

MEMORANDUM

To: John Cowling
From: Janet Hall, Traffic Engineer
Date: July 28, 2016
Subject: Accessible Pedestrian Signal Policy

The City has adopted *Policy TR-1.2 Make pedestrian and transit facilities safe and accessible for people with temporary or permanent mobility impairments or disabilities* in its Comprehensive Plan adopted June 15, 2015.

Part of implementing this policy is having all traffic signals include accessible pedestrian signals (APS). APS is an integrated device that communicates information about the WALK and DON'T WALK intervals at signalized intersections in a non-visual format to pedestrians who are blind or have low vision.

The City currently owns and is responsible for 15 traffic signals. All of these signals have LED countdown pedestrian signal heads. Existing signals and APS status are as follows:

- 5 currently have full APS
- 2 have chirp/cuckoo for two legs
- 3 are scheduled to be upgraded to full APS with the 2015 Citywide Safety Improvements Project scheduled to be construction in 2016
- 1 with chirp/cuckoo is scheduled to be upgraded with the Main Street Revitalization Project, Phase 1 construction scheduled for 2017

The traffic signals not yet scheduled for APS are at:

- 216th/66th
- 217th/44th (has chirp/cuckoo)
- 220th/64th
- 220th/70th
- 223rd/44th
- 244th/Gateway Place


The APS system used by the City requires that all crossings at an intersection use the APS system. It does not allow for using the APS system with some of the crosswalks while retaining the legacy push buttons at other crosswalks within an intersection.

Recommendation

Continue to implement APS consistent with the following:

- **New signals:** All new signals are to be constructed with full APS.
- **Requests from the public:** Requests for APS signals from the public will be responded to in a timely manner. Timely manner means, at minimum, discussing the proposed timeframe with the requestor and agreement on a date for installation of APS.
- **Minor work and routine maintenance:** Projects such as emergency repairs, sidewalk or curb ramp repairs, signal timing adjustments, vehicle detection installation or repair and signal head upgrades or repairs do not require the installation of APS.
- **Curb ramps installed by developers:** Curb ramps installed by developers as part of their frontage improvements will not require the installation of APS unless the development occurs on all corners of the intersection. Infrastructure for future APS such as conduit, junction boxes and appropriately located push button poles is required.
- **Upgrading Existing Signals:** The City will include APS upgrades as part of Capital Improvement Projects whenever feasible. The City will also apply for grant funding as it is available to upgrade signals not included as part of a Capital Improvement Project.

Concurrence



John Cowling
City Engineer

7-29-14

Date



Scott Hugill
City Manager, ADA Coordinator

7/28/14

Date