

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
0+000	0.812	0.000				
0+020	0.000	149.021	8.122	1490.206	8.122	1490.206
0+040	0.000	250.995	0.000	4000.157	8.122	5490.362
0+060	0.000	269.425	0.000	5204.199	8.122	10694.562
0+080	0.000	266.197	0.000	5505.862	8.122	16200.424
0+100	0.000	244.730	0.000	5275.801	8.122	21476.225
0+120	0.000	231.084	0.000	4877.335	8.122	26353.560
0+140	0.000	172.511	0.000	4138.390	8.122	30491.951
0+160	0.000	100.223	0.000	2846.525	8.122	33338.475
0+180	24.863	34.118	248.626	1343.405	256.748	34681.881
0+200	68.962	9.614	938.251	437.319	1194.999	35119.199
0+220	62.574	1.377	1315.365	109.912	2510.365	35229.111
0+240	51.783	0.000	1143.566	13.773	3653.930	35242.884
0+260	34.270	0.000	860.528	0.004	4514.458	35242.888
0+280	24.220	0.690	584.906	6.902	5099.364	35249.790
0+300	20.460	0.008	446.807	6.975	5546.171	35256.765
0+320	25.364	0.000	458.246	0.077	6004.417	35256.843
0+340	28.458	0.000	538.228	0.003	6542.644	35256.846
0+360	26.810	0.003	552.687	0.029	7095.331	35256.875
0+380	22.515	0.417	493.251	4.197	7588.583	35261.072
0+400	24.280	13.576	467.953	139.932	8056.536	35401.004
0+420	30.461	11.442	547.417	250.177	8603.952	35651.182
0+440	35.587	18.330	660.482	297.713	9264.434	35948.895
0+460	37.967	0.000	735.537	183.295	9999.971	36132.190
0+480	33.773	8.580	717.401	85.805	10717.372	36217.995
0+500	47.088	0.000	808.609	85.805	11525.981	36303.800
0+520	34.737	0.000	818.245	0.000	12344.226	36303.800
0+540	26.595	0.313	613.323	3.132	12957.549	36306.932
0+560	18.491	0.042	450.860	3.549	13408.409	36310.481
0+580	27.673	0.000	461.634	0.417	13870.043	36310.898
0+600	33.201	0.000	608.740	0.000	14478.783	36310.898
0+620	28.449	0.000	616.498	0.000	15095.282	36310.898
0+640	22.661	0.000	511.097	0.000	15606.379	36310.898
0+660	15.407	1.073	380.686	10.732	15987.064	36321.630
0+680	5.641	4.394	210.487	54.672	16197.551	36376.302
0+700	3.915	6.530	95.561	109.241	16293.112	36485.543
0+720	0.070	13.156	39.853	196.860	16332.965	36682.403
0+740	3.770	26.298	38.406	394.534	16371.371	37076.937
0+760	15.626	30.788	193.959	570.855	16565.330	37647.792
0+780	24.374	19.060	400.000	498.480	16965.330	38146.272
0+800	25.406	18.929	473.631	406.498	17438.960	38552.769
			506.201	307.349	17945.162	38860.118

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	CUT	FILL	CUT	FILL	CUT	FILL
0+820	27.100	9.725				
0+840	22.499	4.539	483.698	152.546	18428.860	39012.664
0+860	11.997	3.396	339.399	84.560	18768.259	39097.223
0+880	5.134	4.214	169.436	79.723	18937.694	39176.947
0+900	4.846	6.101	98.638	106.495	19036.332	39283.442
0+920	0.138	10.140	48.440	167.356	19084.772	39450.798
0+940	2.288	6.887	23.543	174.852	19108.315	39625.650
0+960	7.115	4.953	92.872	120.920	19201.187	39746.570
0+980	16.836	0.571	237.651	57.473	19438.839	39804.043
1+000	22.890	0.024	395.061	5.856	19833.900	39809.899
1+020	27.060	0.000	499.100	0.229	20333.000	39810.128
1+040	33.400	0.000	605.225	0.000	20938.225	39810.128
1+060	40.077	0.000	735.082	0.000	21673.307	39810.128
1+080	41.145	0.000	812.216	0.000	22485.523	39810.128
1+100	34.908	0.000	760.530	0.000	23246.052	39810.128
1+120	30.452	0.000	653.602	0.000	23899.654	39810.128
1+140	49.701	0.073	801.535	0.732	24701.189	39810.860
1+160	59.107	3.683	1088.079	37.559	25789.267	39848.419
1+180	45.039	6.268	1041.455	99.507	26830.722	39947.926
1+200	31.008	7.990	760.468	142.582	27591.190	40090.508
1+220	22.741	7.809	537.486	157.996	28128.676	40248.504
1+240	29.077	6.756	548.498	128.258	28677.175	40376.762
1+260	83.272	2.275	1197.684	79.191	29874.859	40455.953
1+280	214.794	0.000	3212.837	21.311	33087.696	40477.264
1+300	239.093	0.000	4877.993	0.000	37965.688	40477.264
1+320	207.563	0.000	4738.717	0.000	42704.405	40477.264
1+340	89.508	1.812	3117.444	16.927	45821.850	40494.191
1+360	24.434	9.167	1139.425	109.784	46961.274	40603.976
1+380	17.074	10.958	415.083	201.250	47376.357	40805.225
1+400	24.312	8.721	418.167	192.923	47794.524	40998.148
1+420	55.340	7.459	809.870	158.669	48604.394	41156.817
1+440	46.655	4.843	1037.486	120.643	49641.880	41277.460
1+460	36.100	4.087	837.900	87.626	50479.781	41365.086
1+480	20.023	5.490	567.381	94.030	51047.162	41459.115
1+500	10.050	5.181	302.900	104.978	51350.062	41564.093
1+520	34.434	0.000	446.164	51.433	51796.226	41615.526
1+540	22.538	0.000	570.754	0.000	52366.979	41615.526
1+560	20.265	0.000	428.094	0.000	52795.073	41615.526
1+580	22.378	0.000	425.746	0.000	53220.818	41615.526
1+600	23.493	0.000	457.566	0.000	53678.385	41615.526
1+620	30.645	0.000	539.577	0.000	54217.961	41615.526
			560.887	0.000	54778.848	41615.526

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	Square Meters		Cubic Meters		Cubic Meters	
	CUT	FILL	CUT	FILL	CUT	FILL
1+640	25.444	0.000				
1+660	19.668	0.101	451.122	1.007	55229.970	41616.534
1+680	12.205	3.979	318.727	40.793	55548.697	41657.327
1+700	4.888	17.441	170.927	214.193	55719.624	41871.519
1+720	3.445	21.986	83.330	394.271	55802.953	42265.791
1+740	3.725	18.327	71.698	403.137	55874.651	42668.927
1+760	4.297	46.161	80.224	644.879	55954.875	43313.807
1+780	7.392	11.266	116.893	574.265	56071.769	43888.071
1+800	6.766	13.224	137.010	268.679	56208.778	44156.750
1+820	5.289	9.738	121.511	236.045	56330.289	44392.795
1+840	0.000	20.053	54.051	300.664	56384.341	44693.459
1+860	0.045	12.664	0.464	336.549	56384.805	45030.008
1+880	0.000	20.760	0.464	347.573	56385.269	45377.581
1+900	0.000	21.040	0.000	435.206	56385.269	45812.786
1+920	0.000	20.244	0.000	423.796	56385.269	46236.583
1+940	0.000	23.878	0.000	454.411	56385.269	46690.994
1+960	0.000	32.048	0.000	578.990	56385.269	47269.984
1+980	0.000	35.286	0.000	644.842	56385.269	47914.826
2+000	0.000	42.342	0.000	750.252	56385.269	48665.078
2+020	0.000	39.273	0.000	808.009	56385.269	49473.087
2+040	4.866	16.056	46.203	574.825	56431.472	50047.911
2+060	38.794	0.007	404.710	173.498	56836.182	50221.409
2+080	59.672	0.000	950.840	0.068	57787.023	50221.478
2+100	59.156	0.000	1164.330	0.000	58951.352	50221.478
2+120	42.173	0.000	997.044	0.000	59948.396	50221.478
2+140	22.509	0.000	638.555	0.000	60586.951	50221.478
2+160	20.346	0.010	421.805	0.104	61008.756	50221.581
2+180	32.499	0.000	517.461	0.104	61526.217	50221.685
2+200	40.004	0.000	711.479	0.000	62237.696	50221.685
2+220	34.691	0.003	735.230	0.031	62972.926	50221.716
2+240	28.558	0.000	618.438	0.031	63591.364	50221.747
2+260	16.513	0.949	433.224	9.911	64024.588	50231.658
2+280	12.679	3.344	291.927	42.925	64316.515	50274.583
2+300	13.829	4.444	265.084	77.875	64581.600	50352.458
2+320	25.789	0.153	396.183	45.965	64977.783	50398.423
2+340	31.473	0.012	572.626	1.649	65550.409	50400.072
2+360	25.831	0.000	573.046	0.120	66123.456	50400.192
2+380	8.150	0.035	339.810	0.353	66463.266	50400.545
2+400	19.436	0.000	275.859	0.353	66739.124	50400.898
2+420	17.666	0.029	369.507	0.291	67108.632	50401.189
2+440	13.844	0.004	314.208	0.314	67422.840	50401.503
2+460	15.528	0.000	293.797	0.034	67716.637	50401.537
			0.000	0.000	67716.637	50401.537



Xref: XSEC\_BASE.DWG  
 DESIGNED BY: AB DRAWN BY: CH  
 APPROVED: --- JOB NUMBER 800110J  
 CAD DATE: October 09, 1998 10:00:29 a.m.  
 CAD FILE: 800110j\Draws\Tyler\_BASE\X32.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION,  
 OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT  
 SUPERVISION AND THAT I AM A DULY REGISTERED  
 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE  
 STATE OF MINNESOTA.  
 DATE 10/15/98 REG. NO. 15316

NO.	DATE	BY	REVISION DESCRIPTION



Howard R. Green Company  
 CONSULTING ENGINEERS

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CITY OF ELK RIVER  
 EASTERN AREA  
 PHASE I IMPROVEMENTS

STREET AND UTILITY IMPROVEMENTS  
 CROSS SECTIONS  
 TYLER STREET VOLUME TABLE

SHEET NO.  
**C1-32X**