



# CITY OF RAPID CITY

## Public Works

300 Sixth Street

Rapid City, SD 57701-2724

Telephone: 605-394-4165

Fax: 605-355-3083

### MEMORANDUM

PW021009-06

TO: City of Rapid City Council and Mayor Alan Hanks

PW021009-07

FROM: Robert Ellis, P.E.  
Public Works Director

PW021009-08

PW021009-09

SUBJECT: Pankratz - SDDOT Eglin Street Realignment DEV 06-825, P  
3230(00)43, DDI No. 05-0404

DATE: February 3, 2009

Dr. Duane Pankratz has requested City of Rapid City reimbursement for water and sewer main installation completed as part of the SDDOT Eglin St. construction project. The documentation submitted by Dream Design International on behalf of Dr. Pankratz has been reviewed and the following conclusions are offered:

1. A sanitary sewer oversize payment of \$15,085.22 appears to be reasonable and falls within the guidelines of the City oversize definition. After the P.O. has been issued staff will prepare a Construction Fee Resolution for Council consideration to potentially recoup this expense.
2. A request to be reimbursed \$71,887.21 for water main reconstruction associated with the new Eglin St./Lowery Lane intersection, which is located north of the DM&E Railroad and offsite of the Pankratz property, has been reviewed and appear reasonable. The costs to complete this work are reasonable and staff recommends Council authorization to prepare a Purchase Order for \$71,887.21 to Dr. Pankratz for water main reconstruction. Staff proposes funding the \$71,887.21 from the water enterprise fund 602/933/4381.
3. A request to present a Sewer Construction Fee Resolution for Council consideration on behalf of Dr. Pankratz has been reviewed and appears reasonable. This resolution is intended to reimburse Dr. Pankratz \$62,298.90 for offsite sewer main improvements north of the DM&E Railroad and offsite of the Pankratz property. The offsite sewer main construction was necessary in order for the Pankratz property to have City sewer service.



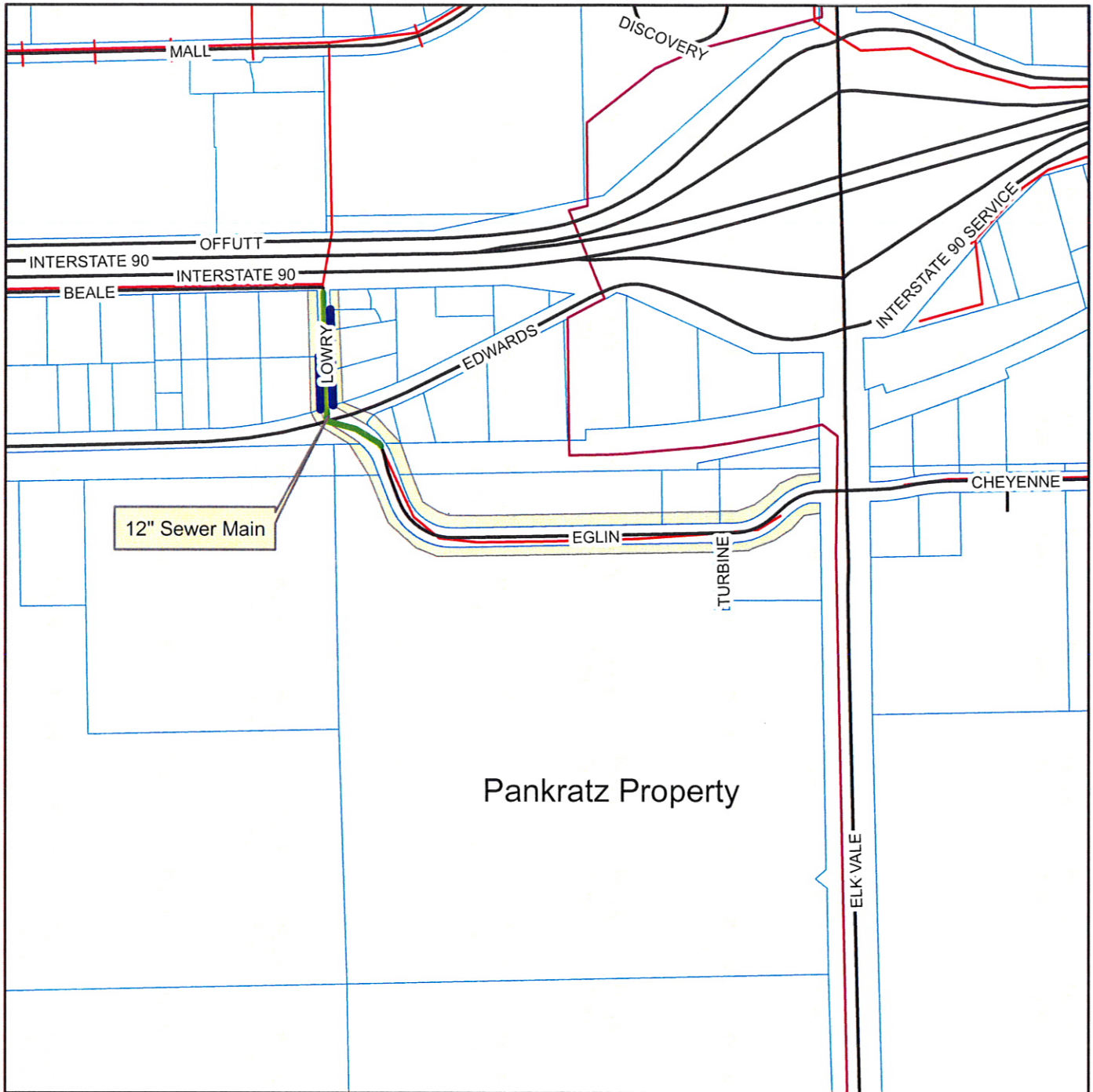
EQUAL OPPORTUNITY EMPLOYER

# Exhibit A

PW021009-06





PW021009-08

PW021009-09




## PANKRATZ SEWER MAIN SEWER CONNECTION FEE BENEFITING AREA

### Legend

-  Benefiting Frontage
-  12" Sewer Main
-  Existing Sewer Gravity Main
-  Existing Sewer Pressurized Main



0 500 1,000



1 inch = 750 feet

RECEIVED

JAN 07 2009



DREAM DESIGN INTERNATIONAL, INC.

CIVIL ENGINEERING • LANDSCAPE ARCHITECTURE  
LAND DEVELOPMENT • CONSTRUCTION ADMINISTRATION

RAPID CITY  
PUBLIC WORKS

January 6, 2009

Mr. Robert Ellis  
Public Works Director  
City of Rapid City  
300 Sixth Street  
Rapid City, SD 57701

PW021009-06

PW021009-07

PW021009-09

**Re: Oversize payment Request**

Dear Mr. Ellis:

Attached are the requested costs for oversize along Lowery Lane and Eglin Street water and sewer mains installed by Dr. Pankratz in conjunction with the DOT project in that area.

This request is to recover the oversize costs include:

- 1- Sanitary sewer oversize costs which reflects the difference between the installed 24", 18", and 12" sanitary sewer mains and the required and needed 8". This line was installed to serve a large area beyond the developer's property. Costs requested for this item are \$15,085.22
- 2- Water main outside developer's property which is due to the reconstruction of Eglin Street as part of Exit61 reconstruction. A loop to the new Eglin to connect to Elk Vale road was also built outside the developer's property. This water main loop improved the reliability and efficiency of the City's water distribution system within this area. This loop was not necessary to satisfy fire flow requirements within the developer's property. The total costs for these improvements are \$71,887.21

We included the spreadsheets for your file to reflect these costs.

We thank you for your help in this matter. Please contact us if you need any additional information.

Sincerely,  
DREAM DESIGN INTERNATIONAL, INC.

Hani Shafai, PE  
President

CC: Dale Tech, Engineering Division Manager

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528 Kansas City Street, Suite 4, Rapid City, SD 57701

Telephone: (605) 348-0538, Fax: (605) 348-0545, Email: engineers@dreamdesigninc.com

**OVERSIZE REIMBURSEMENT REQUEST**

1/6/2009

<b>EGLIN STREET OVERSIZE &amp; OFF-SITE UTILITY SUMMARY</b>					
<b>ITEM</b>	<b>ITEM</b>	<b>UNITS</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>Total</b>
	<b>Sanitary Sewer (Oversize Costs - Overall Basin)</b>				
CCO	18" PVC Sewer Pipe (Oversize Difference)	LF	336	\$ 8.75	\$ 2,940.00
CCO	24" PVC Sewer Pipe (Oversize Difference)	LF	14	\$ 9.23	\$ 129.22
29	12" PVC Sewer Pipe (Oversize Difference)	LF	2630	\$ 3.20	\$ 8,416.00
48	60" Manhole (Oversize Difference)	EA	1	\$ 3,600.00	\$ 3,600.00
	<b>Subtotal</b>				<b>\$ 15,085.22</b>

**OVERSIZE REIMBURSEMENT REQUEST**

1/6/2009

<b>EGLIN STREET OVERSIZE &amp; OFF-SITE UTILITY SUMMARY</b>					
<b>ITEM</b>	<b>ITEM</b>	<b>UNITS</b>	<b>QUANTITY</b>	<b>Unit</b>	<b>Total</b>
	<b>Water (North of Railroad Tracks - 100% Oversize)</b>				
24	24" Steel Encasement Pipe	LF	65	\$ 105.00	\$ 6,825.00
27	12" PVC Water Main	LF	436	\$ 26.30	\$ 11,466.80
31	12 x 12 x 12 tee	EA	1	\$ 1,050.00	\$ 1,050.00
33	12" 45 Degree Bend	EA	5	\$ 710.00	\$ 3,550.00
38	12" Gate Valve with Box	EA	5	\$ 2,950.00	\$ 14,750.00
40	Standard Fire Hydrant	EA	1	\$ 4,300.00	\$ 4,300.00
44	Bore and Jack 24" Pipe	LF	65	\$ 165.00	\$ 10,725.00
45	Cut and tie to exist. Water main	EA	1	\$ 7,900.00	\$ 7,900.00
46	Corrosion protection	LF	417	\$ 6.59	\$ 2,748.03
*CCO	Remove Existing Hydrant & Relocate	LS	1	\$ 8,572.38	\$ 8,572.38
	<b>TOTAL</b>				<b>\$ 71,887.21</b>

**Balance Due This Request** **\$ 71,887.21**

Note \*CCO - Fire Hydrant removal and replacement work complete and Owner is to pay Contractor for work complete.

See Project Plan Sheets 6, 7, and 15 for the work items included in the above oversize calculations.

Some of these items are due to realignment of Eglin Street as part of the reconstruction of EXIT 61.

Other items are for the creation of a water main loop to make the water distribution system more reliable and efficient