

COUNCIL WORKSHOP ITEM

ITEM: 2001 Sidewalk Improvements, Project #02-01
DATE: September 17, 2001
PREPARED BY: John J. Bajor, Jr., Director of Public Works; Dan Grecco, Project Engineer
PURPOSE: Place approval of Change Order #2 & #3 for the 2001 Sidewalk Improvements, Project #02-01 (Storm Sewer Improvements along Hitchcock Avenue and Grand Avenue) on the October 16, 2001 Active Agenda.

DISCUSSION:

In conjunction with sidewalk improvements scheduled for Hitchcock Avenue and Grand Avenue, Staff is requesting that additional expenditures be made to install storm sewer improvements adjacent to portions where public sidewalk is to be installed. Staff is requesting additional improvements at these locations as a means of responding to drainage concerns.

The current approved sidewalk contract is in the amount of \$336,191.10, with an additional \$14,798.10 allowed for contingency. Based upon revised design estimates, Staff is requesting that an additional \$121,849.42 be approved for additional storm sewer improvements. Approximately \$89,000 is available within the current year 523 Program (Sidewalks). The remaining \$33,000 is available in the current year 524 Program (Stormwater Management). See attached cost data.

The majority of available and feasible parkway restoration time for this year will likely have passed by the time both storm sewer and sidewalk improvements are completed. For this reason, Staff is requesting that Change Order #3 be approved, adjusting the contract completion date to allow for final parkway restoration early next spring.

During the '02/'03 budget preparation, storm-sewer improvements adjacent to potential sidewalk installation locations can be identified earlier to assist with the 2002 Sidewalk Improvement Program. A revised Sidewalk Priority Matrix is expected to be completed for the Parking and Traffic Commission's review later this November. Earlier consideration of sidewalk improvement locations will allow for earlier budget preparation of future storm sewer improvement adjacent to proposed sidewalk improvements.

RECOMMENDATION:

Staff recommends that Change Order #2 & Change Order #3 for Project 02-01, 2001 Sidewalk Improvements be approved for M & C Scavelli, Inc. in the amount of \$110,772.20 plus a 10% contingency in the amount of \$11,077.22, for a total of \$121,849.42.

Attachments: Change Order #2 & #3, Project #02-01
2001 Sidewalk Improvements – Storm Sewer Totals for Hitchcock & Grand
“ “ – Comprehensive Costs Analysis for the 2001 Sidewalk Program
Program 524, Storm Water Budget Status

Date: October 3, 2001

Project: 2001 Sidewalk Improvements

Change Order: 2 & 3

Project #: 02-01

CONTRACTOR: M & C Scavelli, Inc.

ADDRESS: 5424 N. Pittsburgh
Chicago, IL 60656

CHANGE #2 Increase the amount of Storm Sewer Improvements to be made. Increase for Hitchcock Avenue storm sewer and addition by adding Grand Avenue storm sewer.

Additions:

See attached worksheet "Storm Totals for Hitchcock & Grand"

Total Additions:	\$ 121,849.42
Deletions:	None

TOTAL ADDITIONAL COST:	\$121,849.42
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CHANGE #3 Extend Completion date for restoration until April 30th, 2002, which is to include final topsoil dirt grading and hydroseeding.

Approval Recommended:

Funds Available:

The work covered by this order shall be performed under the same terms and conditions as that included in the original contract.

Changes Authorized and Approved:

Original Contract Amount \$295,960.20

Net Change from Previous
Change Orders: \$ 40,230.90

OWNER by Village Manager Date

Amount of this Order: \$121,849.42
(increase / decrease)

CONTRACTOR Date

Revised Contract \$458,040.52

2001 SIDEWALK IMPROVEMENTS - PROJECT #02-01

M & C SCAVELLI

note: Parenthesis Denote Negative Value

ITEM #	ITEM	PROJECTED QUANTITY	UNITS	BID UNIT PRICE	PROJECTED TOTAL	BID QUANTITY	BID AMOUNT	DIFF. QUANTITY	DIFF. AMOUNT
STORM SEWER TOTALS - HITCHCOCK & 62ND									
	2 P.C.C. SIDEWALK 5", REM. & REPL.	927	S.F.	\$6.00	\$5,562.00	110	\$660.00	817	\$4,902.00
	6 CMP, 12"	60	L.F.	\$20.00	\$1,200.00	200	\$4,000.00	-140	(\$2,800.00)
	7 PVC SDR 26 SEWER PIPE 12" DIA.	889	L.F.	\$23.00	\$20,447.00	300	\$6,900.00	589	\$13,547.00
	8 PVC SDR 26 SEWER PIPE 15" DIA.	583	L.F.	\$26.00	\$15,158.00	400	\$10,400.00	183	\$4,758.00
	9 PVC SDR 26 SEWER PIPE 18" DIA.	0	L.F.	\$31.00	\$0.00	700	\$21,700.00	-700	(\$21,700.00)
	11 PARKWAY RESTORATION, SPECIAL	1870	S.Y.	\$13.00	\$24,310.00	300	\$3,900.00	1570	\$20,410.00
	12 BIT. DRIVEWAY R & R, 2" CLASS I	651	S.Y.	\$22.00	\$14,322.00	1	\$22.00	650	\$14,300.00
	17 BACKFILL, CA-6 (special)	1100	C.Y.	\$15.00	\$16,500.00	3	\$45.00	1097	\$16,455.00
	19 MANHOLE ADJUSTMENT	2	EA.	\$100.00	\$200.00	10	\$1,000.00	-8	(\$800.00)
	20 2' INLET INSTALLATION /STRUCTURE	11	EA.	\$350.00	\$3,850.00	11	\$3,850.00	11	\$3,850.00
	21 WATER SERVICE ADJUST	15	EA.	\$50.00	\$750.00	15	\$750.00	15	\$750.00
itm. not bid	PUSHED 15" DIA PVC SEWER PIPE	80	L.F.	\$150.00	\$12,000.00			80	\$12,000.00
itm. not bid	SANITARY SERVICE ADJUST	23	EA.	\$700.00	\$16,100.00			23	\$16,100.00
itm. not bid	4' TYPE A MANHOLE/FRAME AND LID	4	EA.	\$2,000.00	\$8,000.00			4	\$8,000.00
itm. not bid	WATER SERVICE REPLACEMENT	5	EA.	\$2,300.00	\$11,500.00			5	\$11,500.00
itm. not bid	12" FLARED END SECTIONS	10	EA.	\$200.00	\$2,000.00			10	\$2,000.00
itm. not bid	WATER SERVICE ADJUST - MODIFIED	15	EA.	\$500.00	\$7,500.00			15	\$7,500.00
TOTAL STORM IMPROVEMENTS					\$159,399.00				

EXISTING QUANTITY ALREADY BID - > \$48,627.00

DIFF BETWEEN \$157,399.00 AND \$48,627.00 - > \$110,772.00

WHICH IS AMOUNT TO COVER ADDITIONAL STORM SEWER EXPENSES ON HITCHCOCK AND GRAND

ADDITIONAL COSTS - 2001 SIDEWALK PROGRAM
October 3, 2001

SW R & R

Contract Work for Sidewalk R & R	\$161,580.00
June Geotech (Hurely) costs	\$1,554.75
July Geotech (Hurely) costs	\$717.50 call made for balance
August Geotech (Hurely) costs (estimate)	\$300.00
S.W. Cost Shares (estimate)	\$3,000.00

2001 R & R total (estimate) **\$167,152.25**

	Cost	length	width	area
SW R & R, ADDITIONAL LOCATIONS				
4020 Williams	\$140.00	10	5	50
4613 Sherwood	\$197.40	15	4.7	70.5
4429 Middaugh	\$140.00	10	5	50
4716 Elm	\$131.60	10	4.7	47
744 Maple	\$131.60	10	4.7	47
806 Maple	\$789.60	60	4.7	282
844 Maple	\$329.00	25	4.7	117.5
946 Summit	\$338.21	25.70	4.7	120.79
946 Summit	\$263.20	20	4.7	94
950 Summit	\$669.84	50.9	4.7	239.23
954 Summit	\$267.15	20.3	4.7	95.41
1725 Graham	\$364.00	26	5	130
1729Graham	\$266.00	19	5	95
7309 Binder	\$273.00	19.5	5	97.5
1721 Graham	\$168.00	12	5	60
7314 Binder	\$119.00	8.5	5	42.5
N.E. corner of Binder/Graham	\$238.00	17	5	85
N.E. corner of Binder/Graham	\$50.40	6	6	18
2001 S.W. R & R Additional costs	\$4,876.00			
Extra work already completed as part of 5% contingency	\$7,939.00			
	\$12,815.00			

Total R & R Program **\$179,967.25**

\$174,395.00

NEW SIDEWALK

	\$336,191.10	Total with Alternates Presented (Added Due to Favorable Bid Pricing)
Geotech Costs	\$5,000.00	- Projected
5% Contingency	\$14,798.01	- From Base Bid amount
Printing Costs	\$300.00	
per contract, New Sidewalk Costs	\$356,289.11	

NEW SIDEWALK, ADDITIONAL COSTS

Hitchcock Storm Sewer, additional costs only (includes pushing 80' pipe)	\$71,827.00	see atch. sheet for details
Grand Ave Storm Sewer	\$38,945.00	see atch. sheet for details
Misc. other improvements, retaining wall, etc.	\$4,631.32	
Replacement Trees, Forestry costs (estimate)	\$9,500.00	
New Sidewalk, Additional Costs	\$124,903.32	

Total additional costs, both R & R and New Walk **\$661,159.68**

Fund 220
Program 524 Storm Water

2000/01 Estimate 2001/02 Estimate 2002/03 Estimate 2003/04 Estimate 2004/05 Estimate 2005/06 Estimate 2006/07 Estimate

	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
5707							
Engineering and Architectural Fees	\$10,000	\$22,000	\$30,000	\$30,000	\$10,000	\$10,000	\$10,000
Sub-Total	\$10,000	\$22,000	\$30,000	\$30,000	\$10,000	\$10,000	\$10,000
5711							
Improvements							
Carpenter, Maple to Ross			\$330,000				
Linden Heights	\$100,000	\$100,000	\$50,000				
Downers Drive @ Orchard Brook	\$50,000	\$50,000	\$0				
Lacey Creek- Orchard Brook	\$378,000	\$278,000	\$300,000				
Innisbrook- north side of 35th	\$40,000	\$40,000					\$60,000
Saratoga and Black Oak(joint repair)		\$50,000	\$0				
Downers Drive - Grant to Chicago	\$25,000	\$25,000	\$0	\$15,000	\$15,000	\$15,000	\$15,000
Miscellaneous							
Hitchcock/Grand Storm Sewer (w/sdwnks)		\$0	\$33,000				
Hickory Court Ditch		\$0	\$26,000				
Lindley, north of 41st		\$90,000	\$160,000				
2nd Street, Williams to Cumnor	\$140,000	\$140,000	\$190,000				
Detention Basin Inventory	\$35,000	\$35,000	\$35,000				\$35,000
Detention Basin Construction (TBD)							
Curtiss, Mackie to Belden		\$55,000	\$0	\$160,000			
Belmont Outfall					\$150,000		
St. Joe's Creek @ Gilbert						\$215,000	
Civic Center East End- St.Joes							\$200,000
Austin/Fairview Creek Wall						\$40,000	
Carpenter Street Box Culvert							\$500,000
Centre Circle						\$25,000	
Gilbert Branch of St. Joe-RR Tracks to Creek							
Sub-total	\$768,000	\$483,000	\$895,000	\$834,000	\$365,000	\$15,000	\$575,000
Total Program	\$778,000	\$505,000	\$925,000	\$864,000	\$375,000	\$25,000	\$585,000