



PROJECT: Wilder Blvd Outfall / Midtown Stormwater Improvements

LOCATION:



Concept Plan with Phasing – Proposed pond size and location TBD with Golf Course

BENEFITS:

Flood Mitigation and Water Quality

This project will mitigate flooding and provide stormwater treatment in new ponds located on the city’s golf course. In addition, by controlling floodwaters, overflow and mixing of sanitary sewer with the stormwater will not ultimately discharge to the Halifax River.

CONCEPTUAL ESTIMATED COST:

(Actual Costs TBD)

Phase 1	\$15,000,000
Phase 2	\$13,000,000
Phase 3	\$16,000,000

PROJECT DESCRIPTION:

Phased project to mitigate flooding in the project area which occurs during large intense storm events. The project area is susceptible to flooding because of the depressed “bowl” shaped topography. In addition to the rain that falls directly in this area, a large unmanageable amount of runoff enters the area via major breaches of the east berm of the Nova Canal.

Phase 1 includes construction of drainage conveyance system in Fairway Estates that takes water to a pond system on the City’s golf course. A large pump station will be constructed to pump stormwater to the Halifax River through a new Wilder Blvd. outfall.

Phase 2 includes a pump station at Butts Park and force main from Butts Park to Wilder Blvd.

Phase 3 includes construction of a control gate at Nova Canal with a box culvert from Nova Canal to Butts Park pond to divert water from the Nova Canal to the River. This will reduce staging in the canal to avoid it water breaching the berm. This phase also includes localized drainage conveyance systems throughout project area to ensure water gets to the ponds.