

Hennepin Avenue Reconstruction

Washington Avenue to 12th Street

April 2016

Upcoming Opportunities

Public Meeting #2

April 25, 2016

Minneapolis Central Library

Doty Board Room

Repeat presentation at 4pm & 5pm

Project Contact:

Simon Blenski, Minneapolis Public Works

612-673-5012

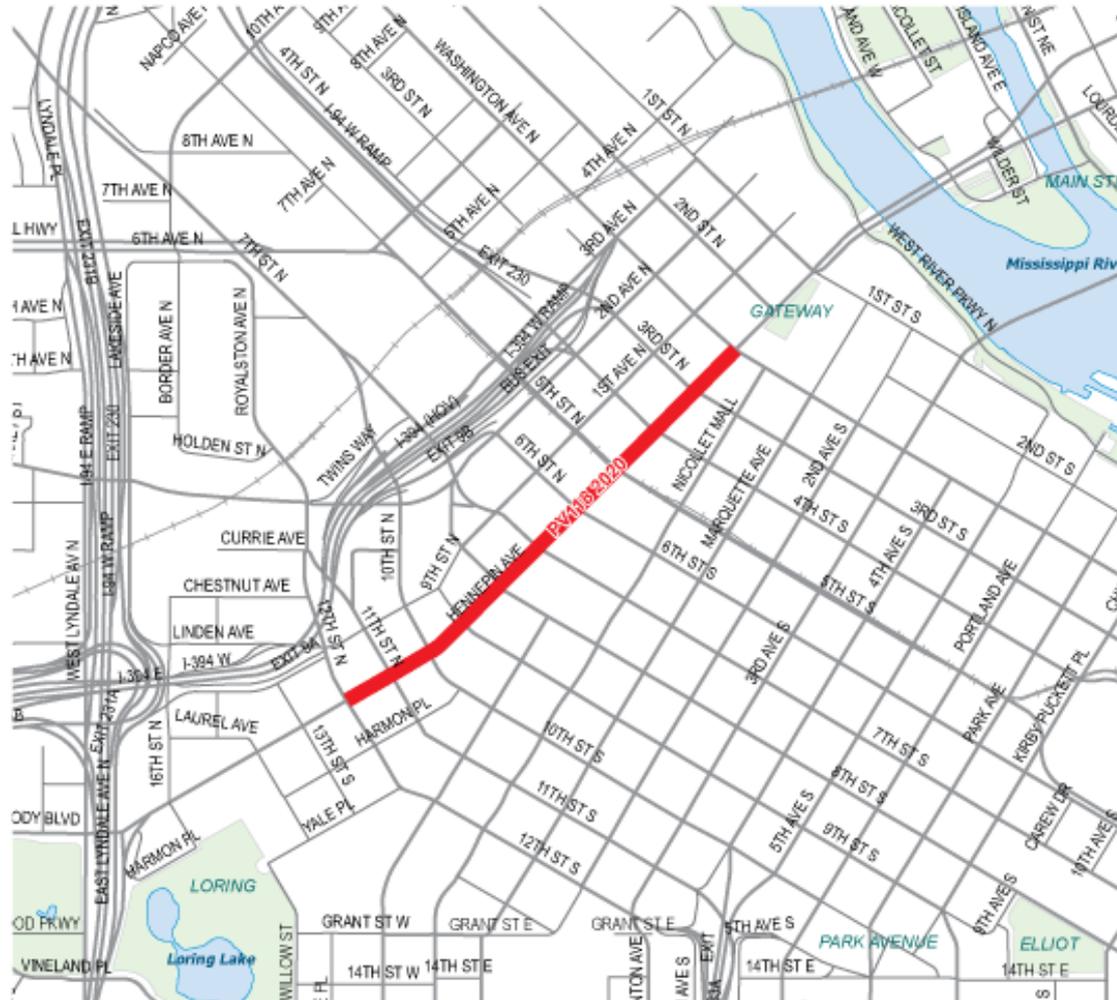
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Website:

www.minneapolismn.gov/cip/future/WCMSP-172270

Project Overview

PV118 - Hennepin Ave (Washington Ave - 12th St N)



Project



Project Schedule

Timing	Task
Winter/Spring 2016	Technical evaluation and initial public engagement
Early June 2016	Seek City Council approval for preferred street concept
July 2016	Submit application for federal transportation grant
2017-2019	Detailed design/engineering and additional public engagement
2019	Advanced utility work
2020	Construction

← Current task

← Near-term deadline

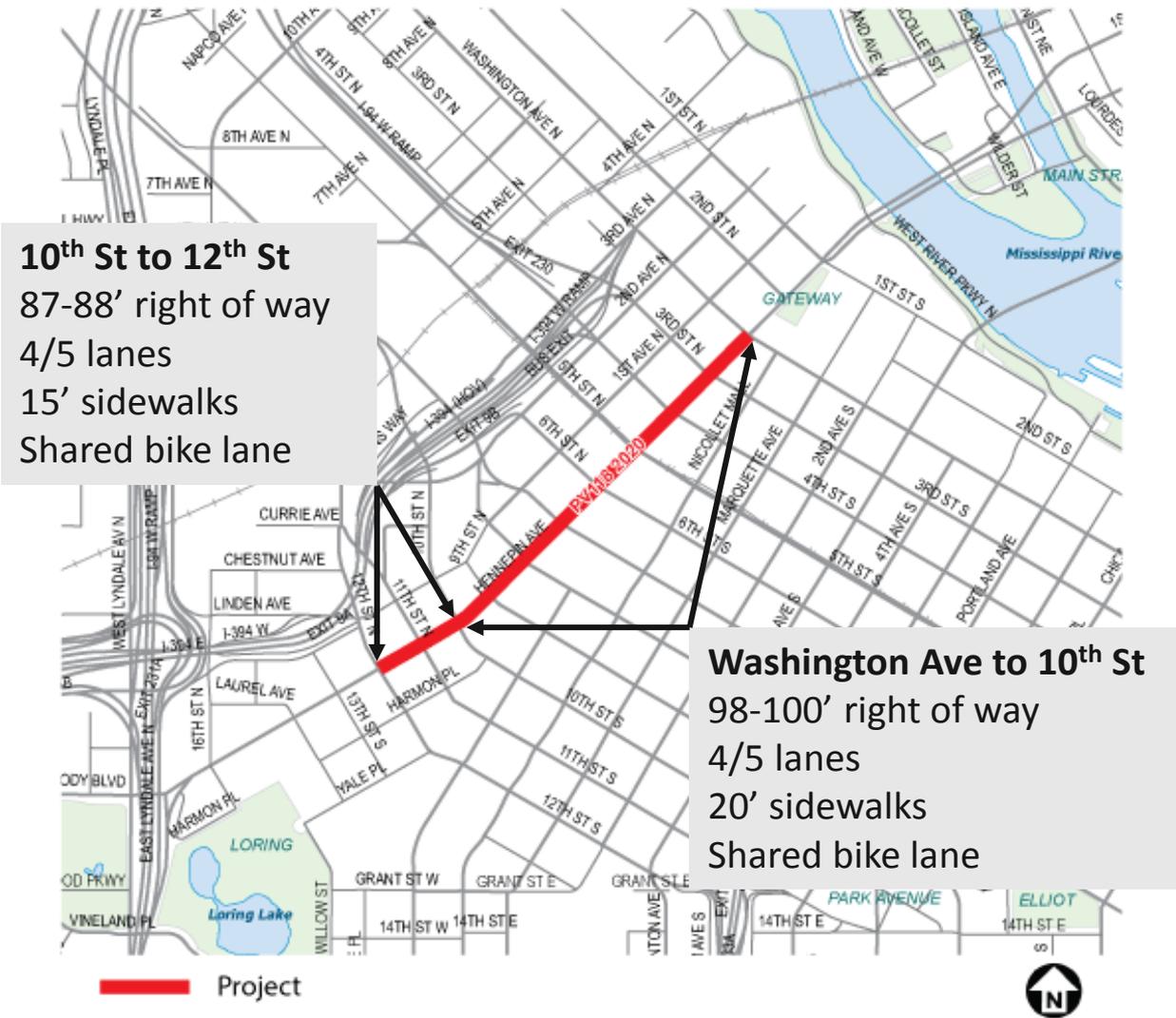
Project Funding

Anticipated Funding Sources	Total (millions)
Federal grant	\$7.0
Municipal State Aid	\$5.0
Net Debt Bonds	\$2.3
Special Assessments	\$1.075
Sewer Enterprise Funding	\$0.25
Total	\$15.625

- Initial estimate from Public Works' Capital Budget Request
- Planning work and preferred concept will inform a refined cost estimate

Existing Design

PV118 - Hennepin Ave (Washington Ave - 12th St N)



Project Components



Sidewalk area

Able to support pedestrian activities with space for planting and furnishing zones



Transit facilities

Space for enhanced shelters, real-time departure signs, and long-term arterial bus rapid transit (aBRT)



Bikeway design

Protected bikeway separated from motor vehicle traffic



Roadway design

Maintain an acceptable level of service for transit and motor vehicles and foster a safe environment for all users

Concepts Evaluated

Various Travel Lane Configurations

- Alternating 3/4 lanes
- 4 lanes
- 4 lanes with select left turn lanes
- Alternating 4/5 lanes

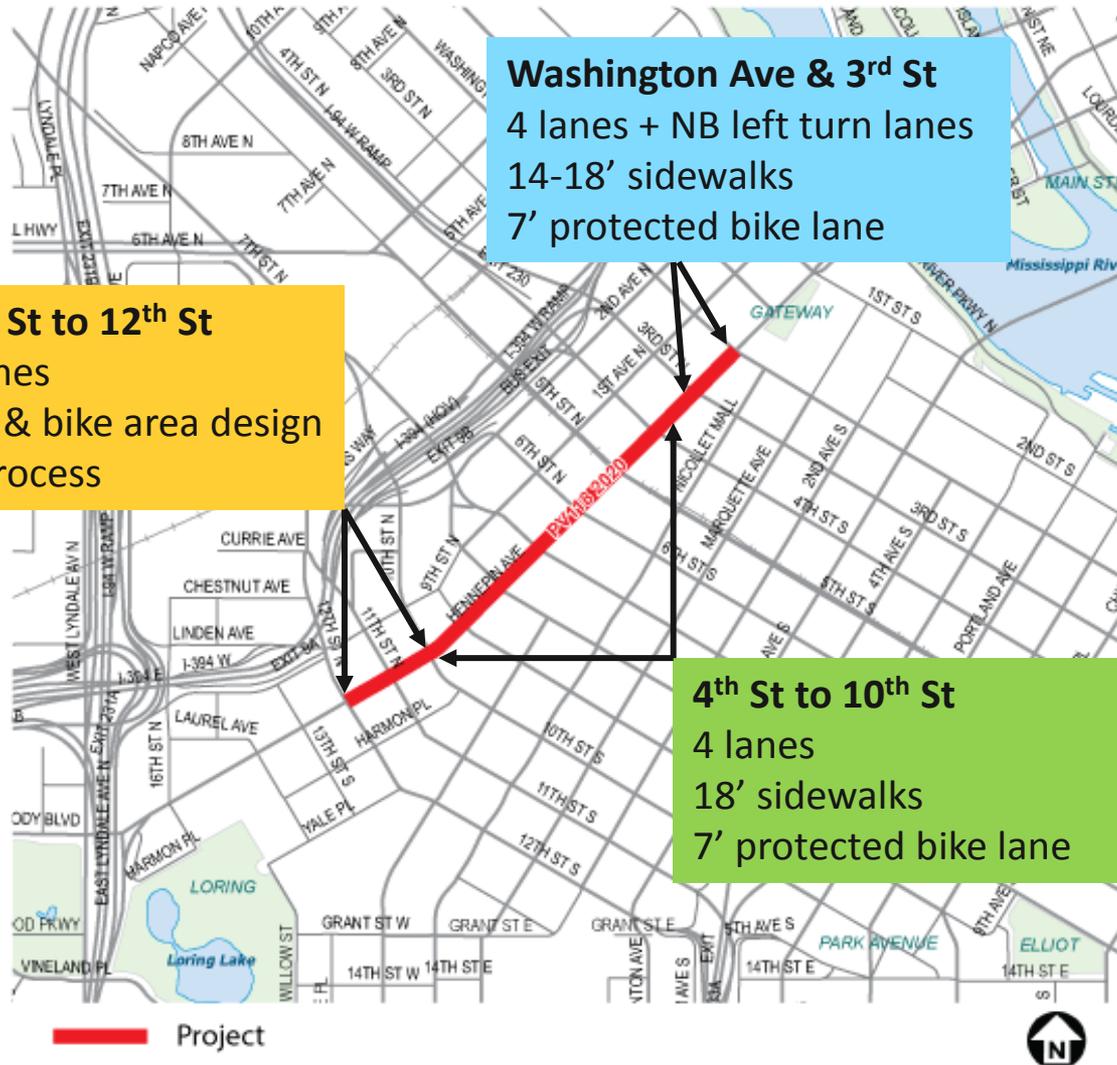
Bikeway Design

- 1-way protected bike lane
- 2-way protected bike lane

Other combinations of bikeway, travel lane, and transit design

Proposed Concept

PV118 - Hennepin Ave (Washington Ave - 12th St N)



Proposed Concept

Pedestrian and bicycle design



Segment	Pedestrian Zone		Street Width	
	Base	Proposed	Base	Proposed
Washington Ave to 4 th St	20'	14-18'	59'	48-58'
4 th St to 10 th St	20'	18'	59'	48'
10 th St to 12 th St	15'	In process	59'	48'



Segment	Bikeway Zone	
	Base	Proposed
Washington Ave to 10 th St	Shared lane	7' protected bike lane at sidewalk level
10 th St to 12 th St	Shared lane	Protected bike lane design in process

Proposed Concept

Motor vehicle and transit travel times



	Northbound (min)		Southbound (min)	
	Base	Proposed	Base	Proposed
AM Peak	6.9	7.6	6.6	7.2
Mid-Day	4.3	4.5	5.3	5.4
PM Peak	10.3	9.4	7.8	8.4

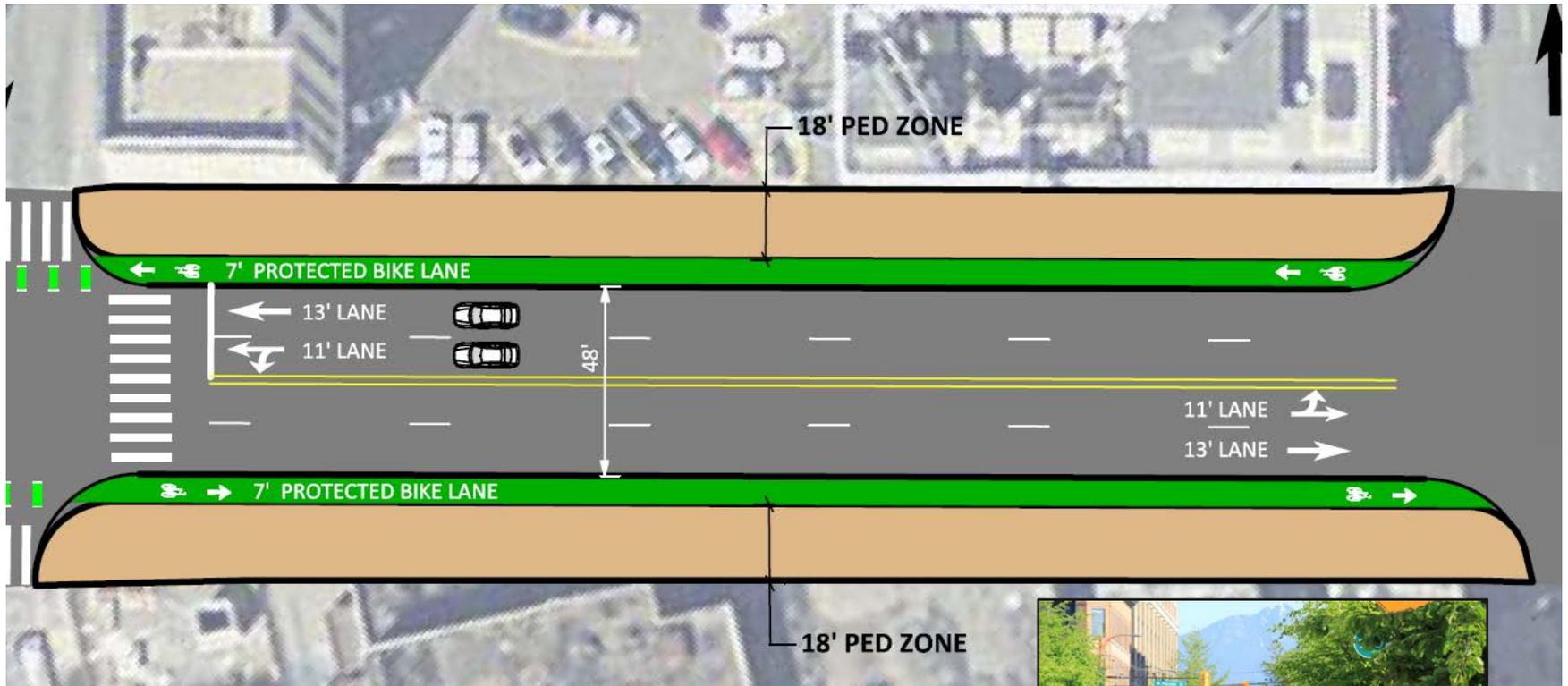


	Northbound (min)		Southbound (min)	
	Base	Proposed	Base	Proposed
AM Peak	12.2	13.1	13.6	14.1
Mid-Day	10.9	10.9	11.7	11.6
PM Peak	15.9	15.1	15.8	16.7

2040 travel time from Mississippi River to 16th St
Assume 0.25% annual growth in motor vehicle traffic

Proposed Concept

4th St to 10th St – Block with no transit stop



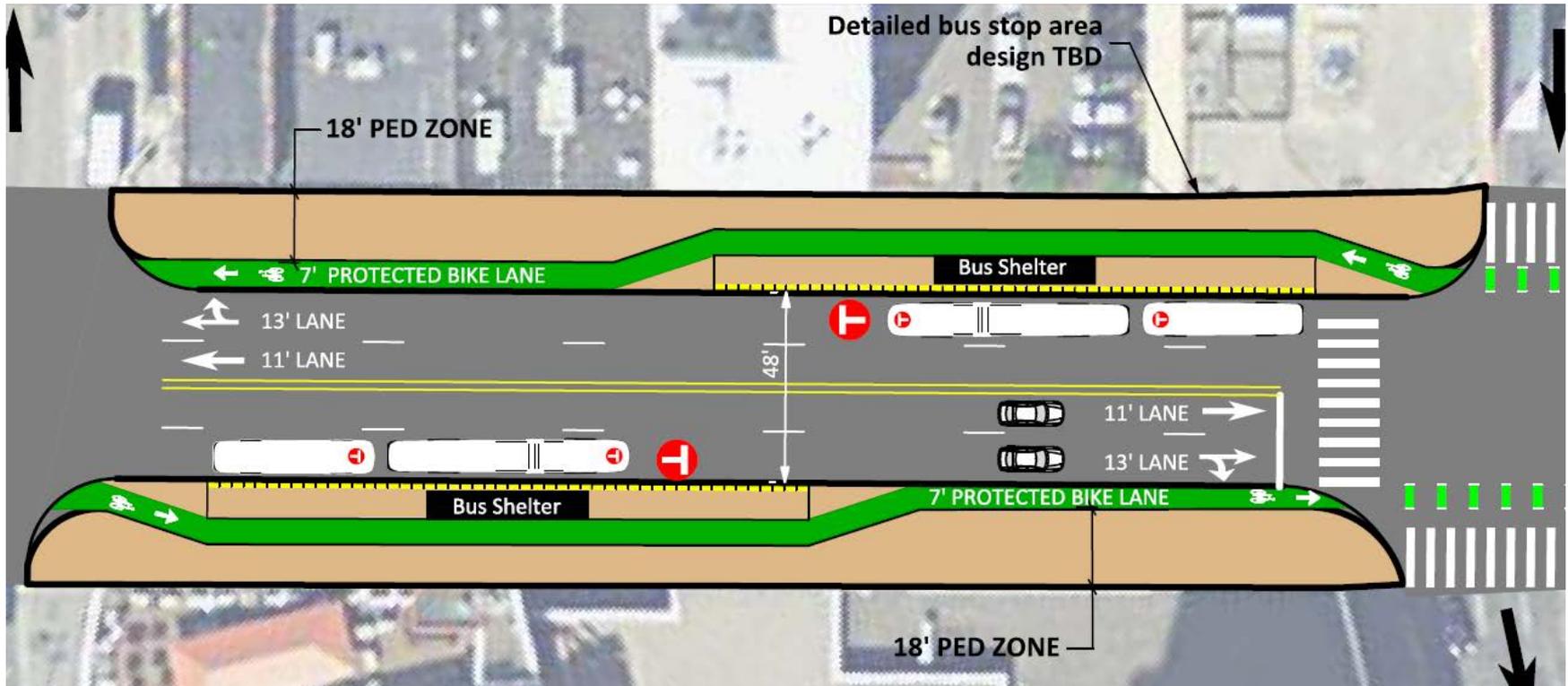
- 18' pedestrian zone
- 7' protected bike lane at sidewalk level
- 48' roadway with 4 lanes



Example protected bike lane at sidewalk level

Proposed Concept

4th St to 10th St – Block with transit stop



18' pedestrian zone

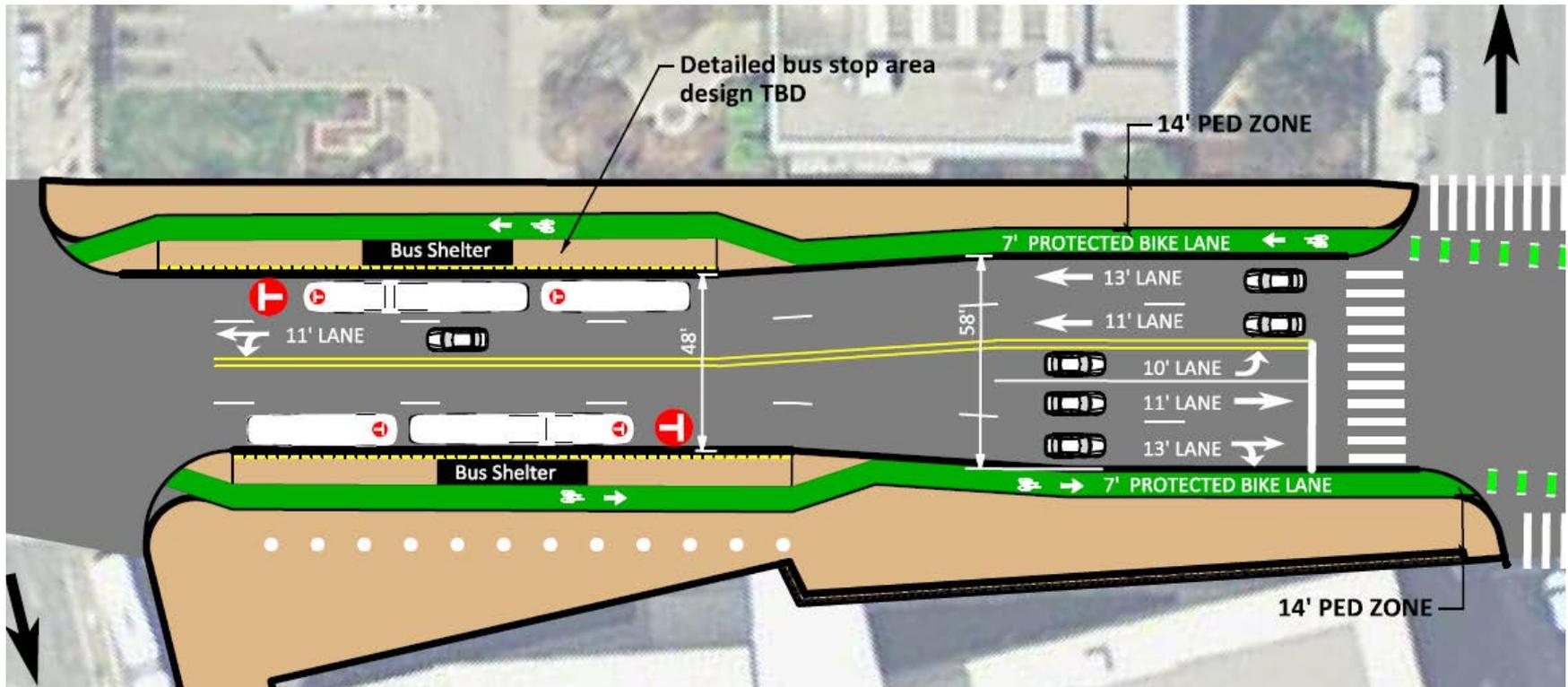
7' protected bike lane at sidewalk level

48' roadway with 4 lanes

Transit shelter and waiting area (narrower pedestrian and bike zone)

Proposed Concept

Washington Ave to 4th St – NB left turn lane



14-20' pedestrian zone

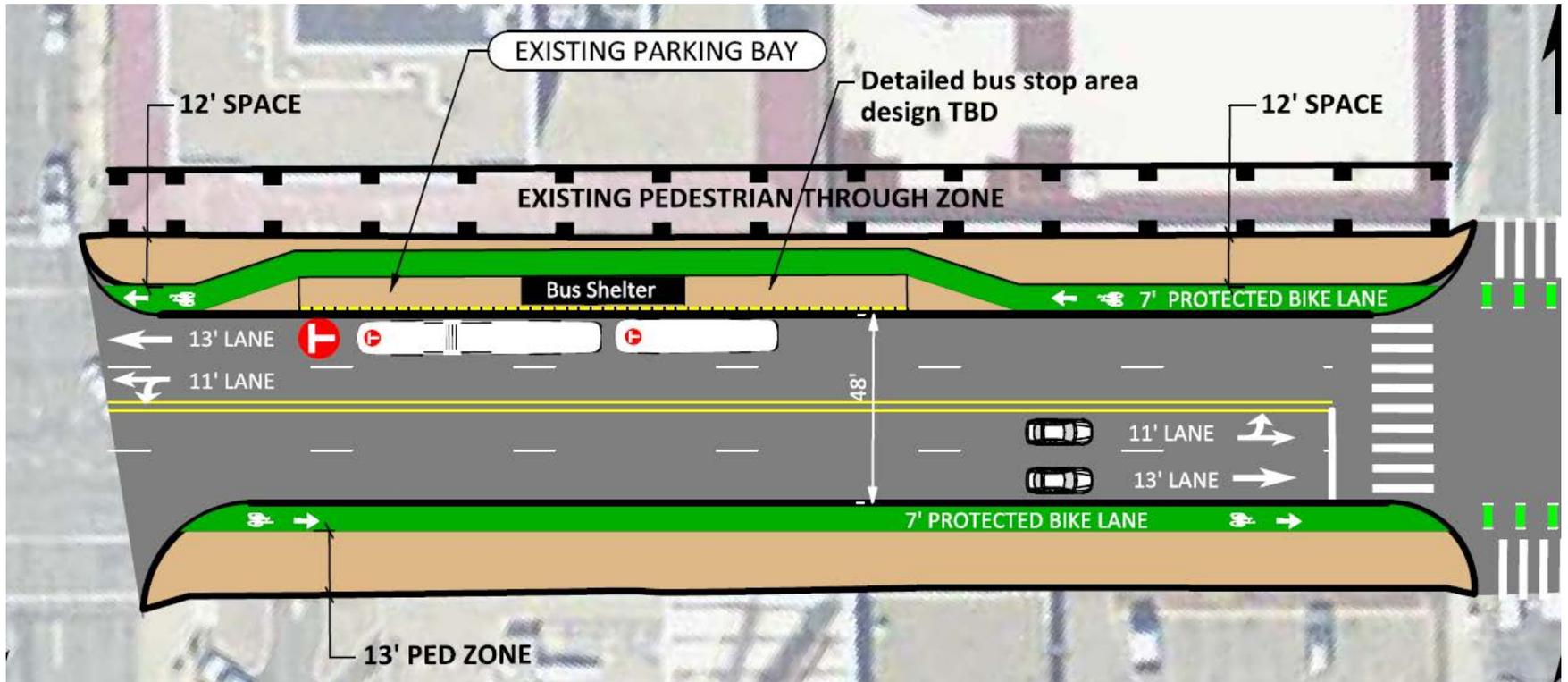
7' protected bike lane at sidewalk level

48-58' roadway with 4-5 lanes

Transit shelter and waiting area (narrower pedestrian and bike zone)

Proposed Concept

10th St to 12th St – narrower right of way



Draft - Pedestrian and bikeway design in process

Next steps

- **April** - Seeking feedback on proposed concept
- **April 25** - Public meeting #2
- **Early June** - Seek Council approval for preferred concept
- **2017-2019** - Additional engagement and detailed design

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