

Street name: Piper Road

Section of street from: School Street to: Farmstead Way (Rt 2) Distance (in tenths of a mile): 0.9 mi

Population (stats for over 17): 49 # of bus stops: 10 # of children using bus stops: 47

Completed by: Sytske Campball (Revised by Dick Calandrella)

Need total: 95 Viability total: -35 Total score: 60

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	10
D. Traffic Speed (posted speed)		
1. 40mph or higher	20	---
2. 30mph or higher	10	---
3. Less than 30mph (posted at 25MPH)	0	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)	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	---

Need Total: 95

Street name: __Piper Road_____

Section of street from: _School Street_____ to: _Farmstead Way (Rt 2)___Distance (in tenths of a mile): 0.9 mi

Population (stats for over 17): _49_ # of bus stops: __10_____ # of children using bus stops: __47_____

Completed by: _____Sytske Campbell (Revised by Dick Calandrella)_____

Need total: __95_ Viability total: _ -35__ Total score: _____60_____

Notes:

Piper Road is a street commonly used by commuters and others coming from/going to Route 2.

At Laurel Court, MacGregor Way and Oakwood Road there are curves which create very poor visibility.

Walking is treacherous on several portions of the road, and there is little to no safety escape for pedestrians due to numerous stone walls, boulders, and natural rises in the land close to the road border.

The Acton Engineering Department indicates that more than 1,200 feet of stone walls and stone retaining walls will have to be removed and re-set. More than 50 trees will need to be removed.

In addition, 311 cubic yards of land excavation in some places and 224 yards of fill in other places will be required with total cost of this sidewalk estimated at \$362.947 or \$98.09 per foot,

Resident Stacey Liberty who lives on Farmstead Way says: "It is an extremely dangerous road to walk on --- there is barely any shoulder in most places and it is a narrow street. If there are cars coming in both directions it is nearly impossible to get out of the way and cars are forced into the oncoming lane to avoid us."

-
- Points of interest:
 - Central Street MBTA train station
 - South Acton center
 - Conant School
 - Great Hill Conservation Area

- Population: 49 residents over 17 years

- Posted speed vs. actual speed: Posted Speed is 25 MPH / Actual Speed exceeds 30 MPH