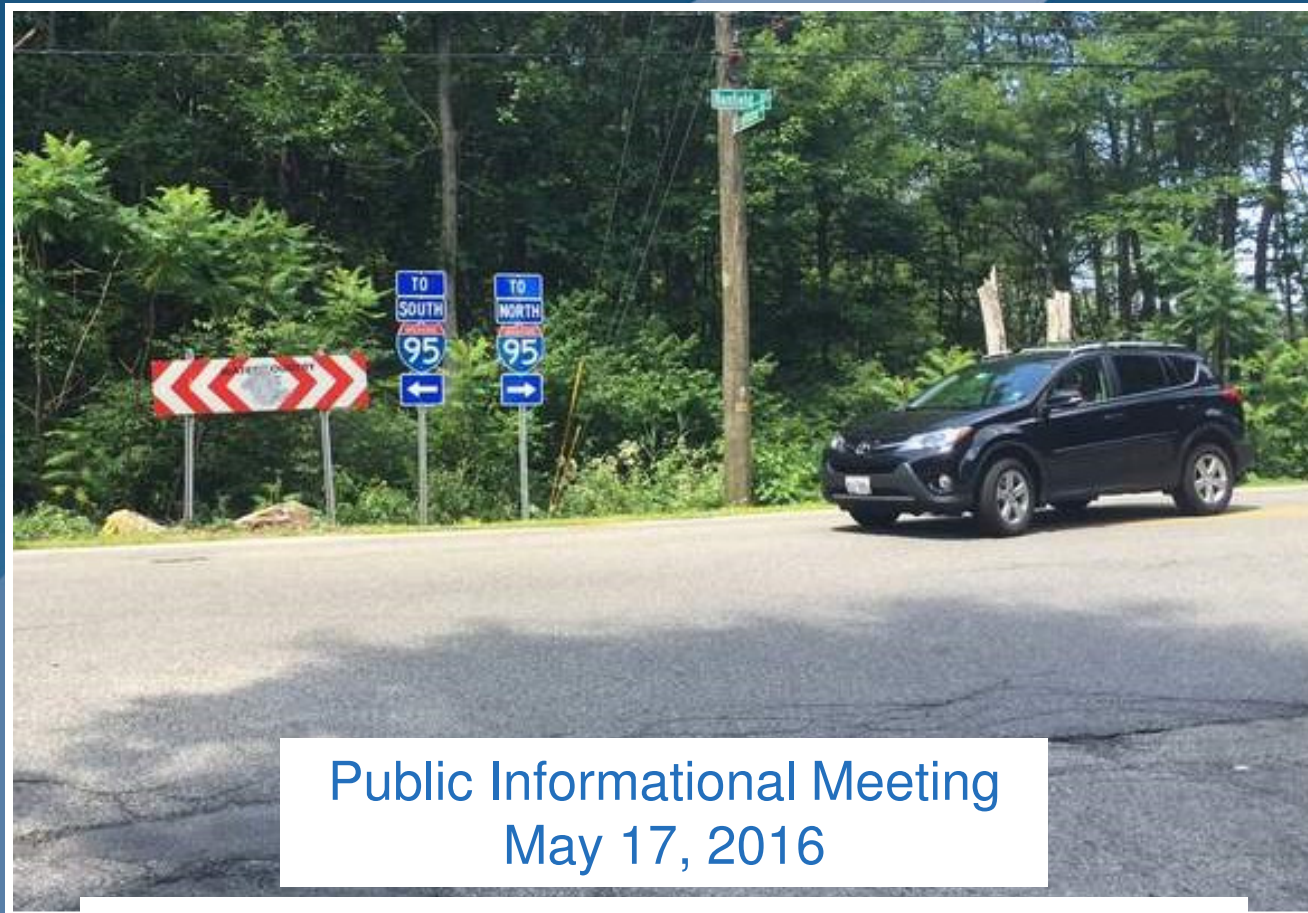


City of Portsmouth – Water Country Driveway Departure Alternatives



Public Informational Meeting
May 17, 2016

Note: Slide #5 was corrected on May 25, 2016



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City of Portsmouth – Water Country Driveway Departure Alternatives

Purpose of Study

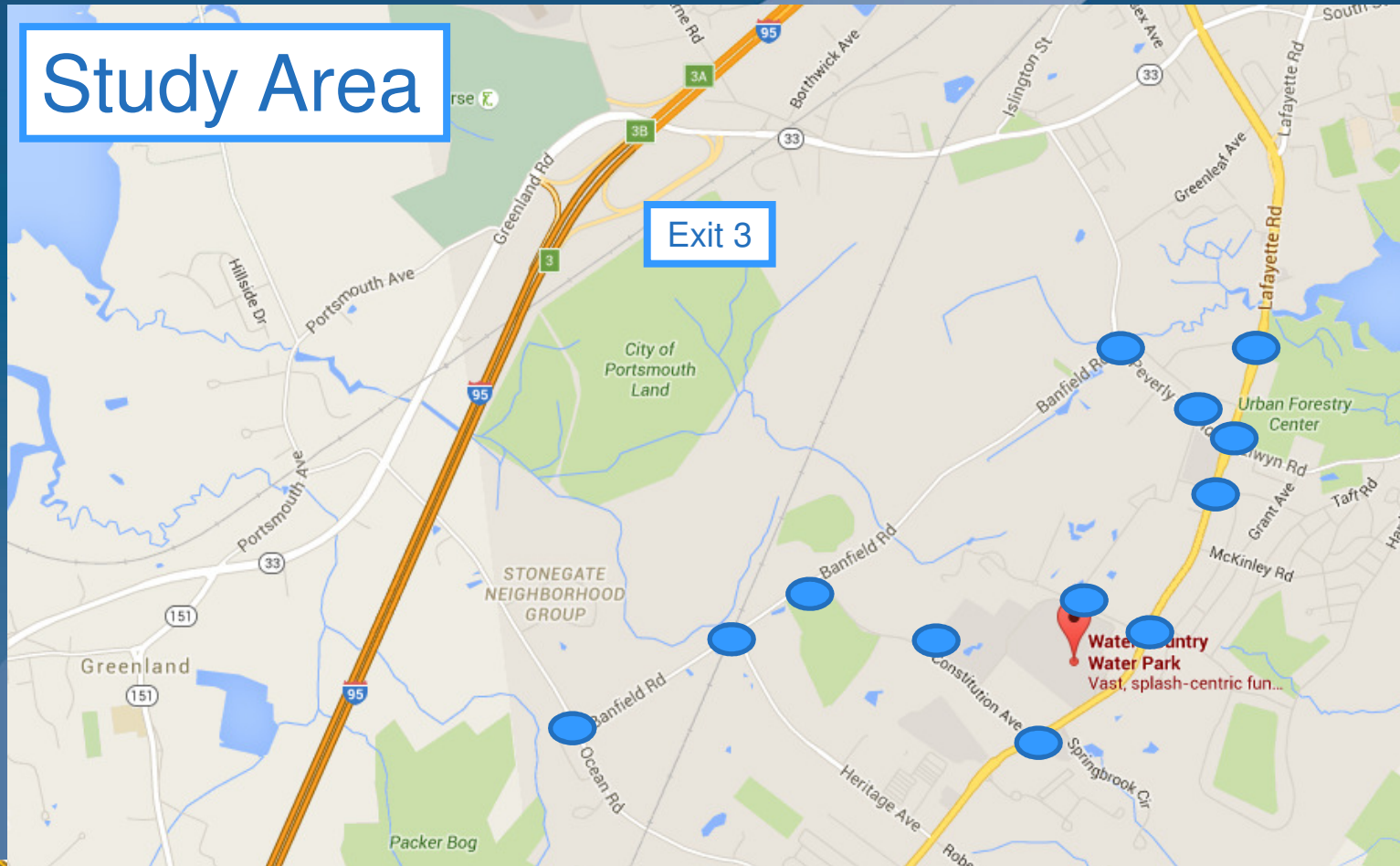
To evaluate three community-inspired alternatives for exit routes that Water Country patrons could use to return to the highway



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Study Process

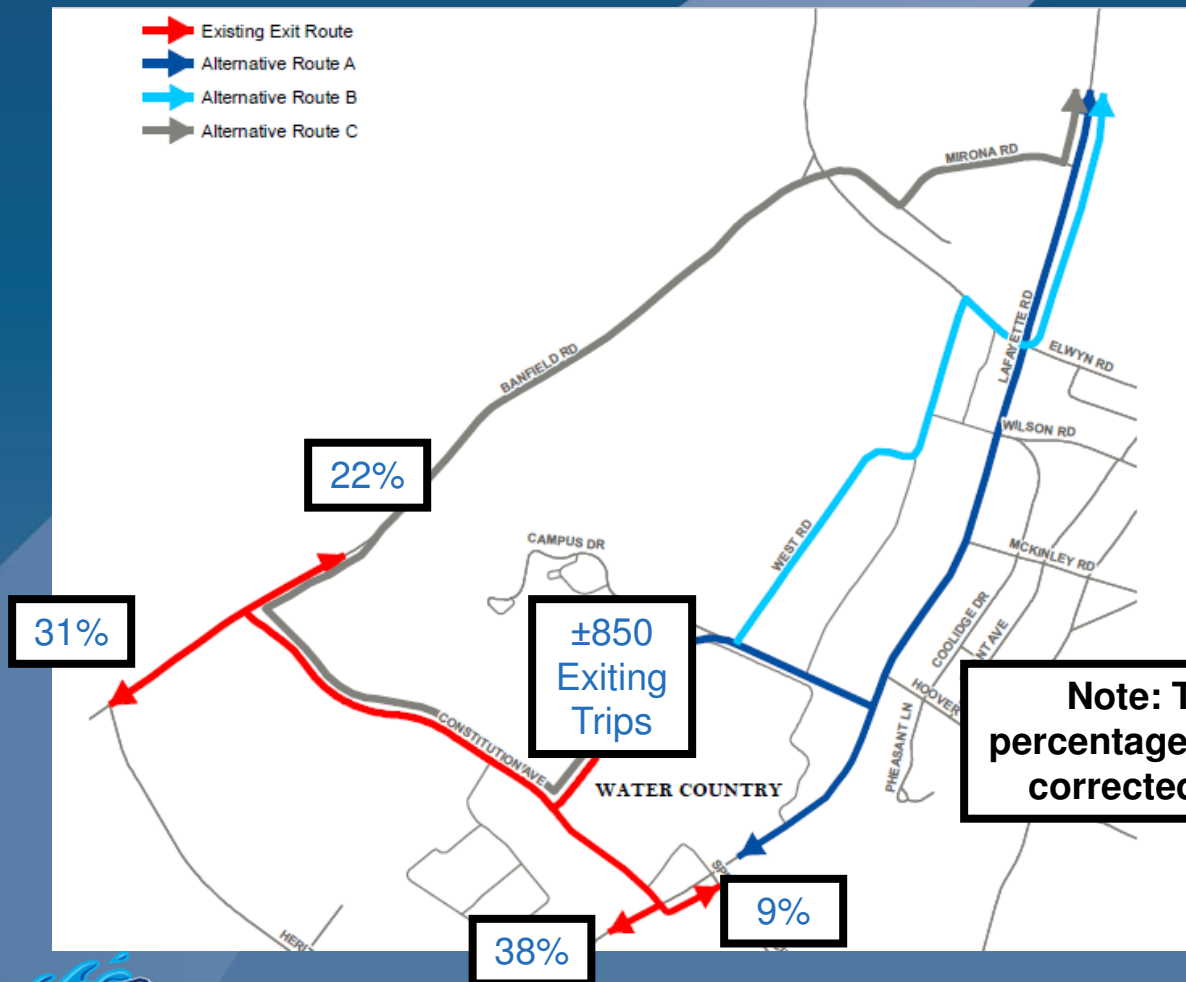
- Review existing data sources
- Review seasonal adjustments to data
- Analyze redistribution characteristics
- Analyze capacity of nearby intersections
- Offer recommendations for egress



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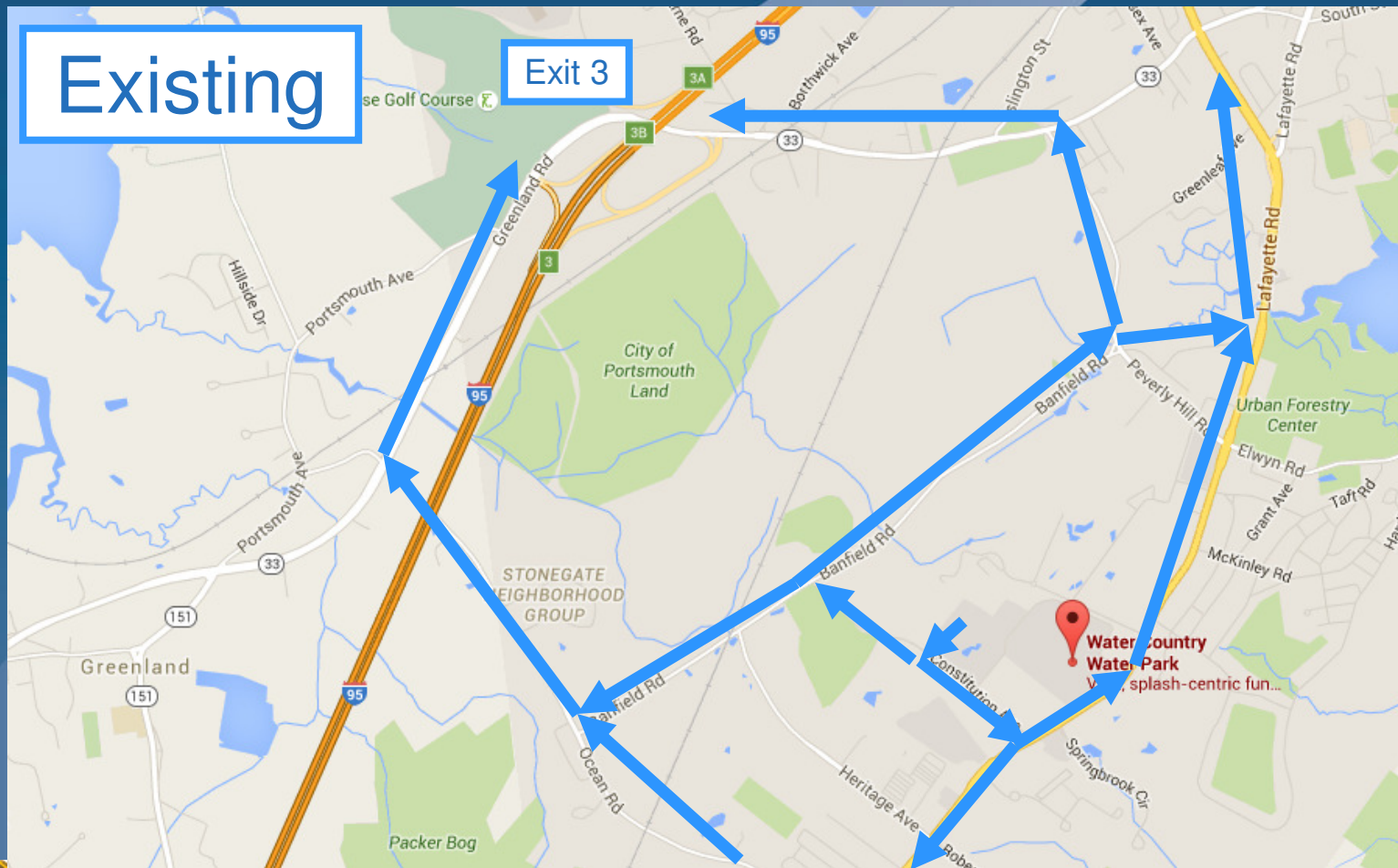
Note: The distribution percentages on this slide were corrected on May 25, 2016



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City of Portsmouth – Water Country Driveway Departure Alternatives

Existing Conditions

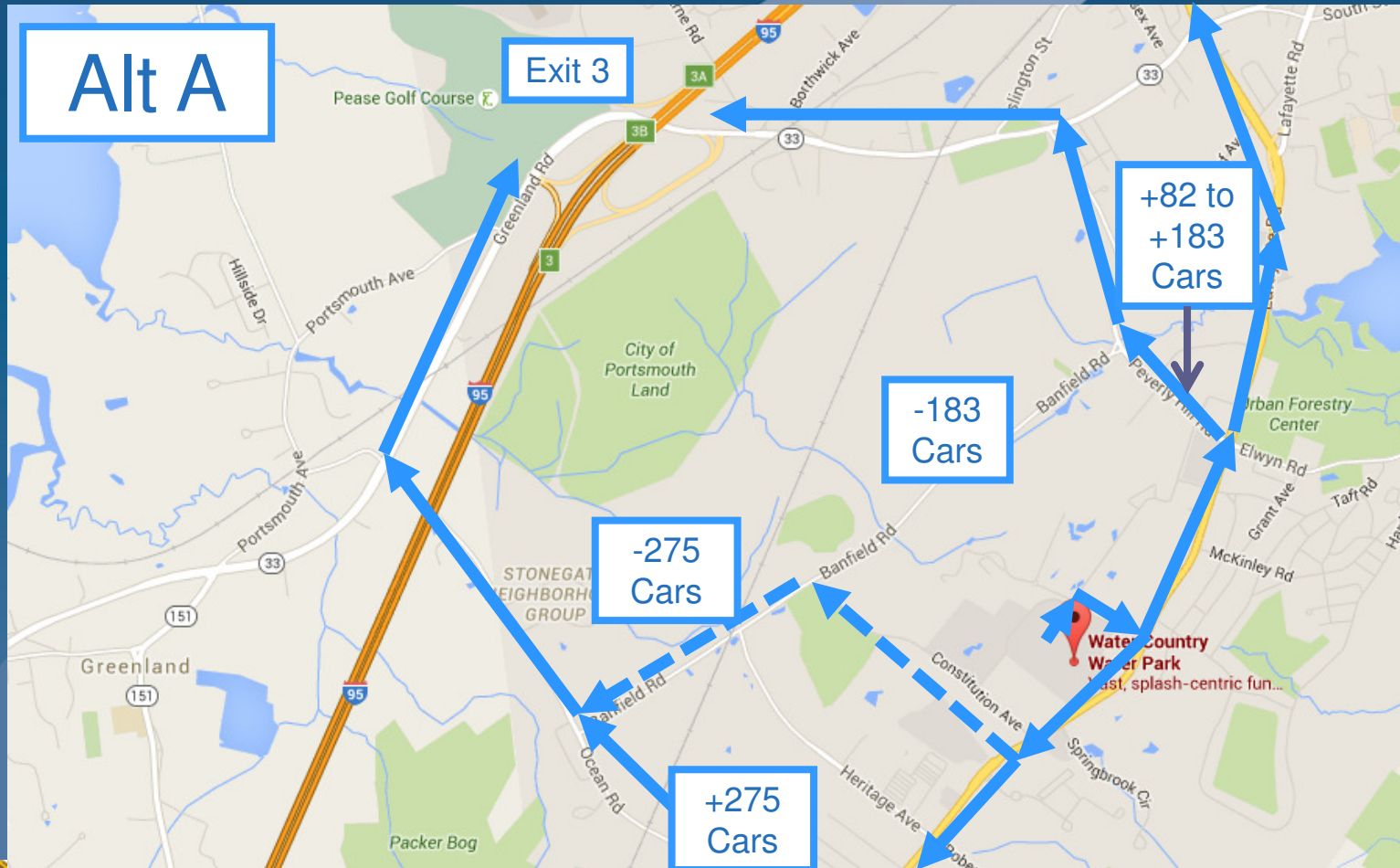
- Traffic distributes to Constitution Ave in both directions (Banfield Rd and Route 1)
- I-95 South directed to Ocean Road
- I-95 North directed to Peeverly Hill Road and Mirona Road
- Significant number of patrons exit to Route 1
- High volumes, but no significant delays



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Alternative A – West Road

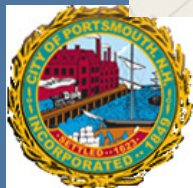
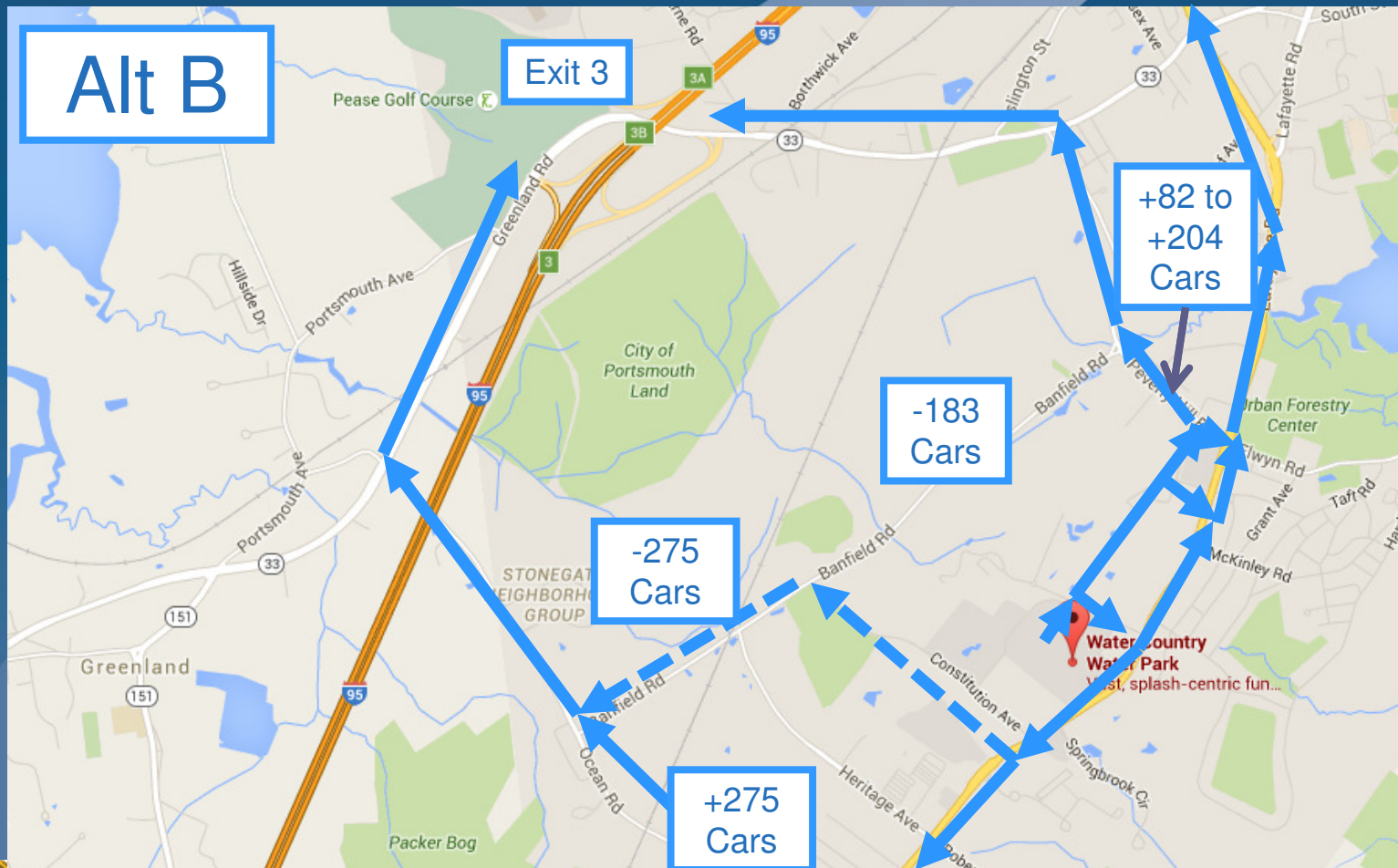
- No direct egress to Constitution Ave
- New West Road egress driveway
- All traffic assumed to head toward Route 1
- Assumed new traffic signal – marginal warranting condition and high delays
- Significant infrastructure needs (\$1.0M+)
- Traffic may still use Constitution Ave to Ocean Rd



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Alternative B – West Rd/ Peverly Hill Rd

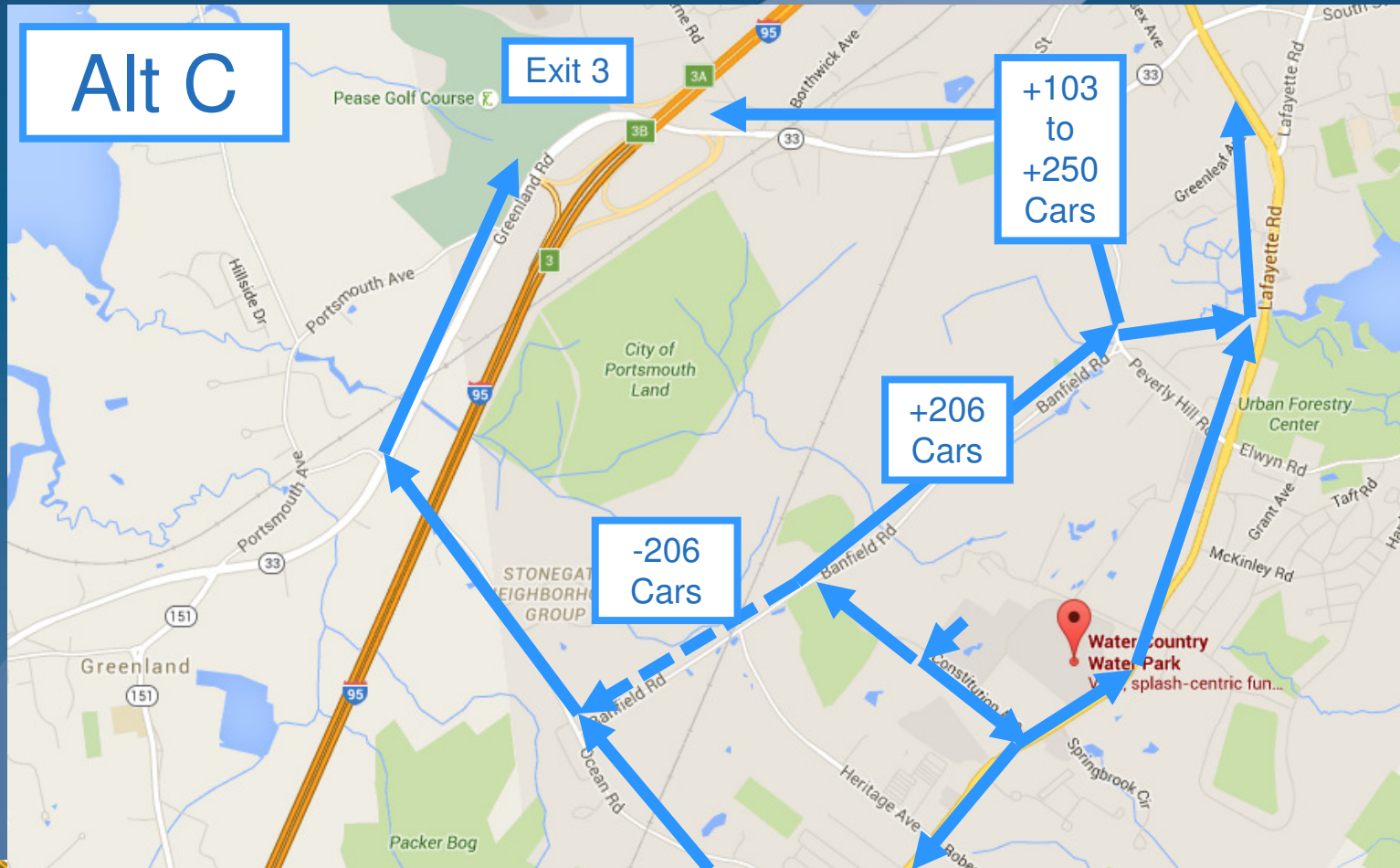
- No direct exit to Constitution Ave
- New West Road egress driveway
- Most traffic assumed to head toward Peverly Hill Rd
- Limited ability to control movements without police
- Extensive queuing and blocking at Route 1
- Potential for private roadway impacts (Wilson Rd)
- Likely use of Exit 3 via Peverly Hill Rd



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Alternative C – Banfield Road North

- Maintains exit on Constitution Ave
- Improves guide signs to encourage right-turns
- Most traffic assumed to head toward Peverly Hill Rd
- GPS may still direct patrons to use Ocean Road
- Increased impacts to Peverly Hill Rd
- May be tested and observed without significant \$



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City of Portsmouth – Water Country Driveway Departure Alternatives

Conclusions & Recommendations

- Existing exit pattern provides the most options to distribute traffic to area roadways
- Impacts appear balanced in residential areas
- West Road access will require a significant investment and will likely impact Peverly Hill Rd and private parties – police details likely needed to control alternative traffic patterns

TEC Recommends: **Maintain Existing Patterns**



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City of Portsmouth – Water Country Driveway Departure Alternatives

Suggested Next Steps

- Coordinate with NHDOT for comments on study
- Collect additional counts during Summer 2016
- Further evaluate neighborhood impacts associated with redistribution
- Possibly test and observe redistribution of Alternative C with DPW/Police during Sat/Sun peak departure period



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