



WAKE

Timeline

- ★2003 Tri-Data Fire/EMS Capital Facility and Equipment Study recommended evaluating stations for possible service replacement
- ★2005 Long range business plan recommended evaluating stations
 - Included criteria to be used in evaluation
- ★Western Wake Fire Station #2 is first station evaluated

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Timeline

- ★January 17, 2008, Long range business plan recommended evaluating four stations concurrently
 - Bay Leaf Fire Station #3
 - Falls Fire Station
 - Wake-New Hope Fire Station #1
 - Western Wake Fire Station #1

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2009 Evaluation

- ★GIS used to analyze and evaluate fire station criteria
 - Reviewed maps with and received feedback from Facility Committee
 - 35 mph speed limit recommended by Facility Committee
- ★ Departments provided fire incident report data and budget information for each station

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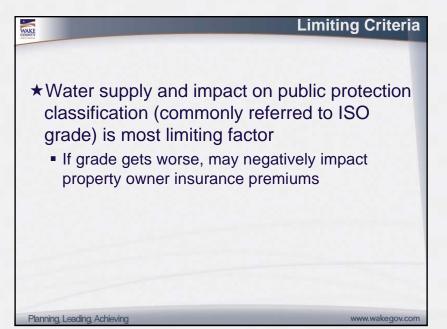


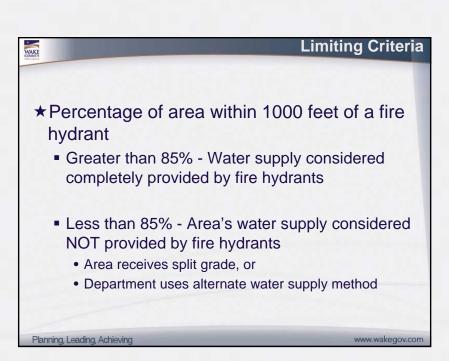
- **★**GIS analysis complete
- ★ Criteria evaluation complete (except for Raleigh contract cost)
- ★Waiting on contract cost information from Raleigh Fire Department

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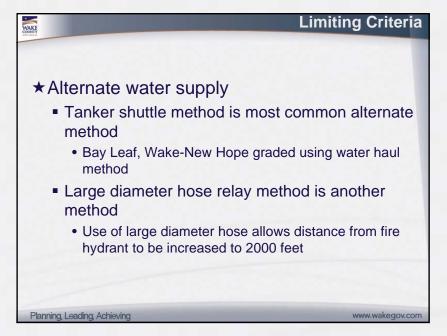
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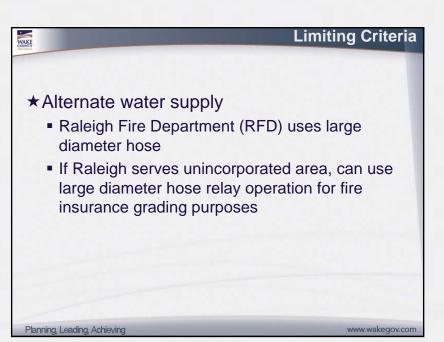
















★Bay Leaf Fire Station #3

- RFD can respond quicker and with more personnel on the first unit on a 24/7 basis
- 70% of area within 1000 of fire hydrant
- 91% of area more than five road miles from Bay Leaf #1 and #2 is within 1000 feet of fire hydrant
- Although cost avoidances in CIP can be realized, waiting on RFD cost data to compare contract costs

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Evaluation and Application Summary

★Bay Leaf Fire Station #3

- Recommendation
 - Extend fire insurance district boundaries to maximum of 5 road miles from Bay Leaf #1 and #2
 - Create a "Raleigh Suburban Fire District" to include areas more than 5 road miles from other stations
 - Contract with RFD to serve Raleigh Suburban District
 - Contingent on cost evaluation

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★Falls Fire Station

- RFD can respond quicker and with more personnel on the first unit on a 24/7 basis
- 67% of area within 1000 of fire hydrant
- Wakefalls subdivision largest area not served by fire hydrants
 - Is within 5 road miles of Wake Forest Fire Station #2
- CIP cost avoidances can be redirected to fire service needs in other developing areas of County

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Evaluation and Application Summary

★Falls Fire Station

- Recommendation
 - Extend fire insurance district boundaries to maximum of 5 road miles from Wake Forest #2 to include Wakefalls subdivision
 - Add the area that is more than 5 road miles from WFFD #2 to the Raleigh Suburban Fire District
 - RFD provides service in Raleigh Suburban Fire District

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★Wake-New Hope Fire Station #1

- RFD can respond quicker and with more personnel on the first unit on a 24/7 basis
- 65% of area within 1000 of fire hydrant
- 85% within 2000 feet of fire hydrant
- CIP cost avoidances can be redirected to fire service needs in other developing areas of County

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Evaluation and Application Summary

★Wake-New Hope Fire Station #1

- Recommendation
 - Add station's service area to Raleigh Suburban Fire District
 - RFD provides service in Raleigh Suburban Fire District
 - RFD will need to request fire insurance grading using the large diameter hose relay method of water supply

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★Western Wake Fire Station #1

- RFD can respond quicker and with the same or more personnel on the first unit on a 24/7 basis
- 42% of area within 1000 of fire hydrant
- 98% within 1000 feet of fire hydrant if private hydrants included and I-40 excluded (not "builtupon" area)
- CIP cost avoidances can be redirected to fire service needs in other developing areas of County

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Evaluation and Application Summary★Western Wake Fire Station #1

- Recommendation
 - Divide station's service area between Raleigh Suburban Fire District and Cary Suburban Fire District
 - RFD provides service in Raleigh Suburban Fire District and Cary Fire Department provides service in Cary Suburban Fire District

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- **★**Recommended Timeline
 - Three-year transition plan recommended
 - Bay Leaf #3 July 1, 2010
 - Falls Fire Station July 1, 2011
 - Wake-New Hope Fire Station #1 July 1, 2012
 - Western Wake Fire Station #1 July 1, 2012

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