

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0189-01	2000	102	105

21ST STREET NORTH

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
9+800	4.103	0.000				
9+820	6.605	1.721	107.074	17.207	107.074	17.207
9+840	6.608	2.199	132.131	39.193	239.206	56.400
9+860	6.539	2.463	131.473	46.612	370.679	103.012
9+880	6.532	2.779	130.710	52.413	501.389	155.426
9+900	6.789	2.402	133.214	51.812	634.603	207.238
9+920	5.727	2.428	125.159	48.303	759.762	255.541
9+940	5.204	2.029	109.303	44.566	869.065	300.107
9+960	5.016	1.176	102.194	32.052	971.259	332.159
9+972.345	3.783	1.060	54.308	13.803	1025.567	345.962
9+989.568	8.983	2.908	109.928	34.167	1135.496	380.129
10+000	3.619	1.193	65.729	21.388	1201.225	401.517
10+008.497	1.524	2.512	21.848	15.740	1223.072	417.257
10+025.230	10.136	0.150	97.553	22.275	1320.625	439.533
10+040	4.762	2.959	110.027	22.963	1430.652	462.495
10+060	7.135	2.885	118.978	58.444	1549.631	520.939
10+080	10.206	2.287	173.415	51.724	1723.045	572.663
10+089.998	12.082	1.627	111.419	19.565	1834.464	592.228
10+100	12.891	1.932	124.890	17.798	1959.354	610.026
10+120	13.801	2.077	266.919	40.098	2226.273	650.124
10+139.998	14.192	2.888	279.900	49.651	2506.173	699.776
10+152.226	19.963	0.107	208.824	18.313	2714.997	718.088
10+157.236	19.540	0.107	98.955	0.535	2813.952	718.623
10+161.199	19.073	0.083	76.511	0.375	2890.463	718.998
10+170.214	14.088	1.714	149.474	8.101	3039.937	727.099
10+180	17.265	1.453	153.412	15.501	3193.349	742.600
10+200	24.738	0.410	420.030	18.637	3613.379	761.237
10+220	25.442	0.432	501.803	8.424	4115.182	769.660
10+240	26.260	0.636	517.021	10.685	4632.203	780.345
10+260	26.184	0.702	524.436	13.388	5156.639	793.733
10+280	28.775	0.829	549.584	15.312	5706.223	809.045
10+300	30.408	0.324	591.829	11.530	6298.052	820.575
10+320	21.018	1.229	514.261	15.533	6812.313	836.108
10+327.833	15.376	2.636	142.536	15.138	6954.848	851.246
10+336.977	21.850	0.000	170.196	12.053	7125.045	863.299
10+346.062	28.147	0.000	227.109	0.000	7352.154	863.299
10+355.276	22.546	1.365	233.541	6.290	7585.695	869.589
10+364.420	0.873	7.364	107.070	39.909	7692.765	909.498
10+380	9.685	9.244	82.243	129.371	7775.008	1038.869
10+400	7.641	19.727	173.261	289.707	7948.268	1328.576
10+410	7.884	28.629	77.628	241.781	8025.896	1570.357
10+420	12.735	10.789	103.096	197.091	8128.992	1767.448
10+440	14.161	6.842	268.955	176.310	8397.947	1943.758
10+459.209	18.441	3.134	313.127	95.818	8711.074	2039.576
10+468.198	29.352	0.000	214.808	14.087	8925.883	2053.663
10+471.720	29.741	0.000	104.064	0.000	9029.946	2053.663
10+477.088	30.422	0.000	161.478	0.000	9191.425	2053.663
10+486.071	22.466	1.821	237.548	8.177	9428.972	2061.839
10+500	21.439	0.885	305.780	18.845	9734.753	2080.684
10+520	18.780	1.464	402.199	23.493	10136.951	2104.178
10+540	16.201	3.003	349.812	44.671	10486.763	2148.848
10+560	14.356	3.798	305.566	68.012	10792.329	2216.861
10+580	12.728	4.797	270.840	85.956	11063.170	2302.816
10+600	11.736	6.493	244.641	112.904	11307.811	2415.721
10+620	12.941	7.466	246.766	139.596	11554.577	2555.316
10+624.818	12.751	7.934	61.890	37.101	11616.468	2592.417
10+633.834	13.066	3.574	116.384	51.882	11732.851	2644.299
10+643.127	11.357	4.194	113.482	36.096	11846.333	2680.395
10+652.420	9.662	4.570	97.661	40.722	11943.994	2721.117
10+661.411	8.124	26.546	79.957	139.880	12023.950	2860.998
10+680	11.241	10.009	179.988	339.752	12203.939	3200.750
10+700	15.270	3.897	265.107	139.053	12469.046	3339.803
			318.268	79.636	12787.314	3419.440

21ST STREET NORTH

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
10+700	15.270	3.897				
10+720	16.557	4.067	318.268	79.636	12787.314	3419.440
10+740	15.232	2.697	317.891	67.641	13105.205	3487.081
10+752.446	15.566	1.120	191.661	23.757	13296.865	3510.838
10+761.465	25.071	0.850	183.254	8.885	13480.120	3519.723
10+768.037	25.258	0.416	165.381	4.159	13645.500	3523.882
10+772.091	25.077	0.180	102.029	1.207	13747.530	3525.089
10+781.125	14.390	1.499	178.273	7.584	13925.803	3532.673
10+800	13.848	1.797	266.499	31.106	14192.302	3563.778
10+820	13.146	1.135	269.944	29.317	14462.246	3593.095
10+840	7.720	3.923	208.667	50.577	14670.913	3643.672
10+860	7.306	6.557	150.265	104.797	14821.178	3748.470
10+880	9.961	4.401	172.671	109.579	14993.849	3858.049
10+900	13.652	2.274	236.130	66.750	15229.979	3924.799
10+920	18.159	1.059	318.111	33.333	15548.090	3958.131
10+932.474	18.737	1.115	230.119	13.559	15778.209	3971.691
10+941.441	39.150	0.000	259.533	4.998	16037.741	3976.689
10+950.949	33.852	0.692	347.048	3.289	16384.789	3979.978
10+957.584	32.702	0.759	220.791	4.813	16605.580	3984.791
10+966.649	17.097	0.868	225.713	7.373	16831.293	3992.164
10+980	14.086	1.312	208.161	14.549	17039.454	4006.713
11+000	11.657	0.415	257.428	17.265	17296.882	4023.978
11+020	7.767	5.618	194.238	60.321	17491.120	4084.299
11+040	7.488	6.702	152.546	123.193	17643.666	4207.492
11+060	10.078	5.225	175.661	119.271	17819.327	4326.764
11+080	10.268	1.605	203.466	68.308	18022.793	4395.072
11+100	14.566	2.310	248.337	39.157	18271.130	4434.230
11+105.749	14.933	2.586	84.794	14.076	18355.924	4448.305
11+114.718	30.446	1.568	203.503	18.631	18559.427	4466.936
11+121.802	36.909	1.530	238.572	10.973	18797.999	4477.910
11+130.366	30.385	1.457	288.156	12.791	19086.155	4490.701
11+139.463	14.077	2.285	202.238	17.020	19288.393	4507.721
11+160	10.848	1.633	255.945	40.231	19544.338	4547.952
11+180	13.956	2.822	248.044	44.551	19792.382	4592.503
11+196.769	14.469	1.731	238.335	38.176	20030.717	4630.679
11+221.126	14.596	1.206	353.969	35.771	20384.686	4666.450
11+240	12.317	0.895	253.980	19.825	20638.666	4686.276
11+243.624	15.021	0.003	49.538	1.627	20688.203	4687.903
11+262.457	10.340	0.000	238.814	0.029	20927.017	4687.931
			0.000	0.000	20927.017	4687.931

119TH STREET

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
4+850.346	4.112	0.000				
4+867.399	6.353	0.466	89.224	3.974	89.224	3.974
4+887.399	2.437	1.109	87.897	15.750	177.121	19.724
4+900	4.472	1.614	43.529	17.158	220.650	36.882
4+917.399	5.301	1.566	85.018	27.665	305.668	64.547
4+940	2.510	4.034	88.269	63.281	393.937	127.829
4+960	1.045	7.627	35.547	116.611	429.484	244.440
4+969.080	1.267	5.902	10.496	61.421	439.980	305.861
			0.000	0.000	439.980	305.861

119TH STREET

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
5+028.554	4.741	1.272				
5+040	2.922	1.790	43.860	17.527	43.860	17.527
5+060	5.046	2.716	79.687	45.059	123.547	62.586
5+080	5.244	3.436	102.903	61.515	226.450	124.101
5+088.363	5.167	1.455	43.531	20.450	269.981	144.551
5+100	5.801	0.182	63.813	9.522	333.794	154.073
5+115	3.076	0.000	66.577	1.362	400.371	155.435
			0.000	0.000	400.371	155.435

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

QUANTITIES INCLUDE EXISTING PAVEMENT

21st Street North
EARTHWORK QUANTITIES

SRB 324 NORTH MAIN WICHITA, KANSAS 67203 www.srb.com 316-264-3008 FAX 264-4821 E-Mail: srb@srb.com

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER

DESIGN	TEB	DATE	July 8, 2001	UTILITY	
REVIEW	MWS	DATE		SRB JOB	1478T

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