

Street name: ___Willow Street_____

Section of street from: ___Duggan___ to: ___Marian___ Distance (in tenths of a mile): ___3,075 feet

Population (stats for over 17): ___126_(All Willow)_ # of bus stops: ___26_ # of children using bus stops:___95_

Completed by: ___Dick Calandrella_____

Need total: ___72___ Viability total: ___15___ Total score: ___87_____

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	--
less than 4 feet off the edge of pavement or behind the fog line	10	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	10
3. Less than 30mph	0	---
E. Commercial Truck Traffic on collector streets only	Low = 0 High = 5	3
F. Railroad Crossing	10	---
G. Connectivity		
1. Schools (1 mile radius) Gates School	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	0
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	0

Need Total: ___72___

Street name: ___Willow Street_____

Section of street from: __Duggan__ to: _Marian_ Distance (in tenths of a mile): _3,075 feet

Population (stats for over 17): _126_(All Willow)_ # of bus stops: _26_ # of children using bus stops:_95_

Completed by: _____Dick Calandrella_____

Need total: __72__ Viability total: _15__ Total score: _87_____

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. Base cost per foot --- Duggan to Marian	3075 ft.	\$45.07
2. Additional cost item		\$183,238
3. Additional cost item		
Final Cost per Foot		\$104.66
Total Cost		\$321,828
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
F. Environmental considerations		
1. Requires healthy tree removal.	Range 0 to -20	-5
2. Wetlands	-10	---

Viability total: 15

Street name: ___Willow Street_____

Section of street from: __Duggan__ to: _Marian__ Distance (in tenths of a mile): _3,075 feet

Population (stats for over 17): _126_(All Willow)_ # of bus stops: _26_ # of children using bus stops:_95_

Completed by: _____Dick Calandrella_____

Need total: __72__ Viability total: _15__ Total score: _87_____

NOTES:

Willow Street from Duggan Road to Central Street is approximately 5,300 feet long (1 mile) and currently has sidewalks along the Western side in several locations (Marian Road to Kingman Road and 63 Willow Street to Summer Street)--- some built by private developers --- which are not presently connected.

Safety here is the primary concern. There is heavy vehicle traffic constantly along this route, and the speed of vehicles is often excessive. This is a primary feeder road for many of the homes in the Forest Glen and Colonial Acres neighborhoods, and a significant number of children and adult walkers & joggers, bicyclists, dog walkers, and baby carriage pushers travel this road every day. There are 26 school bus stops along this entire route serving 80-100 children. Sidewalks are definitely needed here to connect to the already existing scattered sidewalks to complete a safe walking area.

The Sidewalk Cost Estimate dated April 30, 2008 prepared by the Acton Engineering Department divides this roadway into 2 sections.

Duggan Road to Marian Road

The length of this piece is estimated to be about 3,075 feet at a cost per foot of \$104.66 or a total cost of \$321,828.

There already exists a sidewalk between Marian Road and Kingman Road built by developer Kevin Sweeney (I believe)

This includes a base cost of \$138,590, and an additional cost of \$183,238 for excavation, removal of 50 trees, and removal of about 400 feet of stone retaining walls.

NOTE --- I question this need for so much stone wall removal after walking the site personally. As far as I can see, the stone walls are far enough back off the roadway so that 5-foot sidewalks can be built between them and the road.

- Population: 126
- Posted speed vs. actual speed: Posted is 30 MPH Actual is 40-plus MPH