



Utilities Department

McLeod Road Transfer Station Update

July 11, 2017



Presentation Overview

- **Background**
- **Update**
- **Requested Action**



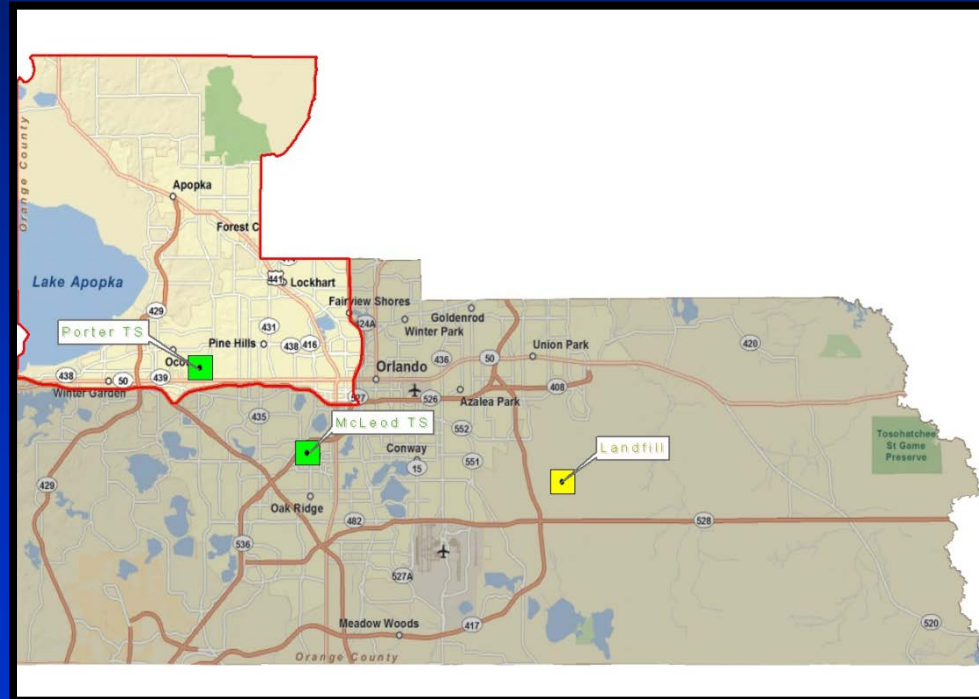
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Background

- There are two transfer stations that deliver waste to the Orange County Landfill
- Transfer stations allow for garbage truckloads of waste to be loaded into an 18-wheeler
- Transfer stations reduce traffic and emissions while providing more efficiency for collection routes





Background



- Porter Transfer Station began operations in 1972 and was updated in 1989

Background

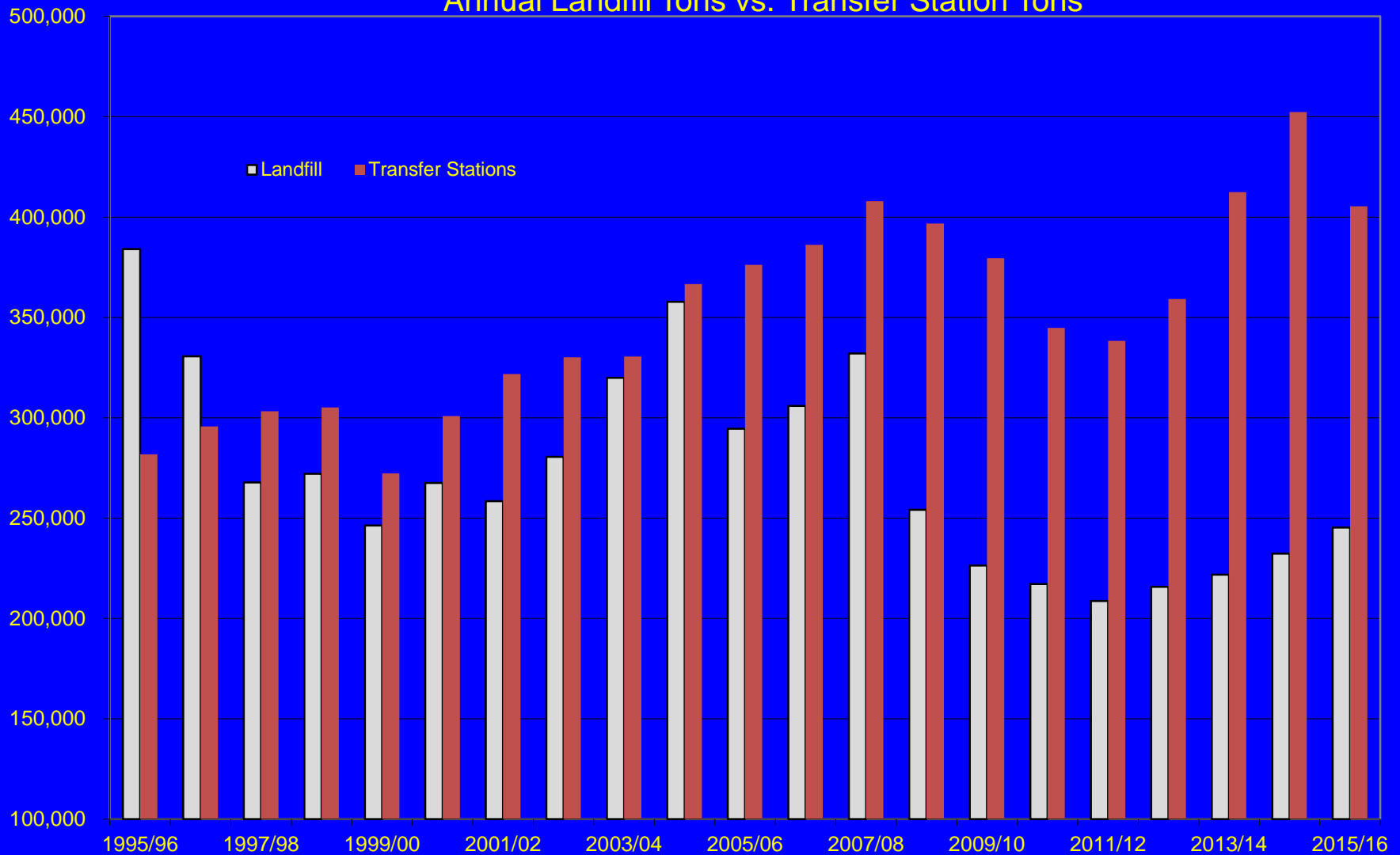


- **McLeod Road Transfer Station was a City of Orlando incinerator built in 1972 and Orange County converted it to a transfer station in 1986**



Background

Annual Landfill Tons vs. Transfer Station Tons



Background

- Due to the age of the facilities and to better handle growth, both facilities are scheduled for upgrades





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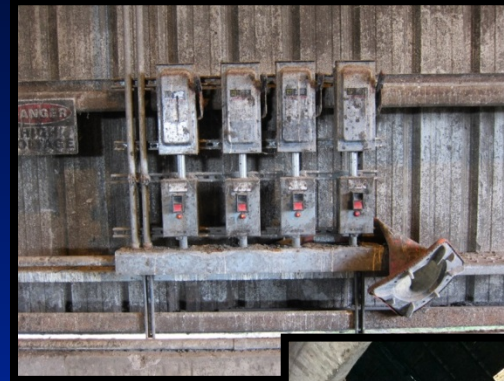
Update

- September 24, 2013 - BCC approved a \$1.6 million contract based on an estimated \$8 million rehabilitation of the McLeod Road Transfer Station



Update

- Initial review of McLeod Road Transfer Station revealed:
 - Electrical system doesn't meet current code
 - Floor foundation requires full replacement
 - Leachate system wells and pumps need to be replaced
 - Underground piping needs replacement





Update

- Initial review concluded it is more cost effective to rebuild the facility than to upgrade
- The rebuild will modernize the facility to provide more efficiencies and benefits to citizens and businesses
- Operations to be temporarily suspended during construction (10-12 months) and waste will be directed to Porter Transfer Station and landfill

Update

- **Contract was modified to incorporate the rebuilding**
 - **Amendment 1 was issued December 8, 2015, for \$1,289,743 for preliminary design and permitting of the rebuild**





Update

- **During preliminary design and permitting, several items were identified to improve efficiencies and safety**
 - Additional land
 - Stormwater system design and improvements
 - Sewer system replacement
 - New scalehouse with outbound scales
- **Contract amendment needed to address changes identified in preliminary design**

Update

- Amendment 2 for \$2,785,318.80 includes final design, permitting, conducting substantial and final inspections, and certification of construction documents for FDEP and the City of Orlando





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Requested Action

- **Approval of Amendment No. 2, Contract Y13-808, Professional Engineering and Design Services for replacement of L.B. McLeod Road Solid Waste Transfer Station with Neel-Schaffer, Inc. in the amount of \$2,785,318.80 for a revised contract amount of \$4,379,609.28**