

**VILLAGE OF DOWNERS GROVE**  
**REPORT FOR THE VILLAGE COUNCIL WORKSHOP**  
**JUNE 24, 2008 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
Bid: Prentiss Creek Subwatershed B Storm Sewer Improvements, Fairmount Storm Sewer Repairs and Sunridge Subdivision Watermain Replacement	Resolution Ordinance ✓ Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

**SYNOPSIS**

A motion is requested authorizing the execution of a contract for the Prentiss Creek Subwatershed B Storm Sewer, Fairmount Storm Sewer Repairs and Sunridge Subdivision Watermain Replacement in the amount of \$3,269,970.60 to Brothers Asphalt Paving, Inc. of Addison, Illinois. This proposed amount includes Alternate Bid #1, detailed below.

**STRATEGIC PLAN ALIGNMENT**

The Five Year Plan and Goals for 2007-2012 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 FY08 Stormwater Improvement Fund includes \$3,615,000 for these three projects. The proposed contract is \$345,029.40 under budget. To date, \$148,517 has been used for design work and \$100,000 will be reserved for resident engineering services. The project will be \$96,512.40 under budget.

**RECOMMENDATION**

Approval on the July 1, 2008, consent agenda. Staff recommends the contract include Alternate Bid #1 for pavement resurfacing.

**BACKGROUND**

The improvements in this contract include the replacement of watermain within the Sunridge Subdivision, replacement/restoration of storm sewer on Fairmount from 61<sup>st</sup> Street to 67<sup>th</sup> Street, and replacement of a rear yard storm sewer system north of Oxford, east of Lyman. The work will consist of approximately 7,000 linear feet of eight-inch diameter ductile iron water main, replacement of approximately 154 residential water services, replacement of 3,900 linear feet of storm sewer pipe, restoration of 1,100 linear feet of storm sewer pipe, and 33,000 square yards of pavement resurfacing. The project includes the replacement of the existing six-inch watermain with an eight-inch watermain, which is required due to the age of the pipe. This will prevent costs related to numerous main breaks and increase water flow to hydrants in the area.

Flooding occurs on Fairmount between 61<sup>st</sup> Street and 63<sup>rd</sup> Street due to a back-pitched pipe and an undersized storm sewer system. Surcharging storm sewers were observed during the October 2006

storm event, and Village staff has indicated that this is an area of recurring street flooding. The project includes correcting the pipe profile and upsizing the existing system to alleviate flooding issues. All new inlets will be constructed with high-capacity grates.

Street and yard flooding occur frequently on Fairmount between 63<sup>rd</sup> Street and 67<sup>th</sup> Street. The area has numerous low spots with no effective natural drainage outlet. A poorly-drained depressional area is located in the rear yards bordered by Lyman Avenue and Fairmount Avenue. The intersection of Fairmount Avenue and Oxford Street is a recurring flooding problem area; the areas near Briargate Drive and Fairmount Avenue as well as Oxford Street and Blackstone Drive have documented flooding problems. The project includes replacing/upsizing the existing, poorly-conditioned storm sewer to alleviate flooding issues. All new inlets will be constructed with high-capacity grates. Although replacing/upsizing the storm sewer system in this area will alleviate existing flooding conditions, full benefits will not be experienced until the detention facility at McCollum Park is constructed.

This project involves the restoration of a failing clay storm sewer near 63<sup>rd</sup> Street and Fairmount Avenue. A slip-lining procedure will be used to prevent costs associated with sinkhole repairs and will prolong the effective pipe life.

The Alternate Bid #1 includes pavement resurfacing for the area roads affected by the watermain and storm sewer replacement construction. Pavement in the area is in poor shape; because the Alternate Bid is below the budgeted amount, staff recommends including it in the contract.

Bids for the Prentiss Creek Subwatershed B Storm Sewer, Fairmount Storm Sewer Repairs and Sunridge Subdivision Watermain Replacement Project were received on June 10, 2008. A total of eight bids were received. The low bid received was from Brothers Asphalt Paving, Inc. of Addison, Illinois. A summary of bids received is as follows:

<b>Contractor</b>	<b>Base Bid</b>	<b>Alternate #1</b>	<b>Total Bid</b>
A. Lamp Contractors	\$3,043,317.60	\$553,102.75	\$3,596,420.35
Bolder Contractors	\$2,960,589.05	\$594,318.91	\$3,554,907.96
<b>Brothers Asphalt</b>	<b>\$2,733,145.50</b>	<b>\$536,825.10</b>	<b>\$3,269,970.60</b>
Fiordirosa Construction	\$3,620,404.00	\$570,767.75	\$4,191,171.75
Martam Construction	\$3,428,466.00	\$709,405.00	\$4,137,871.00
Ruffolo Construction	\$3,620,872.60	\$706,140.20	\$4,327,012.80
Swallow Construction	\$3,150,000.00	\$601,955.75	\$3,751,955.75
Trine Construction	\$2,922,636.50	\$580,587.30	\$3,503,223.80

This project is identified as a High priority project in the Watershed Infrastructure Improvement Plan.

Brothers Asphalt Paving, Inc. has performed similar work for other municipalities including Addison, Villa Park, and Wood Dale and received satisfactory reviews.

#### **ATTACHMENTS**

CIP Sheets

Contract Form

# 2008-2012 CAPITAL PROJECT SHEET

Proj. #: WA-016

Project Description: Watermain Replacement, Sunridge Subdivision

Project Lead: David Bird

Dept.: Public Works - Water

Fund: 481

Program: 393

Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:		X			X			2

## BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	50,000						50,000
Land Acquisition							-
Infrastructure Improvements	1,750,000						1,750,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>1,800,000</b>	-	-	-	-	-	<b>1,800,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
481-Water Fund ▼	1,800,000						1,800,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>1,800,000</b>	-	-	-	-	-	<b>1,800,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

This project includes the replacement of the existing 6" watermain with an 8" watermain which is required due to the age of the pipe. This will increase water flow to hydrants in the area. Work will occur on Briargate, Fairmount, Blackstone, 65th, and 67th.

**2. Describe the project status and completed work.**

No work has started. Construction estimate has been increased.

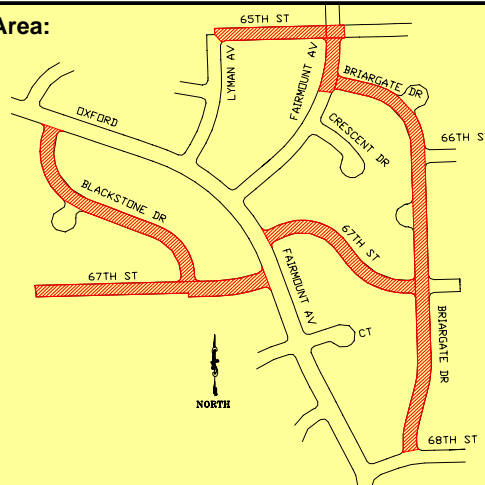
**3. Describe any anticipated grants related to the project.**

None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-
Reduced main break repairs and curb and street restorations.							

**Map and/or pictures of Project/Project Area:**



## 2008-2012 CAPITAL PROJECT SHEET

Proj. #: SW-034

Project Description: Watershed Improvements - Prentiss , Sub B (Fairmount)

Project Lead: Michael D. Millette Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:	X						X	1

### BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	100,000	100,000			141,000		341,000
Land Acquisition		25,000					25,000
Infrastructure Improvements	1,400,000	1,125,000		1,000,000	3,650,000		7,175,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>1,500,000</b>	<b>1,250,000</b>	-	<b>1,000,000</b>	<b>3,791,000</b>	-	<b>7,541,000</b>
Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	1,500,000	1,250,000		1,000,000	3,791,000		7,541,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>1,500,000</b>	<b>1,250,000</b>	-	<b>1,000,000</b>	<b>3,791,000</b>	-	<b>7,541,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

Improvements 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.

**2. Describe the project status and completed work.**

New project in FY2008.

**3. Describe any anticipated grants related to the project.**

None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Map and/or pictures of Project/Project Area:

# 2008-2012 CAPITAL PROJECT SHEET

Proj. #: DR-015

Project Description: Storm Sewer Repairs - Fairmount from 62nd Ct. to 65th

Project Lead: Jonathan C. Hall Dept.: Public Works

Fund: 243 Program: 343 Project Type:  New Project/Expansion  Changed  
 Replacement  Maintenance

Priority Setting Factors:	H/S/W	Maint.	Expan.	New	Low	Medium	High	OVERALL
Rating:		X			X			2

## BREAKDOWN OF PROJECT COST AND FUNDING SOURCES

Cost Summary	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Professional Services	15,000						15,000
Land Acquisition							-
Infrastructure Improvements	300,000						300,000
Building Improvements							-
Machinery and Equipment							-
Other/Miscellaneous							-
<b>TOTAL COST</b>	<b>315,000</b>	-	-	-	-	-	<b>315,000</b>

Funding Source(s)	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
243-Stormwater Improvement Fund ▼	315,000						315,000
▼							-
▼							-
▼							-
<b>TOTAL FUNDING SOURCES</b>	<b>315,000</b>	-	-	-	-	-	<b>315,000</b>

**1. Briefly Describe and provide justification for this Capital Project Request.**

This project involves the replacement of a failing clay storm sewer. A slip-lining procedure will also be investigated which could prove more cost effective.

**2. Describe the project status and completed work.**

No work has started. Project has been moved forward. Construction estimate has been increased by \$50,000 to allow for extension of the original scope of work to 62nd Ct.

**3. Describe any anticipated grants related to the project.**

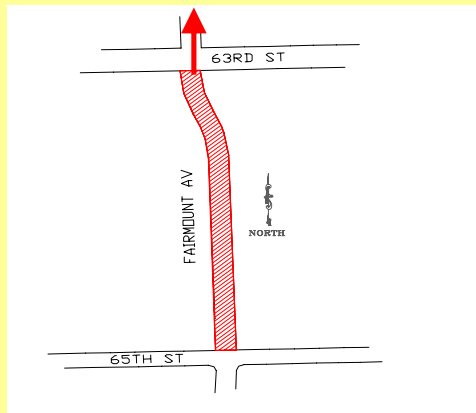
None

**4. What impact will the project have on annual operating expenses? Please quantify and describe.**

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	Future Yrs	TOTAL
Projected Operating Expenses	-	-	-	-	-	-	-

Completion will help prevent costs of additional sinkhole repairs and prolong the effective pipe life.

**Map and/or pictures of Project/Project Area:**



Village of Downers Grove

**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:**

Brothers Asphalt Paving, Inc.  
Company Name

6-10-08  
Date

315 S. Stewart Avenue  
Street Address of Company

brosasphalt@sbcglobal.net  
E-mail Address

Addison, IL 60101  
City, State, Zip

Nick Colella  
Contact Name (Print)

(630) 458-1762  
Business Phone

(630) 675-6701  
24-Hour Telephone

(630) 458-1763  
Business Fax

*Nick Colella*  
Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

Natalia Colella  
Signature of Corporation Secretary

Nick Colella / President  
Print Name & Title

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within 180 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 (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:**

Brothers Asphalt Paving, Inc  
Company Name

6-10-08  
Date

315 S. Stewart Avenue  
Street Address of Company

brosasphalt@sbcglobal.net  
E-mail Address

Addison, Il. 60101  
City, State, Zip

Nick Colella  
Contact Name (Print)

(630) 458-1762  
Business Phone

(630) 675-6701  
24-Hour Telephone

(630) 458-1763  
Business Fax

*Nick Colella*  
Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

Nick Colella / President  
Print Name & Title

*Natalia Colilla*  
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 180 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

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