

**MANITOWOC PUBLIC UTILITIES**

1303 South 8<sup>th</sup> Street P.O. Box 1090 Manitowoc, WI 54221-1090 920-683-4600 FAX 920-686-4348 [www.mpu.org](http://www.mpu.org)

April 22, 2019

Deborah Neuser  
Manitowoc City Hall  
900 Quay Street  
Manitowoc, WI 54220

**RE: RESOLUTION FOR STREET LIGHTING  
RAPIDS ROAD RECONSTRUCTION AND WIDENING - CUSTER TO BROADWAY**

Dear Ms. Neuser,

Rapids Road is being widened between Broadway and Custer Street, requiring modification to the street lighting system. Enclosed is a resolution with map to order the replacement of 22 each, non-ornamental, High Pressure Sodium (HPS) street lights with 19 each, non-ornamental LED street lights, as requested by Mr. Greg Minikel on the behalf of the Public Infrastructure Committee. MPU seeks Common Council approval for the installation per Municipal Code 12.150.

**Fiscal Impact**

**Existing HPS Fixtures**

22 each, 250 Watt HPS fixtures  
\$14.77/month x 22 fixtures = \$329.94/month

**HPS Fixtures to Accommodate Road Widening**

30 each, 250 Watt HPS fixtures  
\$14.77/month x 30 fixtures = \$443.10/month

**LED Fixtures to Accommodate Road Widening (Recommended)**

19 each, 200-215 Watt LED fixtures  
\$17.87/month x 19 fixtures = \$339.53/month

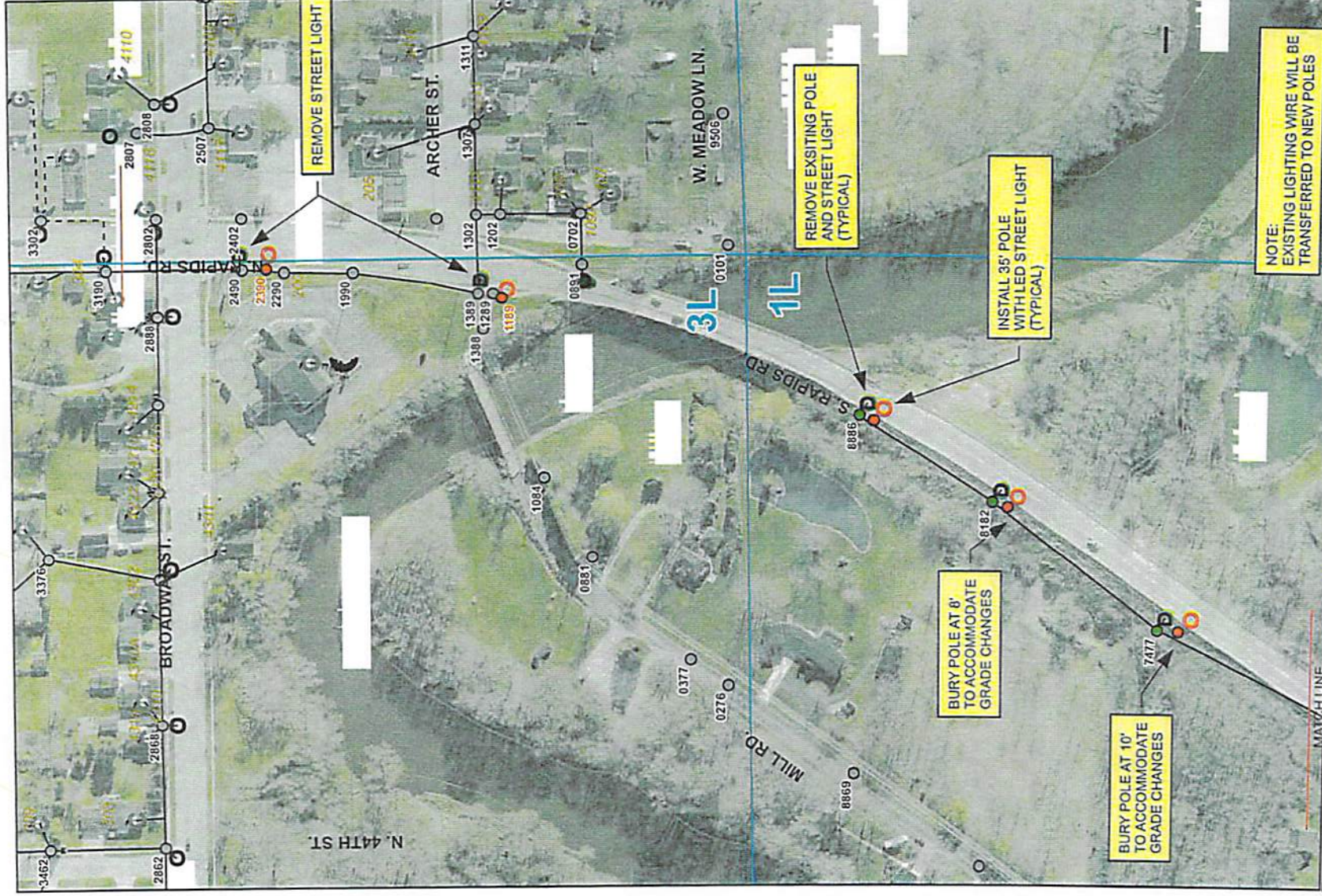
Would you please return a copy of the resolution pending Common Council review/approval?

Please contact me at (920) 686-4310 with any questions.

Sincerely,

Steve Bacalzo, P.E.  
Distribution Operations Manager

Enclosures

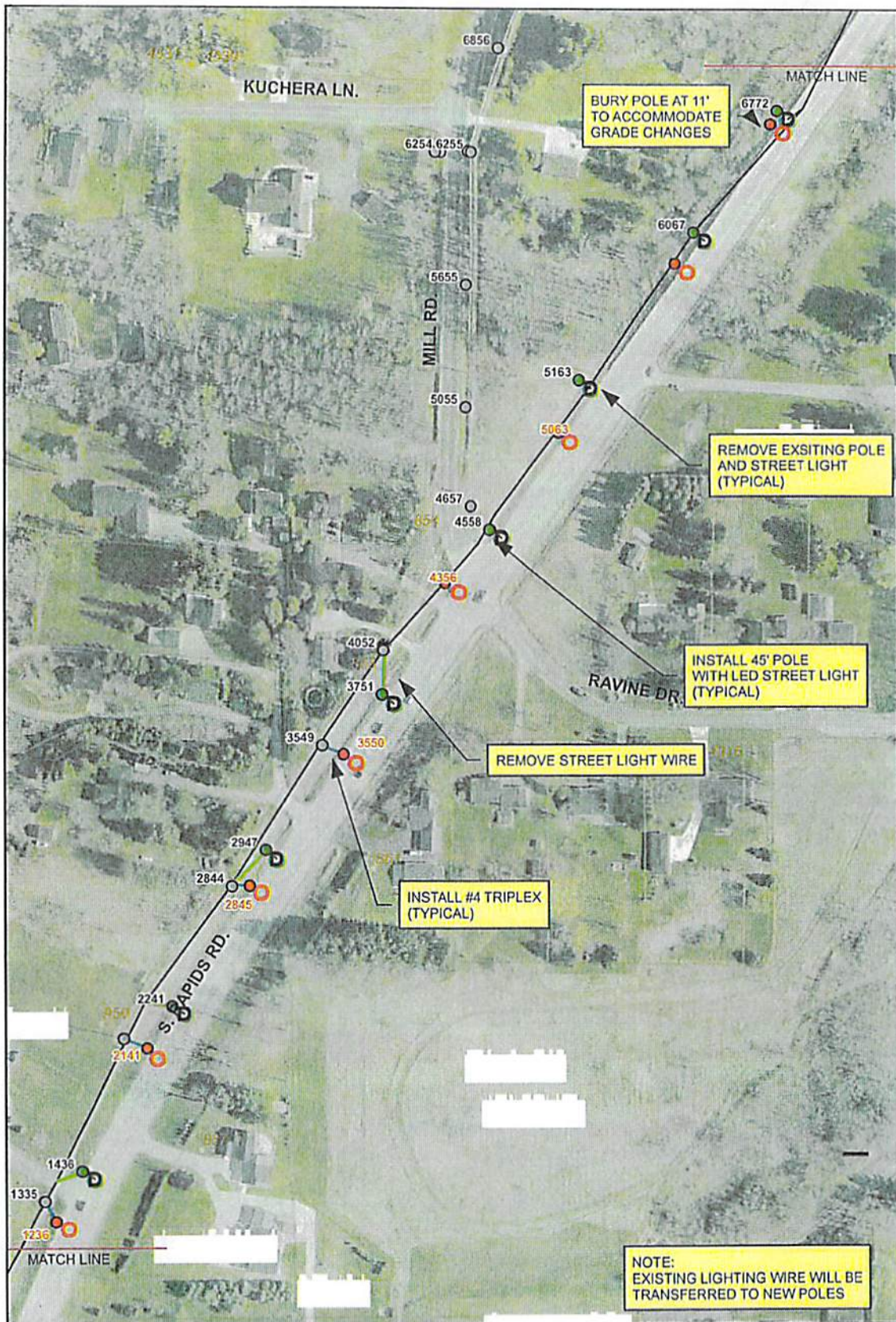



REV DESCRIPTION	DATE	TITLE: RAPIDS RD LED STREET LIGHT INSTALLATION SHEET 1 of 3	DATE: 02-21-2019
			DRAWN: RAO
			CHK'D: JH
			DEPT: ED
			SCALE: 1"=150'
			SHEET NUMBER: WO 6481



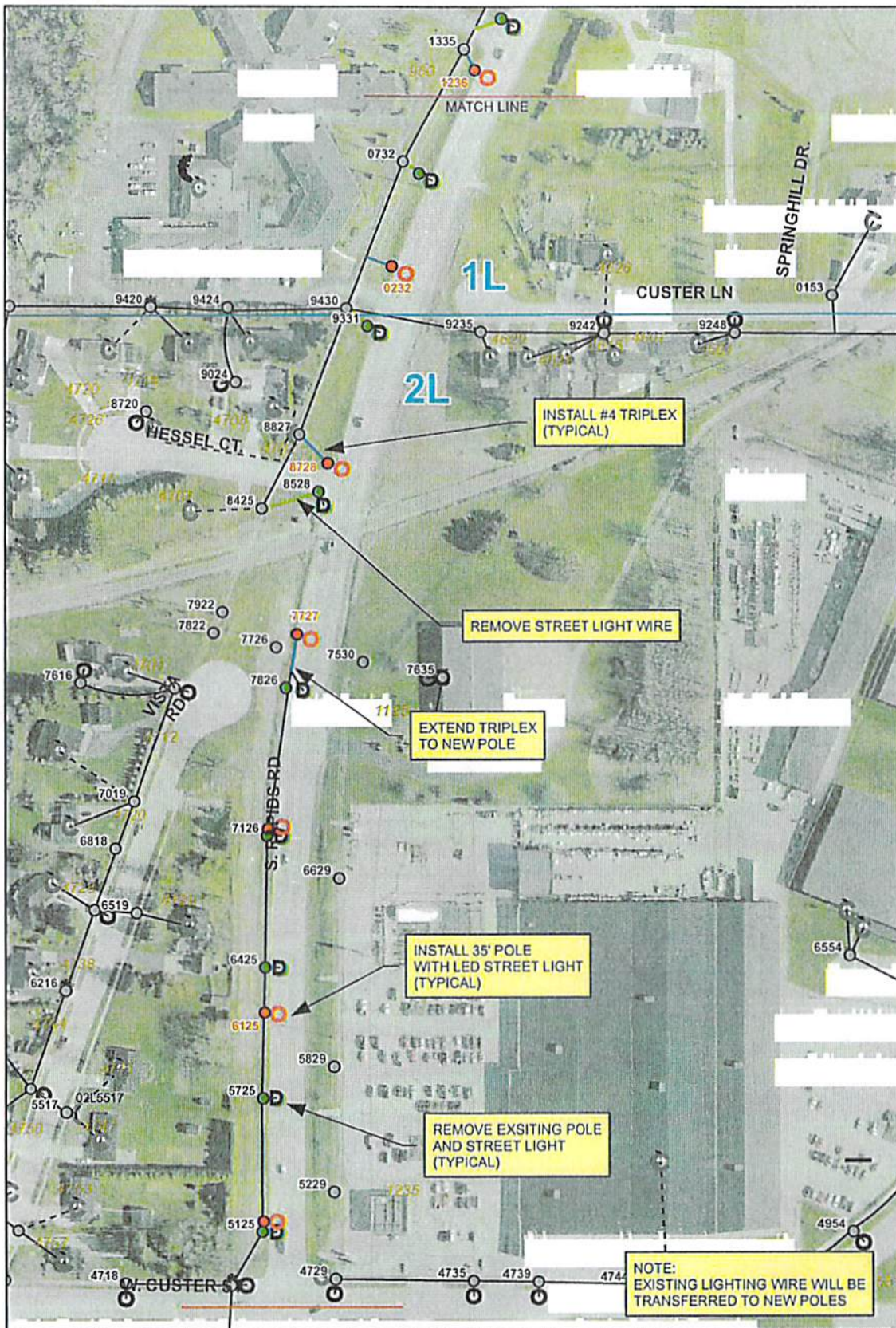
● = Remove  
 ○ = Install






REV	DESCRIPTION	DATE	TITLE: RAPIDS RD LED STREET LIGHT INSTALLATION SHEET 2 of 3	DATE: 02-21-2019
				DRAWN: RAO
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