

BUILDING A BETTER 1-4

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Lake Ivanhoe Outfall Drainage Structure

The Florida Department of Transportation (FDOT) is enhancing the City of Orlando's lake control system adjacent to the Lake Ivanhoe Shores neighborhood.

As part of the I-4 Ultimate project, FDOT is installing new underground pipes below Gurtler Court designed to carry excess water from Lake Ivanhoe to Lake Formosa, east of Orange Avenue. 72-inch diameter concrete pipe, installed more than 24 feet below ground, will channel water away from a new Lake Ivanhoe outfall drainage structure to existing pipe under New Hampshire Street.

Construction is limited to daytime hours from dusk to dawn. Closing sections of Gurtler Court parking provides crews space to work and keeps residents and pedestrians safely away from the workzone. I-4 Ultimate anticipates completion of drainage work under Gurtler Court fall 2017.

The canopy and root system of a large Oak Tree at the edge of Gurtler Court along Lake Ivanhoe will be trimmed by a professionally licensed and trained arborist to accommodate a new lake outfall drainage structure. The City of Orlando's Urban Forester will be consulted during the trimming. Drainage pipes will be approximately 14 feet away from the base of the tree, a modification of the original design. Existing drainage facilities and constraints were considered during evaluation and design of the new drainage system. The contractor is environmentally sensitive and is making every effort to preserve the health of the tree. Additional trees and landscaping are planned when work is complete.



Artist interpretation of proposed plan. Image not to scale.

PROJECT INFO

The \$2.3 billion I-4 Ultimate project is reconstructing 21 miles of interstate from west of Kirkman Road to east of State Road 434 in Longwood. For more information about I-4 Ultimate, contact David Parks, I-4 Ultimate Public Information Officer, at 844-ULT-INFO (844-858-4636) or DavidParks@i4Ultimate.com.



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