

Information Item

Date: May 21, 2019

To: Mayor, Mayor Pro Tempore and Members of the City Council

From: Damon Dequenne, Assistant City Manager
Toneq' McCullough, Director of Transportation

Subject:
Pedestrian Intersection Improvement Priorities

Strategic Focus Area: Quality Transportation

Strategic Objective: Expand Bike/Sidewalk/Greenway Network

Strategic Plan Action Item: No

Key Work Item: No



Staff was asked to prepare a report on traffic crashes involving pedestrians for the February and April Public Works Committee meetings to help identify patterns in crash locations and circumstances. Based on the conclusions from that crash analysis, staff was then asked to prepare a list of priority pedestrian crossing improvement projects. Staff used the following geographic data to prepare a list of project recommendations that could provide the greatest impact to pedestrian safety.

- Signalized intersections lacking pedestrian accommodations
- WSTA transit routes
- Activity Centers as defined in *The Legacy 2030 Update* plan
- Areas of elevated pedestrian crash frequency and severity

The results from that analysis were then combined with a list of vetted project proposals from various plans, studies, and public requests. The resulting list includes 89 intersection improvement projects that would upgrade the pedestrian crossing infrastructure, which could include pedestrian signalization, crosswalks, refuge islands, signage, transit stop amenities, and other features as needed.

Work will be completed in three phases:

1. Phase I will include projects with complete designs as of April 2019. The list includes the following projects:

Street 1	Street 2	Improvement Type	Ward
3rd Street	Patterson Avenue	Pedestrian Signals and Crosswalks	E
Bethesda Road	Hawthorne Road	Pedestrian Signals and Crosswalks	SW
Buena Vista	Reynolda Road	Curb Adjustments	NW
Country Club	Plymouth Avenue	Uncontrolled Intersection Crossing	Ward
Hutton Street	Montgomery Street	Intersection Redesign	SW
Reynolda Road	Graylyn/Reynolda Village Driveway	Pedestrian Signals and Crosswalks	W/NW
Reynolda Road	Northwest Boulevard	Pedestrian Signals and Crosswalks	NW
University Parkway	Long Drive	Pedestrian Signals and Crosswalks	N
Reynolda Road	Robinhood Road	Curb Adjustments	NW
4th Street	West End Boulevard	Uncontrolled Intersection Crossing	NW
Broad Street	Salem Avenue	Traffic/Ped Signals and Crosswalks	S
Miller Street	Silas Creek Parkway	Pedestrian Signals and Crosswalks	SW
Melrose Street	Hawthorne Road	Uncontrolled Intersection Crossing	SW
Academy Street	Hawthorne Road	Pedestrian Signals and Crosswalks	SW

2. Phase II will include projects at signalized intersections where fatalities have occurred. (shown in red on the attached list)
3. Phase III will address other priority projects where design plans must be created or substantially modified.

In addition to these proposed infrastructure improvements, user behavior needs to be addressed to increase the likelihood of improved roadway safety. NCDOT has selected Winston-Salem to be a part of the Watch for Me NC program, which provides the training and materials needed for the City of Winston-Salem to implement a bicycle and pedestrian safety education and enforcement program. Watch for Me NC will begin in the spring, with major education and enforcement efforts occurring throughout the summer and fall. Emphasis will be placed on educating cyclists and pedestrians about their rights and responsibilities as roadway users and enforcing driving laws related to cyclists and pedestrians to ensure that drivers are properly sharing the road with vulnerable roadway users.