

EXHIBIT "B"
100% ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST
CSAH 52 AT XYLITE STREET, 101ST AVE - ANOKA COUNTY

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST	TOTAL		SAP 002-652-007 (ANOKA COUNTY)		SAP 002-652-008 (ANOKA COUNTY)		SAP 106-020-035 (CITY OF BLAINE)			
						ROAD	AMOUNT	ROAD	AMOUNT	ROAD	AMOUNT	STORM	AMOUNT
				QUANTITY	AMOUNT								
2021.501	MOBILIZATION	LUMP SUM	\$ 23,000.00	1	\$23,000.00	0.1	\$2,300.00	0.2	\$4,600.00	0.7	\$16,100.00		
2101.505	CLEARING	ACRE	\$ 6,000.00	0.15	\$ 900.00					0.15	\$900.00		
2101.505	GRUBBING	ACRE	\$ 5,000.00	0.15	\$ 750.00					0.15	\$750.00		
2104.502	REMOVE CASTING	EACH	\$ 250.00		\$ 250.00							1	\$250.00
2104.502	REMOVE SIGN TYPE C	EACH	\$ 65.00	8	\$ 520.00			6	\$390.00	2	\$130.00		
2104.502	REMOVE SIGN TYPE SPECIAL	EACH	\$ 75.00	2	\$ 150.00					2	\$150.00		
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	\$ 1.50	1360	\$ 2,040.00			140	\$210.00	1220	\$1,830.00		
2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	\$ 15.00		\$ 420.00							28	\$420.00
2104.503	REMOVE CURB & GUTTER	LIN FT	\$ 5.00	580	\$ 2,900.00			90	\$450.00	490	\$2,450.00		
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$ 5.50	350	\$ 1,925.00			35	\$192.50	315	\$1,732.50		
2104.518	REMOVE BITUMINOUS WALK	SQ FT	\$ 1.50	640	\$ 960.00					640	\$960.00		
2104.518	REMOVE CONCRETE WALK	SQ FT	\$ 1.50	2440	\$ 3,660.00					2440	\$3,660.00		
2104.518	REMOVE CONCRETE MEDIAN	SQ FT	\$ 1.50	200	\$ 300.00			200	\$300.00				
2106.507	EXCAVATION - COMMON (P)	CU YD	\$ 12.00	678	\$ 8,136.00					678	\$8,136.00		
2106.507	COMMON EMBANKMENT (CV) (P)	CU YD	\$ 7.00	290	\$ 2,030.00					290	\$2,030.00		
2118.507	AGGREGATE SURFACING (CV) CLASS 1 (P)	CU YD	\$ 45.00	5	\$ 225.00					5	\$225.00		
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	\$ 35.00	391	\$ 13,685.00			21	\$735.00	370	\$12,950.00		
2302.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	\$ 20.00	52	\$ 1,040.00					52	\$1,040.00		
2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$ 2.50	83	\$ 207.50			7	\$17.50	76	\$190.00		
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	\$ 75.00	302	\$ 22,650.00			14	\$1,050.00	288	\$21,600.00		
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (3,C)	TON	\$ 70.00	7	\$ 490.00			7	\$490.00				
2501.502	12" RC PIPE APRON	EACH	\$ 900.00		\$ 900.00							1	\$900.00
2501.602	TRASH GUARD FOR 12" PIPE APRON	EACH	\$ 300.00		\$ 300.00							1	\$300.00
2503.503	12" RC PIPE SEWER DES 3006 CL V	LIN FT	\$ 50.00		\$ 2,200.00							44	\$2,200.00
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	\$ 1,000.00		\$ 1,000.00							1	\$1,000.00
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	\$ 1,400.00		\$ 1,400.00							1	\$1,400.00
2504.602	RELOCATE HYDRANT & VALVE	EACH	\$ 6,000.00	1	\$ 6,000.00					1	\$6,000.00		
2504.602	ADJUST VALVE BOX-WATER	EACH	\$ 250.00	3	\$ 750.00					3	\$750.00		
2506.502	CASTING ASSEMBLY	EACH	\$ 800.00		\$ 2,400.00							3	\$2,400.00
2506.502	ADJUST FRAME & RING CASTING	EACH	\$ 550.00	1	\$ 550.00					1	\$550.00		
2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	\$ 500.00		\$ 1,450.00							2.9	\$1,450.00
2506.503	CONST DRAINAGE STRUCTURE DESIGN SPEC 1	LIN FT	\$ 300.00		\$ 900.00							3	\$900.00
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	\$ 900.00		\$ 900.00							1	\$900.00
2521.518	4" CONCRETE WALK	SQ FT	\$ 7.00	2770	\$ 19,390.00					2770	\$19,390.00		
2521.518	6" CONCRETE WALK	SQ FT	\$ 9.00	1140	\$ 10,260.00			30	\$270.00	1110	\$9,990.00		
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	\$ 23.00	590	\$ 13,570.00					590	\$13,570.00		
2531.503	CONCRETE CURB & GUTTER DESIGN B618 (MOD)	LIN FT	\$ 27.00	280	\$ 7,560.00					280	\$7,560.00		
2531.618	TRUNCATED DOMES	SQ FT	\$ 50.00	156	\$ 7,800.00					156	\$7,800.00		
2540.602	RELOCATE MAIL BOX	EACH	\$ 50.00	1	\$ 50.00					1	\$50.00		
2554.502	GUIDE POST TYPE B	EACH	\$ 60.00		\$ 60.00							1	\$60.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 14,000.00	1	\$ 14,000.00	0.1	\$1,400.00	0.2	\$2,800.00	0.7	\$9,800.00		
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	\$ 115.00	48	\$ 5,520.00			20	\$2,300.00	28	\$3,220.00		
2564.502	OBJECT MARKER TYPE X4-2	EACH	\$ 80.00	2	\$ 160.00			2	\$160.00				
2564.518	SIGN PANELS TYPE C	SQ FT	\$ 39.00	94.5	\$ 3,685.50			46	\$1,794.00	48.5	\$1,891.50		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM	LUMP SUM	\$ 9,000.00	1	\$ 9,000.00					1	\$9,000.00		
2565.501	TRAFFIC CONTROL INTERCONNECT	LUMP SUM	\$ 15,000.00	1	\$ 15,000.00			1	\$15,000.00				
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM A	SYSTEM	\$ 195,000.00	1	\$ 195,000.00			0.25	\$48,750.00	0.75	\$146,250.00		
2565.616	REVISE SIGNAL SYSTEM B	SYSTEM	\$ 45,000.00	1	\$ 45,000.00	1	\$45,000.00						
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 170.00	1	\$ 170.00					1	\$170.00		
2573.502	CULVERT END CONTROLS	EACH	\$ 150.00	1	\$ 150.00					1	\$150.00		
2573.503	SILT FENCE, TYPE MS	LIN FT	\$ 2.00	720	\$ 1,440.00					720	\$1,440.00		
2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$ 5.00	470	\$ 2,350.00					470	\$2,350.00		
2574.508	FERTILIZER TYPE 3	POUND	\$ 1.00	83	\$ 83.00					83	\$83.00		
2575.505	SEEDING	ACRE	\$ 390.00	0.4	\$ 156.00					0.4	\$156.00		
2575.508	SEED MIXTURE 25-121	POUND	\$ 5.00	15	\$ 75.00					15	\$75.00		
2575.523	RAPID STABILIZATION METHOD 3	M GALLON	\$ 260.00	3	\$ 780.00					3	\$780.00		
2575.604	ROLLED EROSION PREVENTION CATEGORY 35	SQ YD	\$ 4.00	1100	\$ 4,400.00					1100	\$4,400.00		
2581.503	REMOVABLE PREFORM PAVEMENT MARKING TAPE	LIN FT	\$ 1.10	4500	\$ 4,950.00			2850	\$3,135.00	1650	\$1,815.00		
2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	\$ 2.20	280	\$ 616.00			280	\$616.00				
2582.503	4" SOLID LINE MULTI COMP	LIN FT	\$ 1.20	275	\$ 330.00					275	\$330.00		
2582.503	4" DBLE SOLID LINE MULTI COMP	LIN FT	\$ 0.80	1225	\$ 980.00					1225	\$980.00		
2582.503	24" SOLID LINE PREFORM THERMO	LIN FT	\$ 25.00	250	\$ 6,250.00			110	\$2,750.00	140	\$3,500.00		
2582.518	PAVT MSSG PREF THERMO	SQ FT	\$ 55.00	216	\$ 11,880.00			124	\$6,820.00	92	\$5,060.00		
2582.518	CROSSWALK PREF THERMO	SQ FT	\$ 14.00	903	\$ 12,642.00			558	\$7,812.00	345	\$4,830.00		
	TOTAL				\$ 498,296.00		\$48,700.00		\$100,642.00		\$336,774.00		\$12,180.00
Non-prorated subtotal					\$461,296.00		\$45,000.00		\$93,242.00		\$310,874.00		\$12,180.00

SAP 002-652-008 - CSAH 52 @ Xylite Signal - FUNDING SPLITS							
	PROJECT TOTALS	ANOKA COUNTY TOTALS	ANOKA COUNTY STATE AID FUNDS	ANOKA COUNTY LOCAL FUNDS	CITY OF BLAINE TOTALS	CITY OF BLAINE STATE AID FUNDS	CITY OF BLAINE LOCAL FUNDS
ROADWAY	\$486,116.00	\$149,342.00	\$149,342.00		\$336,774.00	\$336,774.00	
DRAINAGE (100% Blaine)	\$12,180.00				\$12,180.00		
CONSTRUCTION TOTAL	\$498,296.00	\$149,342.00	\$149,342.00		\$348,954.00	\$348,954.00	
8% CONSTRUCTION ENGINEERING	\$39,863.68	\$11,947.36	\$11,947.36		\$27,916.32	\$27,916.32	
DESIGN ENGINEERING	\$61,308.00				\$61,308.00		\$61,308.00
RIGHT OF WAY ACQUISITION	\$19,509.00				\$19,509.00		\$19,509.00
COUNTY FURNISHED SIGNAL ITEMS	\$30,000.00	\$7,500.00	\$7,500.00		\$22,500.00	\$22,500.00	
PROJECT TOTAL	\$648,976.68	\$168,789.36	\$168,789.36		\$480,187.32	\$399,370.32	\$80,817.00