

Existing Transportation Issues and Example Preliminary Recommendations (3 of 3)

- Legend**
- Observed Queues**
- AM, Rolling
 - AM, Stopped
 - PM, Rolling
 - PM, Stopped
- Locations of Preliminary Recommendations**
- Merge Issue
 - Sight Distance Issue
 - Weaving Issue
- Major Road**
- Rail**
- Metrorail Station**
- Study Area**
- Blue Metrorail**
- Silver Metrorail**
- Future Silver Metrorail**
- Future Metrorail Station**



Fairfax County Parkway at Sydenstricker Road

- Upgrade curb ramps to be ADA compliant; install pedestrian signals and pushbuttons
- Provide guide signs to park and ride lot
- Install sidewalk
- Install pedestrian bus stop pad
- Upgrade curb ramps to be ADA compliant
- Realign crosswalk
- Update traffic signal displays

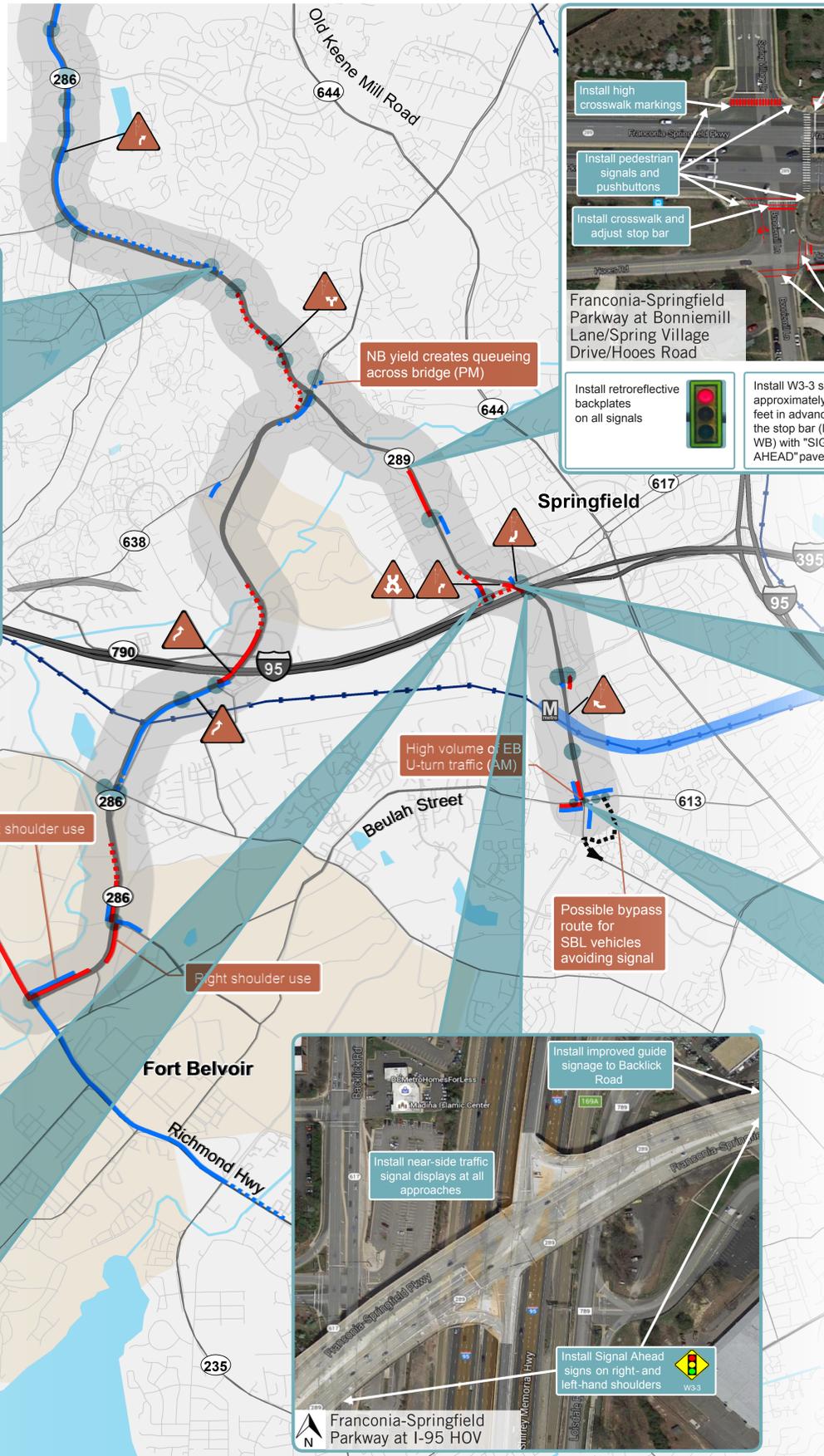
Franconia-Springfield Parkway at Backlick Road WB

- Evaluate intersection lighting improvements to reduce potential glare
- Install pedestrian warning signs and yield bars in advance of crosswalk
- Upgrade curb ramps and sidewalk to be ADA compliant
- Shift stop bar for through and left-turns back 10 feet
- Replace existing protected-permissive signal display with a protected only signal display
- Install high visibility crosswalk, curbs, pedestrian signals, and pushbuttons
- Install NB and SB guide signage to westbound Franconia-Springfield Parkway (see below signs)
- Realign crosswalk
- Install 775 feet prior to the stop bar (SB approach)
- Install at SB approach stop
- Install at NB approach stop
- Install retroreflective backplates on all signals

WEST	WEST	NORTH
289	289	286
←	←	↑

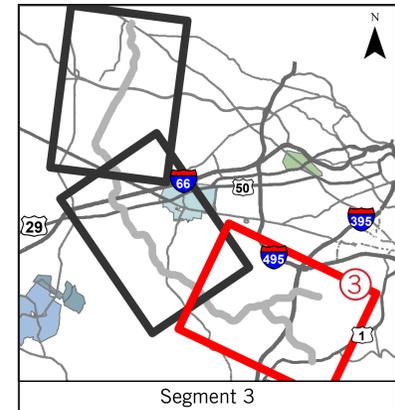
WEST	NORTH
289	286
←	↑

EAST	WEST	
↑	289	286
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Franconia-Springfield Parkway at Bonniemill Lane/Spring Village Drive/Hoos Road

- Relocate pushbutton to new pedestal pole
- Install sidewalk to Bethnal Court
- Upgrade all curb ramps to be ADA compliant
- Install high crosswalk markings
- Install pedestrian signals and pushbuttons
- Install crosswalk and adjust stop bar
- Install sidewalk
- Install crosswalks
- Install retroreflective backplates on all signals
- Install W3-3 signs approximately 1,400 feet in advance of the stop bar (EB and WB) with "SIGNAL AHEAD" pavement



Franconia-Springfield Parkway at Backlick Road EB

- Install 775 feet prior to the stop bar (NB approach)
- Install at NB approach stop
- Install at SB approach stop
- Relocate pedestrian pushbuttons adjacent to curb
- Install pedestrian signal for crossing south leg
- Install mountable curb to control access at the signal
- Install guide signage to EB Franconia-Springfield Parkway

WEST	WEST	NORTH
289	289	286
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EAST	WEST	NORTH
289	289	286
←	←	↑

Franconia-Springfield Parkway at Beulah Street

- Upgrade all curb ramps to be ADA compliant
- Install near-side traffic signal displays at each approach
- Relocate or replace next signal (D3-2) signs to be a minimum 565 feet before the stop bar (SB, WB)
- Eliminate channelized right-turn movement
- Realign crosswalk to be perpendicular to roadway; cover all SB lanes
- Extend EB left-turn lanes
- U-TURN YIELD TO RIGHT TURN
- Bike lane striping through intersection
- Reconstruct sidewalk and ramps
- Install pedestrian warning signs and yield bars in advance of crosswalk
- Install lane control sign to indicate EB U-turn is served by left-most lane
- Modify geometry to 3 NBL turn lanes and 3 WB through lanes
- Install Advance Intersection Warning Signs 1,500 feet before stop bar, extend mini-skip markings for the right-turn lane, install right-turn pavement markings, and Right Lane Must Turn Right (R3-7) sign. Install Next Signal (D3-2) sign on the mast arm.
- Watch For Stopped Vehicles