

QUINCY/DEWOLFE OVERVIEW

Project Goals

- **Align with the City of Cambridge Bicycle Plan (2020)**
- **Create a north-south bicycle corridor east of Harvard Square, connecting separated bike facilities:**
 - Dr. Paul Dudley White Path along Charles River
 - John W. Weeks Bridge
 - Mt. Auburn Street, Mass. Ave., Broadway and Cambridge Street
- **Improve bicycling comfort:**
 - Increased separation between bikes and motorized vehicles
 - Traffic calming measures to reduce speeds
- **Balance needs of other modes that use the corridor:**
 - Pedestrian crossings
 - Bus service and stops, especially on Quincy Street
 - Short-term parking needs of Harvard Square commercial uses

Project Goals	Two-way with Buffer	Two-way without Buffer	Buffered Contraflow
Alignment with City Bicycle Plan	✓	✓	✓
Create a north-south bicycle corridor east of Harvard Square, connecting separated bike facilities	✓	✓	✓
Improve bicycling comfort	✓	✗	—
Balance needs of other modes			
• Pedestrian crossings	✓	✓	✓
• Transit operations	✗	✓	✓
• Metered Parking Space Loss	✗	—	—

✓ Achieves purpose/need

— Consistent with purpose/need, but with some impact or deficiency

✗ Does not achieve purpose/need

DEWOLFE STREET

Design Concepts



EXISTING CONDITIONS *ON-STREET PARKING*

- 7 FT PARKING LANE
- 12 FT TRAVEL LANE
- 7 FT PARKING LANE
- NO BICYCLE FACILITIES
- PARKING ON BOTH SIDES



BUFFERED CONTRAFLOW *ON-STREET PARKING*

- 5 FT ONE-WAY NB BIKE LANE
- 3 FT BUFFER
- 11 FT SHARED TRAVEL LANE
- 7 FT PARKING LANE
- PARKING ON WEST SIDE

DEWOLFE/BOW	METERED	LOADING ZONE	BUS STOP	FIRE DEPARTMENT
EXISTING	43	20 FEET	N/A	N/A
PROPOSED	20	40 FEET	N/A	N/A
DIFFERENCE	-23	+20 FEET	-	-

QUINCY STREET

Design Concepts



EXISTING CONDITIONS *ON-STREET PARKING*

- 13 FT TRAVEL LANE
- NO BUFFER
- 6 FT BIKE LANE
- 7 FT PARKING LANE
- PARKING ON WEST SIDE

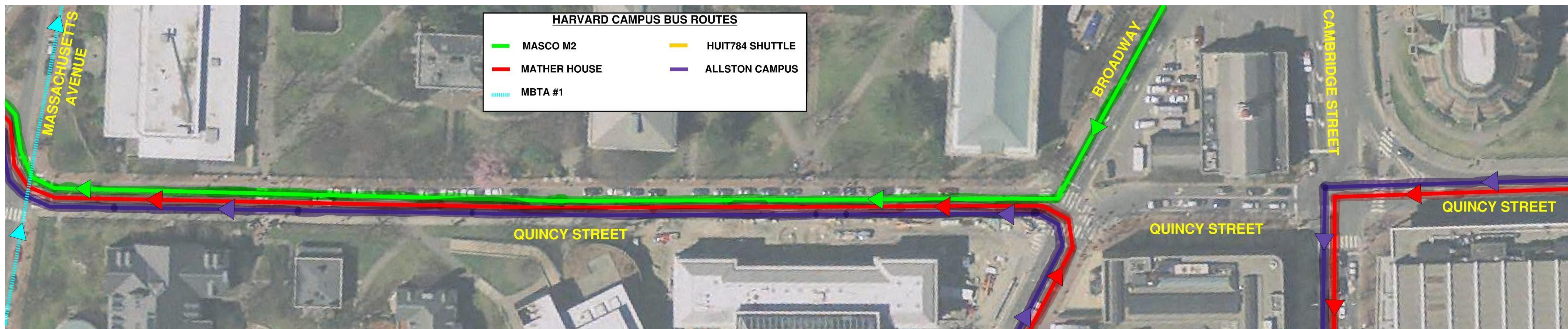
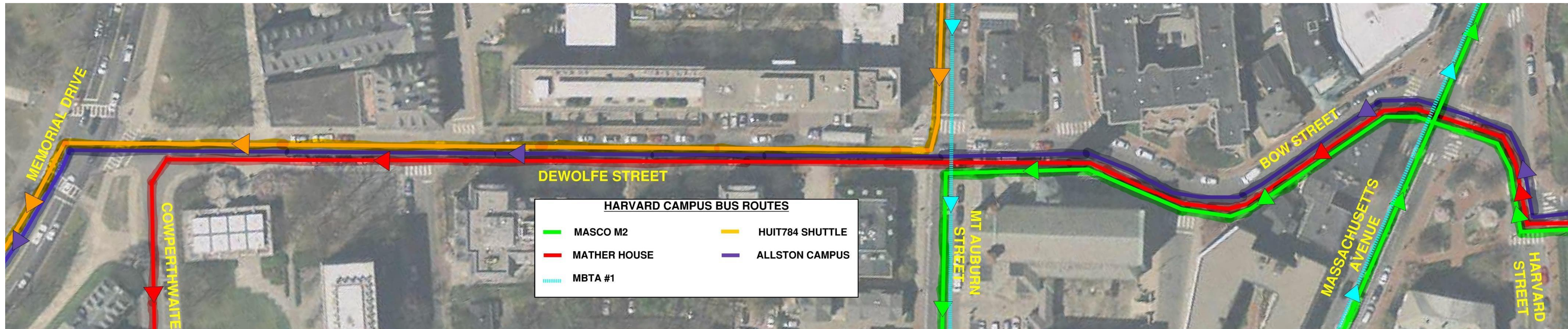


BUFFERED CONTRAFLOW *ON-STREET PARKING*

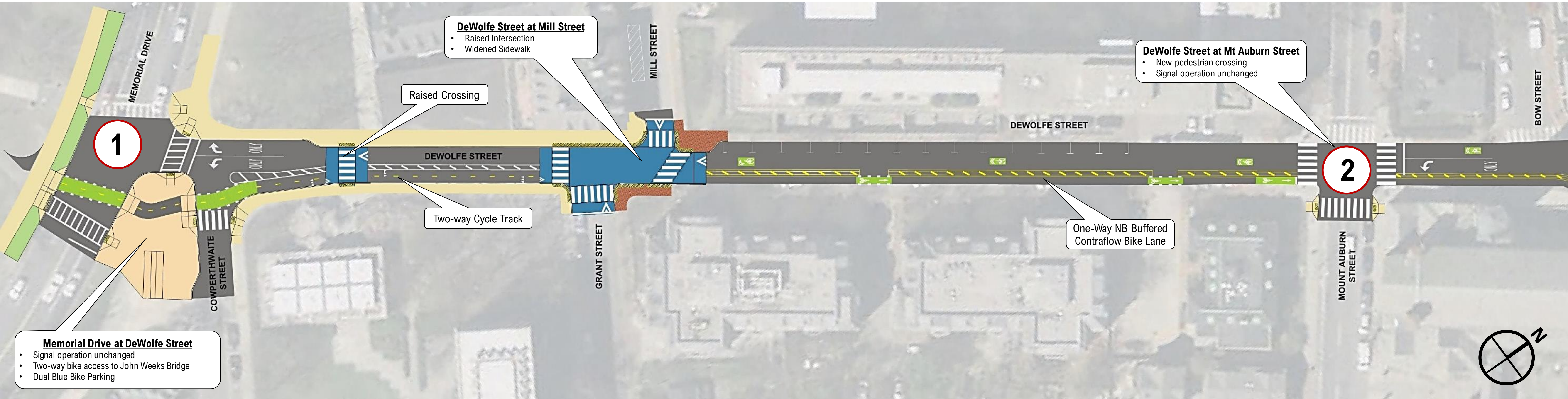
- 5 FT ONE-WAY NB BIKE LANE
- 3 FT BUFFER
- 11 FT SHARED TRAVEL LANE
- 7 FT PARKING LANE
- PARKING ON WEST SIDE

QUINCY	METERED	LOADING ZONE	BUS STOP	FIRE DEPARTMENT
EXISTING	24	N/A	140 FEET	2
PROPOSED	22	N/A	180 FEET	2
DIFFERENCE	-2	-	+40 FEET	0

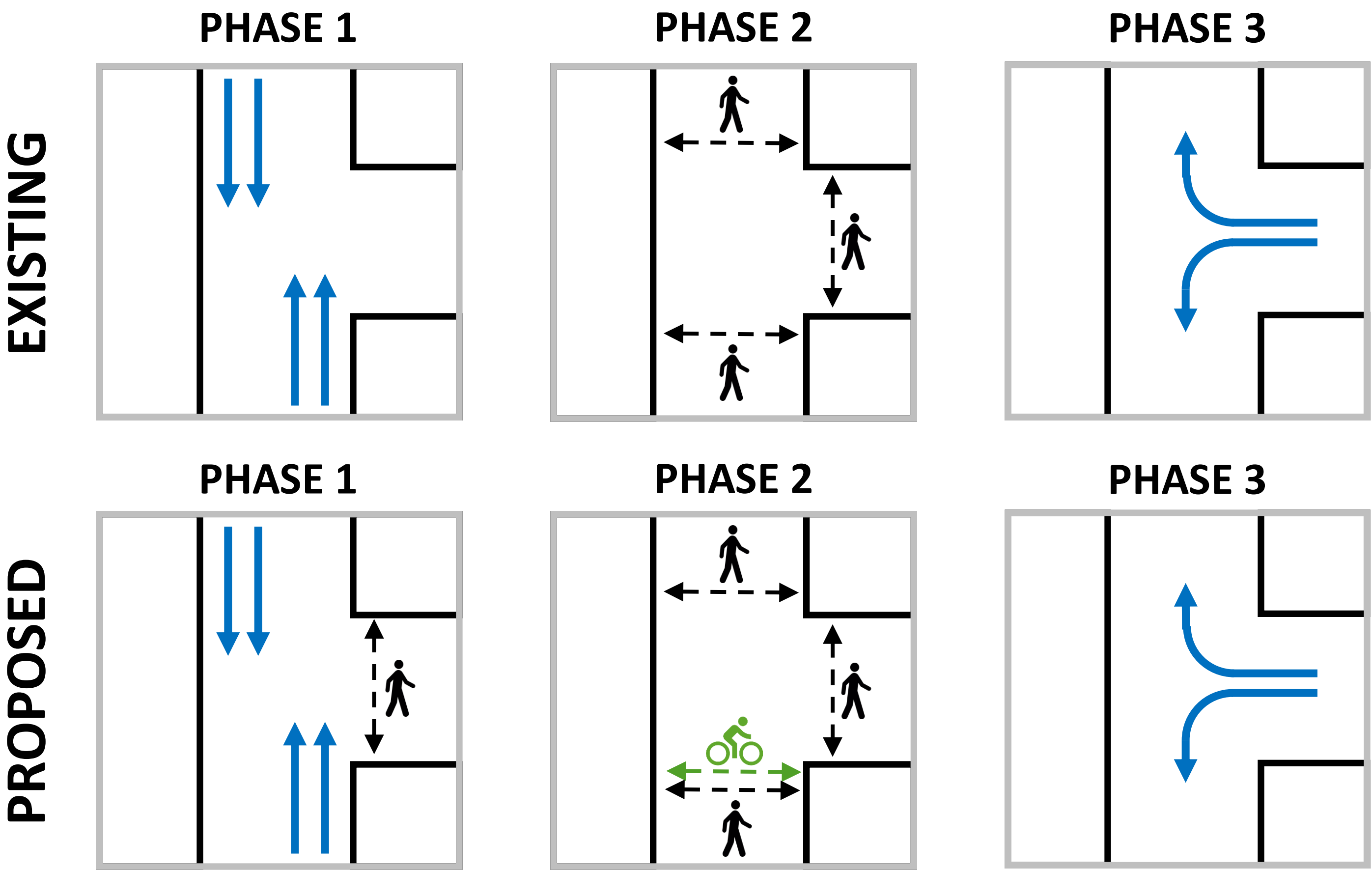
PUBLIC TRANSIT ROUTES ALONG QUINCY/DEWLOFE STREET



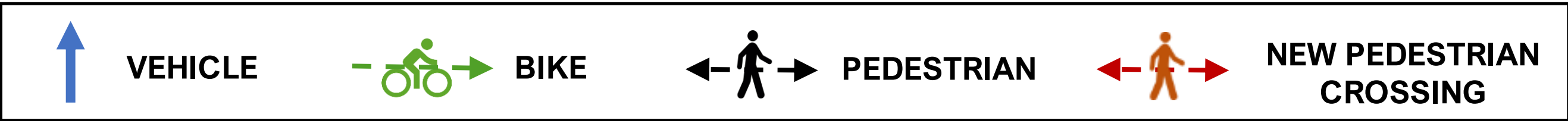
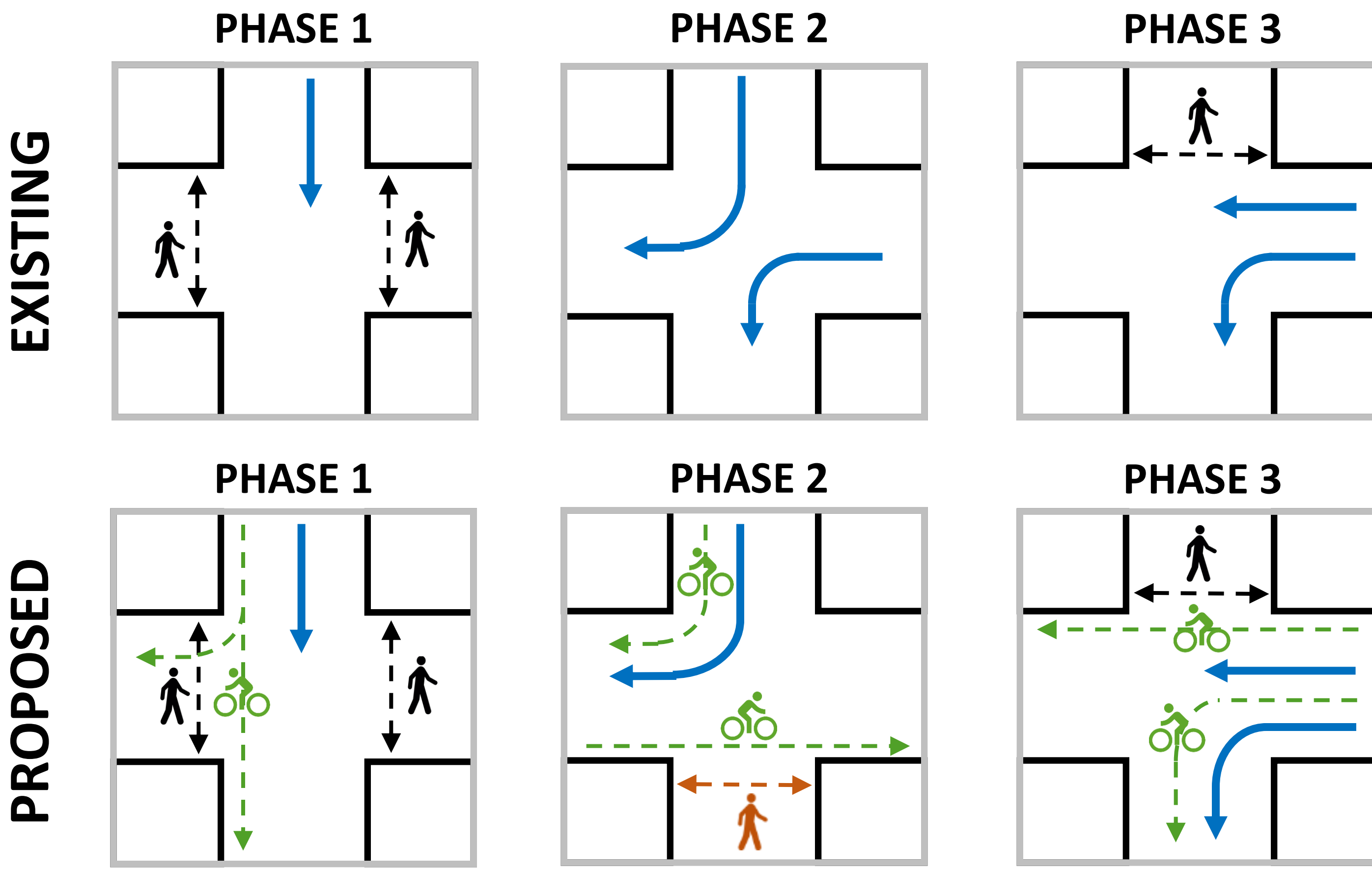
PREFERRED CONCEPT ELEMENTS



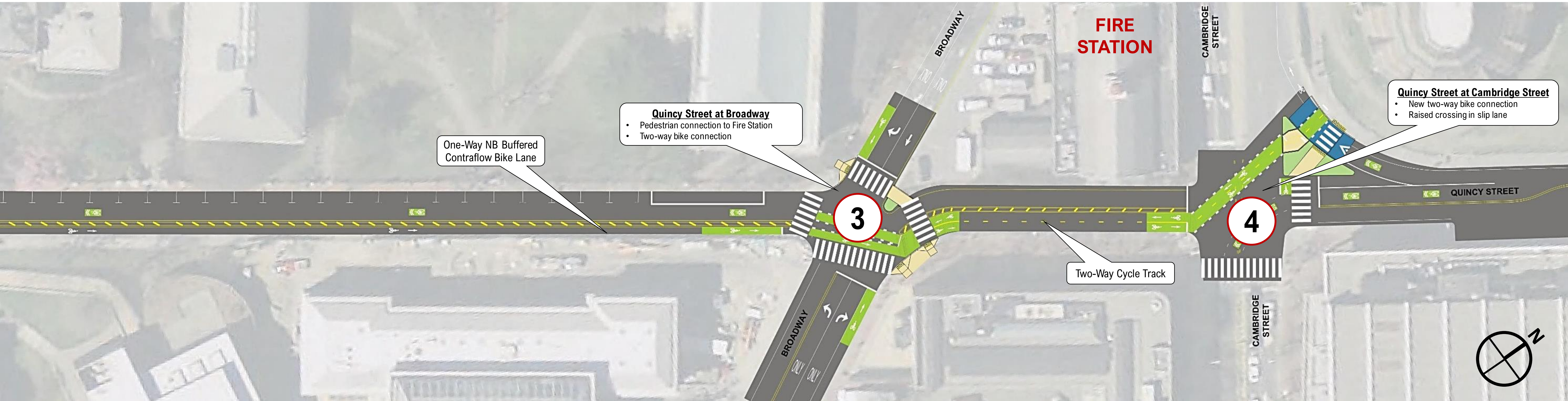
1 Memorial Drive



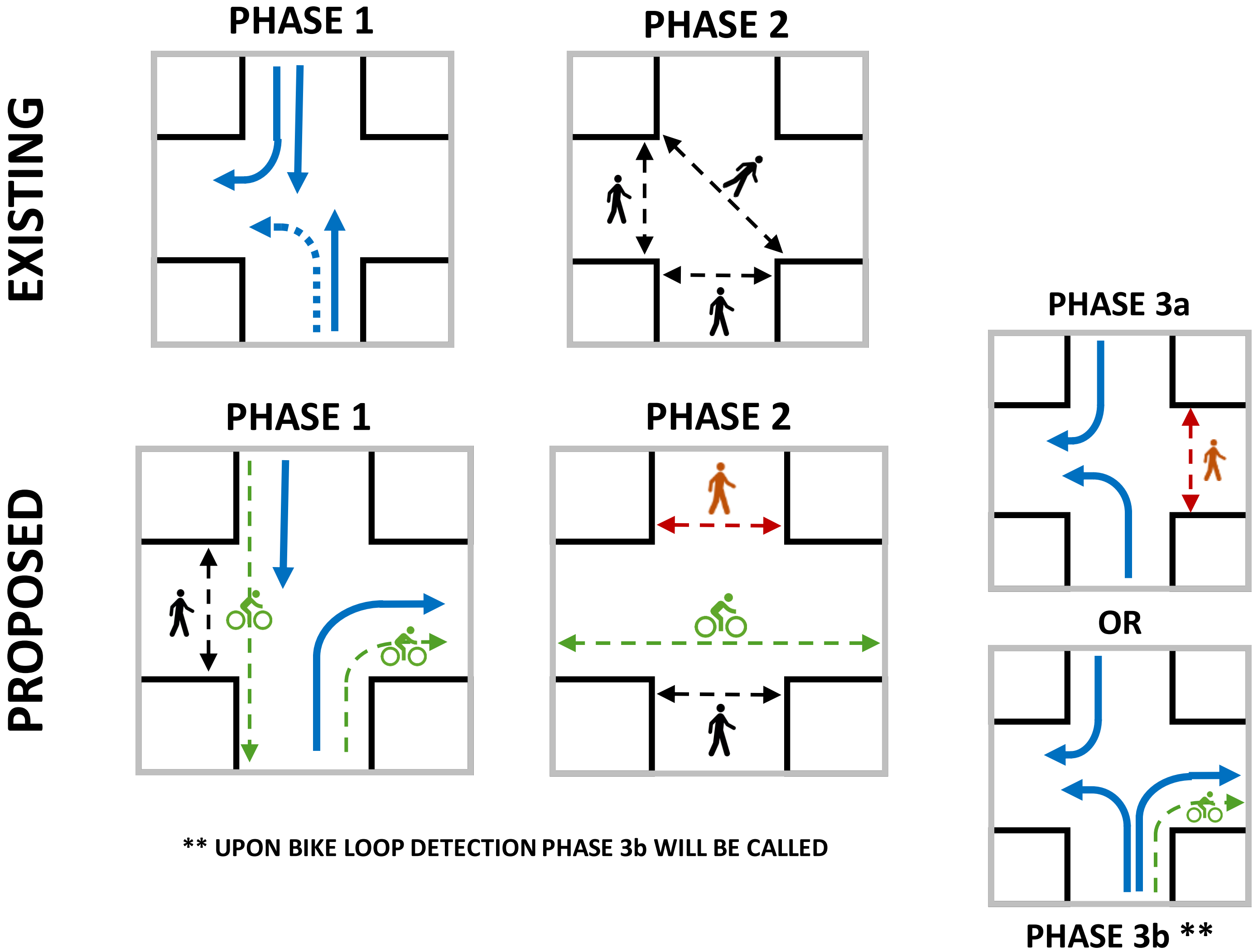
2 Mount Auburn Street



PREFERRED CONCEPT ELEMENTS



③ Broadway



④ Cambridge Street

