

P15 - Southbrook/Otter Creek/Chadwick/Wildlife

Background Information

Drainage Basin:	Iamonia
Prior Studies by NFWMD and/or CDM that identified this issue:	CDM
Impacted parcels are served by road and/or drainage systems that are:	Public
Proposed improvements are located on property that is:	Public
Development of the impacted property occurred on or before:	1972

The project is located in the Killearn Lakes subdivision with a 750-acre contributing area extending beyond Bull Headley Road on the west, Deerlake on the east, and Birschbach Way on the south. This project involves construction in the Killearn Lakes Homeowners Association green space, while the previous Proctor Watershed project upstream was restricted to road right-of-way.

Description of Problem

General Problem Type:	Structural and Yard Flooding
Problem Source:	Conveyance Deficiency

Residents currently experience structure and yard flooding during high-intensity storm events due to inadequate conveyance capacity in the greenways, which serve as the natural drainage system. In high-volume events, Lake Iamonia rises and prevents flow under Chadwick Way, the final crossing before the lake. Flooding conditions do not prevent access to the residential homes in the area.

Recommended Solution:

Estimated Cost of Solution	\$2,000,000
Number of Parcels Benefiting from Proposed Improvements	27
Estimated Cost per Parcel Benefiting	\$74,074
Implementation Vehicle for Proposed Improvements	Capital Improvement Project

The proposed project creates approximately 11 acres of flood storage area within the greenways north of Otter Creek Trail and Wildlife Trail. Two homes on Southbrook Lane and one home on Otter Creek Trail cannot be protected and will be purchased to expand the greenway flood storage area.

Alternate Solutions:

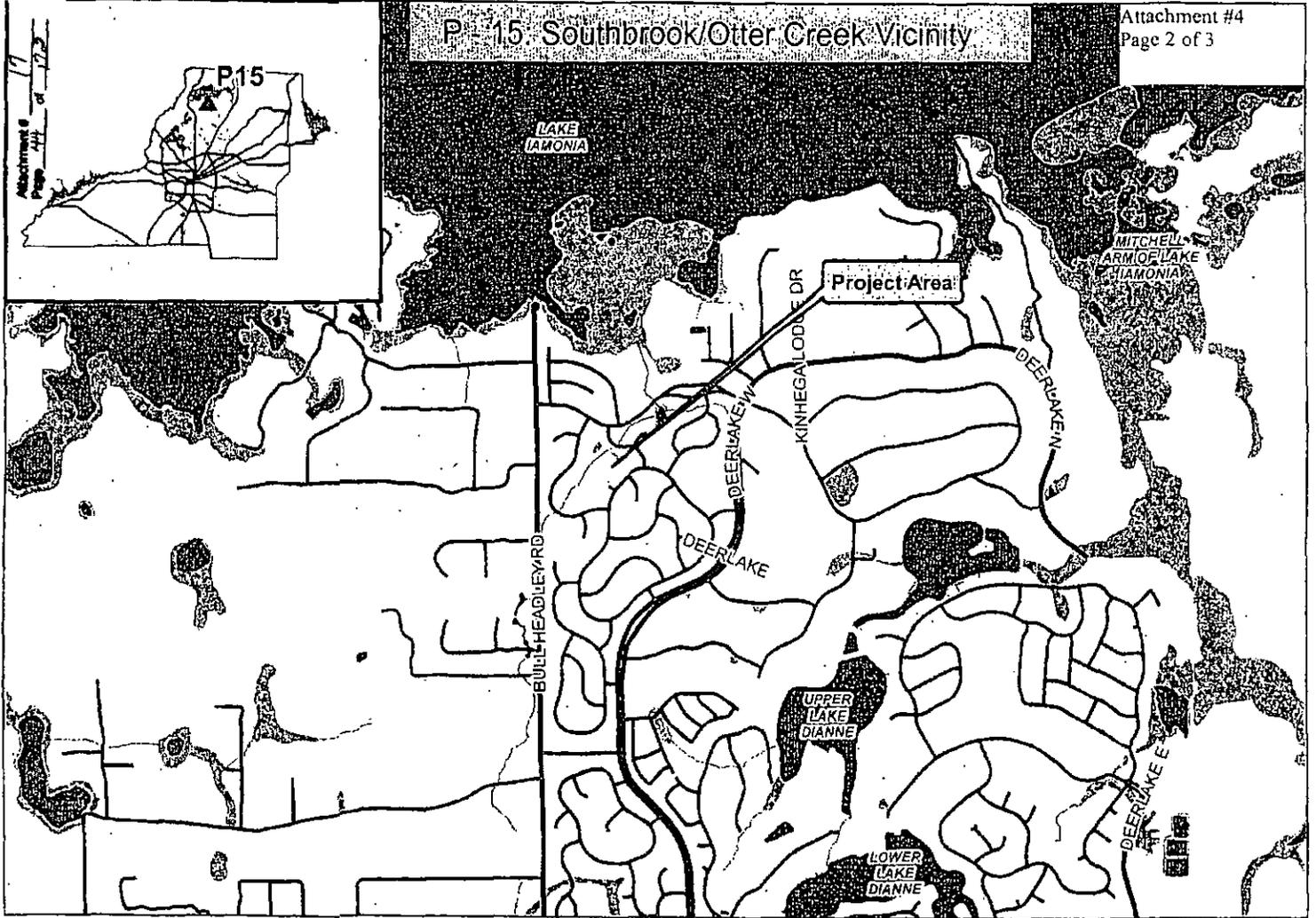
No action will result in continued yard flooding and structural flooding and potential greater impacts in storm events more severe than those experienced to date. Acquiring all affected properties would require \$12.7 million, significantly more than the recommended solution.

Issues to be Resolved During Project Development:

Permitting may identify floodplain and wetland mitigation issues which are not included in the current cost estimate. The Killearn Lakes Homeowners Association retains control of the greenways and must approve any modifications.

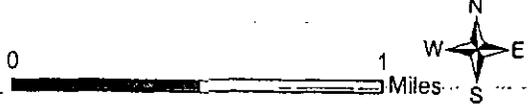
Attachments:

Vicinity Map
Project Map



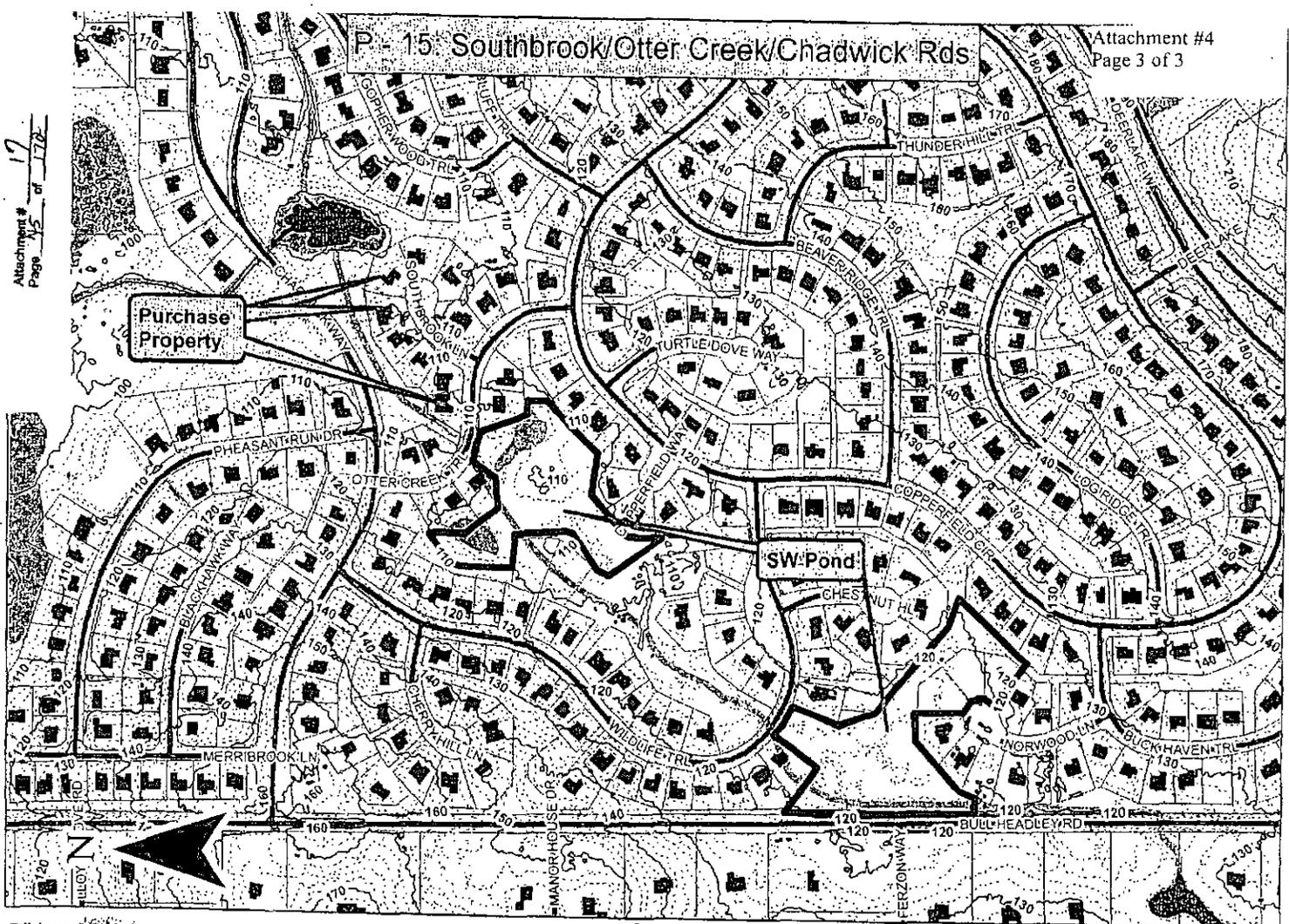
P-15 Southbrook/Otter Creek Vicinity

Attachment #4
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- Roads
- Major Roads
- Water Bodies
- Wetland

NOTE: This project has been compiled from the most accurate source data from Leon County, the City of Tallahassee, and the Leon County Property Appraiser's Office. However, this project is for reference purposes only and is not to be construed as a legal document or survey instrument. Any reliance on the information contained herein is at the user's own risk. Leon County, the City of Tallahassee, and the Leon County Property Appraiser's Office assume no responsibility for any use of the information contained herein or any loss resulting therefrom.



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- Waterbody
- Wetlands
- Buildings
- Parcels
- Roads
- Index Contours
- Inter Contours

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