

SOUTHEAST
RTK GRID SHIFT CHECK AND MAX/NEAR COMPARISON

STATION	POSTED	MEAN OBSERVED DIFF.				POSTED	MEAN OBSERVED DIFF.			SHIFT FROM POSTED NAD27 TO CSRS NAD83		STATION TYPE
	NAD27	MAX		NEAR		CSRSNAD83	MAX		NEAR			
020772224	4,843,279.931	4,843,279.895	0.020	4,843,279.875	0.046	4,843,502.194	4,843,502.158	0.023	4,843,502.135	222.263	0.048	TRANSFORMED
ORTHO HEIGHT	327,845.195	327,845.258	0.012	327,845.270	-0.069	327,861.060	327,861.122	0.010	327,861.132	15.865	-0.067	
	135.000	136.671		136.665	0.083						0.082	
020782023	4,844,669.123	4,844,669.123	0.020	4,844,669.143	-0.010	4,844,891.416	4,844,891.404	0.028	4,844,891.432	222.293	-0.002	TRANSFORMED
ORTHO HEIGHT	329,134.178	329,134.217	0.001	329,134.218	-0.040	329,150.000	329,150.037	0.005	329,150.042	15.822	-0.040	
	125.000	125.022		125.024	0.041						0.040	
021660021	4,847,588.707	4,847,588.707	0.008	4,847,588.699	0.004	4,847,811.065	4,847,811.070	0.012	4,847,811.058	222.358	0.001	TRAVERSED
ORTHO HEIGHT	330,522.351	330,522.391	0.009	330,522.400	-0.044	330,538.150	330,538.201	0.007	330,538.208	15.799	-0.054	
	120.810	120.741		120.720	0.045						0.055	
001633035	4,850,037.117	4,850,037.118	0.038	4,850,037.084	0.016	4,850,259.398	4,850,259.405	0.030	4,850,259.375	222.281	0.008	G.P.S
ORTHO HEIGHT	328,876.225	328,876.249	0.008	328,876.241	-0.020	328,891.974	328,891.984	0.001	328,891.985	15.749	-0.011	
	156.310	156.378		156.375	0.026						0.013	
001633047	4,845,111.509	4,845,111.483	0.019	4,845,111.502	0.016	4,845,333.769	4,845,333.742	0.021	4,845,333.763	222.260	0.017	G.P.S
ORTHO HEIGHT	327,255.819	327,255.822	0.005	327,255.817	0.000	327,271.633	327,271.633	0.004	327,271.629	15.814	0.002	
	162.380	162.494		162.476	0.017						0.017	
001633048	4,843,507.944	4,843,507.940	0.008	4,843,507.932	0.008	4,843,730.218	4,843,730.214	0.006	4,843,730.220	222.274	0.001	G.P.S
ORTHO HEIGHT	327,795.513	327,795.525	0.003	327,795.528	-0.014	327,811.383	327,811.392	0.003	327,811.389	15.870	-0.008	
	184.070	184.169		184.165	0.016						0.008	

2 TRANSFORMED
1 TRAVERSED
3 G.P.S
6 TOTAL

NORTHEAST
RTK GRID SHIFT CHECK AND MAX/NEAR COMPARISON

STATION	POSTED			MEAN OBSERVED DIFF.			POSTED			MEAN OBSERVED DIFF.			SHIFT FROM POSTED NAD27 TO CSRS NAD83		STATION TYPE
	NAD27	MAX	NEAR				CSRSNAD83	MAX	NEAR						
024700152	4,855,167.197	4,855,167.194	0.001	4,855,167.193	0.003	0.003	4,855,389.647	4,855,389.638	0.012	4,855,389.650	222.450	0.003	TRANSFORMED		
ORTHO HEIGHT	330,945.278	330,945.305	0.003	330,945.308	-0.029	0.029	330,960.823	330,960.852	0.005	330,960.857	15.545	-0.032	0.032		
024700153	4,855,211.151	4,855,211.144	0.000	4,855,211.144	0.007	0.007	4,855,433.605	4,855,433.608	0.007	4,855,433.601	222.454	0.001	TRANSFORMED		
ORTHO HEIGHT	331,045.289	331,045.346	0.001	331,045.345	-0.057	0.057	331,060.831	331,060.888	0.005	331,060.893	15.542	-0.059	0.060		
001633003	4,855,522.520	4,855,522.501	0.018	4,855,522.483	0.028	0.028	4,855,744.976	4,855,744.956	0.018	4,855,744.938	222.456	0.029	G.P.S		
ORTHO HEIGHT	330,959.095	330,959.072	0.001	330,959.073	0.022	0.022	330,974.618	330,974.601	0.001	330,974.602	15.523	0.017	0.033		
001633002	4,855,983.750	4,855,983.723	0.010	4,855,983.713	0.032	0.032	4,856,206.213	4,856,206.181	0.010	4,856,206.171	222.463	0.037	TRAVERSED		
* Resections tab	330,807.357	330,807.144	0.008	330,807.136	0.217	0.217	330,822.888	330,822.668	0.009	330,822.659	15.531	0.224	0.228		
ORTHO HEIGHT	173.000	174.377		174.347	0.219										
020670124	4,856,195.551	4,856,195.598	0.018	4,856,195.580	-0.038	0.038	4,856,418.027	4,856,418.060	0.018	4,856,418.042	222.476	-0.024	TRAVERSED		
ORTHO HEIGHT	330,740.231	330,740.258	0.005	330,740.263	-0.029	0.029	330,755.761	330,755.779	0.006	330,755.785	15.530	-0.021	0.032		
001633001	4,856,829.184	4,856,829.170	0.012	4,856,829.158	0.020	0.020	4,857,051.633	4,857,051.636	0.007	4,857,051.629	222.449	0.001	TRAVERSED		
ORTHO HEIGHT	330,523.292	330,523.306	0.004	330,523.310	-0.016	0.016	330,538.832	330,538.834	0.009	330,538.843	15.540	-0.006	0.007		
00161303	4,856,958.814	4,856,958.800	0.015	4,856,958.785	0.021	0.021	4,857,181.276	4,857,181.271	0.014	4,857,181.285	222.462	-0.002	G.P.S		
ORTHO HEIGHT	330,905.463	330,905.463	0.011	330,905.474	-0.005	0.005	330,921.004	330,920.994	0.010	330,921.004	15.541	0.005	0.005		
020670180	4,856,959.369	4,856,959.361	0.008	4,856,959.369	0.004	0.004	4,857,181.822	4,857,181.826	0.015	4,857,181.841	222.453	-0.012	TRAVERSED		
ORTHO HEIGHT	331,332.713	331,332.727	0.003	331,332.724	-0.013	0.013	331,348.384	331,348.270	0.004	331,348.266	15.671	0.116	0.117		
020670123	4,856,419.607	4,856,419.666	0.003	4,856,419.663	-0.058	0.058	4,856,642.075	4,856,642.128	0.003	4,856,642.131	222.468	-0.054	TRAVERSED		
ORTHO HEIGHT	331,530.446	331,530.454	0.004	331,530.458	-0.010	0.010	331,546.054	331,545.994	0.002	331,545.996	15.608	0.059	0.080		
001633024	4,855,766.079	4,855,766.046	0.001	4,855,766.047	0.032	0.032	4,855,988.534	4,855,988.520	0.002	4,855,988.522	222.455	0.013	G.P.S		
ORTHO HEIGHT	331,747.549	331,747.563	0.002	331,747.561	-0.013	0.013	331,763.124	331,763.112	0.008	331,763.120	15.575	0.008	0.015		
020932301	4,857,128.567	4,857,128.541	0.009	4,857,128.532	0.031	0.031	4,857,351.054	4,857,351.028	0.015	4,857,351.013	222.487	0.033	TRANSFORMED		
ORTHO HEIGHT	331,297.781	331,297.766	0.005	331,297.771	0.013	0.013	331,313.328	331,313.321	0.004	331,313.325	15.547	0.005	0.034		
001633073	4,854,007.263	4,854,007.253	0.005	4,854,007.258	0.008	0.008	4,854,229.678	4,854,229.666	0.004	4,854,229.670	222.415	0.010	G.P.S		
ORTHO HEIGHT	330,148.262	330,148.274	0.001	330,148.275	-0.013	0.013	330,163.851	330,163.862	0.001	330,163.863	15.589	-0.012	0.015		
001633022	4,853,139.171	4,853,139.144	0.008	4,853,139.152	0.023	0.023	4,853,361.630	4,853,361.602	0.008	4,853,361.610	222.459	0.024	G.P.S		
ORTHO HEIGHT	331,952.401	331,952.405	0.007	331,952.398	-0.001	0.001	331,968.024	331,968.029	0.007	331,968.022	15.623	-0.002	0.024		
001633036	4,850,972.518	4,850,972.505	0.002	4,850,972.507	0.012	0.012	4,851,194.860	4,851,194.843	0.002	4,851,194.845	222.342	0.016	G.P.S		
ORTHO HEIGHT	329,945.379	329,945.371	0.009	329,945.380	0.004	0.004	329,961.076	329,961.070	0.009	329,961.079	15.697	0.002	0.016		
020776021	4,856,715.314	4,856,715.457	0.009	4,856,715.466	-0.147	0.147							TRANSFORMED		
* Resections tab	330,091.981	330,091.896	0.000	330,091.896	0.085	0.085									
ORTHO HEIGHT	171.000	171.386		171.382	0.170										

4 TRANSFORMED
5 TRAVERSED
6 G.P.S
15 TOTAL

**NORTHWEST
RTK GRID SHIFT CHECK AND MAX/NEAR COMPARISON**

STATION	POSTED			MEAN OBSERVED DIFF.			POSTED	MEAN OBSERVED DIFF.			SHIFT FROM POSTED NAD27 TO CSRS NAD83		STATION TYPE
	NAD27	MAX	NEAR					CSRSNAD83	MAX	NEAR			
020910146	4,843,519.782	4,843,519.792	0.017	4,843,519.775	-0.002	4,843,741.707	4,843,741.704	0.004	4,843,741.700	221.925	0.005	TRANSFORMED	
ORTHO HEIGHT	295,130.215	295,130.147	0.006	295,130.141	0.071	295,145.952	295,145.871	0.005	295,145.876	15.737	0.079		
	168.000	166.147	0.184	166.331	0.071						0.079		
020900300	4,845,479.356	4,845,479.406	0.008	4,845,479.414	-0.054	4,845,701.258	4,845,701.307	0.008	4,845,701.315	221.902	-0.053	TRANSFORMED	
ORTHO HEIGHT	293,822.714	293,822.674	0.010	293,822.684	0.035	293,838.423	293,838.382	0.010	293,838.392	15.709	0.036		
	175.000	177.383	0.005	177.388	0.064						0.064		
020820258	4,845,793.060	4,845,793.071	0.008	4,845,793.079	-0.015	4,846,014.985	4,846,014.995	0.007	4,846,015.002	221.925	-0.014	TRANSFORMED	
ORTHO HEIGHT	295,123.482	295,123.474	0.014	295,123.460	0.015	295,139.194	295,139.185	0.017	295,139.168	15.712	0.018		
	172.000	172.229	0.001	172.228	0.021						0.022		
001633235	4,844,407.676	4,844,407.673	0.001	4,844,407.674	0.003	4,844,629.635	4,844,629.610	0.004	4,844,629.614	221.959	0.023	G.P.S	
ORTHO HEIGHT	294,206.845	294,206.828	0.002	294,206.826	0.018	294,222.543	294,222.530	0.000	294,222.530	15.698	0.013		
	173.000	170.520	0.013	170.507	0.018						0.026		
001633245	4,840,473.445	4,840,473.450	0.007	4,840,473.443	-0.001	4,840,695.422	4,840,695.395	0.012	4,840,695.383	221.977	0.033	G.P.S	
ORTHO HEIGHT	297,533.977	297,533.943	0.009	297,533.934	0.038	297,549.719	297,549.710	0.003	297,549.707	15.742	0.010		
	167.000	169.435	0.001	169.434	0.039						0.035		
001633264	4,844,023.435	4,844,023.407	0.015	4,844,023.422	0.020	4,844,245.342	4,844,245.325	0.016	4,844,245.341	221.907	0.009	G.P.S	
ORTHO HEIGHT	300,956.551	300,956.525	0.003	300,956.522	0.027	300,972.278	300,972.265	0.008	300,972.257	15.727	0.017		
	137.000	136.841	0.002	136.843	0.034						0.019		
001633368	4,839,861.486	4,839,861.466	0.002	4,839,861.468	0.019	4,840,083.332	4,840,083.314	0.003	4,840,083.317	221.846	0.016	G.P.S	
ORTHO HEIGHT	303,631.074	303,631.069	0.010	303,631.059	0.010	303,646.889	303,646.887	0.004	303,646.883	15.815	0.004		
	129.000	129.336	0.010	129.326	0.021						0.017		
020660171	4,844,332.073	4,844,332.054	0.007	4,844,332.047	0.022	4,844,553.985	4,844,553.961			221.912	0.024	TRAVERSED	
ORTHO HEIGHT	297,765.797	297,765.767	0.004	297,765.771	0.028	297,781.547	297,781.619			15.750	-0.072		
	158.000	159.996	0.013	159.983	0.036						0.076		
020660188	4,844,395.607	4,844,395.633	0.012	4,844,395.621	-0.020	4,844,617.522	4,844,617.536			221.915	-0.014	TRAVERSED	
ORTHO HEIGHT	297,486.161	297,486.138	0.001	297,486.139	0.023	297,501.906	297,501.874			15.745	0.032		
	157.000	160.461	0.017	160.444	0.030						0.035		

2 TRAVERSED
3 TRANSFORMED
4 G.P.S
9 TOTAL

**SOUTHWEST
RTK GRID SHIFT CHECK AND MAX/NEAR COMPARISON**

STATION	POSTED	MEAN OBSERVED DIFF.				POSTED	MEAN OBSERVED DIFF.			SHIFT FROM POSTED NAD27		STATION TYPE
	NAD27	MAX		NEAR		CSRSNAD83	MAX		NEAR			
021670049	4,827,322.274	4,827,322.223	0.016	4,827,322.239	0.043	4,827,544.306	4,827,544.254	0.002	4,827,544.256	222.032	0.051	TRAVERSED
ORTHO HEIGHT	301,229.820	301,229.815	0.002	301,229.817	0.004	301,245.619	301,245.631	0.002	301,245.629	15.799	-0.011	
	79.000	76.818	0.012	76.830	0.043						0.052	
020680634	4,830,568.427	4,830,568.418	0.007	4,830,568.425	0.006	4,830,790.371	4,830,790.359	0.002	4,830,790.361	221.944	0.011	TRAVERSED
ORTHO HEIGHT	303,325.076	303,325.067	0.005	303,325.072	0.007	303,340.971	303,340.964	0.003	303,340.967	15.895	0.006	
	107.000	104.709	0.009	104.718	0.009						0.012	
020680646	4,828,982.581	4,828,982.542	0.019	4,828,982.561	0.030	4,829,204.569	4,829,204.540	0.002	4,829,204.542	221.988	0.028	TRAVERSED
ORTHO HEIGHT	302,740.420	302,740.420	0.003	302,740.417	0.001	302,756.279	302,756.278	0.004	302,756.282	15.859	-0.001	
	98.000	97.785	0.034	97.819	0.030						0.028	
020950018	4,829,133.651	4,829,133.610	0.005	4,829,133.605	0.043	4,829,355.665	4,829,355.631	0.006	4,829,355.625	222.014	0.037	TRANSFORMED
ORTHO HEIGHT	301,959.638	301,959.605	0.002	301,959.603	0.034	301,975.510	301,975.473	0.003	301,975.476	15.872	0.035	
	102.000	101.604	0.038	101.642	0.055			0.000			0.051	
020840207	4,831,544.958	4,831,544.966	0.013	4,831,544.953	-0.002	4,831,766.857	4,831,766.858	0.003	4,831,766.861	221.899	-0.003	TRANSFORMED
ORTHO HEIGHT	303,779.919	303,779.938	0.003	303,779.941	-0.020	303,795.850	303,795.869	0.000	303,795.869	15.931	-0.019	
	108.000	107.801	0.004	107.797	0.021						0.019	
020820056	4,827,124.530	4,827,124.467	0.004	4,827,124.471	0.061	4,827,346.541	4,827,346.478	0.004	4,827,346.482	222.011	0.061	TRANSFORMED
ORTHO HEIGHT	301,485.118	301,485.121	0.007	301,485.114	0.001	301,500.915	301,500.920	0.008	301,500.912	15.797	-0.001	
	75.000	76.054	0.001	76.053	0.061						0.061	
001633342	4,829,242.708	4,829,242.693	0.002	4,829,242.695	0.014	4,829,464.672	4,829,464.663	0.001	4,829,464.664	221.964	0.009	G.P.S
ORTHO HEIGHT	303,187.457	303,187.447	0.002	303,187.449	0.009	303,203.321	303,203.308	0.004	303,203.312	15.864	0.011	
	97.000	98.246	0.004	98.250	0.017						0.014	
020680503	4,833,213.546	4,833,213.548	0.014	4,833,213.534	0.005	4,833,435.527	4,833,435.464	0.003	4,833,435.461	221.981	0.064	TRAVERSED
ORTHO HEIGHT	301,525.591	301,525.586	0.015	301,525.571	0.013	301,541.578	301,541.544	0.018	301,541.562	15.987	0.025	
	131.000	133.187	0.008	133.195	0.013						0.069	

1 G.P.S
3 TRANSFORMED
4 TRAVERSED
8 TOTAL

**SOUTHCENTRAL
RTK GRID SHIFT CHECK AND MAX/NEAR COMPARISON**

STATION	POSTED	MEAN OBSERVED DIFF.				POSTED	MEAN OBSERVED DIFF.			SHIFT FROM POSTED NAD27 TO CSRS		STATION TYPE
	NAD27	MAX		NEAR		CSRSNAD83	MAX		NEAR			
001633206	4,836,629.779	4,836,629.778	0.000	4,836,629.778	0.001	4,836,851.830	4,836,851.830	0.000	4,836,851.830	222.051	0.000	G.P.S
ORTHO HEIGHT	315,182.659	315,182.671	0.009	315,182.680	-0.017	315,198.440	315,198.452	0.009	315,198.461	15.781	-0.016	
	116.000	115.855		115.875								
001633204	4,834,517.516	4,834,517.499	0.023	4,834,517.476	0.029	4,834,739.588	4,834,739.572	0.023	4,834,739.549	222.072	0.028	G.P.S
ORTHO HEIGHT	315,804.981	315,804.959	0.011	315,804.948	0.028	315,820.762	315,820.740	0.011	315,820.729	15.781	0.027	
	81.000	79.206		79.212								
022740257	4,833,824.422	4,833,824.395	0.001	4,833,824.396	0.027	4,834,046.456	4,834,046.429	0.002	4,834,046.431	222.034	0.026	TRAVERSED
ORTHO HEIGHT	315,912.906	315,912.863	0.003	315,912.860	0.045	315,928.680	315,928.636	0.003	315,928.633	15.774	0.046	
	77.000	76.456		76.450	0.052						0.052	
022740037	4,834,060.334	4,834,060.339	0.007	4,834,060.332	-0.002	4,834,282.451	4,834,282.457	0.008	4,834,282.449	222.117	-0.002	TRAVERSED
ORTHO HEIGHT	317,281.513	317,281.546	0.016	317,281.562	-0.041	317,297.301	317,297.334	0.016	317,297.350	15.788	-0.041	
	78.000	76.648		76.653	0.041						0.041	
001633436	4,835,890.710	4,835,890.714	0.004	4,835,890.718	-0.006	4,836,112.779	4,836,112.783	0.004	4,836,112.787	222.069	-0.006	G.P.S
ORTHO HEIGHT	313,548.884	313,548.896	0.029	313,548.867	0.003	313,564.721	313,564.733	0.030	313,564.703	15.837	0.003	
	111.000	108.685		108.660	0.007						0.007	
020700183	4,832,939.945	4,832,939.881	0.007	4,832,939.874	0.068	4,833,162.159	4,833,162.075	0.007	4,833,162.068	222.214	0.088	TRAVERSED
ORTHO HEIGHT	312,809.826	312,809.826	0.005	312,809.821	0.003	312,825.595	312,825.605	0.005	312,825.600	15.769	-0.008	
	79.000	80.194		80.192	0.068						0.088	
001633403	4,832,194.632	4,832,194.617	0.010	4,832,194.607	0.020	4,832,416.688	4,832,416.677	0.010	4,832,416.667	222.056	0.016	G.P.S
ORTHO HEIGHT	310,400.132	310,400.126	0.004	310,400.130	0.004	310,415.973	310,415.963	0.004	310,415.967	15.841	0.008	
	81.000	81.451		81.449	0.020					0.000	0.018	
020080008	4,833,419.480	4,833,419.413	0.017	4,833,419.396	0.076	4,833,641.681	4,833,641.614	0.017	4,833,641.597	222.201	0.076	TRANSFORMED
ORTHO HEIGHT	312,661.876	312,661.900	0.004	312,661.896	-0.022	312,677.650	312,677.674	0.004	312,677.670	15.774	-0.022	
	82.000	85.653		115.875	0.079						0.079	
020981013	4,833,586.877	4,833,586.829	0.018	4,833,586.811	0.057	4,833,809.033	4,833,808.986	0.019	4,833,808.967	222.156	0.056	TRANSFORMED
ORTHO HEIGHT	313,312.876	313,312.890	0.010	313,312.880	-0.009	313,328.655	313,328.669	0.010	313,328.659	15.779	-0.009	
	85.000	84.837		84.836	0.058						0.057	
020679001	4,835,642.353	4,835,642.348	0.000	4,835,642.348	0.005	4,835,864.426	4,835,864.421	0.000	4,835,864.421	222.073	0.005	TRAVERSED
ORTHO HEIGHT	313,613.125	313,613.146	0.001	313,613.147	-0.022	313,628.955	313,628.976	0.000	313,628.976	15.830	-0.021	
	108.000	108.755		108.783	0.022						0.022	
020901012	4,832,938.868	4,832,938.793	0.005	4,832,938.788	0.077	4,833,161.045	4,833,160.970	0.005	4,833,160.965	222.177	0.078	TRANSFORMED
ORTHO HEIGHT	313,711.428	313,711.406	0.007	313,711.413	0.019	313,727.207	313,727.184	0.008	313,727.192	15.779	0.019	
	77.000	77.621		77.621	0.080						0.080	

3 TRANSFORMED
4 TRAVERSED
4 G.P.S
11 TOTAL

STATIONS TO BE RESHOT-- LARGE DELTA SEPERATIONS

		POSTED			MEAN OBSERVED DIFF.						SHIFT FROM POSTED NAD27 TO CSRS NAD83	
NORTHEAST												
STATION	NAD27	MAX		NEAR		CSRSNAD83	MAX		NEAR			
024700152	4,855,167.342	4,855,167.194	0.001	4,855,167.193	0.149	4,855,389.792	4,855,389.638	0.012	4,855,389.650	222.450	0.148	
	330,945.371	330,945.305	0.003	330,945.308	0.064	330,960.916	330,960.852	0.005	330,960.857	15.545	0.062	
ORTHO HEIGHT	160.000	160.120		160.121								
001633002	4,855,983.750	4,855,983.723	0.010	4,855,983.713	0.032	4,856,206.213	4,856,206.181	0.010	4,856,206.171	222.463	0.037	
	330,807.357	330,807.144	0.008	330,807.136	0.217	330,822.888	330,822.668	0.009	330,822.659	15.531	0.224	
ORTHO HEIGHT	173.000	174.377		174.347								
020776021	4,856,715.314	4,856,715.457	0.009	4,856,715.466	-0.147							
	330,091.981	330,091.896	0.000	330,091.896	0.085							
ORTHO HEIGHT	171.000	171.386		171.382								
SOUTHCENTRAL												
020901012	4,832,938.868	4,832,938.793	0.005	4,832,938.788	0.077	4,833,161.045	4,833,160.970	0.005	4,833,160.965	222.177	0.078	
	313,711.428	313,711.406	0.007	313,711.413	0.019	313,727.207	313,727.184	0.008	313,727.192	15.779	0.019	
ORTHO HEIGHT	77.000	77.621		77.621								

RESULTS . Station 001633002, the CM is bent to the west..The ties are out .23 as well.
 Station 020776021, the S.I.B is bent.
 Station 024700152, the station appears OK but the tie co-ords reveal a 8cm error in Northings.
 Station 020911012, the station is out !

Resected points

NORTHEAST

STATION	POSTED NAD27	RESECTED VALUE	DELTA SHIFT	
024700152	4,855,167.342	4,855,167.197	0.145	THIS RESECTION REFLECTS RTK PICK VALUE AND
	330,945.371	330,945.278	0.093	STATION COORDINATES HAVE BEEN UPDATED
ORTHO HEIGHT	160.000			TO REFLECT THE RESECTED VALUES

Station 001633002, the CM is bent to the west..The ties are out .23 as well.

*****NO RESECTION DONE ON THIS POINT*****

Station 020776021, the S.I.B is bent.

*****NO RESECTION DONE ON THIS POINT*****

SOUTHCENTRAL

020901012	4,832,938.868	4,832,938.868	0.000	Resection matches posted value
	313,711.428	313,711.428	0.000	
ORTHO HEIGHT	77.000			

R.T.K REPORT - STATION SUMMARY

49 Stations sampled in areas covering the City of Toronto.

18 STATIONS WERE G.P.S ED 36% OF SAMPLE AREA

16 STATIONS WERE TRAVERSED 33% OF SAMPLED AREA

15 STATIONS WERE TRANSFORMED 31% OF SAMPLED AREA

Out of the 49 stations sampled, 4 had large Deltas differences, out of those 4, 2 were found to be bent bars.

The third point was proved by resection to be shifted and the station coordinates were updated.

The fourth point (020901012) from the southcentral area reflected the errors inherent in the NAD'27 adjustment, the NAD'83 CSRS adjustment, the grid shift file and the GPS observation errors.

I feel that this is a fair sample of the three station types and a accurate grid shift.