

Street Name: Charter Road --- School Campus

Section of Street from: Mass Ave. (Route 111) to: Hayward Road distance in 10th of mile: Under 1 mile

Population stats over 17: 2-3 thousand # bus stops many #children using bus stops 2-3,000

Completed by: Dick Calandrella

Date: December 5, 2008

Revised December 10, 2008

Need Total: **37**

Viability Total: **20**

Total Score: **57**

Acton Sidewalk Prioritization Rating Chart (draft 1/17/08)

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	---
3. Local Street (< 2000vpd) (From Master Plan)	0	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	---
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	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	---
2. 30mph or higher	10	---
3. Less than 30mph	0	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	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	10
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	2

Need Total: _37

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	?
C. Construction Costs		
1. Retaining wall necessary	-10	---
2. Ledge removal necessary	-10	---
3. Guardrail needs	-5	---
D. Maintenance Costs		
1. Winter plowing necessary.	-5	-5
2. Maintenance of green buffer zone necessary.	-5	-5

E. 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	---
3. Some of the work will require easements from abutters. Abutters will not give required easements. Hostile land takings required.	-20	---
F. Environmental considerations		
1. Requires healthy tree removal.	Range 0 to -20	---
2. Wetlands	-10	---

Viability total: 20

NOTES: School Committee member John Petersen sent inquiry to the Sidewalk Committee about the safety of sidewalks inside the School Complex which consists of the A-B Regional High School, R.J. Grey Junior High School, Merriam and McCarthy-Towne Elementary Schools and the Community Education Building (old Merriam School).

After study, it is deemed that this complex has more than adequate sidewalks in virtually all sections, and virtually all sidewalks (some asphalt and some concrete) are in good repair. The sidewalks are standard width which may cause an issue because so many students use them at peak times, and that regularly groups of students walk in the roadway itself, hence the possible safety issue.

This study tracked the sidewalks from Massachusetts Avenue (Route 111) through the school complex to Hayward Road.

The only sidewalk section missing is along the edge of Charter Road on the East (R) side from the Parker Damon building driveway past the Community Education building and the Maintenance building to connect with the existing sidewalk in the HS complex.

+ from Route 111 sidewalk exists on East (R) to Parker Damon building driveway.

+ sidewalk then crosses to West (L) side from JHS parking lot to HS parking lot

+ sidewalk then crosses to East (R) side beyond Maintenance building and continues to front door of HS and also on both sides of road by the playing fields and tennis courts to back of HS

+ sidewalk on North side from back of HS past varsity baseball field then East(R) side to Hayward Road

+ sidewalk at back of HS to parking lot and around building to gym door and back around to front of HS.

+ At Parker-Damon building sidewalk is on South (R) side by old M-T school all the way to Merriam/M-T front door and continues past parking lot around to front of Community Education building and back out to Charter Road

+ At JHS building the sidewalk is on both sides from Route 111 all around parking lot to main entrance, then along the West side of the building all the way to the football field and on East side past the tennis courts back to Charter Road

+ At Community Education Building asphalt sidewalk on East (R) side from Charter Road to front door.

- Points of interest: Schools / Kelley's Corner (multiple food, shopping, books, etc.) / train station / West Acton Village
- Population: 2000-3000 school children daily
- Posted speed vs. actual speed: Posted under 20 mph --- Actual under 20 mph

Other:

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