



MAYOR AND COUNCIL COMMUNICATION

DATE: 2/14/2017

WORK SESSION ITEM

ITEM #: II

AGENDA ITEM: Street Lighting Request – Tana Ridge Development (Lily Avenue)

SUBMITTED BY: Emily Becker, City Planner

THROUGH: Kristina Handt, City Administrator

REVIEWED BY:

BACKGROUND:

Residents of the Tana Ridge development have requested street lights within the development on Lily Avenue. The reason for the street light request is for possible mitigation of recent vandalism within the neighborhood and to offer another level of safety for walkers and drivers at night.

ISSUE BEFORE COUNCIL:

To consider the installation of street lights by the City within the Tana Ridge Development on Lily Avenue North.

PROPOSAL DETAILS/ANALYSIS:

Petition Gathered. Residents of Tana Ridge held a meeting on December 8, 2016, during which the necessity of street lights within the development was discussed. Residents at this meeting signed a petition requesting the City to install the street lights. Ten signatures were gathered in this petition, attached.

Past Practice. Staff conducted research in to similar past requests, and it was found that at least one such request was made in July of 2015. This was a request for a street light at the intersection of TH36 and Highlands Trail, and the reason for the request was to address a safety concern to assist in identifying the intersection location to allow vehicles sufficient braking distances along TH36. Both Public Works and the Fire Chief reviewed the intersection and supported the installation request. The cost of this installation was \$2200.

Lighting Standards. Usually a developer pays for the cost of streetlight installation. There are no standards that require lighting within a development; only standards that regulate lighting.

Quote Received. Staff requested a quote from Xcel for the installation of **four** 30-40W LED cobra fixtures on 30' direct buried fiberglass poles on Lily Avenue, and Xcel provided a quote, which is attached.

1. Standard Service = \$18.31 per mo x 12 mo = \$219.72 x 25 yrs. = \$5,493.00. Xcel Energy maintains this system as long as the customer requests. Xcel Energy will replace the system like for like after 25 years if needed at no additional upfront cost to the customer.
2. Pre-Pay Option = \$4.38 per mo x 12 mo = \$52.56 x 25 yrs. = \$1,314.00 + \$2,968.23 (upfront cost for 1 light) = \$4,282.23. Xcel Energy will only maintain lights for 25 years after this time customer must pay to have new lights installed.

Research in to Vandalism. Staff asked the Sheriff's office to provide the City with a list of calls to this neighborhood over the past 12 months that were vandalism related and solicited feedback about the safety of the neighborhood. Sgt. Jacobson replied with the following comment:" There were no ICR's for any address on Lily Ave. that involve anything close to vandalism. There was one stolen trailer case and lots of "suspicious vehicle" calls, but nothing that turned into anything. Most were vehicles that were either going to or coming from an address in the development. The Lake Elmo deputies do not have any concerns about the area. If residents are seeing stuff and not reporting it they should start calling the sheriff's office so they can get a better handle on any activity in the area.

Staff Feedback. The Public Works Director has driven through the neighborhood to assess its need for streetlights. It is of Staff opinion that:

- Street lights should not be used to prevent vandalism, as they are typically installed to improve safety for motorists and pedestrians, not holding vandals at bay.
- Installing these streetlights would not benefit the greater good of the City, only the residents of Tana Ridge, as Lily Avenue is a dead-end street.
- *Alternative Options.*
 - Perhaps installing a streetlight at the intersection of 50th Street and Lily Avenue, which would serve both traffic and pedestrians on both 50th Street and Lily Avenue would be an option. Staff has asked Xcel for a quote on this and received the following response:
 - An LED cobra fixture fed overhead on the existing wood pole at this intersection could be installed at a cost of approx. \$400.00 upfront.
 - A fiberglass pole fed underground with an LED cobra fixture would be a few thousand dollars upfront.
 - The Homeowner's Association could install the streetlights after applying for and being issued Right-of-Way permits.

FISCAL IMPACT:

The costs associated with this project are outlined above. If the Council decides that the City should pay for the installation of these streetlights, it should also decide if the City should choose the pre-pay or standard installation cost option.

OPTIONS:

Council may:

- Deny the request that the City pay for installation of street lights on Lily Avenue within the Tana Ridge Development.
- Approve installation of one streetlight along 50th Street and Lily Avenue North.

- Approve the request that the City pay for installation of street lights on Lily Avenue within the Tana Ridge Development.

RECOMMENDATION:

For reasons outlined above, Staff does not recommend that the City pay for the installation of the four requested street lights within the Tana Ridge Development on Lily Avenue North. If the Council wishes to **deny** the request, it may do so with the following motion:

“Move to deny the request the City pay for installation of streetlights along Lily Avenue of the Tana Ridge Development.”

The Council may choose to pay for the installation of one streetlight at the intersection of 50th Street North and Lily Avenue North. If the Council wishes to **pay for the installation of this one streetlight**, it may do so with the following motion:

“Move to approve the installation of one streetlight at the intersection of 50th Street North and Lily Avenue North at a cost of either: a) \$400 for an LED cobra fixture fed overhead on the existing wood pole or b) (approximately) \$2,000 for a fiberglass pole fed underground with an LED cobra fixture.”

The Council may choose to **approve** the request for the City to pay for the installation of four streetlights within the Tana Ridge Development. It must also choose the pre-pay installation option or the standard installation cost option.

“Move to approve the installation of four streetlights in the along Lily Avenue of the Tana Ridge Development with the pre-pay installation cost option.”

“Move to approve the installation of four streetlights in the along Lily Avenue of the Tana Ridge Development with the standard installation cost option.”

ATTACHMENTS:

- Email request.
- Xcel quote.

Julie Johnson

To: Adesoro, Angela M
Subject: RE: Street Light 50th Street North and Lily Avenue North

Emily Becker
City Planner
City of Lake Elmo
651-747-3912
ebecker@lakeelmo.org



From: Adesoro, Angela M [<mailto:angela.m.adesoro@xcelenergy.com>]
Sent: Thursday, January 05, 2017 9:12 AM
To: Emily Becker <EBecker@lakeelmo.org>
Subject: RE: Street Light 50th Street North and Lily Avenue North

Good Morning Emily – We could install a LED cobra fixture fed overhead on the existing wood pole at this intersection. It would be approx. \$400.00 upfront. If the City was interested in a fiberglass pole fed underground with a LED cobra fixture it would be a few thousand dollars upfront. Please let me know if you need additional information. Thank you.

Angela

From: Emily Becker [<mailto:EBecker@lakeelmo.org>]
Sent: Wednesday, January 04, 2017 12:49 PM
To: Adesoro, Angela M
Subject: RE: Street Lights on Lily Ave in Tana Ridge Development (Proposal Attached)

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Angela,

I'm also looking for the cost for one street light to be installed along 50th Street North and Lily Avenue North. Least expensive option is fine. Rough quote is fine too, just need to give an idea.

Emily Becker
City Planner
City of Lake Elmo
651-747-3912
ebecker@lakeelmo.org



From: Adesoro, Angela M [<mailto:angela.m.adesoro@xcelenergy.com>]
Sent: Friday, November 11, 2016 2:11 PM
To: Emily Becker <EBecker@lakeelmo.org>
Subject: FW: Street Lights on Lily Ave in Tana Ridge Development (Proposal Attached)

Good Afternoon Emily – The upfront and monthly cost is provided below for our Standard Service Underground and Pre-Pay Option. If the City would like to move forward a contract would be prepared for the upfront cost.

Lily Ave in Tana Ridge Street Light Project:

1. The Standard Service Underground Option upfront installation cost is - \$0.00.
The monthly underground rate (A30) 30-40W(4,000 Lumens) Light Emitting Diode per luminaire is - \$18.31.
Install 4-30-40W LED cobra fixtures on 30' direct buried fiberglass poles.
Install by direct bore approx. 60' of #6 AL DX in 1½" conduit.
Restoration is not included.
2. The Pre-Pay Option upfront installation cost is - \$11,872.90.
The monthly pre-pay option rate (A30) 30-40W (4,000 Lumens) Light Emitting Diode per luminaire is - \$4.38.
Install 4-30-40W LED cobra fixtures on 30' direct buried fiberglass poles.
Install by direct bore approx. 60' of #6 AL DX in 1½" conduit.
Restoration is not included.

Under our Standard Service Option the customer pays for excess footage only. There is a higher monthly fee per luminaire for the electricity and maintenance. Xcel Energy maintains this system as long as the customer requests. Under our Pre-Pay Option the customer pays for the entire project upfront. In return there is a lower monthly fee per luminaire for the electricity and maintenance. Xcel Energy maintains this system for 25 years.

If you have any questions please let me know. Thank you.

Angela Adesoro
Xcel Energy | Responsible By Nature
Project Coordinator, Outdoor Lighting
825 Rice Street, St Paul, MN 55117
P: 651.229.2255 F: 651.229.2596
E: angela.m.adesoro@xcelenergy.com

From: Adesoro, Angela M
Sent: Friday, October 28, 2016 1:42 PM
To: 'Emily Becker'
Subject: RE: Street Lights on Lily Ave in Tana Ridge Development

Good Afternoon Emily – Yes, I can provide you a bid for Lily Ave. If any additional information is needed I will let you know. Thank you!

Angela Adesoro

Xcel Energy | Responsible By Nature
Project Coordinator, Outdoor Lighting
825 Rice Street, St Paul, MN 55117
P: 651.229.2255 F: 651.229.2596
E: angela.m.adesoro@xcelenergy.com

From: Emily Becker [<mailto:EBecker@lakeelmo.org>]
Sent: Thursday, October 27, 2016 1:45 PM
To: Adesoro, Angela M
Subject: FW: Street Lights on Lily Ave in Tana Ridge Development

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Angela,

Would I be able to get another quote for street lights on Lily Avenue within the City? This is off of 50th Street in the City towards the northeastern portion of the City. Residents are looking for pricing for 3-4 street lights (we would probably go with the LED cobra design similar to the ones we had in Tablyn Park as they were the most cost-effective). Please let me know what more I would need to do to obtain a quote for this.



Emily Becker
City Planner
City of Lake Elmo
651-747-3912
ebecker@lakeelmo.org



From: Delaney Berger [<mailto:delaneyberger@me.com>]
Sent: Thursday, October 27, 2016 1:37 PM
To: Emily Becker <EBecker@lakeelmo.org>
Subject: Re: Street Lights on Lily Ave in Tana Ridge Development

Emily we are having a meeting with the members on December 8th to discuss feasibility.

Once that meeting is over and it is clear that everyone is in favor we will proceed with your request and collect petition.

Short version is that there has been a lot of vandalism in the neighborhood. Additionally the lighting offers another level of safety for walkers and drivers at night as the area is used heavily by both human and animal traffic.

We were thinking about 3 to 4 lights and mostly are open minded as to where the lights would be installed as long as it generally covers Lily ave N.

Please proceed with the quote. Is this something that the city would pay for or is it expected that the association would have to?

Respectfully, Delaney

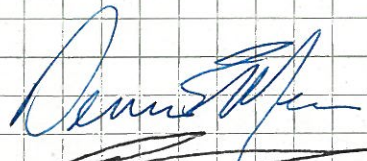
2016 DEC 8th Home Annex Board Meeting

TANA Ridge Petition for street lights 4-6 lights

SAFETY CONCERNS

DENNIS MEISSNER

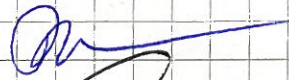
BOB SUPER



4830 Lily Ave N.

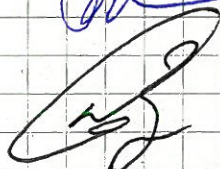
4605 LILY AVE. N

Brad Klepac



4847 Lily Ave N

Delaney Berger



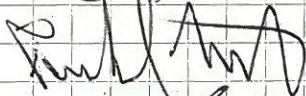
4703 Lily Ave N

DAN FEDOROWSKI



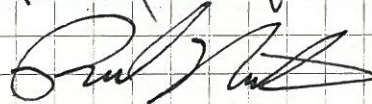
4964 Lily Ave N.

RANDAL NEWTON




4731 Lily Ave N

Paul Nielsen



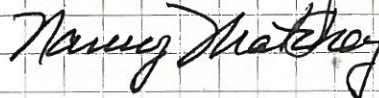
4819 Lily Ave N.

MICHELLE DEERING



4937 Lily Ave N.

NANCY MATCHER



4905 Lily Ave

RON & RITA GARCIA

Proxy representation

Lily Ave.