

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
OCTOBER 27, 2009 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Change Order and Contract Extension: McCollum Park Stormwater Improvement Project (CIP Project SW-034)	Resolution Ordinance ✓ Motion Discussion Only	Naneil Newlon Director of Public Works

SYNOPSIS

A motion is requested to authorize a change order to an existing contract with Naperville Excavating, Inc. of Naperville, IL, for the McCollum Park Stormwater Improvement Project (SW-034). The amount of the proposed change order, \$23,705.91, would increase the existing contract amount from \$1,202,426.28 to \$1,226,132.19. This is the second change order for the McCollum Park Stormwater Project.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2008-2013 identified *Top Quality Village Infrastructure and Facilities*. A supporting objective of this goal is *Improve Neighborhood Infrastructure Curbs, Gutters, Streets, Sidewalks, Stormwater and Drainage System*.

FISCAL IMPACT

The FY09 budget includes \$1,250,000 in the Stormwater Improvement Fund for all projects in Prentiss Creek, Subwatershed B (SW-034).

RECOMMENDATION

Approval on the November 3, 2009 consent agenda.

BACKGROUND

On April 7, 2009, the Village Council awarded a contract to Naperville Excavating, Inc. of Naperville, IL, for the McCollum Park Stormwater Improvement Project (SW-034). The contract was to provide stormwater detention in the form of one detention facility located at the northwest section of the Park District-owned property, McCollum Park. The detention facility, in conjunction with other projects, would alleviate drainage issues along Fairmount Ave from 61st Street to 67th Street and along 67th Street west of Blackstone Drive. Storage gained with the proposed detention basin will allow water to drain more efficiently from upstream areas, thus reducing flooding elevations. The project also consists of relocating a basketball court and volleyball court, the construction of a new soccer field with an underdrain system and irrigation system, and various park amenities.

This is the second change order for the McCollum Park Stormwater Improvement Project. The first change order was approved by Village Council on June 30, 2009 for an amount of \$27,123.00. This second change order would increase the existing contract amount from \$1,202,426.28 to \$1,226,132.19. The proposed change order includes additional costs for the following items:

- Additional quantity and pay items for tree work (tree removal, tree relocation (3"), tree crown raising, root pruning, and tree raising) required to construct new volleyball/basketball courts
- Final quantity beyond plan quantity for the following items: erosion control blanket, brick pavement removal, 12" storm sewer, 8" underdrains, tideflex backflow preventer, exploration trench, concrete curb, plexicolor line paint, and 6" underdrains.
- New item for 8" storm sewer needed for perimeter drains that was not included in original plans

- Increase in quantity of segmented block retaining wall due to revisions to proposed layout.
- Installation of a conflict manhole that was not anticipated during the design process. The conflict manhole will allow the storm sewer system to function around an existing, unmovable sanitary force main.
- Adjustment to an existing watermain in conflict with the proposed 36" storm sewer on 67th Street. The conflict was not acknowledged and/or assumed during the design process.
- The construction entrance will be revised to include two sets of gates that will provide protection for pedestrian traffic
- Undercuts due to unsuitable sub-base material in the basketball area.
- Extension of fence posts due to relocating the fence around the volleyball and basketball courts.

In addition to these project costs, the proposed change order includes a credit to the Village for the following items:

- Reduced unit prices for undercuts due to unsuitable sub-base material in the basketball area. Previously approved unit prices for these items will be deducted.
- Final quantities below plan quantity for the following items: tree relocation (2" and 4"), plexipave color finish system, and 4" underdrains.

In addition to a request for a change in the contract cost, Naperville Excavating, Inc. also requested a time extension to complete the project. The primary causes for the delay are attributable to weather and unanticipated changes to the plans and the time needed to evaluate and approve these changes. The proposed change order would extend the project completion date from September 20, 2009 to November 27, 2009.

ATTACHMENTS

Change Order #2 – McCollum Park Stormwater Improvement Project (two sheets)

Bid Contract Form

Naperville Excavating, Inc. Time Extension Request Letter

Soil Excavation Chart

Capital Project Sheet (SW-034)



Village of Downers Grove Change Order

Project Name: McCollum Park Storm Water Improvements **Date:** 10/16/2009
Project No: SW-034-09 **No:** 2
Contractor: Naperville Excavating

You are directed to make the following changes to this contract:

Credits for following pay items: Tree Relocation (2" and 4"), Import and Compact CA-6 Material (Undercuts), Plexipave Color Finish System, and 4" Underdrains. Additional for the following items: Tree Removal, Tree Relocation, Erosion Control Blanket, Tree Crown Raising (Pruning), Root Pruning, Geotech. Fabric, Tree Raising, Undercut and Export Unsuit. Materials (Modified), Remove Inlet Structures, Brick Pavement Removal, Storm Sewers (12"), 8" Underdrains, Tideflex Backflow Preventer, Exploration Trench, Storm Sewer (PVC 8" Solid), Force Accounts for Conflict Manhole and Watermain Adjustment, Concrete Curb (Special), Seg. Block Retaining Wall, Plexicolor Line Paint (2-inch), and 6" Underdrains.

The original contract sum was:.....	(1)	\$ 1,175,303.28
Net amount of previous change orders:.....	(2)	\$ 27,123.00
Current contract amount (1) + (2):.....	(3)	\$ 1,202,426.28
This Proposed Change Order:.....	(4)	\$ 23,705.91
Proposed Revised Contract Amount (3) + (4):.....	(5)	\$ 1,226,132.19

Net of Change Orders Pending Approval (4):	\$ 23,705.91
Budget Estimate:.....	\$ 1,250,000.00
Original Completion Date:.....	9/20/2009
Time Extension or Reduction:.....	69
Total Contract Time (Pending Approval):.....	11/27/2009

RECOMMENDED FOR ACCEPTANCE:**APPROVED:**_____
Project Engineer Date_____
 Village Manager Date Director of Public Works_____
Contractor Date

It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance, and guarantees are hereby extended to incorporate this Change Order.

Project Name: McCollum Park Storm Water Improvements

Date: 10/16/2009

Project No: SW-034-09

No: 2

<i>Item No.</i>	<i>Item</i>	<i>Orig. Quan.</i>	<i>Unit</i>	<i>Add or Deduct</i>	<i>Revised Quan.</i>	<i>Unit Price</i>	<i>Total Price</i>
1.06	Tree Removal, 6 to 15 units Dia.	612.8	UNIT	8.2	621.0	\$10.00	\$82.00
1.07	Tree Removal, over 15 Units Dia.	258.4	UNIT	61.8	320.2	\$20.00	\$1,236.00
1.09	Tree Relocation, 2"	10.0	EACH	(1.0)	9.0	\$100.00	(\$100.00)
1.10	Tree Relocation, 3"	1.0	EACH	5.0	6.0	\$100.00	\$500.00
1.11	Tree Relocation, 4"	5.0	EACH	(3.0)	2.0	\$210.00	(\$630.00)
1.22	Erosion Control Blanket	3,300.0	SQ YD	4,000.0	7,300.0	\$1.05	\$4,200.00
X1.27	Tree Crown Raising - Limb Pruning	3.0	EACH	3.0	6.0	\$165.00	\$495.00
X1.28	Root Pruning	177.0	LIN FT	51.0	228.0	\$4.50	\$229.50
X1.31	Import and Compact CA-6 Material (Undercuts)	375.7	CU YDS	(375.7)	0.0	\$43.75	(\$16,436.88)
X1.32	Geotechnical Fabric (Undercuts)	433.0	SQ YD	0.3	433.3	\$2.00	\$0.60
X1.33	Tree Raising	0.0	EACH	4.0	4.0	\$150.00	\$600.00
X1.34	Undercut and Export Unsuitable Materials (Mod)	0.0	CU YDS	375.7	375.7	\$27.50	\$10,331.75
2.01	Remove Inlet Structures	2.0	EACH	1.0	3.0	\$150.00	\$150.00
2.04	Brick Pavement Removal	55.0	SQ YD	0.8	55.8	\$2.00	\$1.60
3.01	Storm Sewers, Type 2, RCP, Class III, 12"	270.0	LIN FT	5.2	275.2	\$35.15	\$182.78
3.04	Pipe Underdrains, Fabric Lined, 4" PVC	516.0	LIN FT	(130.4)	385.6	\$10.85	(\$1,414.84)
3.05	Pipe Underdrains, Fabric Lined, 8" PVC	1,105.0	LIN FT	97.6	1,202.6	\$13.25	\$1,293.20
3.18	Series 35-1 Tideflex Backflow Preventer	1.0	EACH	1.0	2.0	\$3,500.00	\$3,500.00
3.24	Exploration Trench, Special	20.0	LIN FT	15.0	35.0	\$100.00	\$1,500.00
X3.25	Storm Sewer, PVC, 8" Solid	0.0	LIN FT	456.0	456.0	\$15.75	\$7,182.00
X3.26	Force Account - Conflict MH (Storm - Sanitary)	0.0	EACH	1.0	1.0	\$5,000.00	\$5,000.00
X3.27	Force Account - Adjust Existing WM on 67th St	0.0	EACH	1.0	1.0	\$3,000.00	\$3,000.00
4.06	Concrete Curb (Special)	424.0	LIN FT	5.0	429.0	\$18.18	\$90.90
5.01	Segmented Block Retaining Wall	6,356.0	SFF	70.0	6,426.0	\$26.25	\$1,837.50
6.06	Plexipave Color Finish System	1,530.0	SQ YD	(27.8)	1,502.2	\$5.15	(\$143.17)
6.07	Plexicolor Line Paint, 2-inch	1,277.0	LIN FT	27.0	1,304.0	\$0.48	\$12.96
9.02	Pipe Underdrains, Fabric Lined, 6" PVC	4,288.0	LIN FT	75.0	4,363.0	\$13.40	\$1,005.00
TOTAL PRICE ADJUSTMENT:							\$23,705.91

V. BID and CONTRACT FORM (Village)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

NAPERVILLE EXCAVATING CO.
Company Name

MARCH 13, 2009
Date

1805 HIGH GROVE LANE
Street Address of Company

JBARRETT@NAPEREXC.COM
E-mail Address

NAPERVILLE, IL 60540
City, State, Zip

JOSHUA BARRETT
Contact Name (Print)

630-355-1400
Business Phone

630-355-1400
24-Hour Telephone

630-355-6906
Business Fax

Clayton R. Olsen
Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

CLAYTON R. OLSEN, VICE PRESIDENT
Print Name & Title

Judith J. Welsh
Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within 150 calendar days from the date of the Notice to Proceed in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within 90 calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

V. BID and CONTRACT FORM (Contractor)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

NAPERVILLE EXCAVATING CO.

Company Name

MARCH 13, 2009

Date

1805 HIGH GROVE LANE

Street Address of Company

JBARRETT@NAPEREXC.COM

E-mail Address

NAPERVILLE, IL 60540

City, State, Zip

JOSHUA BARRETT

Contact Name (Print)

630-355-1400

Business Phone

630-355-1400

24-Hour Telephone

630-355-6906

Business Fax

Clayton R. Olsen

Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

CLAYTON R. OLSEN, VICE PRESIDENT

Print Name & Title

Judith J. Czekalski

Signature of Corporation Secretary

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VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within 90 calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.



1805 HIGH GROVE LANE
NAPERVILLE, ILLINOIS 60540

Off: 630 ♦ 355 ♦ 1400
Fax: 630 ♦ 355 ♦ 6906

October 2, 2009

HRL
Don Ryba
380 Shepard Drive
Elgin, IL 60123

RE: McCollum Park Storm Water Improvement Project

This letter is to request a time extension on the McCollum Park Storm Water Improvement job. Listed below is a list of delays that we feel impacted the critical path on the schedule, causing an overall delay on the project. The delays listed below are less than the actual time because we were able to do other work on other parts of the job during the delays. Our records show the 150 days started on 4/23 which makes 9/20 the date without extensions. The dates listed below would take us to the end of November which according to the updated time line should be enough time to substantially complete the basin. The seeding is one of the things that we would have to watch the weather on to determine how much gets done. The slopes should not be a problem getting stabilized before the winter.

Fence changes and approval around V-ball and B-ball 6/3/09 to 6/5/09---- 3 days

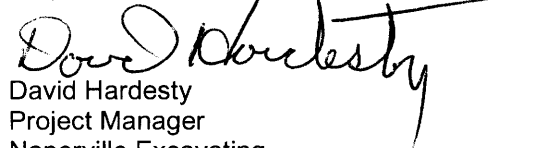
V-ball post change in length 7/10/09 to 7/21/09----- 11 days

Retaining wall blocks, Time from approval/order date and delivery 8/6/09 to 9/24/09----- 43 days

Storm inlet change 9/15/09 to 9/29/09----- 14 days

In addition to the above delays, we are listing weather delays from the record wet spring we had. I do acknowledge that normal weather delays are usually accounted for in the time line however this spring we had record breaking rainfall. I believe everyone would agree that the amount and frequency of the rain could be considered an extraordinary circumstance that should be considered. The dates are as follows: 4/20, 4/21, 4/22, 4/23, 4/24, 4/27, 4/28, 4/29, 4/30, 5/1, 5/7, 5/13, 5/15, 5/26, 5/27, 6/1, 6/2, 6/6, 6/8, 6/11, 6/16, 6/17, 6/18, 6/19, 6/22. Please let me know if you are in agreement with this letter. Regardless of any extension we will continue to work hard to complete this site as soon as possible.

Regards,


David Hardesty
Project Manager
Naperville Excavating

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			+ A	—————*								
DORMANT SEEDING	+ B	—————>									+ B	—————>
TEMPORARY SEEDING			+ C	—————>				+ D	—————>			
SODDING			+ E**	—————>								
MULCHING	+ F	—————>										

A KENTUCKY BLUEGRASS 90 LBS/ACRE
MIXED WITH PERENNIAL RYEGRASS
30 LBS/ACRE.

B KENTUCKY BLUEGRASS 135 LBS/ACRE
MIXED WITH PERENNIAL RYEGRASS
45 LBS/ACRE + STRAW MULCH 2 TONS/ACRE.

C SPRING OATS 100 LBS/ACRE

D WHEAT OR CEREAL RYE
150 LBS/ACRE.

E SOD

F STRAW MULCH 2 TONS/ACRE.

* IRRIGATION NEEDED DURING JUNE AND JULY.

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.

SOIL PROTECTION CHART

2009-2013 Capital Project Sheet

Project # **SW-034**

Project Description **Watershed Improvements, Prentiss Creek, Sub B (Fairmont)**

Project summary, justification and alignment to Strategic Plan

Improvements are included in the Watershed Infrastructure Improvement Plan. This project involves constructing a new detention basin, re-grading depressional storage areas, new and replacement storm sewers and catch basins. The Five Year Strategic Plan for 2009-2013 identifies a goal of top quality Village infrastructure and facilities. Supporting objectives include improving neighborhood infrastructure and upgrading the water system.

Cost Summary	New		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Future Years	TOTAL
	Maintenance	Replacement							
Professional Services		x				141,000			141,000
Land Acquisition	x		25,000						25,000
Infrastructure		x	1,225,000		1,000,000	3,650,000			5,875,000
Building									-
Machinery/Equipment									-
Other/Miscellaneous									-
TOTAL COST			1,250,000	-	1,000,000	3,791,000	-	-	6,041,000

Funding Source(s)	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Future Years	TOTAL
243-Stormwater Fund	1,250,000		1,000,000	3,791,000			6,041,000
							-
							-
							-
TOTAL FUNDING SOURCES	1,250,000	-	1,000,000	3,791,000	-	-	6,041,000

Project status and completed work

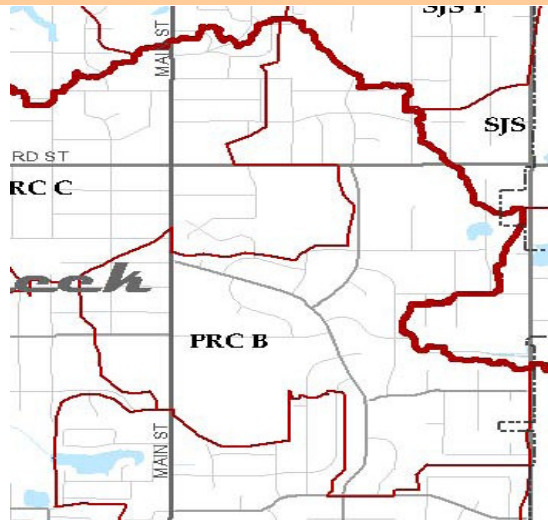
Detailed design began in 2008. Meetings with the Park District and affected residents were held. Construction of phase one - a trunk sewer on Fairmount - was completed in 2008. Detention basin construction is anticipated for 2009.

Grants (funded or applied for) related to the project.

None

Impact-annual operating expenses	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Map/Pictures of Project



Internal staff information:

Priority Score	1	Priority Setting Factor: H/S/W	73	Project Manager:	Michael D. Millette
Priority Status:	High	Program:	347	Department:	Public Works