

Street name: ___ Great Road _____

Section of street from: Harris Street to: Nonset Path (by Nagog Woods) Distance (in tenths of a mile): ___0.8 miles_

Population (stats for over 17): _624_____

of bus stops: ___45 (all Great Road)_ # of children using bus stops: ___194__ (all Great Road)

Completed by: ___Kate Chung_____

Need total: _110_____ Viability total: ___20___ Total score: _130_____

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	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	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	
C. Construction Costs		
1. Base cost per foot	1675 ft.	\$45.07
2. Additional Cost Item		\$36,896
3. Additional Cost Item		
Final Cost per Foot		\$67.10
Total Cost ***** (DOES NOT SPEC OUT HARRIS TO NONSET BY VIDED SIGNALS)		\$112,388
D. Legal requirements		
1. All work for the sidewalk is within the Town's Right of Way. No easements required.	20	20
2. Some of the work will require easements from abutters. All abutters agree to give easements.	10	0
3. Some of the work will require easements from abutters. Abutters will not give required easements. Hostile land takings required.	-20	0
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	
2. Wetlands	-10	0

Viability total: 20

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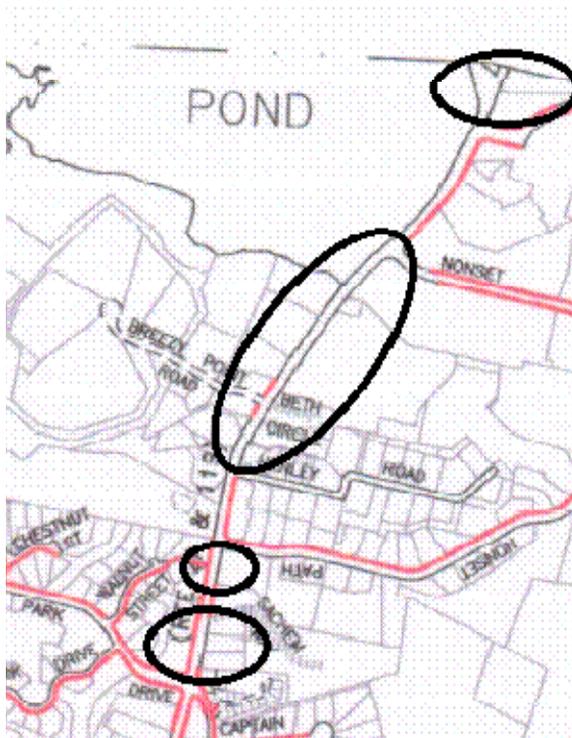
Note

- Points of interest:
Benjamin Moore/Strawberries plaza
Jazz Café
Juniors Pizza/MotoCafe
Video Signals/Karate/Hair Salon
Nagog shopping center
Tire Barn
Bickfords/Scupper Jacks

- Other:

I believe there is no need for easements along this section of road. However the state would need to approve. The cost estimates from the town only take into account the largest section. I believe it is important to include the sections between Harris and Nonset Path. The section West of Nagog Office Plaza is of lesser concern (top of image below).

This section of road has a series of gaps. On the North Side there are 3 segments. On the South Side there are two segments. These notes refer to the sidewalk along the North Side (Right side). At this point I would not recommend sidewalks along the South Side (left side) as most of 2A is sidewalked on the North, and the reservoir and the South would prohibit sidewalks.



I would like to see the sidewalk completed on the Northside so as to have a contiguous sidewalk from Townline to the intersection of 27 (section 4).

Less important is adding a segment of sidewalk West of Nagog Shopping center to the townline. It would serve only non-town residence or people going walking to and from tirebar

Section detail (From top to bottom):

- 0.10 miles (less than 2 feet of walking room)
- 0.3 miles (2-4 feet of walking room)
- 0.05 miles (less than 2 feet paved walking room, but with no snow there is room to walk on the mulched landscaping).
obstacles:
- 0.15 miles (less than 2 feet paved walking room, but in summer there is room to walk on the mulched landscaping).