

Street name: Central Street
 Section of street from: Willow Street to: Windsor Ave Distance (in tenths of a mile): 2/10 (1,865 feet)
 Population (stats for over 17): 21 (Actual) # of bus stops: 2 # of children using bus stops: 5
 Completed by: Dick Calandrella
 Need total: 120 Viability total: 0 Total score: 120

Acton Sidewalk Prioritization Rating Chart

1. Need

	<i>Points available</i>	<i>Points awarded</i>
A. Road Type		
1. Arterial (8,000vpd) (from Master Plan)	50	---
2. Collector Street (2000vpd to 8,000 vpd) (from Master Plan)	25	25
3. Local Street (< 2000vpd) (From Master Plan)	0	---
B. Walking Room (pedestrian is able to move off road into safety when necessary)		
There now exists for 10 feet or more of the section: less than 2 feet off edge of pavement or behind the fog line	20	20
less than 4 feet off the edge of pavement or behind the fog line	10	---
more than 4 feet off the edge of pavement or behind the fog line	0	---
C. Sight Distances		
Road geometry (horizontal or vertical) prohibits adequate sight distances for driver to see pedestrian for the posted speed	0, 5, or 10	5
D. Traffic Speed (posted speed)		
1. 40mph or higher	20	---
2. 30mph or higher	10	10
3. Less than 30mph	0	---
E. Commercial Truck Traffic on collector streets only	Low = 0 High = 5	5
F. Railroad Crossing	10	---
G. Connectivity		
1. Schools (1 mile radius) Gates School	25	25
2. Trains (1mile radius)	10	10
3. Links to points of interest within 1 mile of street midpoint (i.e. parks, post office, shopping, museum, etc.). Assign 1 point per point of interest. W. Acton Shopping / Post Office / Train Station / Elm St Park / Mt Hope Cemetery / S. Acton Shopping / Discovery Museum	1-3 = 5 pts 4-7 = 10 pts > 7 = 15 pts	15
4. Fills in gap in existing sidewalk (a section of street that is less than ½ mile in length and connects to sidewalk on either end of gap on this street, not connecting street).	5	5

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2. Viability

	<i>Points available</i>	<i>Points awarded</i>
A. Neighborhood support		
1. Neighborhood/abutter support	0 to 10	10
2. Neighborhood/abutter objection	0 to -10	---
B. Costs		
1. Developer commitment in place	Yes/No	?
2. Private grants/trusts		?
3. Existing sidewalk funds available	amount	\$24,196*
C. Construction Costs		
1. Base cost per foot	1865 ft.	\$45.07
2. Additional cost item		\$129,764
3. Additional cost item		
Final Cost per Foot		\$114.65
Total Cost		\$213,820
D. Legal requirements		
1. All work for the sidewalk is within the Town's Right of Way. No easements required.	20	---
2. Some of the work will require easements from abutters. All abutters agree to give easements.	10	10
3. Some of the work will require easements from abutters. Abutters will not give required easements. Hostile land takings required.	-20	---
4. Scenic Road (Chapter J Acton Scenic Road Bylaw)	Yes/No	No
E. Environmental considerations		
1. Requires healthy tree removal.	Range 0 to -20	-10
2. Wetlands	-10	-10

*Restricted to Prospect (or Central)

Viability total: -0

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Notes:

Central Street has existing sidewalks on virtually all sections of the road, but there is a short section between 156 Central Street and Mt. Hope Cemetery (essentially Willow Street to Windsor Avenue) that currently has no sidewalks --- probably due to difficult construction issues.

There are existing metal guard rails against the edge on both sides of the road and extremely steep drop-off into wetlands on the East side and Metzger property on the West side where the road curves sharply. There is heavy vehicle traffic constantly along his road, and it is used regularly by adult walkers, bicyclists, and walkers to the South Acton train station.

A connector piece of sidewalk in the short section noted above is highly desirable, and would complete the entire route. The Police Chief safety rating is 10 and ease of construction rating is 4. There already exists an old layout plan for the sidewalk, and some easements will be needed.

All abutting homeowners support this section of sidewalk, and they have filed a petition to the Board of Selectmen via the Sidewalk Committee for action.

In addition, because of accidents, a petition is also on file requesting safety improvements at the intersection of Central Street and Summer Street --- approximately in the middle of the area where the sidewalk would be constructed.

The Town of Acton Sidewalk Cost Estimate report dated April 30, 2008 notes the sidewalk section required would be 1,865 feet long with a base cost of \$84,056.

Additional costs would involve fill, tree removal, and possible stone retaining walls which total \$129,764

Total cost is estimated at \$213,820 which equates to \$114.65 per linear foot.

- Points of interest: W. Acton Shopping / Post Office / Train Station / Elm St. Park / Mt. Hope Cemetery / S. Acton Shopping / Discovery Museum
- Population: 21
- Posted speed vs. actual speed: Posted is 30 MPH Actual is 40 MPH