



TO: Mayor and Council

FROM: Milton Dohoney Jr., City Administrator

CC: John Fournier, Deputy City Administrator
Raymond Hess, Transportation Manager
Matt Kulhanek, Fleet & Facilities Manager
Brian Steglitz, Public Services Area Administrator

SUBJECT: October 16, 2023 Council Agenda Response Memo

DATE: October 12, 2023

CA-4 - Resolution to Approve Change Order No. 2 to the Construction Contract with A.F. Smith Electric Inc. for the Wheeler Center Lighting Improvements Project, RFP 22-83; (\$54,651.00 Increase, Total Contract Amount \$553,032.22)

Question: Can you describe how this work/project fits within the aims of Climate Millage dollars? Was the original project scope cost covered by a different fund source?
(Councilmember Akmon)

Response: The Wheeler Center was constructed in 2007 and was outfitted with light fixtures that use a mix of metal halide and fluorescent bulbs, proximity sensors and a programable lighting controller. The Wheeler Center Lighting Improvements Project was planned to update failing equipment and fixtures to improve energy efficiency at the facility. All fixtures have been converted or replaced to accept LED bulbs and the unsupported lighting controller was replaced with one that can integrate into the new building management system that is to be installed in November as part of a heating and cooling zone controller upgrade. This change order is necessary to replace occupancy sensors to tell the lighting controller and building management systems when to turn lighting on and off or to reduce heating and air conditioning in rooms that do not have any people in them. The majority of this lighting project was paid for using the Office of Sustainability and Innovation's Climate Action Millage budget. This project aligns with Strategy 3 of the A2Zero Climate Action Plan: Significantly Improve the Energy Efficiency in our Homes, Businesses, Schools, Places of Worship, Recreational Sites and Government Facilities.

CA-5 – Resolution to Approve a Contract with the Michigan Department of Transportation for the 2023 SCOOT Expansion Project (\$1,737,765.00)

Question: I haven't heard of the SCOOT program before. Can you describe what the end result will be, especially how this relates to Clean Air Act and any of the goals/values in our Transportation Plan? (Councilmember Akmon)

Response: This item is for the City to receive a Federal CMAQ (congestion mitigation and air quality) grant. The City is the grant recipient and the MDOT (Michigan Department of Transportation) is the grant administrator. This project delivers on one of the mobility strategies in the Moving Together Toward Vision Zero Transportation Plan; namely 'Expand adaptive signal technology and implement connected infrastructure,' ([A2 Moving Together](#), p117). Significant items within the project include establishing fiber-optic data connection along Barton Drive between Pontiac Trail and Plymouth Road, and replacing the majority of aging fiber-optic cables in downtown. Data communication on a fiber-optic network allows for adaptive signal operations and provides opportunities for applications requiring connected infrastructure. SCOOT (Split Cycle and Offset Optimization Technique) is a product of Yunex (Siemens) and a real-time method of signal control, which coordinates adjacent signals to improve network management and signal synchronization.

CA-8 - Resolution to Authorize the Purchase of Two Automated Side Load EV Refuse Trucks on Mack Chassis' from Fredrickson Supply (Sourcewell - \$1,483,601.78)

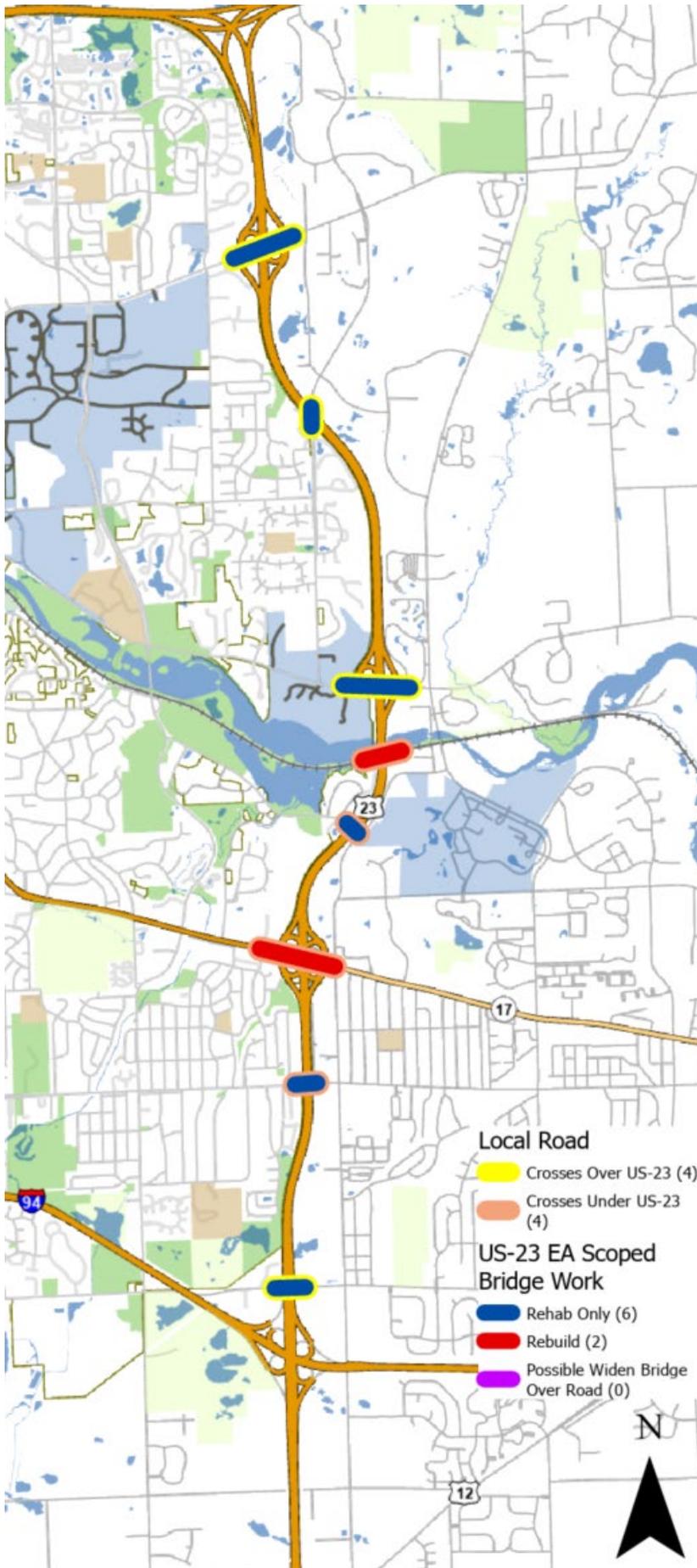
Question: I'm confused about the reference to the order already placed in 2021. Would this replace that order? (Councilmember Akmon)

Response: Approval of this agenda item would in no way cancel or impact the purchase of two all-electric refuse trucks from 2021. The reference to the 2021 purchase and pending delivery is to reinforce that the City has no direct real-world usage data or operational history of this type of vehicle to date. This was one of staff's reasons for only purchasing two all-electric refuse trucks under this agenda item. We are expecting delivery of the first all-electric refuse truck, ordered in June 2021, sometime in November.

DC-4 – Resolution to Restore Community Connections with Continuous, Comfortable Walking and Biking Facilities Across US-23

Question: Would it be possible to provide a map of the various crossings of US-23 and if possible, also indicating the areas that MDOT excludes from its project? (Councilmember Disch)

Response: Please find the attached map.



Local Road Crossings with the MDOT US-23 Environmental Study