

BENCH MARKS

POINT NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
100	BM#5, C.O.W. bench turn island NE cor. Maize & Central.	20081.0348	48413.6850	44.2730
101	BM#4, Capped bar NE cor. Valleyview & Central.	20077.8698	48767.4442	44.9900
102	BM#3, Capped bar NW cor. Caddy & Central.	20053.3450	49214.9040	43.9020
103	BM#2, C.O.W. bench E. end N. handrail @ Westlink & Central RCB.	20043.6070	49583.5915	46.0300
104	BM#1, Capped bar SW cor. Tyler & Central * cut N. Cor. pedestrian walk signal /nw cor. Tyler & Central.	20032.9570	50002.7008	44.5030

ROADWAY INFORMATION

POINT NUMBER	STATION	DESCRIPTION	NORTHING	EASTING
200	1+249.266	Intersection of Crestline Avenue & Central Avenue (S)	20057.5075	48650.3283
201	1+261.994	Intersection of Crestline Avenue & Central Avenue (N)	20057.1429	48663.0518
202	1+359.277	Intersection of Waterview Lane & Central Avenue (S)	20054.3561	48760.2947
203	1+360.344	Intersection of Waterview Lane & Central Avenue (N)	20054.3256	48761.3616
204	1+457.085	Intersection of Chipper Lane & Central Avenue (S)	20051.5543	48858.0621
205	1+457.902	Intersection of Chipper Lane & Central Avenue (N)	20051.5309	48858.8788
206	1+547.919	Intersection of Fairway Avenue & Central Avenue (S)	20048.9523	48948.8589
207	1+549.355	Intersection of Fairway Avenue & Central Avenue (N)	20048.9112	48950.2943
208	1+638.672	Intersection of Norman Avenue & Central Avenue (S)	20046.3526	49039.5746
209	1+640.664	Intersection of Norman Avenue & Central Avenue (N)	20046.2955	49041.5661
210	1+729.518	Intersection of Maus Lane & Central Avenue (S)	20043.7502	49130.3833
211	1+823.459	Intersection of Caddy Lane & Central Avenue (S)	20041.0592	49224.2858
212	1+828.506	Intersection of Caddy Lane & Central Avenue (N)	20040.8855	49229.3301
213	1+988.597	Intersection of Frontage Road Entrance & Central Avenue (N)	20035.1450	49389.3179
214	2+148.712	Intersection of Westlink Avenue & Central Avenue (S)	20029.4036	49549.3303
215	2+148.894	Intersection of Westlink Avenue & Central Avenue (N)	20029.3971	49549.5116
216	2+278.065	Intersection of Murray Avenue & Central Avenue (N)	20024.7652	49678.6004
600	1+000.000	Central Avenue Baseline	20064.6480	48401.1650
601	1+824.467	Central Avenue Baseline	20041.0303	49225.2937
602	2+623.352	Central Avenue Baseline	20012.3840	50023.6650
603	2+650.000	Central Avenue Baseline	20011.4285	50050.2959

WATERLINE INFORMATION

POINT NUMBER	STATION	DESCRIPTION	NORTHING	EASTING	OFFSET	POINT NUMBER	STATION	DESCRIPTION	NORTHING	EASTING	OFFSET
300	1+256.090	Tap	20046.7081	48656.8444	10.61m Rt.	333	1+538.180	8' 45 Bend	20037.0039	48938.7762	12.23m Rt.
301	1+256.090	8"x8" Tee	20045.3372	48656.8076	11.98m Rt.	334	1+539.500	8"x4" Tee	20033.2235	48939.9846	15.98m Rt.
302	1+256.100	8"x6" Tee	20041.6041	48656.7076	15.71m Rt.	335	1+539.630	8"x8" Tee	20036.9010	48940.2208	12.29m Rt.
303	1+257.370	Tap	20042.0416	48657.9928	15.24m Rt.	336	1+539.72	Vertical Drop	20039.9895	48940.3696	10.20m Rt.
304	1+265.870	6" 90 Bend	20071.2087	48667.3293	14.18m Lt.	337	1+539.76	Vertical Drop	20040.0734	48940.4468	9.12m Rt.
305	1+267.200	8' 45 Bend	20045.0396	48667.9123	11.96m Rt.	338	1+540.52	Tap	20033.1508	48941.0043	16.02m Rt.
306	1+267.550	8' 45 Bend	20070.1882	48668.9906	13.21m Lt.	339	1+540.830	8"x4" Tee	20065.0389	48942.2282	15.89m Lt.
307	1+267.560	8"x4" Tee	20071.1634	48669.0168	14.19m Lt.	340	1+541.83	Tap	20064.9702	48943.2267	15.85m Lt.
308	1+267.600	8' 45 Bend	20045.4327	48668.3270	11.55m Rt.	341	1+630.82	Tap	20030.7640	49031.2729	15.82m Lt.
309	1+269.040	8' 45 Bend	20073.0638	48670.5593	16.13m Lt.	342	1+632.09	90° Bend	20034.6056	49032.6525	11.94m Rt.
310	1+269.040	8"x6" Tee	20073.7900	48670.5788	16.86m Lt.	343	1+632.180	6" 90 Bend	20036.3218	49032.7929	10.22m Rt.
311	1+270.070	Tap	20073.7623	48671.6107	16.86m Lt.	344	1+632.910	8"x4" Tee	20030.5942	49033.3589	15.93m Rt.
312	1+349.640	8' 45 Bend	20042.8741	48750.3242	11.76m Rt.	345	1+633.12	8"x6" Tee	20034.5215	49032.6802	12.00m Rt.
313	1+349.650	Tap	20043.8726	48750.3604	10.76m Rt.	346	1+633.190	Vertical Drop	20035.8363	49033.7878	10.68m Rt.
314	1+350.010	8' 45 Bend	20042.3895	48750.7749	12.23m Rt.	347	1+633.23	Vertical Drop	20036.6560	49033.8549	9.86m Rt.
315	1+353.240	Tap	20071.9018	48754.7586	17.38m Lt.	348	1+633.97	Tap	20063.5544	49035.3684	17.07m Lt.
316	1+353.810	8"x8" Tee	20042.2552	48754.4748	12.26m Rt.	349	1+634.660	8"x4" Tee	20063.4984	49036.0510	17.04m Lt.
317	1+353.820	Vertical Drop	20043.7472	48754.5289	10.77m Rt.	350	1+723.220	6' 45 Bend	20033.7110	49123.7964	10.22m Rt.
318	1+354.000	Vertical Drop	20068.1711	48755.4153	13.67m Lt.	351	1+734.959	8"x8" Tee	20028.1560	49135.3803	15.44m Rt.
319	1+354.020	8"x4" Tee	20071.8734	48755.5417	17.37m Lt.	352	1+734.97	Tap	20033.9586	49135.5545	9.64m Rt.
320	1+366.110	8"x4" Tee	20037.9267	48766.6581	16.24m Rt.	353	1+736.05	Tap	20028.1234	49136.4676	15.45m Rt.
321	1+366.140	90° Bend	20041.8080	48766.7989	12.36m Rt.	354	1+811.760	8"x4" Tee	20026.1824	49212.1544	15.22m Rt.
322	1+367.130	Tap	20037.8898	48767.6749	16.24m Rt.	355	1+811.79	Vertical Drop	20031.0632	49212.3281	10.33m Rt.
323	1+463.740	8"x8" Tee	20035.7250	48864.2657	15.65m Rt.	356	1+811.810	8"x8" Tee	20030.0835	49212.3169	11.31m Rt.
324	1+463.900	Vertical Drop	20041.5607	48864.5925	9.80m Rt.	357	1+812.120	8' 45 Bend	20049.5615	49213.1868	8.18m Lt.
325	1+463.950	8"x8" Tee	20043.2995	48864.6900	8.06m Rt.	358	1+813.26	Tap	20026.1291	49213.6544	15.23m Rt.
326	1+464.540	Vertical Drop	20065.1570	48865.9143	13.82m Lt.	359	1+814.480	8' 90 Bend	20031.5595	49215.0262	9.76m Rt.
327	1+464.570	8"x8" Tee	20066.7836	48865.9870	15.45m Lt.	360	1+822.89	Vertical Drop	20059.6816	49224.2532	18.61m Lt.
328	1+464.910	Tap	20066.7645	48866.3275	15.45m Lt.	361	1+823.330	8' 45 Bend	20060.0933	49224.7034	19.04m Lt.
329	1+465.090	Tap	20035.6492	48865.6180	15.68m Rt.	362	1+834.36	Tap	20059.5951	49235.8607	18.93m Lt.
330	1+468.520	8' 90 Bend	20041.9939	48869.2320	9.24m Rt.	363	1+958.10	Existing Valve	20026.5023	49358.4922	9.74m Rt.
331	1+537.200	8' 45 Bend	20038.0982	48937.8275	11.17m Rt.	364	2+142.50	Tap	20020.8882	49542.8083	8.74m Rt.
332	1+537.200	Tap	20039.5057	48866.3275	9.76m Rt.						

STORM SEWER INFORMATION

POINT NUMBER	STATION	DESCRIPTION	NORTHING	EASTING	OFFSET	POINT NUMBER	STATION	DESCRIPTION	NORTHING	EASTING	OFFSET
401	1+235.322	Inlet	20048.1510	48636.1104	9.76m Rt.	413	1+349.142	Manhole	20062.4483	48750.3877	7.81m Lt.
402	1+238.602	Manhole	20050.1547	48639.4491	7.66m Rt.	414	1+370.434	Manhole	20046.1952	48771.2210	7.84m Rt.
404	1+248.415	Inlet	20067.2879	48649.7576	9.76m Lt.	415	1+374.159	Inlet	20043.6078	48774.8745	9.76m Rt.
405	1+251.335	Manhole	20065.2280	48652.6199	7.78m Lt.	416	1+373.635	Inlet	20064.3028	48774.9431	9.76m Lt.
406	1+260.319	Manhole	20049.3048	48661.1514	7.89m Rt.	417	1+393.957	Inlet	20050.2286	49241.1241	9.76m Lt.
407	1+262.204	Inlet	20046.9166	48662.9690	9.76m Rt.	418	1+841.972	Inlet	20030.0172	49242.4146	9.76m Rt.
408	1+273.119	Manhole	20064.6145	48674.3955	7.79m Lt.	419	1+997.584	Inlet	20044.5764	49398.6491	9.76m Lt.
409	1+275.250	Inlet	20067.0194	48676.5963	9.76m Lt.	420	1+997.574	Inlet	20025.0693	49397.9389	9.76m Lt.
410	1+345.146	Inlet	20044.4389	48745.8739	9.76m Rt.	421	2+090.615	Inlet	20021.7407	49490.7074	9.76m Rt.
411	1+348.220	Manhole	20046.7885	48749.0162	7.89m Rt.	422	2+090.615	Inlet	20041.2405	49491.6200	9.76m Lt.
412	1+347.719	Inlet	20065.0451	48749.0386	9.76m Lt.						

R.O.W. CORNERS

POINT NUMBER	NORTHING	EASTING	STATION	OFFSET
500	20139.8933	48431.2169	1+027.884	76.1m Lt.
501	20086.7984	48426.1047	1+024.290	15.0m Lt.
502	20049.4166	48400.6250	1+100.000	15.0m Rt.
503	20085.2571	48479.4226	1+077.640	22.8m Lt.
504	20047.2338	48476.7956	1+076.100	15.2m Rt.
505	20039.7136	48476.5290	1+076.050	22.8m Rt.
506	20046.3682	48507.0025	1+106.320	15.2m Rt.
507	20076.7870	48509.5723	1+108.020	15.2m Lt.
508	20072.6248	48654.8146	1+253.320	15.2m Lt.
509	20072.1010	48663.0926	1+271.600	15.2m Lt.
510	20042.5269	48641.0455	1+240.420	15.2m Rt.
511	20042.0031	48659.3224	1+258.700	15.2m Rt.
512	20069.8050	48753.2110	1+351.750	15.2m Lt.
513	20069.2813	48771.4889	1+370.040	15.2m Lt.
514	20039.3677	48751.2847	1+350.700	15.2m Rt.
515	20038.8439	48769.5652	1+368.990	15.2m Rt.
516	20067.0175	48850.4850	1+449.070	15.2m Lt.
517	20066.4936	48868.7653	1+467.360	15.2m Lt.
518	20036.5849	48848.3916	1+447.850	15.2m Rt.
519	20036.0609	48866.6781	1+466.140	15.2m Rt.
520	20064.3981	48941.8867	1+540.510	15.2m Lt.
521	20063.8743	48960.1671	1+558.790	15.2m Lt.
522	20033.9831	48939.1843	1+538.680	15.2m Rt.
523	20033.4592	48957.4647	1+556.960	15.2m Rt.
524	20061.7788	49033.2885	1+631.950	15.2m Lt.
525	20061.2549	49051.5694	1+650.230	15.2m Lt.
526	20031.3812	49029.9770	1+629.510	15.2m Rt.
527	20030.8573	49048.2574	1+647.790	15.2m Rt.
528	20028.7794	49120.7697	1+720.340	15.2m Rt.
529	20028.2555	49139.0500	1+738.620	15.2m Rt.
530	20056.4442	49219.4420	1+818.180	15.2m Lt.
531	20026.1775	49211.5623	1+811.170	15.2m Rt.