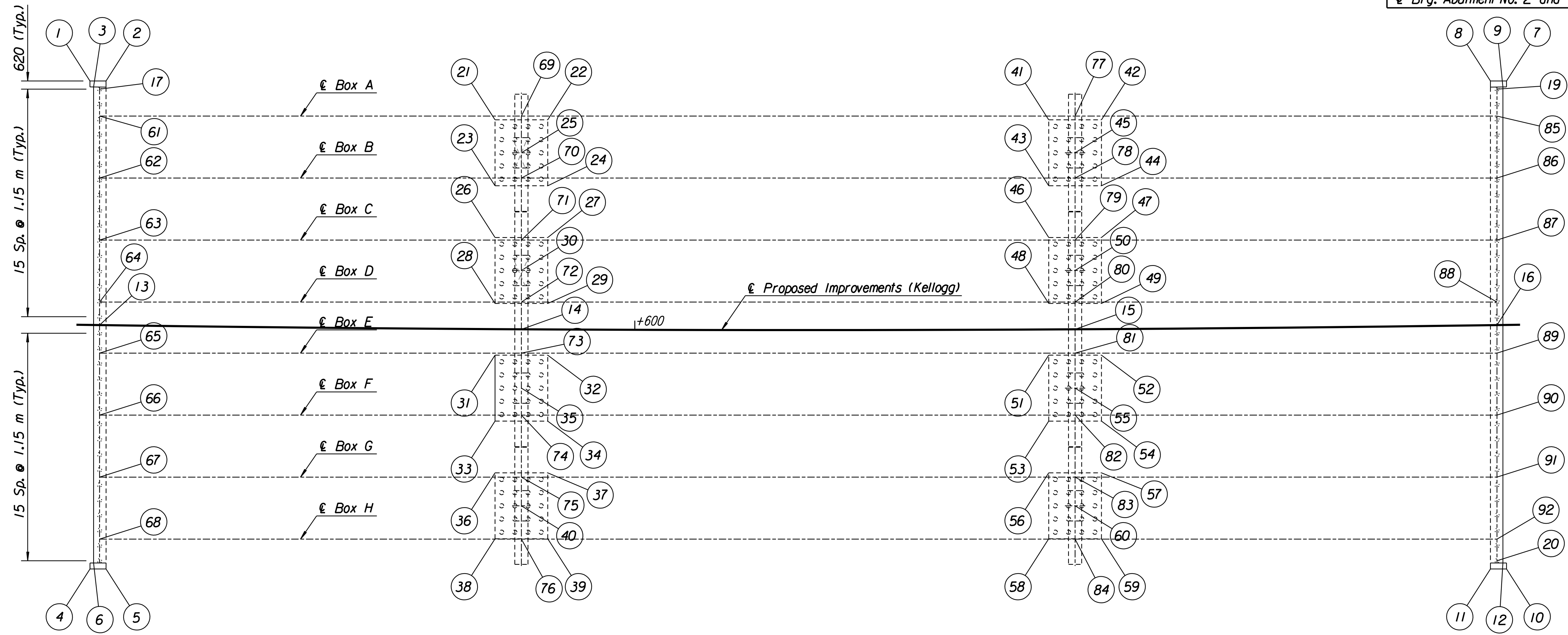


TABLE OF COORDINATES					
REFERENCE	POINT NO.	NORTH COORDINATE	EAST COORDINATE	STATION	OFFSET
Abut. No. 1 NW Abut. Corner	1	511 394.665	491 556.837	15+558.400	18.495 Lt.
Abut. No. 1 NE Abut. Corner	2	511 394.893	491 558.036	15+559.627	18.513 Lt.
Abut. No. 1 W Abut. Corner	3	511 394.270	491 557.193	15+558.684	18.045 Lt.
Abut. No. 1 SW Abut. Corner	4	511 358.320	491 563.737	15+558.938	18.495 Rt.
Abut. No. 1 SE Abut. Corner	5	511 358.548	491 564.936	15+560.152	18.478 Rt.
Abut. No. 1 W Abut. Corner	6	511 378.814	491 563.923	15+559.205	18.041 Rt.
Abut. No. 2 NE Abut. Corner	7	511 414.704	491 662.403	15+666.395	18.495 Lt.
Abut. No. 2 NW Abut. Corner	8	511 414.476	491 661.204	15+665.168	18.513 Lt.
Abut. No. 2 E Abut. Corner	9	511 414.206	491 662.217	15+666.111	18.045 Lt.
Abut. No. 2 SE Abut. Corner	10	511 378.359	491 669.302	15+665.857	18.495 Rt.
Abut. No. 2 SW Abut. Corner	11	511 378.131	491 668.103	15+664.643	18.477 Rt.
Abut. No. 2 E Abut. Corner	12	511 378.750	491 668.946	15+665.590	18.041 Rt.
€ Brg. Abut. No. 1 € Project	13	511 376.618	491 561.002	15+559.396	0.000 Lt./Rt.
€ Pier No. 1 € Project	14	511 382.271	491 592.500	15+591.397	0.000 Lt./Rt.
€ Pier No. 2 € Project	15	511 390.104	491 633.763	15+633.398	0.000 Lt./Rt.
€ Brg. Abut. No. 2 € Project	16	511 396.386	491 665.142	15+665.399	0.000 Lt./Rt.
€ Brg. Abut. No. 1 Northern Most Pile	17	511 394.191	491 557.666	15+559.138	17.886 Lt.
€ Brg. Abut. No. 1 Southern Most Pile	18	511 359.065	491 564.334	15+559.650	17.865 Rt.
€ Brg. Abut. No. 2 Northern Most Pile	19	511 413.960	491 661.806	15+665.657	17.886 Lt.
€ Brg. Abut. No. 2 Southern Most Pile	20	511 378.833	491 668.474	15+665.145	17.864 Rt.
NW Corner N Ftg. WB Pier No.1	21	511 397.499	491 587.574	15+589.298	15.868 Lt.
NE Corner N Ftg. WB Pier No.1	22	511 398.245	491 591.503	15+593.315	15.891 Lt.
SW Corner N Ftg. WB Pier No.1	23	511 392.587	491 588.506	15+589.330	10.868 Lt.
SE Corner N Ftg. WB Pier No.1	24	511 393.333	491 592.436	15+593.341	10.891 Lt.
Center N Ftg. WB € Pier No.1	25	511 395.416	491 590.005	15+591.321	13.380 Lt.
NW Corner S Ftg. WB Pier No.1	26	511 388.736	491 589.237	15+589.354	6.948 Lt.
NE Corner S Ftg. WB Pier No.1	27	511 389.482	491 593.167	15+593.361	6.971 Lt.
SW Corner S Ftg. WB Pier No.1	28	511 383.823	491 590.170	15+589.385	1.948 Lt.
SE Corner S Ftg. WB Pier No.1	29	511 384.569	491 594.099	15+593.387	1.971 Lt.
Center S Ftg. WB € Pier No.1	30	511 386.653	491 591.668	15+591.372	4.460 Lt.

TABLE OF COORDINATES					
REFERENCE	POINT NO.	NORTH COORDINATE	EAST COORDINATE	STATION	OFFSET
NW Corner N Ftg. EB Pier No.1	31	511 379.972	491 590.901	15+589.410	1.972 Rt.
NE Corner N Ftg. EB Pier No.1	32	511 380.718	491 594.830	15+593.407	1.949 Rt.
SW Corner N Ftg. EB Pier No.1	33	511 375.060	491 591.833	15+589.441	6.972 Rt.
SE Corner N Ftg. EB Pier No.1	34	511 375.806	491 595.763	15+593.433	6.949 Rt.
Center N Ftg. EB € Pier No.1	35	511 377.889	491 593.332	15+591.423	4.460 Rt.
NW Corner S Ftg. EB Pier No.1	36	511 371.209	491 592.564	15+589.465	10.892 Rt.
NE Corner S Ftg. EB Pier No.1	37	511 371.955	491 596.494	15+593.453	10.869 Rt.
SW Corner S Ftg. EB Pier No.1	38	511 366.296	491 593.497	15+589.496	15.892 Rt.
SE Corner S Ftg. EB Pier No.1	39	511 367.042	491 597.426	15+593.479	15.869 Rt.
Center S Ftg. EB € Pier No.1	40	511 369.126	491 594.995	15+591.473	13.380 Rt.
NW Corner N Ftg. WB Pier No.2	41	511 405.332	491 628.837	15+631.480	15.891 Lt.
NE Corner N Ftg. WB Pier No.2	42	511 406.078	491 632.767	15+635.497	15.868 Lt.
SW Corner N Ftg. WB Pier No.2	43	511 400.420	491 629.769	15+631.454	10.891 Lt.
SE Corner N Ftg. WB Pier No.2	44	511 401.166	491 633.699	15+635.465	10.868 Lt.
Center N Ftg. WB € Pier No.2	45	511 403.249	491 631.268	15+663.474	13.380 Lt.
NW Corner S Ftg. WB Pier No.2	46	511 396.568	491 630.500	15+631.433	6.971 Lt.
NE Corner S Ftg. WB Pier No.2	47	511 397.314	491 634.430	15+635.441	6.948 Lt.
SW Corner S Ftg. WB Pier No.2	48	511 391.656	491 631.433	15+631.408	1.971 Lt.
SE Corner S Ftg. WB Pier No.2	49	511 392.402	491 635.363	15+635.410	1.948 Lt.
Center S Ftg. WB € Pier No.2	50	511 394.485	491 632.931	15+633.423	4.460 Lt.
NW Corner N Ftg. EB Pier No.2	51	511 387.805	491 632.164	15+631.388	1.949 Rt.
NE Corner N Ftg. EB Pier No.2	52	511 388.551	491 636.094	15+635.385	1.972 Rt.
SW Corner N Ftg. EB Pier No.2	53	511 382.893	491 633.096	15+631.362	6.949 Rt.
SE Corner N Ftg. EB Pier No.2	54	511 383.639	491 637.026	15+635.354	6.972 Rt.
Center N Ftg. EB € Pier No.2	55	511 385.722	491 634.595	15+633.372	4.460 Rt.
NW Corner S Ftg. EB Pier No.2	56	511 379.041	491 633.827	15+631.342	10.869 Rt.
NE Corner S Ftg. EB Pier No.2	57	511 379.787	491 637.757	15+635.330	10.892 Rt.
SW Corner S Ftg. EB Pier No.2	58	511 374.129	491 634.760	15+631.316	15.869 Rt.
SE Corner S Ftg. EB Pier No.2	59	511 374.875	491 638.690	15+635.299	15.892 Rt.
Center S Ftg. EB € Pier No.2	60	511 376.958	491 636.259	15+633.322	13.380 Rt.

TABLE OF COORDINATES					
REFERENCE	POINT NO.	NORTH COORDINATE	EAST COORDINATE	STATION	OFFSET
€ Brg. Abutment No. 1 and € Box A	61	511 392.185	491 558.047	15+559.168	15.843 Lt.
€ Brg. Abutment No. 1 and € Box B	62	511 387.567	491 558.923	15+559.235	11.144 Lt.
€ Brg. Abutment No. 1 and € Box C	63	511 382.949	491 559.800	15+559.303	6.444 Lt.
€ Brg. Abutment No. 1 and € Box D	64	511 378.332	491 560.676	15+559.371	1.745 Lt.
€ Brg. Abutment No. 1 and € Box E	65	511 374.530	491 561.398	15+559.426	2.125 Rt.
€ Brg. Abutment No. 1 and € Box F	66	511 369.912	491 562.275	15+559.493	6.824 Rt.
€ Brg. Abutment No. 1 and € Box G	67	511 365.295	491 563.151	15+559.560	11.524 Rt.
€ Brg. Abutment No. 1 and € Box H	68	511 360.677	491 564.028	15+559.627	16.223 Rt.
€ Pier No. 1 and € Box A	69	511 398.152	491 589.486	15+591.305	16.165 Lt.
€ Pier No. 1 and € Box B	70	511 393.535	491 590.362	15+591.332	11.465 Lt.
€ Pier No. 1 and € Box C	71	511 388.917	491 591.239	15+591.359	6.765 Lt.
€ Pier No. 1 and € Box D	72	511 384.300	491 592.115	15+591.386	2.065 Lt.
€ Pier No. 1 and € Box E	73	511 380.498	491 592.837	15+591.408	1.805 Rt.
€ Pier No. 1 and € Box F	74	511 375.880	491 593.713	15+591.434	6.505 Rt.
€ Pier No. 1 and € Box G	75	511 371.262	491 594.590	15+591.461	11.205 Rt.
€ Pier No. 1 and € Box H	76	511 366.645	491 595.466	15+591.487	15.905 Rt.
€ Pier No. 2 and € Box A	77	511 405.985	491 630.749	15+633.490	16.165 Lt.
€ Pier No. 2 and € Box B	78	511 401.367	491 631.625	15+633.463	11.465 Lt.
€ Pier No. 2 and € Box C	79	511 396.750	491 632.502	15+633.436	6.765 Lt.
€ Pier No. 2 and € Box D	80	511 392.132	491 633.378	15+633.410	2.065 Lt.
€ Pier No. 2 and € Box E	81	511 388.330	491 634.100	15+633.388	1.805 Rt.
€ Pier No. 2 and € Box F	82	511 383.713	491 634.977	15+633.361	6.505 Rt.
€ Pier No. 2 and € Box G	83	511 379.095	491 635.853	15+633.334	11.205 Rt.
€ Pier No. 2 and € Box H	84	511 374.478	491 636.730	15+633.308	15.905 Rt.
€ Brg. Abutment No. 2 and € Box A	85	511 411.953	491 662.187	15+665.627	15.843 Lt.
€ Brg. Abutment No. 2 and € Box B	86	511 407.335	491 663.064	15+665.559	11.144 Lt.
€ Brg. Abutment No. 2 and € Box C	87	511 402.718	491 663.940	15+665.492	6.444 Lt.
€ Brg. Abutment No. 2 and € Box D	88	511 398.100	491 664.817	15+665.424	1.745 Lt.
€ Brg. Abutment No. 2 and € Box E	89	511 394.298	491 665.538	15+665.369	2.125 Rt.
€ Brg. Abutment No. 2 and € Box F	90	511 389.681	491 666.415	15+665.302	6.824 Rt.
€ Brg. Abutment No. 2 and € Box G	91	511 385.063	491 667.291	15+665.235	11.524 Rt.
€ Brg. Abutment No. 2 and € Box H	92	511 380.445	491 668.168	15+665.168	16.223 Rt.



Note: Piers and abutments are parallel to a line that is perpendicular to the local tangent at € Project Sta. 15+612.397. Box Girders are placed on chords from Abutment to Abutment. Deck and rails are to be built on curve.

Revisions		By	Date
No.			
CITY OF WICHITA BR. NO. 54-87-19.05 (489) W.B. STA. 15+612.397 BR. NO. 54-87-19.06 (491) E.B. STA. 15+612.397			
COORDINATE LAYOUT SUBSTRUCTURE KELLOGG (US-54) / MAIZE RD. SEDGWICK COUNTY			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	RAS	Checked by	
Drawn by	DRP	Date	April, 2002
		Job No.	97362

RECORD DRAWING