

APPENDIX A
Pedestrian Report Card Assessment

Pedestrian Report Card Assessment (PRCA): Roadway Segment



Roadway Segment Location

Route 16 – Chelsea and Everett, MA

Grading Categories	Score	Rating
Safety	1.0	Poor
System Preservation	N/A	Poor
Capacity Management and Mobility	1.5	Poor
Economic Vitality	1.5	Poor

Transportation Equity	
High Priority Area	✓
Moderate Priority Area	
Not a Priority Area	

Central Transportation Planning Staff (CTPS) to the Boston Region MPO:
www.ctps.org | 857.702.3700 | ctps@ctps.org

Ryan Hicks, Congestion Management Process Manager:
www.ctps.org/cmp | 857.702.3661 | rhicks@ctps.org

Casey Claude, Bicycle and Pedestrian Program Manager:
www.ctps.org/livability | 857.702.3707 | cclaude@ctps.org

Category Ratings
 Good: Score of 2.3 or more (maximum 3.0)
 Fair: Score is between 1.7 and 2.3
 Poor: Score is 1.7 or less (minimum 0)

Grading Categories: Scoring Breakdown Roadway Segment

Capacity Management and Mobility			
Performance Measure	Weight	Rating	Weighted Score
Sidewalk Presence	3	Fair	6
Crossing Opportunities	2	Poor	2
Walkway Width	1	Poor	1
Total	6		9

Economic Vitality			
Performance Measure	Weight	Rating	Weighted Score
Pedestrian Volumes	1	Fair	2
Adjacent Bicycle Accommodations	1	Poor	1
Total	2		3

Category rating = total rating/total weight
 Rating Score:
 Good = 3
 Fair = 2
 Poor = 1

Safety			
Performance Measure	Weight	Rating	Weighted Score
Pedestrian Crashes	3	Poor	3
Pedestrian-Vehicle Buffer	1	Poor	1
Vehicle Travel Speed	1	Poor	1
Total	5		5

System Preservation	
Performance Measure	Rating
Sidewalk Condition	Poor

Transportation Equity Priority	
Area Condition	Yes/No
Environmental Justice zone?	✓
School or college within one-quarter mile?	✓
More than 8.9% of population older than 75 years?	✓
More than 27.5% of households do not own a vehicle?	✓

Category Ratings
 Good: Score of 2.3 or more (maximum 3.0)
 Fair: Score is between 1.7 and 2.3
 Poor: Score is 1.7 or less (minimum 0)

Detailed Performance Measure Information: Roadway Segment

Goal	Performance Measure	Features of Analyzed Locations
Mobility	Sidewalk Presence	Sidewalks are present on two side of the street
	Crossing Opportunities	8 crosswalks in 1.5 miles = 5.3 crosswalks per mile
	Walkway Width	4 foot sidewalks
Economic Vitality	Pedestrian Volumes	Estimated 5 to 60 pedestrians
Safety	Adjacent Bicycle Accommodations	No bicycle infrastructure, shoulders only 1-2 feet wide
	Pedestrian Crashes	HSIP cluster
	Pedestrian-Vehicle Buffer	Less than feet
	Vehicle Travel Speed	> 35 MPH
System Preservation	Sidewalk Condition	Poor

Pedestrian Report Card Assessment (PRCA): Roadway Segment



Roadway Segment Location

Route 20 – Weston, MA

Grading Categories	Score	Rating
Safety	2.6	Good
System Preservation	N/A	Fair
Capacity Management and Mobility	1.6	Poor
Economic Vitality	2.0	Fair

Transportation Equity

High Priority Area	✓
Moderate Priority Area	
Not a Priority Area	

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Category Ratings

Good: Score of 2.3 or more (maximum 3.0)

Fair: Score is between 1.7 and 2.3

Poor: Score is 1.7 or less (minimum 0)

Grading Categories: Scoring Breakdown Roadway Segment

Capacity Management and Mobility			
Performance Measure	Weight	Rating	Weighted Score
Sidewalk Presence	3	Fair	6
Crossing Opportunities	2	Poor	2
Walkway Width	1	Fair	2
Total	6		10

Economic Vitality			
Performance Measure	Weight	Rating	Weighted Score
Pedestrian Volumes	1	Fair	2
Adjacent Bicycle Accommodations	1	Fair	2
Total	2		4

Category rating = total rating/total weight
 Rating Score:
 Good = 3
 Fair = 2
 Poor = 1

Safety			
Performance Measure	Weight	Rating	Weighted Score
Pedestrian Crashes	3	Good	9
Pedestrian-Vehicle Buffer	1	Fair	2
Vehicle Travel Speed	1	Fair	2
Total	5		13

System Preservation	
Performance Measure	Rating
Sidewalk Condition	Fair

Transportation Equity Priority	
Area Condition	Yes/No
Environmental Justice zone?	✓
School or college within one-quarter mile?	✓
More than 8.9% of population older than 75 years?	
More than 27.5% of households do not own a vehicle?	

Category Ratings
 Good: Score of 2.3 or more (maximum 3.0)
 Fair: Score is between 1.7 and 2.3
 Poor: Score is 1.7 or less (minimum 0)

Detailed Performance Measure Information: Roadway Segment

Goal	Performance Measure	Features of Analyzed Locations
Mobility	Sidewalk Presence	Sidewalks are mostly present on one side of the roadway, although they are missing in a few places.
	Crossing Opportunities	2 crosswalks in 3 miles = 1 crosswalk per mile
	Walkway Width	Much of the sidewalk is narrow
Economic Vitality	Pedestrian Volumes	Estimated 5-60 pedestrians
Safety	Adjacent Bicycle Accommodations	No bicycle infrastructure, 3-6 feet wide shoulders present through most of the corridor
	Pedestrian Crashes	No HSIP cluster
	Pedestrian-Vehicle Buffer	Less than 5 feet
	Vehicle Travel Speed	= 35 MPH
System Preservation	Sidewalk Condition	Fair

APPENDIX B
Support Letters

Seth Asante

From: Jay Monty
Sent: Tuesday, September 4, 2018 10:14 AM
To: Seth Asante
Cc: Catherine Rollins Denisi; Mayor Carlo DeMaria
Subject: RE: Route 16 Priority Corridor Study in Everett and Chelsea

Hi Seth,

Absolutely. We're thrilled to hear that MassDOT is moving forward with this project. Improving Rte 16 in Everett is a high priority of the City, particularly as it pertains to the pedestrian, bicycle and transit facilities on the corridor which are in most cases hazardous and in many cases non-existent. We have several large development projects along the corridor in various stages of permitting and construction which make this project all the more critical for the safety and mobility of our residents.

We will plan to participate in the study and (hopefully) re-design of the corridor in any way that is appropriate. I would suggest that the western limit of the project should extend slightly beyond Second Street and include the on-ramp from Rte 99 and pedestrian and bicycle connections from Rte 16 to Rte 99.

We look forward to participating and please let me know how we can be of assistance.

Thanks,

Jay

Jay Monty
Transportation Planner
Department of Planning and Development
City of Everett
484 Broadway, Rm 25
Everett, MA 02149
617-544-6033

From: Seth Asante [mailto:sasante@ctps.org]
Sent: Tuesday, September 04, 2018 10:06 AM
To: Jay Monty
Subject: Route 16 Priority Corridor Study in Everett and Chelsea

Hi Jay,

MassDOT Highway Division's District 4 has suggested studying Route 16 (Revere Beach Parkway) from Second Street in Everett to Webster Avenue/Garfield Avenue in Chelsea, about 1.4 miles long. After reviewing the arterial segment, it is very likely that the MPO staff would recommend it for LRTP priority corridor study. MassDOT recently acquired Route 16 from I-93 in Medford to Route 145 in Revere from the Department of Conservation and Recreation and the entire section will be maintained by District 4.

A quick assessment indicates the arterial segment has six Highway Safety Improvement Program (HSIP) crash clusters, five of which are in the top-200 intersection crash clusters in Massachusetts. The intersection of Route 16 and Washington Avenue in Chelsea is also part of an HSIP pedestrian crash cluster. In addition, the segment experiences traffic congestion and has pedestrian and bicycle accommodation issues. The study would focus on Complete Streets solutions: accommodating bicyclists and pedestrians safely, closing gaps in sidewalk network, and addressing ADA issues. It will also address congestion by retiming and coordinating traffic signals to improve traffic flow, upgrading signal equipment, access management, as well as improving signage and wayfinding, and modernizing the roadway to MassDOT standards.

We would like to have broader support and participation in the study by engaging the communities in Everett and Chelsea. I am therefore contacting you to see if Everett has interest and willing to participate in a study. Please feel free to call or email me if you have any question.

Thank you,
Seth

Seth A. Asante, P.E. | Chief Transportation Planner
CENTRAL TRANSPORTATION PLANNING STAFF
857.702.3644 | sasante@ctps.org
www.ctps.org/bostonmpo

Two Park Plaza, 2d. Fl. 2100 Boston, MA 02116-0200
Tel: 617.502.3700 Fax: 617.579.9498 | TTY: 617.579.9498



Seth Asante

From: DePriest, John
Sent: Wednesday, September 5, 2018 7:56 AM
To: 'Seth Asante'; Jay Monty
Cc: Mark Abbott; Connie Raphael (DOT); Train, Alexander
Subject: RE: Route 16 Priority Corridor Study in Everett and Chelsea

Yes, Chelsea will participate. I am cc'ing Alex Train, our infrastructure planner, on this email.

What will the City's role be in this study?

John DePriest, AICP
Director of Planning & Development

From: Seth Asante [mailto:sasante@ctps.org]
Sent: Wednesday, August 29, 2018 4:35 PM
To: Jay Monty; DePriest, John
Cc: Mark Abbott; Connie Raphael (DOT)
Subject: Route 16 Priority Corridor Study in Everett and Chelsea

Good Afternoon,

MassDOT Highway Division's District 4 has suggested studying Route 16 (Revere Beach Parkway) from Second Street in Everett to Webster Avenue/Garfield Avenue in Chelsea, about 1.4 miles long. After reviewing the arterial segment, it is very likely that the MPO staff would recommend it for LRTP priority corridor study. MassDOT recently acquired Route 16 from I-93 in Medford to Route 145 in Revere from the Department of Conservation and Recreation and the entire section will be maintained by District 4.

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We would like to have broader support and participation in the study by engaging the communities in Everett and Chelsea. I am therefore contacting you to see if Everett and Chelsea have interest and willing to participate in a study. Please feel free to call or email me if you have any question.

Thank you,
Seth

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CENTRAL TRANSPORTATION PLANNING STAFF
857.702.3644 | sasante@ctps.org
www.ctps.org/bostonmpo

Seth Asante

From: Chen-Yuan Wang
Sent: Wednesday, August 1, 2018 9:41 AM
To: Seth Asante
Cc: Mark Abbott
Subject: FW: CTPS 2019 studies

Seth, FYI.

From: Raphael, Connie J. (DOT) <connie.raaphael@state.ma.us>
Sent: Tuesday, July 31, 2018 4:50 PM
To: Chen-Yuan Wang (cwang@ctps.org) <cwang@ctps.org>; Mark Abbott (mabbott@ctps.org) <mabbott@ctps.org>
Subject: FW: CTPS 2019 studies

Hi Chen-Yuan and Mark,

We have a suggestion for a corridor study in the future. MassDOT recent acquired Route 16 from I-93 in Medford to Route 145 in Revere. This entire section will be maintained by District 4. The section we would suggest studying would be from 2nd Street in Everett to Webster Ave/Garfield Ave in Chelsea.

Connie

From: Suszynski, Frank G. (DOT)
Sent: Monday, July 30, 2018 3:27 PM
To: Raphael, Connie J. (DOT) <Connie.Raphael@dot.state.ma.us>; Fallon, Brian M. (DOT) <Brian.Fallon@dot.state.ma.us>; Gregg, John E. (DOT) <John.Gregg@dot.state.ma.us>; Timoner, Sara (DOT) <Sara.Timoner@dot.state.ma.us>
Subject: RE: CTPS 2019 studies

Hi Connie,
How about Revere Beach Parkway, formally DCR sections?

From: Raphael, Connie J. (DOT)
Sent: Monday, July 30, 2018 2:38 PM
To: Suszynski, Frank G. (DOT); Fallon, Brian M. (DOT); Gregg, John E. (DOT); Timoner, Sara (DOT)
Subject: CTPS 2019 studies

Hi all,

CTPS will be looking for priority corridors and expressway bottleneck locations to study next federal fiscal year. The corridors can also be areas, like the Medford Square study. The bottlenecks would be similar to the Route 3 at Route 128 recommendations. I haven't heard when they will need ideas for studies yet but will keep you informed.

Thanks

Connie