

LOCAL FORCE ACCOUNT (LFA)-LOCAL UNIT COST ANALYSIS  
 INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION  
 DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE  
 STATE PROJECT I.D.# 2984-33-90  
 WEST EDGERTON AVENUE  
 SOUTH 20TH STREET TO SOUTH 13TH STREET  
**SUMMARY COST ESTIMATE - TRAFFIC SIGNALS**

ITEM	DESCRIPTION	UNIT	QUANTITY	Material	QUANTITY x MATERIAL	Equipment	QUANTITY x EQUIPMENT	Labor	QUANTITY x LABOR	Unit Cost	TOTAL COST
71064RL	112 RED LED MODULE	EACH	8	\$43.91	\$351.28	\$2.36	\$18.88	\$39.59	\$316.72	\$85.86	\$686.88
71064YL	112 YELLOW LED MODULE	EACH	8	\$46.49	\$371.92	\$2.36	\$18.88	\$39.59	\$316.72	\$88.44	\$707.52
71064GL	112 GREEN LED MODULE	EACH	8	\$84.30	\$674.40	\$2.36	\$18.88	\$39.59	\$316.72	\$126.26	\$1,010.08
71066LC	DW-W COMBO 12" SIG. HOUS. W/ LED MODULE	EACH	4	\$234.80	\$939.20	\$7.08	\$28.32	\$197.96	\$791.84	\$439.84	\$1,759.36
71072RL	18 RED LED MODULE	EACH	4	\$40.50	\$162.00	\$2.36	\$9.44	\$39.59	\$158.36	\$82.45	\$329.80
71072YL	18 YELLOW LED MODULE	EACH	4	\$43.07	\$172.28	\$2.36	\$9.44	\$39.59	\$158.36	\$85.02	\$340.08
71072GL	18 GREEN LED MODULE	EACH	4	\$54.59	\$218.36	\$2.36	\$9.44	\$39.59	\$158.36	\$96.54	\$386.16
71125	PUSH BUTTON MUSHROOM HEAD (ADA 2")	EACH	2	\$36.47	\$72.94	\$4.71	\$9.42	\$79.18	\$158.36	\$120.36	\$240.72
71156	LEAD IN CABLE (PROBE)	FOOT	150	\$0.08	\$12.00	\$0.07	\$10.50	\$1.77	\$265.50	\$1.92	\$288.00
71171	12#14 LTP	FOOT	75	\$0.39	\$29.25	\$0.07	\$5.25	\$1.77	\$132.75	\$2.23	\$167.25
71172	17#14LTP	FOOT	285	\$0.54	\$153.90	\$0.07	\$19.95	\$1.77	\$504.45	\$2.38	\$678.30
71173	20#14 LTP	FOOT	380	\$0.64	\$243.20	\$0.07	\$26.60	\$1.77	\$672.60	\$2.48	\$942.40
90030B	INSTALL 3#4/1#8 LTP UNDERGROUND CABLE	LF	80	\$1.49	\$119.20	\$0.03	\$2.40	\$1.74	\$139.20	\$3.26	\$260.80
90030Q	INSTALL 2.5" PVC CONDUIT (TRENCH)	LF	210	\$0.45	\$94.50	\$0.21	\$44.10	\$5.74	\$1,205.40	\$6.40	\$1,344.00
90005GQ	INSTALL RECTANGULAR VAULT	EACH	4	\$124.13	\$496.52	\$2.08	\$8.32	\$106.58	\$426.32	\$232.79	\$931.16

**TOTAL COST**  
MATERIAL  
 \$4,110.95

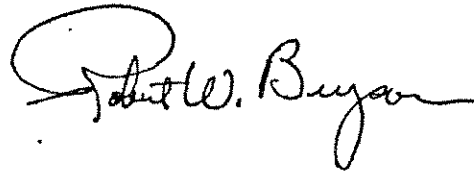
**TOTAL COST**  
EQUIP  
 \$239.82

**TOTAL COST**  
LABOR  
 \$5,721.66

**OVERALL**  
TOTAL COST  
 \$10,072.51

ESTIMATED COST OF 2006 PAVING PROGRAM

APPROVED BY:



ROBERT W. BRYSON  
 TRAFFIC & LIGHTING ENGINEER V

TRANSPORTATION SECTION  
 TRAFFIC & LIGHTING DESIGN UNIT  
 JOSEPH A. BONDOWSKI

Revised:

November 6, 2006

INFRASTRUCTURE SERVICES DIVISION  
 DEPARTMENT OF PUBLIC WORKS  
 STATE PROJECT I.D.#2894-33-90  
 2006 SURFACE TRANSPORTATION PROGRAM  
 W. EDGERTON AV. - S. 13th ST. TO S. 20th ST.

TRAFFIC SIGNS

<u>COST ESTIMATE</u>											TOTAL
<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>MATERIAL COST</u>	<u>MATERIAL QUAN COST</u>	<u>EQUIPMENT COST</u>	<u>EQUIPMENT QUAN COST</u>	<u>LABOR COST</u>	<u>LABOR QUAN COST</u>	<u>UNIT COST</u>	<u>ITEM COST</u>	
73000	30 X 30 STOP	18	40.51	729.18	0.34	6.12	11.74	211.32	\$52.59	\$946.62	
73005	6 X 12 4-WAY	12	4.20	50.4	0.34	4.08	11.74	140.88	\$16.28	\$195.36	
73034	12X18 PARKING-SINGLE MESSAGE	1	9.90	9.9	0.34	0.34	11.74	11.74	\$21.98	\$21.98	
73056	30X30 SCHOOL	1	45.51	45.51	0.34	0.34	11.74	11.74	\$57.59	\$57.59	
73060	24X48 SCHOOL SPEED LIMIT 20 WCAP	1	67.88	67.88	0.34	0.34	11.74	11.74	\$79.96	\$79.96	
73065	30X30 PLAYGROUND	2	35.89	71.78	0.34	0.68	11.74	23.48	\$47.97	\$95.94	
73082	12x36 HAZARD MARKER (RIGHT MOUNT)	14	16.90	236.6	0.34	4.76	11.74	164.36	\$28.98	\$405.72	
73177	24X36 NO TRUCKS 3 TONS OR OVER	2	39.26	78.52	0.34	0.68	11.74	23.48	\$51.34	\$102.68	
73194	24X30 SPEED LIMIT	2	32.85	65.7	0.34	0.68	11.74	23.48	\$44.93	\$89.86	
73294	3' RSP SOCKET	25	19.83	495.75	0.68	17	15.39	384.75	\$35.92	\$898.00	
73295	SOC. (CONC. INST.)	1	9.51	9.51	1.02	1.02	23.09	23.09	\$33.62	\$33.62	
73296	2" X 9'6" PIPE	26	43.14	1121.64	0.14	3.64	3.08	80.08	\$46.36	\$1,205.36	
73310	MOUNTING HARDWARE CP/SS/AP	16	0.00	0	0.14	2.24	3.07	49.12	\$3.21	\$51.36	
73311	MOUNTING HARDWARE PS	38	0.96	36.48	0.14	5.32	3.07	116.66	\$4.17	\$158.46	
73312	SNS MOUNTING CP	14	18.38	257.32	0.14	1.96	3.08	43.12	\$21.60	\$302.40	
73318	GREEN SNS 30"	8	24.66	197.28	0.34	2.72	11.74	93.92	\$36.74	\$293.92	
73319	GREEN SNS 36"	6	28.83	172.98	0.34	2.04	11.74	70.44	\$40.91	\$245.46	
73333	12X24 AHEAD	1	16.20	16.2	0.34	0.34	11.74	11.74	\$28.28	\$28.28	

COST ESTIMATE

2006 SURFACE TRANSPORTATION PROGRAM =  
 THERE ARE NO EXCLUDED COSTS IN THIS PROJECT.

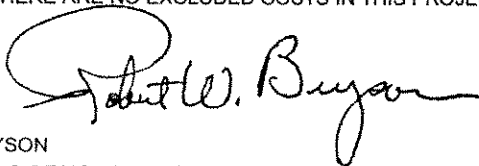
TOTAL COST  
MATERIAL  
 \$3,662.63

TOTAL COST  
EQUIPMENT  
 \$54.30

TOTAL COST  
LABOR  
 \$1,495.14

OVERALL  
TOTAL COST  
 \$5,212.57

APPROVED BY:



ROBERT W. BRYSON  
 STREET LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION  
 TRAFFIC & LIGHTING DESIGN UNIT  
 DALE A. DIETZE  
 NOVEMBER 06, 2006