

Street name: Main Street

Section of street from: Ledge Rock Way to: Residence Just North of North Street

Distance (in tenths of a mile): 1 mile

Population (stats for over 17): 447 (All Main St) # of bus stops: 3 # of children using bus stops: 9

Completed by: Kate Chung

Need total: 100 Viability total: Total score:

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	50
2. Collector Street (2000vpd to 8,000 vpd) (from Master Plan)	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	0
D. Traffic Speed (posted speed)		
1. 40mph or higher	20	20
2. 30mph or higher	10	
3. Less than 30mph	0	
E. Commercial Truck Traffic on collector streets only	Low = 0 High = 5	
F. Railroad Crossing	10	
G. Connectivity		
1. Schools (1 mile radius)	25	
2. Trains (1mile radius)	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.	1-3 = 5 pts 4-7 = 10 pts > 7 = 15 pts	5
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

Need Total: 100

Street name: Main Street (27)

Section of street from: Ledge Rock Way to: Residence Just North of North Street Distance (in tenths of a mile): 1.0

Population (stats for over 17): _____ # of bus stops: _____ # of children using bus stops: _____

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Need total: 100 Viability total: _____ Total score: _____

2. Viability

	<i>Points available</i>	<i>Points awarded</i>
A. Neighborhood support		
1. Neighborhood/abutter support	0 to 10	Not known
2. Neighborhood/abutter objection	0 to -10	Not known
B. Costs		
1. Developer commitment in place	Yes/No	No
2. Private grants/trusts		
3. Existing sidewalk funds available	amount	\$102,020
C. Construction Costs <i>(NOTE: Includes ALL Main Street from Great Road to North Road)</i>		
1. Base cost per foot	6000 ft.	\$45.07
2. Additional Cost Item		\$330,931
3. Additional Cost Item		
Total Cost per Foot		\$102.23
Total Cost		\$601,351
D. Legal requirements		
1. All work for the sidewalk is within the Town's Right of Way. No easements required.	20	Not sure
2. Some of the work will require easements from abutters. All abutters agree to give easements.	10	Not Sure
3. Some of the work will require easements from abutters. Abutters will not give required easements. Hostile land takings required.	-20	Not Sure
4. Scenic road (according to Acton Bylaws, Chapter J Scenic Road Bylaw)	Yes/No	No
E. Environmental considerations		
1. Requires healthy tree removal.	Range 0 to -20	-20
2. Wetlands	-10	-10

Viability total: -30

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Notes:

- Points of interest:
NARA park
- Population:
- Posted speed vs. actual speed:
- Other:
Route 27, north of 2A, is a frequently traveled road with little to no walking room. It also serves several dense neighborhoods of the assisted living home, Robbins Brook, and Marshall Path, in addition to many single family homes.

I would not extend the sidewalks beyond 935 Main Street (just North of North Street). 935 is the last residence on the road and there a few, if any, points of interest North of North Street.



*The missing gap (circle) is 0.05 miles long.
The extension (oval) is 0.4 miles long*