



Reservoir Park Streambank Restoration Project

In the Fall of 2017 a letter was received from Governor Tom Wolf notifying the Borough that it was awarded \$300,000 from the Community Conservation Partnerships Program to restore Reservoir Park. The budget for this project is approximately \$400,000. In summer of 2019 the Borough began the design and engineering work for this project and construction is expected to begin in the Spring of 2020. The Borough has begun work on the submission of a second grant application for approximately \$100,000. This grant will seek funds from Delco Green Ways (Delaware County, PA) to support the remaining \$100,000 of the project.

The park restoration project will restore the land and water features of the park the conditions of which have eroded due to the increasing energy and volumes of stormwater. The park is a passive natural area of daylight for the Falls Run a tributary to Darby Creek. The stream is listed as impaired for aquatic life use on the Integrated List of Waters. Sources of impairment include variable water flows, siltation runoff,



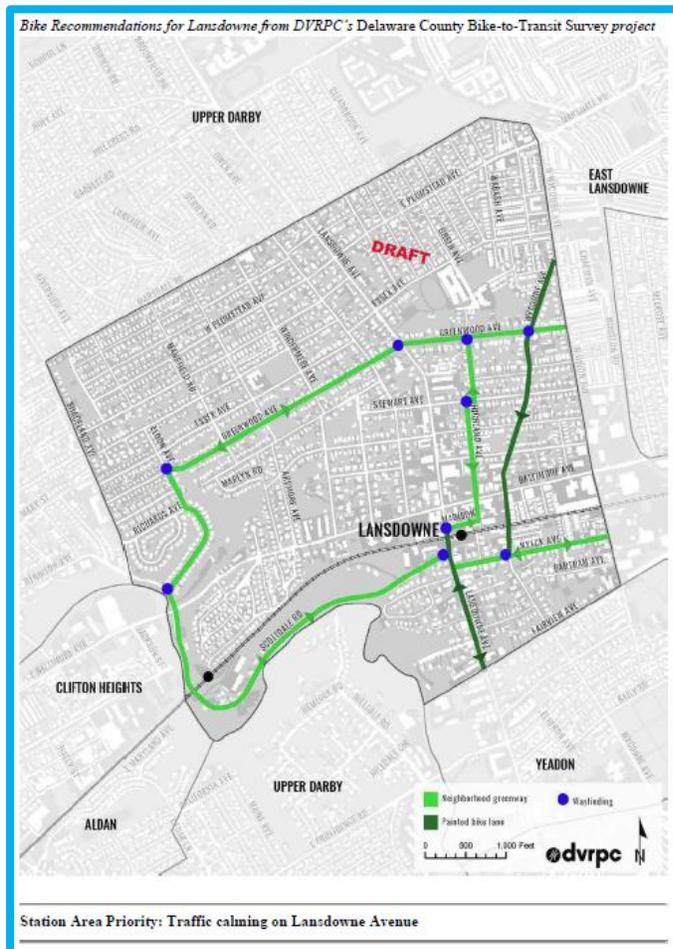
storm sewers and, over time, habitat modification. Increased regional development has stressed on Falls Creek's ability to convey an abundant amount of stormwater during rain events. This increase of concentrated stormwater discharge has resulted in severe streambank erosion, undercutting, channel incision, overbanking, and sand and gravel bars within Reservoir Park. The erosive condition has reached a point where stream bank and floodplain restoration need to be contained and redirected.

Restoration of Falls Run will enhance its ability to handle peak flows from rain events, improve the integrity of the stream bank, replenish and improve the riparian vegetation and ecology, address stream morphology, and improve the aquatic habitat. Restoration will consist of urban and natural channel design techniques, that could include cross vanes, single arm vanes, root-wads, and brush mattresses; hard armoring; and construction of marsh areas. Live native plantings will provide for stream bank soil stabilization, as well as, buffer restoration and hard-armoring stabilization.

Bicycle Facilities

Lansdowne Borough was awarded technical assistance from the Delaware Valley Regional Planning Commission's ("DVRPC") Safe Routes to Transit Program. The program is a competitive technical assistance program periodically offered to municipalities in Greater Philadelphia that are interested in enhancing pedestrian and bicycle access to transit stations. As part of this program, DVRPC facilitated a

meeting with representatives from Lansdowne Borough and Delaware County on April 8, 2019 to discuss pedestrian and bicycle access issues and opportunities around SEPTA's Lansdowne Regional Rail Station.



Background

In 2014 the Borough conducted a walkshed analysis as part of the 2012 Transportation and Community Development Initiative (TCDI). In the study, *Lansdowne Central Business District Walk-Shed Improvements*, one of the recommendations outlined was a design at the intersection of Lansdowne Avenue and Scottdale Road to construct a bump out on the southern corner of Scottdale Road in conjunction with a striped crosswalk to make the pedestrian experience more comfortable. Also, though advocacy of the Borough, Lansdowne Station was one of three stations surveyed as part of DVRPC's *Delaware County Bike-to-Transit Survey* project. One outcome of the project is a set of recommendations for bicycle facilities that can be used to access the station. These recommendations were

discussed in the session (see map below). The most pertinent recommendation is a bike lane on Lansdowne Avenue from Madison Avenue to the municipal border. Because this bike lane would increase multimodal access and serve as a traffic calming strategy, it was discussed in detail during the session. Additionally, SEPTA plans to add bike parking to the north side of the station to support bicycle access.

It is with this preliminary work that the Borough is actively seeking (August 2019) Bicycle Facility design experts to develop a plan and documentation for installing facilities concurrent with the PennDOT resurfacing of Lansdowne Avenue project in the second half of 2020. The Borough will seek grant funding to support the planning and implementation of this work.