

Top 10 Bottleneck Analysis Report

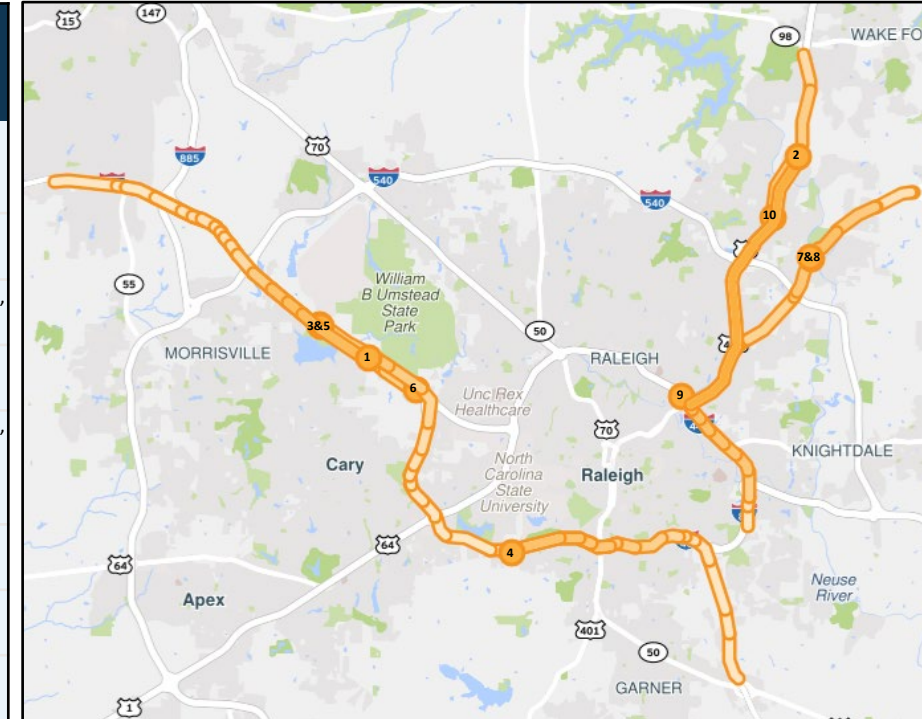
Congestion Management Process – Status of the System Report

FY 2026 Q1

CAMPO's Top 10 Bottlenecks

FY 2026 Q1

Rank	Location	Previous Quarter Ranking	Avg. Max. Length (mi) ¹	Avg. Daily Duration ²	Agency-Reported Events	Base Impact	Total Delay	Related CAMPO 2050 MTP IDs	Related CAMPO 2055 MTP IDs
1	I-40 EAST @ HARRISON AVE/EXIT 287	3	3.4	41 m	76	12,141	26,540,372	A240a, A240b, A562, A640, A641, F112a, F112b, F40	A240a, A240b, A562, A640, A641, F112a, F112b, F40
2	US-1 NORTH @ BURLINGTON MILLS RD	2	2.5	144 m	14	30,408	25,445,267	A133, A822 , F11-1b, F11-1a, F86, F86a	A133, F11-1a, F11-1b, F86, F86a
3	I-40 EAST @ AVIATION PKWY/EXIT 285	1	1.96	72 m	63	11,314	24,664,336	A640, A641, A64a, A64c, A706, F112a, F18, F40	A640, A641, A64a, A64c, A706, F112a, F18, F40
4	I-40 WEST @ GORMAN ST/EXIT 295	5	3.28	43 m	65	11,554	16,236,583	F41, F43, F44a	F41, F43, F44a
5	I-40 WEST @ AVIATION PKWY/EXIT 285	4	3.38	27 m	100	7,701	16,062,793	A562, A640, A64a, A64c, A706, F112a, F112b, F18, F40, F41, F43, F81a	A562, A640, A64a, A64c, A706, F112a, F112b, F18, F40, F41, F43, F81a
6	I-40 EAST @ RALEIGH CHAPEL HILL EXPY/EXIT 289	26	3.69	19 m	117	5,583	15,614,384	A562, A640, A641, F112b, F40, F41, F81a	A562, A640, A641, F112b, F40, F41, F81a
7	US-401 SOUTH @ PERRY CREEK RD	53	1.51	139 m	19	21,300	15,347,390	A1, A130c, A799, A800, A814	A1, A130c, A799, A800, A814
8	US-401 NORTH @ PERRY CREEK RD	93	1.6	116 m	11	16,530	12,772,549	A1, A800, A814, F86	A1, A800, A814, F86
9	I-440 WEST (CCW) @ US-401/US-1/CAPITAL BLVD/EXIT 11	10	2.74	31 m	28	7,242	12,031,194	F86a	F86a
10	US-1 SOUTH @ PERRY CREEK RD/DURANT RD	19	3.18	53 m	3	14,429	11,464,792	A659, F11-1a, F11-1b, F11-1c, F11-1d	A659, F11-1a, F11-1b, F11-1c, F11-1d



Bottlenecks are ranked by **Total Delay** – Base impact weighted by the difference between free-flow travel time and observed travel time multiplied by the average daily volume (AADT), adjusted by a day-of-the-week factor. This metric should be used to rank and compare the estimated total delay from all vehicles within the bottleneck.

¹ Bottleneck on CAMPO CMP Network with top average maximum length during FY26 Q1 was I-40 West @ NC-42/EXIT 312 (10.49 miles)

² Bottleneck on CAMPO CMP Network with top average daily duration during FY26 Q1 was Airport Blvd South @ NC-54/Chapel Hill Rd (957 minutes)

Red #s = highest value for that metric

CW = Clockwise CCW = Counterclockwise

Report Legend



Incident/Event Icons

In most visualizations these icons are used to represent each type of traffic event:

Vehicle Related

-  - Car Fire
-  - Disabled Vehicle
-  - Major Accident
-  - Minor Accident






Emergency Related

-  - Hazardous Material
-  - Medical Emergency
-  - Police Activity

Congestion Sources

-  - Closure
-  - Congestion
-  - Dangerous Slowdowns
-  - Draw Bridge Opening
-  - Delay
-  - Emergency
-  - Other
-  - Incident
-  - Roadwork
-  - Signal Malfunction
-  - Water-Main Break

Weather

-  - Fire
-  - Flooding
-  - Foggy Conditions
-  - Tornado
-  - Weather
-  - Windy Conditions


Obstruction

-  - Animal Struck
-  - Debris
-  - Fallen Rocks
-  - Fallen Tree
-  - Overgrown Plants




Event Icons

-  - Special Event
-  - Sports Event

Waze Events

-  - All Waze-reported events will have this icon on the top left.

However, in certain visualizations the icons have been simplified down to a single shape and color to reduce clutter and confusion. These minimalist icons represent the following event types:

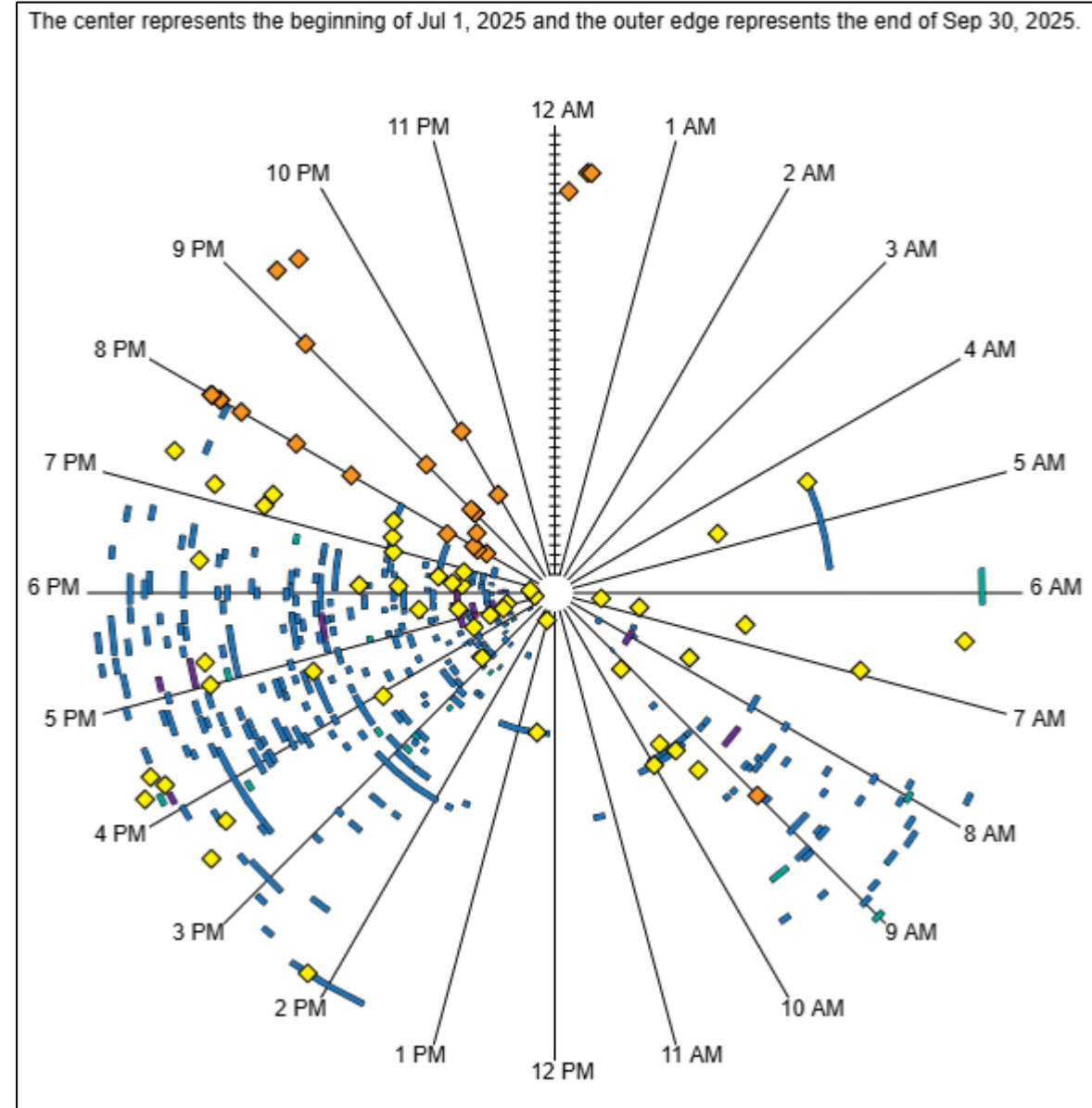
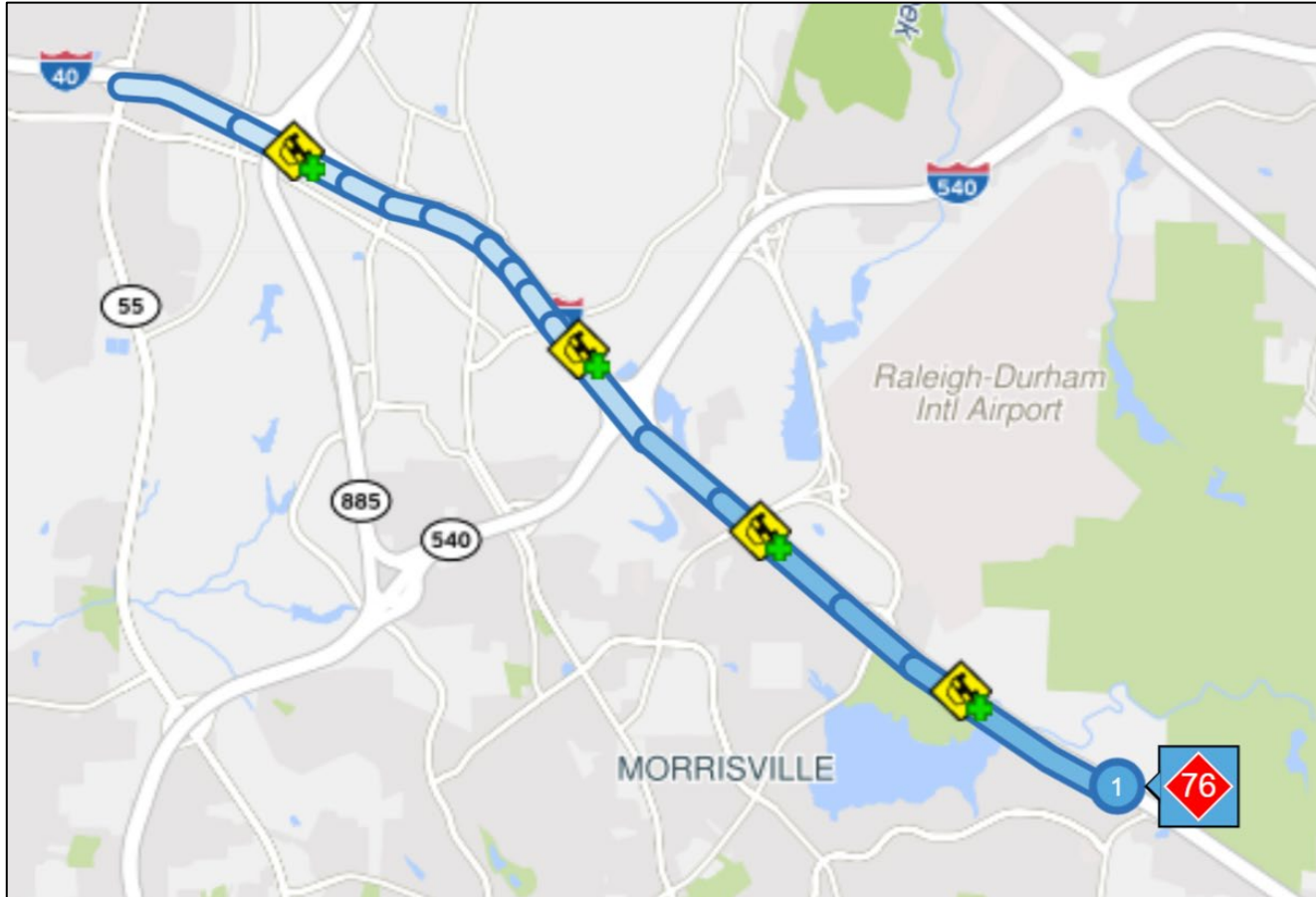
-  - Severe events and incidents (i.e. emergency roadwork, medical emergencies, and injuries)
-  - Roadwork
-  - All other events and incidents

Time Spiral: Maximum Queue Length in Miles



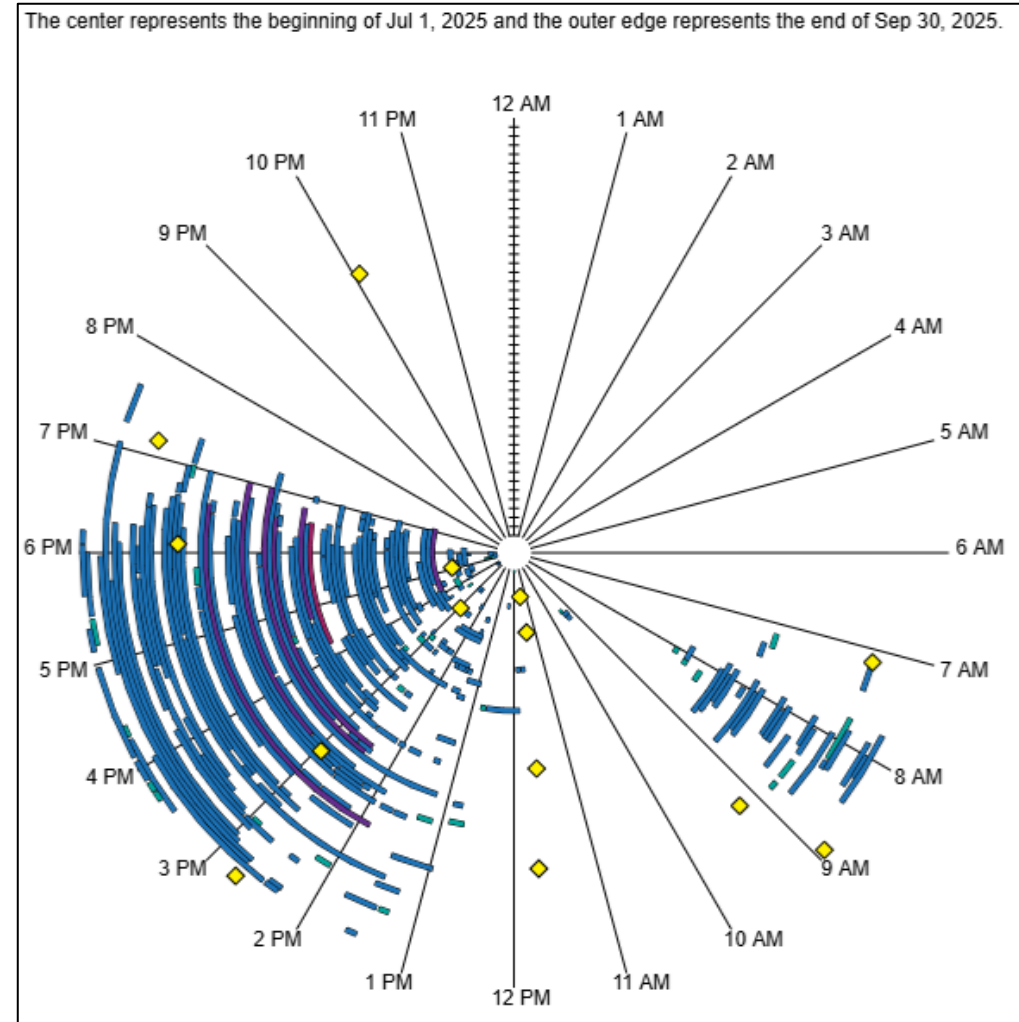
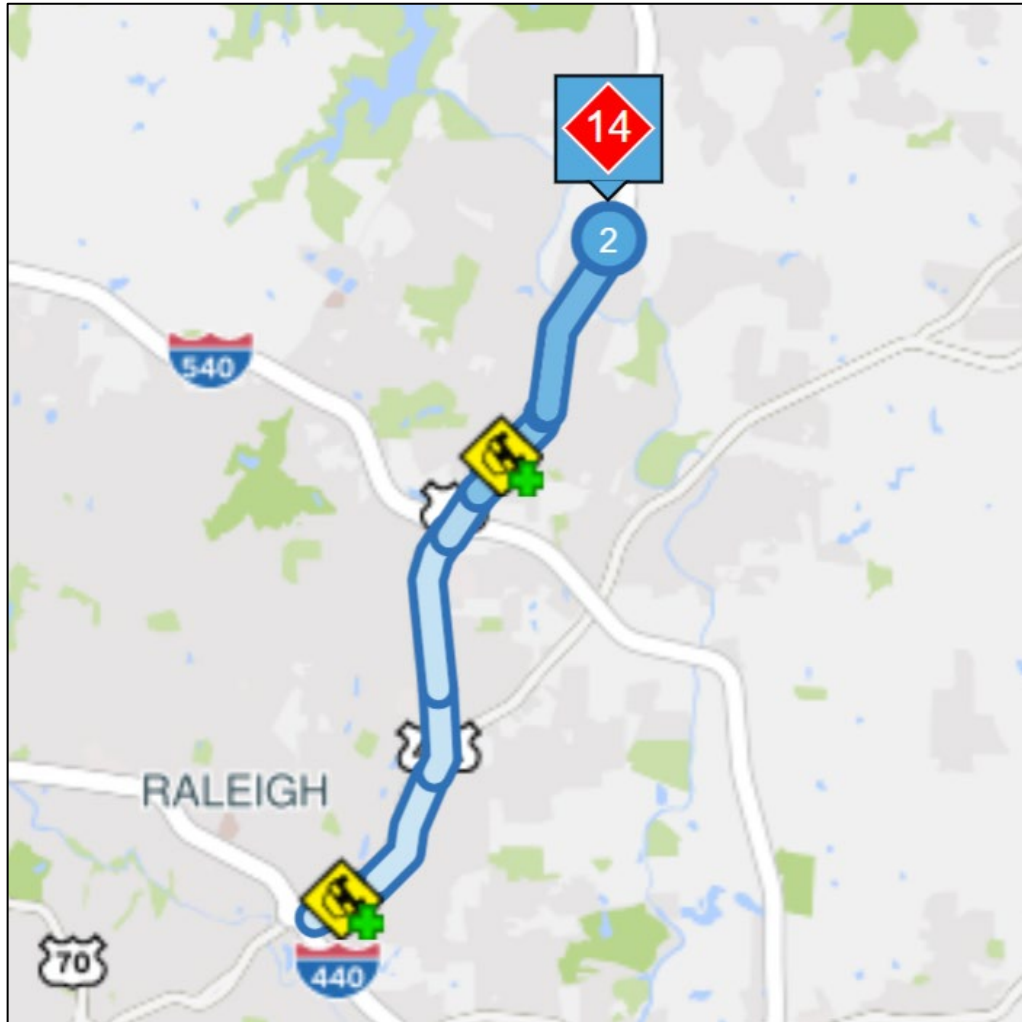
#1 Bottleneck: I-40 EAST @ HARRISON AVE/EXIT 287

FY 2026 Q1



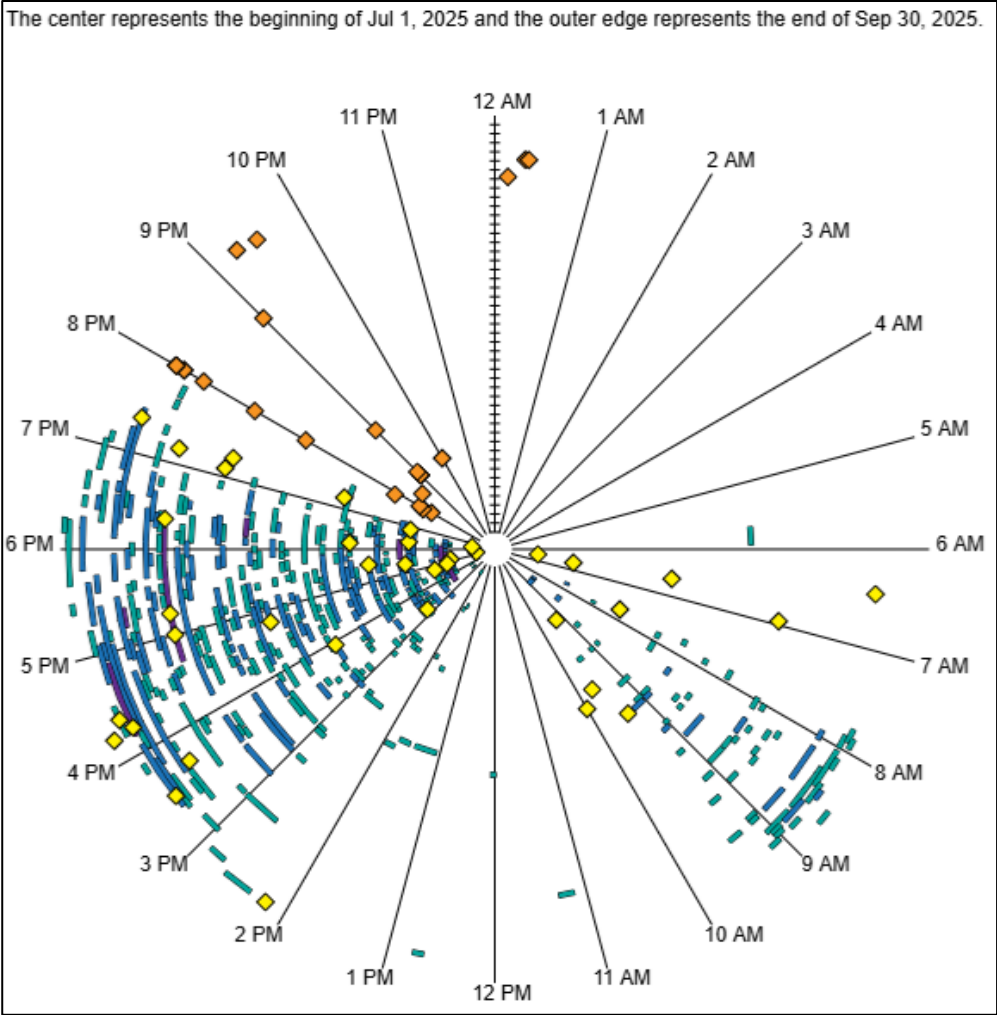
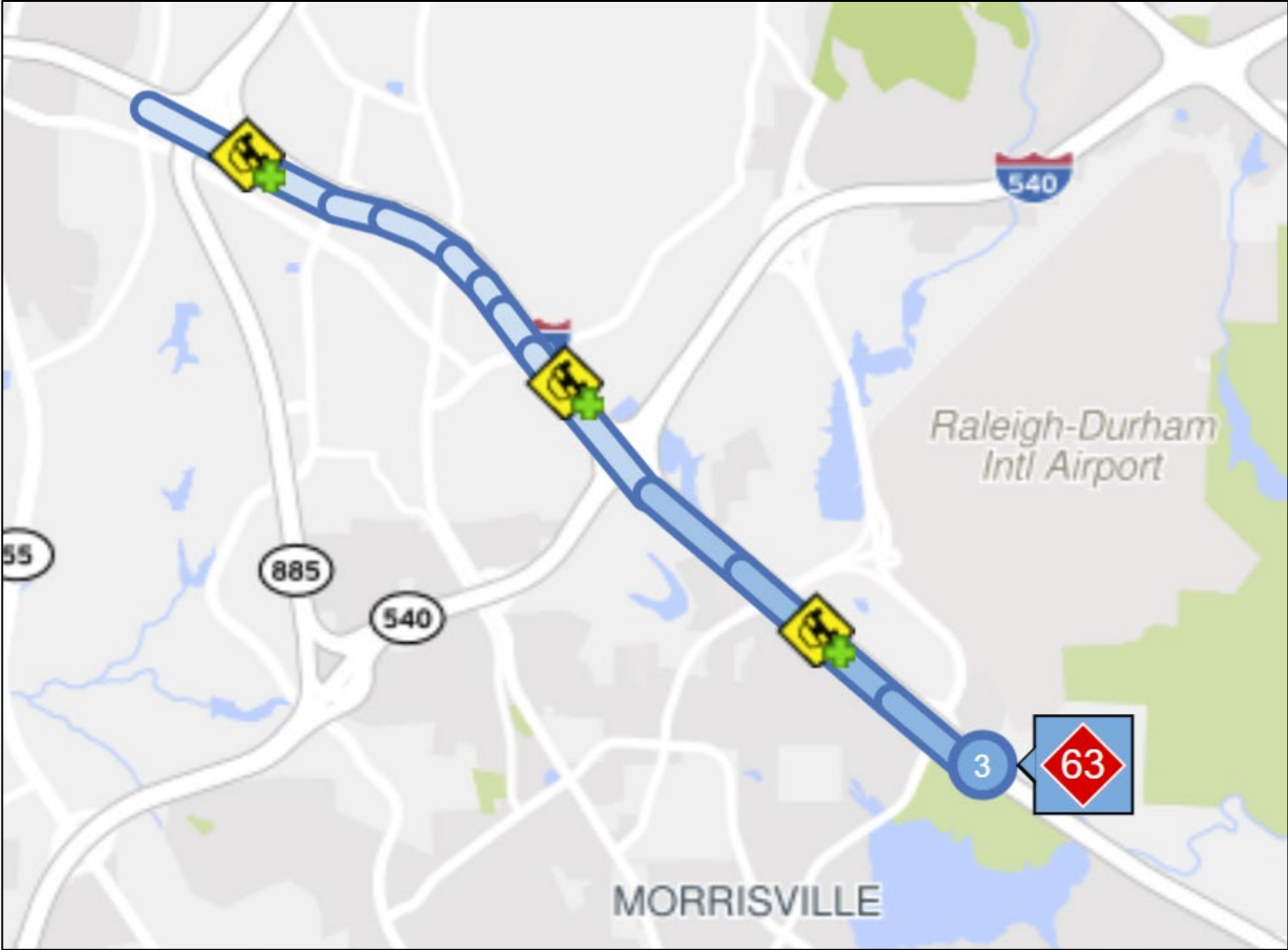
#2 Bottleneck: US-1 NORTH @ BURLINGTON MILLS RD

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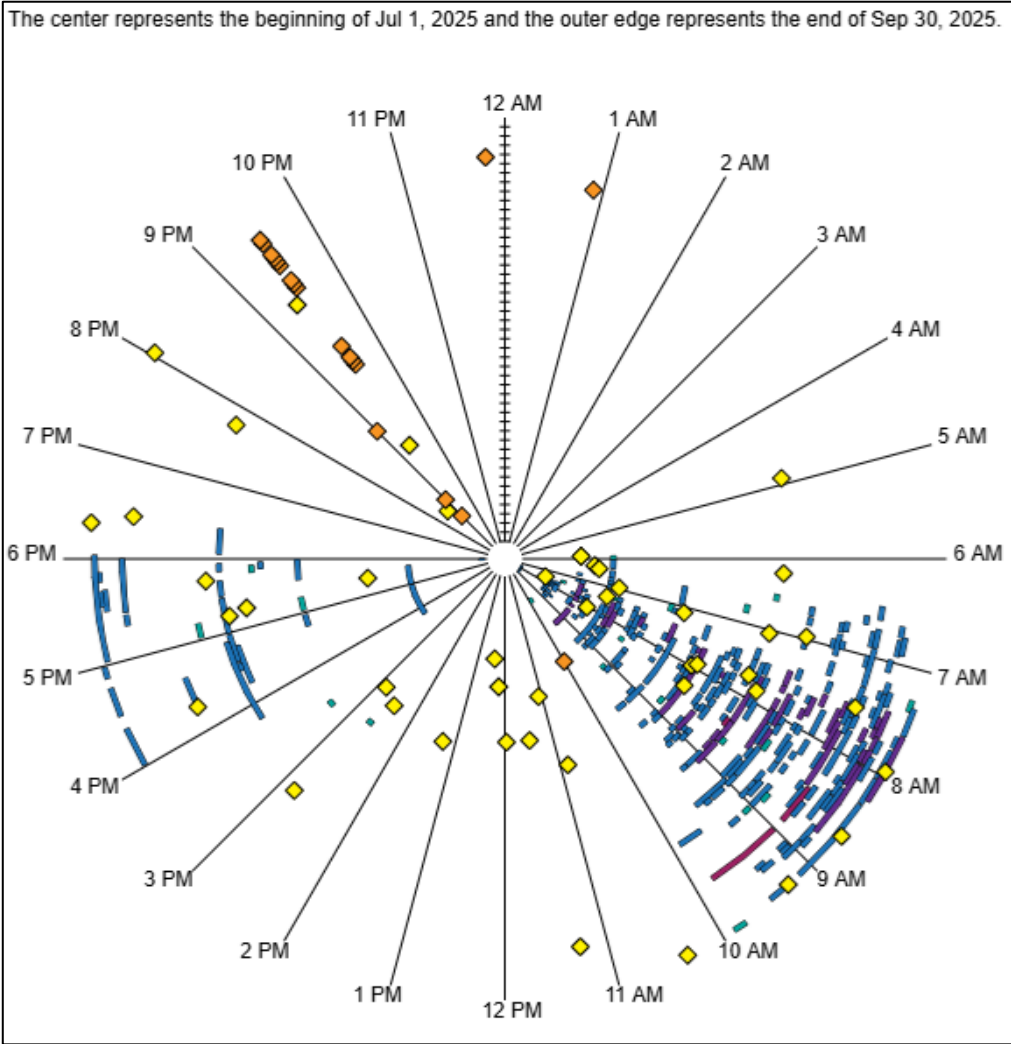
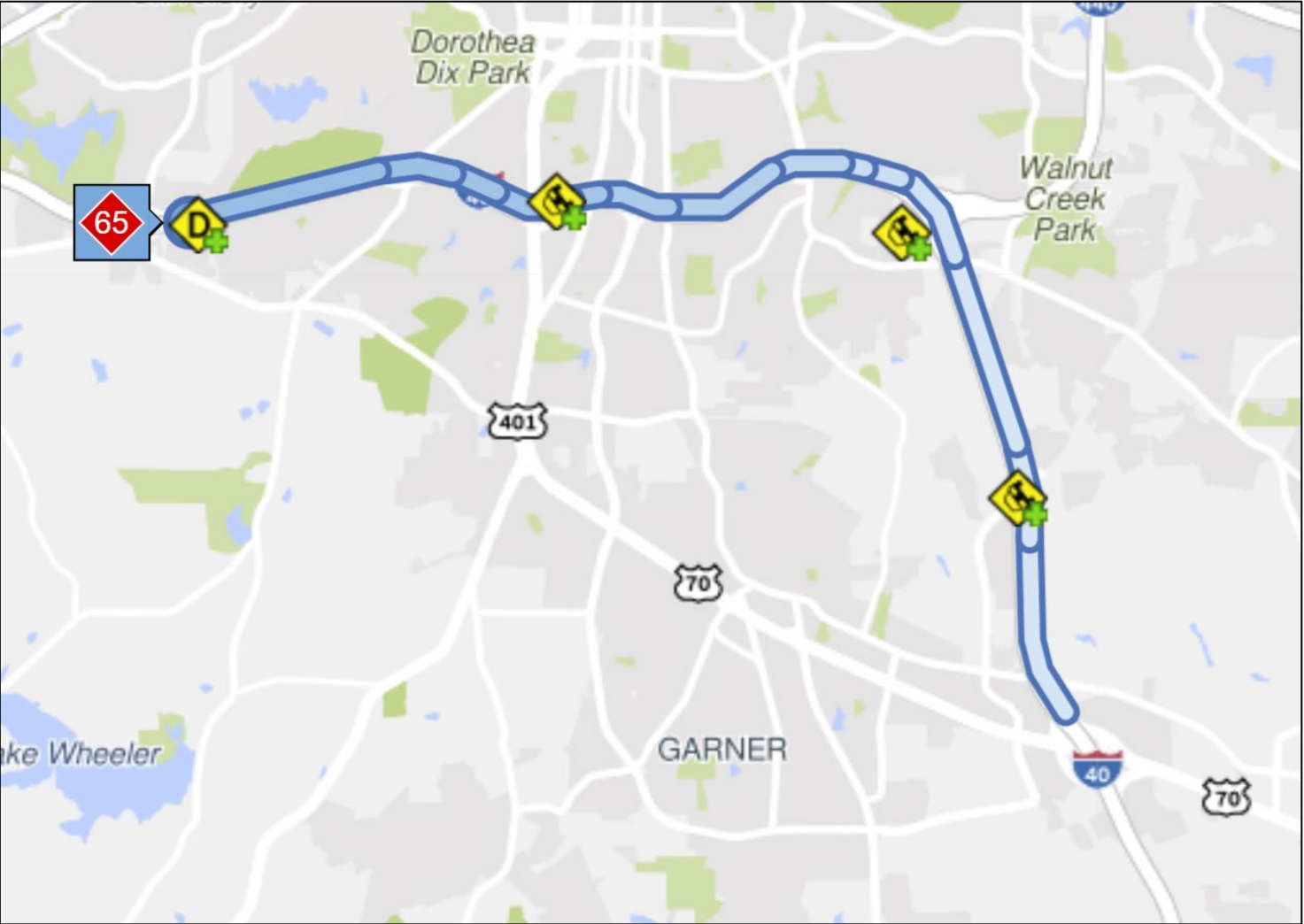
#3 Bottleneck: I-40 EAST @ AVIATION PKWY/EXIT 285

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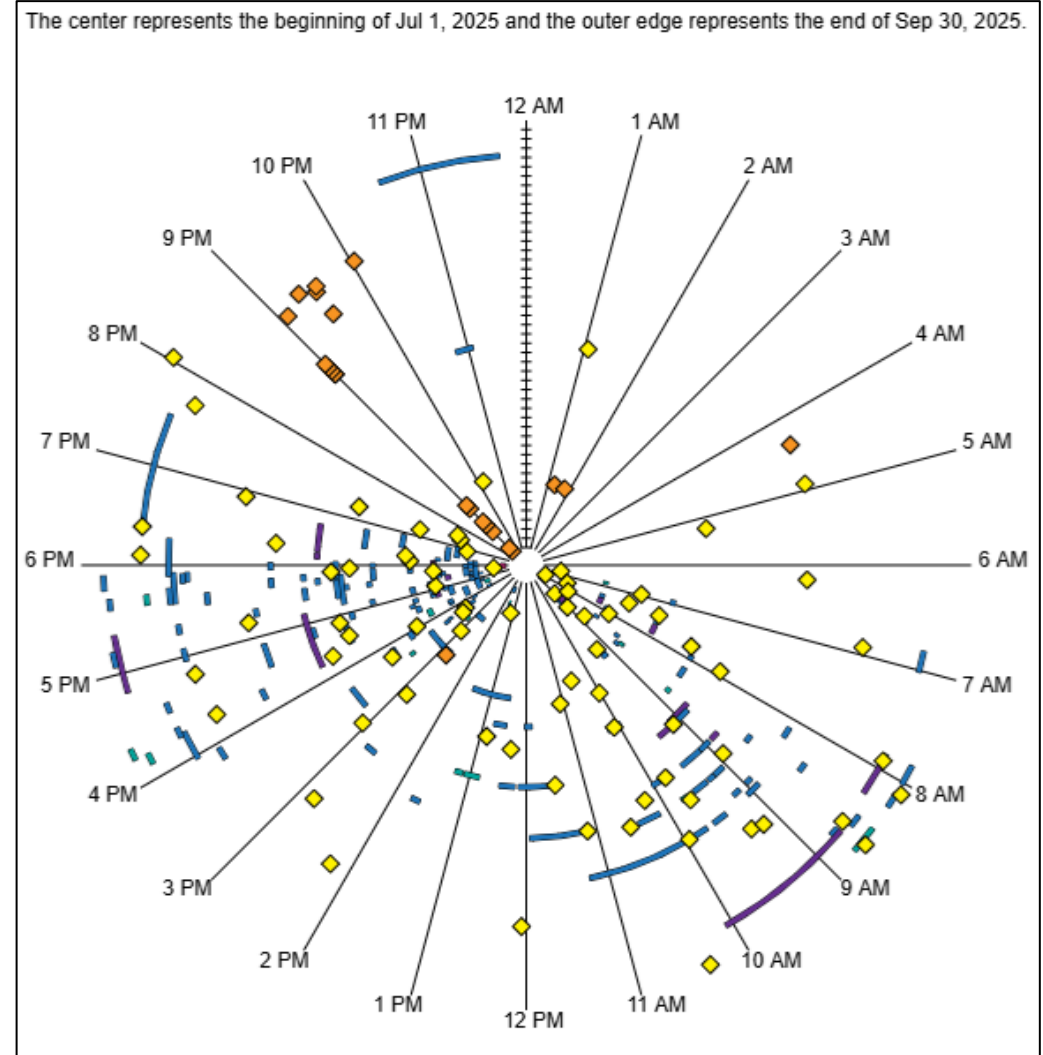
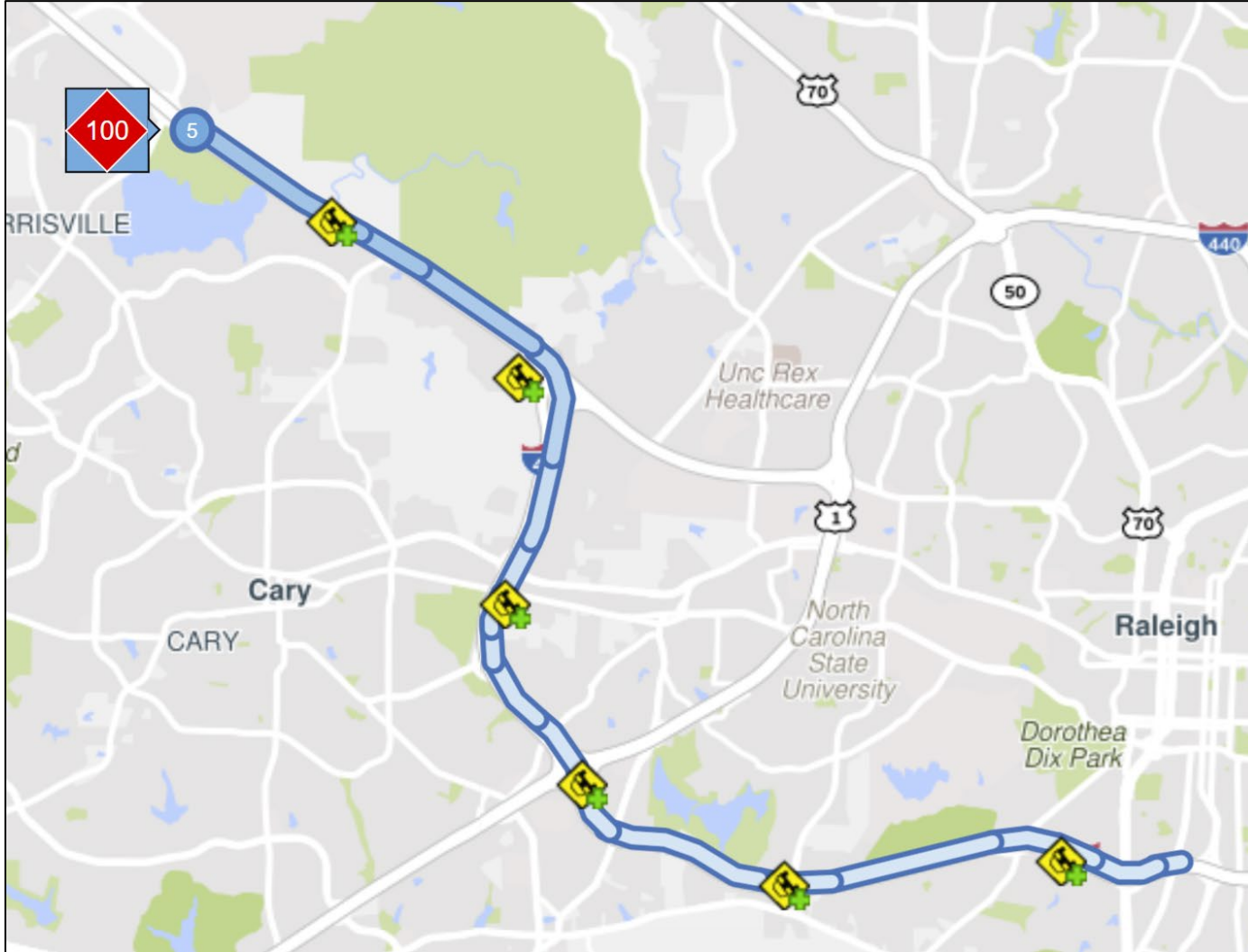
#4 Bottleneck: I-40 WEST @ GORMAN ST/EXIT 295

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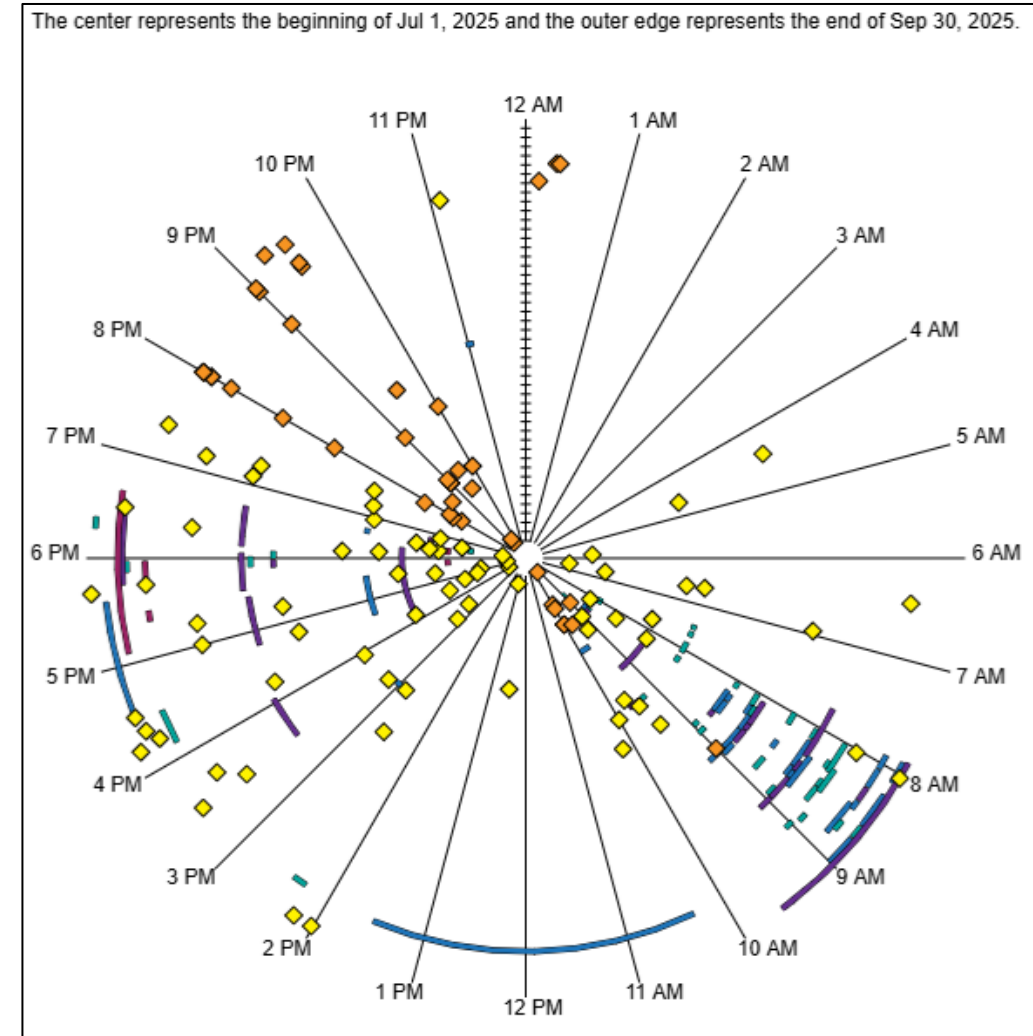
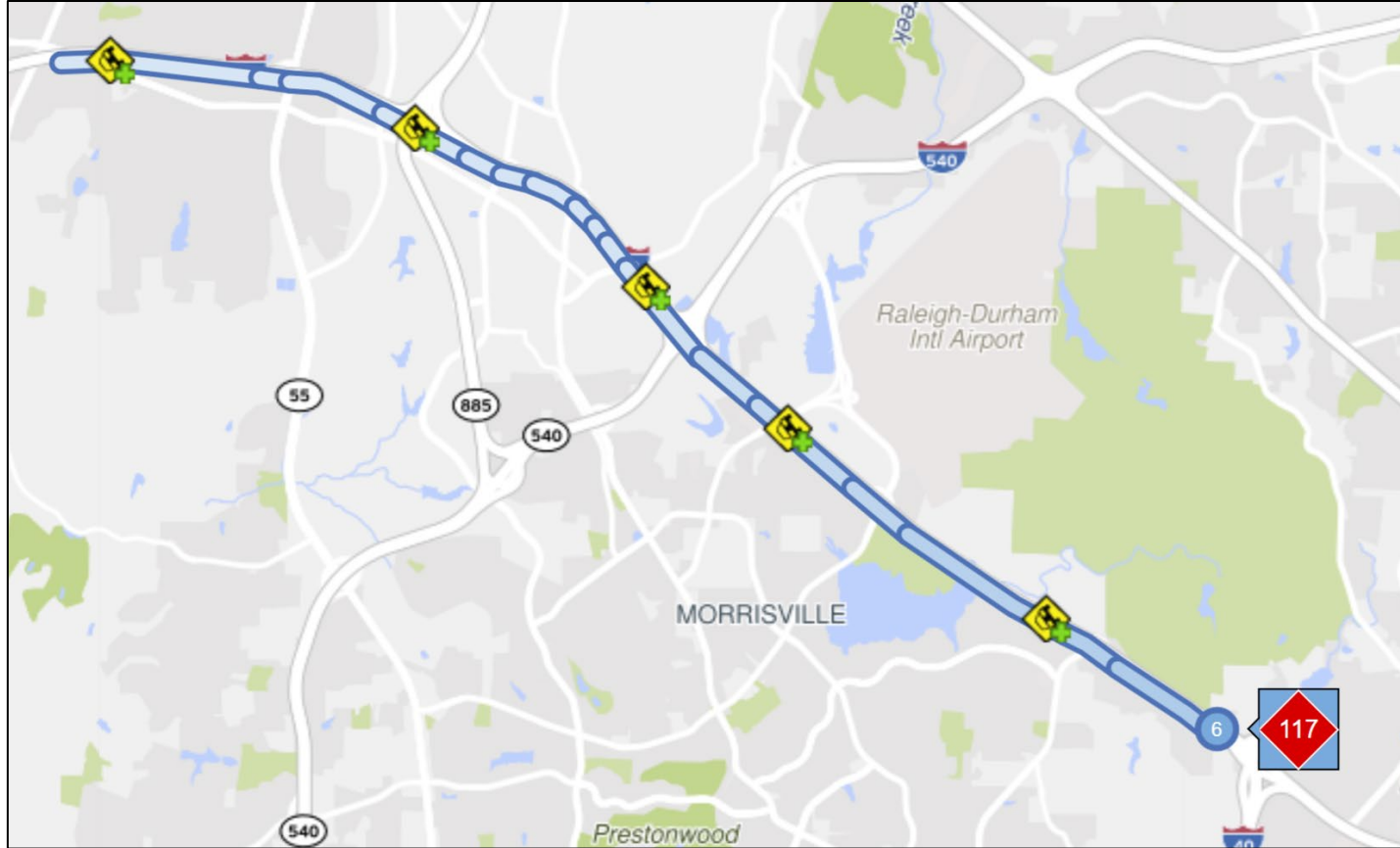
#5 Bottleneck: I-40 WEST @ AVIATION PKWY/EXIT 285

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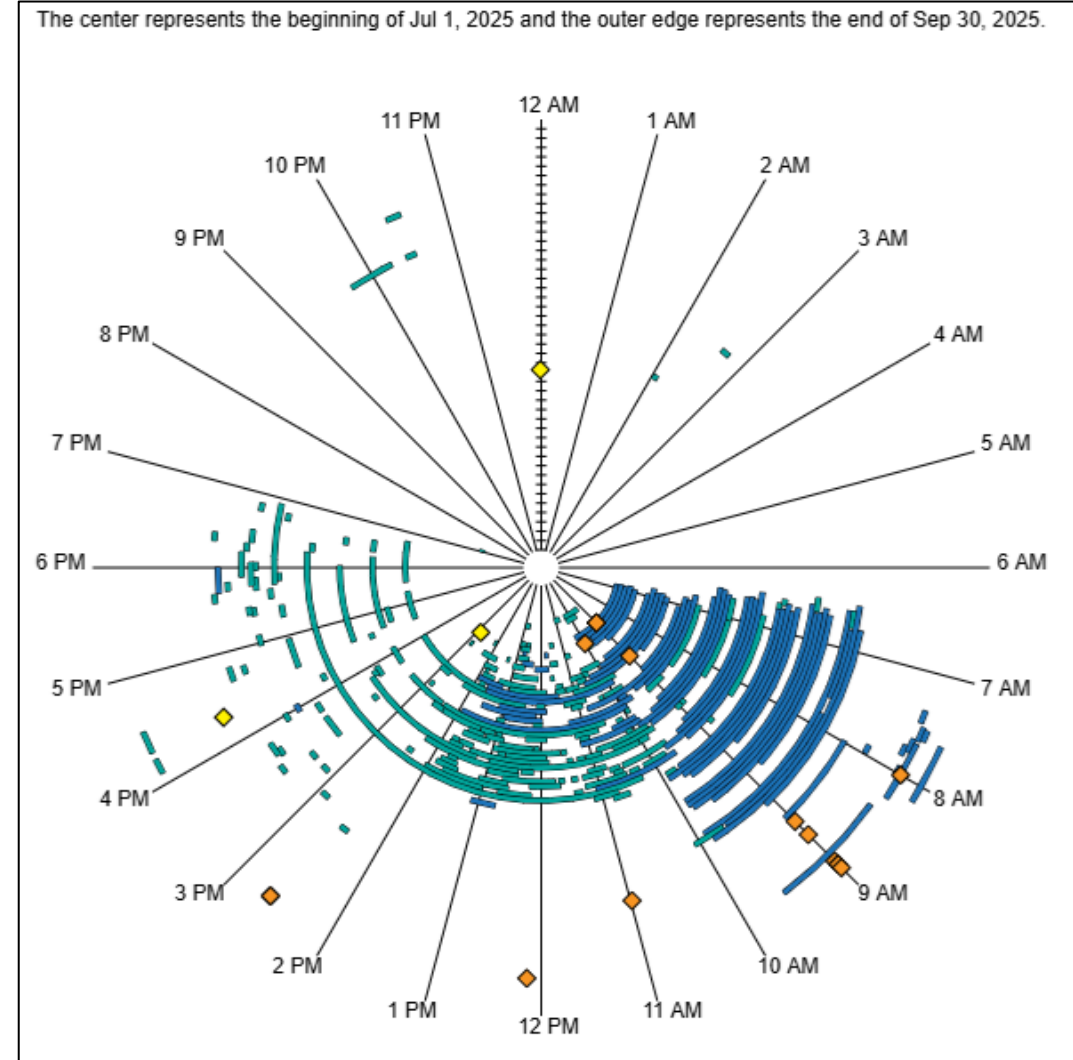
#6 Bottleneck: I-40 EAST @ RALEIGH CHAPEL HILL EXPY/EXIT 289

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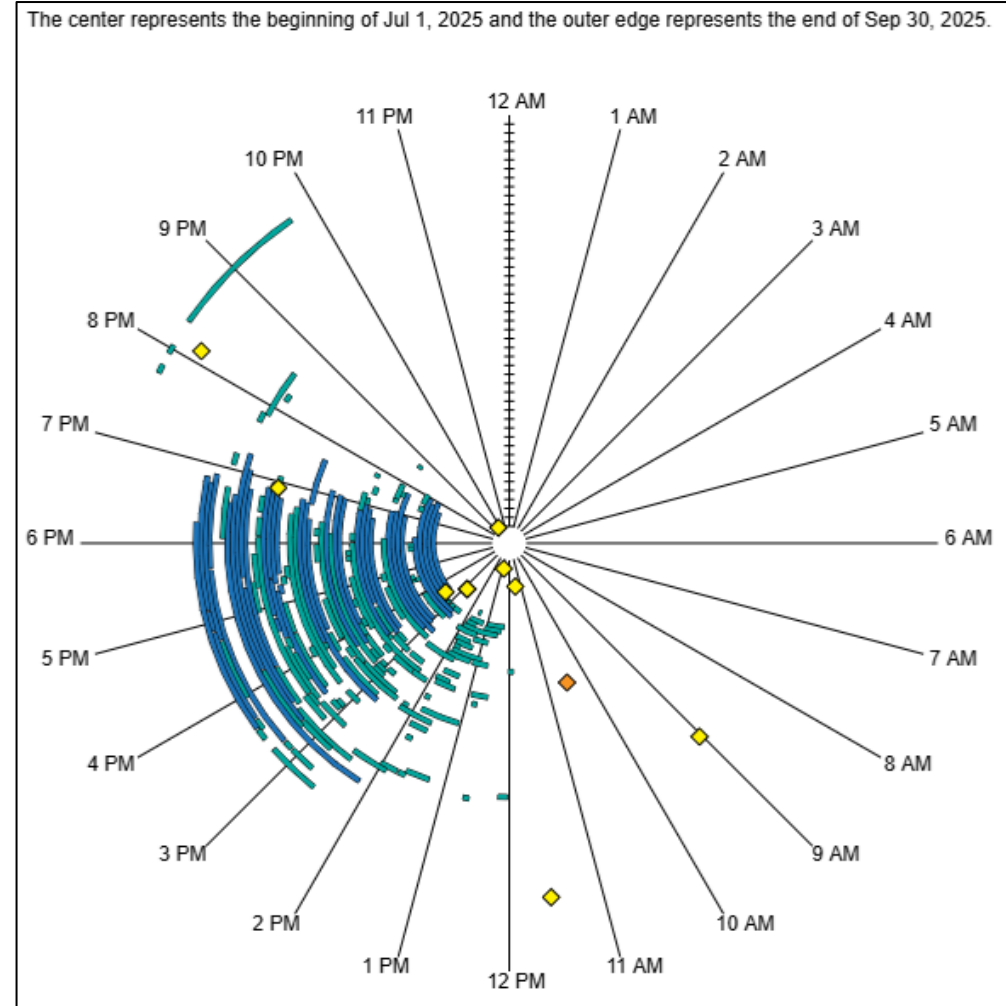
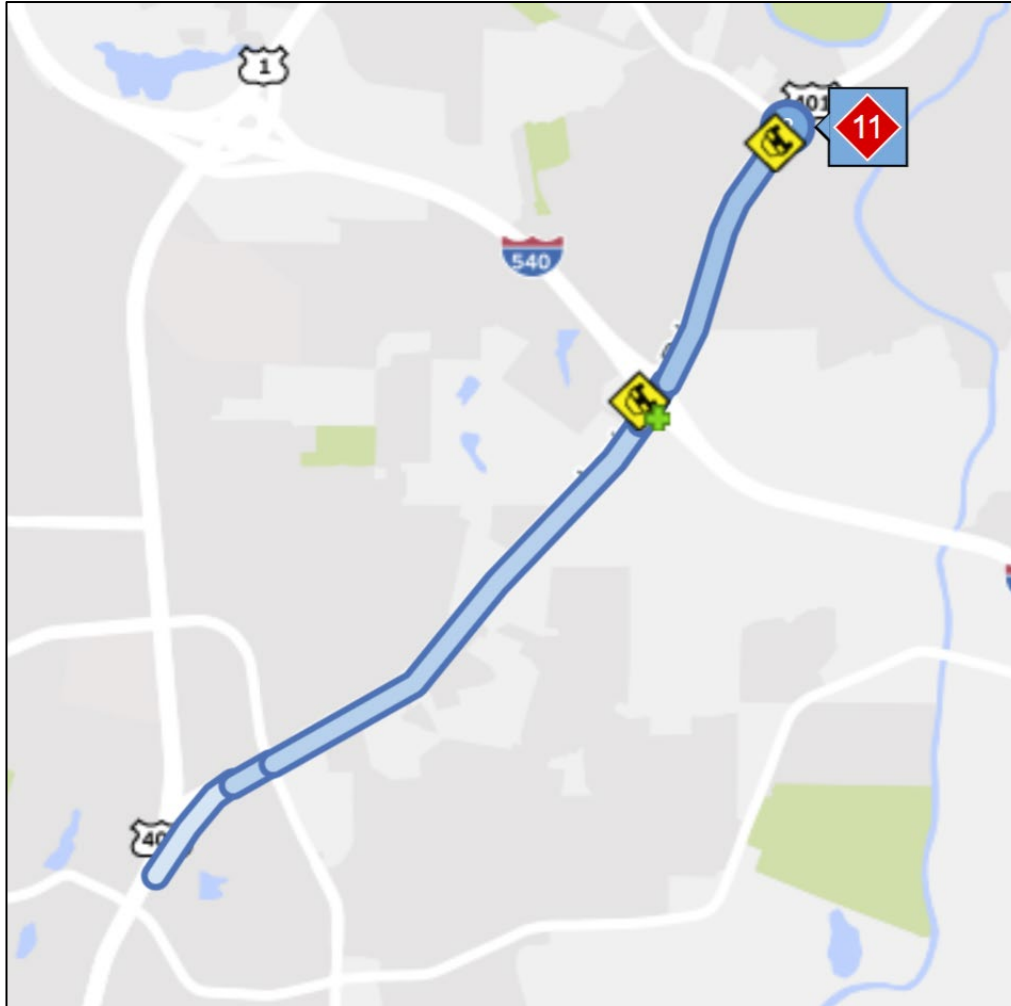
#7 Bottleneck: US-401 SOUTH @ PERRY CREEK RD

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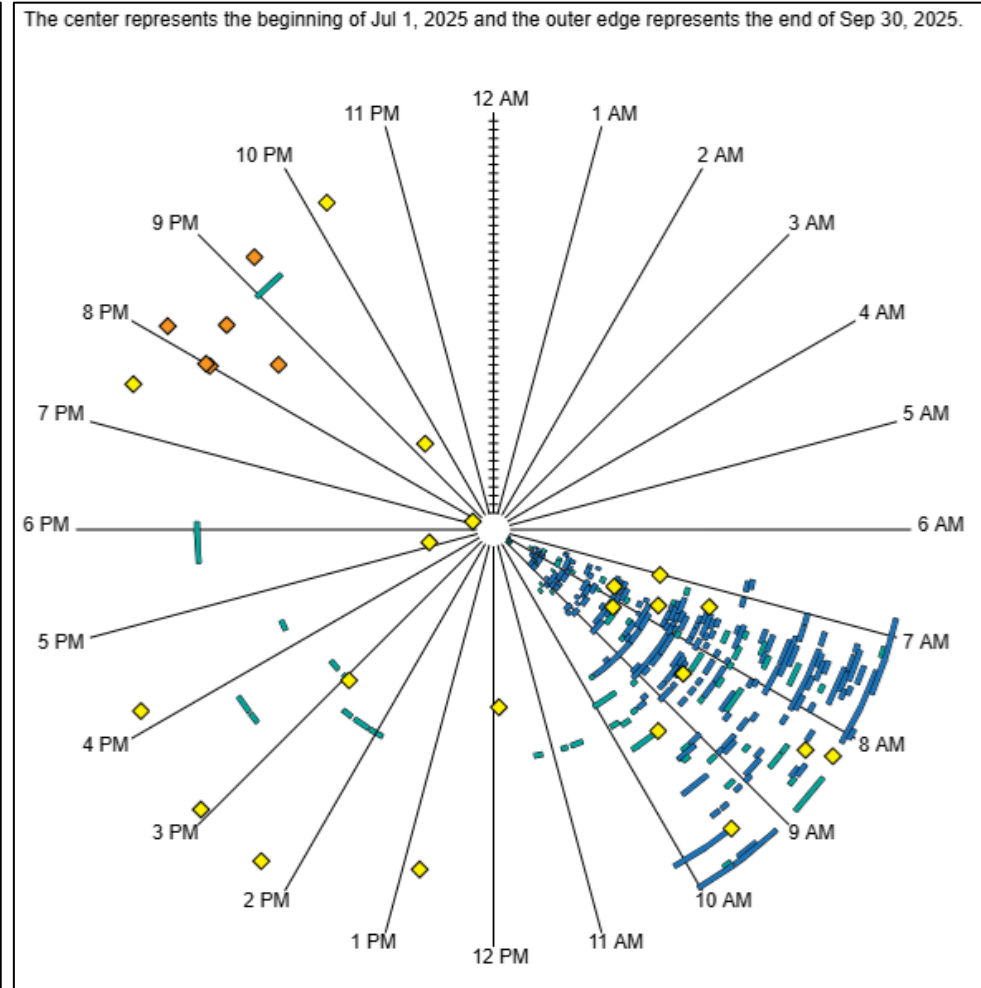
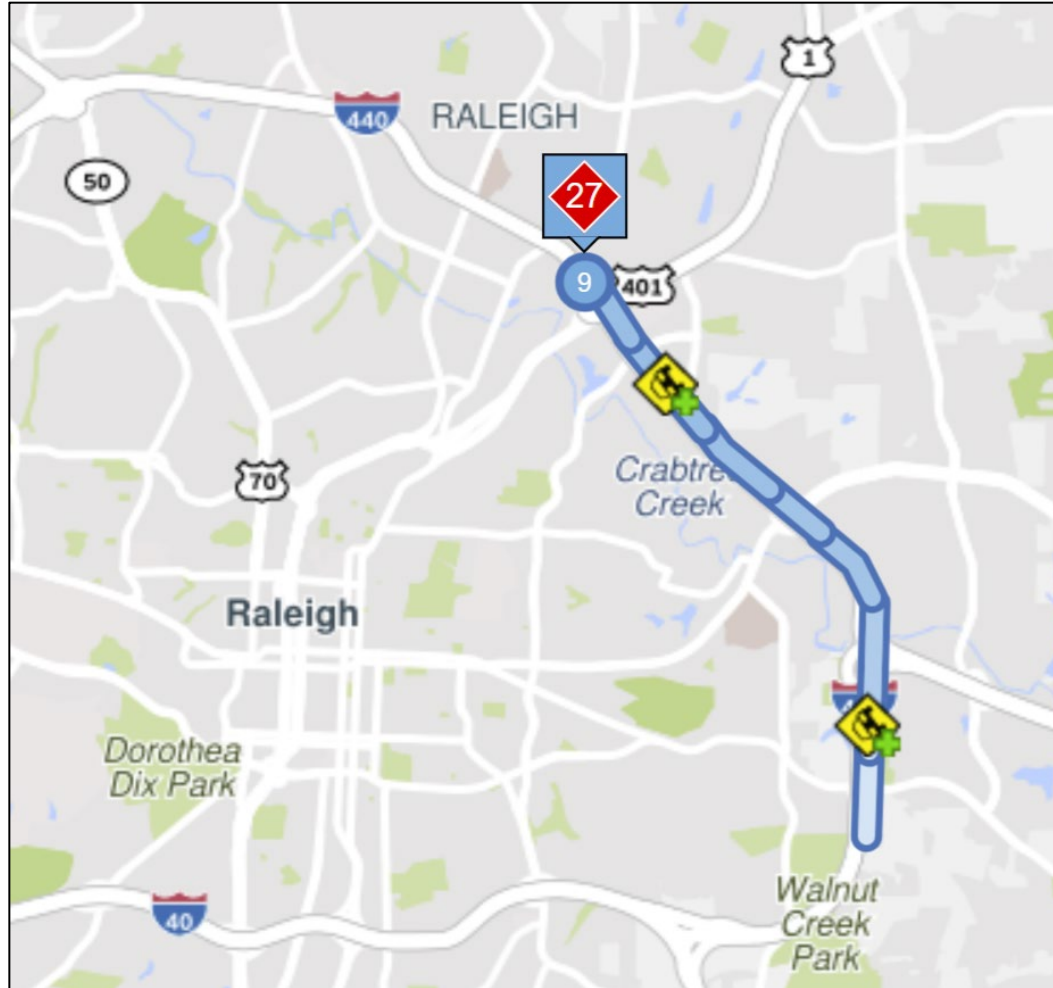
#8 Bottleneck: US-401 NORTH @ PERRY CREEK RD

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#9 Bottleneck: I-440 WEST (CCW) @ US-401/US-1/CAPITAL BLVD/EXIT 11

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#10 Bottleneck: US-1 SOUTH @ PERRY CREEK RD/DURANT RD

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