



# East 161 Street, Grand Concourse

Connections between Macombs Dam Br and Grand Concourse

March 2021



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# Background

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# Project Area

- **Vision Zero Priority Corridors**
- Limited Bike Network
- No bicycle connection to Macombs Dam Br, Gerard Ave, Walton Ave and Grand Concourse
- Growing number of cyclists despite limited bike infrastructure



## E 161 St, Macombs Dam Br to Grand Concourse is a Vision Zero Priority Corridor

### E 161st St, Macombs Dam Br to Grand Concourse *Injury Summary, 2014-2018 (5 years)*

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	30	3	0	3
Bicyclists	13	1	0	1
Motor Vehicle Occupant	187	4	0	4
Total	230	8	0	8
Fatalities, 01/01/2014 – 01/30/2021: None				

Source: Fatalities: NYCDOT, Injuries: NYSDOT. KSI: Persons Killed or Severely Injured

## 21 people have been severely injured along approximately ¾ of a mile

### Grand Concourse, E 165 St to E 161 St *Injury Summary, 2014-2018 (5 years)*

	Total Injuries	Severe Injuries	Fatalities	KSI
Pedestrian	20	4	0	4
Bicyclists	6	0	0	0
Motor Vehicle Occupant	111	9	0	9
Total	137	13	0	13
Fatalities, 01/01/2014 – 01/30/2021: None				

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Proposal

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# Existing Conditions

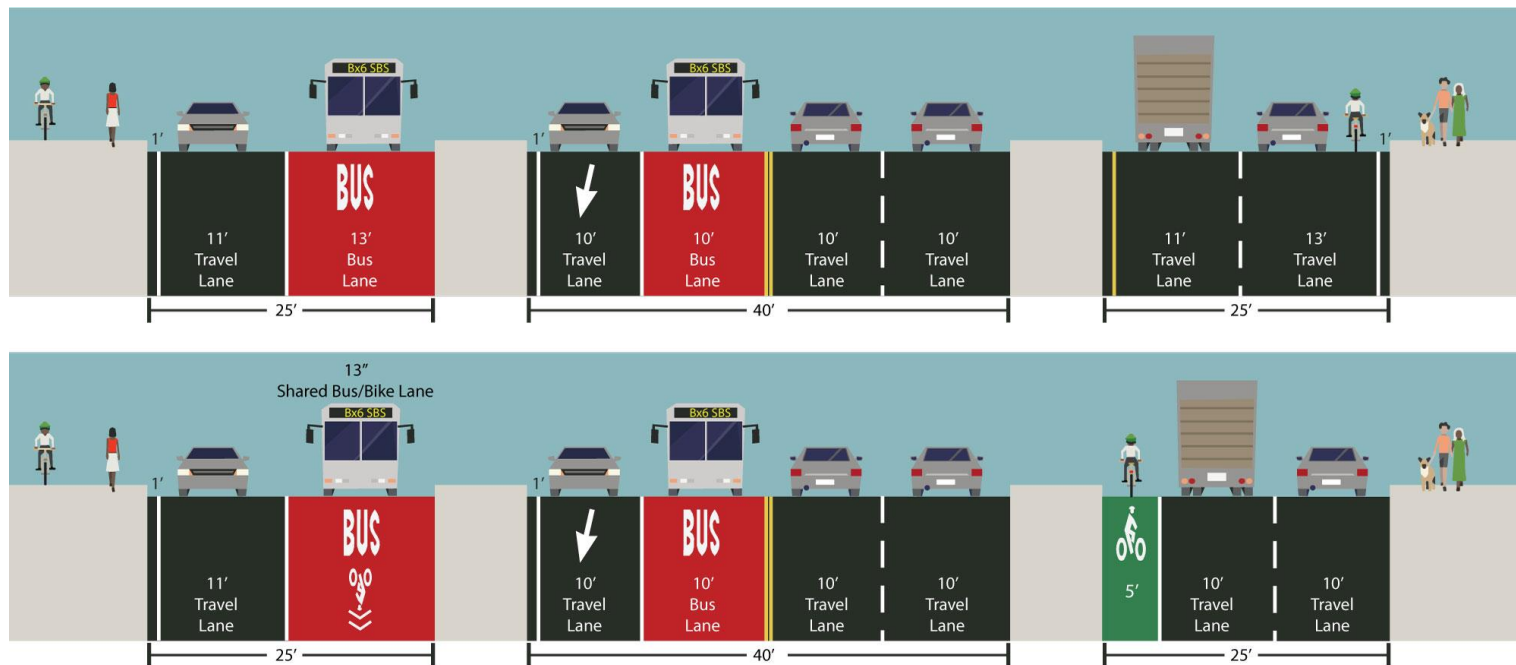
## E 161 St, Macombs Dam Br to Yankee Stadium



- **Vision Zero Priority Corridor**
- No marked bike connection to/from Macombs Dam Br (and Manhattan)
- Limited access to commercial and recreational destinations
- 387 cyclists in a 12-hour period (7am-7pm)

# Proposed Design

## E 161 St, Macombs Dam Br to Yankee Stadium



- Increases predictability of cyclists' location in roadway
- Alerts motorists to the presence of cyclists

# Proposed Design Elements

## E 161 St, Macombs Dam Br to Yankee Stadium



Utica Ave, BK



- Provides **wayfinding** for cyclists traveling to/from Macombs Dam Br

# Existing Conditions

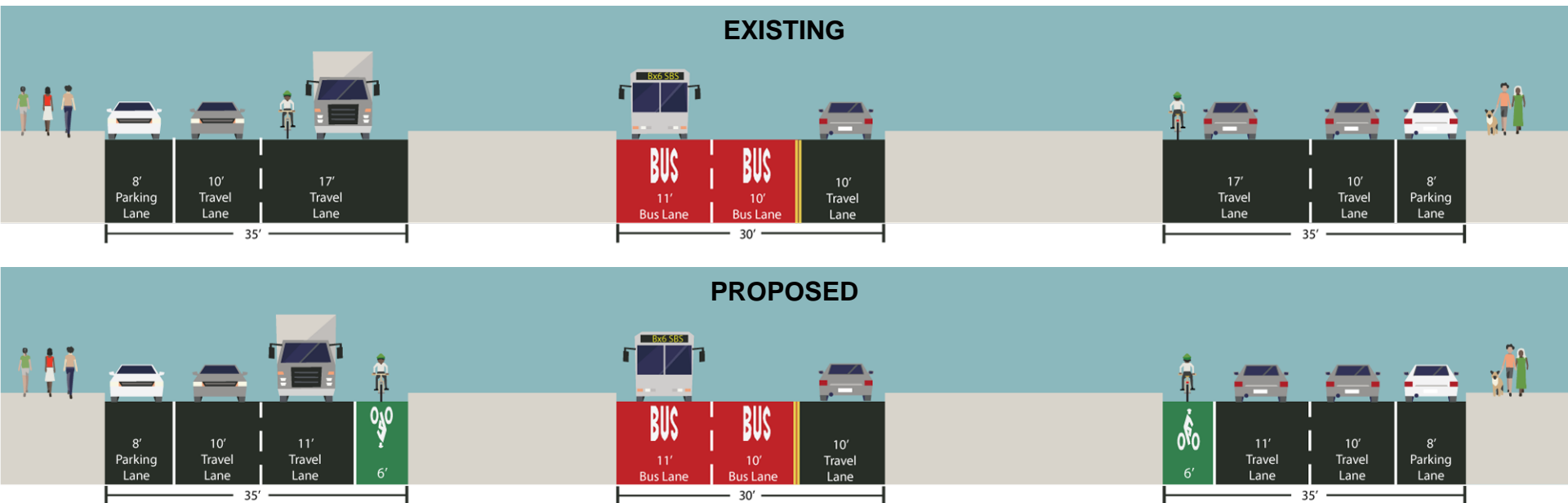
## E 161 St, Yankee Stadium to Grand Concourse



- **Vision Zero Priority Corridor**
- No dedicated space for cyclists in the roadway
- Limited access to commercial and recreational destinations
- Wide travel lanes encourage speeding and other unsafe behavior

# Proposed Design

## E 161 St, Yankee Stadium to Grand Concourse



- Provides dedicated space for cyclists that is separated from moving vehicles
- No vehicular conflicts due to existing turn restrictions
- Standard width travel lanes organizes the roadway; discourage speeding
- No parking loss; no impact on number of travel lanes

# Proposed Design Elements

## E 161 St, Yankee Stadium to Grand Concourse

- Establishes **bike connection between MN and BX** through Macombs Dam Br
- Connection to bike facilities on Grand Concourse
- Provides safer, convenient, bike access to commercial and recreational destinations



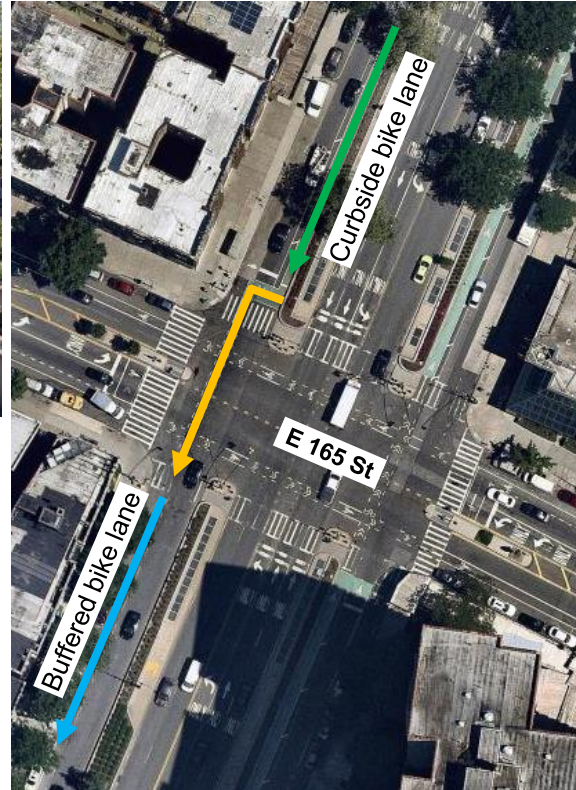
*Grand Concourse, BX*

# Existing Conditions

## Grand Concourse, E 165 St to E 161 St



*Grand Concourse at E 162 St, facing north*



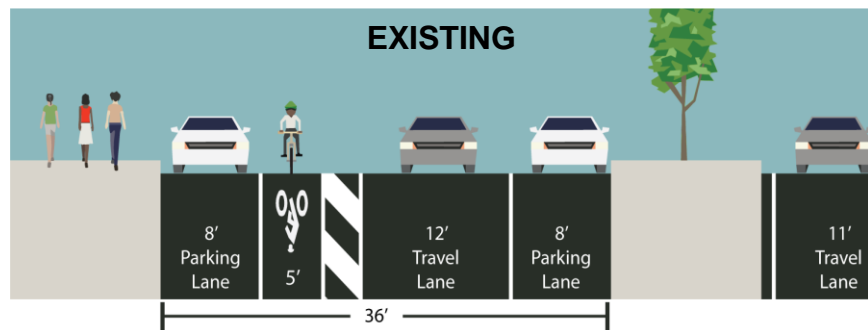
*Grand Concourse at E 165 St*

- **Vision Zero Priority Corridor**
- Southbound cyclists are forced to change sides of the street after E 165 St
- Requests to upgrade Grand Concourse bike lanes to protected bike lanes

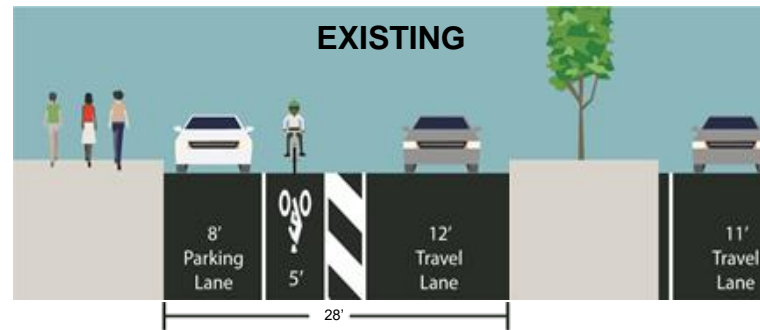
# Proposed Design

## Southbound Grand Concourse, E 165 St to E 161 St

Grand Concourse: 161 St to 162 St, 163 St and 164 St



162 St to 163 St, 164 St and 165 St



- Upgrade conventional bike lane to protected bike lane where there is room
- Keep bike lane consistently on east side of southbound service road
- Improve bike connection to E 161 St and Macombs Dam Br
- Requires repurposing 5 parking spaces to improve visibility at intersections

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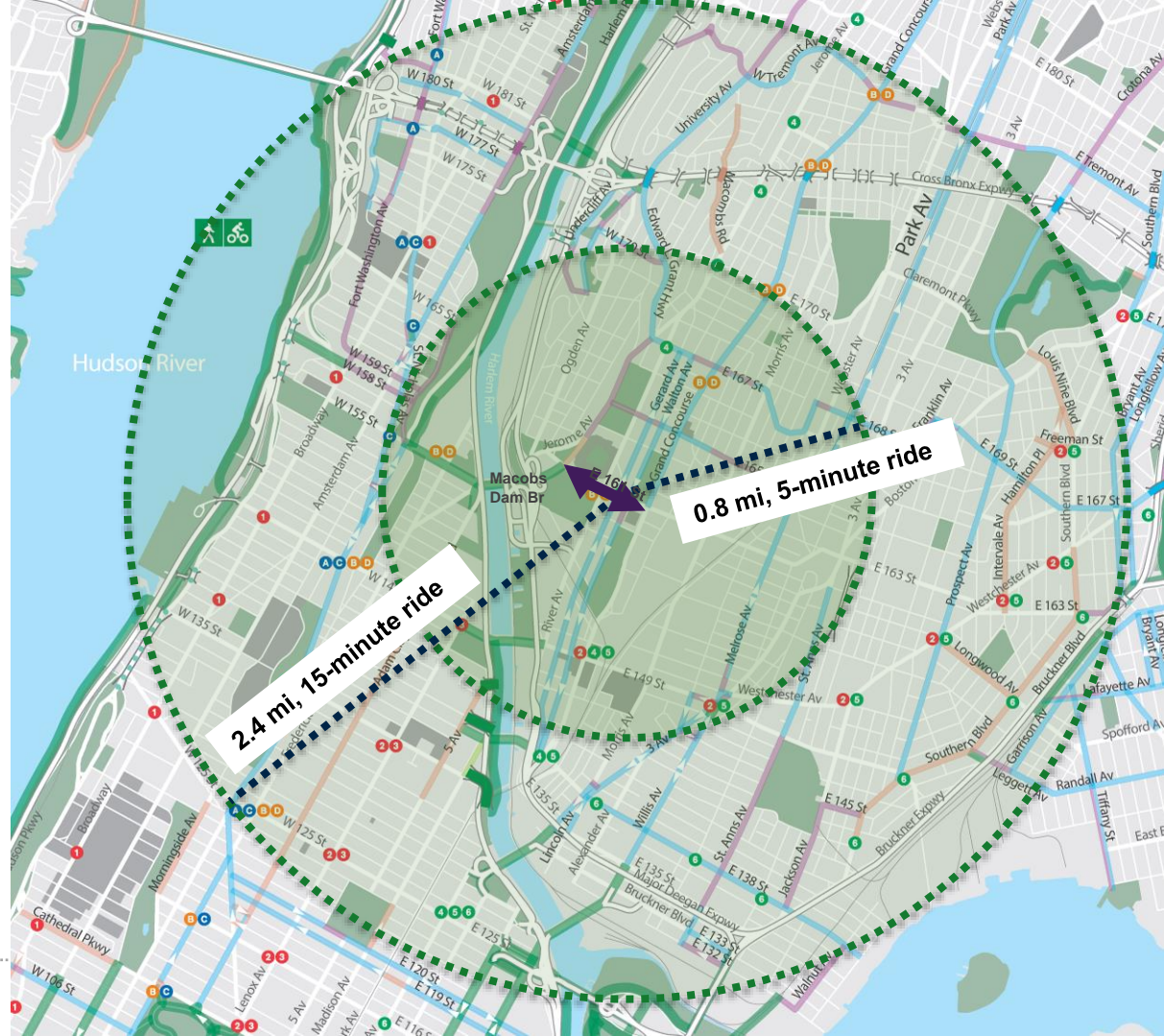
## Summary

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# Proposed

## Summary of Benefits

- Improve bridge access
- Improve access to existing bike facilities
- Improve bike access to commercial and commercial destinations
- Build on previous Vision Zero safety improvements



# Thank You!

## Questions?



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