

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472 84614	:	219	534

GUARDRAIL - STEEL PLATE							
STATION to STATION	SIDE	LIN. FT.	ALT. #1 SRT TERM.	ALT. #2 FLEAT TERM.	TYPE II TERM.*	FLARE RATE	REMARKS
<i>Mainline</i>							
636+12.94	639+49.99	Rt.	293.75	/	/	/	30:1
TOTALS			293.75	/	/	/	

* Type II End Terminal included in pay length for bid item "Guardrail, Steel Plate"

FENCE			
STATION to STATION	SIDE	BLACK CHAIN LINK LIN. FT.	
<i>Mainline</i>			
626+46.40	637+13.26	Rt.	1,067.7
648+99.86	659+05.67	Lt.	1,047.8
<i>South Frontage Road</i>			
1642+21.20	1657+35.00	Lt.	1,521.0
<i>Ramp O</i>			
20634+58.86	20648+96.89	Lt.	1,267.6
TOTALS			4,904.1

CONCRETE SAFETY BARRIER						
STATION to STATION	SIDE	LINEAR FEET				
		TYPE I	TYPE II (SPEC.)	TYPE II (SPEC.) (54")	TYPE IV (SPEC.)	
<i>Mainline</i>						
631+00.00	638+00.00	€				700.0
631+00.00	659+20.82	Lt.		2,820.8		
631+00.00	659+23.02	Lt.		2,823.0		
637+66.55	646+31.96	Lt.		865.5		
638+00.00	639+70.00	Lt.			170.0	
638+00.00	639+70.00	Rt.			170.0	
639+70.00	659+39.92	€				1,969.9
653+72.33	659+61.34	Rt.		592.9		
660+50.97	668+80.32	Lt.		830.5		
660+66.20	663+91.12	Lt.		323.3		
660+72.56	663+91.06	Lt.		317.8		
660+91.05	678+27.63	€				1,736.6
661+11.80	678+27.63	Rt.		1,713.7		
668+29.65	668+81.16	Lt.	51.8			
668+81.16	678+27.63	Lt.		948.4		
682+00.63	691+24.01	Rt.		923.4		
682+00.63	719+44.89	€				3,744.3
682+00.63	690+92.58	Lt.		892.2		
690+87.72	712+33.00	Lt.		2,147.4		
692+61.04	714+77.21	Rt.		2,217.3		
713+95.39	719+67.19	Lt.		571.8		
715+63.98	719+22.60	Rt.		358.7		
720+94.79	727+18.26	Rt.		623.9		
721+17.08	727+18.26	€				601.2
721+39.38	727+18.26	Lt.		578.4		
734+58.26	743+30.93	Lt.		872.7		
734+58.26	747+97.54	€				1,339.3
734+58.26	743+97.94	Rt.		939.7		
744+15.84	747+97.54	Lt.		382.5		
744+99.47	748+20.00	Rt.		321.5		
<i>Ramp S/South Frontage Road</i>						
10653+61.47	1662+85.67	Lt.		600.7		
TOTALS			51.8	22,666.1	340.0	10,091.3

RETAINING WALL (MSE)				
WALL	STATION to STATION	SQUARE FEET		
		RETAINING WALL	CONC. MASONARY COATING	
<i>Mainline</i>				
B	660+80.40, 62.54' Lt. 661+05.43, 70.54' Rt.	1,247		820
C	670+34.04, 84.29' Lt. 678+34.13, 82.54' Lt.	12,779		10,715
D	661+05.43, 70.54' Rt. 678+34.13, 62.54' Rt.	36,181		32,540
E	678+34.13, 82.54' Lt. 678+34.13, 62.54' Rt.	3,331		2,551
F	681+94.13, 82.54' Lt. 681+94.13, 62.54' Rt.	2,960		2,433
G	681+94.13, 82.54' Lt. 690+92.54, 77.81' Lt.	11,036		8,426
H	681+94.13, 62.54' Rt. 691+24.01, 62.54' Rt.	17,985		15,489
L	721+54.14, 62.54' Lt. 727+24.76, 62.54' Lt.	6,787		4,808
M	721+10.14, 62.54' Rt. 727+24.76, 62.54' Rt.	7,423		5,520
N	727+24.76, 62.54' Lt. 727+24.76, 62.54' Rt.	2,122		1,868
P	734+51.76, 62.54' Lt. 734+51.76, 62.54' Rt.	2,346		2,019
Q	734+51.76, 62.54' Lt. 743+30.89, 65.60' Lt.	13,555		11,283
R	734+51.76, 62.54' Rt. 743+97.94, 62.54' Rt.	15,624		13,352
TOTALS		133,376		111,824

GUARDRAIL - REMOVAL OF STEEL PLATE			
STATION to STATION	SIDE	LIN. FT.	REMARKS
<i>Mainline</i>			
637+70	639+59	Rt.	189.29
637+93	639+78	Lt. & Rt.	380.25
638+16	640+06	Lt.	190.80
658+25	659+55	Rt.	131.20
658+78	659+56	Rt.	160.13
660+58	661+36	Rt.	160.42
660+60	661+73	Lt.	113.10
667+58	669+62	Rt.	203.24
668+97	670+36	Lt.	145.21
718+53	719+66	Rt.	114.16
718+86	719+66	Lt. & Rt.	165.47
720+89	721+68	Lt. & Rt.	163.47
720+89	721+77	Lt.	89.26
726+93	727+93	Rt.	101.48
727+15	727+94	Lt. & Rt.	163.72
729+06	729+85	Lt. & Rt.	163.66
729+06	730+19	Lt.	113.57
744+59	746+74	Rt.	220.16
746+78	748+67	Lt.	189.94
<i>Ramp O</i>			
20634+33	20635+66	Lt. & Rt.	133.92
TOTAL			3,292.45

IMPACT ATTENUATOR					
STATION	SIDE	HAZARD TYPE		NO. OF UNITS	REMARKS
		NARROW	WIDE		
<i>Mainline</i>					
646+31.96	Lt.	/			
663+91.06	Lt.	/			
690+92.58	Lt.	/			
715+63.98	Rt.	/			
743+30.93	Lt.	/			
747+97.54	Lt.	/			
747+97.54	€	/			
<i>Ramp R</i>					
10653+68.46	Rt.		/		
<i>Ramp V</i>					
10692+61.54	Rt.	/			
<i>Ramp W</i>					
20712+30.79	Lt.	/			
<i>Ramp Z</i>					
10744+98.04	Rt.	/			
TOTALS		10	1		

RETAINING WALL (SOIL NAIL)			
WALL	STATION to STATION	SQUARE FEET	
		RETAINING WALL	CONC. MASONARY COATING
<i>Mainline</i>			
A	637+66.55, 109.29' Lt. 639+86.55, 109.29' Lt.	4,085	2,838
TOTALS		4,085	2,838

RETAINING WALL (T-TYPE)		
WALL	STATION to STATION	LIN. FT.
<i>South Frontage Road</i>		
J	1685+45.82, 41.50' Rt. 1695+95.82, 41.50' Rt.	1,050
TOTALS		1,050

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)		
STATION	SIDE	REMARKS
<i>Mainline</i>		
635+98	Rt.	Ditch Inlet & 15' x 74' CMP
645+98	Rt.	Ditch Inlet & 15' x 60' CMP
653+12	Rt.	Ditch Inlet & 18' x 94' CMP
658+38	Rt.	Ditch Inlet & 18' x 129' CMP
660+07.05	€	1-42' Roadway & 1-52' Roadway: Haunched Slab Bridges
665+98	Rt.	Ditch Inlet & 15' x 62' CMP
669+30	€	8' x 4' x 114' RCB
673+02	Rt.	Ditch Inlet & 15' x 65' CMP
687+50	€	4' x 4' x 134' RCB
687+50	Lt.	36' x 175' RCP
693+34	Lt.	24' x 47' CMP
693+35	Rt.	24' x 67' CMP
693+67	€	15' x 122' CMP
703+09	Rt.	Ditch Inlet & 15' x 61' CMP
705+92	Rt.	Ditch Inlet & 12' x 66' CMP
706+46	Lt.	24' x 82' RCP
706+56	Rt.	24' x 69' CMP
712+01	Rt.	Ditch Inlet & 15' x 61' CMP
718+52	Rt.	Ditch Inlet & 18' x 76' CMP
720+27.50	€	2 - 41' Roadways: Haunched Slab Bridges
724+53	Rt.	Ditch Inlet & 18' x 61' CMP
728+49.72	€	2 - 41' Roadway Bridges
730+03	Rt.	Ditch Inlet & 18' x 69' CMP
739+09	Lt.	24' x 53' CMP
742+04	Rt.	Ditch Inlet & 18' x 61' CMP
744+58	Lt.	36' x 108' RCP
746+75	€	14' x 8' x 157' RCB
749+22	Rt.	24' x 47' CMP
<i>Ramp P</i>		
10643+72	€	15' x 78' RCP
<i>Ramp O</i>		
20644+65	Rt.	24' x 150' RCP
<i>Ramp R</i>		
10651+20	Lt.	2 - 15' x 77' RCP
<i>143rd Street</i>		
56+28.12	€	3 - 9' x 6' RCB

CONCRETE (4" (PL))			
STATION to STATION	SIDE	SO. YDS.	
<i>Mainline</i>			
631+00.00	663+30.37	Lt.	1,540.2
638+02.52	639+67.46	€	62.4
TOTAL			1,602.6

CITY OF WICHITA

SUMMARY OF QUANTITIES