

To: Members of Dublin City Council

From: Dana L. McDaniel, City Manager 

Date: March 3, 2016

Initiated By: Barb Cox, P.E., Acting Director of Engineering/City Engineer
Jean-Ellen M. Willis, P.E., Engineering Manager – Transportation
Eagan L. Foster, P.E., PTOE, Civil Engineer

Re: Resolution No. 14-16 – A Resolution Consenting to the City of Dublin Working Cooperatively with the Director of the Ohio Department of Transportation for the Upgrade and Maintenance of Traffic Signals

Summary

The Ohio Department of Transportation (ODOT) and the Mid-Ohio Regional Planning Commission (MORPC) have been working with local communities throughout the region to identify low-cost safety improvement opportunities. Based on their analysis of crash data in the City of Dublin, they proposed to upgrade the traffic signal pedestrian displays with new Countdown Pedestrian Displays utilizing LED technology.

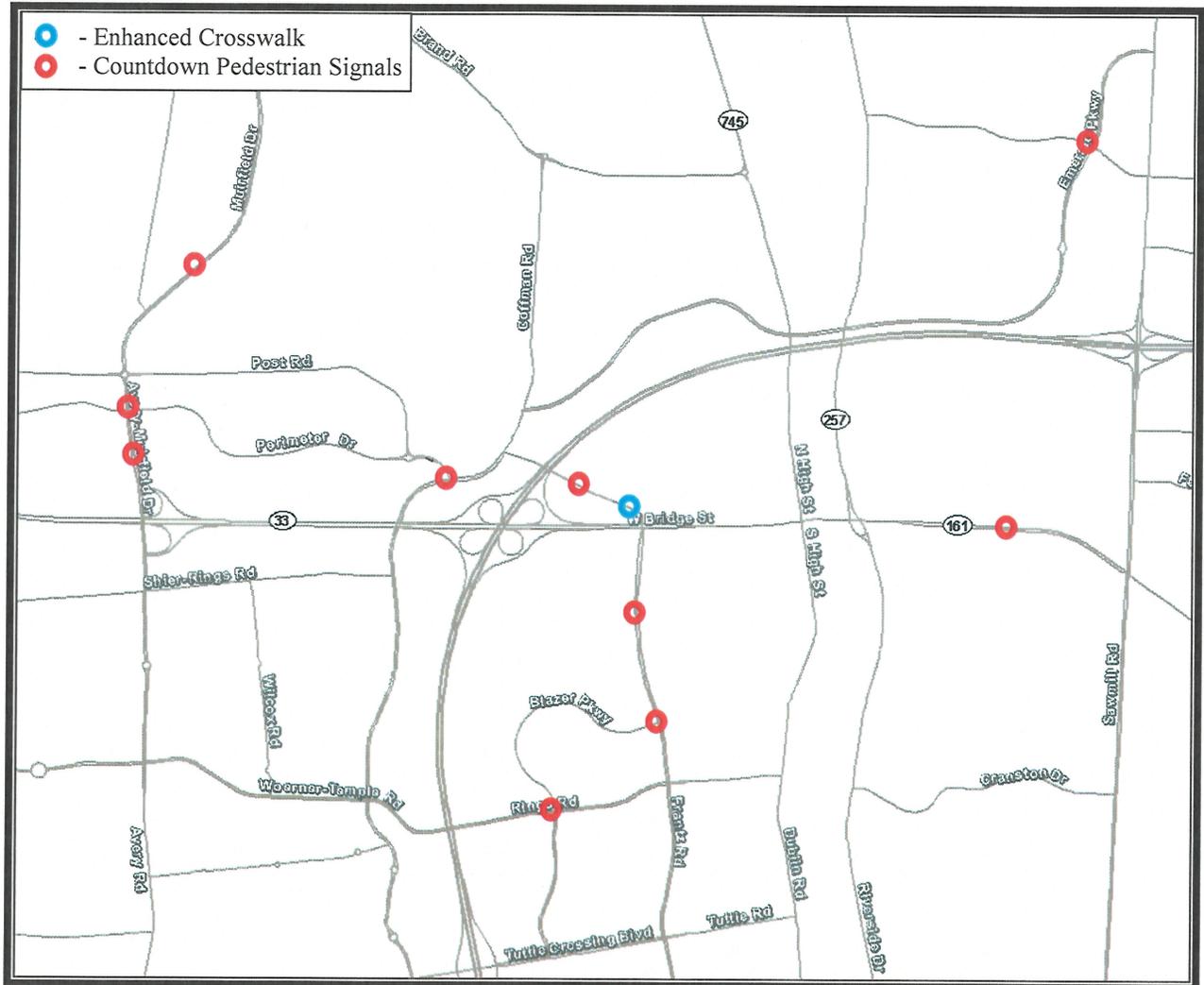
MORPC and ODOT provided a list of potential intersections for consideration based on recent pedestrian-involved crash data. Eleven (11) locations were selected based on higher than average levels of pedestrian and bicycle traffic in proximity to parks, schools or traffic signals with features for pedestrians with accessibility issues. The primary treatment suggested by the project is for signalized intersections to replace existing pedestrian signals with new LED pedestrian signals with countdown displays that are active during the flashing upraised orange hand display. The intent of the countdown display is to inform the pedestrian how much time remains to complete their crossing of the roadway in the crosswalk.

One unsignalized intersection was included to enhance the pedestrian markings to improve the visibility of the crosswalk to motorists turning across the pedestrians' and bicyclists' path. This intersection is Post Road at Kilgour Place, which is shown in the map on the next page ().



Ten (10) intersections, which are shown below, are proposed to receive the countdown pedestrian displays:

- Shamrock Boulevard at West Dublin-Granville Road;
- Avery-Muirfield Drive and Perimeter Drive;
- Post Road and OCLC driveway;
- Hard Road and Emerald Parkway;
- Muirfield Drive and Tara Hill Drive;
- Avery-Muirfield Drive and Perimeter Loop/Hospital Drive;
- Rings Road and Blazer Parkway;
- Emerald Parkway and Perimeter Drive;
- Frantz Road and Metro Place North; and
- Frantz Road at Paul G. Blazer Memorial Parkway/ Longbranch Drive.



ODOT is currently working to design and begin construction for the project in 2017.

There are no anticipated direct costs to Dublin for this project, as it is entirely funded through ODOT safety funds.

The estimated installation cost for this safety upgrade is \$63,000.

Recommendation

Staff recommends adoption of Resolution 14-16 at the March 7, 2016 Council meeting.

RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 14-16 Passed _____, 20____

A RESOLUTION CONSENTING TO THE CITY OF DUBLIN WORKING COOPERATIVELY WITH THE DIRECTOR OF THE OHIO DEPARTMENT OF TRANSPORTATION FOR THE UPGRADE AND MAINTENANCE OF TRAFFIC SIGNALS.

WHEREAS, the Ohio Department of Transportation ("ODOT") and the City of Dublin (the "City") have identified the need to upgrade the traffic controls related to pedestrian signals and will improve those signals at the following locations: (1) Shamrock Boulevard at West Dublin-Granville Road; (2) Avery-Muirfield Drive and Perimeter Drive; (3) Post Road and OCLC driveway; (4) Hard Road and Emerald Parkway; (5) Muirfield Drive and Tara Hill Drive; (6) Avery-Muirfield Drive and Perimeter Loop; (7) Rings Road and Blazer Parkway; (8) Emerald Parkway and Perimeter Drive; (9) Frantz Road and Metro Place North; and (10) Frantz Road and Blazer Parkway, identified by ODOT as D06 Regional Pedestrian Signals, PID 101844 (the "Project"); and

WHEREAS, ODOT and the City also identified the need to improve the pedestrian crosswalk at Post Road and Kilgour Place as part of the Project; and

WHEREAS, the Project will upgrade signals by enhancing the pedestrian crosswalk markings at one (1) location and upgrading the pedestrian signal displays to countdown signals at ten (10) locations; and

WHEREAS, being in the public interest, the City gives consent to the Director of Transportation of the State of Ohio (the "Director") to complete the Project; and

WHEREAS, the City hereby agrees to cooperate with the Director in the planning, design, and construction of the Project and grants consent to ODOT for its development and construction of the Project in accordance with plans, specifications, and estimates as approved by the Director; and

WHEREAS, ODOT agrees to assume and bear one hundred percent (100%) of the total costs of preliminary engineering, right-of-way, and construction; and

WHEREAS, right-of-way costs include eligible utility costs; and

WHEREAS, ODOT agrees to be responsible for all utility accommodation, relocation, and reimbursement and agrees that all such accommodations, relocations, and reimbursements shall comply with the current provisions of 23 CFR 645 and the ODOT Utilities Manual; and

WHEREAS, the City agrees to assume and bear one hundred percent (100%) of the total costs of those features requested by the City (currently, there are none identified), which are not necessary for the improvement as determined by the State and Federal Highway Administration; and

WHEREAS, the City agrees that all existing City right-of-way required for the Project will be made available to the Project and should the Project require additional right-of-way, the City will work to facilitate ODOT's acquisition of the additional right-of-way in accordance with current State and Federal regulations; and

WHEREAS, upon completion of the Project, unless otherwise agreed, the City shall: (1) provide adequate maintenance for the Project in accordance with all application State and Federal laws, including, but not limited to, Title 23, U.S.C., Section 116; (2) provide ample financial resources, as necessary, for the maintenance of the Project; (3) maintain the right-of-way, keeping it free from obstructions, and (4) hold said right-of-way inviolate for public highway purposes.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Dublin, State of Ohio, _____ of the elected members concurring that:

RECORD OF RESOLUTIONS

Resolution No. 14-16

Page 2 of 2
Passed _____, 20____

Section 1. The City hereby empowered on behalf of the City of Dublin to enter into contracts with the Director of ODOT necessary to complete the Project pursuant to the terms above.

Section 2. This Resolution shall take effect upon adoption in accordance with 4.04(a) of the Dublin Revised Charter.

Passed this _____ day of _____, 2016.

Mayor – Presiding Officer

ATTEST:

Clerk of Council