



Memo

To: Honorable Mayor & City Council,

From: Utility Superintendent Victor Kane

CC: City Administrator Dylan Mulfinger

Reference: East Charles 7 1st Traffic Light.

Date: 02/05/2020

The contractor updating our crosswalk lights warned us that although adequate for now all our traffic lights will all need to be upgraded. They did encounter an issue with the traffic light at East Charles and 1st Ave. In their own words "the worst setup they have seen". Two of the crosswalk activation buttons will not function because the wiring running to the poles is broken and needs replaced. They are currently setup to allow pedestrians to walk when the light changes but they cannot activate the lights on demand. We have no choice but to replace the wiring. While they are replacing the wires, it would be a good time to update the obsolescing controller and signal heads of this light set.

The pole sets are good so that saves us a large sum of money. The controller priced out is the most economical and will still work with the current loop systems we have. The signal heads we have are obsolete due to the new mounting brackets and close to the point of unrepairable from sun degradation. This update would give us spare parts to hopefully keep the other 4 lights functioning as we move to update them over the next few years. I have attached the quote for your information. I recommend that we make the wire repairs and complete all upgrades on this light set for a cost of \$37,500. Including authorization for another \$8,000, in boring, if the conduits are found unusable.

Thank you for your time.

Victor Kane
Oelwein Utility Superintendent

From the Desk of
Oelwein Utility Superintendent Victor Kane