



Memorandum

To: Village President and Board of Trustees

Through: Carl Goldsmith, Director of Public Works *g*

From: Tom Ellis, Operations Superintendent

Date: April 27, 2022

Subject: Street Light Pole Replacement.

The Public Works Department Street and Electrical Group has identified deterioration concerns with steel street light poles installed on St. Charles Road and Westmore/Meyers Road. Comprehensive pole inspections have revealed that the 30-40 year old steel light poles have a considerable amount of corrosion (rust) near the base of the light poles. Similar deterioration issues have been found with the concrete street light poles on Highland Avenue, south of 22nd street and 22nd street (Finley Road to Highland Avenue). Staff would like to begin replacing these poles and upgrading the light fixtures before the structural integrity of the poles worsens and they become unsafe.

Staff has developed a plan to replace 229 steel and concrete poles with spun aluminum poles, mast arms and L.E.D. light heads in accordance with the Village Board of Trustees' Street Light Policy. Staff is anticipating the installation of the poles in late 2022 and into 2023 with Public Works Department employees and equipment. Staff will re-install existing LED light heads from 22nd Street and Highland Avenue onto the new street light poles.

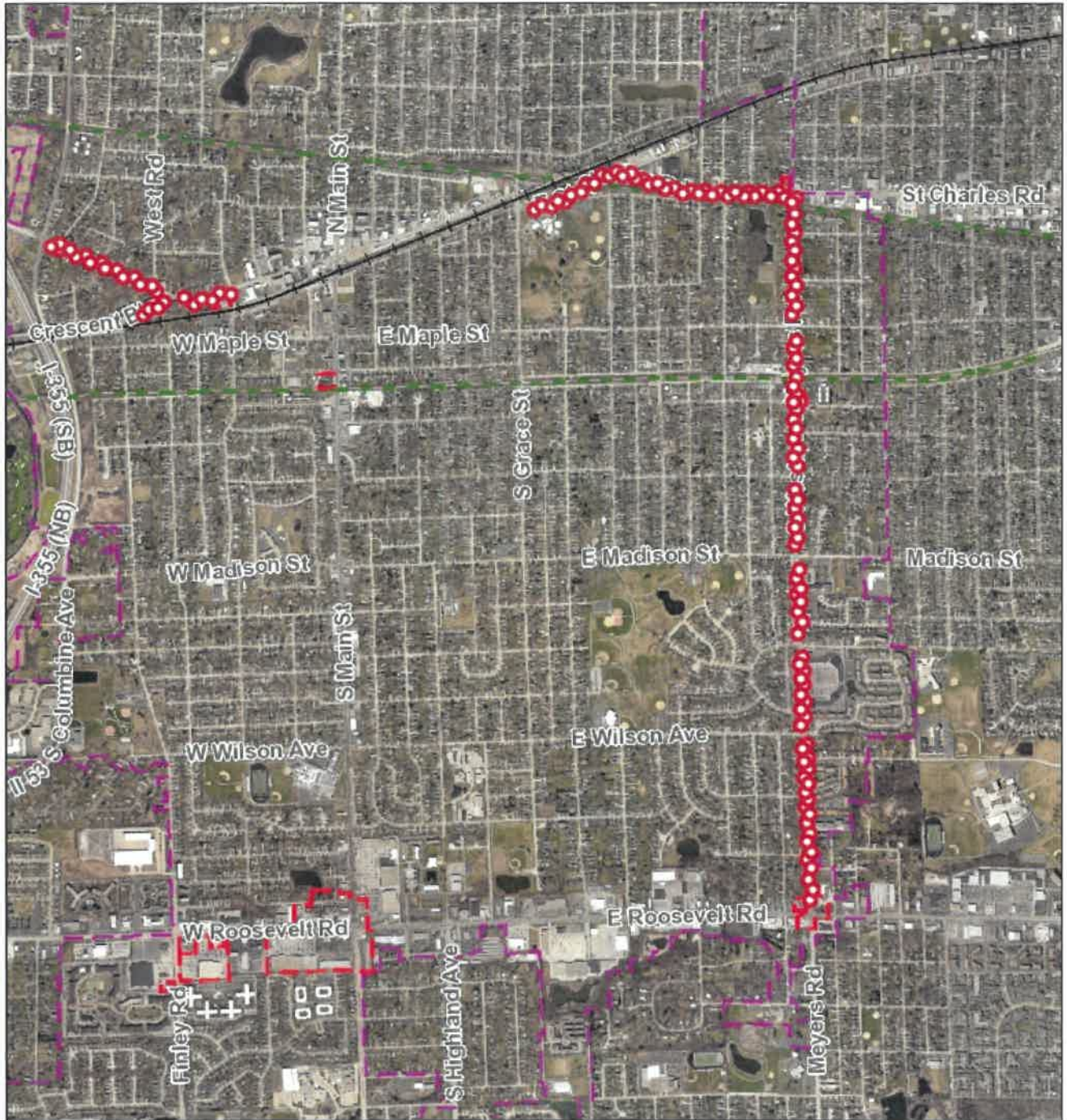
Staff has solicited material quotes from three separate manufactures that can produce an aluminum pole that meets Village specifications. The results are below:

Manufacturer	pole/4' arm	pole/8'arm	pole/10'arm	baseplate	hardware	LED head	total
KSA Lighting - Hapco	\$ 107,590.00	\$ 100,224.00	\$ 150,195.00	\$ 42,210.00	\$ 10,912.00	\$ -	\$ 411,131.00
Electrical Resource Mngt - Valmont	\$ 142,604.00	\$ 135,097.60	\$ 203,300.00	\$ 84,420.16	\$ 17,318.40	\$ 38,525.00	\$ 621,265.16
CX Connexion - Nova	\$ 159,700.03	\$ 155,565.76	\$ 236,591.80	\$ 94,605.28	inc in basplate	\$ 35,215.47	\$ 681,678.34

This material purchase was developed under Motor Fuel Tax (MFT) guidelines and submitted to IDOT for review and was approved for MFT funding.

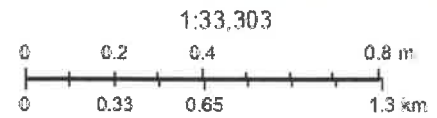
Staff is recommending the approval of the proposal from KSA Lighting, Itasca, IL for the purchase of 229 street light poles and hardware kits for \$411,131.00 and the proposal from Electrical Resource Management, Wheaton, IL for the purchase of 138 LED light heads for \$38,525.00

Please place this item for consideration on the May 5, 2022 Board agenda.

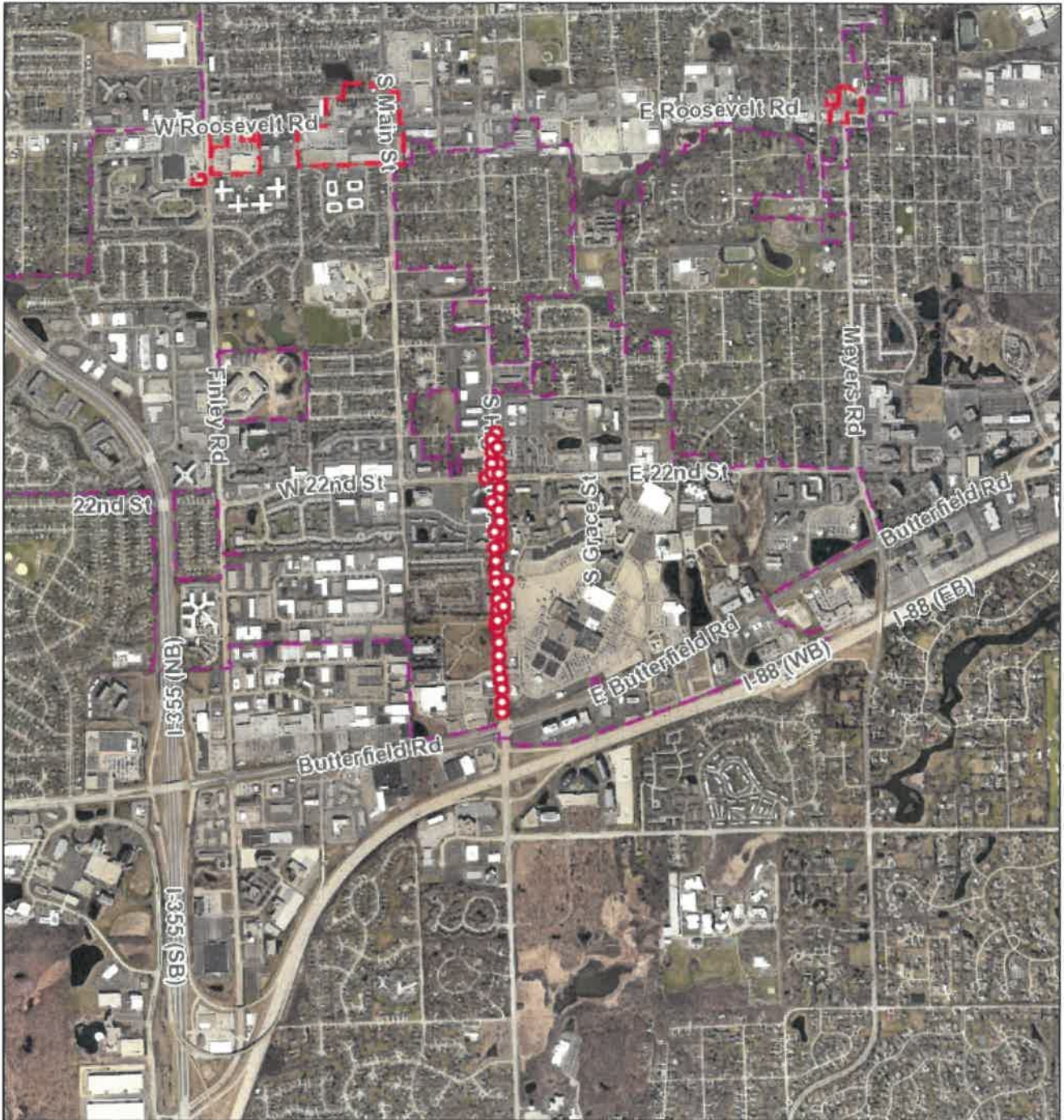


April 27, 2022

● All Supports 1

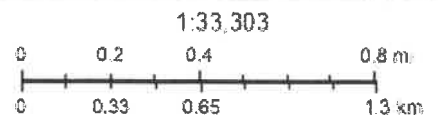


Village of Lombard



April 27, 2022

● All Supports 1



Village of Lemond, CO



April 28, 2022

● All Supports 1

