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DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Michael S. Hardy, Assistant City Traffic Engineer
Date: April 3, 2020
Re: 2020 Street Light Infill CIP (Page 568 of 2020 Adopted Budget)

Included in the 2020 budget is a Capital Improvements Program (CIP) titled *Street Light Infill Projects* (see attached). The project identifies funding in 2020 and 2021 to install street lighting on urbanized roadways that are not currently lit.

One of the projects funded in 2020 includes the installation of street lighting on Roemer Road, between Glendale Avenue and Winslow Avenue. However, in an effort to find cost efficiencies, staff is proposing to delay the installation of the Roemer Road street lighting until 2021, when it can be combined with a separate scheduled safety project at Northland Avenue/Roemer Road.

Correspondingly, we propose to move up a 2021 project to take the place of the Roemer Road project. Therefore, the following changes are requested to this approved budget item:

- Eliminate: 2020: Roemer Road from Glendale Avenue to Winslow Av (~7 lights, \$28,000, underground)
- Move up to 2021: Astor Lane and Tuckaway Lane (~6 lights, \$22,000, underground)

CITY OF APPLETON 2020 BUDGET CAPITAL IMPROVEMENTS PROGRAM PROJECT REQUEST

IDENTIFICATION	
Project Title:	Street Light Infill Projects

PROJECT DESCRIPTION	
Justification:	
<p>While the City's Street Lighting Policy requires that all urbanized city streets be lit, the streets identified below are either completely or partially unlit for unknown reasons, which presents concerns for public safety and is inconsistent with our normal standards. This request would provide funding to install street lights on the identified streets in various locations throughout the city. For the sake of consistency and cost effectiveness, the proposed lights would be installed by and leased from WE Energies.</p> <ul style="list-style-type: none"> - 2020: Winslow Av from Conkey St to Zuehlke Dr (~5 lights, \$20,000, underground) - 2020: Progress Dr from Winslow Dr to Capitol Dr (~4 lights, \$16,000, underground) - 2020: Roemer Rd from Glendale Av to Winslow Av (~7 lights, \$28,000, underground) - 2020: Capitol Dr from Marshall Rd to Conkey St (~3 lights, \$12,000, underground) - 2021: Astor Ln and Tuckaway Ln (~3 lights, \$22,000, underground) 	
Discussion of operating cost impact:	
<p>The cost to lease these lights from WE Energies would be approximately \$180/light/year.</p>	

DEPARTMENT COST SUMMARY						
DEPARTMENT PHASE	2020	2021	2022	2023	2024	Total
Public Works Additional Street Lights	77,331	23,331	-	-	-	\$ 100,663
Total - Public Works Capital Projects Fund	\$ 77,331	\$ 23,331	\$ -	\$ -	\$ -	\$ 100,663

COST ANALYSIS						
Components	Estimated Cash Flows					Total
	2020	2021	2022	2023	2024	
Planning	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-
Construction	76,000	22,000	-	-	-	98,000
Other	1,331	1,331	-	-	-	2,663
Total	\$ 77,331	\$ 23,331	\$ -	\$ -	\$ -	\$ 100,663
Operating Cost Impact	\$ 2,160	\$ 3,420	\$ -	\$ -	\$ -	\$ 5,580