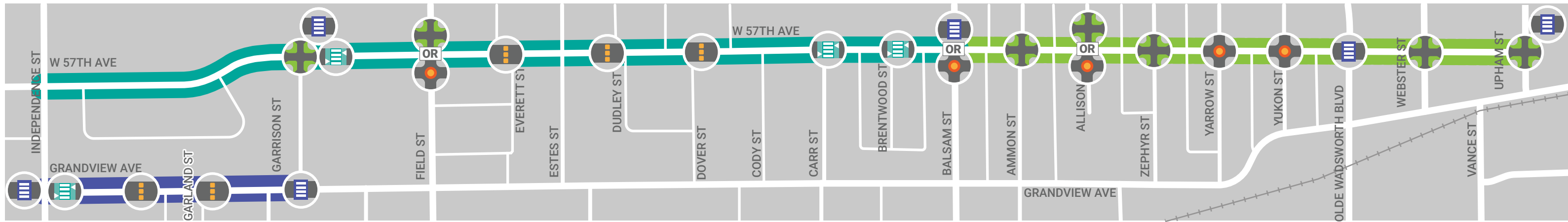


# West 57th Avenue Corridor Study | Recommended Concepts



## OPTION A: TRAFFIC CALMING

Reduce posted speed limit from 30 mph to 25 mph.

Dash centerline

**Short-term:** convert parking lane to a one-way bike lane.  
**Long-term:** widen sidewalk to a sidepath.

### CURB EXTENSIONS



#### DEFINITION

- » Extension of the sidewalk into the street at intersections or mid-block

#### BENEFITS

- » Reduces crossing distance for pedestrians
- » Increases visibility for pedestrians
- » Slows turning vehicle speeds

Source: ITE Traffic Calming Fact Sheets. Corner Extension/Bulbout. May 2018.



### SPEED CUSHIONS



#### DEFINITION

- » Two or more raised areas of pavement surface placed across roadway
- » Gaps between speed cushions allow emergency vehicles to navigate without deflection

#### BENEFITS

- » Lowers motorist speeds

Source: ITE Traffic Calming Fact Sheets. Speed Cushion. May 2018.



### RAISED CROSSING



#### DEFINITION

- » Crossing with raised walkway closer to sidewalk level
- » May be used mid-block or at intersections

#### BENEFITS

- » Slows motorist speeds
- » Increases yielding

Source: ITE Traffic Calming Fact Sheets. Raised Crosswalk. May 2018.



### TRAFFIC CIRCLE



#### DEFINITION

- » Raised circular median placed in intersection on neighborhood streets
- » Approaching traffic yields to circulating traffic

#### BENEFITS

- » Lowers motorist speeds
- » Mitigates right-angle crashes

Source: ITE Traffic Calming Fact Sheets. Traffic Circle. May 2018.



### CROSSING IMPROVEMENT

Additional crossing treatments



Marked crosswalk



Rapid Rectangular Flashing Beacon (RRFB)



Stop signs



Bike box



Two-stage bicycle turn box



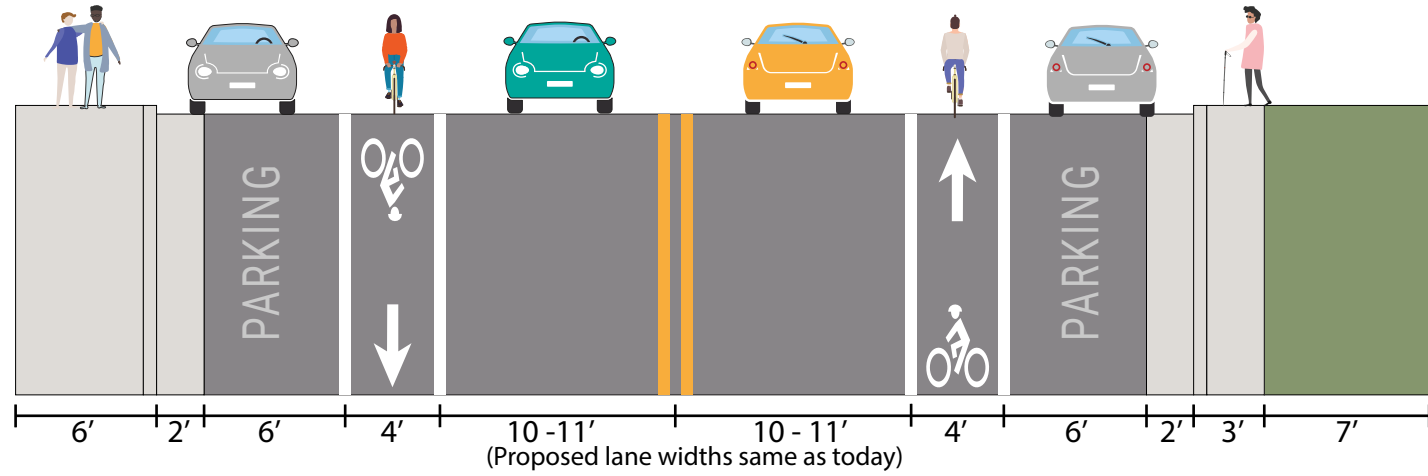
Bicycle detection

See next page for: **cross-sections depicting additional options for W 57th Avenue and Grandview Avenue.**

# West 57th Avenue Corridor Study | Recommended Concepts

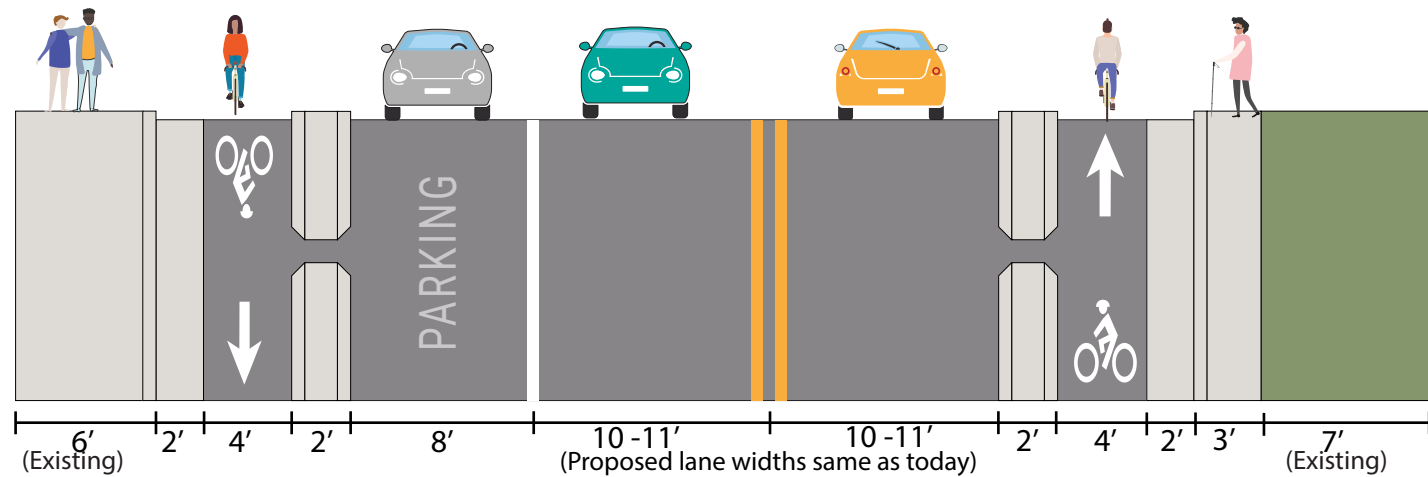
## West 57th Avenue (facing east) Garrison Street to Balsam Street (60' right-of-way)

### EXISTING (TYPICAL)



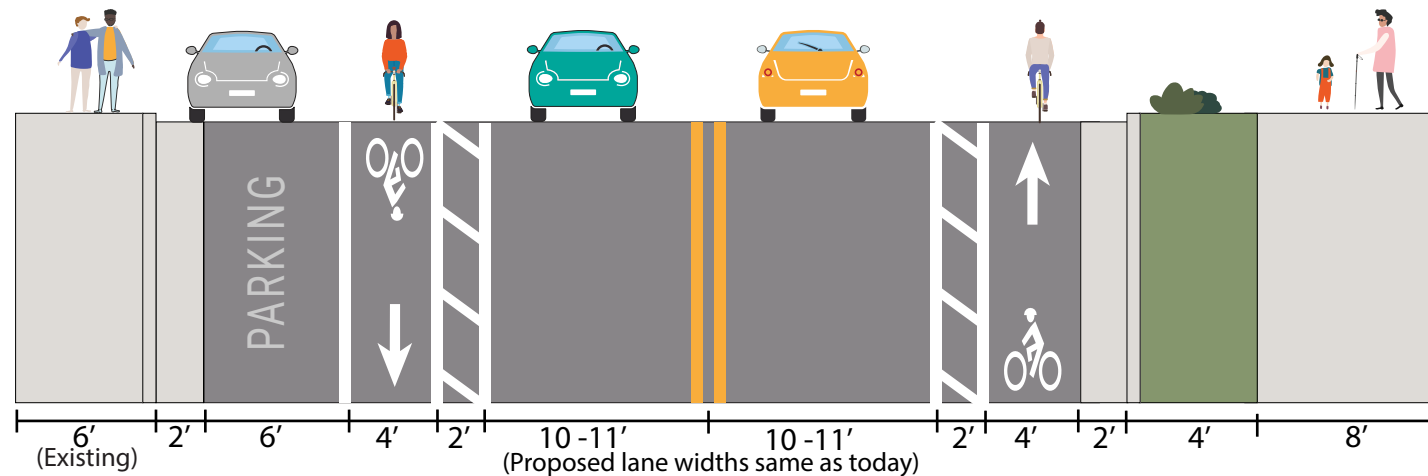
### OPTION B: TRAFFIC CALMING & BICYCLING FOCUS

Remove eastbound parking lane and install separated bicycle lanes.



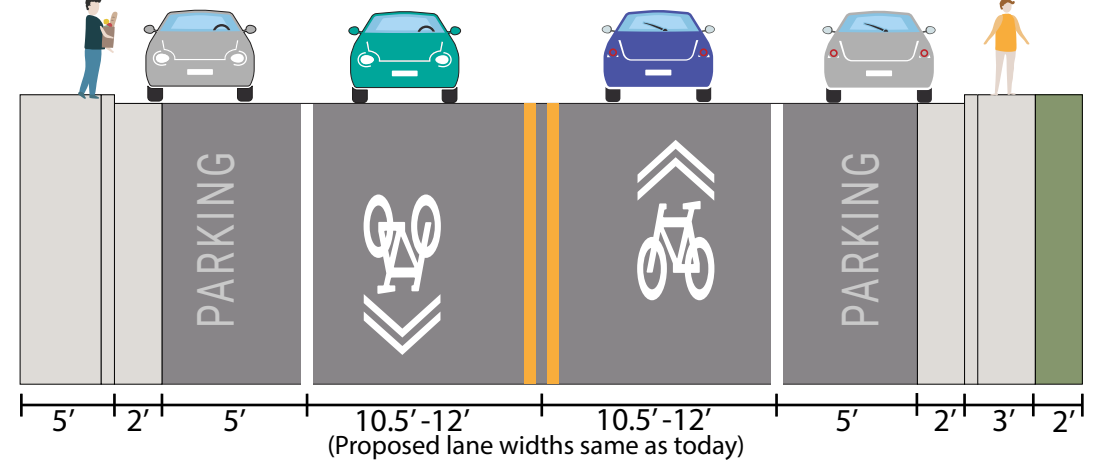
### OPTION C: TRAFFIC CALMING & WALKING FOCUS

Remove eastbound parking lane, widen bike lanes, widen southern sidewalk and add planted buffer.



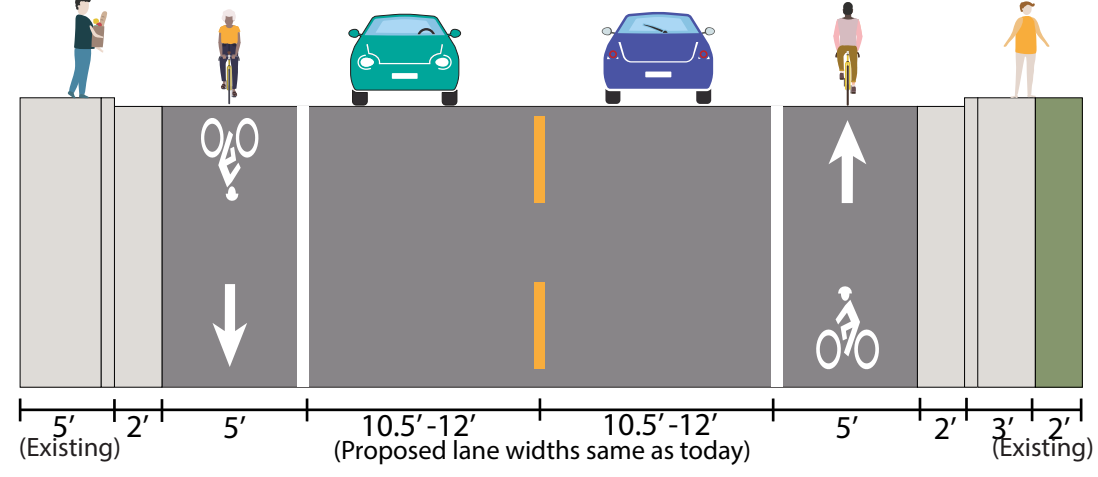
## West 57th Avenue (facing east) Balsam Street to Olde Wadsworth Blvd (40' right-of-way)

### EXISTING (TYPICAL)



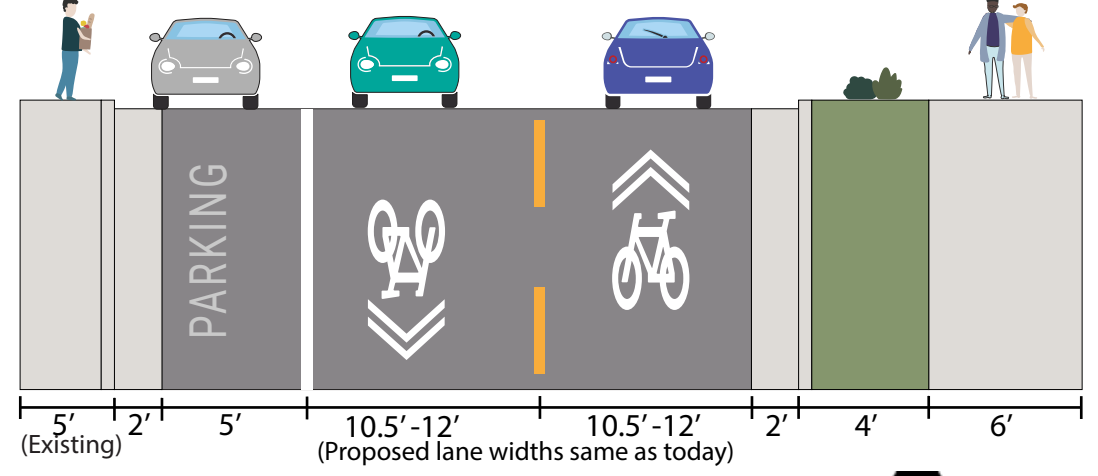
### OPTION B: TRAFFIC CALMING & BICYCLING FOCUS

Replace parking lanes with bicycle lanes.



### OPTION C: TRAFFIC CALMING & WALKING FOCUS

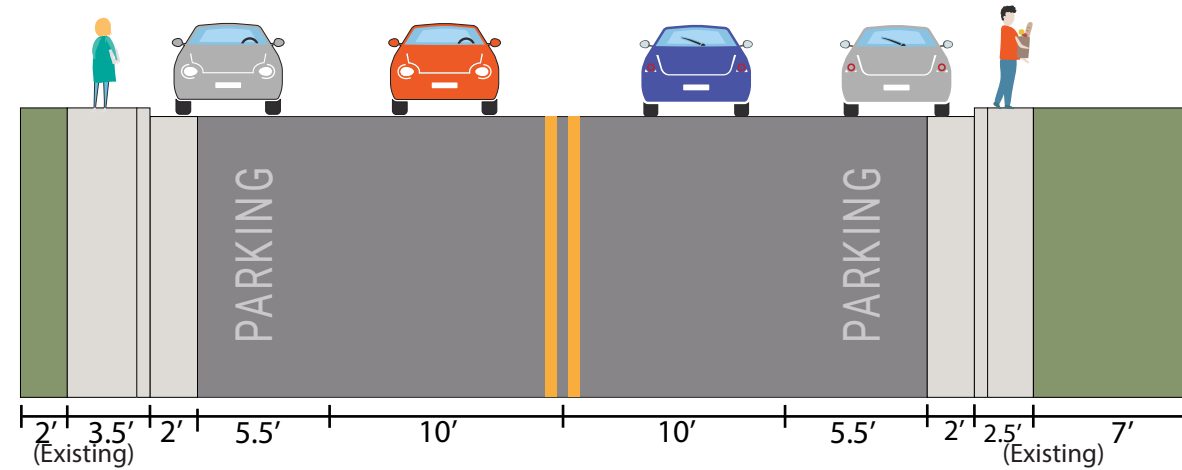
Remove eastbound parking lane to widen southern sidewalk and add planted buffer.



 Grey vehicles indicate motor vehicles parked in a designated parking lane.

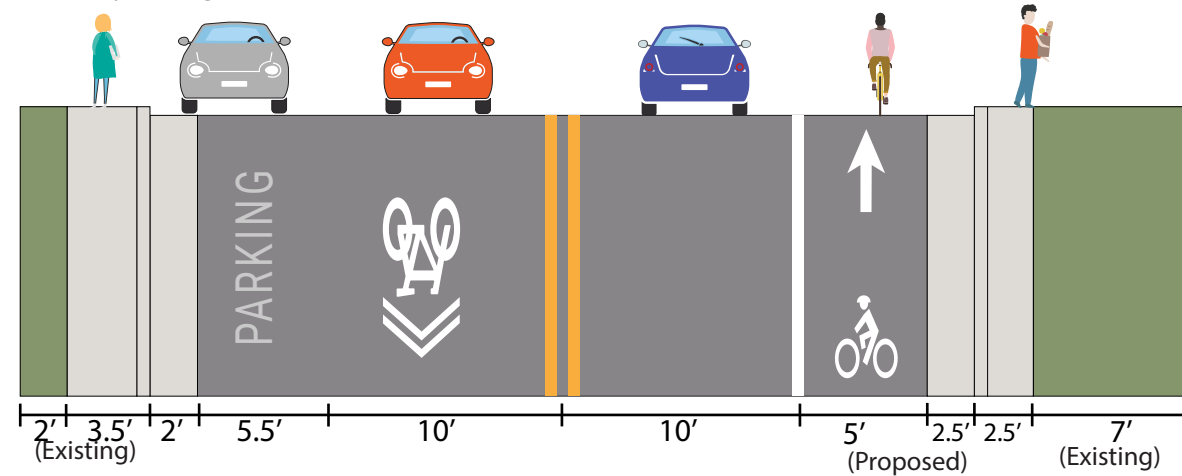
## Grandview Avenue (facing east) Independence Street to Garrison Street (50' right-of-way)

### EXISTING (TYPICAL)



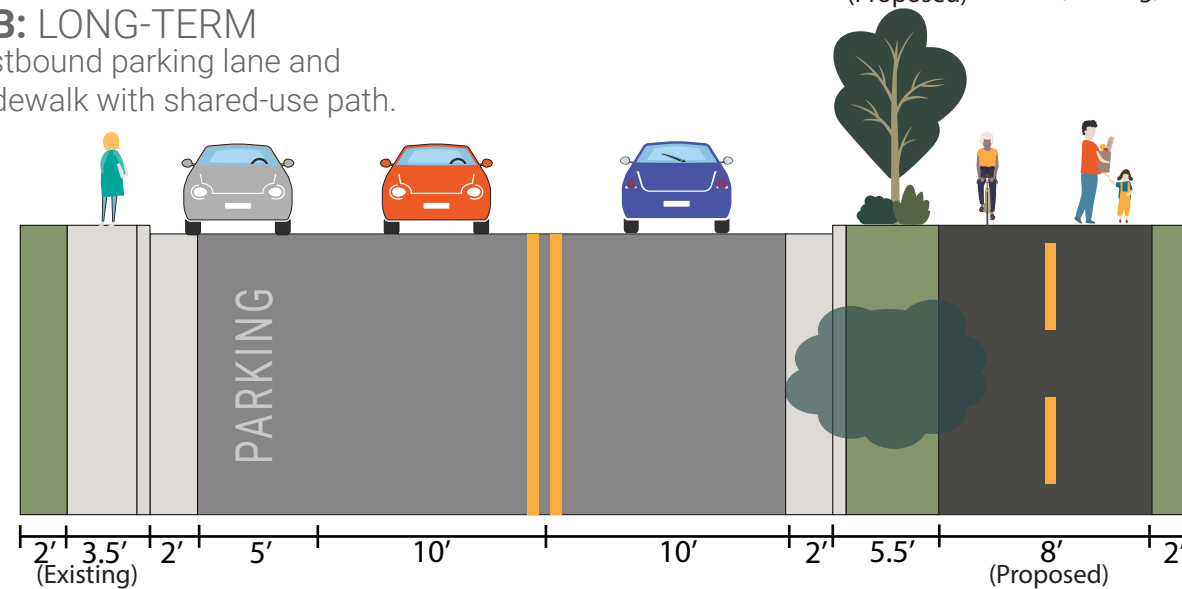
### OPTION B: SHORT-TERM

Replace eastbound parking lane with eastbound bike lane.



### OPTION B: LONG-TERM

Replace eastbound parking lane and southern sidewalk with shared-use path.



 Grey vehicles indicate motor vehicles parked in a designated parking lane.