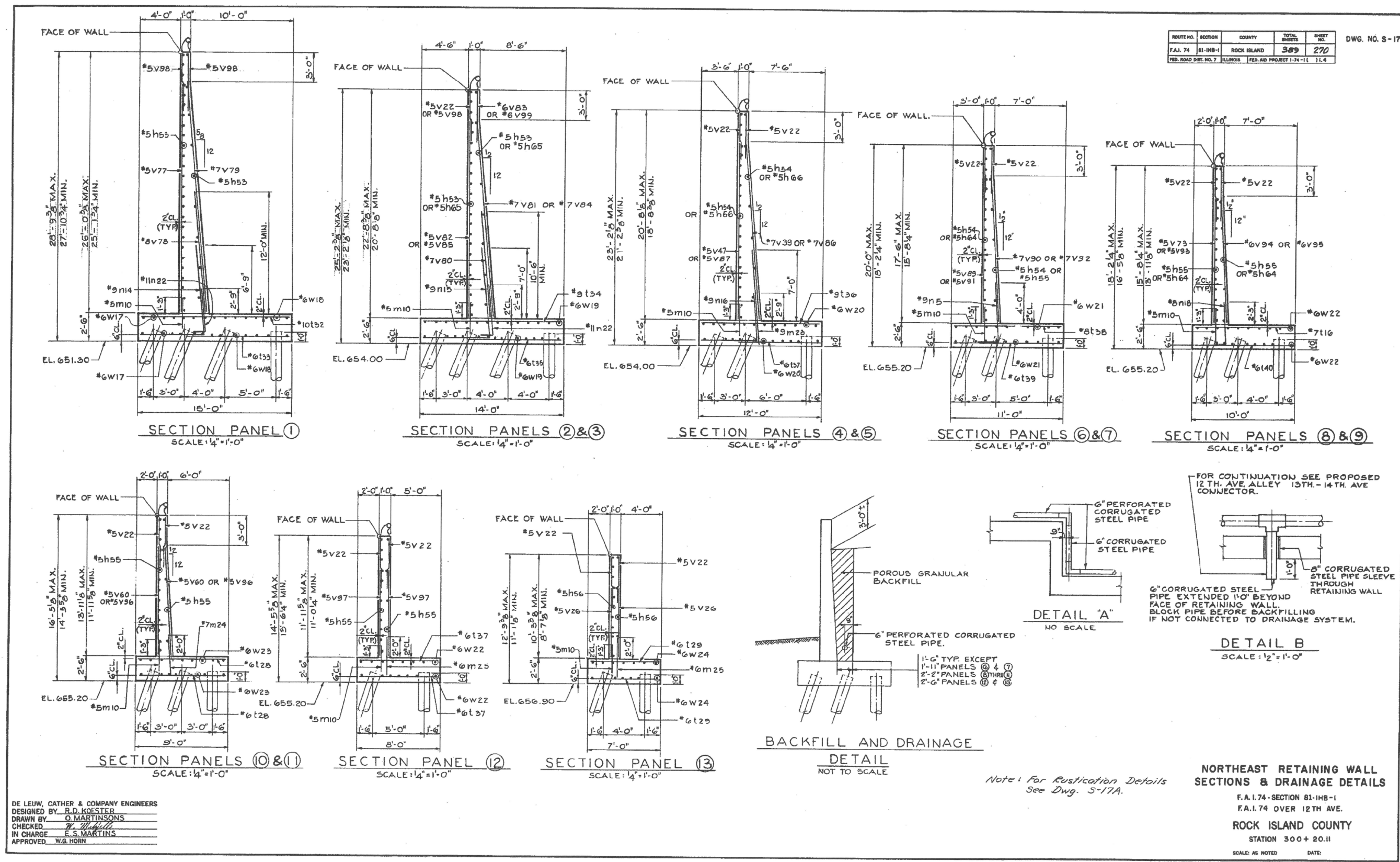
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	CHECKED -	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - NORTHEAST RETAINING WALL (PANELS 10-13)
 I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

SHEET NO. 14 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	927
				CONTRACT NO. 64E26
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



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PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

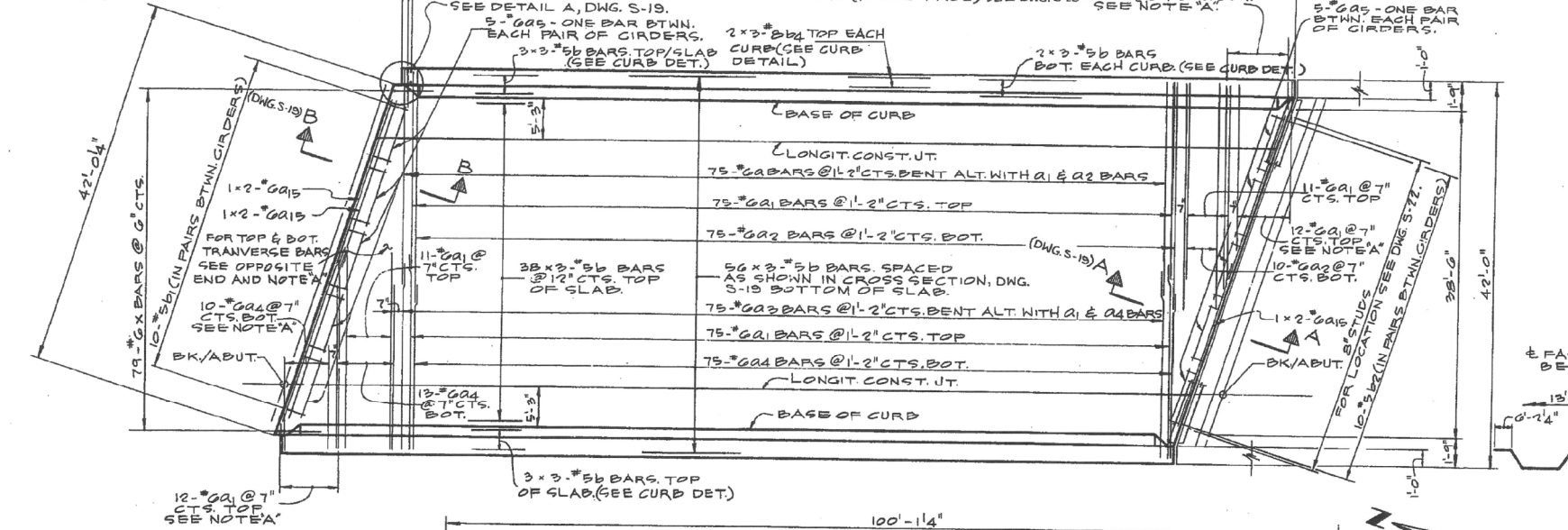
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - NE RETAINING WALL SECTIONS & DRAINAGE DETAILS
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB

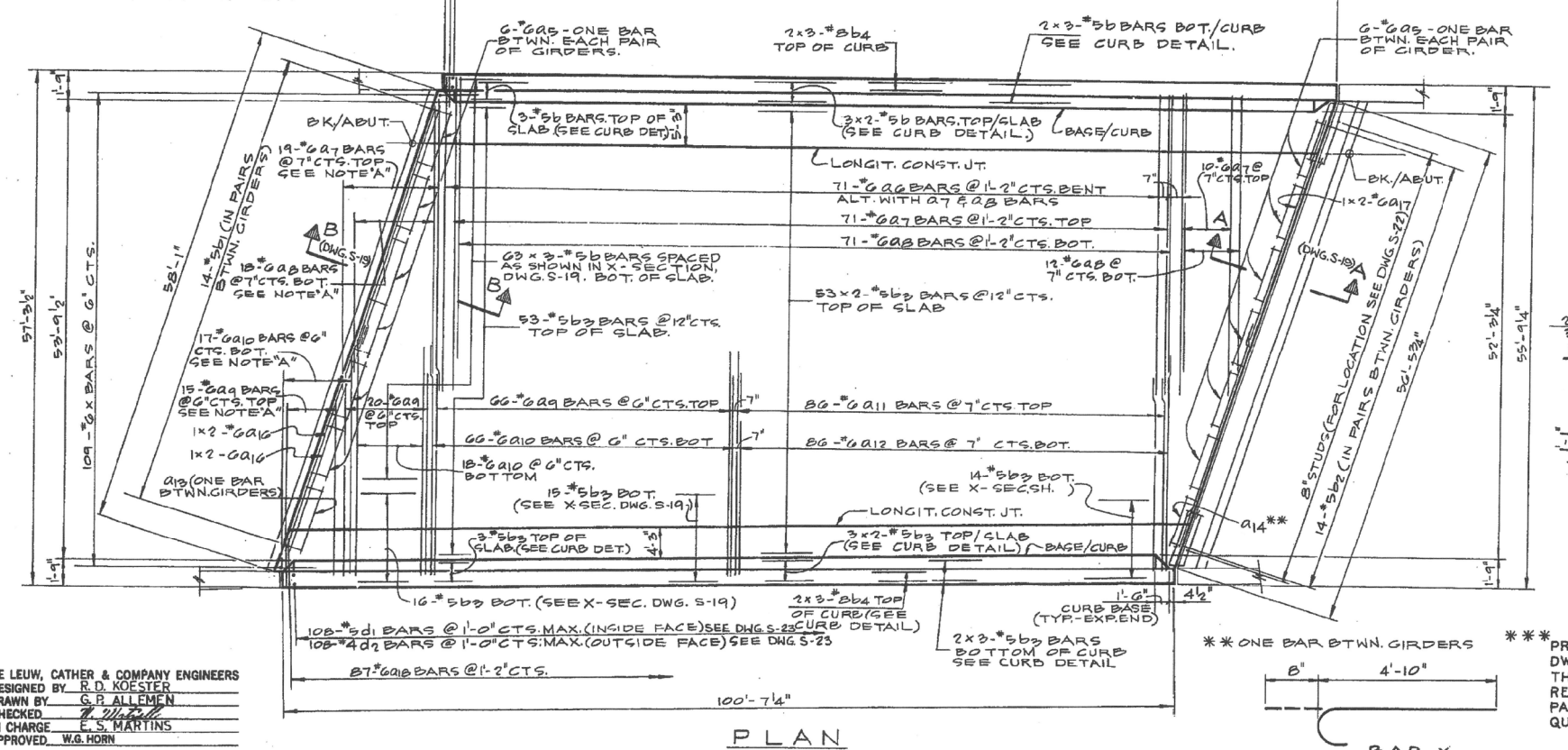
SHEET NO. 15 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	928
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTE:
BARS INDICATED THUS 3x2-#5 ETC.
INDICATES 3 LINES OF BARS WITH
2 LENGTHS PER LINE.
MIN. BAR LAP = 24 DIA.
ALL PLAN DIMENSIONS ARE HORIZONTAL
AND AT 50°F.



NOTE "A"
ORDER ALL BARS FULL LENGTH, CUT
IN FIELD TO FIT SKEW, USE REMAINDER
OF BARS IN OPPOSITE END.



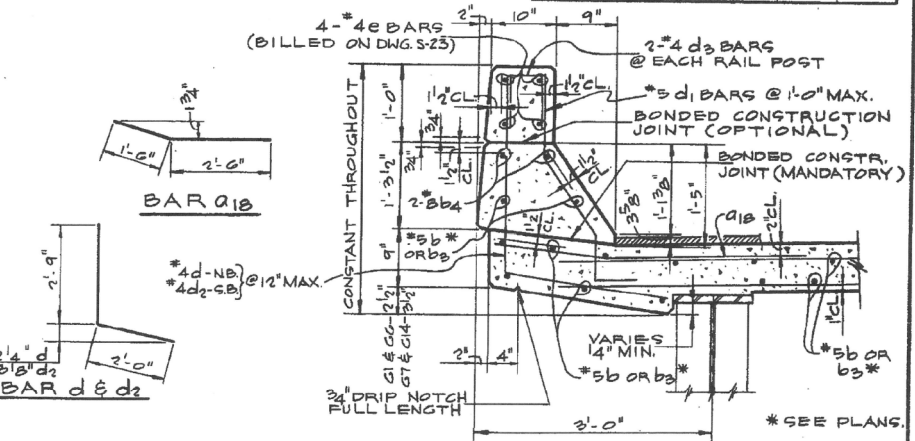
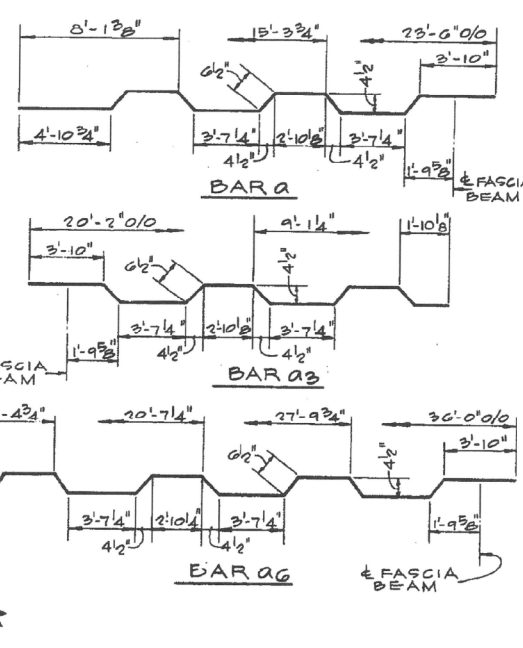
DE LEUW, CATHAR & COMPANY ENGINEERS
DESIGNED BY R.D. KOESTER
DRAWN BY G.P. ALLEN
CHECKED W. MARTINS
IN CHARGE E.S. MARTINS
APPROVED W.G. HORN

PLAN

BAR X

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	DWG. NO.
F.A.I. 74	81-1HB-1	ROCK ISLAND	389	271	S-18
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 1-74-1	11.4		

BAR LIST					
BAR	QUANTITY	TOTAL	SIZE	LENGTH	SHAPE
N.B.	S.B.				
a	75	75	6	24'-4"	W
a1	196	196	6	21'-3"	W
a2	98	98	6	24'-0"	W
a3	75	75	6	21'-0"	W
a4	98	98	6	10'-9"	W
a5	10	12	22	7'-3"	W
a6	71	71	1	37'-4"	W
a7	100	100	35	9"	W
a8	101	101	37	9"	W
a9	101	101	22	9"	W
a10	101	101	24	9"	W
a11	86	86	22	9"	W
a12	86	86	24	9"	W
a13	1	1	8	0"	W
a14	1	1	6	0"	W
a15	0	0	19	6"	W
a16	4	4	27	6"	W
a17	2	2	6	26	9"
a18	172	173	348	6	4'-0"
b	312	204	516	5	24'-4"
b1	10	14	24	5	2'-1"
b2	10	14	24	5	1'-3"
b3	219	219	5	24'-6"	W
b4	12	12	24	5	24'-9"
d	216	216	4	4'-9"	W
d1	216	216	5	3'-8"	W
d2	216	216	4	4'-9"	W
d3	48	48	96	4	2'-1"
x	79	109	188	6	5'-0"



CURB DETAIL
SCALE: 1" = 1'-0"

BILL OF MATERIAL ***		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YD.	283.0
REINFORCEMENT BARS	POUND	80,850
PROTECTIVE COAT	SQ. YD.	323
BITUMINOUS CONCRETE SURFACE COURSE, CLASS I	TON	87
COAL TAR INTERLAYER	SQ. YD.	1028
PROTECTIVE COAT		

DECK SLAB - PLAN
F.A.I. 74 - SECTION 81-1HB-1
F.A.I. 74 OVER 12TH AVE.
ROCK ISLAND COUNTY
STATION 300 + 20.11
SCALE: AS NOTED DATE:

*** PROTECTIVE COAT INCLUDES QUANTITIES FROM
DWG. 5-8 THRU 5-9 & 5-14 THRU 5-16.
THE LENGTHS & QUANTITIES OF LONGITUDINAL
REINFORCEMENT & CLASS X CONCRETE IN
PARAPETS ARE NOT INCLUDED IN ABOVE
QUANTITIES & BAR LIST, SEE DWG. 5-23.

FOR INFORMATION ONLY



USER NAME =	DESIGNED -	REVISED
PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - DECK SLAB - PLAN
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 16 OF 21 SHEETS

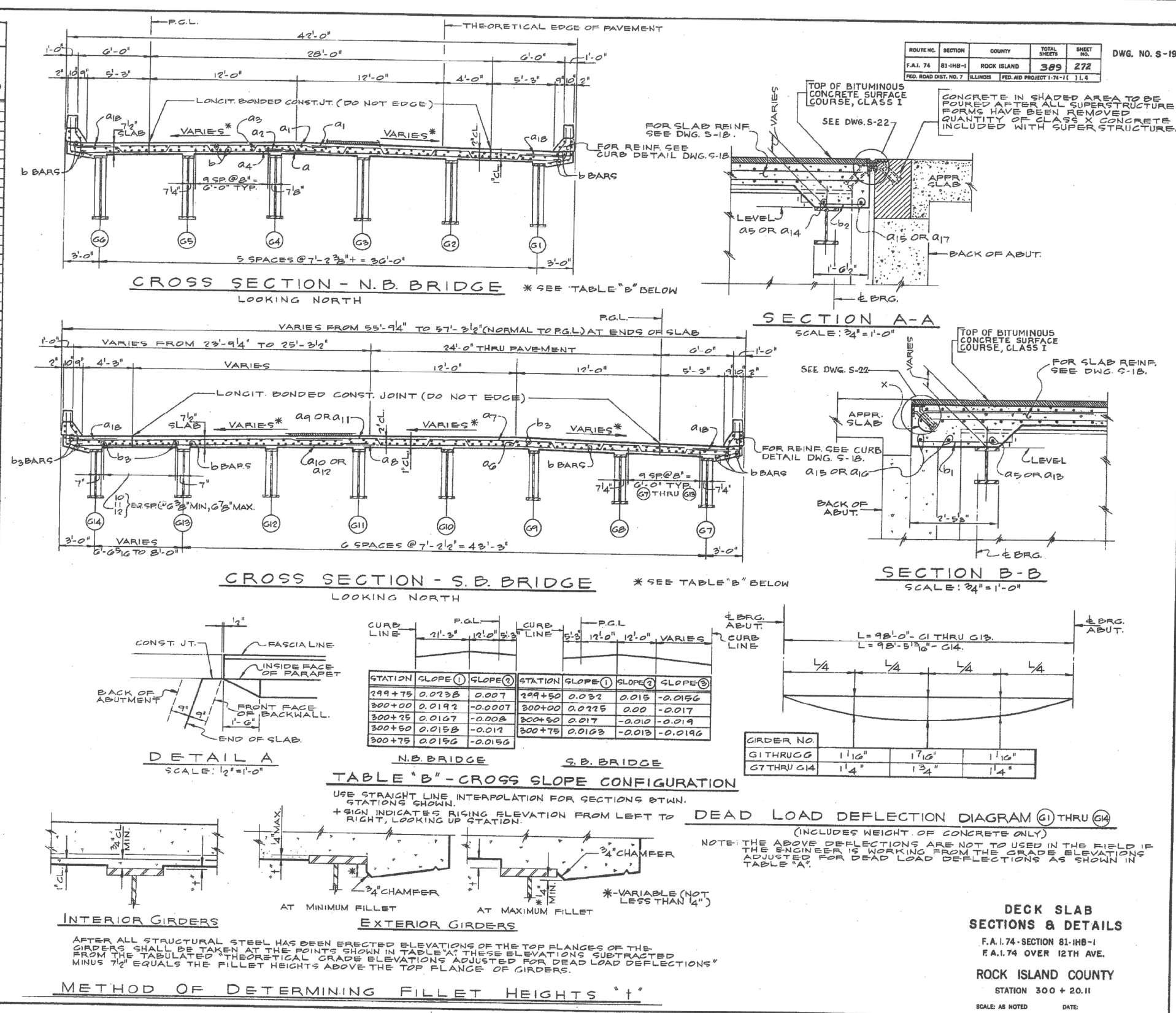
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	929
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NORTHBOUND ROADWAY					SOUTHBOUND ROADWAY				
DISTANCE FROM CENTERLINE BEARING N. E. ABUT. (FEET)	GIRDER NO.	NORMAL OFFSET FROM P. G. LINE (FEET)	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEADLOAD DEFLECTIONS	DISTANCE FROM CENTERLINE BEARING N. W. ABUT. (FEET)	GIRDER NO.	NORMAL OFFSET FROM P. G. LINE (FEET)	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEADLOAD DEFLECTIONS
0	1	+32.0	677.927	677.927	0	7	+4.000	684.760	684.760
10	1	+32.0	678.221	678.267	10	7	+4.000	685.030	685.086
20	1	+32.0	678.502	678.568	20	7	+4.000	685.294	685.402
30	1	+32.0	678.777	678.902	30	7	+4.000	685.553	685.698
40	1	+32.0	679.021	679.154	40	7	+4.000	685.804	685.972
50	1	+32.0	679.260	679.399	50	7	+4.000	686.048	686.222
60	1	+32.0	679.490	679.621	60	7	+4.000	686.287	686.481
70	1	+32.0	679.713	679.823	70	7	+4.000	686.520	686.735
80	1	+32.0	679.929	680.008	80	7	+4.000	686.747	686.985
90	1	+32.0	680.124	680.161	90	7	+4.000	686.966	687.013
98	1	+32.0	680.276	680.276	98	7	+4.000	687.137	687.137
0	2	+24.8	678.003	678.003	0	8	-3.208	684.908	684.908
10	2	+24.8	678.291	678.330	10	8	-3.208	685.166	685.215
20	2	+24.8	678.566	678.640	20	8	-3.208	685.418	685.509
30	2	+24.8	678.837	678.936	30	8	-3.208	685.664	685.787
40	2	+24.8	679.088	679.198	40	8	-3.208	685.906	686.048
50	2	+24.8	679.321	679.440	50	8	-3.208	686.144	686.291
60	2	+24.8	679.552	679.684	60	8	-3.208	686.378	686.514
70	2	+24.8	679.775	679.899	70	8	-3.208	686.602	686.718
80	2	+24.8	679.983	680.090	80	8	-3.208	686.822	686.905
90	2	+24.8	680.192	680.224	90	8	-3.208	687.038	687.075
98	2	+24.8	680.345	680.345	98	8	-3.208	687.208	687.208
0	3	+17.6	678.084	678.084	0	9	-10.417	685.083	685.083
10	3	+17.6	678.364	678.403	10	9	-10.417	685.308	685.357
20	3	+17.6	678.633	678.707	20	9	-10.417	685.548	685.638
30	3	+17.6	678.898	678.997	30	9	-10.417	685.782	685.904
40	3	+17.6	679.146	679.261	40	9	-10.417	686.011	686.153
50	3	+17.6	679.382	679.502	50	9	-10.417	686.242	686.388
60	3	+17.6	679.613	679.726	60	9	-10.417	686.467	686.606
70	3	+17.6	679.837	679.931	70	9	-10.417	686.687	686.804
80	3	+17.6	680.055	680.123	80	9	-10.417	686.901	686.984
90	3	+17.6	680.259	680.291	90	9	-10.417	687.110	687.150
98	3	+17.6	680.413	680.413	98	9	-10.417	687.260	687.260
0	4	+10.4	678.142	678.142	0	10	-17.626	686.122	686.122
10	4	+10.4	678.408	678.448	10	10	-17.626	686.349	686.398
20	4	+10.4	678.669	678.742	20	10	-17.626	686.570	686.680
30	4	+10.4	678.924	679.023	30	10	-17.626	686.785	686.907
40	4	+10.4	679.170	679.285	40	10	-17.626	686.996	687.136
50	4	+10.4	679.402	679.522	50	10	-17.626	687.213	687.360
60	4	+10.4	679.630	679.743	60	10	-17.626	687.426	687.585
70	4	+10.4	679.852	679.947	70	10	-17.626	687.634	687.751
80	4	+10.4	680.069	680.137	80	10	-17.626	687.837	687.920
90	4	+10.4	680.276	680.308	90	10	-17.626	688.033	688.073
98	4	+10.4	680.431	680.431	98	10	-17.626	688.195	688.195
0	5	+3.2	678.105	678.105	0	11	-24.633	686.136	686.136
10	5	+3.2	678.350	678.380	10	11	-24.633	686.367	686.390
20	5	+3.2	678.590	678.664	20	11	-24.633	686.590	686.640
30	5	+3.2	678.826	678.925	30	11	-24.633	686.813	686.889
40	5	+3.2	679.056	679.171	40	11	-24.633	687.036	687.136
50	5	+3.2	679.278	679.398	50	11	-24.633	687.259	687.387
60	5	+3.2	679.496	679.608	60	11	-24.633	687.482	687.630
70	5	+3.2	679.708	679.803	70	11	-24.633	687.705	687.875
80	5	+3.2	679.916	679.983	80	11	-24.633	687.928	688.111
90	5	+3.2	680.119	680.151	90	11	-24.633	688.151	688.252
98	5	+3.2	680.274	680.274	98	11	-24.633	688.375	688.482
0	6	-4.0	678.076	678.076	0	12	-32.042	684.975	684.975
10	6	-4.0	678.302	678.348	10	12	-32.042	685.183	685.232
20	6	-4.0	678.521	678.567	20	12	-32.042	685.386	685.476
30	6	-4.0	678.737	678.852	30	12	-32.042	685.582	685.704
40	6	-4.0	678.948	679.081	40	12	-32.042	685.773	685.915
50	6	-4.0	679.159	679.298	50	12	-32.042	685.966	686.115
60	6	-4.0	679.366	679.497	60	12	-32.042	686.158	686.307
70	6	-4.0	679.569	679.679	70	12	-32.042	686.353	686.480
80	6	-4.0	679.767	679.848	80	12	-32.042	686.552	686.635
90	6	-4.0	679.961	679.999	90	12	-32.042	686.755	686.775
98	6	-4.0	680.117	680.117	98	12	-32.042	686.952	686.952

(+) SIGN INDICATES OFFSET EAST OF P. G. LINE.
 (-) SIGN INDICATES OFFSET WEST OF P. G. LINE.

TABLE "A"
 SHOWING NORMAL OFFSETS, THEORETICAL GRADE ELEVATIONS AND GRADE ELEVATIONS ADJUSTED FOR CONCRETE DEADLOAD DEFLECTIONS AT ALL SUPPORTS AND AT TEN-FOOT INTERVALS MEASURED ALONG THE CENTERLINE OF THE GIRDER.

DE LEUW, CATHAR & COMPANY ENGINEERS
 DESIGNED BY R.D. KOESTER
 DRAWN BY G.P. LEMAN, H. DEPERCEL
 CHECKED BY E.S. MARTINS
 APPROVED W.G. HORN



FOR INFORMATION ONLY

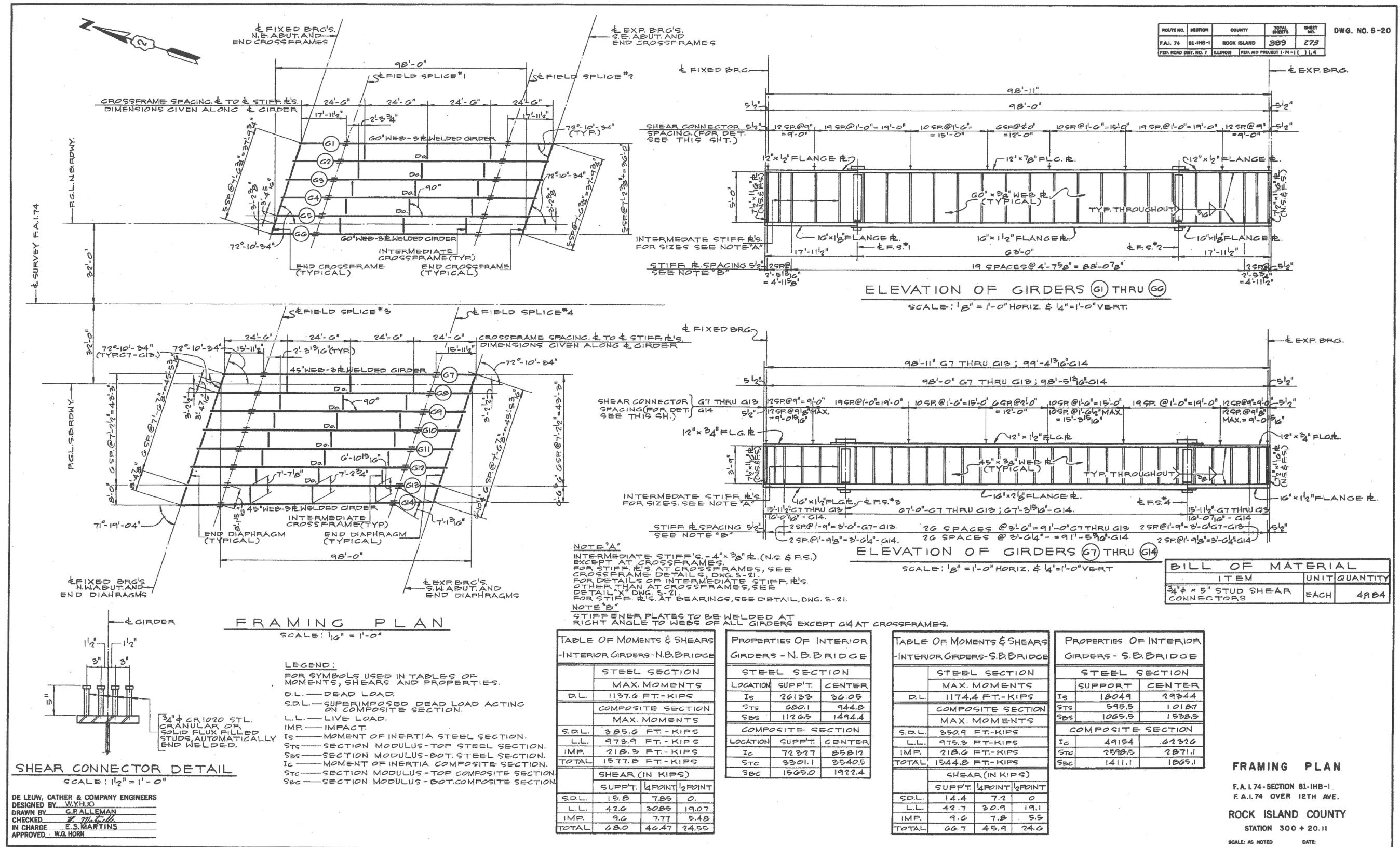


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PLOT DATE = 03/23/2017	DRAWN - AEC	REVISED
	CHECKED - JMH	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - DECK SLAB SECTIONS & DETAILS
 I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
 SHEET NO. 17 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR-1	ROCK ISLAND	2042	930
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

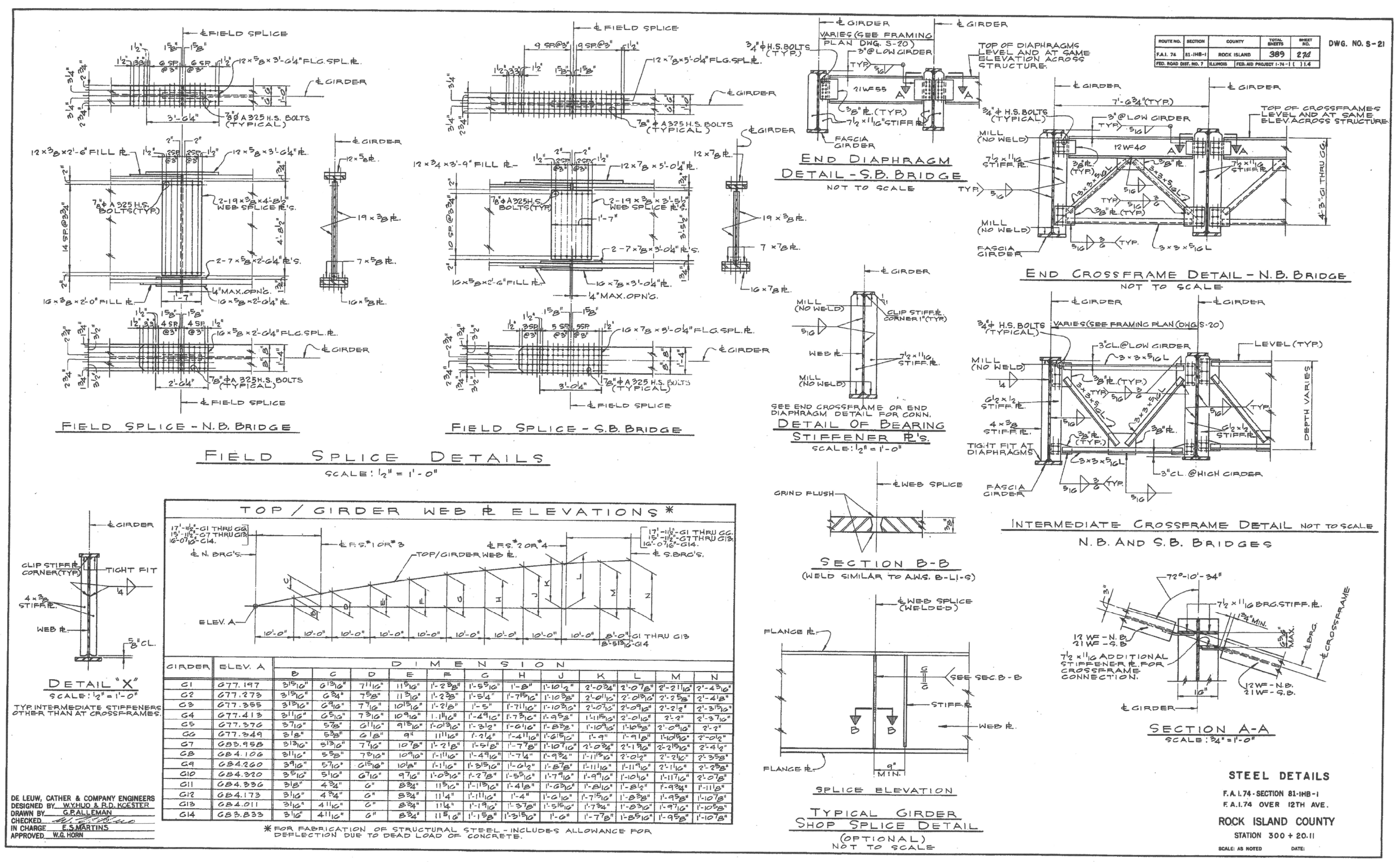


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PLOT SCALE =	CHECKED -	REVISED
PLOT DATE = 03/23/2017	DRAWN -	REVISED
	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - FRAMING PLAN
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 18 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	931
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY



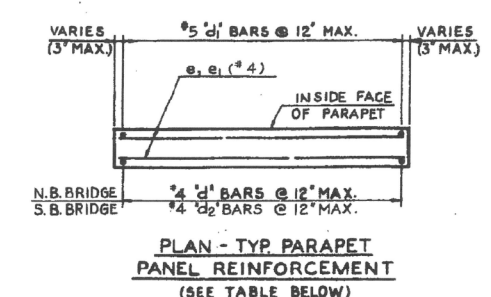
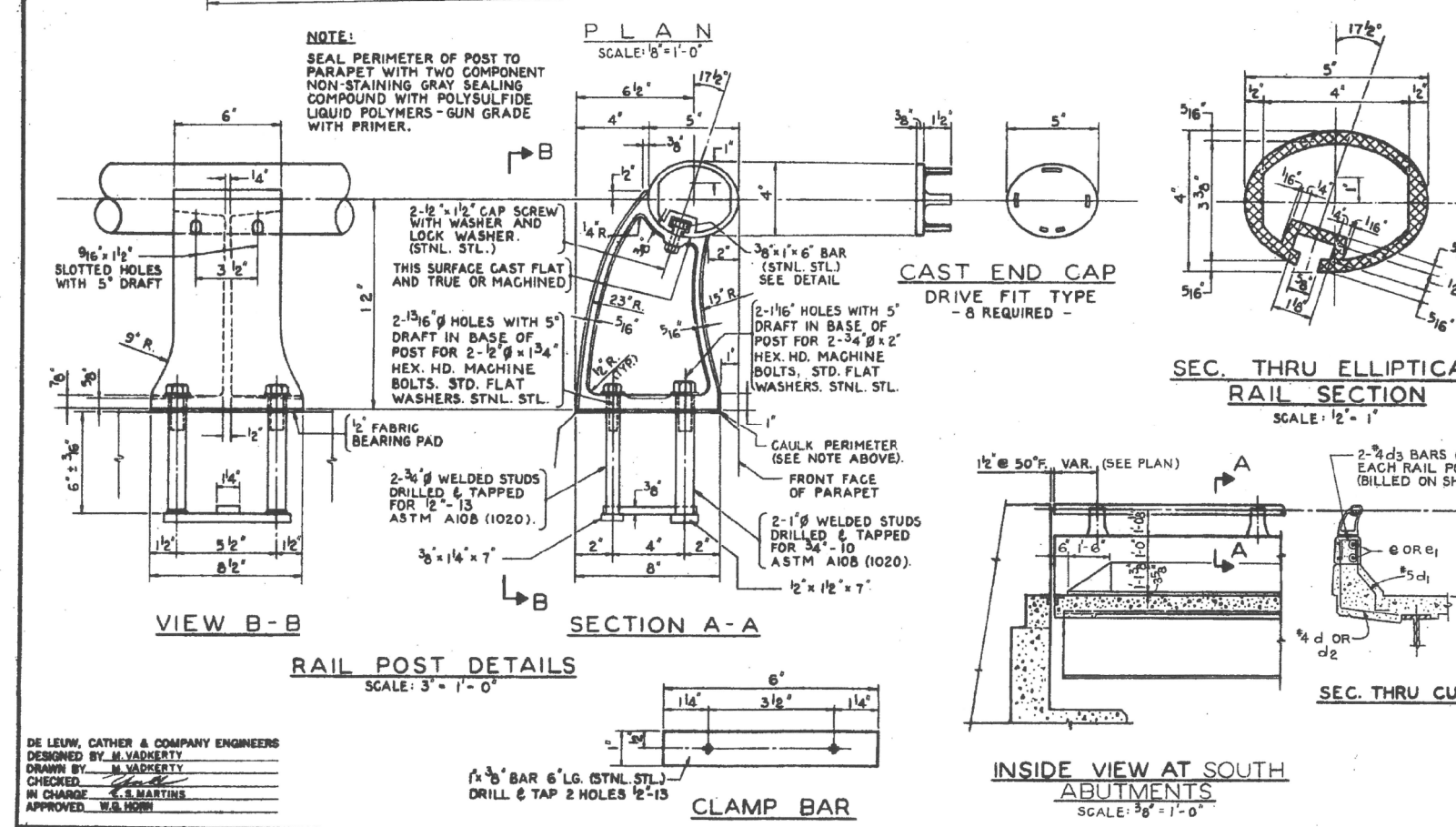
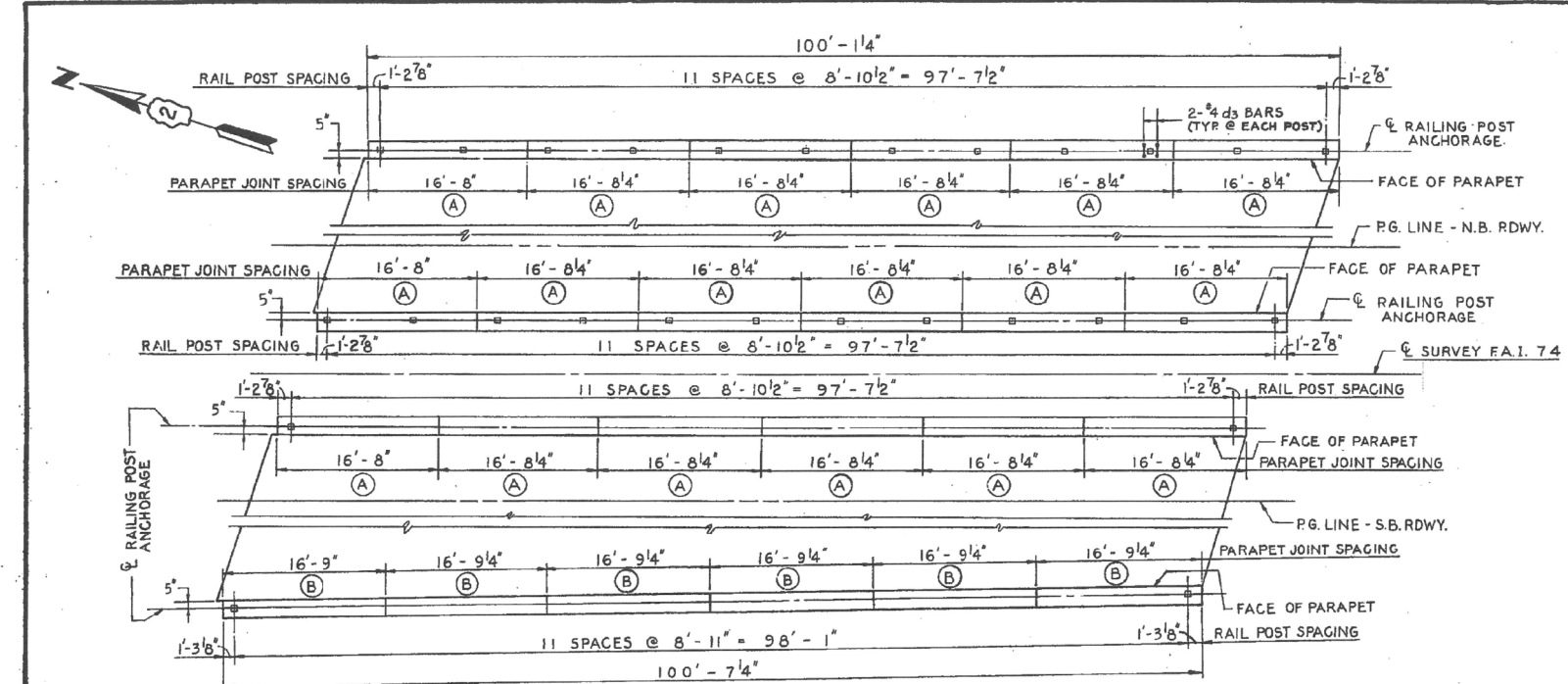
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PLOT DATE = 03/23/2017	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - STEEL DETAILS
I-74 OVER 12TH AVE. - STRUCTURE NO. 081-0182 WB & 081-0183 EB
SHEET NO. 19 OF 21 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HB-1	ROCK ISLAND	2042	932
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				





LOCATION	PANEL	NO. OF PANELS	NO. OF BARS EACH PANEL
N. BOUND	(A)	12	18-#4 d, 18-#5 d1, 2-#4 e E.F.
S. BOUND	(A)	6	18-#4 d2, 18-#5 d1, 2-#4 e E.F.
	(B)	6	18-#4 d2, 18-#5 d1, 2-#4 e1 E.F.

* BARS d, d1 AND d2 ARE DETAILED AND BILLED ON SH. S-18.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-IHB-1	ROCK ISLAND	389	276

BAR	NO	SIZE	LENGTH	SHAPE
B	72	#4	16'-4"	
e1	24	#4	16'-5"	

NOTES:

ALL POSTS SHALL BE NORMAL TO PARAPET. RAIL ELEMENT SHALL BE PARALLEL TO GRADE. PROVIDE ONE 1/8" AND TWO 1/16" SHIMS FOR 25 PERCENT OF THE POSTS. HIGH SPOTS SHALL BE GROUND, AND LOW SPOTS SHIMMED.

RAIL SHALL BE SUPPLIED IN MODULAR LENGTHS OF 30 FEET, EXCEPT AT ONE END OF THE BRIDGE, WHERE THE SHORTER RAIL LENGTH SHALL BE ATTACHED TO A MINIMUM OF TWO POSTS.

ALL JOINTS IN RAIL SHALL BE SPICED PER DETAIL. COST OF RAIL SPLICE, END CAPS AND HARDWARE SHALL BE INCIDENTAL TO THE ITEM "ALUMINUM RAILING".

FOR MATERIAL SPECIFICATIONS, SEE SECTIONS 710.36, 710.37 AND 719.09(a) OF THE STANDARD SPECIFICATIONS.

Aluminum alloy rail shall conform to ASTM B221 alloy 6061-T6 or 6351-T5 with min. yield 35 ksi, min. tensile 38ksi and elongation of 10 % in 2 inches.

ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YDS.	12.9
REINFORCEMENT BARS	POUND	1,050
ALUMINUM RAILING	LN. FT.	401

PARAPET AND RAILING DETAILS

F.A.I. 74 SECTION 81-IHB-1
F.A.I. 74 OVER 12TH AVE.

ROCK ISLAND COUNTY

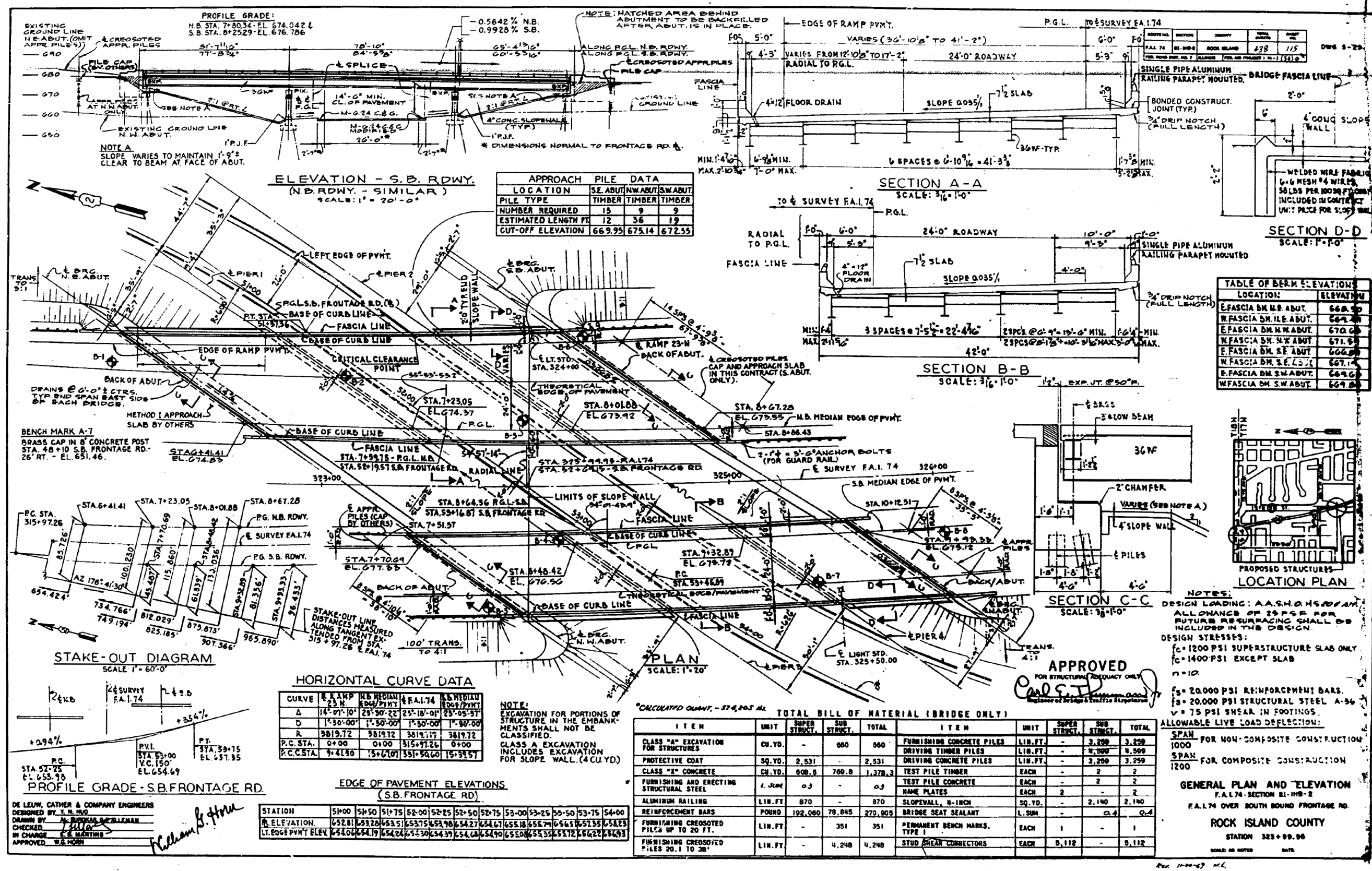
STATION 300+20.11

SCALE: AS NOTED DATE:

FOR INFORMATION ONLY

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6/13/24 AM 3/23/2017



benesch
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

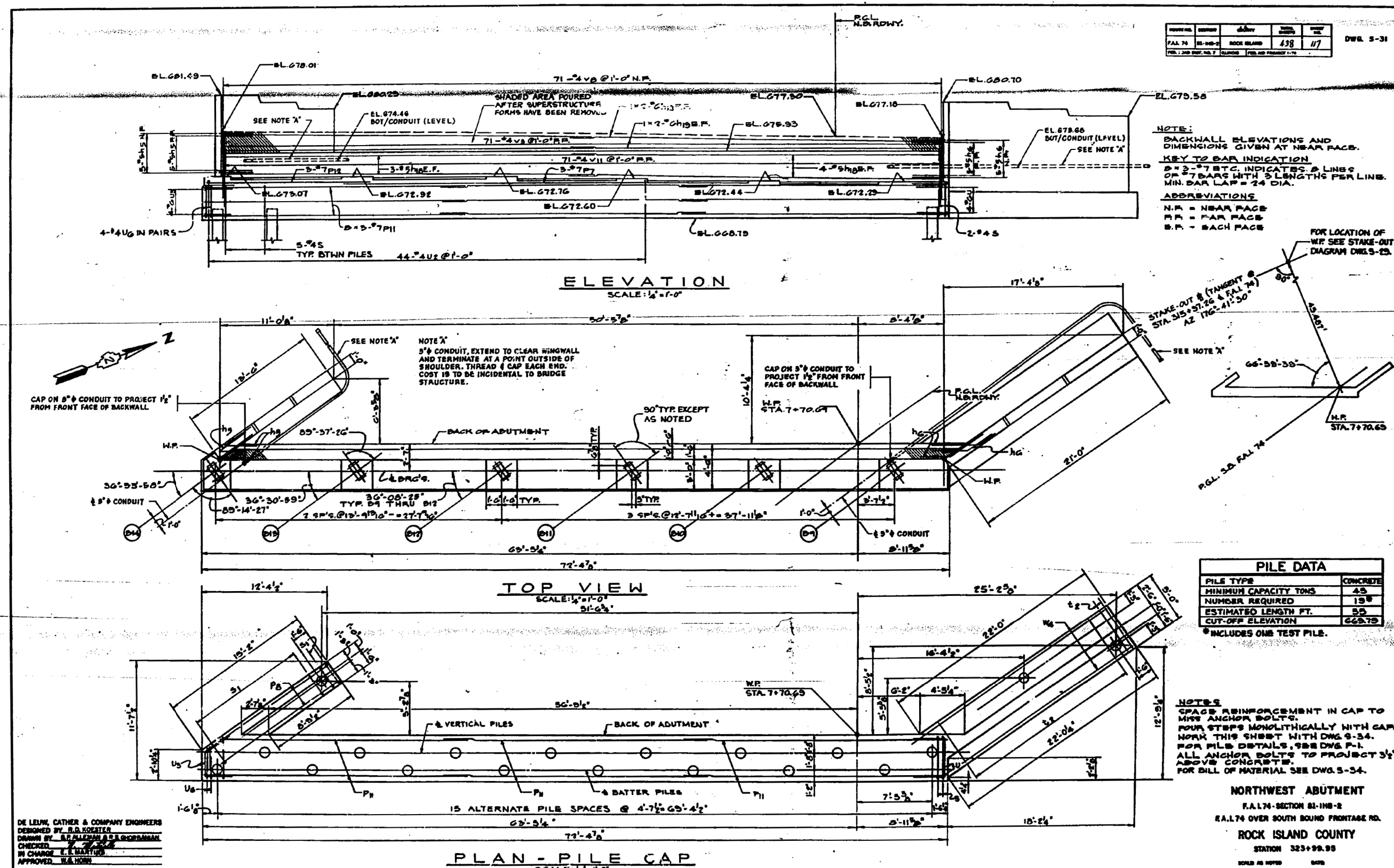
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USER NAME : ksnider
DESIGNED : DTS
CHECKED : AJK
DRAWN : DTS
IN CHARGE : E. MARTINE
APPROVED : W. H. HORN
PLOT SCALE :
PLOT DATE : 3/23/2017

DESIGNED : DTS
CHECKED : AJK
DRAWN : DTS
IN CHARGE : E. MARTINE
APPROVED : W. H. HORN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - GENERAL PLAN AND ELEVATION
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)
SHEET NO. SX1 OF SX15 SHEETS

F.A.I. RTE. 74
SECTION 81-1(R)-1 & 81-1(HBR, HBR-1, HBR-2)
COUNTY ROCK ISLAND
TOTAL SHEETS 2042
SHEET NO. 935
CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT



REVISION	DATE	BY	CHKD	APPD
1	08/14/08	W.B.	W.B.	W.B.

NOTE:
BACKWALL ELEVATIONS AND DIMENSIONS GIVEN AT NEAR FACE.
KEY TO BAR INDICATION
B-3-7 ETC. INDICATES 3 LINES OF #7 BARS WITH 3 LENGTHS PER LINE. MIN. BAR LAP = 24 DIA.
ABBREVIATIONS
N.P. = NEAR FACE
F.P. = FAR FACE
B.F. = BACK FACE

PILE DATA	
PILE TYPE	CONCRETE
MINIMUM CAPACITY TONS	45
NUMBER REQUIRED	19
ESTIMATED LENGTH FT.	55
CUT-OFF ELEVATION	669.75

NOTES
SPACE REINFORCEMENT IN CAP TO MEET ANCHOR BOLTS.
FOUR STEPS MONOLITHICALLY WITH CAP. WORK THIS SHEET WITH DWG S-34.
FOR PILE DETAILS, SEE DWG P-1.
ALL ANCHOR BOLTS TO PROJECT 3/4" ABOVE CONCRETE.
FOR BILL OF MATERIAL SEE DWG S-34.

NORTHWEST ABUTMENT
F.A.L. 74 - SECTION 81-118-2
F.A.L. 74 OVER SOUTH BOUND FRONTAGE RD.
ROCK ISLAND COUNTY
STATION 323+99.95
SCALE AS SHOWN

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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - NORTHWEST ABUTMENT
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

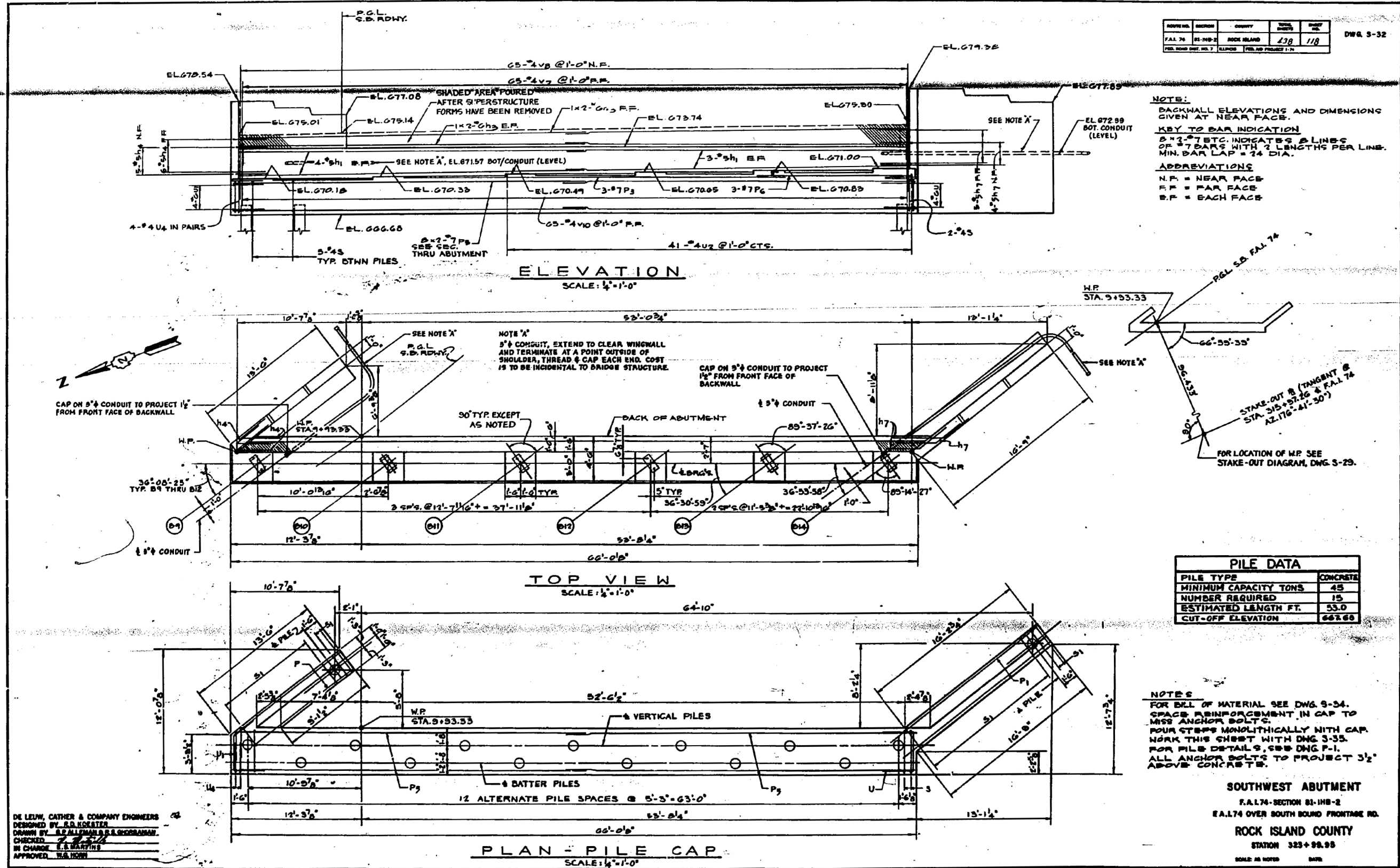
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	937

FILE NAME : 081-0184&0185-C08CD-094-Existing_Plan--Northwest_Abutment.dgn	USER NAME : ksnider	DESIGNED - DTS	REVISED -
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	PLOT DATE : 3/23/2017	DRAWN - DTS	REVISED -
		CHECKED - AJK	REVISED -

SHEET NO. SX3 OF SX15 SHEETS

ILLINOIS FED. AID PROJECT

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6/16/39 AM
3/23/2017



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Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

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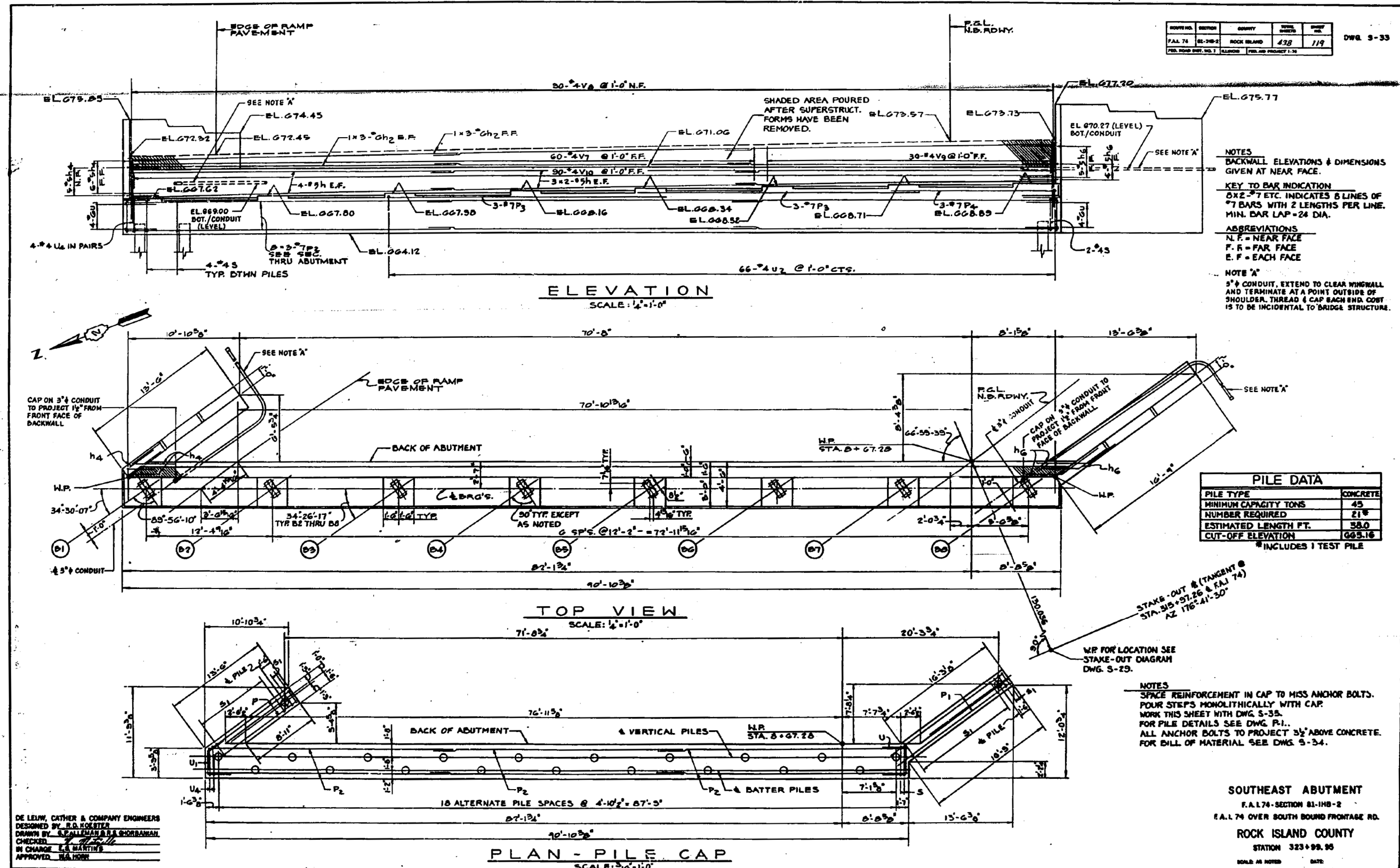
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		CHECKED - AJK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - SOUTHWEST ABUTMENT
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

SHEET NO. SX4 OF SX15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	938
				CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT				



Alfred Benesch & Company
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Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

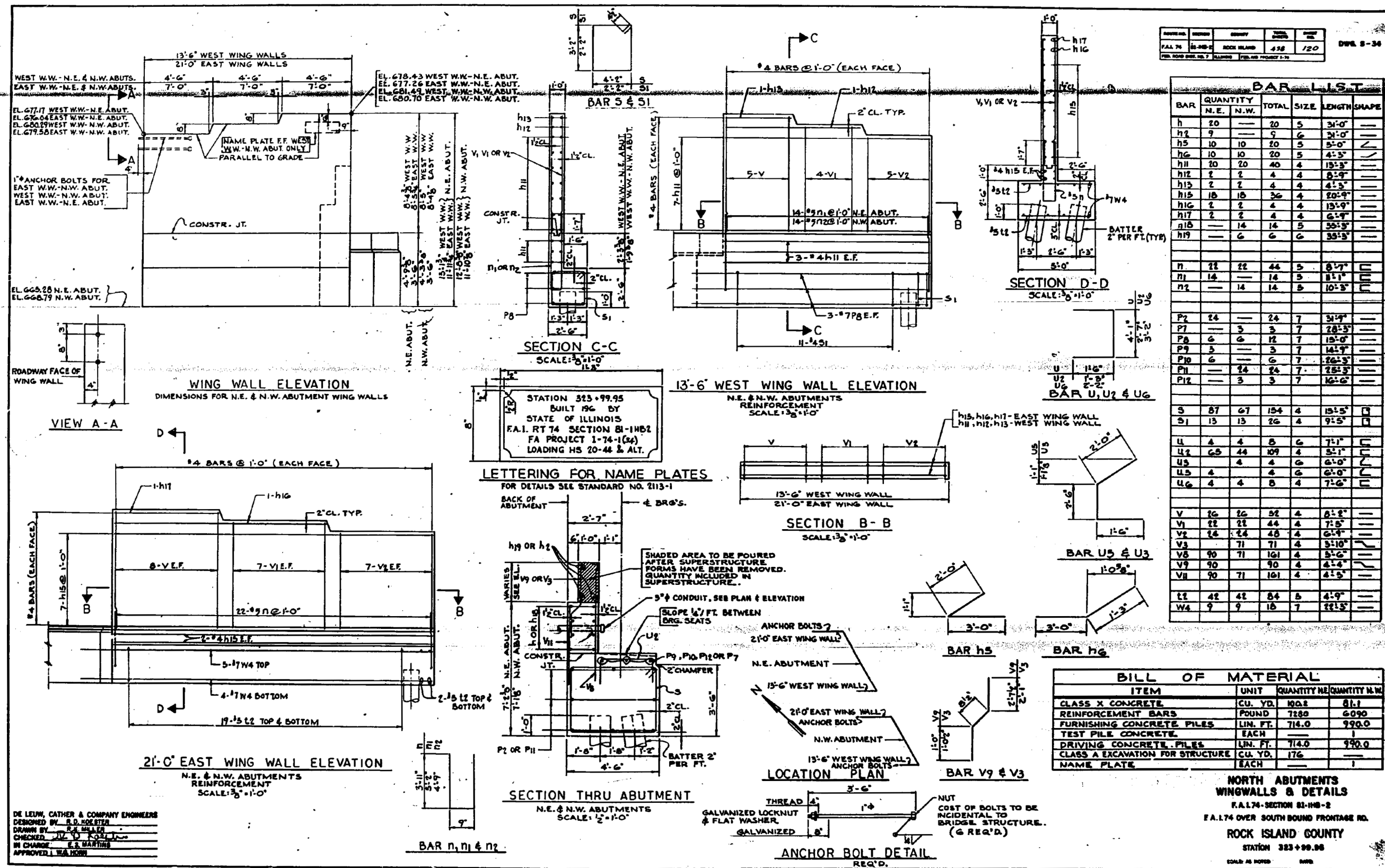
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	PLOT DATE : 3/23/2017	DRAWN - DTS	REVISED -
		CHECKED - AJK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - SOUTHEAST ABUTMENT
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

SHEET NO. SX5 OF SX15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	939
				CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT				



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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
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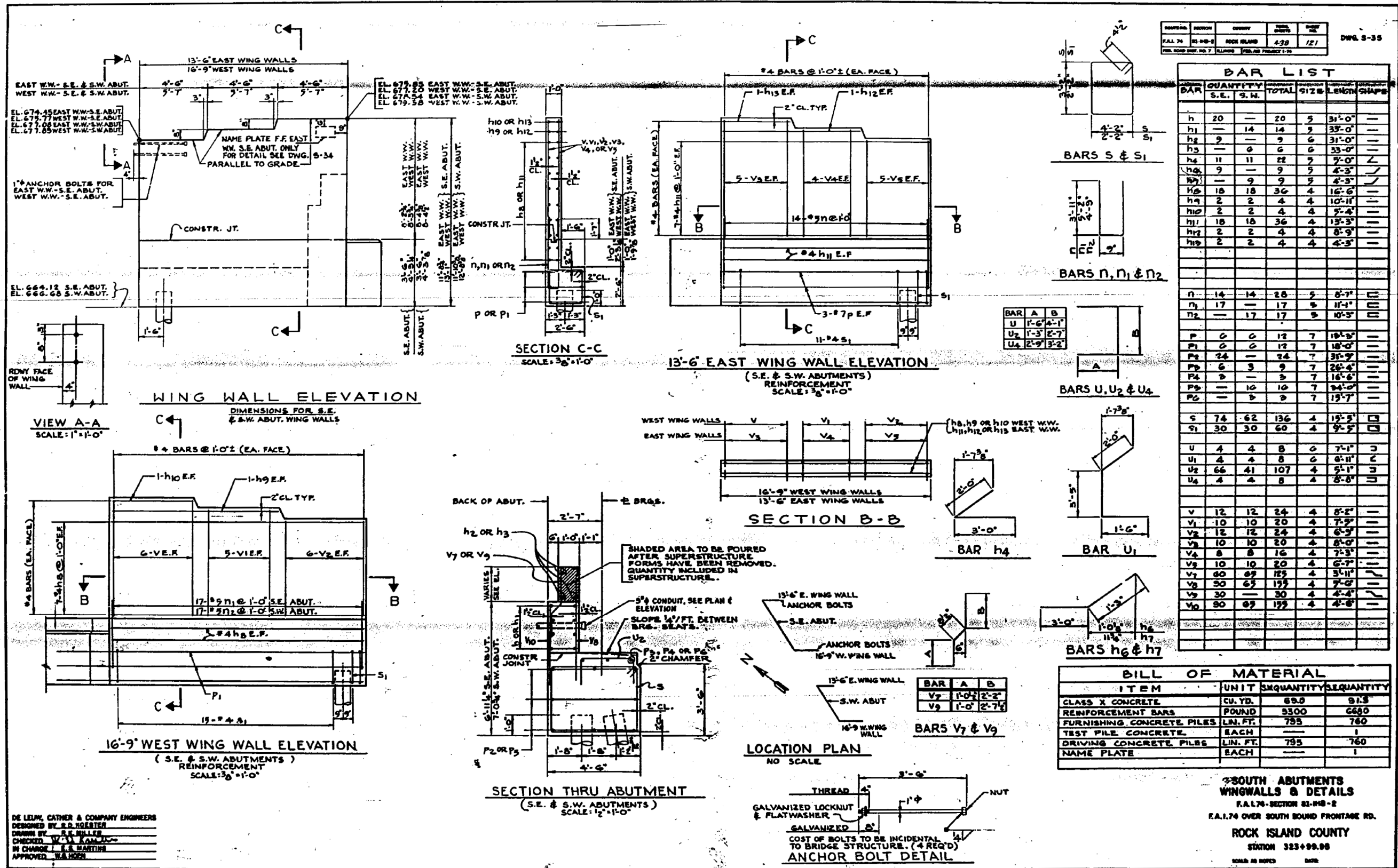
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PLOT SCALE :	DRAWN - DTS	REVISED -
PLOT DATE : 3/23/2017	CHECKED - AJK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - NORTH ABUTMENTS WINGWALLS & DETAILS
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

SHEET NO. SX6 OF SX15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	940
				CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT				



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FILE NAME: 081-0184-0185-Existing-Plan--South-Abutments-Wingwalls-&-Details.dgn
MODEL: Default

USER NAME: ksnider
DESIGNED: DTS
CHECKED: AJK
DRAWN: DTS
CHECKED: W. J. KAM...
IN CHARGE: E. E. MARTINE
APPROVED: M. A. ROSEN

PLOT SCALE: _____
PLOT DATE: 3/23/2017

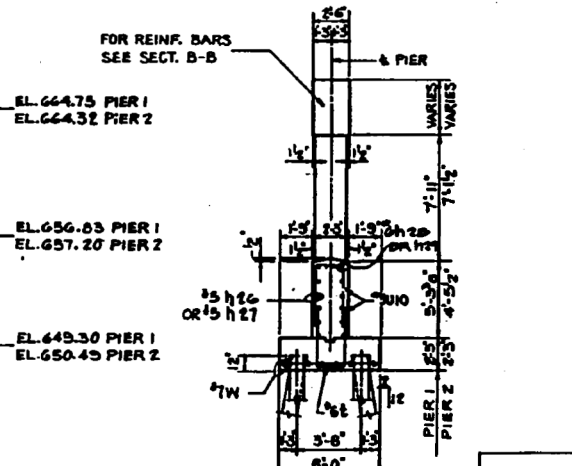
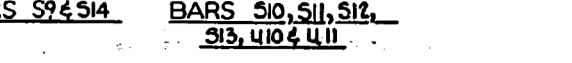
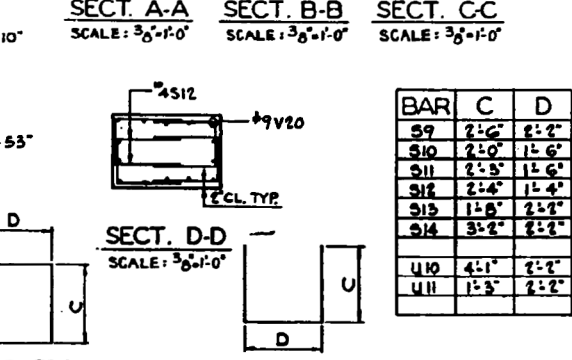
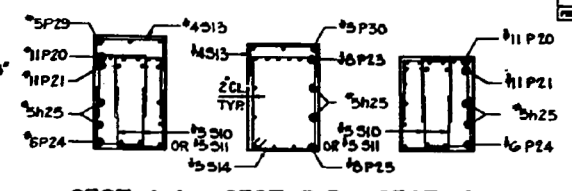
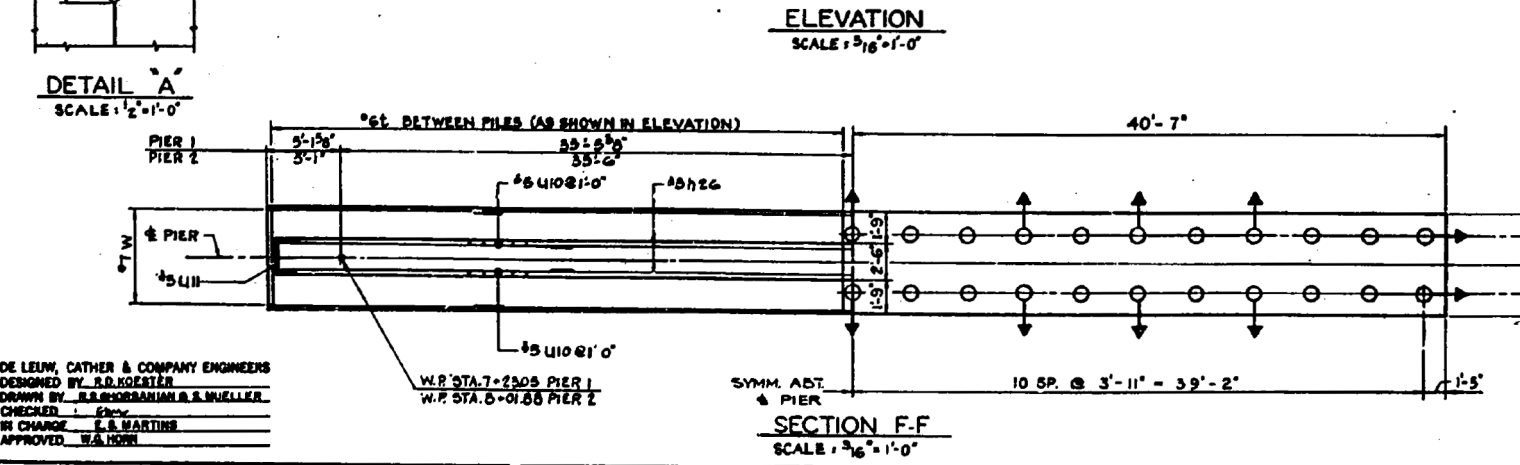
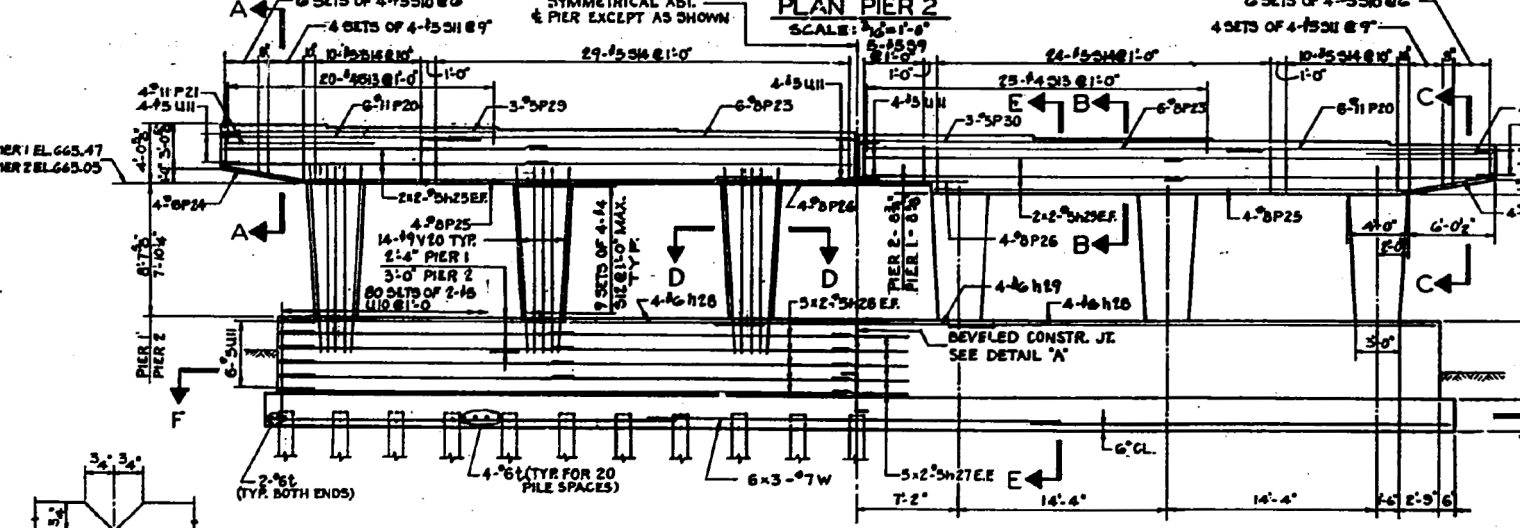
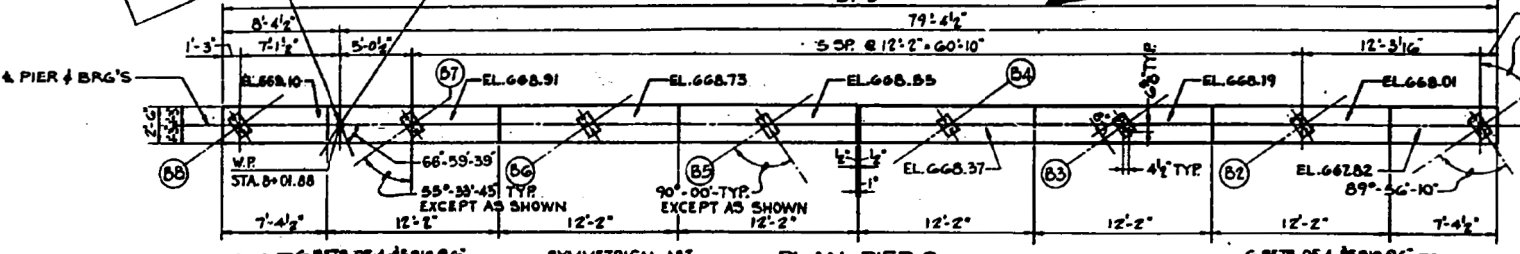
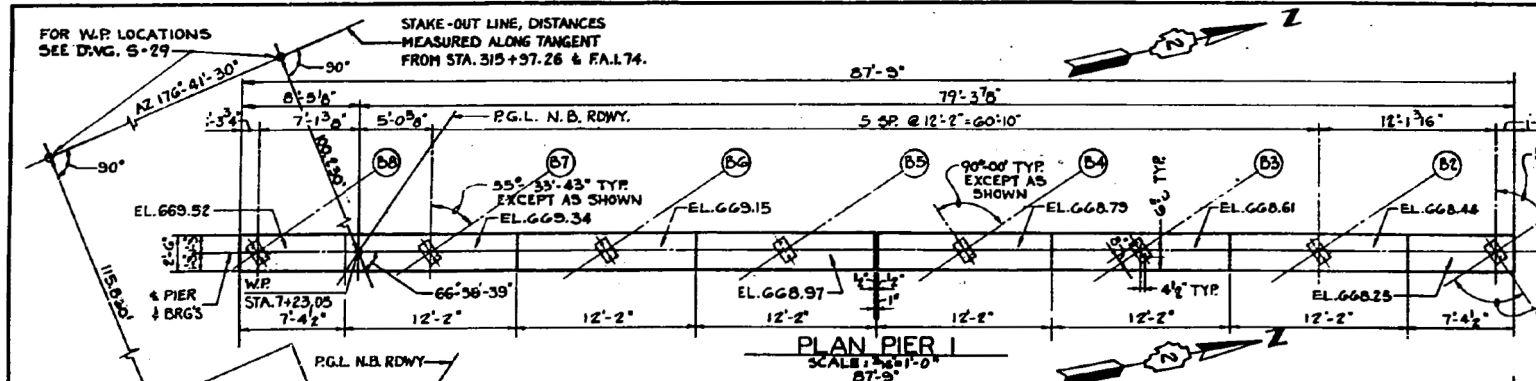
FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - SOUTH ABUTMENTS WINGWALLS & DETAILS
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	941
				CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT				

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NOTES:
 ANCHOR BOLTS TO PROJECT 3/4" ABOVE CONCRETE ON PIER 1 AND 4" ABOVE CONCRETE ON PIER 2.
 SPACE REINFORCEMENT IN CAP TO MISS ANCHOR BOLTS.
 ALL EDGES TO HAVE STD. 3/8" CHAMFER EXCEPT AS NOTED.
 FOUR STEPS MONOLITHICALLY WITH PIER CAP.
 ALL BAR DIMENSIONS ARE OUT TO OUT.
 MINIMUM BAR LAP = 24 DIA.
 KEY TO BAR INDICATION: 5-2-10 ETC. INDICATES 5 LINES OF #10 BARS WITH 2 LENGTHS PER LINE.

PILE DATA		
LOCATION	PIER 1	PIER 2
PILE TYPE	TIMBER	TIMBER
MINIMUM CAPACITY TONS	24	24
NUMBER REQUIRED	42	42
ESTIMATED LENGTH FT.	21	33
CUT OFF ELEVATION	650.30	651.49

NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	81-HB-2	ROCK ISLAND	438	122
F.A.I. 74 OVER SOUTH BOUND FRONTAGE RD.				

BAR LIST						
BAR	NO.	PIER 1	PIER 2	TOTAL	SIZE	LENGTH
h12	10	10	10	20	#5	22'-6"
h16	20	20	20	40	#5	20'-6"
h21	20	20	20	40	#5	21'-3"
h18	8	8	8	16	#6	33'-6"
h27	4	4	4	8	#6	15'-10"
P10	12	12	24	41	#11	18'-0"
P11	8	8	16	24	#11	12'-5"
P13	12	12	24	48	#11	27'-0"
P14	8	8	16	24	#11	6'-0"
P15	8	8	16	24	#11	33'-6"
P26	8	8	16	24	#11	9'-3"
P29	3	3	6	15	#11	19'-0"
P30	3	3	6	15	#11	24'-0"
S9	3	3	10	16	#5	10'-3"
S10	40	40	96	176	#5	5'-6"
S11	32	32	64	128	#5	6'-0"
S12	216	216	432	864	#5	6'-0"
S13	48	48	96	144	#5	5'-6"
S14	73	73	146	219	#5	11'-7"
U	84	84	168	252	#5	5'-6"
U10	160	160	320	480	#5	10'-4"
U11	19	19	38	57	#5	4'-0"
V20	84	84	168	252	#5	13'-5"
W	18	18	36	54	#5	23'-0"

BILL OF MATERIAL			
ITEM	UNIT	QUANTITY	
CLASS A EXCAVATION FOR STRUCT.	CU. YD.	136	119
CLASS X CONCRETE	CU. YD.	128.2	114.7
REINFORCEMENT BARS	LBS.	13,160	13,160
FURNISHING CROSCOTED PILES 201 TO 30 FT.	LIN. FT.	861	1386
DRIVING TIMBER PILES	LIN. FT.	861	1386
TEST PILES	EACH	1	—

PIERS 1 & 2
 F.A.I. 74-SECTION 81-HB-2
 F.A.I. 74 OVER SOUTH BOUND FRONTAGE RD.
ROCK ISLAND COUNTY
 STATION 323+98.98
 SCALE AS NOTED DATE

benesch
 Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

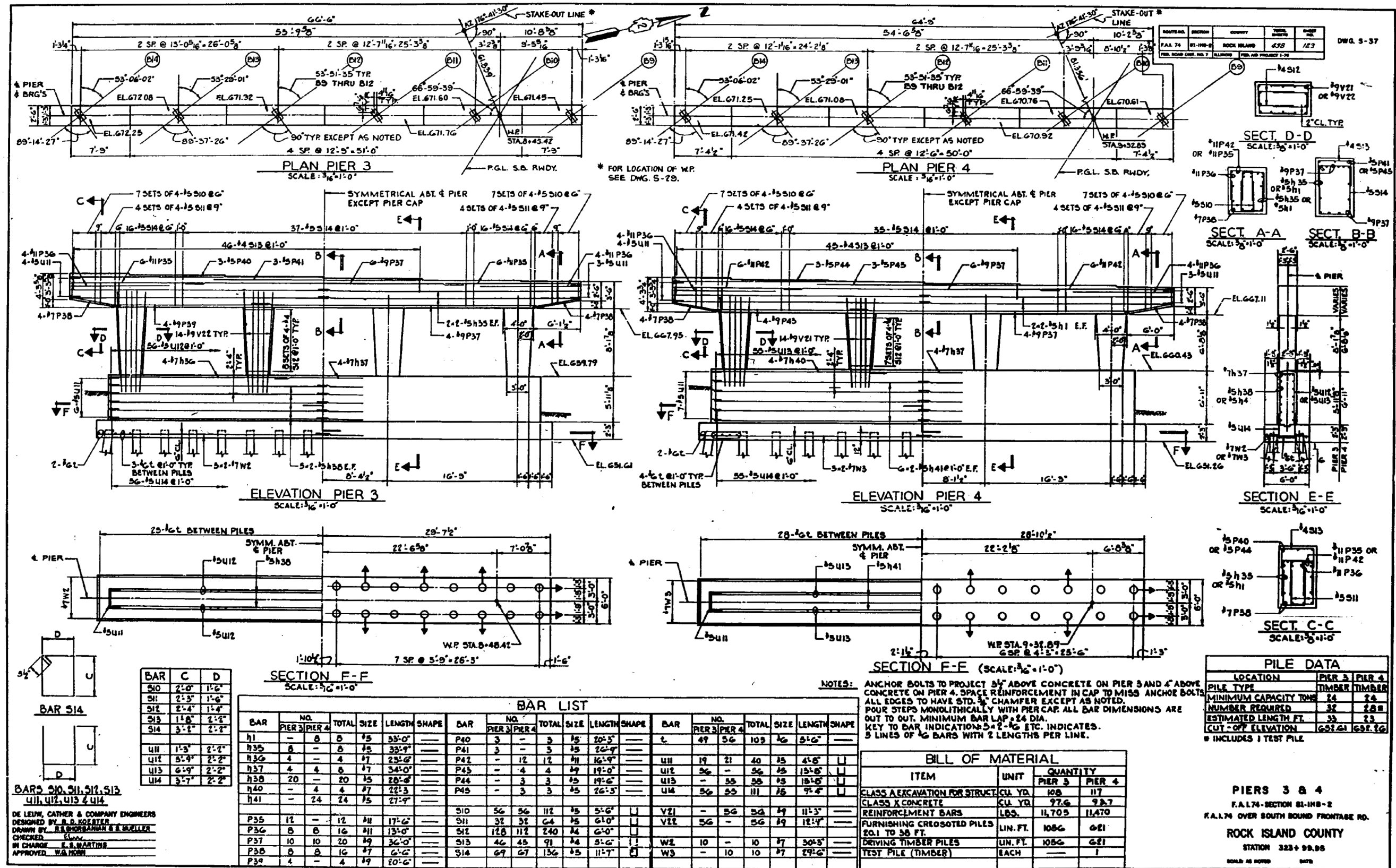
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	PLOT DATE : 3/23/2017	DRAWN - DTS	REVISED -
		CHECKED - AJK	REVISED -

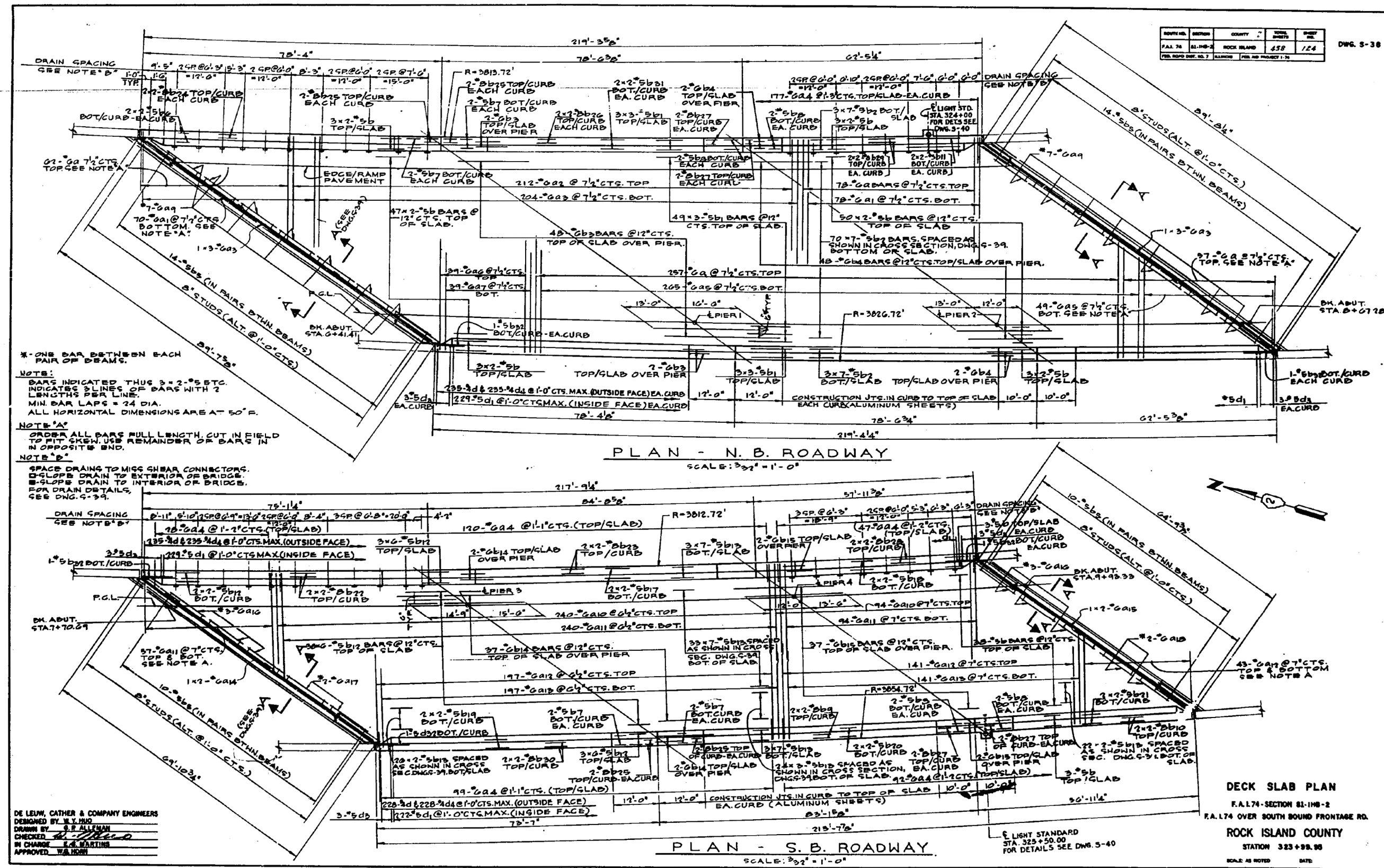
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - PIERS 1 & 2
 S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	942
CONTRACT NO. 64E26				ILLINOIS FED. AID PROJECT

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DE LEUM, CATHY & COMPANY ENGINEERS
DESIGNED BY: J. J. HUNTER
DRAWN BY: J. J. HUNTER
IN CHARGE: J. J. HUNTER
APPROVED: J. J. HUNTER

DECK SLAB PLAN
F.A. 174 - SECTION 81-118-2
F.A. 174 OVER SOUTH BOUND FRONTAGE RD.
ROCK ISLAND COUNTY
STATION 323+95.00
SCALE AS NOTED DATE:

benesch
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

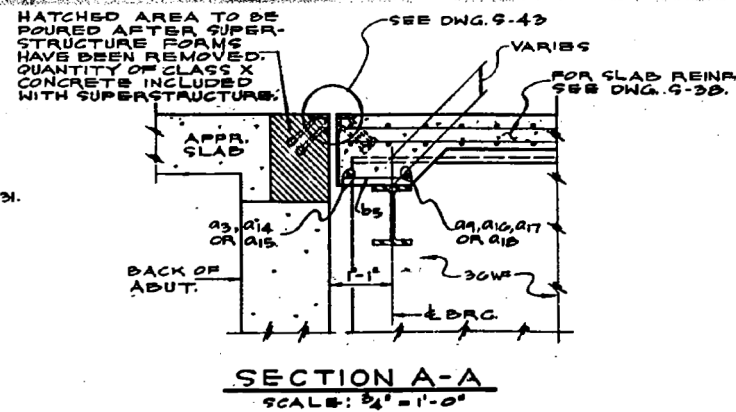
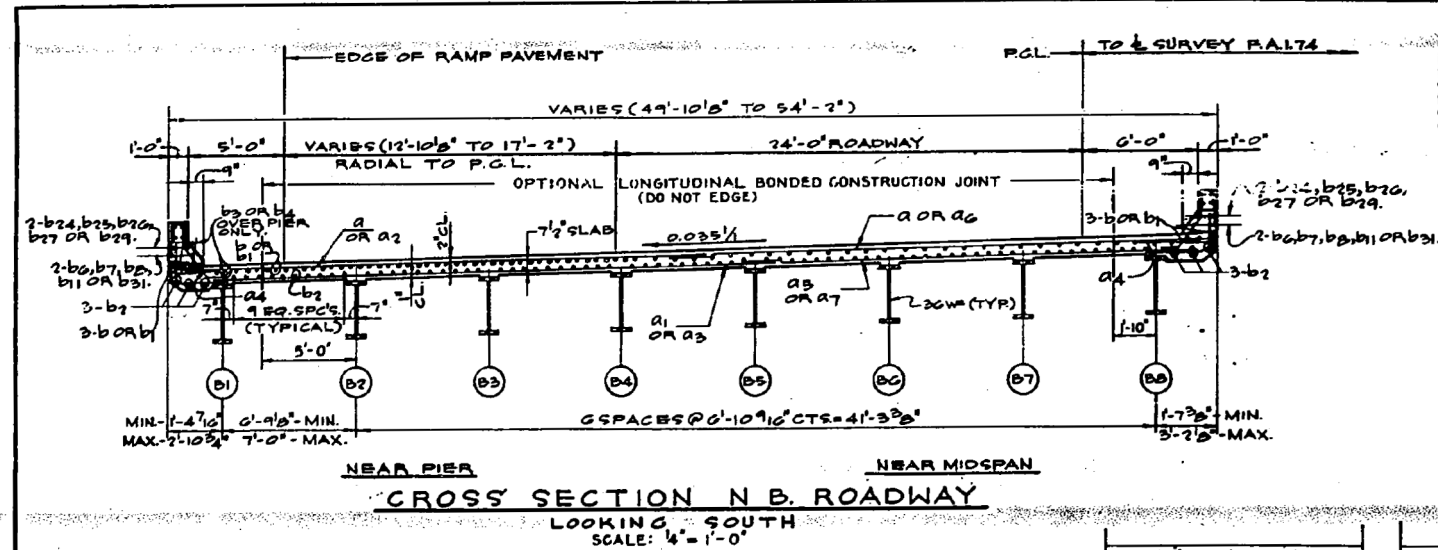
EXISTING PLAN - DECK SLAB PLAN
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	944
CONTRACT NO. 64E26				
ILLINOIS FED. AID PROJECT				

FILE NAME : 081-0184-0185-CORRCD-101-Existing-Plan--Deck_Slab_Plan.dgn	USER NAME : ksnider	DESIGNED - DTS	REVISED -
MODEL: Default	PLOT SCALE :	CHECKED - A.J.K.	REVISED -
	PLOT DATE: 3/23/2017	DRAWN - DTS	REVISED -
		CHECKED - A.J.K.	REVISED -

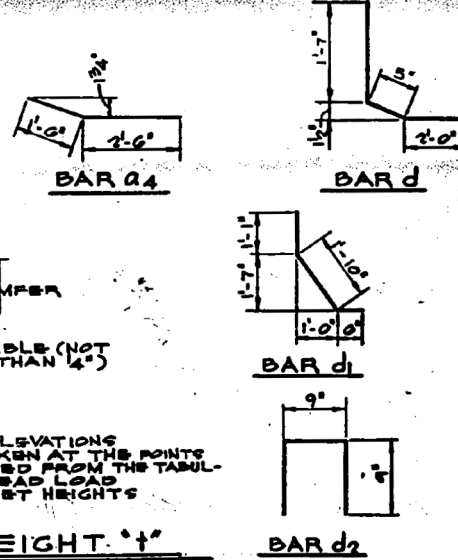
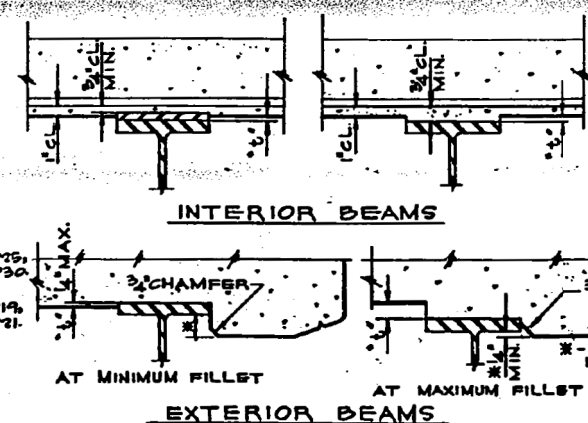
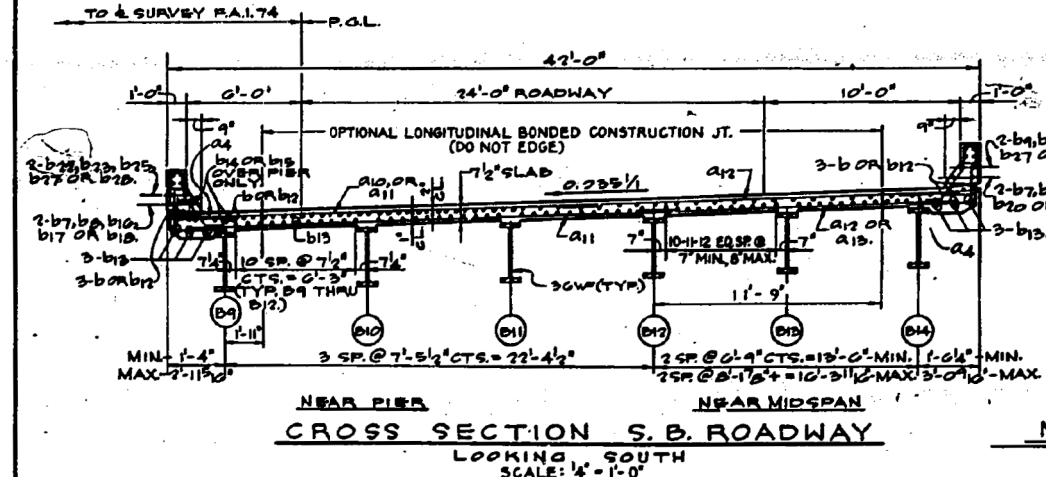
SHEET NO. SX10 OF SX15 SHEETS

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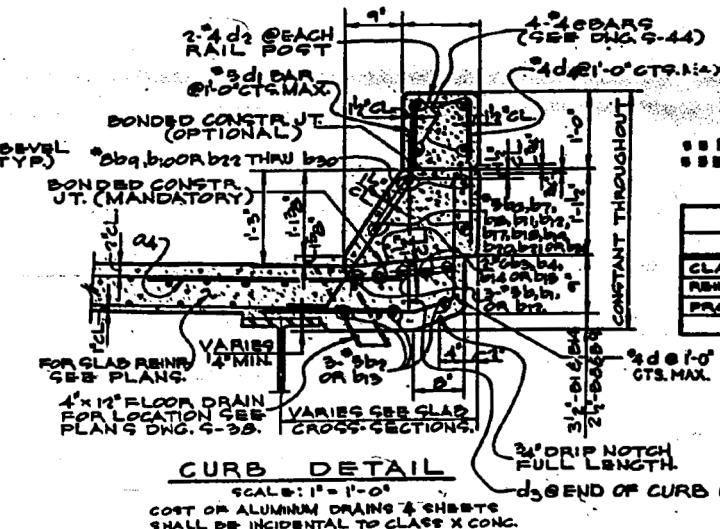
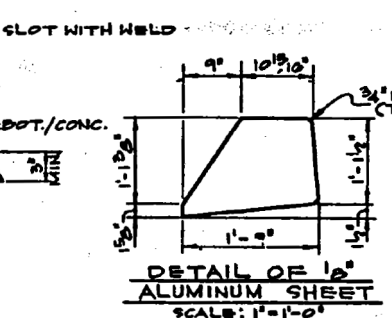
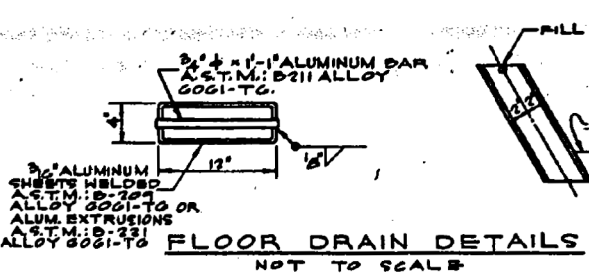
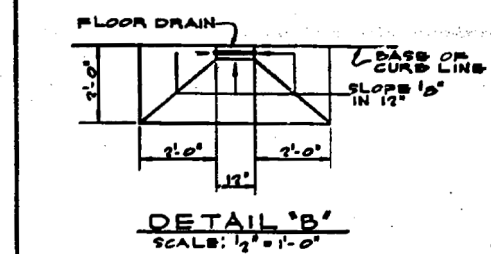


ROUTE NO.	SECTION	COUNTY	DATE	NO.
RA. 74	21-30-2	ROCK ISLAND	438	125
FED. ROAD DIST. NO. 7 ILLINOIS (FED. AID PROJECT 1-74)				

BAR LIST					
BAR	QUANTITY	N.B.	S.D.	TOTAL	SIZE
a	254			254	0
a1	148			148	0
a2	212			212	0
a3	10			10	0
a4	384	282	740	0	21.7
a5	314		314	0	20.5
a6	34		34	0	28.4
a7	34		34	0	22.5
a8	14		14	0	11.4
a9		334	334	0	21.7
a10		448	448	0	28.4
a11		424	424	0	22.5
a12		338	338	0	18.5
a13		2	2	0	11.4
a14		2	2	0	11.4
a15		2	2	0	11.4
a16		2	2	0	11.4
a17		2	2	0	11.4
a18		2	2	0	11.4
b	216	44	260	0	20.5
b1	168		168	0	28.4
b2	332		332	0	22.5
b3	82		82	0	18.5
b4	28	20	28	0	11.4
b5	8	8	16	0	11.4
b6		4	4	0	11.4
b7		4	4	0	11.4
b8		4	4	0	11.4
b9		4	4	0	11.4
b10		4	4	0	11.4
b11		4	4	0	11.4
b12		4	4	0	11.4
b13		4	4	0	11.4
b14		4	4	0	11.4
b15		4	4	0	11.4
b16		4	4	0	11.4
b17		4	4	0	11.4
b18		4	4	0	11.4
b19		4	4	0	11.4
b20		4	4	0	11.4
b21		4	4	0	11.4
b22		4	4	0	11.4
b23		4	4	0	11.4
b24		4	4	0	11.4
b25		4	4	0	11.4
b26		4	4	0	11.4
b27		4	4	0	11.4
b28		4	4	0	11.4
b29		4	4	0	11.4
b30		4	4	0	11.4
b31		4	4	0	11.4
b32		4	4	0	11.4
c	5	5	5	0	11.4
d	470	428	953	4	21.7
d1	438	421	404	0	20.5
d2	108	102	210	4	21.7
d3	18	12	24	0	21.7
d4	470	428	953	4	11.4
d5	4	4	0	0	11.4



AFTER ALL STRUCTURAL STEEL HAS BEEN ERECTED, ELEVATIONS OF THE TOP FLANGES OF THE W BEAMS SHALL BE TAKEN AT THE POINTS SHOWN IN TABLE A. THESE ELEVATIONS SUBTRACTED FROM THE TABULATED THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION IN SAME TABLE A, MINUS 7/16" EQUALS THE FILLET HEIGHTS ABOVE THE TOP FLANGE OF W BEAMS.



FOR LOCATION OF d1, d3, d4 BARS & OTHER PARAPET REINFORCEMENT SEE DWG. S-44. FOR DETAILS OF d6 & d7 SEE DWG. S-9.

SS PARAPET QUANTITIES NOT INCLUDED.

SSS PROTECTIVE COAT INCLUDES VENEER & PARAPET QUANTITIES.

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	278.3
REINFORCEMENT BARS	POUND	189,790
PROTECTIVE COAT	SSYD	2.531

DECK SLAB SECTIONS & DETAILS

RA. 174 - SECTION 21-30-2

RA. 174 OVER SOUTH BOUND FRONTAGE RD.

ROCK ISLAND COUNTY

STATION 323 + 00.00

SCALE AS NOTED

DE LEUW, CATHY & COMPANY ENGINEERS

DESIGNED BY: W.Y. HARRIS

DRAWN BY: S.P. ALLEN

CHECKED: E.S. MARTIN

IN CHARGE: E.S. MARTIN

APPROVED: W.A. HARRIS

benesch

Alfred Benesch & Company

205 North Michigan Avenue, Suite 2400

Chicago, Illinois 60601

312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

DESIGNED - DTS	REVISED -
CHECKED - AJK	REVISED -
DRAWN - DTS	REVISED -
CHECKED - AJK	REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - DECK SLAB SECTIONS & DETAILS

S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

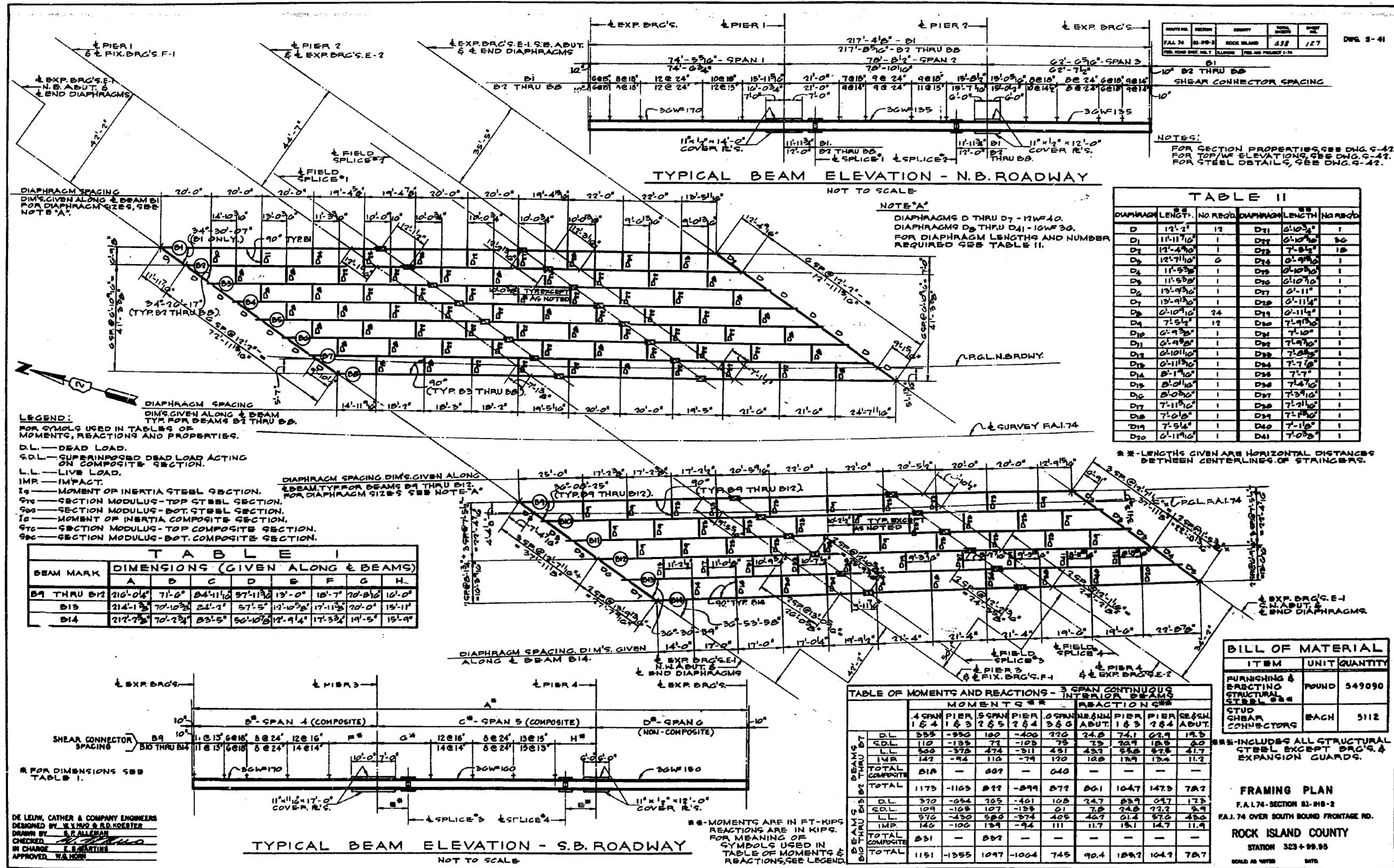
SHEET NO. SX11 OF SX15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	945
				CONTRACT NO. 64E26
ILLINOIS FED. AID PROJECT				

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LEGEND:
FOR SYMBOLS USED IN TABLES OF
MOMENTS, REACTIONS AND PROPERTIES.
D.L. — DEAD LOAD.
S.D.L. — SUPERIMPOSED DEAD LOAD ACTING
ON COMPOSITE SECTION.
L.L. — LIVE LOAD.
IMP. — IMPACT.
I_g — MOMENT OF INERTIA STEEL SECTION.
S_g — SECTION MODULUS — TOP STEEL SECTION.
S_{bot} — SECTION MODULUS — BOT. STEEL SECTION.
I_c — MOMENT OF INERTIA COMPOSITE SECTION.
S_{tc} — SECTION MODULUS — TOP COMPOSITE SECTION.
S_{bc} — SECTION MODULUS — BOT. COMPOSITE SECTION.

TABLE I								
BEAM MARK	DIMENSIONS (GIVEN ALONG & BEAMS)							
	A	B	C	D	E	F	G	H
B9 THRU B12	216'-0"	71'-0"	84'-11"	57'-11"	13'-0"	18'-7"	70'-8"	10'-0"
B13	214'-1"	70'-10"	84'-1"	57'-5"	13'-0"	17'-11"	70'-0"	15'-11"
B14	212'-7"	70'-2"	83'-5"	56'-10"	12'-9"	17'-3"	69'-5"	15'-9"

DE LEUM, CATHAR & COMPANY ENGINEERS
DESIGNED BY: W. J. H. & R. D. ROESTER
DRAWN BY: J. E. ALLEN
CHECKED: J. E. ALLEN
IN CHARGE: J. E. ALLEN
APPROVED: W. J. H.

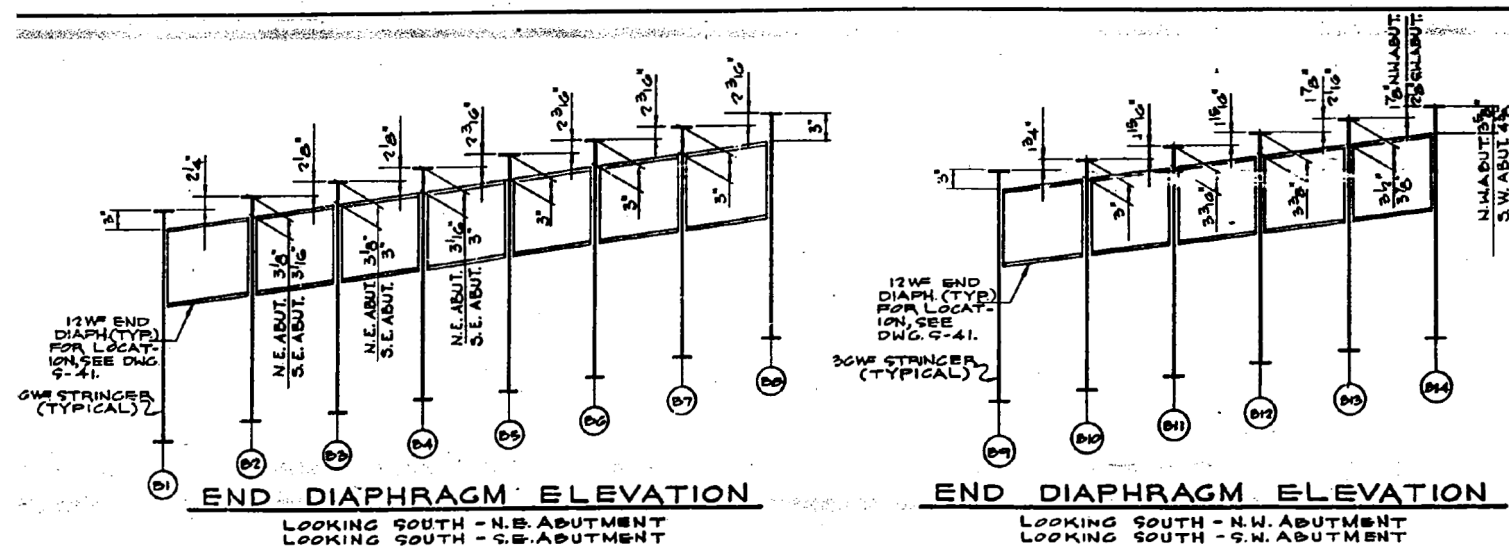
TABLE OF MOMENTS AND REACTIONS - 3 SPAN CONTINUOUS												
		INTERNAL BEAMS										
		MOMENTS					REACTIONS					
BEAMS	THRU	4 SPAN	PIER 1	5 SPAN	PIER 2	6 SPAN	NEIGH	PIER 1	PIER 2	PIER 3	SEAS	
		1 & 4	1 & 3	2 & 5	2 & 4	3 & 6	ABUT.	1 & 3	2 & 4	3 & 5	ABUT.	
BEAMS	D.L	355	-950	100	-400	770	24.8	74.1	62.9	19.3	74.1	62.9
	S.D.L	110	-135	73	-103	75	23	32.9	18.3	2.0	32.9	18.3
	L.L	508	-370	474	-511	451	43.0	58.8	52.5	41.7	58.8	52.5
	IMP	142	-94	110	-79	120	10.8	13.9	13.4	11.2	13.9	13.4
	TOTAL COMPOSITE	615	-1359	657	-1082	916	108	147	127	64	147	127
BEAMS	TOTAL	1173	-1163	822	-899	872	80.1	104.7	147.3	78.7	104.7	147.3
	D.L	370	-954	105	-401	785	24.7	74.9	63.7	19.3	74.9	63.7
	S.D.L	109	-138	107	-105	76	23	33.4	18.3	2.0	33.4	18.3
	L.L	576	-430	580	-574	405	44.7	61.4	57.0	43.0	61.4	57.0
	IMP	140	-100	139	-94	111	11.7	15.1	14.7	11.9	15.1	14.7
BEAMS	TOTAL COMPOSITE	631	-1362	631	-1074	877	110	144	135	65	144	135
	TOTAL	1151	-1355	1097	-1004	745	90.4	109.7	144.7	78.7	109.7	144.7

TABLE II

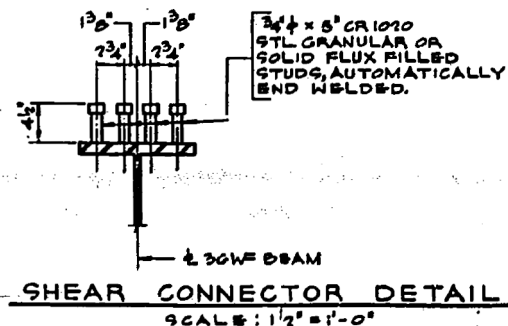
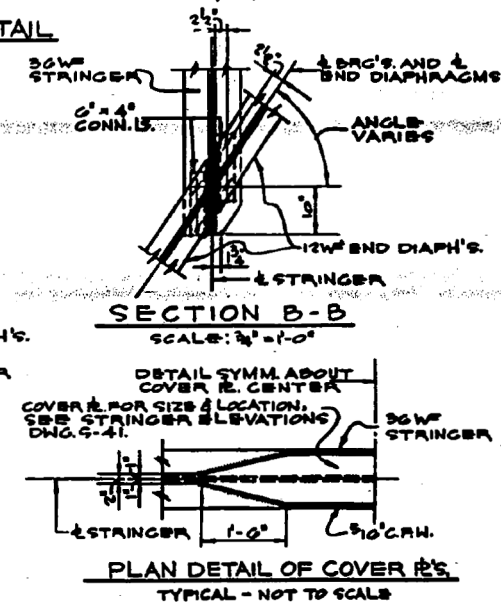
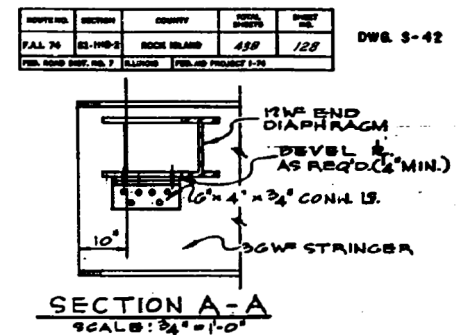
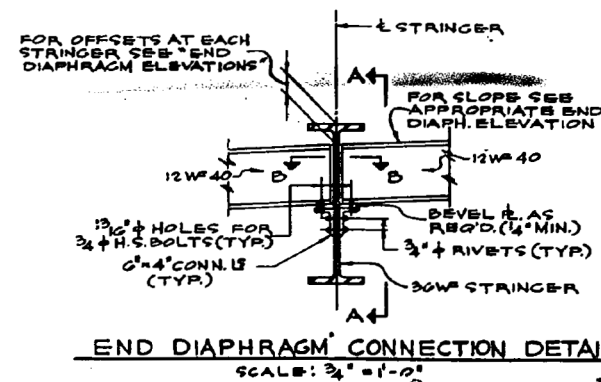
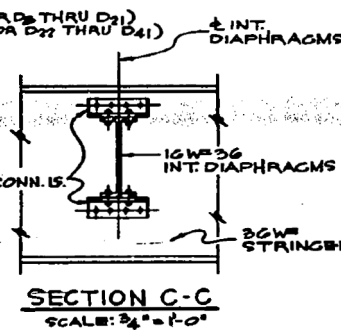
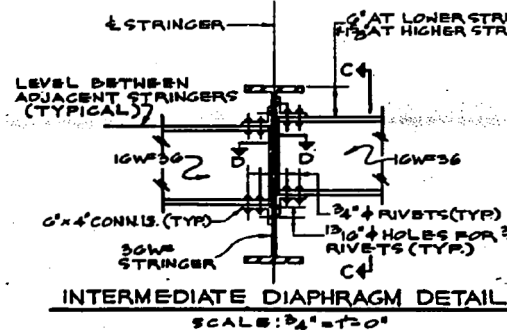
DIAPHRAGM	LENGTH	NO. REQ'D	DIAPHRAGM	LENGTH	NO. REQ'D
D	12'-2"	12	D21	6'-10"	1
D1	11'-11 1/2"	1	D22	6'-10 1/2"	26
D2	12'-4 1/2"	1	D23	7'-8 1/2"	18
D3	12'-7 1/2"	6	D24	6'-9 1/2"	1
D4	11'-5 1/2"	1	D25	6'-10 1/2"	1
D5	11'-5 1/2"	1	D26	6'-10 1/2"	1
D6	13'-9 3/4"	1	D27	6'-11"	1
D7	13'-9 3/4"	1	D28	6'-11 1/4"	1
D8	6'-10 1/4"	24	D29	6'-11 1/4"	1
D9	7'-5 1/2"	12	D30	7'-9 1/2"	1
D10	6'-9 3/4"	1	D31	7'-10"	1
D11	6'-9 3/4"	1	D32	7'-9 1/2"	1
D12	6'-10 1/4"	1	D33	7'-9 1/2"	1
D13	6'-11 1/2"	1	D34	7'-7 1/2"	1
D14	8'-1 1/4"	1	D35	7'-7"	1
D15	8'-0 1/4"	1	D36	7'-4 1/2"	1
D16	8'-0 3/8"	1	D37	7'-3 1/2"	1
D17	7'-11 1/2"	1	D38	7'-11 1/2"	1
D18	7'-0 1/2"	1	D39	7'-11 1/2"	1
D19	7'-5 1/4"	1	D40	7'-11 1/2"	1
D20	6'-11 1/4"	1	D41	7'-0 3/4"	1

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
FURNISHING & ERECTING STRUCTURAL STEEL	POUND	549090
STUD SHEAR CONNECTORS	EACH	5112

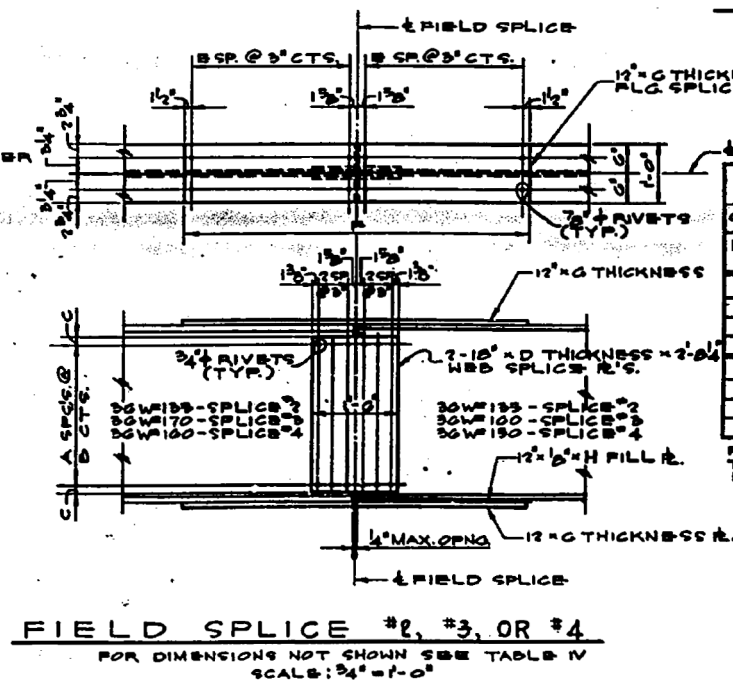
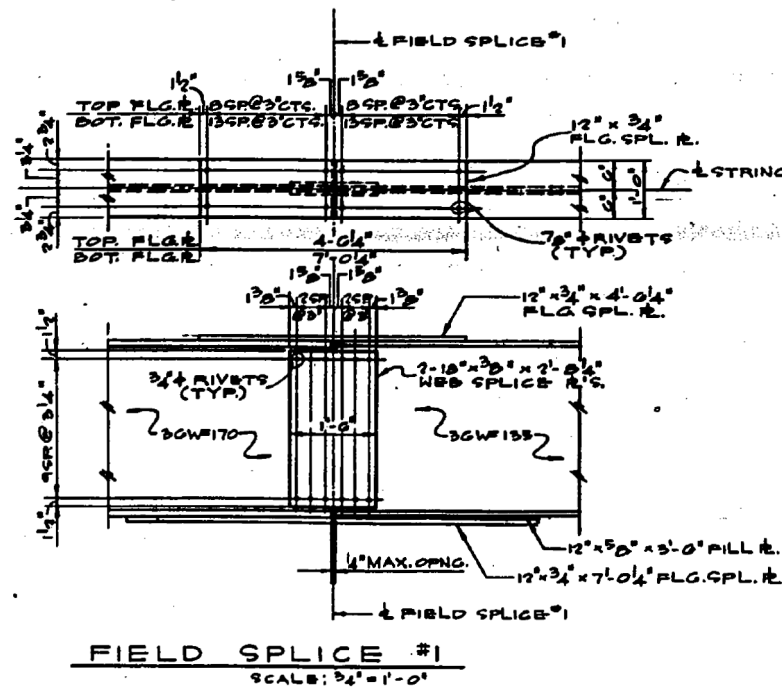
FRAMING PLAN
F.A.I. 74 - SECTION 81-HB-2
F.A.I. 74 OVER SOUTH BOUND FRONTAGE RD.
ROCK ISLAND COUNTY
STATION 353+99.95
SCALE: AS NOTED
DATE: 3/23/2017



TOP OF W ELEVATIONS							
BEAM	P.T.	±BRCG. N.E. ABUT. N.H. ABUT.	±PIER 1 OR 3	±SPICE 1 OR 3	±SPICE 2 OR 4	±PIER 2 OR 4	±BRCG. S.E. ABUT. S.H. ABUT.
DUB SUB ELEV	B1	672.927	672.907	672.439	672.130	672.063	671.710
	B2	673.116	672.646	672.608	672.319	672.251	671.898
	B3	673.295	672.874	672.806	672.497	672.429	672.076
	B4	673.474	673.053	672.886	672.076	672.008	672.355
	B5	673.654	673.234	673.166	672.897	672.789	672.436
	B6	673.836	673.415	673.348	673.039	672.971	672.617
DUB SUB ELEV	B7	674.019	673.598	673.530	673.221	673.153	672.800
	B8	674.202	673.781	673.714	673.405	673.337	672.984
	B9	674.383	673.728	673.849	673.014	674.084	674.309
	B10	674.565	673.973	673.744	673.519	673.030	674.455
	B11	676.745	676.035	676.066	675.731	675.192	674.616
	B12	676.907	676.198	676.028	675.484	675.354	674.779
DUB SUB ELEV	B13	677.067	676.359	676.131	675.631	675.323	674.993
	B14	677.218	676.521	676.344	675.870	675.543	675.128



LOCATION	A	B	C	D	E	F	G	H
SPLICE #2	9	2 1/2"	1 1/2"	3 1/2"	5	4'-0 1/2"	3 1/2"	—
SPLICE #3	4	2 7/8"	1 3/4"	7 1/2"	10	5'-2 1/4"	15 1/2"	2'-9"
SPLICE #4	10	2 5/8"	1 3/4"	7'-0"	9	5'-0 1/4"	15"	2'-0"



PROPERTIES 3 SPAN CONTINUOUS INTERIOR BEAMS					
SPAN	1	2 & 3	4	5	6
BEAM NO.	61 THRU 67	68 THRU 69	610 THRU 613	610 THRU 613	610 THRU 613
STEEL SECTION			STEEL SECTION		
I _g	10470	7790	10470	9720	9012
S _{TY}	979	430	979	841	803
S _{BY}	979	430	979	841	803
COMPOSITE SECTION					
I _c	23187	18684	23197	22066	
S _{TY}	1717	1256	1736	1609	
S _{BY}	782	615	783	757	

FOR MEANING OF SYMBOLS USED IN TABLE OF PROPERTIES, SEE LEGEND, DNG. 9-41.

5 ft.

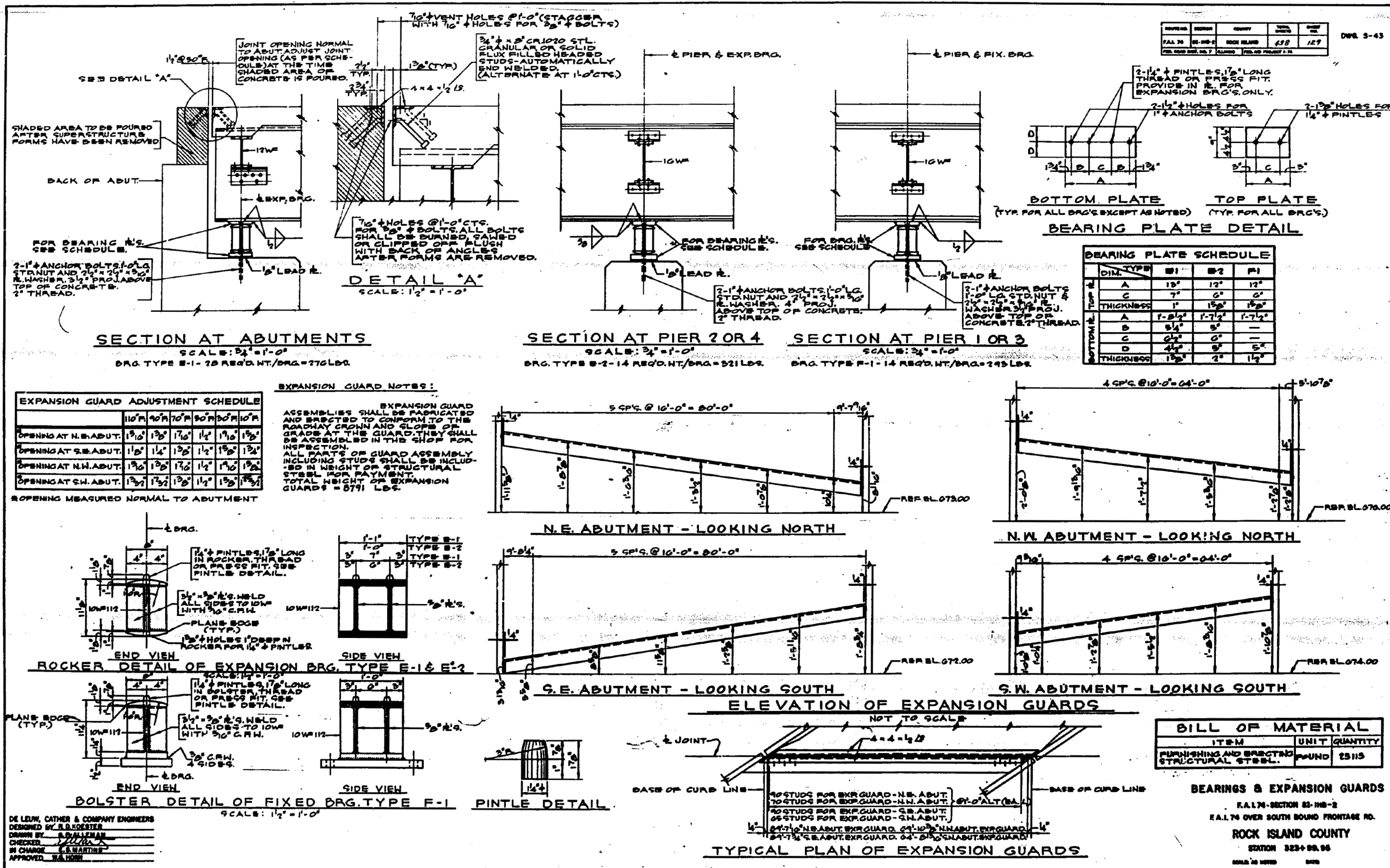
STEEL DETAILS

F.A.174-SECTION 81-1HD-2

E.A.174 OVER SOUTH BOUND FRONTAGE RD.

ROCK ISLAND COUNTY

STATION 323+99.95



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

FILE NAME : 081-0184-0185-Existing-Plan--Bearings-and-Expansion-Guards.dgn	USER NAME : ksnider	DESIGNED : DTS	REVISED :
MODEL : Default	PLOT SCALE : 1/8" = 1'-0"	CHECKED : AJK	REVISED :
	PLOT DATE : 3/23/2017	DRAWN : DTS	REVISED :
		CHECKED : AJK	REVISED :

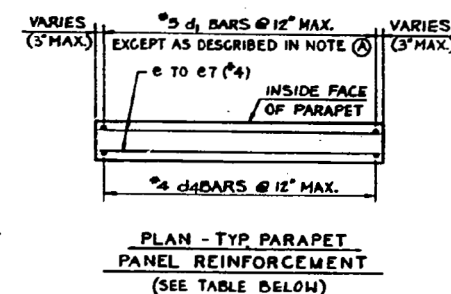
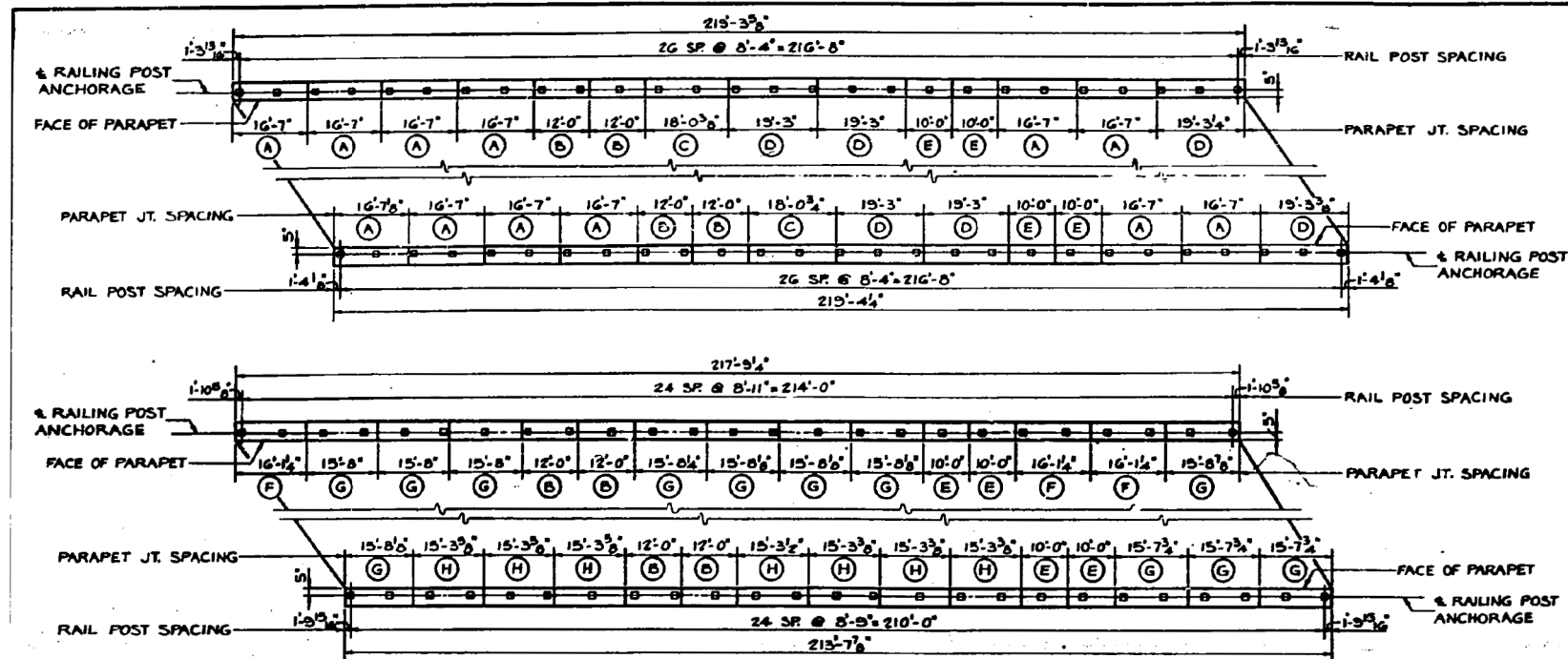
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - BEARINGS AND EXPANSION GUARDS
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

SHEET NO. SX14 OF SX15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 & 81-1(HBR, HBR-1, HBR-2)	ROCK ISLAND	2042	948
			CONTRACT NO. 64E26	

ILLINOIS FED. AID PROJECT



ROUTE NO.	COUNTRY	THRU DATE	THRU TIME
F.A.L. 76	ROCK ISLAND	438	130

BAR	NO.	SIZE	LENGTH	SHAPE
e	48	3/4	16'-3"	—
e ₁	32	3/4	11'-8"	—
e ₂	8	3/4	17'-6"	—
e ₃	24	3/4	16'-11"	—
e ₄	32	3/4	9'-8"	—
e ₅	12	3/4	15'-9"	—
e ₆	48	3/4	15'-4"	—
e ₇	28	3/4	5'-0"	—

NOTE (A)
ON ADJACENT SIDE OF END PANELS,
SUBSTITUTE 3-#5d3 STRAIGHT BARS
FOR THE FIRST 3-#5d1 BARS SHOWN
ON TYR PANEL REINFORCEMENT.
THIS IS REQUIRED BY CURB
TERMINATION DETAIL.

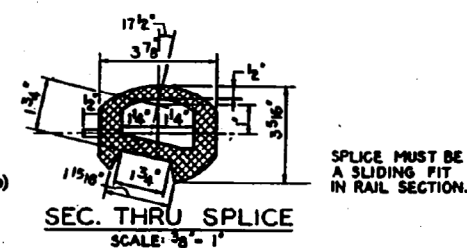
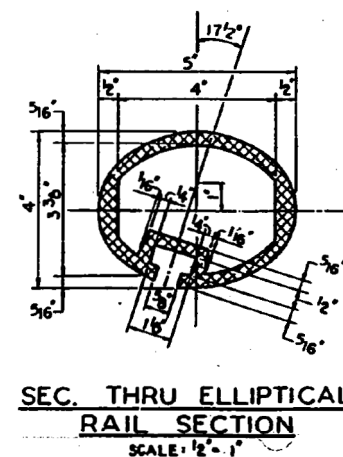
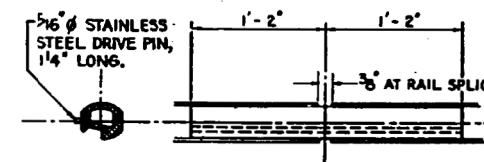
NOTES:

ALL ALUMINUM ALLOY EXTRUDED RAIL SHALL BE SUPPLIED IN MODULAR LENGTHS OF 30 FEET, EXCEPT AT THE END OF BRIDGE OR OVER OPEN JOINTS IN BRIDGE DECK WHERE THE RAIL SHALL BE ATTACHED TO A MINIMUM OF 2 POSTS. IF THE RAIL IS ON A HORIZONTAL CURVE OF 2,300 FOOT RADII OR LESS, THE MODULAR LENGTHS MAY BE REDUCED BUT SHALL BE ATTACHED TO A MINIMUM OF 2 POSTS.

ALL JOINTS IN RAIL SHALL BE SPLICED PER
DETAIL.

PROVIDE 1 - 1/8" AND 2 - 1/16" ALUMINUM SHIMS FOR 25 PERCENT OF THE POSTS. RAIL ELEMENT SHALL BE PARALLEL TO GRADE; HIGH SPOTS SHALL BE GROUND AND LOW SPOTS SHIMMED.

SEAL PERIMETER OF BASE OF POST TO PARAPET WITH TWO COMPONENT NON-STAINING GRAY SEALING COMPOUND WITH POLYSULFIDE LIQUID POLYMERS, SUN GRADE WITH PRIMER. FABRIC BEARING PAD SHALL BE SAME DIMENSIONS AS BASE OF POST.



BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU. YDS.	32.2
REINFORCEMENT BARS	POUND	2,270
ALUMINUM RAILING	LINE FT.	870

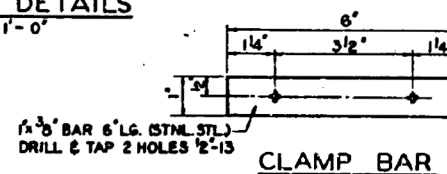
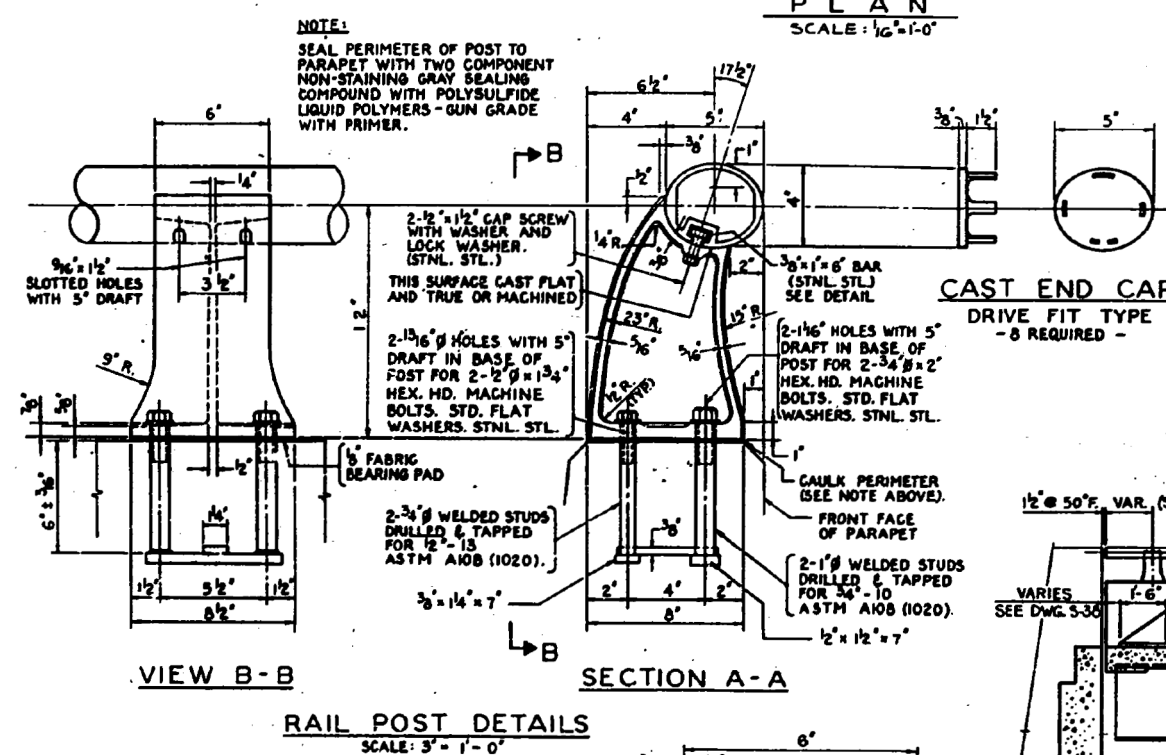
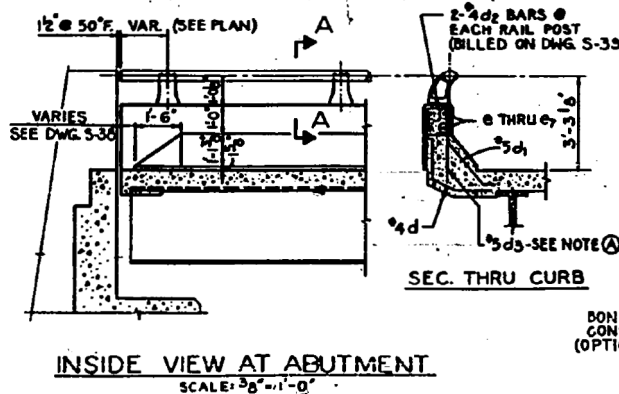
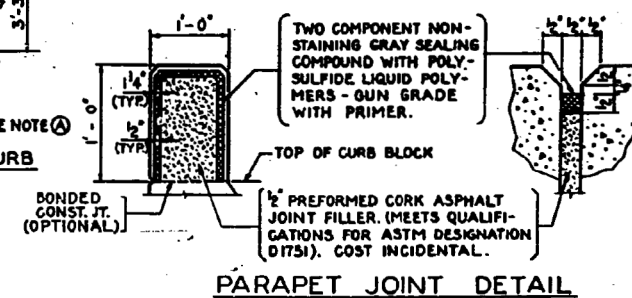
PARAPET & RAILING DETAILS

F.A. 174-SECTION 21-140-2
F.A. 174 OVER SOUTH BOUND FRONTAGE RD

ROCK ISLAND COUNTY

STATION 323+99.90

SCALE: 1000000



DE LEUW, CATHER & COMPANY ENGINEERS
DESIGNED BY R.S. MOORAMAN
DRAWN BY M. WADSWORTH & R.S.G.
CHECKED A. K. K.
IN CHARGE R.S. MARTINE
APPROVED W.A. HORN

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064.02

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN - PARAPET AND RAILING DETAILS
S.N.'s 081-0184 (W.B.) & 081-0185 (E.B.)

SHEET NO. SX15 OF SX15 SHEETS

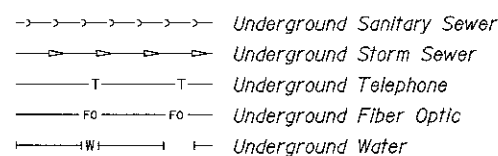
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R-1 &	ROCK ISLAND	2042	949
	81-1(HBR, HBR-1, HBR-2)	CONTRACT NO. 64E26		
	ILLINOIS FED. AID PROJECT			

Benchmark No. 586:
Cut "X" on Northerly Bolt of Existing Ramp 7th-A Pier Foundation
Elevation NAVD 88 = 614.214

Existing Structures:

The existing structures were built in 1973 as F.A.I. Route 74, S.N. 081-0099 (SB I-74), S.N. 081-0100 (NB I-74) and S.N. 081-0115 (Ramp 7-S). The existing structures consist of 6 spans (S.N. 081-0099 and S.N. 081-0115) and 7 spans (S.N. 081-0100) of reinforced concrete deck on multiple steel plate girders. The existing structures are to be removed and replaced during the Stage 2 and Stage 3 Construction.
No salvage.

EXISTING UTILITY LEGEND



Note: Utilities in conflict are to be relocated or removed by others. (See Utility Plans)

APPROVED
For Structural Adequacy Only
[Signature]
Engineer of Bridges & Structures

BEARING ARRANGEMENT					
Structure	N. Abut.	Pier 1	Pier 2	Pier 3	S. Abut.
Westbound	Exp.	---	Exp.	Fixed	Exp.
Eastbound	Exp.	Fixed	Exp.	---	Exp.

DRAINAGE SCUPPER STATIONS			
S.N. 081-0179 (WB)		S.N. 081-0180 (EB)	
INSIDE	OUTSIDE	INSIDE	OUTSIDE
N/A	58+42.34	58+32.84	57+08.84
---	58+64.34	58+57.84	57+18.84
---	59+56.84	59+51.84	---
---	59+76.84	59+81.84	---

DESIGN SPECIFICATIONS

2012 AASHTO LRFD
Bridge Design Specifications,
6th Edition

DESIGN STRESSES

FIELD UNITS

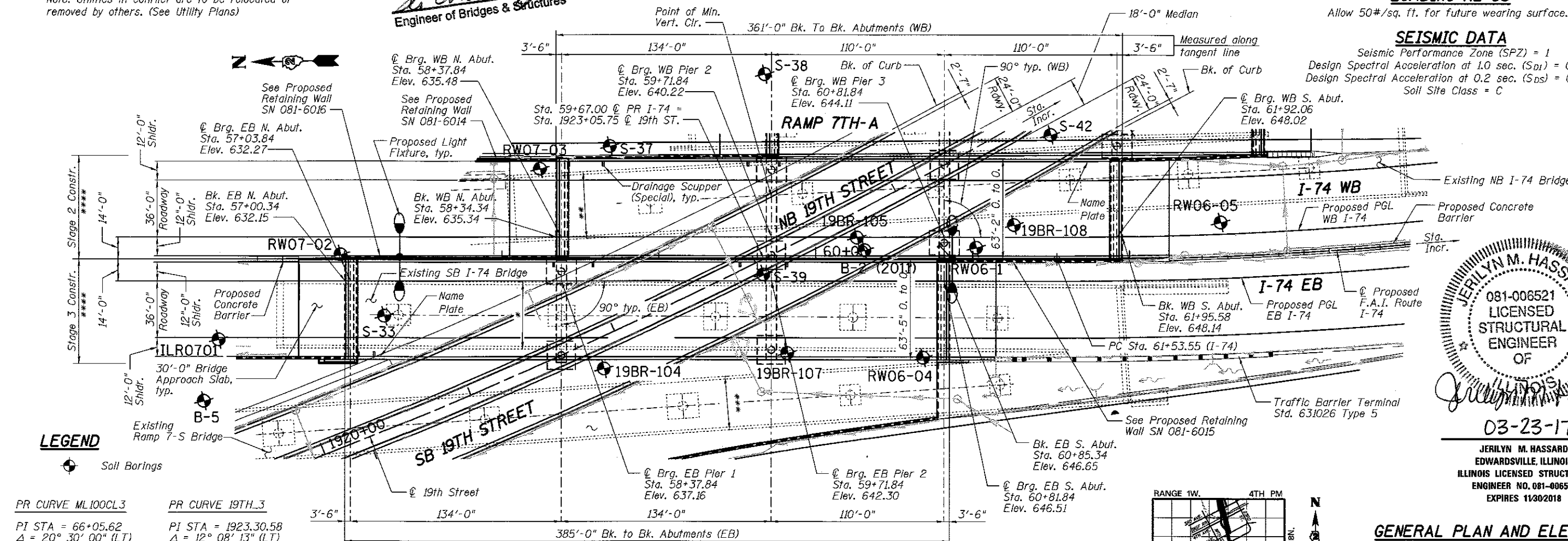
$f'_c = 3,500$ psi (Superstructure and Abutments)
 $f'_c = 6,000$ psi (Piers)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)
 $f_y = 36,000$ psi (M270 Grade 36)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.061g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.095g
Soil Site Class = C



LEGEND

Soil Borings

PR CURVE ML100CL3

PI STA = 66+05.62
 $\Delta = 20^\circ 30' 00''$ (LT)
 $D = 2^\circ 17' 31''$
 $R = 2,500.00'$
 $T = 452.07'$
 $L = 894.48'$
 $E = 40.55'$
 $e = 4.9\%$
 $T.R. = N/A$
 $S.E. RUN = 422.89' (I)$
 $410.49' (O)$
PC STA = 61+53.55
PT STA = 70+48.03

PR CURVE 19TH_3

PI STA = 1923.30.58
 $\Delta = 12^\circ 08' 13''$ (LT)
 $D = 1^\circ 38' 13''$
 $R = 3,500.00'$
 $T = 372.09'$
 $L = 741.40'$
 $E = 19.72'$
 $e = N.C. (2.0\%)$
 $T.R. = N/A$
 $S.E. RUN = N/A$
PC STA = 1919+58.49
PT STA = 1926+99.89

Notes:

Stations and elevations are given at the Proposed WB and EB PGLs, except as noted.
See Electrical Plans for lighting and conduit details.
For superstructure transitions, see sheet 2 of 86.
See Roadway Plans for grading.
Temporary Wire Faced MSE Walls (TWMSE) required for stage construction shall remain in place. See SN 081-6015 and SN 081-6016 for TWMSE wall locations and details.

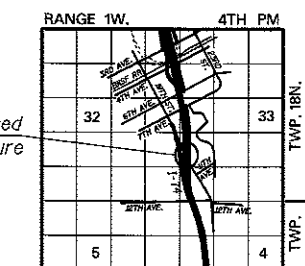
* Limits of Existing Bridge 081-0099 to be removed.

** Limits of Existing Bridge 081-0100 to be removed.

*** Limits of Existing Bridge 081-0115 to be removed.

**** See staging details for limits of Pier construction

PLAN



LOCATION SKETCH

GENERAL PLAN AND ELEVATION

I-74 OVER 19TH STREET

F.A.I. ROUTE 74 SEC. 81-1HBR

ROCK ISLAND COUNTY

STA. 59+67.00

STRUCTURE NO. 081-0179 (WB)

STRUCTURE NO. 081-0180 (EB)



USER NAME =	DESIGNED - JMH	REVISED
PLOT SCALE =	CHECKED - YSS	REVISED
PLOT DATE = 03/23/2017	DRAWN - PRC	REVISED
	CHECKED - JMH	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
I-74 OVER 19TH ST. - STRUCTURE NO. 081-0179 WB & 081-0180 EB

SHEET NO. 1 OF 86 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-1HBR	ROCK ISLAND	2042	950
CONTRACT NO. 64E26				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				