



BOSTON REGION METROPOLITAN PLANNING ORGANIZATION



Pedestrian Report Card Assessment (PRCA): Roadway Segment

Roadway Segment Location

Route 9 in Framingham

Grading Categories ^[1]	Score	Rating
Safety	0.4	Low
System Preservation	2.0	Fair
Capacity Management and Mobility	1.9	Fair
Economic Vitality	2.0	Fair

Transportation Equity^[2]

High Priority Area	√
Moderate Priority Area	
Low 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/bicycle-pedestrian-activities | 857.702.3707 | cclaude@ctps.org

[1] Poor = 0 to 1.7; Fair = 1.7 < 2.3; Good = 2.3 to 3.0

[2] Low = 0 or 1 Factor; Moderate = 2 or 3 Factors; High = 4 or 5 Factors

Grading Categories: Scoring Breakdown Roadway Segment

Capacity Management and Mobility			
Performance Measure ^[1]	Percentage	Score (out of 3.0)	Rating
Sidewalk Presence	50%	2.5	1.25
Crosswalk Presence	33%	1.0	0.33
Walkway Width	17%	2.0	0.34
GRADING CATEGORY TOTAL^[2] (Sidewalk Presence Score * 0.5) + (Crosswalk Presence Score * 0.33) + (Walkway Width Score * 0.17)	100%		1.92

Economic Vitality			
Performance Measure ^[1]	Percentage	Score (out of 3.0)	Rating
Pedestrian Volumes	50%	2.0	1.0
Adjacent Bicycle Accommodations	50%	2.0	1.0
GRADING CATEGORY TOTAL^[2] (Pedestrian Volumes Score * 0.5) + (Adjacent Bicycle Accommodations Score * 0.5)	100%		2.0

Safety			
Performance Measure ^[1]	Percentage	Score (out of 3.0)	Rating
Pedestrian Crashes	60%	0	0
Pedestrian-Vehicle Buffer	20%	1.0	0.2
Vehicle Travel Speed	20%	1.0	0.2
GRADING CATEGORY TOTAL^[2] (Pedestrian Crashes Score * 0.6) + (Pedestrian-Vehicle Buffer Score * 0.2) + (Vehicle Travel Speed Score * 0.2)	100%		0.4

System Preservation			
Performance Measure ^[1]	Percentage	Score (out of 3.0)	Rating
Sidewalk Condition	100%	2	2

Transportation Equity Factors ^[3]	
Area Condition	Yes/No
Low-Income Population ≥ 32.32%	√
Minority Population ≥ 28.19%	√
More than 6.69% of Population > 75 Years of Age	√
More than 16.15% of Households w/o Vehicle	√
Within ¼ Mile of School/College	√

[1] Poor = 1.0; Fair = 2.0; Good = 3.0

[2] Poor = 0 to 1.7; Fair = 1.7 < 2.3; Good = 2.3 to 3.0

[3] Use these factors to determine Transportation Equity priority level (front)



BOSTON REGION METROPOLITAN PLANNING ORGANIZATION



Bicycle Report Card

Roadway Segment Location

Route 9 Framingham

Grading Categories	Score	Grade
Safety	17	F
System Preservation	50	F
Capacity Management and Mobility	50	F
Economic Vitality	50	F

Transportation Equity

High Priority Area	√
Moderate Priority Area	
Low Priority Area	

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Grading

- A: 90–100 *Excellent*
- B: 80–89 *Satisfactory*
- C: 70–79 *Acceptable*
- D: 60–69 *Needs Improvement*
- F: 59–0 *Not recommended for bicycle travel*

Transportation Equity Priority

- High:** Four (4) or Five (5) Factors
- Moderate:** Two (2) or Three (3) Factors
- Low:** Zero (0) or One (1) Factor

Grading Categories: Scoring Breakdown

Capacity Management and Mobility			
Performance Measure	Percentage	Points	Grade
Bicycle Facility Presence	50%	0	0
Proximity to Bike Network	33%	100	33
Proximity to Transit	17%	100	17
Total	100%		50

Economic Vitality			
Performance Measure	Percentage	Points	Grade
Bike Rack Presence	50%	0	0
Land Use	50%	100	50
Total	100%		50

Grading

A: 90–100 *Excellent*

B: 80–89 *Satisfactory*

C: 70–79 *Acceptable*

D: 60–69 *Needs Improvement*

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Transportation Equity Priority

High: Four (4) or Five (5) Factors

Moderate: Two (2) or Three (3) Factors

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Safety			
Performance Measure	Percentage	Points	Grade
Bicycle Facility Presence	33%	0	0
Absence of Bicycle Crashes	33%	0	0
Bicyclist Operating Space	17%	50	8.5
Number of Travel Lanes	17%	50	8.6
Total	100%		17

System Preservation			
Performance Measure	Percentage	Points	Grade
Bicycle Facility Continuity	50%	50	25
Bicycle Facility Condition	50%	50	25
Total	100%		50

Transportation Equity Priority	
Area Condition	Yes/No
Low Income Population => 32.32%	✓
Minority Population => 28.19%	✓
18.2%+ of Population < 16 Years Old	✓
16.15%+ of Households w/o Vehicle	✓
Within ¼ Mile of School/College	✓



Pedestrian Report Card Assessment (PRCA): Roadway Segment

Roadway Segment Location

Route 9 in Natick



Grading Categories ^[1]	Score	Rating
Safety	1.7	Fair
System Preservation	2.0	Fair
Capacity Management and Mobility	1.9	Fair
Economic Vitality	2.0	Fair

Transportation Equity ^[2]	
High Priority Area	√
Moderate Priority Area	
Low Priority Area	

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System Preservation			
Performance Measure ^[1]	Percentage	Score (out of 3.0)	Rating
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BOSTON REGION METROPOLITAN PLANNING ORGANIZATION



Bicycle Report Card

Roadway Segment Location

Route 9 Natick

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Capacity Management and Mobility	50	F
Economic Vitality	50	F

Transportation Equity

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Performance Measure	Percentage	Points	Grade
Bike Rack Presence	50%	0	0
Land Use	50%	100	50
Total	100%		50

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