

SURVEY TIES FOR CONTROL POINT DATA

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	I.80	2948+61.98	2.4622 RT	SIGN
501	I.80	2948+20.12	28.3404 RT	SHOULDER
502	I.80	2948+21.20	28.1148 LT	SHOULDER
506	I.80	2983+08.43	1.6911 RT	GUARDRAIL STEEL PLATE BEAM
507	I.80	2983+67.18	1.3407 RT	PIER
508	I.80	2983+65.01	65.951 LT	PIER
512	I.80	3017+65.64	1.0730 RT	HEADWALL
513	I.80	3017+16.01	1.4554 RT	HEADWALL
514	I.80	3017+61.53	2.2913 RT	SIGN
515	I.80	3043+20.00	92.5474 RT	TREE (DECIDUOUS) 10" DIA.
516	I.80	3043+39.95	14.8358 RT	DRAINAGE MARKER
517	I.80	3043+38.26	14.3909 LT	END SECTION FLARED
527	I.80	3105+42.73	77.3834 RT	DRAINAGE MARKER
528	I.80	3104+73.46	94.2496 RT	POLE, SIGN 256
529	I.80	3106+49.81	113.8377 RT	TREE DECIDUOUS : UNIT
530	I.80	3130+32.95	104.1797 RT	TREE DECIDUOUS : UNIT
531	I.80	3131+37.54	66.2971 RT	SHOULDER
532	I.80	3130+85.39	66.1331 RT	SHOULDER
536	I.80	3166+29.97	9.7100 LT	END SECTION FLARED
537	I.80	3166+59.26	13.5856 RT	POLE - SIGN
538	I.80	3166+05.65	2.4537 LT	G.R. STEEL PLATE BEAM
539	I.80	3194+39.77	0.0854 LT	G.R. STEEL PLATE BEAM
540	I.80	3195+00.68	1.3378 RT	PIER
541	I.80	3195+01.12	68.5399 RT	PIER
545	I.80	3244+38.72	8.9859 RT	DRAINAGE MARKER
546	I.80	3245+34.98	16.7440 LT	DRAINAGE MARKER
547	I.80	3247+70.01	1.3292 LT	G.R. STEEL PLATE BEAM
548	I.80	3267+80.03	118.3532 RT	TREE (DECIDUOUS) 12" DIA.
549	I.80	3268+01.10	112.6648 RT	TREE (DECIDUOUS) 18" DIA.
550	I.80	3268+39.37	93.1451 RT	END SECTION FLARED
554	I.80	3315+44.38	54.6931 RT	PAVEMENT STATION NUMBER
555	I.80	3315+38.67	16.3658 RT	DRAINAGE MARKER
556	I.80	3315+37.42	75.2348 RT	DRAINAGE MARKER
557	I.80	3341+65.15	65.0388 RT	SHOULDER
558	I.80	3341+42.85	66.1558 RT	SHOULDER
559	I.80	3341+91.57	65.6757 RT	SHOULDER
563	I.80	3387+39.34	17.4267 RT	DRAINAGE MARKER
564	I.80	3387+37.15	17.3570 LT	DRAINAGE MARKER
565	I.80	3390+18.10	28.3492 RT	SHOULDER
566	I.80	3411+50.19	64.3673 RT	SHOULDER
567	I.80	3412+39.26	78.9014 RT	DRAINAGE MARKER
568	I.80	3412+64.87	113.1959 RT	FENCE POST
569	I.80	3421+94.13	66.1397 RT	SHOULDER
570	I.80	3422+39.38	76.0419 RT	DRAINAGE MARKER
571	I.80	3422+38.42	14.3172 RT	DRAINAGE MARKER
575	I.80	3462+78.47	24.9892 RT	WINGWALL, TOP
576	I.80	3462+49.68	24.8977 LT	WINGWALL, TOP
577	I.80	3462+00.00	0.0538 LT	DROP BOX
578	I.80	3490+31.33	28.3308 RT	SHOULDER
579	I.80	3490+30.32	28.1211 LT	SHOULDER
580	I.80	3490+77.88	2.5957 LT	POLE, SIGN 256
587	I.80	3553+95.28	129.8053 RT	FENCE POST
588	I.80	3553+72.22	134.6312 RT	POLE - SIGN
589	I.80	3554+29.95	64.4250 RT	SHOULDER
590	I.80	3570+26.83	65.3346 RT	SHOULDER
591	I.80	3570+00.59	65.3589 RT	SHOULDER
592	I.80	3569+72.96	65.4223 RT	SHOULDER
602	I.80	3645+60.94	65.5923 RT	SHOULDER
603	I.80	3645+86.73	65.2439 RT	SHOULDER
604	I.80	3646+12.77	65.3270 RT	SHOULDER
605	I.80	3675+26.94	124.4519 RT	FENCE POST
606	I.80	3675+65.92	124.2644 RT	FENCE POST
607	I.80	3675+70.31	73.9592 RT	DRAINAGE MARKER
611	I.80	3736+81.52	28.3453 RT	SHOULDER
612	I.80	3736+37.87	0.8524 RT	HEADWALL
613	I.80	3736+80.77	1.3399 RT	SIGN
614	I.80	3765+57.86	47.4014 RT	PAVEMENT STATION NUMBER
615	I.80	3765+96.26	101.3317 RT	TREE (DECIDUOUS) 15" DIA.
616	I.80	3765+76.02	106.7136 RT	WARNING SIGN
623	I.80	3813+29.81	118.9996 RT	FENCE POST
624	I.80	3812+61.99	120.2362 RT	POLE - POWER
625	I.80	3813+30.27	58.5521 RT	SHOULDER
626	I.80	3834+04.46	58.8043 RT	SHOULDER
627	I.80	3834+29.81	50.5093 RT	SHOULDER
628	I.80	3834+56.24	58.6326 RT	SHOULDER

BENCH MARKS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
402	1714759.3550	2550617.0150	625.1780	I.80	3640+36.11	129.9904 RT	R.O.W. MARKER
406	1725024.6490	2505949.0090	706.2920	I.80	3167+40.76	109.5704 LT	PERMANENT SURVEY MARKER
407	1724706.1510	2517337.7300	663.6160	I.80	3281+39.48	172.4062 RT	PERMANENT SURVEY MARKER
408	1725009.6510	2531449.8710	692.9080	I.80	3422+41.05	139.1491 LT	PERMANENT SURVEY MARKER
409	1714570.3870	2552656.4200	629.2550	I.80	3660+68.76	121.4059 LT	PLUG
416	1724901.0370	2491293.6330	688.4970	I.80	3017+65.75	0.6214 LT	HEADWALL
417	1724851.4500	2493871.1340	697.2850	I.80	3043+40.14	71.1429 LT	HEADWALL
419	1723673.8430	2499408.4280	726.8370	I.80	3100+42.67	2.4070 RT	DROP BOX
420	1724432.7040	2502508.8180	720.5090	I.80	3132+39.85	115.5695 RT	R.O.W. MARKER
421	1724836.7020	2504046.6050	709.7230	I.80	3148+34.86	0.6472 LT	HEADWALL
422	1724827.8280	2505873.4710	706.9450	I.80	3166+63.97	86.7627 RT	SIGN FOUNDATION
423	1724926.3690	2508817.8420	696.3400	I.80	3196+08.91	7.0841 RT	HEADWALL
425	1725088.0300	2513763.3420	681.3640	I.80	3245+55.34	122.8948 LT	POLE FOUNDATION
426	1724943.0980	2516039.3060	672.1140	I.80	3268+30.91	0.3293 RT	DROP BOX
427	1724758.0440	2519439.0650	682.1050	I.80	3302+32.04	80.7066 RT	HEADWALL
428	1724786.2550	2521151.5500	681.4720	I.80	3319+39.70	115.2064 RT	R.O.W. MARKER
429	1724923.0790	2523640.3130	682.5360	I.80	3344+35.81	134.8923 RT	R.O.W. MARKER
431	1725261.6800	2527936.4380	722.0390	I.80	3387+39.62	125.4638 LT	R.O.W. MARKER
432	1724972.4550	2530119.2690	692.9340	I.80	3409+34.90	114.3023 RT	R.O.W. MARKER
437	1718621.8110	2543232.1610	679.6250	I.80	3556+72.24	144.5014 RT	R.O.W. MARKER
438	1717684.5830	2544589.8170	641.4060	I.80	3573+21.94	134.5713 RT	R.O.W. MARKER
443	1714021.7980	2554014.3380	651.2730	I.80	3675+12.56	124.1966 RT	R.O.W. MARKER
445	1712821.6900	2560074.6520	650.2120	I.80	3736+89.33	0.9506 RT	HEADWALL
446	1712522.4990	2562862.7440	641.3600	I.80	3765+13.97	87.0867 LT	SIGN FOUNDATION
450	1712468.9540	2569927.9050	645.2120	I.80	3835+76.13	79.9378 RT	SIGN FOUNDATION
451	1712557.6530	2572525.4760	640.9330	I.80	3861+75.22	81.0290 RT	SIGN FOUNDATION

MAIN CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
65722943	1723907.0080	2484421.0520	685.8370	I.80	2948+20.71	2.4184 LT	D-2 NETWORK MONUMENT
65722944	1724412.8900	2487828.5160	669.5430	I.80	2982+65.51	5.5272 RT	D-2 NETWORK MONUMENT
65722945	1723381.1340	2535116.9730	673.2240	I.80	3462+43.42	1.6387 LT	D-2 NETWORK MONUMENT
65722946	1722085.2410	2537584.0370	685.3890	I.80	3490+30.13	0.0010 LT	D-2 NETWORK MONUMENT
77700683	1740374.1750	2584378.7250	662.7300	I.80	3945+10.26	27309.3993 LT	VERTICAL CONTROL STATION
77700691	1719181.1260	2584820.2680	646.4700	I.80	3945+10.26	6113.7469 LT	VERTICAL CONTROL STATION
77700896	1723139.3050	2535186.7440	655.8450	I.80	3464+17.54	180.1088 RT	N.G.S. MONUMENT (WINGWALL)
77700943	1712438.6560	2566844.4700	637.6340	I.80	3804+94.11	53.1444 RT	N.G.S. MONUMENT (ABUTMENT)
77700944	1712338.7160	2568322.1850	651.7120	I.80	3819+70.26	174.0044 RT	N.G.S. MONUMENT
77700945	1712326.3280	2568805.1560	651.4200	I.80	3824+52.56	193.3961 RT	N.G.S. MONUMENT
77700948	1712360.2580	2568834.2910	651.0270	I.80	3824+82.17	159.9591 RT	N.G.S. MONUMENT
77701804	1708278.9860	2574984.2320	648.5940	I.80	3884+84.69	4442.0837 RT	N.G.S. MONUMENT

HORIZONTAL CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
902116	1724886.4510	2491290.4220	689.7590	I.80	3017+61.58	13.7207 RT	GPS CONTROL POINT
902117	1724782.4870	2493822.6170	696.8670	I.80	3043+03.12	4.5622 RT	GPS CONTROL POINT
902120	1724444.7540	2502374.8630	719.7880	I.80	3131+12.42	69.6123 RT	GPS CONTROL POINT
902122	1724905.5050	2505785.2980	707.4040	I.80	3165+76.29	8.5225 RT	GPS CONTROL POINT
902123	1724918.9560	2508616.3790	698.2400	I.80	3194+07.40	13.2065 RT	GPS CONTROL POINT
902125	1724949.2360	2513731.9210	686.7010	I.80	3245+23.03	15.6951 RT	GPS CONTROL POINT
902126	1724874.5230	2516018.5490	675.4660	I.80	3268+12.89	69.6793 RT	GPS CONTROL POINT
902128	1724810.1500	2520748.9460	685.7710	I.80	3315+40.13	68.9230 RT	GPS CONTROL POINT
902129	1724978.2930	2523367.7990	677.8420	I.80	3341+64.90	68.8775 RT	GPS CONTROL POINT
902131	1725129.5200	2528217.6120	713.1840	I.80	3390+18.54	11.3903 RT	GPS CONTROL POINT
902132	1724992.3500	2530336.4390	697.9340	I.80	3411+50.05	69.4550 RT	GPS CONTROL POINT
90223	1723703.6970	2499992.8100	717.7350	I.80	3106+20.21	71.8124 RT	GPS CONTROL POINT
90254	1724812.2220	2531358.0680	686.4740	I.80	3421+94.29	73.4721 RT	GPS CONTROL POINT
902137	1718822.5420	2543077.3640	670.6570	I.80	3554+30.21	68.6352 RT	GPS CONTROL POINT
902138	1717923.4870	2544364.4760	653.1530	I.80	3570+00.37	67.9168 RT	GPS CONTROL POINT
902142	1714702.3300	2551168.7580	626.4430	I.80	3645+87.28	67.7423 RT	GPS CONTROL POINT
902143	1714065.4280	2554072.5620	649.6630	I.80	3675+60.11	69.1279 RT	GPS CONTROL POINT
902145	1712813.3110	2560065.3190	650.6230	I.80	3736+82.01	11.1312 RT	GPS CONTROL POINT
902146	1712375.2420	2562908.7930	642.8370	I.80	3765+57.93	60.8078 RT	GPS CONTROL POINT
902149	1712438.6350	2567666.9360	648.5340	I.80	3813+16.50	64.8146 RT	GPS CONTROL POINT
902150	1712482.9510	2569780.6210	649.3930	I.80	3834+29.52	60.9375 RT	GPS CONTROL POINT

TYLIN INTERNATIONAL

USER NAME = #USER#	DESIGNED - CAC	REVISED -
PLOT SCALE = #SCALE#	DRAWN - CAC	REVISED -
PLOT DATE = 8/14/2009	CHECKED - JDF	REVISED -
	DATE - 08/14/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 (I-80)  
ALIGNMENT AND SURVEY TIES FOR CONTROL POINTS  
SHEET 2 OF 3

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		BUREAU	344	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66908	

06-L7BR & BR-1,7VB-M, 6BR & 6, 7 RS-1 & 1J