



CITY OF WAUKESHA

Administration

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Committee: Building and Grounds	Date: 5/18/2020
Common Council Item Number: IDNo.20-0559	Date: 6/2/2020
Submitted By: Fred Abadi, P.E. Public Works Director	City Administrator Approval: Kevin Lahner, City Administrator
Finance Department Review: Diane Gard, Finance Director Click here to enter text.	City Attorney's Office Review: Brian Running, City Attorney
Subject: Discussion of Barstow St. and Municipal Lot No. 2 entrance and directing staff to incorporate option into the Barstow Street and Riverfront Street Utility and Street Improvements Project.	

Details:

As part of the Barstow Street and Riverfront Street Utility and Street Improvement Project, the intersection of Barstow St., Riverfront St., and Corrina Boulevard, as well as, Municipal Parking Lot No.2 are being fully reconstructed. The reconstruction of this intersection provides the opportunity to address existing safety concerns for both vehicles and pedestrians. During the design phase of the Barstow St. and Riverfront St. reconstruction project, the existing conditions of this intersection were evaluated, and the following concerns were present with the existing configuration:

- High volume of pedestrians crossing multiple lanes of N. Barstow Street.
 - Numerous pedestrians have been observed running across N. Barstow St. to avoid pedestrian/vehicle incidents.
- Pedestrian crossing visibility to approaching motorists.
- Multiple pedestrians crossing on south side of intersection in unmarked crosswalk.
 - Per Wisconsin State Statue 340.01 10(b), a legal crossing exists in this location, but is not easily recognized by traveling motorists.
 - The legal crossing at this location does not meet current ADA standards for accessible curb ramps.
- Close proximity of Municipal Parking Lot No.2 exit driveway to 4 legged, 2-way stop controlled intersection. Exiting vehicles create additional conflict points and confusion for drivers and pedestrians navigating the Barstow St./Riverfront St./Corrina Blvd. intersection.
 - Having the parking lot drive approach on Barstow St. adds 5 conflict points to the intersection.



With all of the above being considered, staff included a design within the Barstow St. and Riverfront St. reconstruction project that provided an ADA crossing at all legs of the intersection, and adjusted the entrance and exit of Municipal Parking Lot No.2 to one drive approach from Corrina Blvd. This configuration provided safety improvements and solutions to multiple conflict points noted above with the existing intersection configuration and provided increased pedestrian crossing safety at all legs of the intersection. The proposed staff recommended layout was shown at both Public Information meetings that were held regarding the Barstow St. and Riverfront St. project and the background information for the safety improvements were described to those who were interested in the layout change.

After the multiple Public Information Meetings regarding the project, some concern was raised regarding the revised layout of the parking lot and intersection. It was agreed upon that other alternatives for the layout of Municipal Lot No.2 and the Barstow St./Riverfront St./Corrina Blvd. would be provided to the Buildings and Grounds Committee for their review, and direction for staff to include into the on-going Barstow St. and Riverfront St. project. Attached is an exhibit of the proposed alternate layouts for the intersection and parking lot, that also includes the staff recommendation of the current design included within the final project design plans. The alternatives included in the exhibit are ordered from the safest alternative (No.1) to the least safe (No.5)

Options & Alternatives:

See attached exhibit of alternative layouts of the Barstow St./Riverfront St./Corrina Blvd. intersection, and Municipal Lot No.2 entrance/exit.

Financial Remarks:

None

Executive Recommendation:

Recommendation of Alternative No.1 which includes a crossing on all legs of the intersection, and the entrance and exist of Municipal Lot No.2 off of Corrina Blvd. to be included into the Barstow St. and Riverfront St. Utility and Street Improvement Project.