

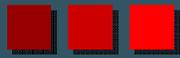
Existing Transportation Conditions



CITY OF BOSTON

Rutherford Avenue/Sullivan Square Design Project
Tetra Tech Rizzo The Cecil Group Brown, Richardson & Rowe

Existing Intersection Traffic Operations AM Peak Hour



LEGEND

- LOS A-C
- LOS D
- LOS E,F
- Vehicle Queue



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Existing Intersection Traffic Operations AM Peak Hour

LEGEND

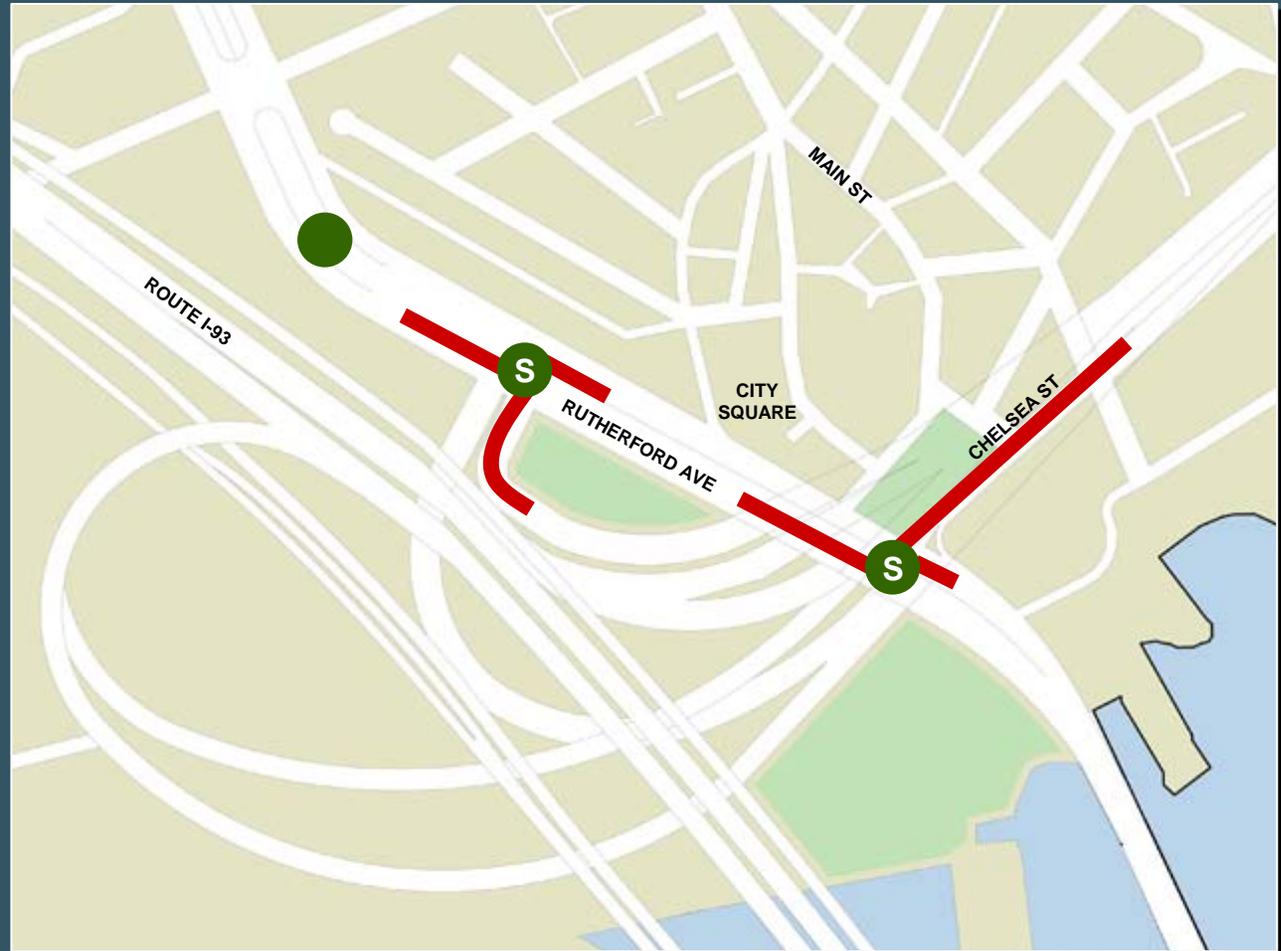
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Existing Intersection Traffic Operations AM Peak Hour

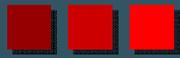


LEGEND

- LOS A-C
- LOS D
- LOS E,F
- Vehicle Queue



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Existing Intersection Traffic Operations PM Peak Hour



LEGEND

- LOS A-C
- LOS D
- LOS E,F
- Vehicle Queue



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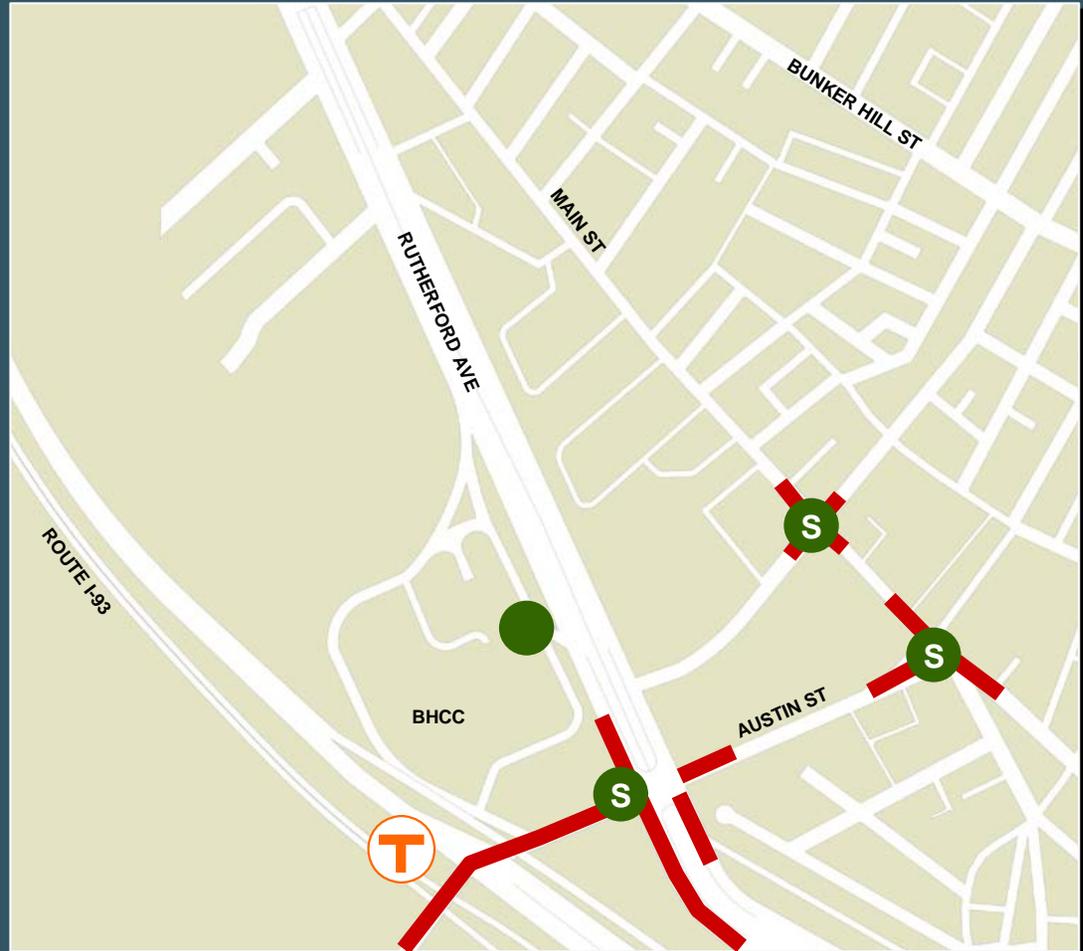
Rutherford Avenue/Sullivan Square Design Project
Tetra Tech Rizzo The Cecil Group Brown, Richardson & Rowe



Existing Intersection Traffic Operations PM Peak Hour

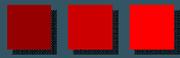
LEGEND

-  LOS A-C
-  LOS D
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-  Vehicle Queue

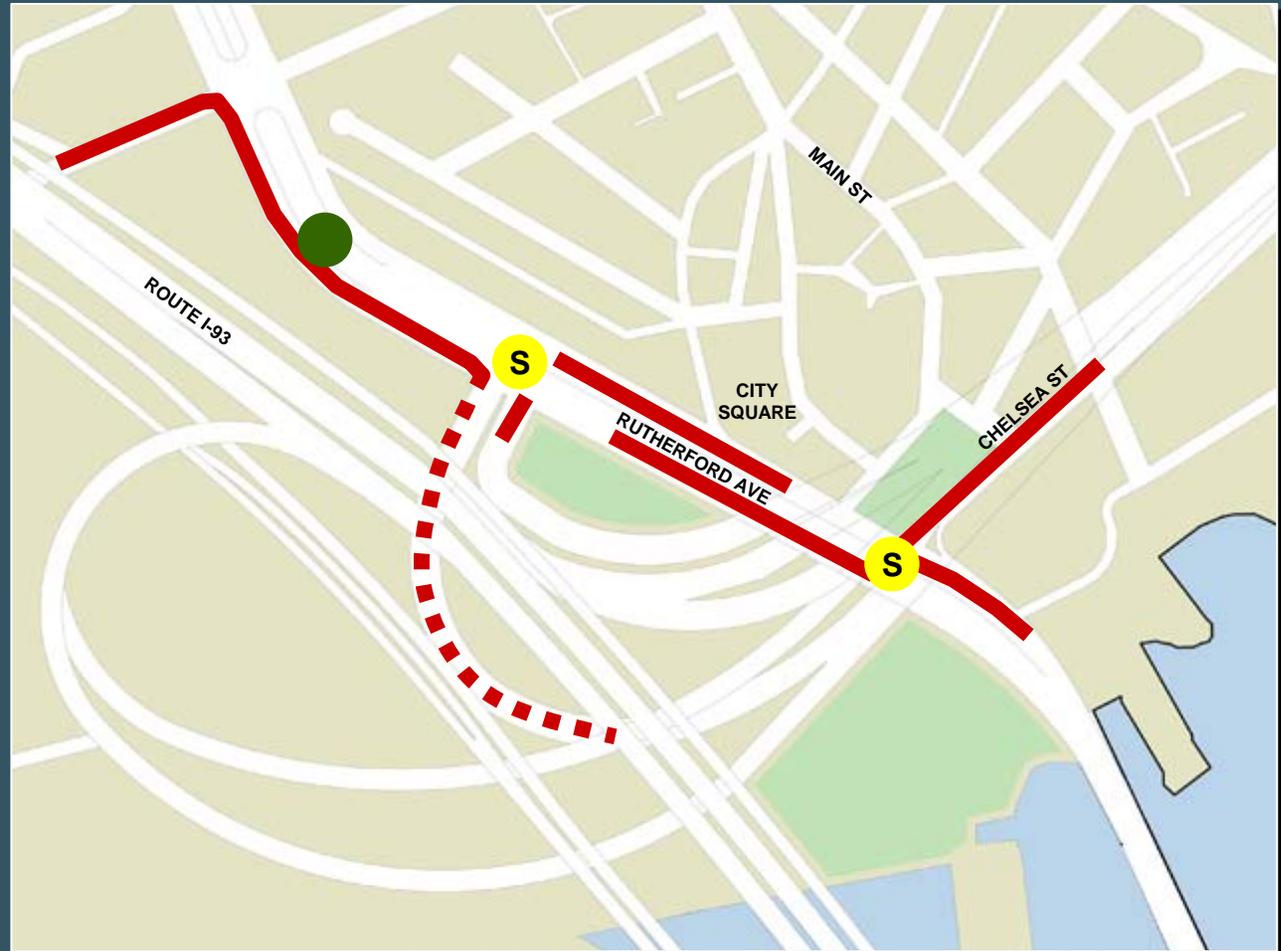


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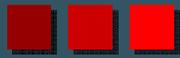


LEGEND

-  LOS A-C
-  LOS D
-  LOS E,F
-  Vehicle Queue



CITY OF BOSTON



Existing Roadway Operations - Rutherford Ave. AM (PM) Peak Hour

LEGEND

 LOS A-C

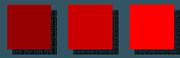
 LOS D

 LOS E,F

 Percent of capacity



CITY OF BOSTON



Existing Roadway Operations - Rutherford Ave. AM (PM) Peak Hour

LEGEND

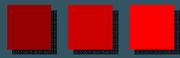
 LOS A-C

 LOS D

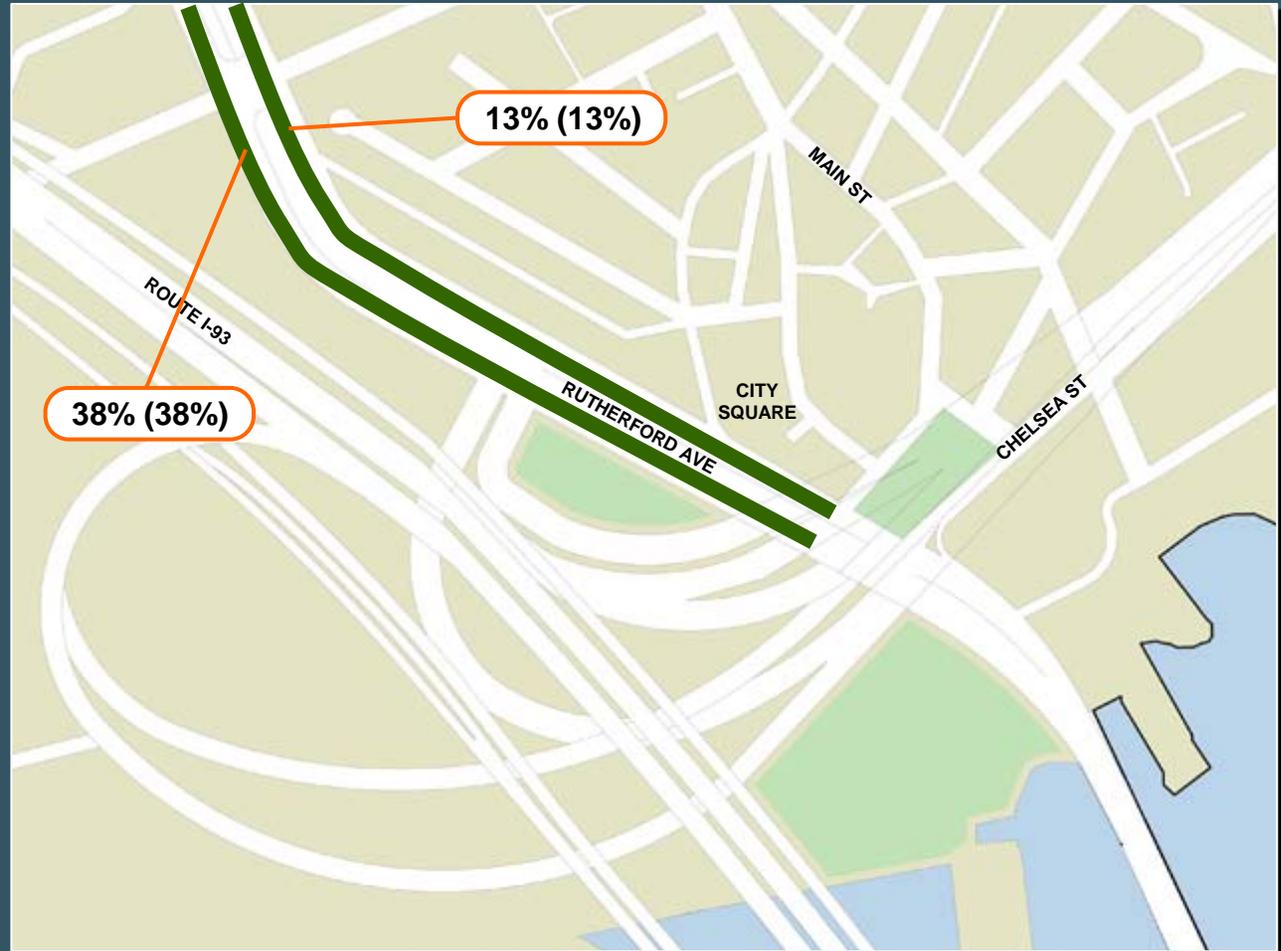
 LOS E,F

 Percent of capacity





Existing Roadway Operations - Rutherford Ave. AM (PM) Peak Hour



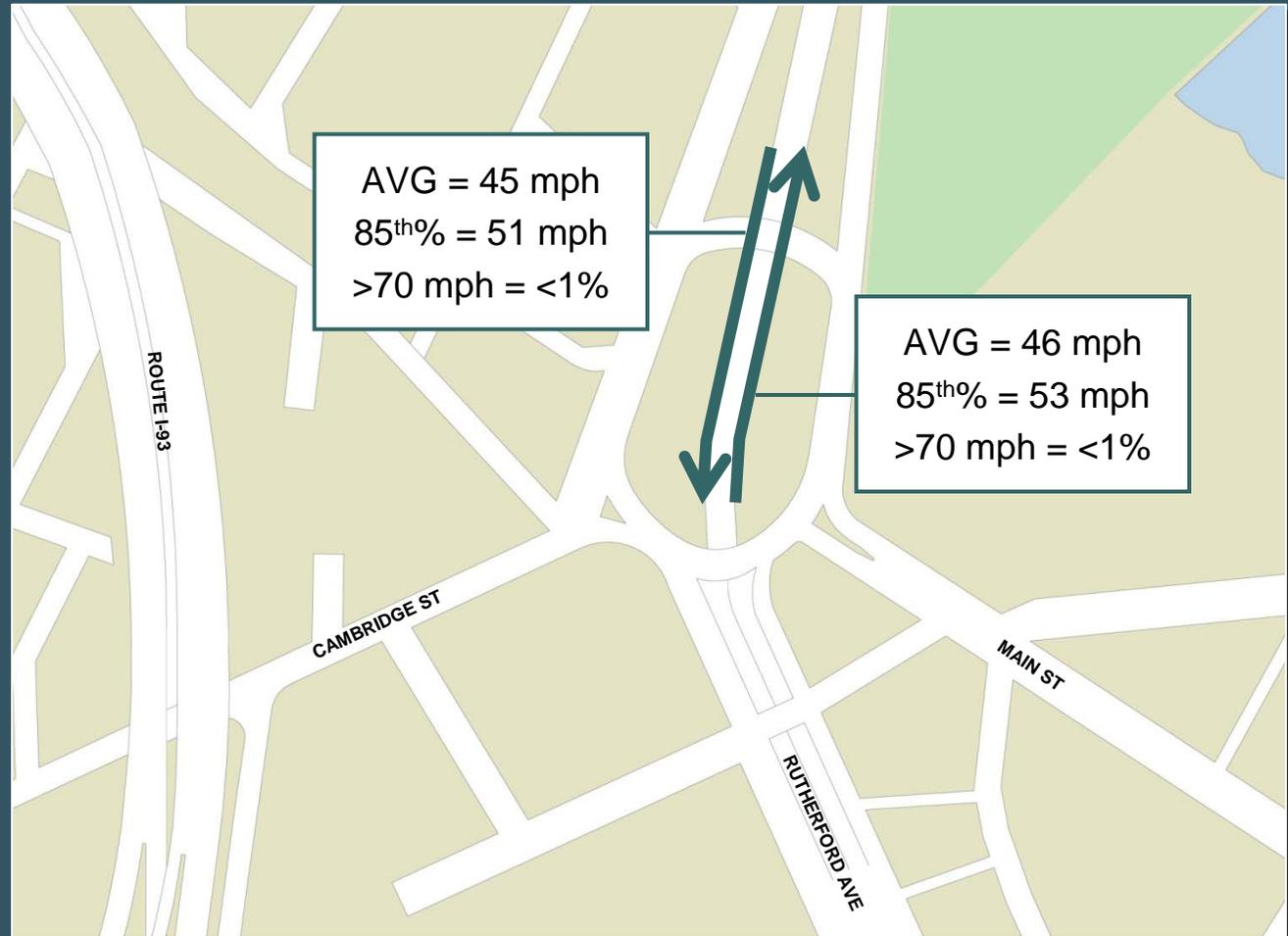
LEGEND

- LOS A-C
- LOS D
- LOS E,F
- % Percent of capacity





Vehicle Speeds in Sullivan Square Underpass



Vehicle Safety and Crash History

LEGEND

- <5 Crashes per year
- 5-10 crashes per year
- >10 crashes per year
- At or above MHD Statewide Crash Rate



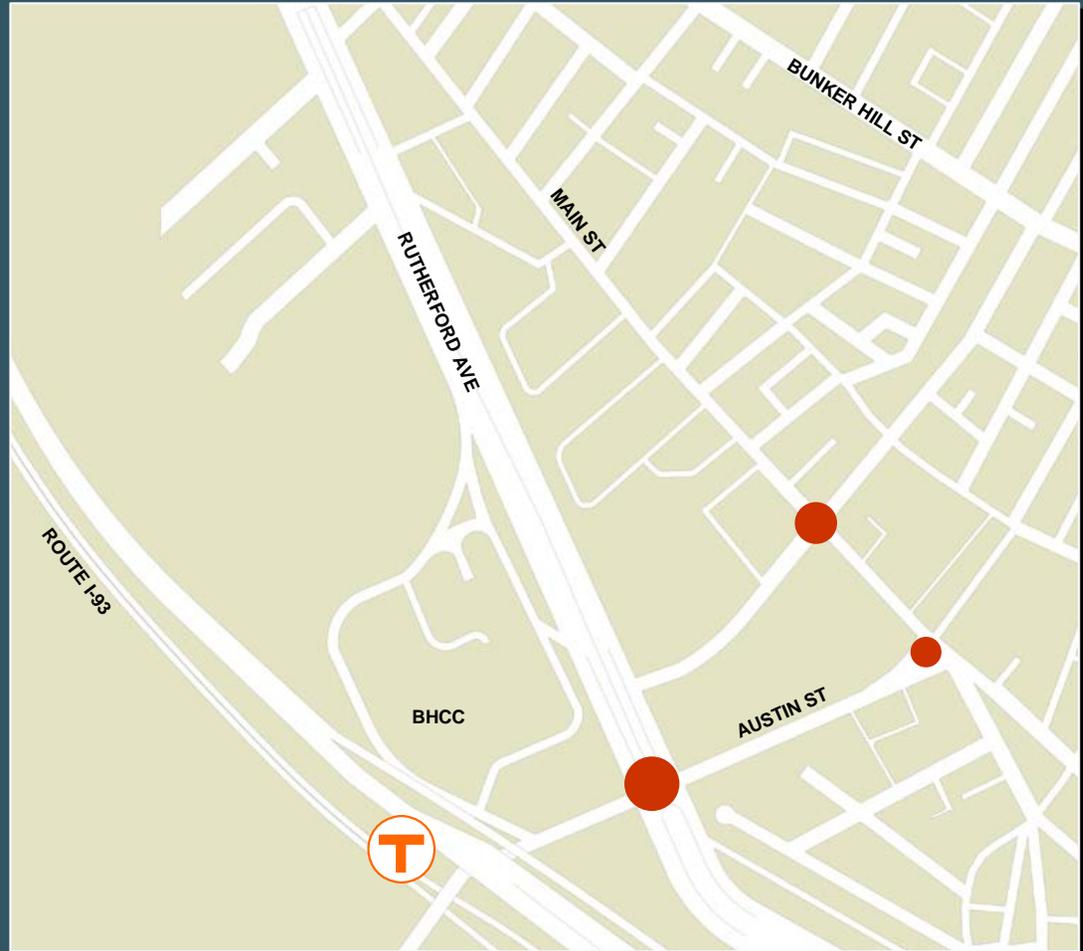
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■ ■ ■ | Vehicle Safety and Crash History

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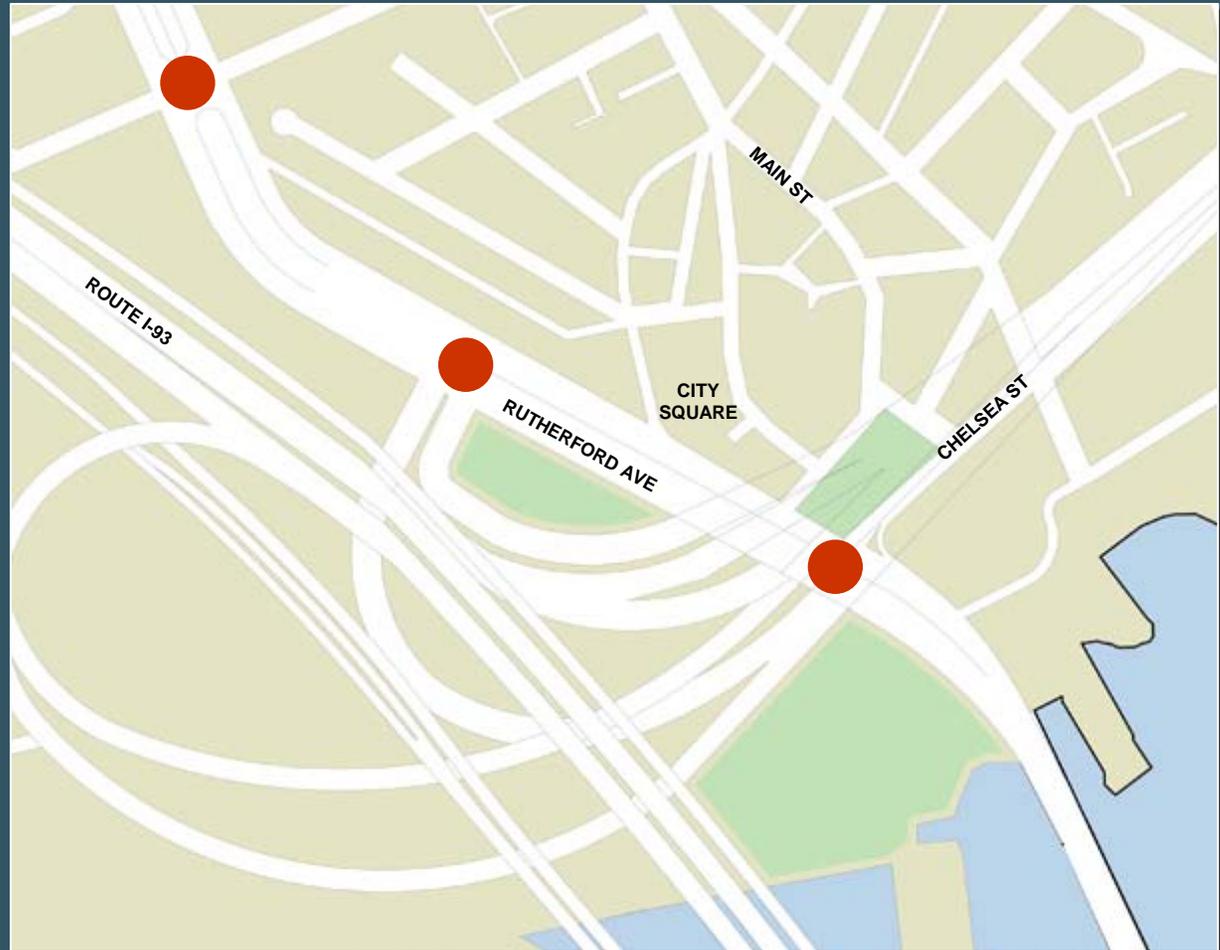
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Vehicle Safety and Crash History

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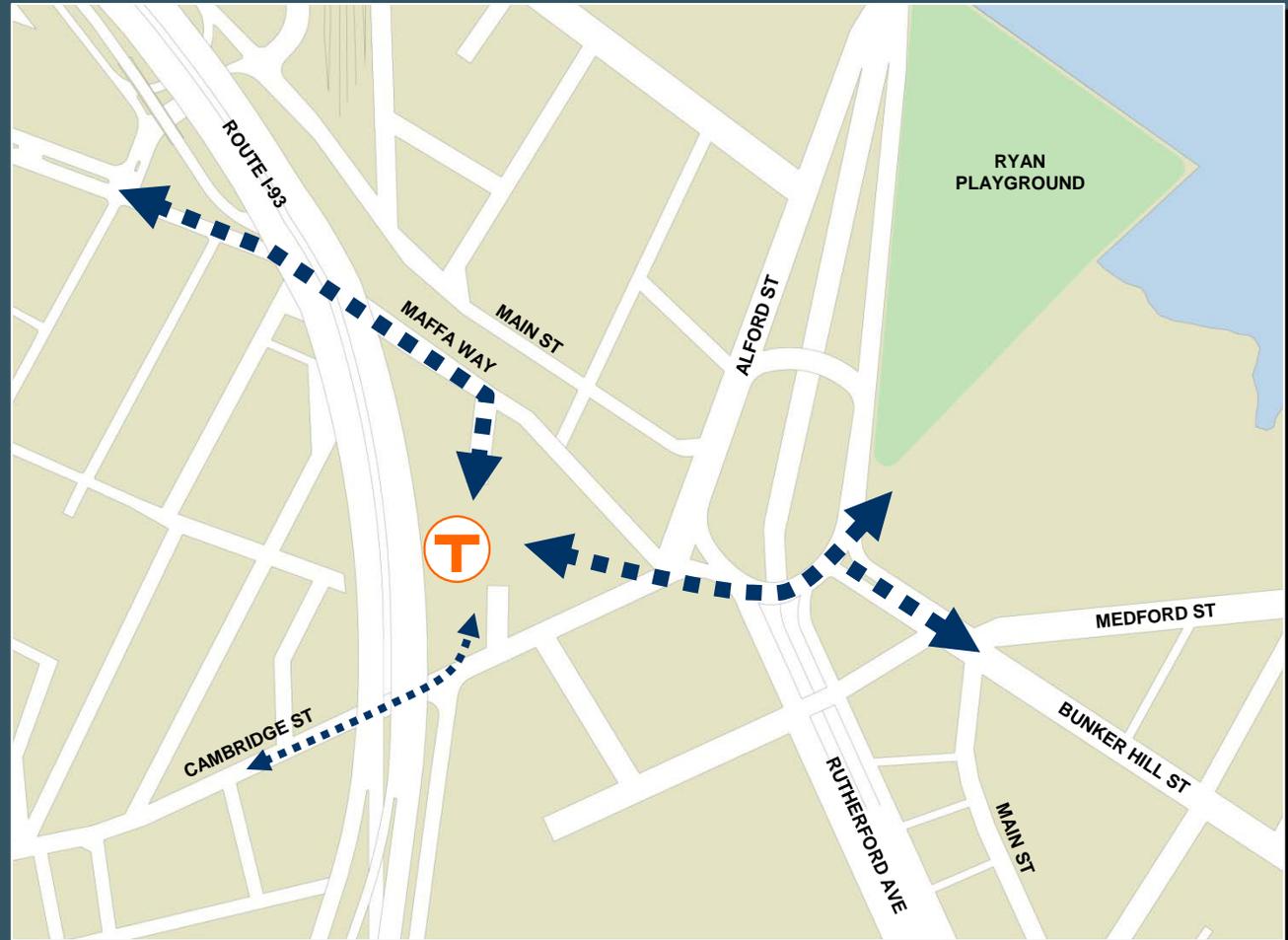


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Existing Pedestrian Patterns



LEGEND

- ■ Pedestrian Activity

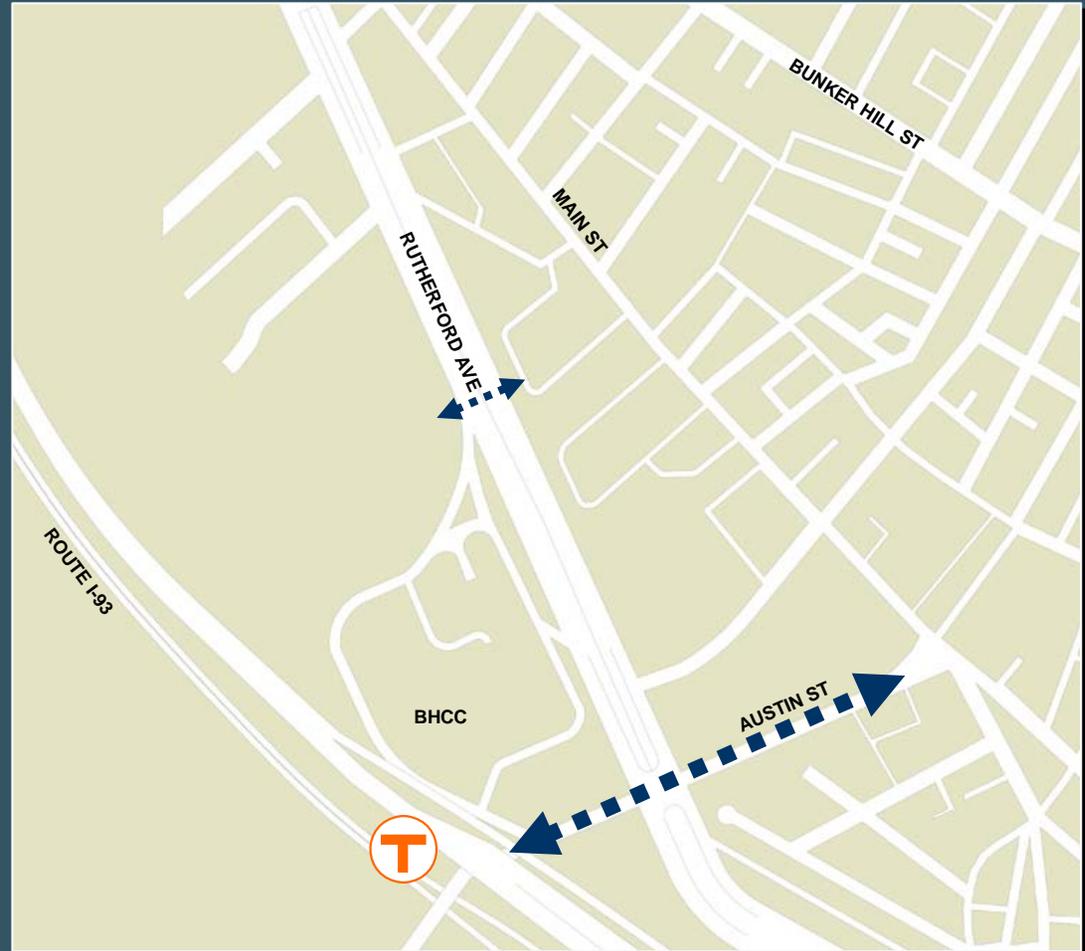


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Existing Pedestrian Patterns



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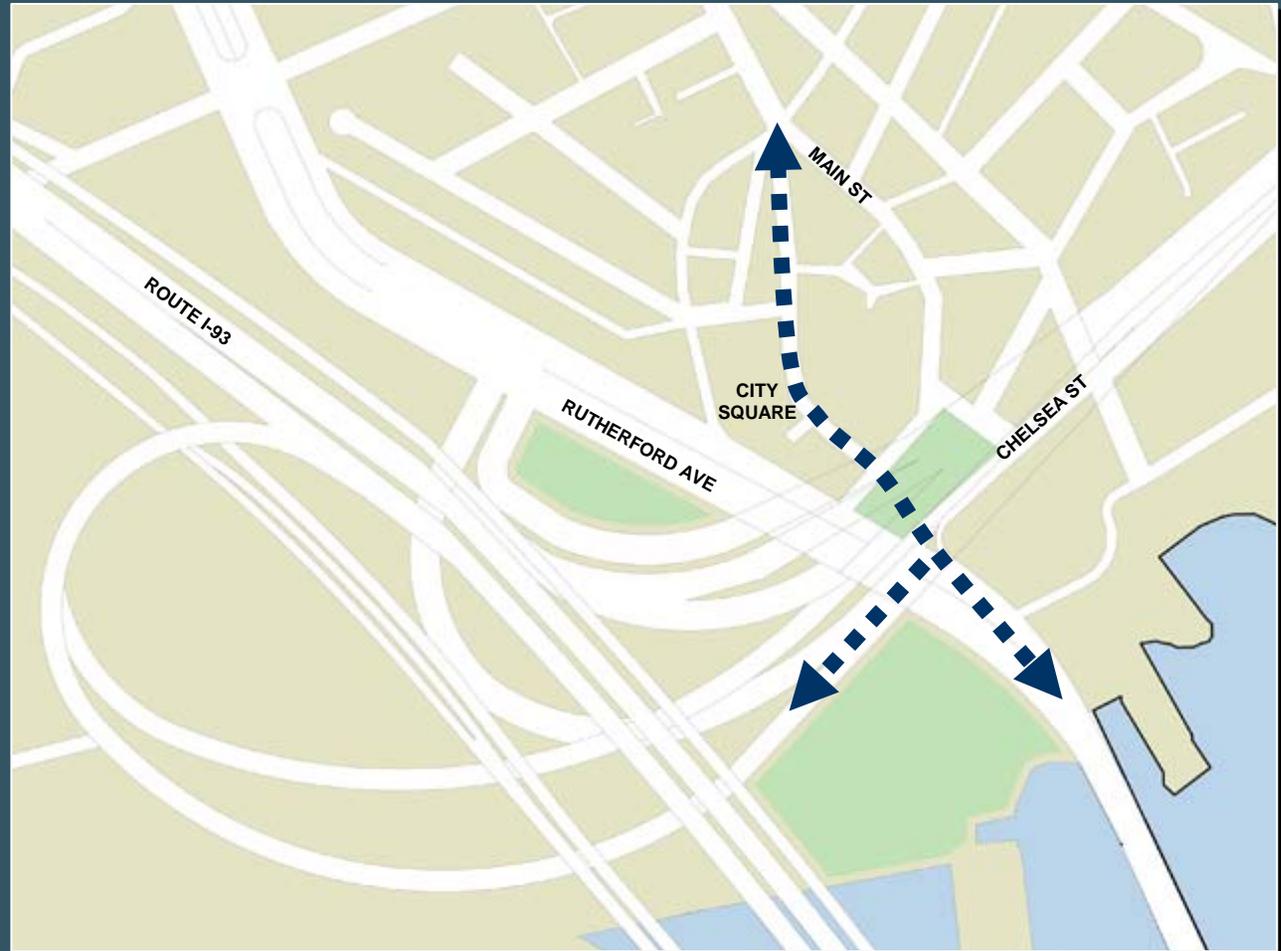


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Existing Pedestrian Patterns



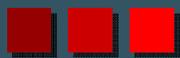
LEGEND

- ■ Pedestrian Activity

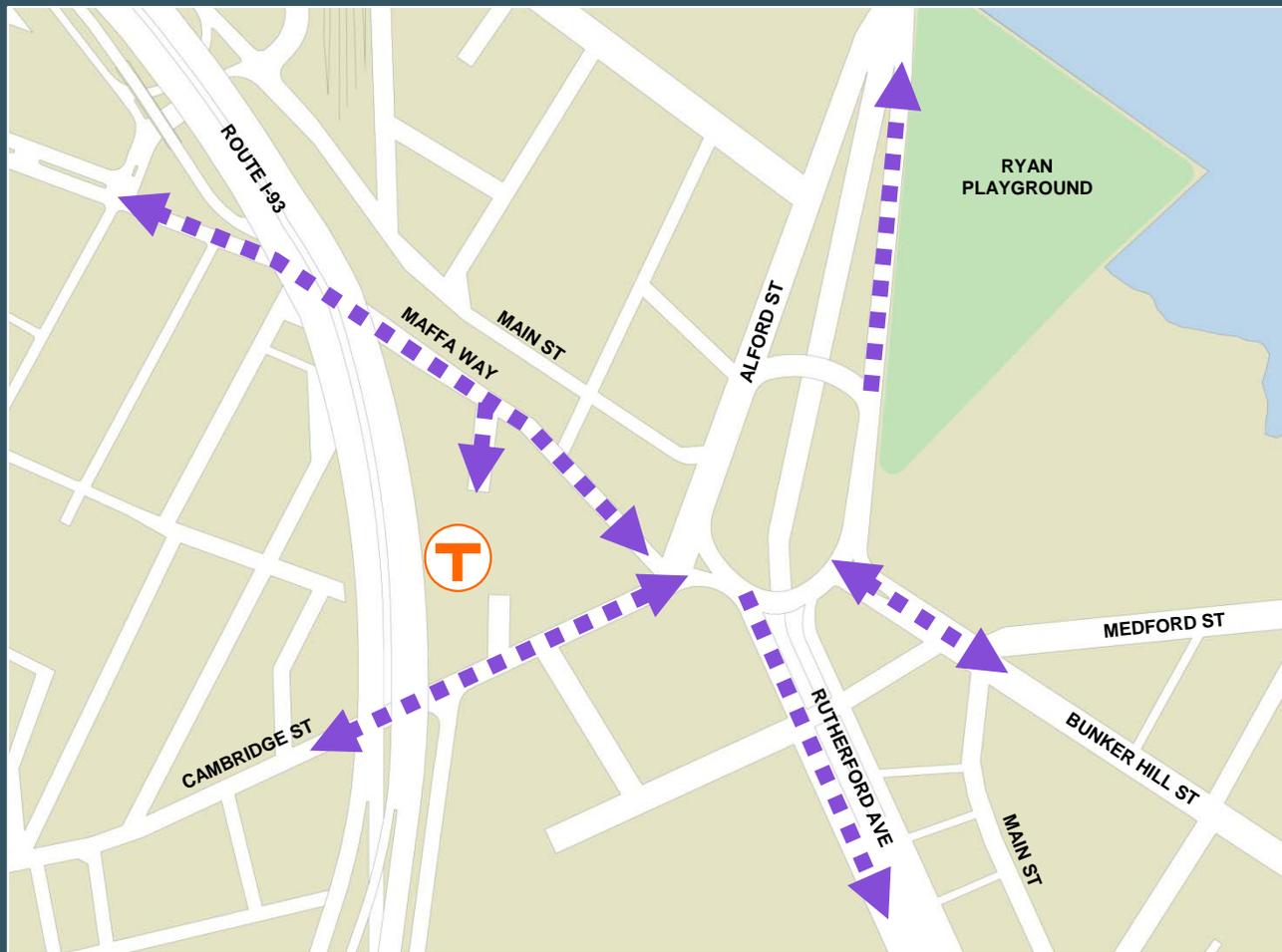


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Rutherford Avenue/Sullivan Square Design Project
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Existing Bicycles Patterns



LEGEND

- ■ ■ Predominant Bicycle Use

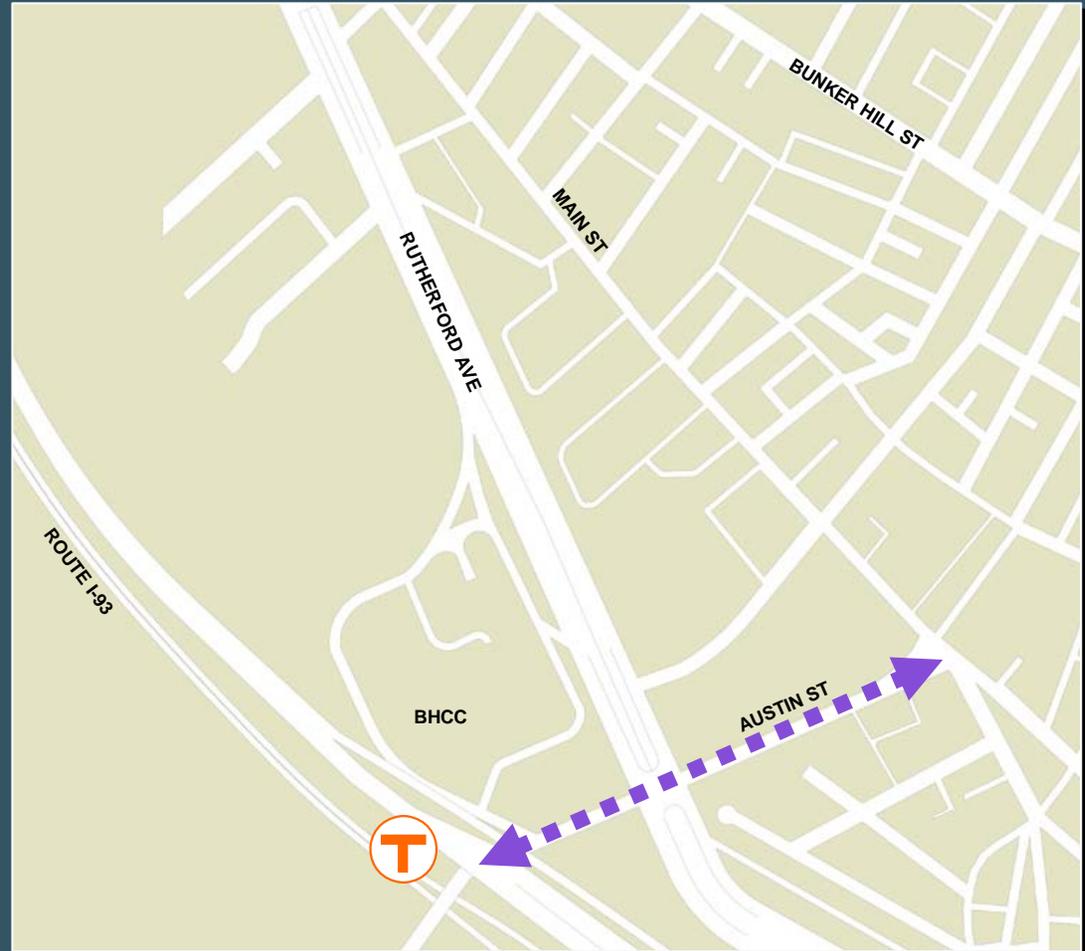


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Rutherford Avenue/Sullivan Square Design Project
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Existing Bicycles Patterns



LEGEND

- ■ ■ Predominant Bicycle Use

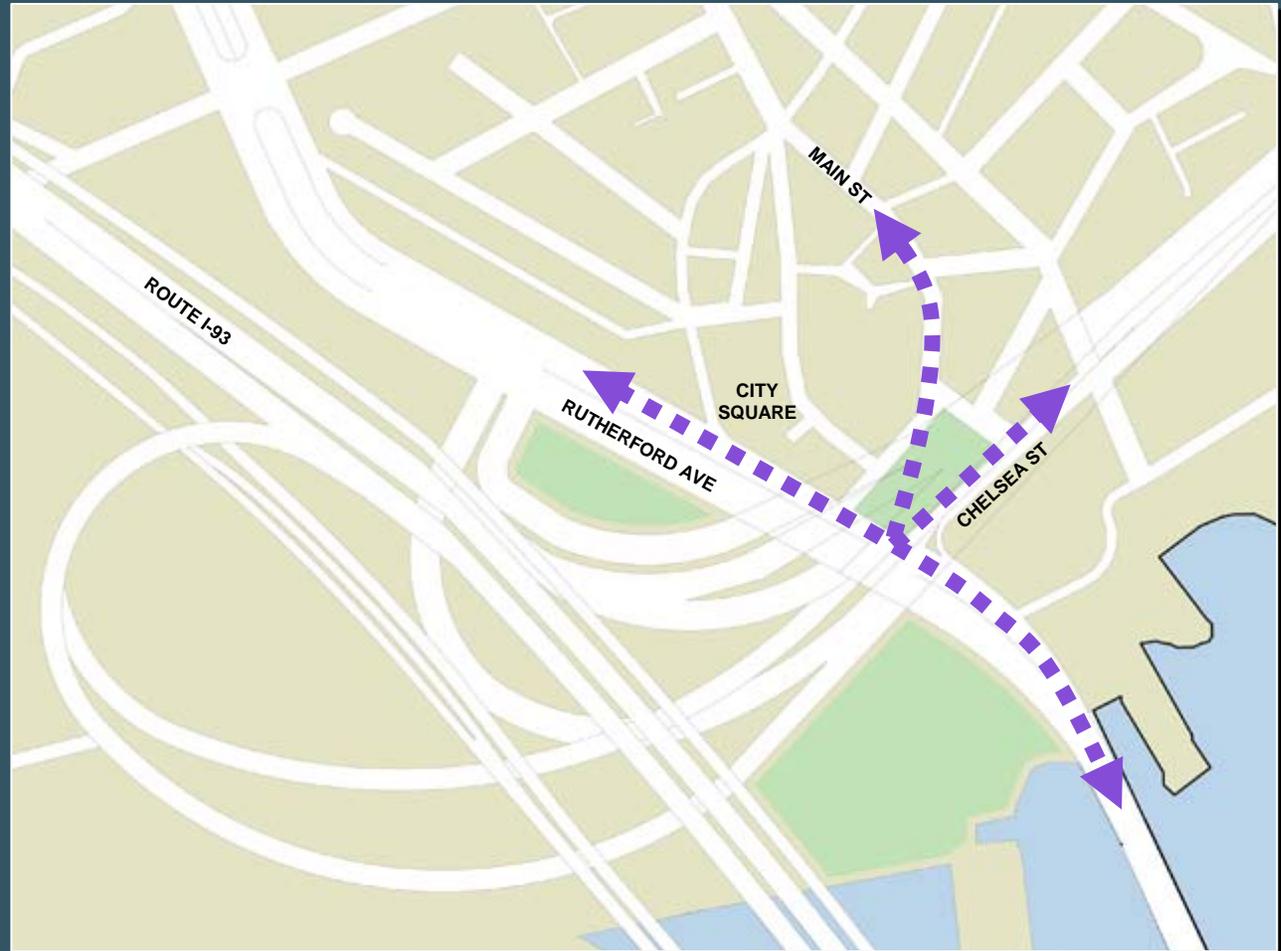


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Rutherford Avenue/Sullivan Square Design Project
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Existing Bicycles Patterns

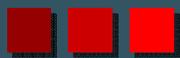


LEGEND

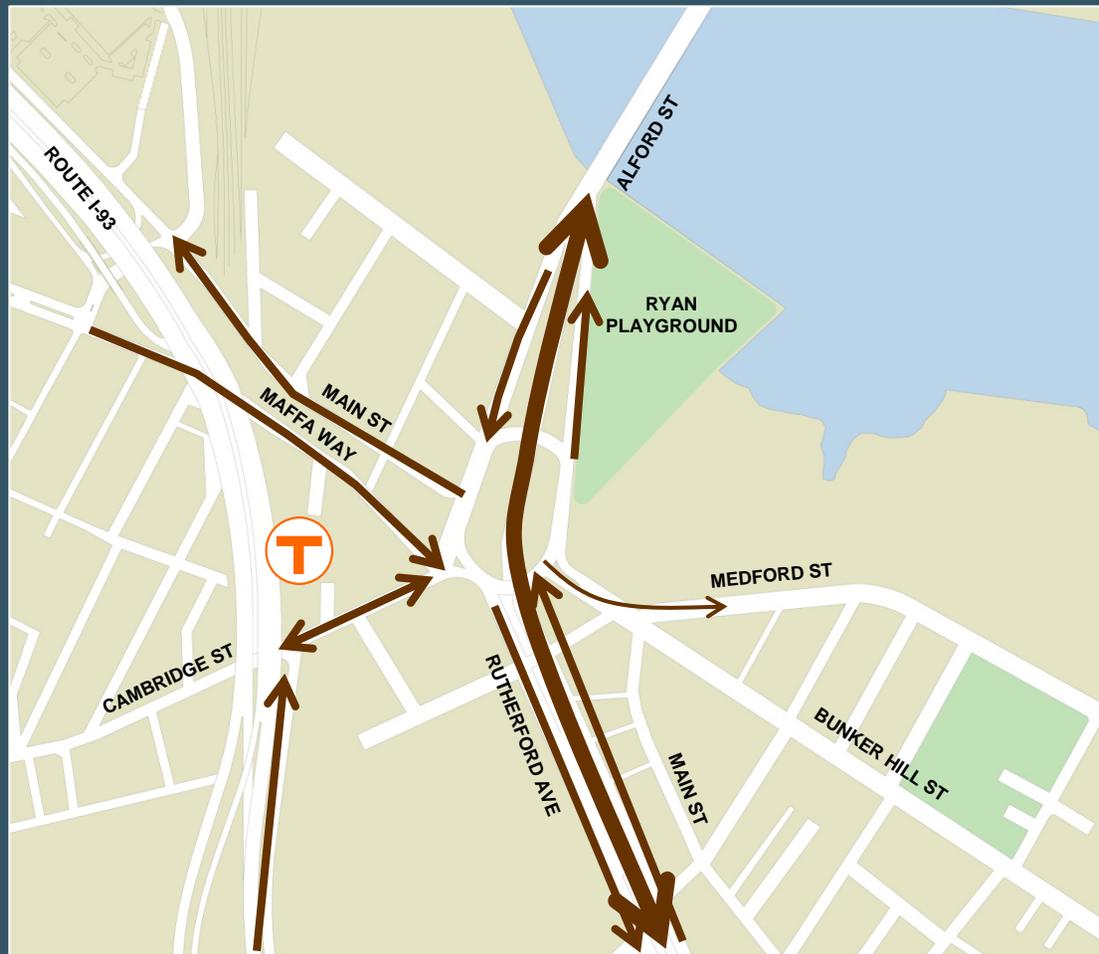
- ■ Predominant Bicycle Use



CITY OF BOSTON



Existing Truck Patterns



LEGEND

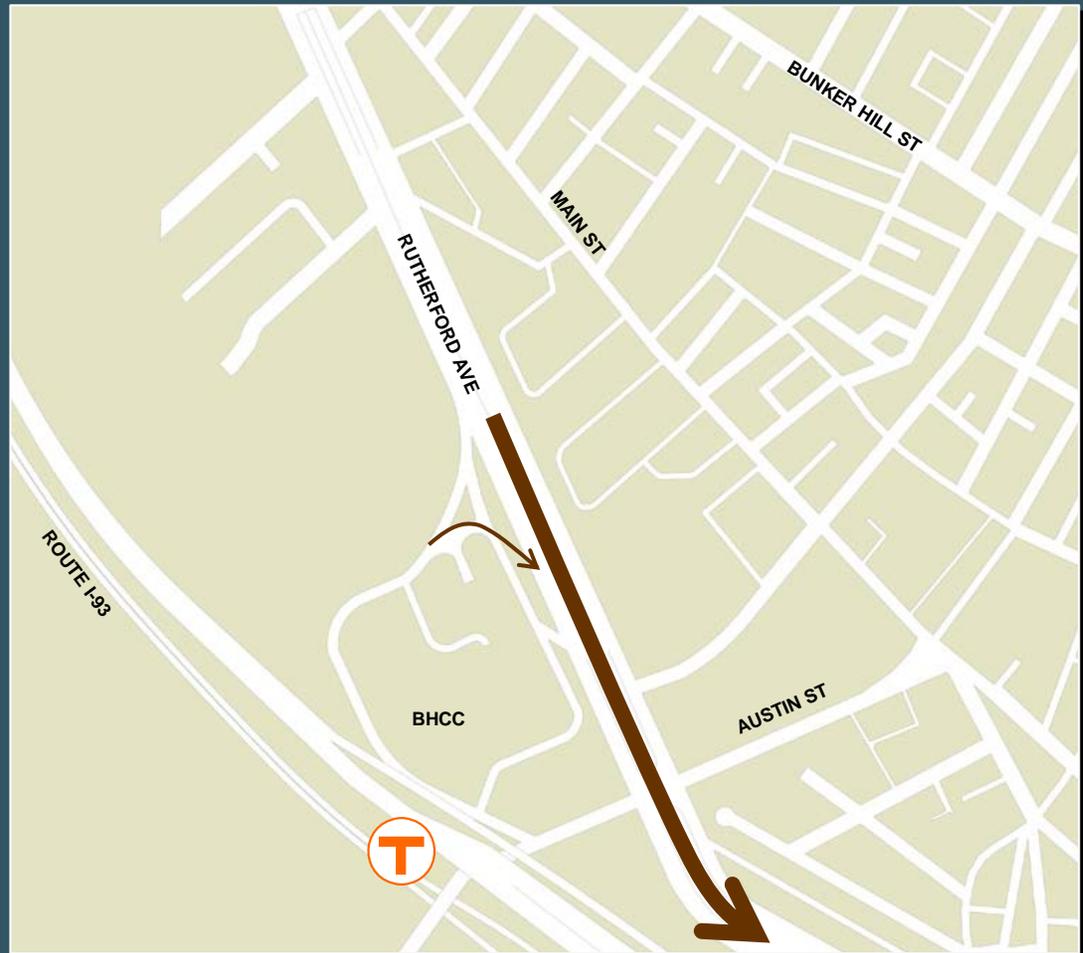
— Truck Patterns



CITY OF BOSTON

Rutherford Avenue/Sullivan Square Design Project
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Existing Truck Patterns



LEGEND

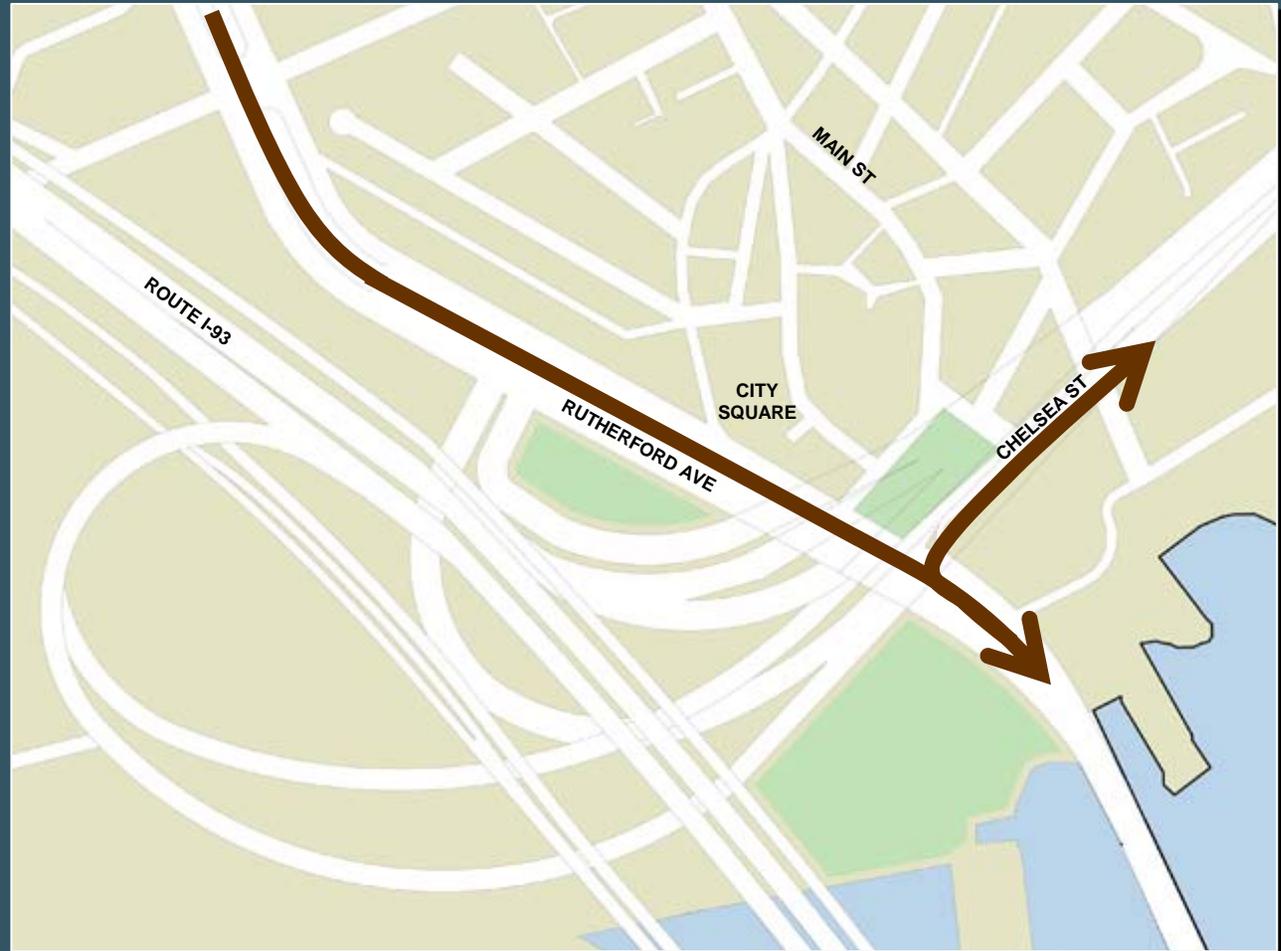
— Truck Patterns



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Existing Truck Patterns



LEGEND

— Truck Patterns



CITY OF BOSTON



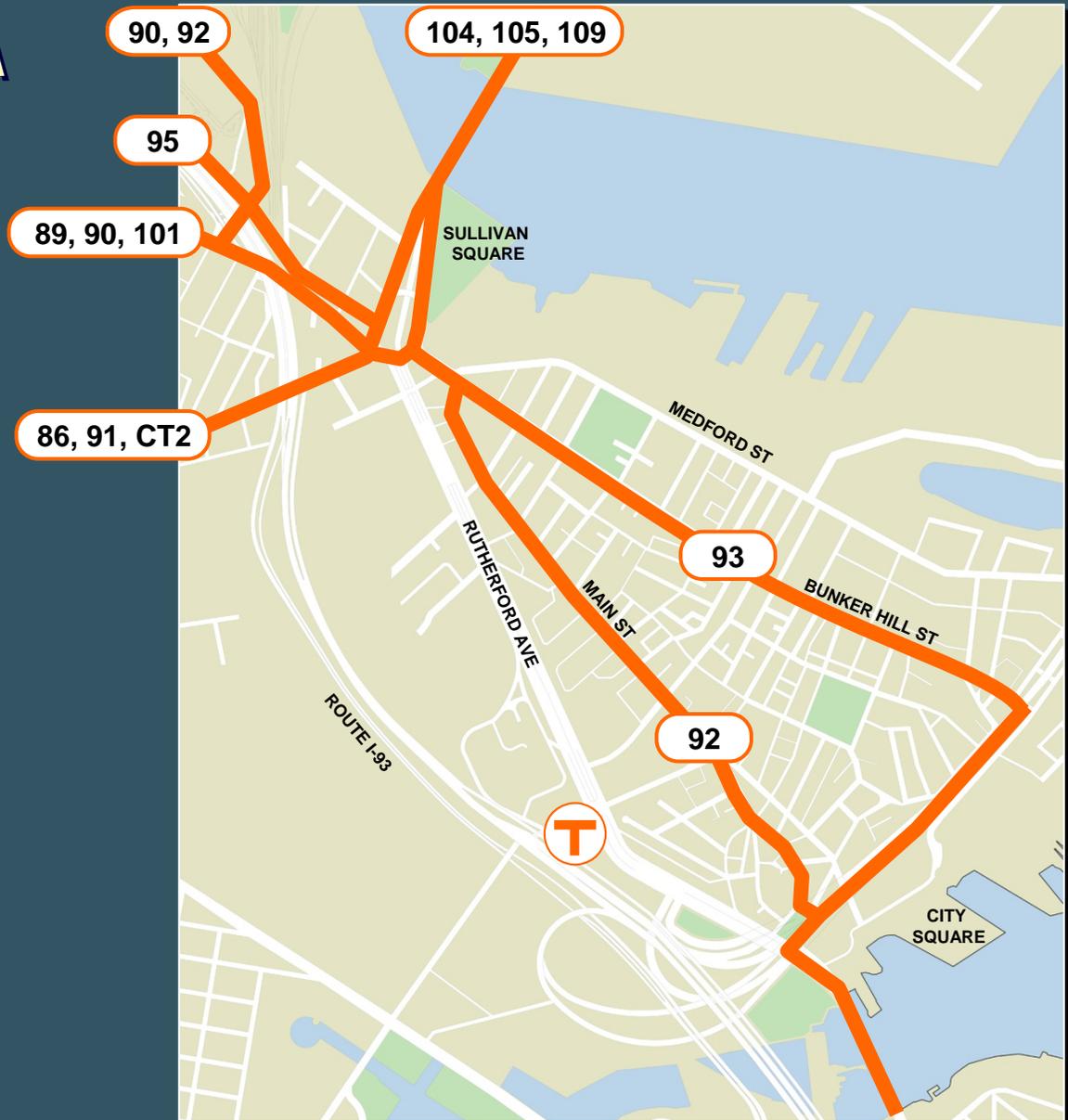
Existing MBTA Bus Routes

Daily Bus Ridership

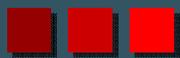
# 89	3,650
# 91	1,970
# 92	1,500
# 93	4,650
# 95	1,700
#101	4,200
#104	3,300
#109	2,700
CT2	1,200

LEGEND

 MBTA Bus Routes



CITY OF BOSTON



Existing MBTA Bus Routes



LEGEND

— MBTA Bus Routes



CITY OF BOSTON



Transportation Summary

- 2008 traffic volumes are lower than volumes in 1999 and 2005
- There is excess capacity along Rutherford Avenue
- Traffic operations at Austin St. and City Square are generally good – pedestrian crossings are a challenge
- Sullivan Square Station is an important transit node

