

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
AUGUST 11, 2009 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Change Order: Washington Park Stormwater Improvement Project (CIP Project SW-042)	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 Copenhaver Construction, Inc. of Gilberts, Illinois, for the Washington Park Stormwater Improvement Project (SW-042) in the amount of \$75,958.00.

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 amount of the proposed change order, \$75,958.00, would increase the existing contract amount from \$2,872,663.00 to \$2,948,621.00. The Village's proposed portion of this change order is \$35,958.00, with the remaining amount of \$40,000 to be paid by the project's design consultant, Christopher B. Burke Engineering, Inc., and the Downers Grove Park District. This would increase the Village's contract portion of the project costs from \$2,789,888.00 to \$2,825,846.00.

The budget for all planned projects within the St. Joseph North, Subwatershed E (SW-042) is \$9,250,000 and spans three fiscal years (FY09, FY10 and FY11). The FY09 budget includes \$2,300,000 for the Washington Park project. The proceeds from the stormwater bond issuance of 2008 will be used to pay for this project. Per the terms of the Intergovernmental Agreement (IGA) with the Downers Grove Park District, the original Village contract portion of the costs would be \$2,789,888 and the Park District portion of the costs would be \$82,775.

RECOMMENDATION

Approval on the August 18, 2009 consent agenda.

BACKGROUND

On April 7, 2009, the Village Council awarded a contract to Copenhaver Construction, Inc. of Gilberts, IL, for the Washington Park Stormwater Improvement Project (SW-042). The contract is to provide stormwater detention in the form of two separate detention facilities located within the northwest and southeast areas of Washington Park. The detention facilities, in conjunction with other projects proposed for the St. Joseph North E Subwatershed, will alleviate drainage issues and will allow many of the poorly-drained depressional areas to drain more efficiently.

In 2008 the Village and Park District executed an IGA that requires the Village to design and construct certain recreational improvements in exchange for the use of the land for stormwater improvements. The recreational improvements include new playgrounds, picnic area, fountain, new soccer and baseball fields with underdrain and irrigation systems, and various park amenities.

The contractor has submitted the first change order associated with the Washington Park Stormwater Improvement Project. The total amount of the proposed change order, \$75,958.00, would increase the existing contract amount from \$2,872,663.00 to \$2,948,621.00. The proposed change order includes additional costs for the following items:

- The removal and replacement or additional public sidewalk along Elm Street and Franklin Street.
- The removal and disposal of unsuitable soils that were encountered while excavating for the northwest basin.
- The placement of engineered fill material where unsuitable material was encountered.
- The removal of an existing baseball backstop.
- An upgraded of the pole and shelter light color per the Downers Grove Park District.
- The addition of drainage for all retaining walls.

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

- A contractor-agreed quantity adjustment for earth excavation and furnished excavation that are below plan quantity for the northwest basin.
- A contractor-agreed quantity adjustment for earth excavation and furnished excavation that are below plan quantity for the southeast basin.
- A reduction of hot mix asphalt surface removal for the existing parking lot.

ATTACHMENTS

Change Order #1 – Washington Park Stormwater Improvement Project (two sheets)
Capital Project Sheet (SW-042)



Village of Downers Grove Change Order

Project Name: Washington Park Storm Water Improvements **Date:** 7/30/2009
Project No: SW-042-09 **No:** 1
Contractor: Copenhaver Construction, Inc.

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

Credits for following pay items: EARTH EXCAVATION (NW BASIN), FURNISHED EXCAVATION (NW BASIN), EARTH EXCAVATION (SE BASIN), FURNISHED EXCAVATION (SE BASIN), and HOT-MIX ASPHALT SURFACE REMOVAL, 1/2". Additions for following pay items: SIDEWALK REMOVAL, PCC SIDEWALK 5". Additions for following, new pay items: UNSUITABLE EXCAVATION, BACKSTOP REMOVAL, ENGINEERED FILL, UPGRADED POLE AND SHELTER LIGHT COLOR, RETAINING WALL DRAIN SYSTEM, STONE AND CONC. FOR CONFLICTS.

The original contract sum was:.....	(1)	\$ 2,872,663.00
Net amount of previous change orders:.....	(2)	
Current contract amount (1) + (2):.....	(3)	\$ 2,872,663.00
This Proposed Change Order:.....	(4)	\$ 75,958.00
Proposed Revised Contract Amount (3) + (4):.....	(5)	\$ 2,948,621.00

Net of Change Orders Pending Approval (2) + (4): \$ 75,958.00
Budget Estimate:..... \$ 2,500,000.00
Original Completion Date:..... 12/11/2009
Time Extension or Reduction:..... 0 days
Total Contract Time (Pending Approval):..... 12/11/2009

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: Washington Park Storm Water Improvements

Date: 7/30/2009

Project No: SW-042-09

No: 1

<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>
20200100	EARTH EXCAVATION (NW BASIN)	18,260.0	CU YD	(1,230.9)	17,029.1	\$20.00	(\$24,618.00)
20400800	FURNISHED EXCAVATION (NW BASIN)	770.0	CU YD	(770.0)	0.0	\$10.00	(\$7,700.00)
20200100	EARTH EXCAVATION (SE BASIN)	14,260.0	CU YD	(527.5)	13,732.5	\$20.00	(\$10,550.00)
20400800	FURNISHED EXCAVATION (SE BASIN)	120.0	CU YD	(120.0)	0.0	\$10.00	(\$1,200.00)
44000100	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	1,300.0	SQ YD	(1,300.0)	0.0	\$7.00	(\$9,100.00)
44000600	SIDEWALK REMOVAL	800.0	SQ FT	2,937.5	3,737.5	\$2.00	\$5,875.00
20400800	PCC SIDEWALK 5"	8,800.0	SQ FT	4,387.5	13,187.5	\$6.00	\$26,325.00
X1	UNSUITABLE EXCAVATION (NW BASIN)	0.0	LOAD	166.0	166.0	\$175.00	\$29,050.00
X2	BACKSTOP REMOVAL	0.0	EACH	1.0	1.0	\$3,200.00	\$3,200.00
X3	ENGINEERED FILL	0.0	CU YD	200.0	200.0	\$5.00	\$1,000.00
X4	UPGRADE POLE AND SHELTER LIGHT COLOR	0.0	EACH	1.0	1.0	\$1,176.00	\$1,176.00
X5.1	RETAINING WALL DRAIN SYSTEM (TYPE 1)	0.0	LSUM	1.0	1.0	\$9,000.00	\$9,000.00
X5.2	RETAINING WALL DRAIN SYSTEM (TYPE 2)	0.0	LSUM	1.0	1.0	\$28,000.00	\$28,000.00
X5.3	RETAINING WALL DRAIN SYSTEM (TYPE 3)	0.0	LSUM	1.0	1.0	\$18,000.00	\$18,000.00
X5.4	RETAINING WALL DRAIN SYSTEM (TYPE 4)	0.0	LSUM	1.0	1.0	\$3,600.00	\$3,600.00
X5.5	RETAINING WALL DRAIN SYSTEM (TYPE 5)	0.0	LSUM	1.0	1.0	\$2,400.00	\$2,400.00
X6	STONE AND CONCRETE FOR CONFLICTS	0.0	LSUM	1.0	1.0	\$1,500.00	\$1,500.00
TOTAL PRICE ADJUSTMENT:							\$75,958.00

2009-2013 Capital Project Sheet

Project # **SW-042**

Project Description **Watershed Improvements, St. Joseph N. Br., Sub E**

Project summary, justification and alignment to Strategic Plan

Improvements are included in the Watershed Infrastructure Improvement Plan. This project involves bank stabilization of approximately 2,200 centerline feet of the North Branch of St. Joseph Creek (4,400 linear feet of stream bank) between Cumnor Road and Stanley Avenue (extended). Erosion in some areas of the project is threatening the loss of street and railroad right-of-way. The shear drop and unstable bank also cause concern over safety of pedestrians and automobiles. 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				FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Future Years	TOTAL
	New	Maintenance	Replacement							
Professional Services		x		100,000	200,000	75,000			415,000	790,000
Land Acquisition	x			350,000						350,000
Infrastructure		x		2,050,000	3,800,000	2,550,000			9,500,000	17,900,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				2,500,000	4,000,000	2,625,000	-	-	9,915,000	19,040,000

Funding Source(s)		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Future Years	TOTAL
243-Stormwater Fund	▼	2,500,000	4,000,000	2,625,000			9,915,000	19,040,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		2,500,000	4,000,000	2,625,000	-	-	9,915,000	19,040,000

Project status and completed work

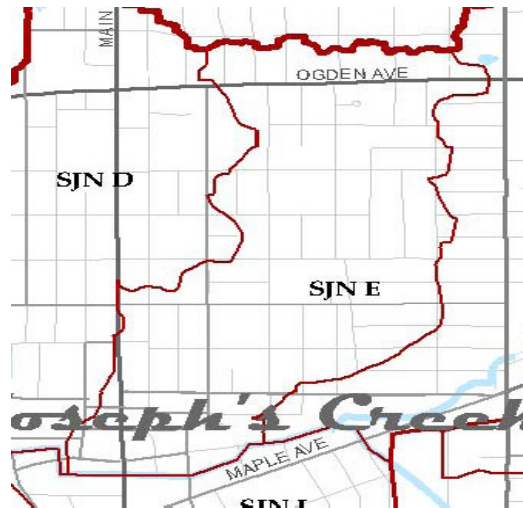
Detailed design began in 2008. Meetings with the Park District and affected residents were held. Construction is anticipated to begin in 2009.

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	81	Project Manager:	Michael D. Millette
Priority Status:	High	Program:	347	Department:	Public Works	