

Street name: ___ Great Rd _____

Section of street from: ___ Davis Rd _____ to: ___ Main St. ___ Distance (in tenths of a mile): ___ .65 ___

Population (stats for over 17): ___ 280 ___ # of bus stops: ___ 6 ___ # of children using bus stops: ___ 61* ___

Completed by: ___ Leslie Hogan _____ *includes Briarbrook condos on Great Rd & Davis Rd.

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	10, 5, 0	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	0, 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	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	1600 ft	\$45.07
2. Additional Cost Item Fill & granite curb		\$36,555
3. Additional Cost Item		
Final Cost per Foot		\$67.92
Total cost		\$108,667
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	
3. Some of the work will require easements from abutters. Abutters will not give required easements. Hostile land takings required.	-20	
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	-10

Viability total: ___ 20 ___

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Great Rd Section 3, Brook St to Main St.

(Needs analysis done from Davis Rd to Main St. only)

Notes:

- Points of interest:
 - Brookside Shops
 - Pedal Power/Ichabods Mall
 - Dunkin Doughnuts
 - New London Pizza
 - Willow Books
 - Goulds Plaza
 - CVS Plaza
 - Baseball Fields
 - Monsoon Restaurant
 - Makaha Restaurant
 - New London Pizza
- Population: The population including Briarbrook Condos (on corner of Davis and Great Rd) is approximately 280. 61 children get on the bus here (including Briarbrook). There are also over 100 children using school buses in the Bellows Farm neighborhood further in on Davis Rd.
- Posted speed vs. actual speed: posted speed is 40 mph, I would guess cars travel much faster than this.

Other:

- This section has sidewalks on northeast side from Brook St to Davis Road, then no sidewalks at all on either side to Rt 27. Pedestrians walk to destinations along this part of the roadway by necessity to get to Donelan's Plaza or one of the many other points of interest listed above. This part of Great Rd would connect a pretty continuous section of sidewalks on Great Rd. and allow pedestrians to walk more safely on a very busy road.
- The state needs to approve a sidewalk on this road, and that may take 2-3 months.
- The engineering does not appear to be overly costly and complicated, as it is only a .65 of a mile piece that would need a sidewalk constructed.
- The land is owned by the town, except for one parcel on the corner of Davis Rd and Great Rd where there is a State Right of Way where a sidewalk would go. The railroad crossing also has a ROW which will need approval, it is part of where the Bruce Freeman rail trail will be in the future.