

CITY OF WASILLA

290 E. HERNING AVE.
WASILLA, ALASKA 99687
PHONE: (907) 373-9050
FAX: (907) 373-0788

INFORMATION MEMORANDUM NO. 91-14

TO: Council
FROM: Mayor
DATE: August 22, 1991
RE: Street Light Installations

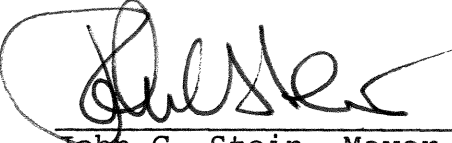
On August 26, 1991, Council will be appropriating \$50,000 for street light installations. The money was provided by State Municipal Grant 6/92-008. The administration has advertised in the Frontiersman and held a public hearing at the Planning Commission to receive nominations for street lights. The Planning Commission has accepted the unprioritized list of 50 lights at their August 13 meeting.

Administration has prioritized the 50 lights using the criteria of school bus stops, citizen requests, traffic volume, security/safety needs and cost of installations. As expected, costs are running about \$1,500 per light to install. With the City contribution of \$10,000 the total of \$60,000 available will provide about 40 new lights.

Administration has ordered the installation of the 31 highest priority lights for this fall. The lights will be installed by MEA under their regulated tariff schedule. Total cost of the order is estimated at \$44,863.

Additional lights will be installed in the spring using the remaining \$15,000 after the priorities are again reviewed.

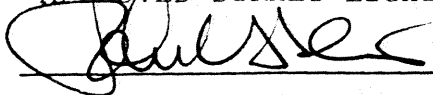
The prioritized list, worksheets and MEA's quote are attached.



John C. Stein, Mayor

Approved AS AMENDED
8/26/91

APPROVED STREET LIGHT INSTALLATIONS - 8/22/91



John C. Stein, Mayor

<u>Priority Number</u>	<u>List Number</u>	<u>Location</u>	<u>MEA Cost</u>	<u>Tally</u>
1	49	Lucille/Vincent	\$1,014	1
2	25	Nelson/Graybark	1,524	2
3	47	Seward Meridian/Naomi	3,028	3
4	41	Eden/Althea	1,014	4
5	40	Vixen/Ravenswood	714	5
6	33	Crusey/Westpoint	3,028	6
7	43	Glenwood/Thomas	1,014	7
8	34	Crusey/Swanson	1,895	8
9	26	Spruce/Centurion	1,014	9
10	21	Crestwood/Ponderosa West	714	10
11	15	Lucus/Melanie	1,014	11
12	11	Nelson/Lucus	1,524	12
13	24	Ponderosa/Pinion	1,014	13
14	9	Southway/Vaunda	714	14
15	3	Church/Success	1,524	15
16	42	Glenwood/Creekside	1,524	16
17	37	KGB/Enter Way	2,671	17
18	35	Delwood N. W. Circle	1,524	18
19	30	Wasilla Fishhook/Wampum	1,711	19
20	22	Crestwood/Fanciful	1,524	
		(Delay-Close to Priority #10)		
21	20	Crestwood/Cache	1,014	20
22	19	Holiday/Winter	1,524	21
23	12	Nelson/Lone Cub	3,156	
		(Delay-Close to Priority #12)		
24	8	Kimberly/ ^{Vaunda} Melanie	1,524	22
25	7	Kimberly/Melanie	1,524	23
26	6	Success/Melanie	1,524	24
27	36	Lake/Susitna	1,014	25
28	28	Spruce/Fishhook	1,524	26
29	23	Crestwood/Ponderosa E.	1,014	27
30	16	Lucus/Cache	1,651	28
31	1	Sam Snead/Youngtree	2,133	29
32	31	Wasilla Fishhook/Snohomish	1,524	30
33	29	Carpenter Circle East	714	31
Total			\$44,863	31

(Average Cost Per Light - \$1,447)

Add: CORNER SAM SNEAD & ARNOLD PALMER
CORNER PARK STREET & LAKE STREET

STREET LIGHT PRIORITIES 1991

1 of 2

Property 2
3
4
5 TRIBE
SPT

NO.	LOCATION	BUS	REQ.	TRAF.	SEC.	COST	TOTAL	RANK
1	SAM SNEAD / VONK-TREE	5	1	2	2	3	14	31
2	AROLD PALMER / MISSION	1	1	2	1	3	8	46
3	CHURCH RD / SUCCESS	5	1	4	1	5	16	15
4	" / MYSTERY	1	1	2	1	2	7	48
5	" / SPRUCE	1	1	3	1	2	8	45
6	SUCCESS / MELANIE	5	1	2	3	4	15	26
7	KIMBERLEY / MELANIE	5	1	2	3	4	15	25
8	KIMBERLEY / VAUNDA	5	1	2	3	4	15	24
9	SOUTHWAY / VAUNDA	5	1	2	3	5	16	14
10	PARKS / DESIGAS	1	1	5	1	3	11	38
11	NELSON / LUCUS	5	1	4	3	4	17	12
12	NELSON / LOWE CUB	5	1	4	3	2	15	23
13	NELSON / ROBIN	1	1	3	3	4	12	34
14	LUCUS / VAUNDA	3	1	3	1	2	10	41
15	" / MELANIE	5	1	3	3	5	17	11
16	" / CACHE	5	1	3	1	4	14	30
17	" / SPRUCE	1	1	2	1	2	7	47
18	" / WINTER	1	1	2	3	4	11	37
19	HOLIDAY / WINTER	5	1	2	3	4	15	22
20	CRESTWOOD / CACHE	3	1	3	3	5	15	21
21	" / POWDEROSA W.	5	1	3	3	5	17	10
22	" / FAUCIUL	5	1	3	2	4	15	20
23	" / POWDEROSA E	2	1	3	3	5	14	29
24	POWDEROSA / PINION	5	1	2	3	5	16	13
25	NELSON / GRAYBACK	5	5	3	4	4	21	2

COST
2133
1524
1524
1524
74
2470
1524
3186
1524
1014
165
1524
1014
74
1524
1014
1014
1524

clerk
Clock
H 21

CODE	POINTS	1	2	3	4	5	HIGH RANK
BUS BUS STOP?	NO	1	YES	5			
REQ. CITIZEN REQUESTS	NONE	1	MANY	5			
TRAF TRAFFIC VOLUME	LOW	1	HIGH	5			
SEC SECURITY PROBLEMS	NONE	1	MANY	5			
COST CAPITAL COST	\$4000	1	\$1000	5			

STREET LIGHT PRIORITIES 1991

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NO.	LOCATION	BUS	REQ.	TRAF.	SEC.	COST	TOTAL	RANK	COST
26	SPROUCE / CENTURIAN	5	1	3	3	5	17	9	1014
27	" / LACTIA (E-)	1	1	3	2	3	10	44	2123
28	" / FISHHOOK	1	1	5	3	4	14	28	1524
29	CARPENTER CIRC E.	1	1	1	5	5	13	33	713
30	LASILIA FISH / WAMPAM	3	1	4	3	4	15	19	1711
31	" / SWANSMITH	1	1	4	3	4	13	32	1524
32	" / SPROUCE	1	1	4					DUPLICATE
33	CROSSEN / WESTPOINT	5	1	5	5	2	18	6	3628
34	" / SWANSON	3	1	5	5	3	17	8	1595
35	DELOWOOD / NW Circle	5	1	1	4	4	15	18	1524
36	Lake / Suzanna	1	3	1	4	5	14	27	1014
37	KGB / Enter	5	1	4	3	2	15	17	2671
38	" / Minnetonka	1	1	4	3	3	12	36	2092
39	" / Lakewood	1	1	4					STATE TO BUILD
40	Vixen / Ravanswood	5	1	3	4	5	18	5	714
41	Eden / Althea	5	1	3	4	5	18	4	1014
42	Glenwood / Greenbide	5	1	2	3	4	15	16	1524
43	" / Thomas	5	1	3	3	5	17	7	1014
44	" / Old Mat	1	1	4	2	2	10	43	322
45	Old Mat / Southview	1	1	3	3	3	11	40	2446
46	" / Enterprise	1	1	2	3	3	10	42	2446
47	Seward Meerd / Naomi	5	5	3	3	2	17	3	3628
48	" / Whipperry Hill	1	1	3	3	4	12	35	1524
49	Vincent / Lucille	5	5	4	4	5	23	1	1014
50	KGB / Endeavor	1	2	3	2	3	11	39	

CODE


BUS BUS STOP?
 REQ. CITIZEN REQUESTS
 TRAF TRAFFIC VOLUME
 SEC SECURITY PROBLEMS
 COST CAPITAL COST

POINTS

NO
 NONE
 LOW
 NONE
 \$4000

1 LOW 2-3-4 - 5 HIGH RANK

YES 5
 MANY 5
 HIGH 5
 MANY 5
 \$1000 5



**Matanuska Electric
Association, Inc.**

P.O. Box 2929
Palmer, Alaska 99645
Telephone: (907) 745-3231
Fax: (907) 745-9328

RECEIVED
AUG 21 1991
City of Wasilla, Alaska

August 20, 1991

Mr. John C. Stein
Mayor
City of Wasilla
290 E. Herning Ave.
Wasilla, AK 99687

Dear Mr. Stein:

SUBJECT: Street Lighting cost estimates

We have completed the designs and cost estimates for providing street lighting to 47 locations. I have attached a summary sheet that lists the intersection to be illuminated, MEA pole number, the quadrant at which the light will be placed, the service type, and the estimated cost.

MEA has two categories of light installations: Tariff and non-Tariff. The costs for some of the more common light installations are covered by our Tariff. Those locations that fit into this category are shown on my summary with costs in the Tariff column. Other "custom" light installations are estimated on a case-by-case basis and are termed non-Tariff in my summary.

For non-Tariff lights, if the actual costs are less than the estimated costs, the difference will be refunded. In the case of Tariff lights, no refunds will be made.

In most cases, the quadrant of choice was self-evident. However, there are several intersections where the light could be in several possible locations. If you would prefer a location different from what I have proposed, please let me know and I can determine if a change will affect the cost.

At location #1, I will need to know where in particular you would like the light to be. As noted in the list, the cost would be the same at any of the four possible locations.

The state is proposing to install lights at various intersections around the Mat-Su valley next year. One of these locations is at Knik-Goose Bay Road and Lakewood Drive. Since they will be lighting this intersection, I have not made a design or cost estimate for this location.


We presently do not have enough lights in stock to complete this project, so additional material will have to be ordered. Since it can take as long as 4 weeks for delivery, we will need to know how

Mr. John Stein
August 20, 1991
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many lights to order as soon as possible. Please give us a commitment in writing as to how many locations you would like this year. Bear in mind that there may be additional winter charges for non-Tariff lights if installation takes place in the winter.

Please contact me at 892-6021 if you have any further questions.

Sincerely,



Eric Sanford
Engineering Tech III

303F.26EDBL

MATANUSKA ELECTRIC ASSOCIATION, INC
 PROPOSED STREET LIGHT INSTALLATIONS
 PREPARED FOR CITY OF WASILLA, AUGUST 19, 1991

NO.	DESCRIPTION	POLE NUMBER	QUADRANT	SVC TYPE	ESTIMATED COST	
					TARIFF	NON-TARIFF
1	Sam Snead/Youngtree Dr	W57-9-2-5N-4U	ANY	U/G		\$2,133
2	Arnold Palmer/Mission Hills Dr	W57-9-3U	NE	U/G		\$2,133
3	Church Rd/Success	W57-7	NE	Pole	\$1,524	
4	Church Rd/Mystery	W57-13-1	NE	Pole T	\$3,028	
5	Church Rd/Spruce	W57-20	NE	Pole T	\$3,028	
6	Success/Melanie	W41-6N-17	SE	Pole	\$1,524	
7	Kimberly/Melanie	W41-6N-15-1N	SE	Pole	\$1,524	
8	Kimberly/Vaunda	W41-6N-13	NE	Pole	\$1,524	
9	Southway/Vaunda	W41-6N-9A	NE	Light	\$714	
10	Parks Highway/Deskas	W49	NE	U/B T		\$2,470
11	Nelson Ave/Lucas	W41-2AN	NE	Pole	\$1,524	
12	Nelson Ave/Lone Cub	W41-2AN-1-A	NW	Inset		\$3,156
13	Nelson Ave/Robin Cir	W41-2AN-5	NW	Pole	\$1,524	
14	Lucas Rd/Vaunda	W41-5N	SW	Pole T	\$3,028	
15	Lucas Rd/Melanie	W41-8N	NW	U/B		\$1,014
16	Lucas Rd/Cache	W41-17N	NE	Pole + U/B		\$1,651
17	Lucas Rd/Spruce	WW41	N Ctr	Pole T	\$3,028	
18	Lucas Rd/Winter	W41-10AN	NE	Pole + U/B		\$1,651
19	Holiday/Winter	W41-10AN-6	SW	Pole	\$1,524	
20	Crestwood/Cache	WW23-6-13	SW	U/B		\$1,014
21	Crestwood/Ponderosa (West)	WW23-6-11	SW	Light	\$714	
22	Crestwood/Fanciful	WW23-6-10	NW	Pole	\$1,524	
23	Crestwood/Ponderosa (East)	WW23-6-3	SE	U/B		\$1,014
24	Ponderosa/Pinion	WW23-6-3-5	SE	U/B		\$1,014
25	Nelson Ave/Graybark	WN2-8	NW	Pole	\$1,524	
26	Spruce/Centurian	WW32	SW	U/B		\$1,014
27	Spruce/Lacy Lane	WW14A-1U	SE	U/G		\$2,133
28	Spruce/Fishhook	WW23	SW	Pole	\$1,524	
29	Carpenter Circle (East)	WW3	SE	Light	\$714	
30	Wasilla-Fishhook/Wampum	WW8A	SE	Tall Pole		\$1,711
31	Wasilla-Fishhook/Snohomish	WN18A-1	SE	Pole	\$1,524	
32	Wasilla-Fishhook/Spruce	** Duplicate of #28 **				
33	Crusey/Westpoint	W10-4-2	SW	Pole T	\$3,028	
34	Crusey/Swanson	W10-4-2	SW	Long Pole		\$1,895
35	Delwood (Northwest circle)	WE24-3AN-8	NW	Pole	\$1,524	
36	Lake St/Susitna Ave	WB8	NE	U/B		\$1,014
37	Knik-Goose Bay/Enter Way	WB6-4-10-2U	SW	U/G		\$2,671
38	Knik-Goose Bay/Minnetonka Dr	K36A	NW	2 Poles		\$2,092
39	Knik-Goose Bay/Lakewood Dr	** On State list **				
40	Vixen Cir/Ravenswood Loop	F60-5N-6-3-2W-2-4	SW	Light	\$714	
41	Eden Ct/Althea Dr	F60-5N-6-3-2W	SE	U/B		\$1,014
42	Glenwood Ave/Creekside Dr	K7-5A	SE	Pole	\$1,524	
43	Glenwood Ave/Thomas St	K7-7	SW	U/B		\$1,014
44	Glenwood Ave/Old Matanuska Rd	GA15A-5-4	NW	Pole T	\$3,028	
45	Old Matanuska Rd/Southview Dr	F23-10-5W-7-5N	SE	Light T	\$2,446	
46	Old Matanuska Rd/Enterprise Dr	GA15A-14	NW	Light T	\$2,446	
47	Seward Meridian/Naomi	F23-10-11	SW	Pole T	\$3,028	
48	Seward Meridian/Whispering Woods	GA45	SW	Pole	\$1,524	
49	Vincent Cir/Lucille St	WW23-8	SW	U/B		\$1,014
SUBTOTAL					\$50,280	\$32,822
TOTAL					\$83,102	

SVC TYPE LEGEND

Tariff lights

- Light - Add light only
- Light T - Add light and transformer
- Pole - Add light and light pole
- Pole T - Add transformer, light, and light pole

Non-Tariff lights

- U/G - Underground secondary
- U/G T - Underground secondary and transformer
- Inset - Light and transformer on new primary pole
- Pole + U/B - Light, light pole, and underbuild
- U/B - Underbuild service wire
- Tall Pole - Same as Pole, but taller, for additional clearance
- Long Pole - Same as Pole, with additional lift pole
- 2 Poles - Same as Tall Pole, with additional 35-foot lift pole