

CIP DESIGN AND ENGINEERING MEMORANDUM

08-12

May 8, 2008

TO: Honorable Mayor Kathleen M. Novak and City Council Members

FROM: A.J. Krieger, City Manager *AK*
Kurt Kowar, CIP Design and Engineering Manager *KK*
Joliette Woodson, Civil Engineer II *JW*

SUBJECT: CR-75-2008 and CR-76-2008, Street Improvements Contracts Award

RECOMMENDATION:

Attached to this memorandum is a Resolution which, if approved, would authorize the Mayor to execute a contract between the City of Northglenn and Quality Paving Company for the 2008 Street Improvements Project in the amount of \$841,723.00 and authorize a contingency in the amount of \$84,172.00. A second Resolution is attached which, if approved would authorize the Mayor to execute a contract between the City of Northglenn and A-1 Chipseal Company for the 2008 Street Improvements Project in the amount of \$904,031.00 and authorize a contingency in the amount of \$90,403.00. Staff recommends approval of the proposed Resolutions.

BACKGROUND:

City Council has directed Staff to address needed repairs and maintenance to several arterial and collector streets throughout the City. The proposed 2008 Street Improvements project includes double bonded hot applied chip seal, crack seal, patching, and concrete repair as well as the replacement of damaged sections of concrete trail throughout the City.

On April 7, 2008, the City accepted two (2) formal bids. One bid was received from Quality Paving Company in an amount of \$1,422,849.83 and the other from A-1 Chipseal Company in the amount of \$1,985,832.53. Though Quality Paving Company was the low bid contractor, their bid did not include the double bonded hot applied chip seal; a process that is specific to A-1 Chipseal Company and its sub-contractors. If the City accepted the bid from A-1 Chipseal Company, the cost of the contract including a 10% contingency would come close to exceeding the available funds. After reviewing the bids, Staff consulted with the City Attorney and determined that splitting the work into two phases and executing two contracts was acceptable.

Phase I will include crack seal repair, patching and leveling which are necessary maintenance activities prior to chip seal operation. Phase I will also include citywide concrete trail repairs which will be funded out of the 2008 Greenway Trail Concrete Replacement Fund. Quality Paving Company has completed similar projects with the City of Northglenn and other municipalities. Staff, therefore, recommends contracting with Quality Paving Company to complete this initial portion of the work.

Phase II will include the double bonded hot applied chipseal resurfacing which will extend pavement life 5-8 years for Washington Street, Irma Drive, Croke Drive., E. 112th Avenue and Community Center Drive. There are only two chipseal contractors in Colorado, and only A-1 Chipseal Company does work in the metro area. A-1 Chipseal Company has successfully completed chipseal projects in

the Cities of Northglenn, Westminster, Thornton, Broomfield, and Denver. Therefore, Staff recommends contracting with A-1 Chipseal Company to complete this final portion of the work.

By splitting the contract the City will save approximately \$200,000 in project costs. Staff recommends contracting with Quality Paving Company to complete Phase I and A-1 Chipseal Company to complete Phase II.

POTENTIAL OBJECTION:

City Staff is not aware of any specific opposition to the proposed Resolutions.

BUDGET/TIME IMPLICATIONS:

The budget as proposed for the Quality Paving Company contract is \$841,723.00 with a contingency in the amount of \$ 84,172.00 for a total of \$925,895.00. This contract will be funded out of the following accounts:

- \$825,895.00 from the 2008 Capital Projects Fund (Account No. 410.69211.000.3999.103)
- \$100,000.00 from the 2008 Greenway Trail Concrete Replacement Fund (Account No. 210.69236.000.3999.465)

The budget as proposed for the A-1 Chipseal Company contract is \$904,031.00 with a contingency in the amount of \$90,403.00 for a total of \$994,434.00. This contract will be funded out of the following accounts:

- \$981,269.00 from the 2008 Capital Projects Fund (Account No. 410.69211.000.3999.103)
- \$13,165.00 from the 2008 Manhole and Water Valve Adjustment Fund (Account No. 516.69211.000.3999.656).

The total budget for the project including contingencies is 1,920,329.00.

STAFF REFERENCE:

Please contact Kurt Kowar, CIP Design and Engineering Manager at kkowar@northglenn.org, or (303) 349-3772.

SPONSORED BY: COUNCIL MEMBER MONROE

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-75
Series of 2008

Series of 2008

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND QUALITY PAVING COMPANY FOR THE 2008 STREET IMPROVEMENTS PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

The Agreement between the City of Northglenn and Quality Paving Company, attached hereto, for the 2008 Street Improvements Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED, at Northglenn, Colorado, this _____ day of _____, 2008.

KATHLEEN M. NOVAK
Mayor

ATTEST:

JOHANNA SMALL, CMC
Acting City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

AGREEMENT

PROJECT NAME: 2008 STREET IMPROVEMENT PROGRAM

PROJECT NUMBER: **PROJECT MANAGER: Joliette Woodson**

THIS AGREEMENT, made this ____ day of _____, 20__, by and between the City of Northglenn, hereinafter called "CITY", and Quality Paving Company, hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the project named:

"2008 STREET IMPROVEMENT PROGRAM"
2. The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor supervision, and other services necessary for the completion of the PROJECT described herein.
3. The CONTRACTOR will provide performance and payment bonds and a certificate of insurance naming the City as an additional insured for purposes of said project within 10 days after the date of the NOTICE OF AWARD.
4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$841,722.15, or as shown in the attached proposal. The CONTRACTOR will commence the work within 7 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 150 calendar days after the date of NOTICE TO PROCEED unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.
5. The term "CONTRACT DOCUMENTS" means and includes all items as set forth in Section 1.01 of the General Conditions.
6. The CITY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.
7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in TWO copies, each of which shall be deemed an original on the date first above written.

CITY:

City of Northglenn
By _____
Name Kathleen M. Novak
Title Mayor

ATTEST:

Name Johanna Small
Title Acting City Clerk

(SEAL)

APPROVED AS TO FORM:

City Attorney

(SEAL)
ATTEST:

Karen S Rhea
Karen S Rhea
Name (Please Print or Type)
Title Secretary

CONTRACTOR:

By Eric Friend
Name ERIC FRIEND
(Please Type or Print)

Title VICE PRESIDENT OF SALES
Address 9700 ALTON WAY
HENDERSON, CO 80640

QUALITY PAVING CO.**WASHINGTON****BASE BID**

01	Leveling - SX 64-22	101 TON	\$95.00	\$	9,595.00
02	3" Patching - S 64-22	570 TON	\$80.00	\$	45,600.00
03	Hot Poured Crack Sealant	26,000 LB	\$0.79	\$	20,540.00
04	Mobilization	1 LS	\$9,990.00		\$9,990.00
07	Thermoplastic Pavement Marking	8,664 SF	\$1.65	\$	14,295.60
08	Preformed Thermoplastic Pavement Markings	5,380 SF	\$6.60	\$	35,508.00
09	Traffic Control	1 LS	\$40,524.00		\$40,524.00
10	30" Curb And Gutter R&R	380 LF	\$21.25	\$	8,075.00
14	Replace Concrete Pans	340 SY	\$67.25	\$	22,865.00
				\$	206,992.60

112TH

01	3" Patching - S 64-22	100 TON	\$80.00	\$	8,000.00
02	Grade S - 64-22	280 TON	\$80.00	\$	22,400.00
03	Hot Poured Crack Sealant	3,900 LB	\$0.79	\$	3,081.00
04	Mobilization	1 LS	\$5,238.00		\$5,238.00
07	Thermoplastic Pavement Marking	2,940 SF	\$1.65	\$	4,851.00
08	Preformed Thermoplastic Pavement Markings	1,225 SF	\$6.60	\$	8,085.00
09	Traffic Control	1 LS	\$19,200.00		\$19,200.00
10	30" Curb And Gutter R&R	200 LF	\$21.25	\$	4,250.00
13	1" Milling	5,025 SY	\$0.95	\$	4,773.75
14	Concrete Repair (Chase) At York	1 EACH	\$3,500.00	\$	3,500.00
15	3' Sidewalk With Hollywood Curb R&R	70 LF	\$36.95	\$	2,586.50
16	R&R Existing 3' Sidewalk	20 LF	\$17.55	\$	351.00
17	R&R Existing 4' Sidewalk	8 LF	\$23.60	\$	188.80
18	Remove Existing 10' Sidewalk	20 LF	\$9.10	\$	182.00
19	10' Concrete Sidewalk	20 LF	\$48.60	\$	972.00
20	Northglenn ADA Ramps - Type 1	2 EACH	\$1,100.00	\$	2,200.00
21	4' Sidewalk With C&G	30 LF	\$37.70	\$	1,131.00
22	4' Angled Chase	2 EACH	\$4,080.00	\$	8,160.00
23	Northglenn ADA Ramp - 5 (Linear)	2 EACH	\$1,170.00	\$	2,340.00
24	R&R Concrete Pans	300 SF	\$7.60	\$	2,280.00
				\$	103,770.05

COMMUNITY CENTER

01	3" Patching - S 64-22	300 TON	\$80.00	\$	24,000.00
02	Hot Poured Crack Sealant	10,000 LB	\$0.79	\$	7,900.00
03	Mobilization	1 LS	\$4,110.00		\$4,110.00
06	Thermoplastic Pavement Marking	8,544 SF	\$1.65	\$	14,097.60
07	Preformed Thermoplastic Pavement Markings	614 SF	\$6.60	\$	4,052.40
08	Traffic Control	1 LS	\$12,156.00		\$12,156.00
09	30" Curb And Gutter R&R	100 LF	\$21.25	\$	2,125.00
				\$	68,441.00

CROKE

01	3" Patching - S 64-22	300 TON	\$80.00	\$	24,000.00
02	Hot Poured Crack Sealant	10,000 LB	\$0.79	\$	7,900.00
03	Mobilization	1 LS	\$4,110.00		\$4,110.00
06	Thermoplastic Pavement Marking	630 SF	\$1.65	\$	1,039.50
07	Preformed Thermoplastic Pavement Markings	70 SF	\$6.60	\$	462.00
08	Traffic Control	1 LS	\$13,170.00		\$13,170.00
09	30" Curb And Gutter R&R	100 LF	\$21.25	\$	2,125.00
13	Replace Concrete Pans	220 SY	\$67.25	\$	14,795.00
14	R&R Existing 4' Sidewalk	10 LF	\$23.60	\$	236.00
				\$	67,837.50

IRMA

01	3" Patching - S 64-22	600 TON	\$80.00	\$	48,000.00
02	Hot Poured Crack Sealant	11,000 LB	\$0.79	\$	8,690.00
03	Mobilization	1 LS	\$4,560.00	\$	4,560.00
06	Thermoplastic Pavement Marking	1,050 SF	\$1.65	\$	1,732.50

07	Preformed Thermoplastic Pavement Markings	280 SF	\$6.60	\$	1,848.00
08	Traffic Control	1 LS	\$15,198.00	\$	15,198.00
09	Hollywood C&G	100 LF	\$23.65	\$	2,365.00
				\$	82,393.50

CRACKSEAL

01	Crackseal Grant: Malley East To 104th	20,000 LB	\$0.79	\$	15,800.00
02	Crackseal Leroy: Coring To Irma	3,000 LB	\$0.79	\$	2,370.00
03	Crackseal Garland: Grant To Larson	7,000 LB	\$0.79	\$	5,530.00
04	Crackseal Malley: Community Center To Washing	8,000 LB	\$0.79	\$	6,320.00
05	Crackseal Naid: Livingston To Huron	6,000 LB	\$0.79	\$	4,740.00
06	Crackseal Melody: Huron To Belford	6,000 LB	\$0.79	\$	4,740.00
07	Crackseal Ura: Varese To Pecos	6,000 LB	\$0.79	\$	4,740.00
08	Crackseal Larson: Phillips To Malley	5,000 LB	\$0.79	\$	3,950.00
09	Crackseal Muriel: Washington To Irma	10,000 LB	\$0.79	\$	7,900.00
10	Crackseal E. 105th Place: Washington To Irma	13,000 LB	\$0.79	\$	10,270.00
11	Crackseal Phillips Drive: Washington To Irma	9,000 LB	\$0.79	\$	7,110.00
12	Crackseal Larson Drive: E. 112th To Muriel	15,000 LB	\$0.79	\$	11,850.00
13	Crackseal Melody Drive: W. 112th To Kennedy	10,000 LB	\$0.79	\$	7,900.00
14	Mobilization And Traffic Control Per Site	13 EACH	\$2,450.00	\$	31,850.00
				\$	125,070.00

HURON

01	Concrete Crackseal	7,000 LF	\$3.15	\$	22,050.00
02	Concrete Paving Patching	50 SF	\$75.00	\$	3,750.00
03	Mobilization	1 LS	\$250.00	\$	250.00
04	Traffic Control	1 LS	\$2,500.00	\$	2,500.00
				\$	28,550.00

HURON STREET

01	Concrete Crackseal	250 LF	\$3.15	\$	787.50
02	Concrete Paving Patching	50 SF	\$75.00	\$	3,750.00
03	Mobilization	1 LS	\$250.00	\$	250.00
04	Traffic Control	1 LS	\$2,500.00	\$	2,500.00
				\$	7,287.50

TRAILS

01	104th EB: Pecos To Livingston	1,500 SF	\$5.50	\$	8,250.00
02	104th EB: Croke To Huron	4,500 SF	\$5.00	\$	22,500.00
03	104th: Huron To Melody	5,000 SF	\$5.00	\$	25,000.00
04	E. 112th: East And West Of Larson Drive	10,000 SF	\$5.00	\$	50,000.00
05	Tuck Lateral N. Of 100th Place	200 SF	\$5.50	\$	1,100.00
06	Trail From W. 116th To W. 115th (East Of Huron)	5,000 SF	\$5.00	\$	25,000.00
07	Grange Hall Creek Trail 100' West Of Washington	200 SF	\$5.50	\$	1,100.00
08	Grange Hall Creek Trail East Of Larson Drive	400 SF	\$5.50	\$	2,200.00
09	Alleyway Between The 107th Ave. Pedestrian Ove	400 SF	\$5.50	\$	2,200.00
10	Farmers Highline West Of Huron (Bridge Approac	220 SF	\$19.00	\$	4,180.00
11	Mobilization And Traffic Control Per Site	10 EACH	\$985.00	\$	9,850.00
				\$	151,380.00

TOTAL

Original Bid	\$ 1,422,849.83
Revised Bid	<u>\$ 841,722.15</u>
Net Difference	\$ (581,127.68)

\$ 841,722.15