



Message

Wed, Aug 10, 2016 2:53 PM

From: **Paul Starratt**
To: **Chris Kluchman**
Cc: Paul Plouffe Andrea Peraner Sweet Work Jodi Ross

Subject: Re: information on 66 Boston Road

Attachments: Sidewalk Costs 2012.pdf / Adobe Acrobat Document (80K)

Chris:

At the March 10, 2016 Joint Board meeting, I estimated that it would cost the town approximately **\$170,000** to build 1,000 L.F. of sidewalk. That rough estimate was based on the attached \$162/L.F. of typical sidewalk costs that we prepared in 2012, plus an additional 5% to round up the 2012 prices to 2016 prices, or, \$170/L.F. I am not sure where the \$200,000 figure originated.

A "firm" cost estimate is not possible until the actual sidewalk, with site specific details, reaches the 75% design stage.

Paul Starratt, P.E.
Town Engineer
Town of Westford
28 North Street
Westford, MA 01886
Ph: 978-360-0498
Fx: 978-399-2739
pstarratt@westfordma.gov

Chris Kluchman writes:

Paul P. and Paul S. -

I'm requesting help from you related to the Drew Gardens Task Force. Please read to the attached Bill Taffel letter to WCAT News that was posted this morning. The questions Bill asks are similar to topics the TF is considering and I think you both can help with the answers. **I will also send a request to the property owner to get his team's input on these questions.**

1) Sidewalk costs - Paul Starratt, can you provide your calculations for the \$200K of sidewalk along the frontage?

2) Property and Meals taxes - Paul Plouffe, can you provide calculations for

property and meals tax estimates. The current proposal is approx 310 seats (220 seat rest/bar and 85 seat function room). Owners have said they expect a to turnover seats 2 to 3 times per night. Size of restaurant is about 19,800 gsf.

Thank you for your help on this, if you can provide me with answers by 8/17, I'll forward them to the Task Force (Chair Peraner Sweet is copied here).

Chris K.

Chris Kluchman, FAICP
Director of Land Use Management
Town of Westford
55 Main Street
Westford, MA 01886
ckluchman@westfordma.gov
tel. 978-692-5524



Town of Westford Engineering Department

Typical Sidewalk Construction Cost per Mile of Road

Date: 12/7/2012

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Selective Clearing & Tree Protection	1	LS	\$10,000	\$10,000
Test Pits	10	CY	\$150	\$1,500
Earthwork/Unclassified Excavation	2,000	CY	\$30	\$60,000
Gravel Sub-base	1,200	CY	\$30	\$36,000
Fine Grading & Compaction	3,000	SY	\$4	\$12,000
HMA 5 Foot Sidewalk	550	Ton	\$150	\$82,500
HMA Patch	220	Ton	\$150	\$33,000
Saw Cut Pavement	5,280	LF	\$2	\$10,560
Sloped Granite Curb	5,280	LF	\$20	\$105,600
Crosswalks & Curb Ramps	4	Each	\$10,000	\$40,000
High Visibility Pedestrian Crossing	1	Each	\$15,000	\$15,000
Driveway Modifications	25	Each	\$2,000	\$50,000
Retaining Walls	500	SFF	\$50	\$25,000
Hydrant Remove & Reset	5	Each	\$2,000	\$10,000
Guardrail	265	LF	\$90	\$23,850
Erosion Controls	500	LF	\$5	\$2,500
Loam Borrow	275	CY	\$40	\$11,000
Seed - 5 Foot Grass Strip	2,000	SY	\$2	\$4,000
Dispose Surplus Soil	1,760	CY	\$5	\$8,800
Safety Controls & Signs	1	LS	\$10,000	\$10,000
Relocate stonewalls & fences	1	LS	\$10,000	\$10,000
Drainage Improvements	1	LS	\$40,000	\$40,000
Miscellaneous Work & Cleanup	1	LS	\$10,000	\$10,000
Police Details	200	Hours	\$70	\$14,000
Environmental Permitting	1	LS	\$15,000	\$15,000
Surveying & Engineering Design	1	LS	\$30,000	\$30,000
R.O.W. & Easement Issues	1	LS	\$15,000	\$15,000

Sub-Total	\$685,310
25% Contingency	\$171,328
Total	\$856,638

Approx. Cost	\$162
Per foot =	

