

Park Avenue Upgrade

Completion of Phase 2 Component of Youngstown SMART² Network

Winter 2023

Project Goals

Improve Health and Safety

- “Active Transportation Corridor” - Create safer infrastructure for pedestrians and bicyclists, thereby encouraging healthier and greener alternatives to reliance upon motor vehicles.
- Improve overall mobility.
- Replace intra-block, dedicated turn lanes with a consistent, predictable, bi-directional turn lane, along the St. Elizabeth Hospital campus portion of Park Avenue.

Green Infrastructure

- Reduce negative impacts upon the environment.

Improve Visual Appeal

- Improve the visual appeal of a designated connector route from St. Elizabeth Hospital, to YSU, and Downtown.

Project Features

Crosswalks

- Crosswalks feature signal-on-demand buttons for pedestrians.
- LED cross/don't-cross indicators feature a countdown timer display, prior to signal change.
- Crosswalks are indicated by high-contrast, reflective paint markings, providing a prominent visual cue for motorists to the potential presence of pedestrians.
- Signal actuator button and crosswalk shown located at Belmont intersection.



Bicycling

- Signal-mounted traffic sensors also detect the presence of bicycles at intersections, unlike traditional coil sensors embedded in pavement which only detect motor vehicles.
- Traffic sensor shown located at Belmont intersection.



Green Lighting

- Street lamps feature high-efficiency LED bulbs.
- All light emissions are directed downward, reducing nighttime light pollution.
- Street lamp shown located at Stambaugh Auditorium.



Project Tour

Fifth and W.B. Service – Looking North



Stambaugh-Wick Park Crosswalk— Looking North



Fifth and Park – Looking West



Ford and Park – Looking West



Belmont and Park – Looking Northwest



Park @ St. Elizabeth – Looking West



Park @ Joanie Abdu – Looking West

