19th Street Multimodal Improvements

Construct Norwood to Sumac; Plan Sumac to Yarmouth

Overall Project Scope Map

Irrigation Ditches

1. Githen Acres culvert extensions under 19th Street to accomodate proposed sidewalks.
2. Separation of Sumac Avenue street drainage from Githens Acres irrigation ditch lateral.

There will be ongoing coordination with Silver Lake Ditch Company throughout design and construction.

Wonderland Creek

3. The existing 36 inch culvert under 19th street will be replaced with a 24 foot x 4 foot concrete box culvert to not create rise in the floodplain (a requirement for approval of the floodplain permit). The sidewalks will be 5 feet wide and attached within the floodplain.

Street Design

- Sidewalks and curb & gutter will be constructed on both the west and east side of 19th Street from Norwood to Sumac Avenues.
- Proposed bicycle lanes will meet the identified facility type for 19th Street through the Low-Stress Walk and Bike Network Plan which is On-Street Bike Lanes (Preferably Buffered). They will be 5 foot wide (excluding gutter).
- Landscaping may include trees (in landscaping width 4 ft or greater), shrubs, grasses, mulch and rocks

For more details on sidewalks, bike lanes, curb & gutter, and landscaping see the five Alternative Boards for options for proposed improvements from Norwood to Sumac Avenues.

Stormwater System

New storm sewer pipe and roadway drainage inlets will be constructed from Sumac Avenue to Wonderland Creek and will be sized to receive planned future expansions to the north and west.

Water Quality

Infrastructure will be included in the project to address water quality. Potential improvements include stormwater landscape planters or water quality manhole. Options will be selected to fit within the constraints of the project including right-of-way and meeting the "rural character" of this area.

Parking

All on-street parking will be removed with the transition from bikeable shoulder to a bike lane with the addition of curb & gutter.

Speed Mitigation

The posted speed limit on 19th Street will be reduced from 30 to 25 mph under any alternative. To achieve the speed reduction needed to lower the speed limit, speed mitigation will be implemented from Norwood to Sumac Avenues. Once an alternative is selected, speed mitigation will be included in the final design. For additional information see the Speed Mitigation Board.

Tree Impacts and Recommendations

- Trees that are in Good Condition that are Impacted by Alternatives 2, 4 & 5
- Trees that may be Transplanted as Needed
- Tree Removals for All Alternatives

Tree removals are due to the poor health and condition of the trees in addition to provide width for the proposed improvements.

Driveways

Driveway with detached sidewalk

Driveway with attached sidewalk

All existing driveway access will be maintained

Transit Stops

With detached sidewalks:

Transit stop located in landscape strip

With attached sidewalks:

Transit stop located at the back of the sidewalk

Transit stop furnishings such as benches, trash cans, and bicycle racks may be installed depending on the number of riders using the stop and neighborhood interest in "adopting-a-stop" for ongoing maintenance.

Curb Ramps

To meet current Americans with Disabilities Act (ADA) guidelines, curb ramps will be added or upgraded at each intersection.

Enhanced Crosswalks and Street Lights

Proposed Enhanced Crosswalk with Street Light

Existing Enhanced Crosswalk to Remain

Existing Enhanced Crosswalk to be Removed

Vehicle, pedestrian, and bicyclist data were collected at the intersections and analyzed according to the Pedestrian Crossing Treatment Installation Guidelines to determine which locations should have enhanced crosswalks with signage, striping, and street lighting (as shown on the map). Locations of street lights for enhanced crosswalks are currently under review by Transportation Operations staff and will be installed where appropriate.