

EXHIBIT A																							
ESTIMATE OF COST Contract 62N32																							
Type of Work	FEDERAL		STATE		City of Warrenville		DuPage County		City of Wheaton		Milton Township		Village of Downers Grove		Village of Oak Brook		City of Oak Brook Terrace		Village of Lombard		Glenbard Township High School District 87		TOTAL
	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
All roadway work excluding the following	\$6,096,000	80%	\$1,524,000	20%																			\$7,620,000
P&C Engineering (15%)	\$914,400	80%	\$228,600	20%																			\$1,143,000
TRAFFIC SIGNALS																							
IL 56 at IL 59	\$44,259	80%	\$11,065	20%																			\$55,324
P&C Engineering (15%)	\$6,639	80%	\$1,660	20%																			\$8,299
Emergency Vehicle Pre-emption					\$0	100%																	\$0
P&C Engineering (15%)					\$0	100%																	\$0
Painting of Traffic Signal & Hardware					\$3,500	100%																	\$3,500
P&C Engineering (15%)					\$525	100%																	\$525
IL 56 at Batavia Road	\$117,181	80%	\$14,648	10%	\$14,648	10%																	\$146,476
P&C Engineering	\$17,577	80%	\$2,197	10%	\$2,197	10%																	\$21,971
Emergency Vehicle Pre-emption					\$750	100%																	\$750
P&C Engineering (15%)					\$113	100%																	\$113
Painting of Traffic Signal & Hardware					\$8,750	100%																	\$8,750
P&C Engineering (15%)					\$1,313	100%																	\$1,313
IL 56 at Winfield Rd	\$93,882	80%	\$11,735	10%			\$11,735	10%															\$117,353
P&C Engineering (15%)	\$14,082	80%	\$1,760	10%			\$1,760	10%															\$17,603
Emergency Vehicle Pre-emption							\$750	100%															\$750
P&C Engineering (15%)							\$113	100%															\$113
IL 56 at Wiesbrook Rd	\$94,778	80%	\$11,847	10%			\$5,924	5%	\$5,924	5%													\$118,473
P& C Engineering (15%)	\$14,217	80%	\$1,777	10%			\$889	5%	\$889	5%													\$17,771
Emergency Vehicle Pre-emption																							\$0
P& C Engineering (15%)																							\$0
IL 56 at Orchard Rd	\$81,974	80%	\$13,659	13.33%					\$6,835	6.67%													\$102,467
P& C Engineering (15%)	\$12,296	80%	\$2,049	13.33%					\$1,025	6.67%													\$15,370
Emergency Vehicle Pre-emption									\$750	100%													\$750
P& C Engineering (15%)									\$113	100%													\$113
IL 56 at Cromwell	\$67,050	80%	\$11,172	13.33%					\$5,590	6.67%													\$83,812
P& C Engineering (15%)	\$10,057	80%	\$1,676	13.33%					\$839	6.67%													\$12,572
Emergency Vehicle Pre-emption									\$750	100%													\$750
P& C Engineering (15%)									\$113	100%													\$113
IL 56 at Naperville Rd	\$96,394	80%	\$12,049	10%			\$12,049	10%															\$120,493
P& C Engineering (15%)	\$14,459	80%	\$1,807	10%			\$1,807	10%															\$18,074
Emergency Vehicle Pre-emption									\$750	100%													\$750
P& C Engineering (15%)									\$113	100%													\$113
Naperville Rd at Danada Sq							\$22,043	100%															\$22,043
P& C Engineering (15%)							\$3,306	100%															\$3,306
Emergency Vehicle Pre-emption																							\$0
P& C Engineering (15%)																							\$0

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	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$		
Naperville Rd at E Loop/W Loop							\$24,225	100%														\$24,225	
P& C Engineering (15%)							\$3,634	100%														\$3,634	
Emergency Vehicle Pre-emption																						\$0	
P& C Engineering (15%)																						\$0	
IL 56 at East Loop Rd	\$118,638	80%	\$19,768	13.33%					\$9,891	6.67%												\$148,298	
P& C Engineering (15%)	\$17,796	80%	\$2,965	13.33%					\$1,484	6.67%												\$22,245	
Emergency Vehicle Pre-emption									\$3,448	100%												\$3,448	
P& C Engineering (15%)									\$517	100%												\$517	
IL 56 at Leask Ln	\$121,930	80%	\$15,241	10%					\$15,241	10%												\$152,412	
P& C Engineering (15%)	\$18,289	80%	\$2,286	10%					\$2,286	10%												\$22,862	
Emergency Vehicle Pre-emption									\$1,515	100%												\$1,515	
P& C Engineering (15%)									\$227	100%												\$227	
IL 56 at Bradford Dr	\$264,149	80%	\$33,019	10%					\$33,019	10%												\$330,186	
P& C Engineering (15%)	\$39,622	80%	\$4,953	10%					\$4,953	10%												\$49,528	
Emergency Vehicle Pre-emption									\$3,465	100%												\$3,465	
P& C Engineering (15%)									\$520	100%												\$520	
IL 56 at Lambert Rd	\$152,674	80%	\$19,084	10%					\$19,084	10%												\$190,843	
P& C Engineering (15%)	\$22,901	80%	\$2,863	10%					\$2,863	10%												\$28,626	
Emergency Vehicle Pre-emption									\$2,235	100%												\$2,235	
P& C Engineering (15%)									\$335	100%												\$335	
IL 56 at Raider Ln																					\$139,000	100%	\$139,000
P& C Engineering (15%)																					\$20,850	100%	\$20,850
Emergency Vehicle Pre-emption								\$3,550	100%														\$3,550
P& C Engineering (15%)								\$533	100%														\$533
IL 56 at Park Blvd	\$107,578	80%	\$13,447	10%			\$13,447	10%															\$134,472
P& C Engineering (15%)	\$16,137	80%	\$2,017	10%			\$2,017	10%															\$20,171
Emergency Vehicle Pre-emption							\$750	100%															\$750
P& C Engineering (15%)							\$113	100%															\$113
Painting of Traffic Signal & Hardware							\$3,500	100%															\$3,500
P&C Engineering (15%)							\$525	100%															\$525
IL 56 at IL 53	\$38,026	80%	\$9,507	20%																			\$47,533
P& C Engineering (15%)	\$5,704	80%	\$1,426	20%																			\$7,130
Emergency Vehicle Pre-emption																							\$0
P& C Engineering (15%)																							\$0
IL 56 at Lloyd Ave	\$35,623	80%	\$4,453	10%							\$2,226	5%	\$2,226	5%									\$44,529
P& C Engineering (15%)	\$5,343	80%	\$668	10%							\$334	5%	\$334	5%									\$6,679
Emergency Vehicle Pre-emption																							\$0
P& C Engineering (15%)																							\$0

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	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
Lacey Rd at Woodcreek Dr													\$13,300	100%								\$13,300
P& C Engineering (15%)													\$1,995	100%								\$1,995
Emergency Vehicle Pre-emption																						\$0
P& C Engineering (15%)																						\$0
IL 56 at Esplanade Dr	\$101,569	80%	\$12,696	10%									\$12,696	10%								\$126,961
P& C Engineering (15%)	\$15,235	80%	\$1,904	10%									\$1,904	10%								\$19,044
Emergency Vehicle Pre-emption													\$3,423	100%								\$3,423
P& C Engineering (15%)													\$513	100%								\$513
IL 56 at I-355 SB EX	\$68,820	80%	\$17,205	20%																		\$86,025
P& C Engineering (15%)	\$10,323	80%	\$2,581	20%																		\$12,904
Emergency Vehicle Pre-emption													\$750	100%								\$750
P& C Engineering (15%)													\$113	100%								\$113
IL 56 at I-355 NB EX	\$80,494	80%	\$20,123	20%																		\$100,617
P& C Engineering (15%)	\$12,074	80%	\$3,019	20%																		\$15,093
Emergency Vehicle Pre-emption													\$750	100%								\$750
P& C Engineering (15%)													\$113	100%								\$113
IL 56 at Finley Rd	\$260,008	80%	\$32,501	10%			\$16,251	5%					\$16,251	5%								\$325,010
P& C Engineering (15%)	\$39,001	80%	\$4,875	10%			\$2,438	5%					\$2,438	5%								\$48,752
Emergency Vehicle Pre-emption													\$2,818	100%								\$2,818
P& C Engineering (15%)													\$423	100%								\$423
Finley Rd at Mall Dr													\$24,403	100%								\$24,403
P& C Engineering (15%)													\$3,660	100%								\$3,660
Emergency Vehicle Pre-emption																						\$0
P& C Engineering (15%)																						\$0
Finley Rd at Brook Rd													\$17,500	100%								\$17,500
P& C Engineering (15%)													\$2,625	100%								\$2,625
Emergency Vehicle Pre-emption													\$750	100%								\$750
P& C Engineering (15%)													\$113	100%								\$113
IL 56 at Downers Dr	\$146,150	80%	\$18,269	10%									\$18,269	10%								\$182,687
P& C Engineering (15%)	\$21,922	80%	\$2,740	10%									\$2,740	10%								\$27,403
Emergency Vehicle Pre-emption													\$1,990	100%								\$1,990
P& C Engineering (15%)													\$299	100%								\$299
IL 56 at Highland	\$5,600	80%	\$700	10%			\$350	5%											\$350	5%		\$7,000
P& C Engineering (15%)	\$840	80%	\$105	10%			\$53	5%											\$53	5%		\$1,050
Emergency Vehicle Pre-emption																						\$0
P& C Engineering (15%)																						\$0
IL 56 at Fairfield Ave	\$209,158	80%	\$26,145	10%															\$26,145	10%		\$261,447
P& C Engineering (15%)	\$31,374	80%	\$3,922	10%															\$3,922	10%		\$39,217
Emergency Vehicle Pre-emption																			\$10,158	100%		\$10,158
P& C Engineering (15%)																			\$1,524	100%		\$1,524

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	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	
IL 56 at Maxant/Tech	\$177,074	80%	\$22,134	10%															\$22,134	10%			\$221,343	
P& C Engineering (15%)	\$26,561	80%	\$3,320	10%															\$3,320	10%			\$33,201	
Emergency Vehicle Pre-emption																			\$8,163	100%			\$8,163	
P& C Engineering (15%)																			\$1,224	100%			\$1,224	
IL 56 at Fountain Sq	\$145,259	80%	\$18,157	10%															\$18,157	10%			\$181,574	
P& C Engineering (15%)	\$21,789	80%	\$2,724	10%															\$2,724	10%			\$27,236	
Emergency Vehicle Pre-emption																			\$8,193	100%			\$8,193	
P& C Engineering (15%)																			\$1,229	100%			\$1,229	
IL 56 at Meyers Rd	\$244,118	80%	\$30,515	10%			\$30,515	10%															\$305,148	
P& C Engineering (15%)	\$36,618	80%	\$4,577	10%			\$4,577	10%															\$45,772	
Emergency Vehicle Pre-emption							\$5,450	100%															\$5,450	
P& C Engineering (15%)							\$818	100%															\$818	
IL 56 at Trans Am Pl																	\$146,332	100%					\$146,332	
P& C Engineering (15%)																	\$21,950	100%					\$21,950	
Emergency Vehicle Pre-emption																	\$750	100%					\$750	
P& C Engineering (15%)																	\$113	100%					\$113	
IL 56 at 22nd St	\$94,702	80%	\$17,757	15%											\$5,919	5%							\$118,378	
P& C Engineering (15%)	\$14,205	80%	\$2,664	15%											\$888	5%							\$17,757	
Emergency Vehicle Pre-emption															\$750	100%							\$750	
P& C Engineering (15%)															\$113	100%							\$113	
22nd St at Midwest Rd	\$93,359	80%	\$11,670	10%			\$11,670	10%															\$116,699	
P& C Engineering (15%)	\$14,004	80%	\$1,750	10%			\$1,750	10%															\$17,505	
Emergency Vehicle Pre-emption							\$750	100%															\$750	
P& C Engineering (15%)							\$113	100%															\$113	
22nd St at Shops Pl	\$100,847	80%	\$12,606	10%											\$12,606	10%							\$126,059	
P& C Engineering (15%)	\$15,127	80%	\$1,891	10%											\$1,891	10%							\$18,909	
Emergency Vehicle Pre-emption																							\$0	
P& C Engineering (15%)																							\$0	
22nd St at MacArthur	\$99,164	80%	\$12,396	10%											\$12,396	10%							\$123,955	
P& C Engineering (15%)	\$14,875	80%	\$1,859	10%											\$1,859	10%							\$18,593	
Emergency Vehicle Pre-emption															\$0	100%							\$0	
P& C Engineering (15%)															\$0	100%							\$0	
22nd St at Parkview	\$105,176	80%	\$13,147	10%											\$13,147	10%							\$131,470	
P& C Engineering (15%)	\$15,776	80%	\$1,972	10%											\$1,972	10%							\$19,721	
Emergency Vehicle Pre-emption															\$750	100%							\$750	
P& C Engineering (15%)															\$113	100%							\$113	
22nd St at IL 83	\$354,596	80%	\$88,649	20%																			\$443,245	
P& C Engineering (15%)	\$53,189	80%	\$13,297	20%																			\$66,487	
Emergency Vehicle Pre-emption																	\$8,248	100%					\$8,248	
P& C Engineering (15%)																	\$1,237	100%					\$1,237	

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	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	\$	
22nd St at OB Ctr W	\$121,301	80%	\$15,163	10%											\$15,163	10%							\$151,626
P& C Engineering (15%)	\$18,195	80%	\$2,274	10%											\$2,274	10%							\$22,744
Emergency Vehicle Pre-emption															\$3,810	100%							\$3,810
P& C Engineering (15%)															\$572	100%							\$572
22nd St at OB Ctr E	\$159,602	80%	\$19,950	10%											\$19,950	10%							\$199,503
P& C Engineering (15%)	\$23,940	80%	\$2,993	10%											\$2,993	10%							\$29,925
Emergency Vehicle Pre-emption															\$3,905	100%							\$3,905
P& C Engineering (15%)															\$586	100%							\$586
22nd St at Spring Rd	\$212,393	80%	\$39,824	15%											\$13,275	5%							\$265,491
P& C Engineering (15%)	\$31,859	80%	\$5,974	15%											\$1,991	5%							\$39,824
Emergency Vehicle Pre-emption															\$3,988	100%							\$3,988
P& C Engineering (15%)															\$598	100%							\$598
22nd St at McDonald	\$106,294	80%	\$13,287	10%											\$13,287	10%							\$132,868
P& C Engineering (15%)	\$15,944	80%	\$1,993	10%											\$1,993	10%							\$19,930
Emergency Vehicle Pre-emption															\$750	100%							\$750
P& C Engineering (15%)															\$113	100%							\$113
22nd St at Enterprise	\$101,780	80%	\$12,723	10%											\$12,723	10%							\$127,225
P& C Engineering (15%)	\$15,267	80%	\$1,908	10%											\$1,908	10%							\$19,084
Emergency Vehicle Pre-emption															\$750	100%							\$750
P& C Engineering (15%)															\$113	100%							\$113
22nd St at York Rd	\$126,192	80%	\$15,774	10%											\$15,774	10%							\$157,740
P& C Engineering (15%)	\$18,929	80%	\$2,366	10%											\$2,366	10%							\$23,661
Emergency Vehicle Pre-emption															\$750	100%							\$750
P& C Engineering (15%)															\$113	100%							\$113
Interconnect/Fiber	\$126,792	80%	\$31,698	20%																			\$158,490
P& C Engineering (15%)	\$19,019	80%	\$4,755	20%																			\$23,774
TOTAL	\$12,386,173		\$2,561,949		\$31,795		\$187,402		\$124,772		\$2,560		\$132,395		\$172,145		\$178,630		\$107,295		\$159,850		\$16,044,966

NOTE: Local participation shall be predicated upon the percentages shown above for the specified work. Local Agency cost shall be determined by multiplying the final quantities times contract unit price plus the percentage shown for construction and/or preliminary engineering UNLESS otherwise noted.