Mark Center (BRAC) Transportation Study

Presented to: BRAC/Mark Center Advisory Group

Presented by: Chris Gay, AICP (VHB)

August 19, 2009

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Study Area

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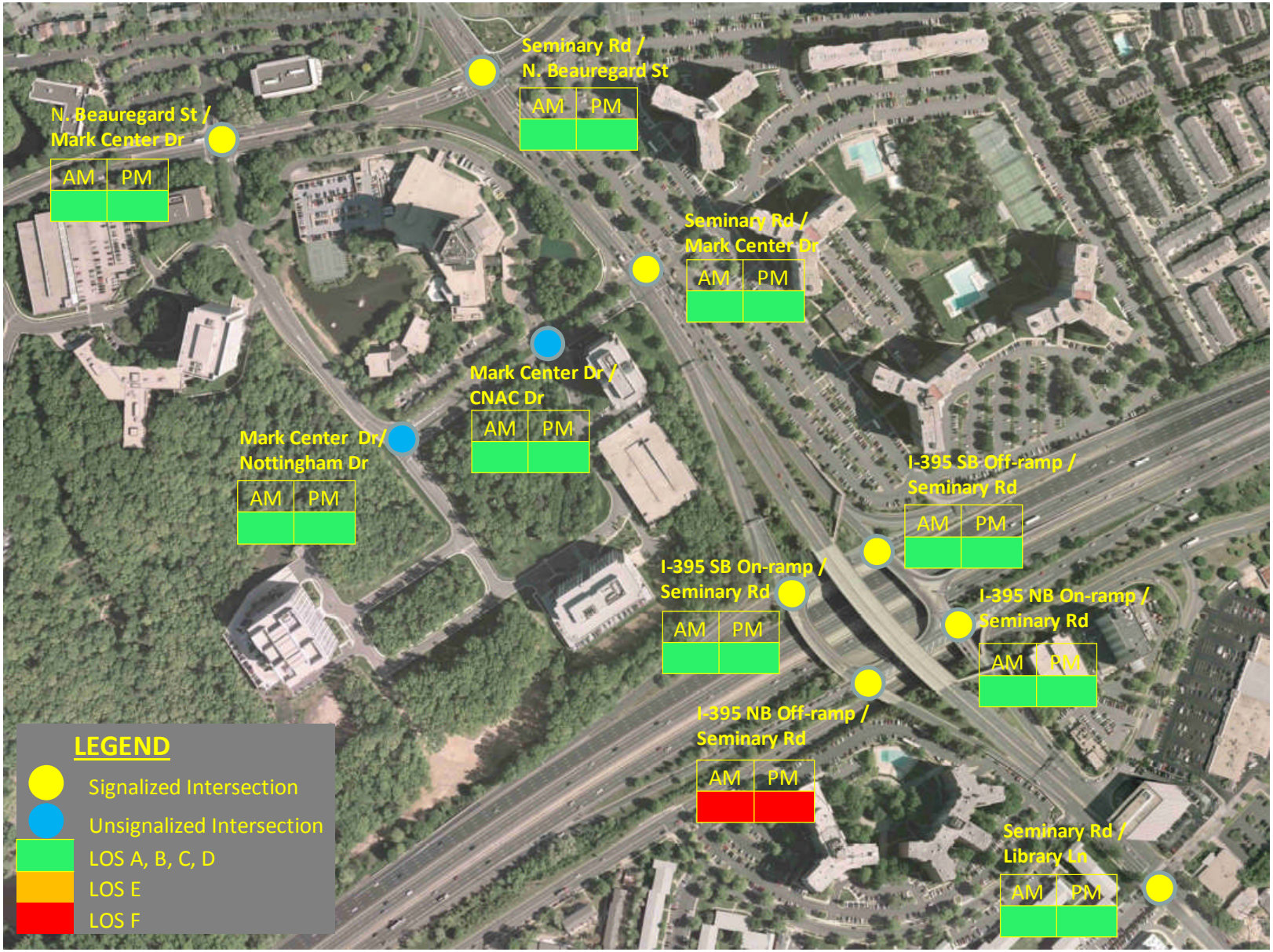
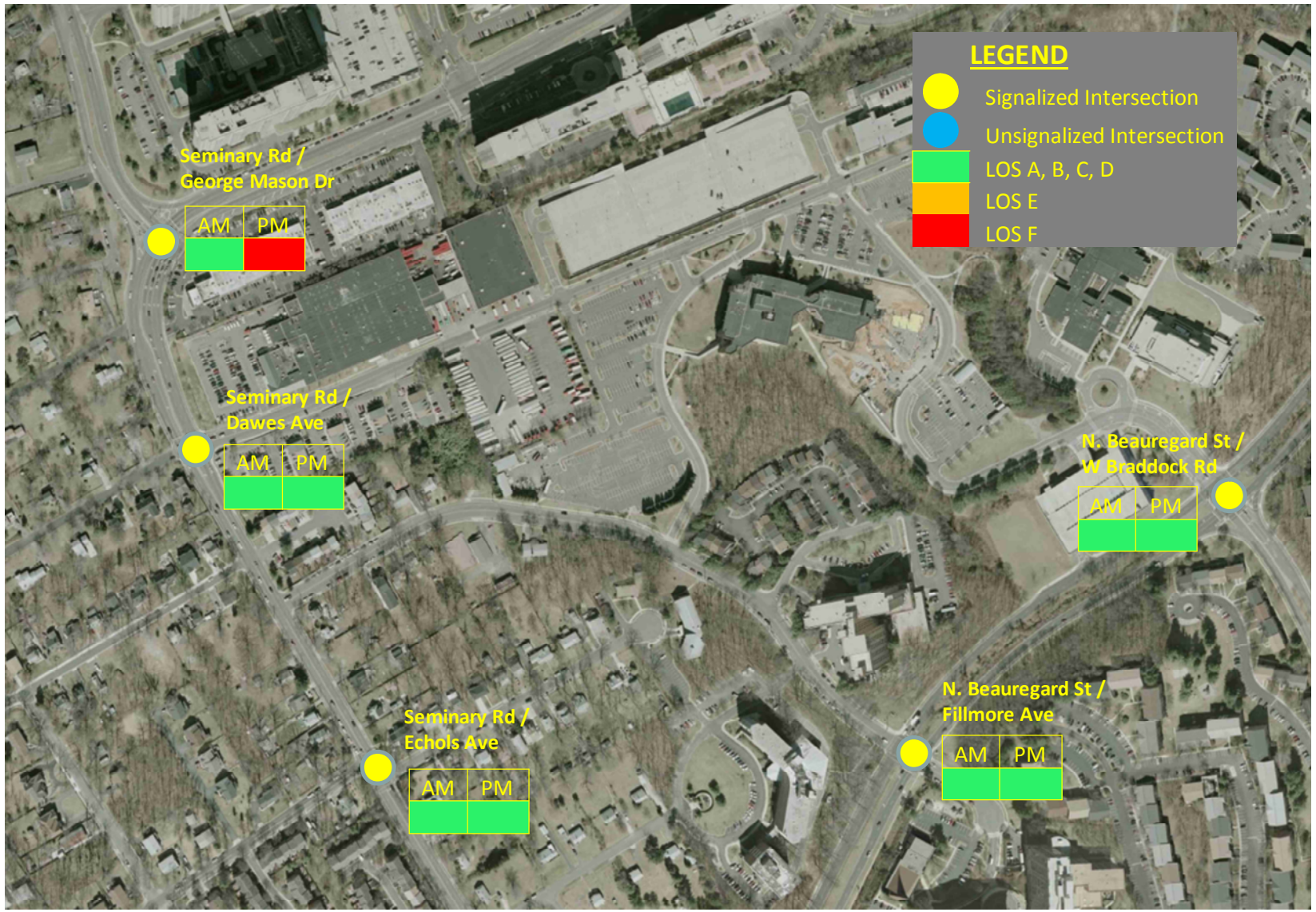
Existing Conditions Levels of Service

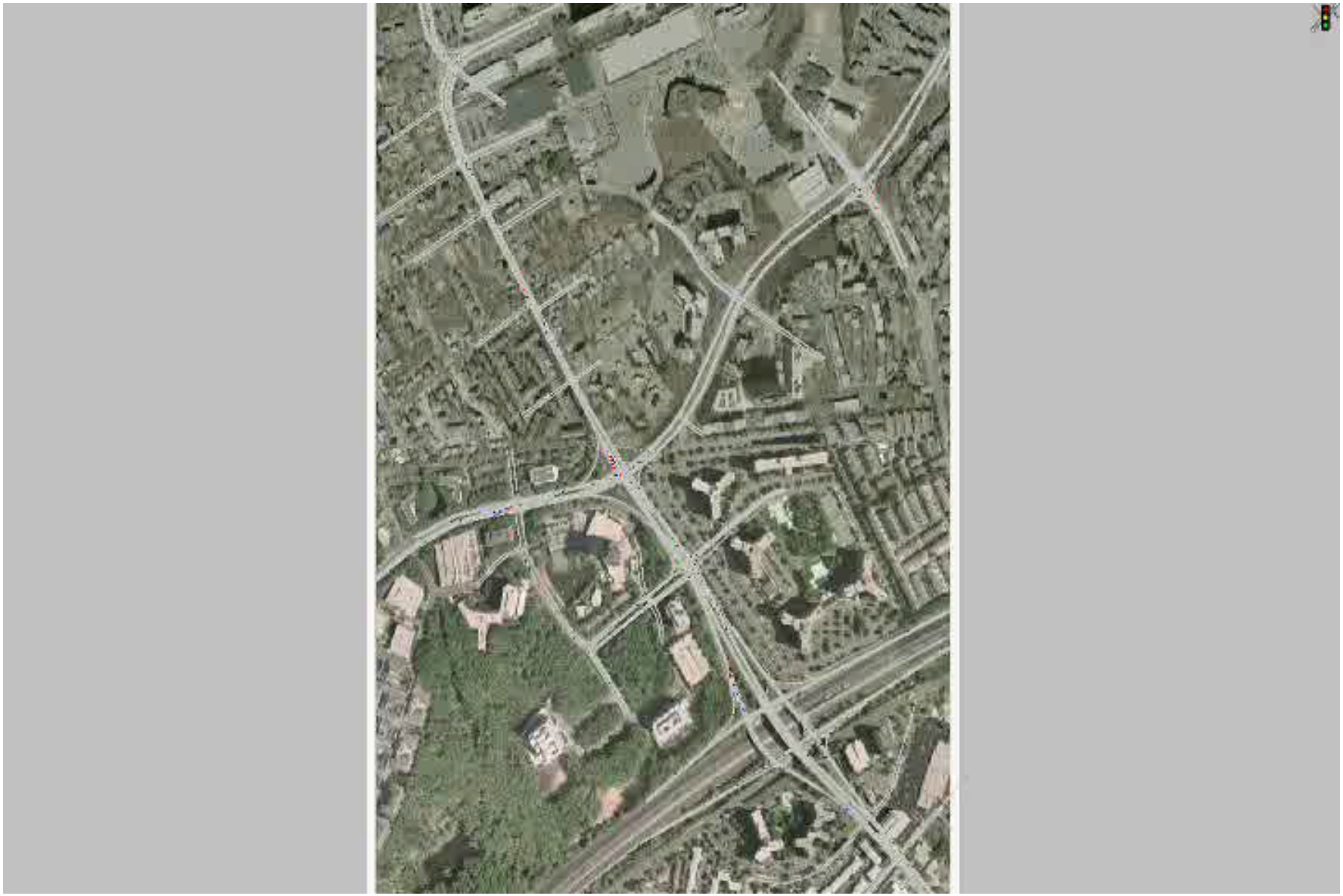


Existing Conditions Levels of Service



Existing Conditions - AM Peak Hour

VISSIM Traffic Simulation



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Existing Conditions - PM Peak Hour

VISSIM Traffic Simulation

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Proposed Trip Generation (2013)

	AM Peak Hour			PM Peak Hour		
	In	Out	Total	In	Out	Total
BRAC 133 including Employees and Visitors	1,195	79	1,274	148	1,195	1,343
Additional Project Trips Occupying the Available 273 Parking Spaces (40% during peak hour)	110	0	110	0	110	110
IDA 5 Buildings	413	57	470	74	359	433
4661 Kenmore Avenue Development (Medical Office Bldg)	205	55	260	89	241	330
Total	1,923	191	2,114	311	1,905	2,216

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Scenarios to Be Tested

- 2011 No Build (no new ramp or intersection improvements)
- 2013 No Build (no new ramp or intersection improvements)
- 2013 Build Alternatives
  - New ramps w/o additional left turn lanes
  - New ramps with additional left turn lanes
  - Additional left turn lanes only (no new ramps)

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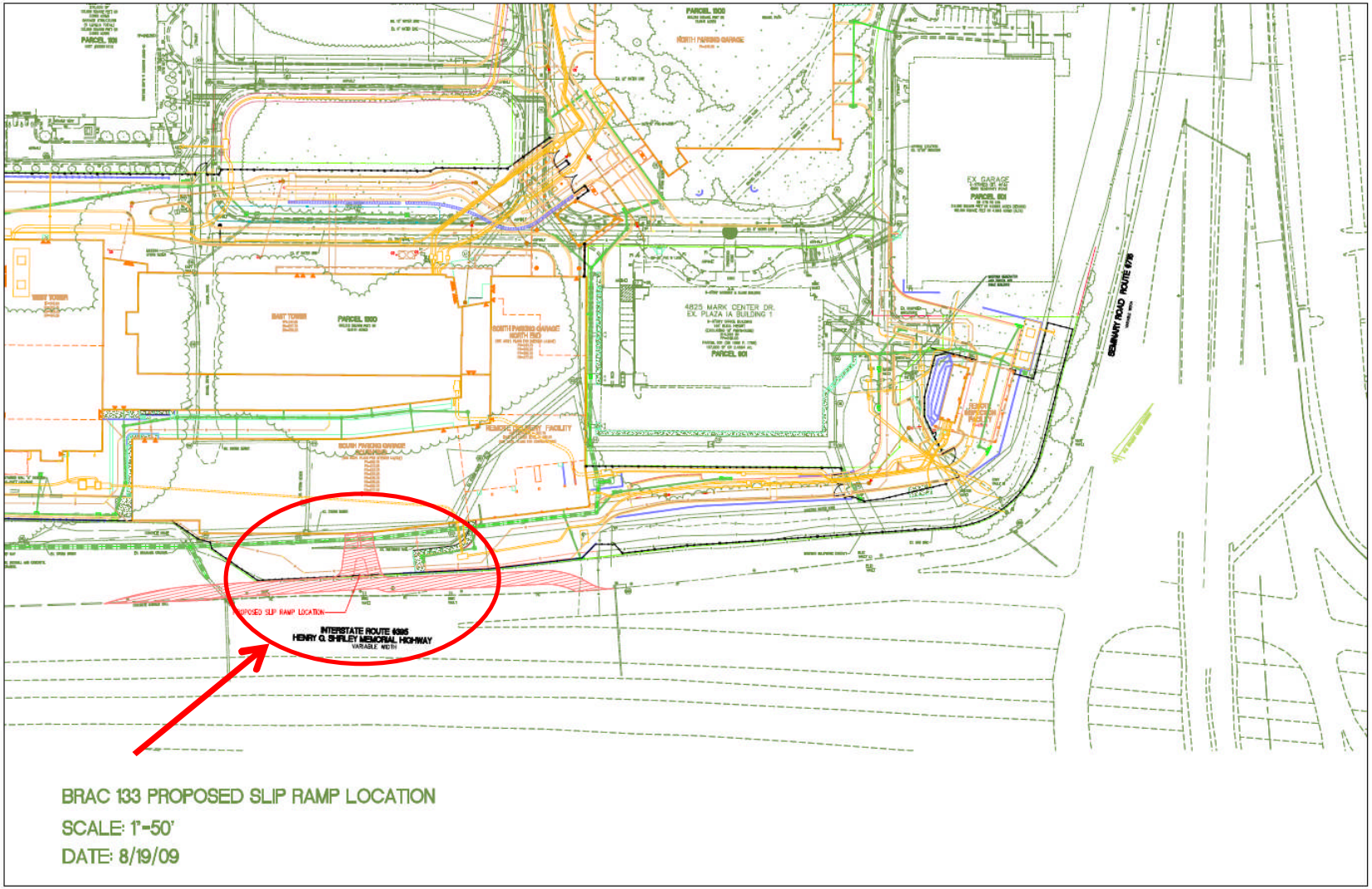
New Direct Access Ramp – Concept 1



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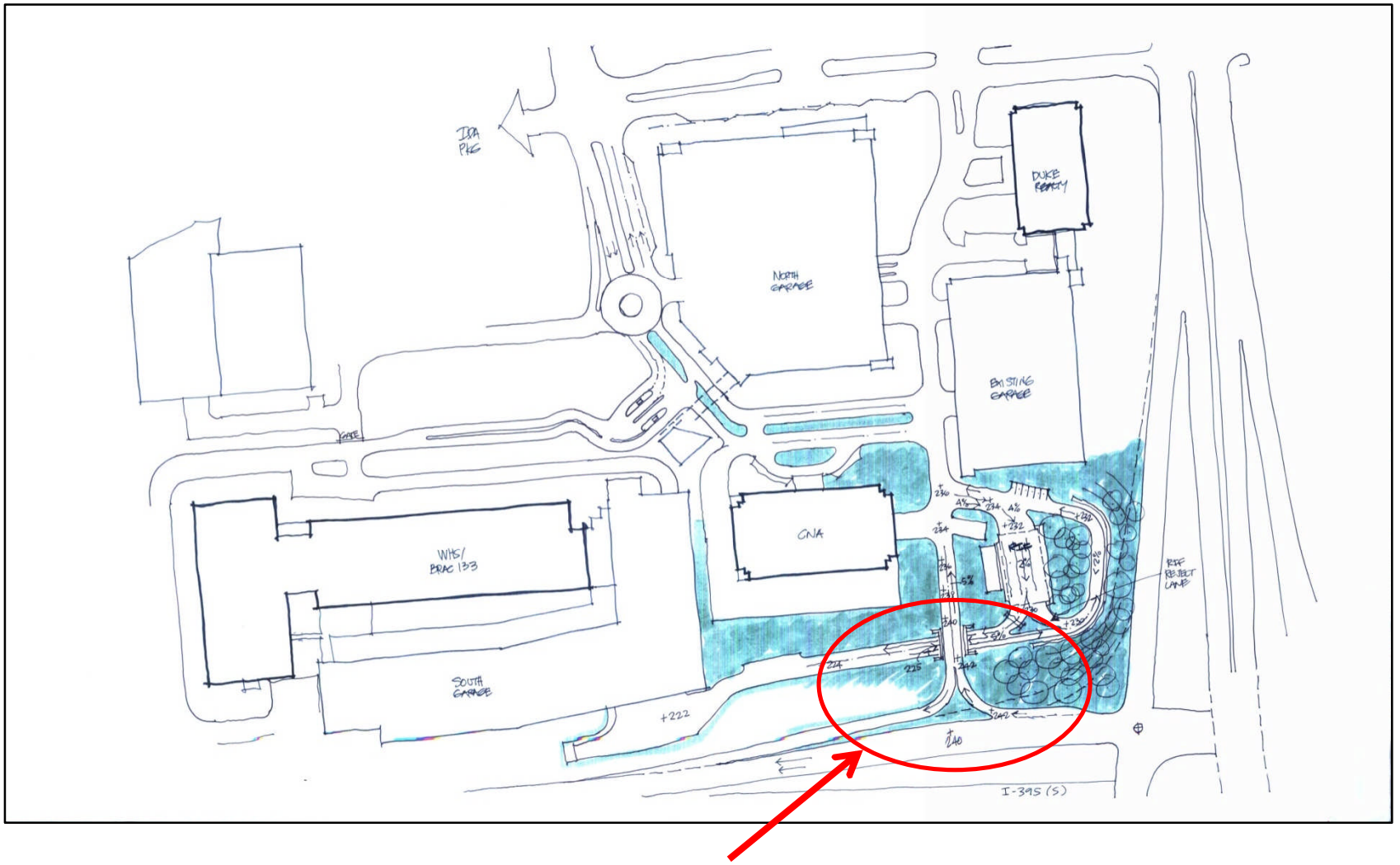
New Direct Access Ramp – Concept 2



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Upcoming Activities and Schedule

- Alternative Analyses (In progress)
- Draft Report (Early September)

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Questions & Answers

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