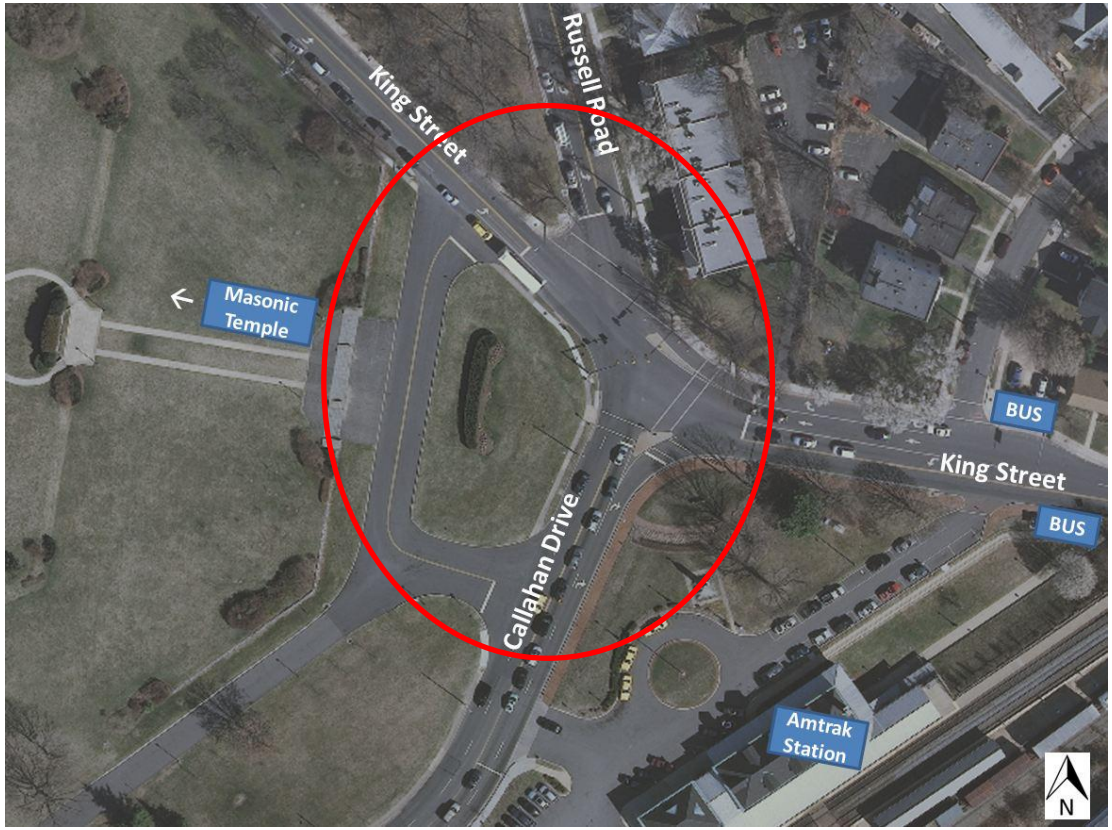
King/Callahan/Russell Intersection Safety Project

Public Meeting #2

June 23, 2015

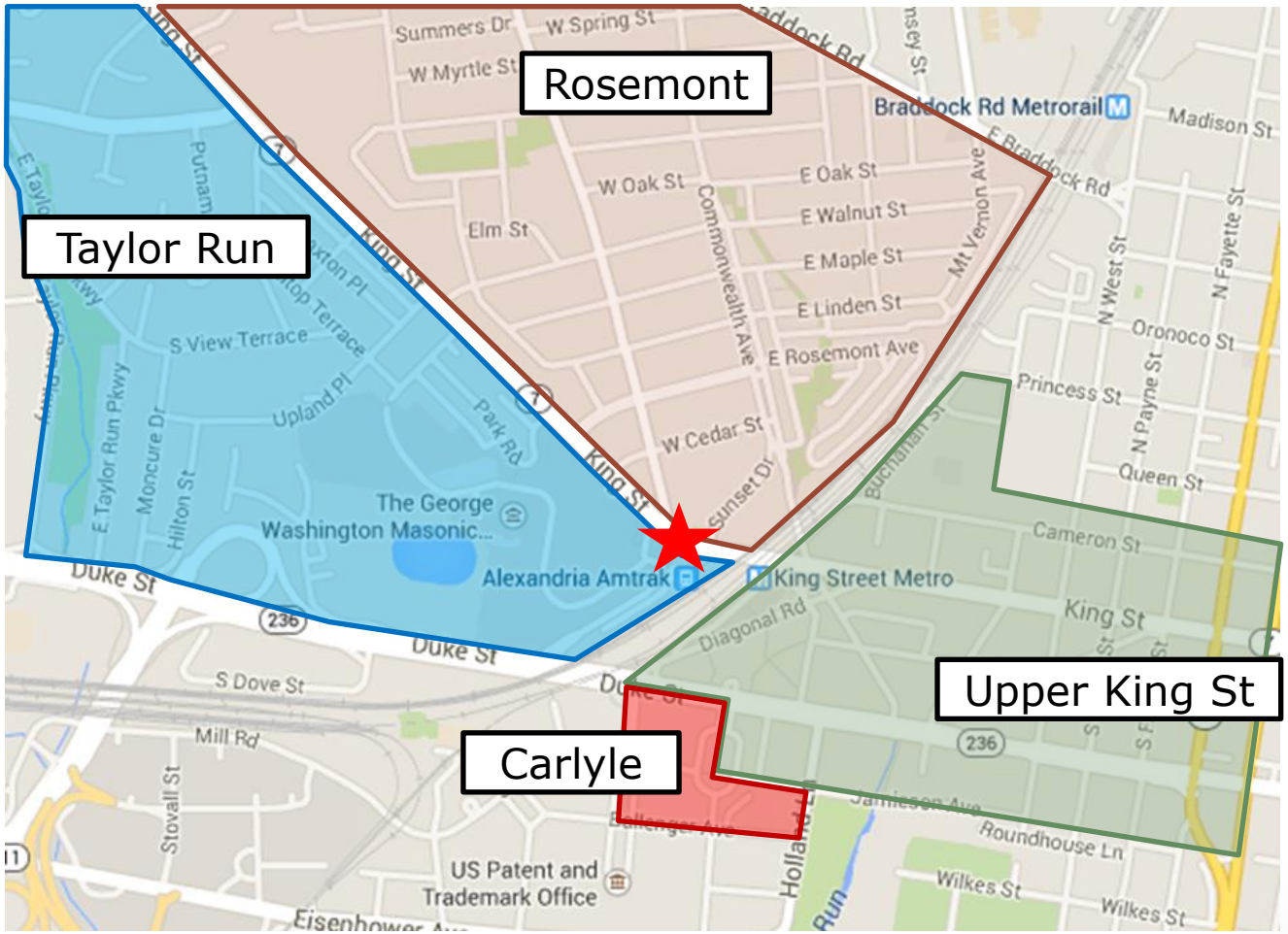
Project Limits



Intersection of King Street, Callahan Drive, and Russell Road

Federal Transit Administration Funded Grant Project to
IMPROVE PEDESTRIAN AND BICYCLE SAFETY AND ACCESS TO TRANSIT

Citizens' Associations



Project Schedule

- Review Community input from Public Meeting #2 – Summer 2015
- Provide concept options for public input at Public Meeting #3 – Fall 2015

Comments from last meeting

King/Callahan/Russell Community Comments as of 1/15/2015

	Comments	Issue
1	Provide ADA compliant sidewalks and curb ramps	Pedestrian Safety
2	Reduce speed of vehicles turning right from Callahan to King	Speeding
3	Add pedestrian island on Russell to shorten crossing distance	Pedestrian Safety
4	Remove right turn lane from Callahan to King	Pedestrian Safety
5	Ban right turn from SB Russell Rd to WB King Street	Congestion
6	Remove bus stops on King St - stopped buses block traffic	Pedestrian Safety
7	Provide more clear bicycle lanes/marking	Bike Safety
8	Confusing lane markings	Motorist Safety
9	Shorten crossing distances	Pedestrian Safety
10	Refurbish markings & improve visibility of crosswalks	Pedestrian Safety
11	Provide more crosswalks and at all existing crossings	Pedestrian Safety
12	Install upgraded pedestrian signals	Pedestrian Safety
13	Decrease vehicle speeds approaching and through the intersection	Speeding
14	Vehicles using Masonic Temple road to circumvent intersection	Pedestrian Safety
15	Add signs asking drivers to slow down	Pedestrian Safety
16	Disallow right turns on red	Pedestrian Safety
17	Maintain and improve access to bus stops at Sunset and King.	Pedestrian Safety
18	Reduce the skew of the crosswalks	Pedestrian Safety
19	Provide crosswalk to bus stop at Sunset and King (include flashing beacon)	Pedestrian Safety
20	Provide pedestrian and bicycle access to proposed Amtrak-Metro tunnel	Pedestrian Safety
21	Narrow lanes to slow down vehicles	Speeding
22	Add bike lanes on King Street and through intersections	Bike Safety
23	Plant trees on Callahan to reduce speeds	Speeding/Streetscape
24	Promote use of other routes in and out of old town to reduce VPH at intersection	Pedestrian Safety
25	Widen sidewalks & remove obstructions (utility poles)	Pedestrian Safety
26	Add leading pedestrian interval (LPI) to signal timing	Pedestrian Safety
27	Increase police presence	Speeding
28	Add sidewalk to West side of Russell Rd	Pedestrian Safety
29	Vehicle movement from Sunset Dr to King is disruptive to traffic flow	Congestion
31	Complete the planned pedestrian connection between Amtrak and Metro	Pedestrian Safety
32	Improve lighting in and around intersection and under CSX tracks for pedestrians	Pedestrian Safety
33	Replace pedestrian signal buttons	Pedestrian Safety
34	Vehicles do not stop before making a right turn	Pedestrian Safety
35	Better align movements through intersection	Pedestrian Safety
36	Lights are obstructed	Pedestrian Safety
37	Change the left turn from Russell to King to a straight and left turn	Congestion
38	Add traffic signal under CSX tunnel	Pedestrian Safety
39	Add pedestrian activated signals	Pedestrian Safety
40	Consider banning left turns from Sunset Dr in peak hours	Congestion
41	Change direction of Sunset Drive	Congestion
42	Add "glow in the dark" crosswalks	Pedestrian Safety
43	Remove left only lane from EB on King	Congestion
44	Place signage in better less confusing locations	Pedestrian Safety

What We Heard - Meeting 1

- Narrow Sidewalks
- Long Crossing Distances
- Accessibility concerns
- Cyclists riding on sidewalk

- No designated space for cyclists
- Unpredictable turning movements
- Poor access to the Metrorail station

What We Heard – Meeting 1

- Complicated lane alignment
- Long queues during peak hours

- Concerns about existing and future traffic on neighborhood streets

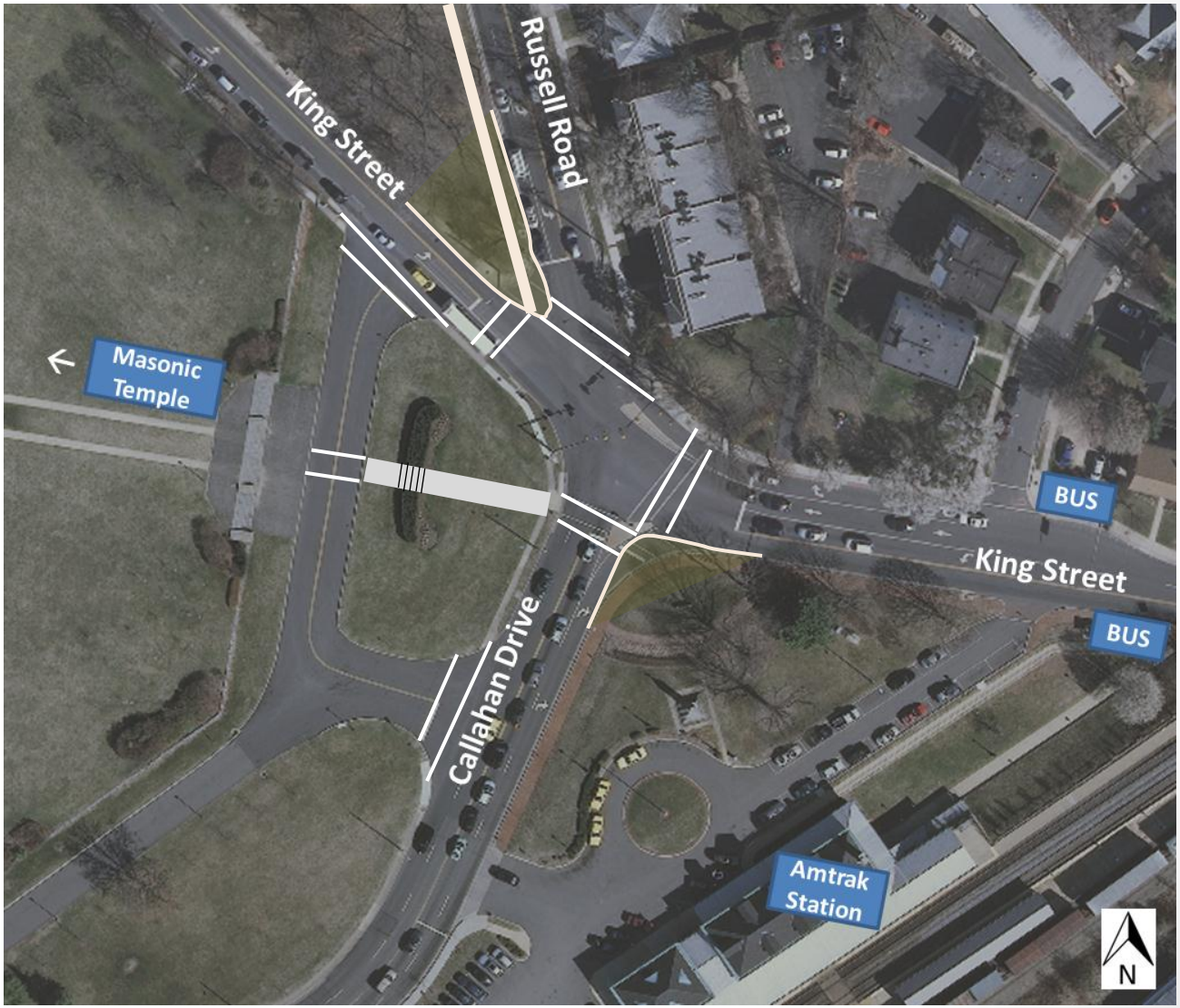
Response to Concerns

- Developed options that:
  - Shorten pedestrian crossing distances and improve sidewalks
  - Slow right turning vehicles
  - Reduce queuing and lessen vehicle delay
  - Improve accessibility and safety
  - Give designated space for cyclists through the intersection

- INCLUDED ITEMS
  - Pedestrian countdown signals
  - ADA compliant curb ramps
  - High visibility crosswalks for some or all crossings
  - Leading pedestrian intervals, where feasible

Pedestrian Improvements

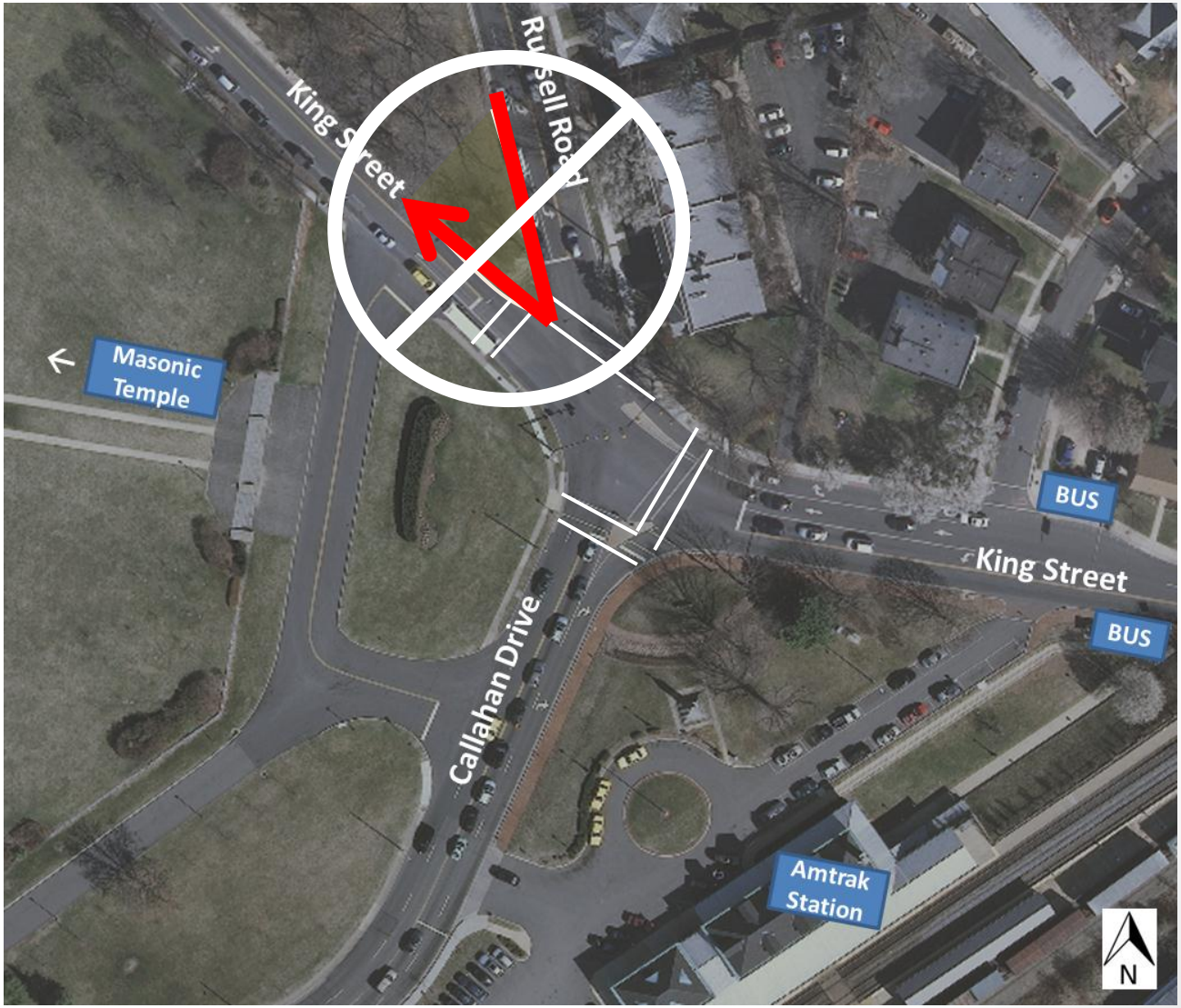
- Shorten crossing distance across Russell Road
- Provide new crossing walk and crossing opportunities
- Remove slip ramp and free right turn to slow vehicles and shorten crossing distances
- Install new pedestrian path from the Temple
- Install sidewalk along Russell where feasible



Operational Changes

Ban right from Russell Road to King Street

- 2 vehicles per hour making this movement
- Shorten crossing distance by 15’-20’
- Allows for new crosswalk with conflict free crossing time for pedestrians
- Helps to create normal intersection four aligned crosswalks with pedestrian signals



Operational Changes

Provide three northbound travel lanes

- Remove slip ramp and free right turn
- Remove one southbound receiving lane
- Provide separate lane for through and left movements
- Rights must stop at crosswalk

Provide leading pedestrian intervals (LPIs) where feasible

Bicycle Improvements

<u>Pros</u>

- Priority shared lanes provide visible markings to make drivers more aware of cyclists

<u>Cons</u>

- No designated space for cyclists

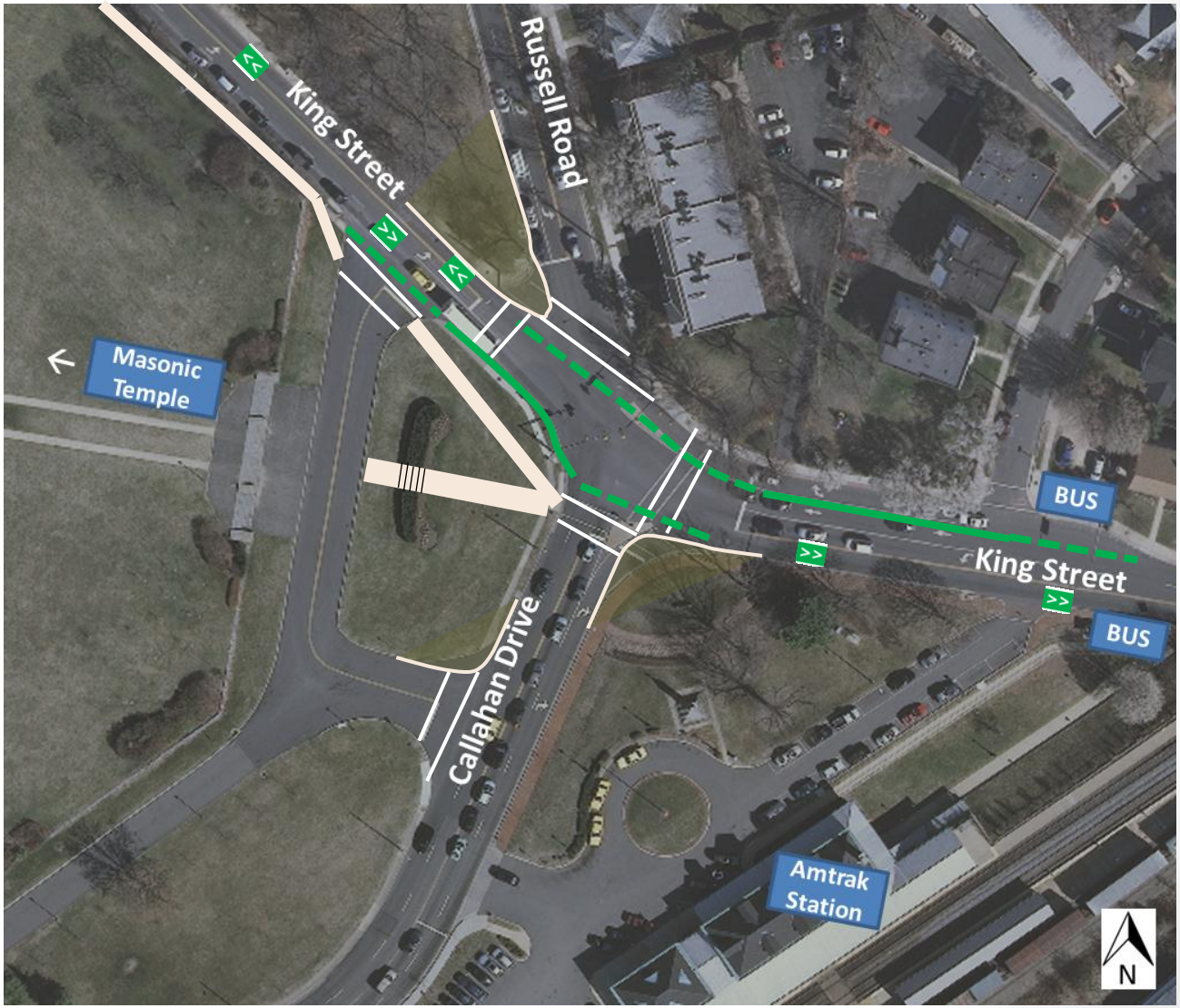
Bicycle Improvements

<u>Pros</u>

- Designated space for cyclist through intersection
- Westbound bike lane through traffic and up hill

<u>Cons</u>

- Bike lanes end into traffic



Next Steps

- Staff will evaluate comments from tonight's meeting
- Public meeting #3 to present preferred options plans for community feedback – Fall 2015

Thank You.

Questions, Comments and Discussion

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