



CITY OF CAMBRIDGE
INTEROFFICE CORRESPONDENCE

To Robert W. Healy
City Manager

From Joan Lastovica
City Engineer JL

Subject Sidewalk on Eighth Street

Date December 19, 1985

Reference City Council Order 3
April 1, 1985

As requested in your memo of November 21, 1985, the Engineering Office has reviewed the existing sidewalk and roadway conditions of Eighth Street, from Spring to Cambridge Streets. Sidewalk widths average 6.5 ft, the roadway width averages 27 ft, the length of street estimated is 709 ft. The estimated cost to reconstruct the street is \$66,500 (attached).

Eighth Street is generally in poor condition, there exist numerous utility trenches in poor repair, and sidewalk material varies from asphalt, broken or heaved concrete, and a few brick frontages. Roadway conditions at 42 Eighth Street are poor due to numerous utility patches that present an uneven driving surface. The walk area in front of 42 Eighth Street includes a broken concrete driveway and a section of smooth concrete sidewalk.

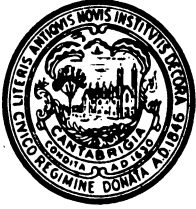
The length of Eighth Street has insufficient curb reveal (3 inches or less) which increases the potential for sidewalk flooding as street drainage can easily overflow the low curbing. New sidewalks alone will not solve the problem. The back of sidewalk is generally also the building line along this street. Existing buildings have basement window sills and door entrances at the existing sidewalk elevation. The only way to improve the drainage along the low curbing is to lower the elevation of the street. The estimate of \$66,500 thus includes reconstructing the street.

cc: Maura Smith, Administrative Aide

CAMBRIDGE ENGINEERING OFFICE
147 HAMPSHIRE STREET

PRELIMINARY COST ESTIMATE WORK SHEET

DWG. NO.		DATE 11/85		SHEET OF	
PROJECT TITLE PRELIMINARY ESTIMATE					
LOCATION EIGHTH STREET, SPRING ST. TO CAMBRIDGE ST.					
OWNER					
ESTIMATED BY P.H.		CHECKED BY R.P.		APPROVED BY	
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE MAT. & LAB.	ESTIMATED AMOUNT
120.1	UNCLASSIFIED EARTH EXCAVATION	326	C.Y.	6.50	2,119.00
151	GRAVEL BORROW	226	C.Y.	7.50	1,695.00
156.12	CRUSHED STONE FOR CURB FDNTH.	44	C.Y.	13.00	572.00
220	DRAINAGE STRUCTURE ADJUSTED	13	EA.	120.00	1,560.00
222	FRAME & COVER	5	EA.	260.00	1,300.00
223	BRADLEY HEAD REMODEL	5	EA.	400.00	2,000.00
358	GATE BOXES ADJUSTED	26	EA.	30.00	780.00
402.2	RECLAIMED BASE COURSE	2,205	S.Y.	3.96	8,731.80
460	CLASS I BIT. CONC PAVE. TY I-1	618	TON	36.25	22,402.50
516.51	GRAN. TRANSITION CURB-STRAIGHT	168	L.F.	23.40	3,931.20
580	CURB R & R	990	L.F.	5.50	5,445.00
581	CURB INLET R & R	5	EA.	40.00	200.00
701.1	CEM. CONC. SIDEWALK-1 COURSE 4"	720	S.Y.	14.40	10,368.00
701.2	CEM. CONC. SIDEWALK-1 COURSE 6"	89	S.Y.	17.50	1,557.50
702.31	CEM. CONC. PEDESTRIAN RAMP	112	S.Y.	18.40	2,060.80
706C	BRICK ON SAND TREE PIT	17	S.Y.	24.75	420.75
710.4	GRANITE BOUND	3	EA.	250.00	750.00
874.7	SIGN POST R & R	19	EA.	30.00	570.00
TOTAL					66,463.55



CITY OF CAMBRIDGE

CAMBRIDGE, MASSACHUSETTS 02139
TEL. 498-9011

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

RICHARD C. ROSSI
Deputy City Manager

December 30, 1985

To the Honorable, the City Council:

In response to Awaiting Report Item No. 10 regarding sidewalk repairs along Eighth Street, I submit the attached report from Joan Lastovica, City Engineer. As Ms. Lastovica points out, the street is generally in poor condition and she estimates that the necessary repairs will cost \$66,500. Funding for this area will be considered in the FY87 Capital Investment Program.

Very truly yours,

Robert W. Healy
City Manager

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Re: response to Awaiting Report Item No.
10 on sidewalk repairs along Eighth St.

In City Council,

December 30, 1985

12/30/85

- Placed

on

File -