



# City of Casselberry

## Public Works Department

95 Triplet Lake Drive, Casselberry, Florida 32707 • Telephone (407) 262-7725, Ext. 1237  
Fax (407) 262-7767 • Email: [bmuckel@casselberry.org](mailto:bmuckel@casselberry.org)

### GEE CREEK EROSION CONTROL – PHASES II-IV

#### WHAT IS THE PROJECT?

This project consists of the installation of steel sheet-pile walls, gabion rock baskets and reno mattress retaining wall structures along certain segments of Gee Creek in an effort to control erosion of this waterway.

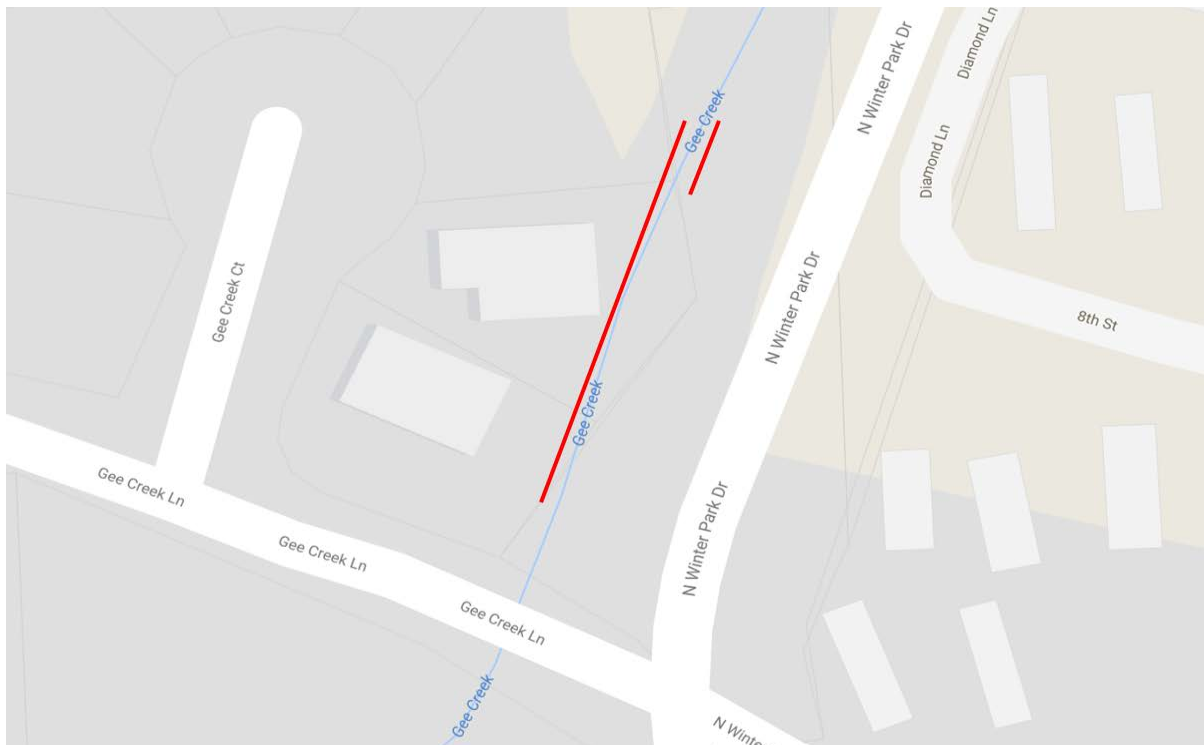
#### WHERE WILL THE PROJECT TAKE PLACE? IS MY STREET AFFECTED?

The majority of the construction activity will take place along the southbound lane of N. Winter Park Drive along the Gee Creek at Gee Creek Lane, segments of which are better illustrated in the maps below. The contractor is being granted three (3) five-day **weekday** road closure intervals in order to safely unload and drive the sheet-piles into the ground.

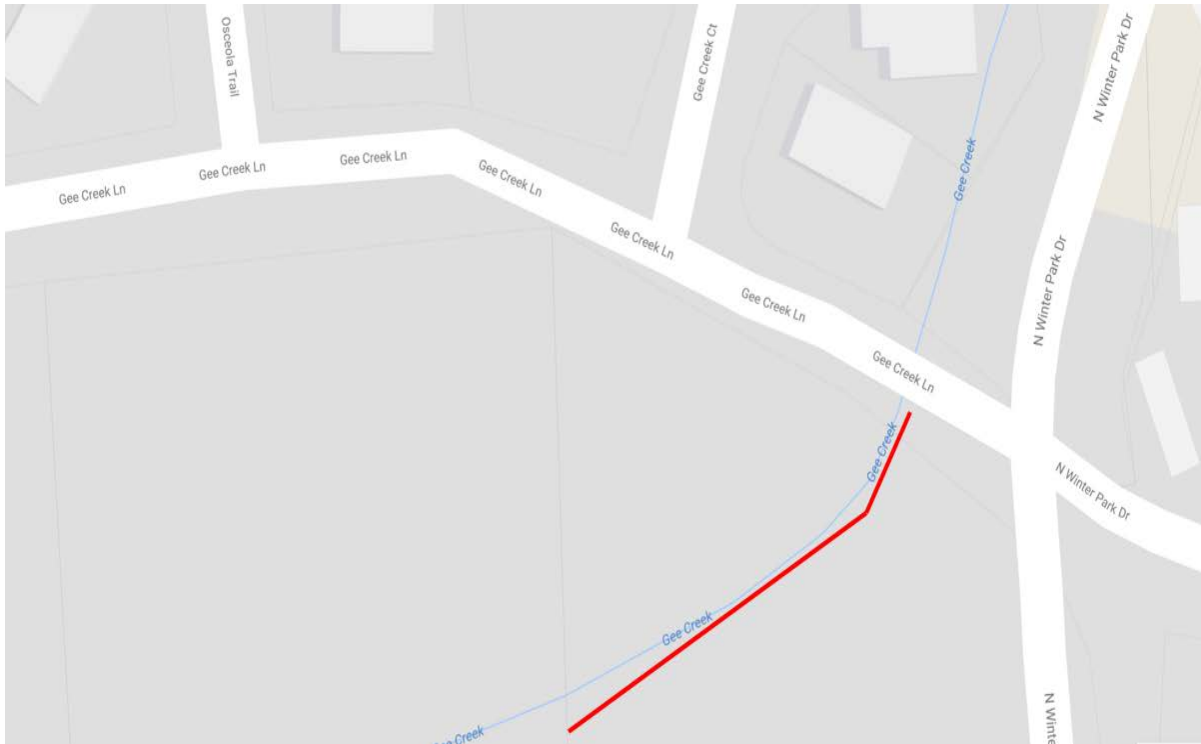
These closure intervals will begin on the morning of Monday, November 27<sup>th</sup> and terminate on the evening of Friday, December 15<sup>th</sup>. **THE ROADWAY WILL COMPLETELY RE-OPEN DURING SATURDAYS AND SUNDAYS. During the closure intervals, N. Winter Park Drive will be COMPLETELY CLOSED TO ALL TRAFFIC between Gee Creek Lane and Belle Avenue.** Traffic will be detoured to US 17/92 using detour signage and electronic message boards. Please plan your route accordingly. Pedestrian traffic will be detoured to the east side of N. Winter Park Drive during construction.

The areas of construction are illustrated in the maps below. The locations of the erosion control improvements are indicated by the red lines.

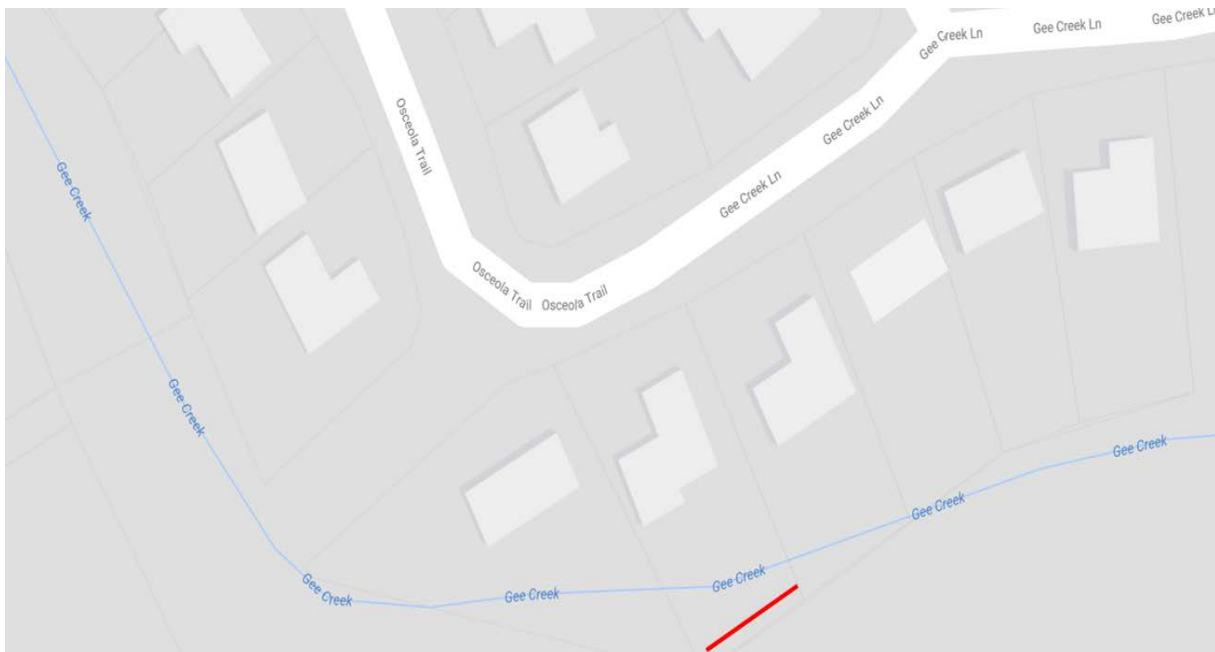
#### Phase II:



Phase III:



Phase IV:



**WHAT ARE SHEET PILES?**

Sheet piles are interlocked steel wall segments that are mechanically driven into the ground in order to control the erosion of soils caused by stormwater run-off and/or the movement of natural waterways that are in close proximity to a roadway or dwelling unit.

## **WHAT ARE GABION BASKETS AND RENO MATTRESSES?**

Gabion baskets and reno mattresses are both hexagonal wire mesh structures filled with rocks of a specified diameter that are placed in strategic locations to control erosion. Traditionally, gabion rock baskets are used for vertical structural applications, while reno mattresses are used for horizontal stabilization applications. For this project, gabion baskets will be stacked on top of reno mattress structures at the Gee Creek segment that runs along the rear of 914 Gee Creek Lane in order to create a unified retaining wall.

## **WHY IS THIS PROJECT BEING DONE?**

All of these erosion control devices are being installed along the banks of Gee Creek as added erosion control mechanisms, protecting the residential structures against further erosion created by the water flow of Gee Creek. The project will substantially improve the structural integrity and longevity of the dwelling units that abut the project limits. Erosion damage from historical and recent hurricane activity necessitated this project.

## **WHAT IS THE PROJECT SCHEDULE?**

Work on the project is anticipated to begin in late October-2017 and conclude by February-2018. Intermittant lane closures may occur during this period. As previously stated, three five-day total **weekday** road closure intervals of N. Winter Park Drive will occur in order to safely unload and drive the sheet-piles into the ground.

Please check [www.casselberry.org/lakes](http://www.casselberry.org/lakes) frequently for updates to this document and the project schedule.

## **DO I NEED TO DO ANYTHING?**

City staff will notify residents via door hangers in advance of any project activities that may require resident action.

## **HOW MUCH DOES THIS PROJECT COST? HOW IS THIS PROJECT BEING FUNDED?**

The construction cost of this project is approximately \$550,000.00. The project is being funded by two sources: the City of Casselberry Stormwater Utility Fund and grant funding from the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS).

## **IF I HAVE CONCERNS DURING OR AFTER THE PROJECT, WHO SHOULD I CONTACT?**

Questions regarding the project can be directed to the Construction and Permitting Manager, Brad Muckel (407) 262-7725 ext 1237 or [bmuckel@caselberry.org](mailto:bmuckel@caselberry.org).

(Last Updated: 11/14/2017)