



MEMORANDUM

REGULAR CITY COUNCIL MEETING

August 7, 2023 at 7:00 PM

TO: City Council

FROM: Steven M. Kent, Chief of Police and Ricky Zoet, Director of Public Works

SUBJECT: Temporary Traffic Control Order - Resolution 27-2023

Per City Council's request, the Douglas Police Department and Department of Public Works (DPW) have been working with the City Engineer to develop a layout and budget for a temporary installation of all-way stop signs at the intersection of Blue Star Highway and Wiley Road. The on-going Michigan Department of Transportation (MDOT) I-196 overpass bridge work at Bluestar Highway exit 41 has increased traffic volumes, wait times, and safety for motorists negotiating the intersection. Bridge work at exit 36 is anticipated to continue to cause traffic issues at the intersection.

In the current configuration, east and west bound traffic on Wiley Road is required to stop at Bluestar Highway. North and south bound Bluestar Highway traffic is not required to stop. The City Engineer has designed the attached proposed temporary all-way stop for the intersection (see attached P&N job #2220100) per the requirements of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD). A temporary all-way stop is proposal for the intersection of Bluestar Highway and Wiley Road and all legs of the intersection will be required to stop. It is worth noting that per, the City Engineer, the traffic study completed in 2021 does not warrant making the all-way stop permanent.

Give'Em A Break, a regional traffic control contractor, has developed the following cost proposals for the installation and rental of the temporary signage, rumble strips, and stop bars. The Department of Public Works will temporarily cover the existing flashing traffic light above the intersection.

Advanced Message and Temporary Signage - Option 1: Reconfigure the intersection including installation and removal of MDOT devices and pavement marking as provided in P&N Job Sheet #2220100. Including two portable and changeable message boards based on a 90-day rental or less.

Cost: \$22,224.00

Temporary Signage - Option 2: Reconfigure the intersection including installation and removal of MDOT devices and pavement marking as provided in P&N Job Sheet #2220100. No portable and changeable message boards.

Cost: \$15,724.00

Funds for this activity are not currently budgeted. A budget amendment to the Bluestar Corridor Fund - Capital Outlay account (403-463-979) could pay for the selected option. The Bluestar Corridor Fund was created to make improvements to the corridor.

Sample Motion: I motion to approve Resolution 27-2023 and amend the Blue Star Corridor Capital Outlay account to fund the selected option for a temporary all-way stop at the intersection of Blue Star Highway and Wiley Road.

August 9, 2023

Additional Information

At the Monday, August 7, 2023 Council Meeting this item of new business was tabled by council requesting additional information regarding pricing and timeframe of work to be completed.

In speaking with Give 'Em a Brake, a breakdown was requested for 30, 60, and 90 days for the temporary all way stop. 60 days is a savings of \$176.00 from original pricing and 30 days is a savings of \$352.00 from original pricing.

I have been advised that Give 'Em a Brake and PK Contracting can be on site Tuesday, August 15, 2023 to install the necessary equipment for the all way stop at Bluestar and Wiley Road.

As previously stated, funds for this activity are not currently budgeted. A budget amendment to the Bluestar Corridor Fund- Capital Outlay account (403-463-979) could pay for the selected option. The Bluestar Corridor Fund was created to make improvements to the corridor.

