

CIP DESIGN AND ENGINEERING MEMORANDUM

09-14

May 14, 2009

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

FROM: William A. Simmons, City Manager *WAS*
Amy Ward, Acting Logistics Manager *AW*

SUBJECT: CR-58, 2009 Street Improvements Contracts Award

RECOMMENDATION:

Attached to this memorandum is a Resolution which, if approved would:

- 1) authorize the Mayor to execute a contract between the City of Northglenn and Brannan, Sand & Gravel, LLC for the 2009 Street Improvements Project in the amount of \$741,860.00 and authorize a contingency in the amount of \$241,760.93.
- 2) authorize the City Manager to approve minor changes in the scope of work and execute relevant change orders up to the approved expenditure limit of \$983,620.93.

The total project cost is \$983,620.93. Staff recommends approval of the proposed Resolution.

BACKGROUND:

In the February 5, 2009 and March 5, 2009 Study Sessions, Staff presented the proposed 2009 Street Improvements to City Council for discussion and approval. As a result of these discussions, the 2009 Street Improvements Project will include the resurfacing of eight residential streets and one collector, miscellaneous concrete repair, manhole and valve adjustments, and Greenway Trail improvements throughout the City.

On April 27, 2009, the City accepted two (2) formal bids. One bid was received from Quality Paving Company in an amount of \$691,664.56 and the other from Brannon Sand & Gravel, LLC in the amount of \$661,858.26.

In the May 7, 2009 Study Session, Staff presented options for use of the remaining funds in the Capital Projects Fund. City Council selected the option of adding milling and resurfacing of the Huron St. thru lanes from 104th Avenue to Kennedy Dr. to the contract. This work is included in the contract total. Staff is requesting a 33% contingency to address additional concrete repairs, additional milling and resurfacing that may be used on Huron St. north of Kennedy Dr. and traffic loop replacements that are required by the milling operation. A copy of the bid tabulation and the standard construction agreement are attached.

POTENTIAL OBJECTION:

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

BUDGET/TIME IMPLICATIONS:

The budget as proposed for the Brannon Sand & Gravel, LLC contract is \$741,860.00 with a contingency in the amount of \$241,760.93 for a total of \$983,620.93. This contract will be funded out of the following accounts:

-\$674,931.88 for the contract and \$235,068.12 in contingency from the Capital Projects Fund (Account No. 410.69211.000.3999.103) that has an approved budget of \$910,000.

-\$63,843.24 for the contract and \$6,384.32 in contingency for Greenway Trail Concrete Replacement from the Conversation Trust Fund (Account No. 210.69236.000.3999.465) that has an approved budget of \$175,000.

-\$3,084.88 for the contract and \$308.49 in contingency for Manhole and Water Valve Adjustments from the Water and Wastewater Fund (Account No. 516.69211.000.3999.656) that has an approved budget of \$25,000.

STAFF REFERENCE:

Please contact Amy Ward, Acting Logistics Manager at award@northglenn.org, or (303) 450-8837.

SPONSORED BY: MAYOR NOVAK

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-58
Series of 2009

Series of 2009

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND BRANNAN SAND & GRAVEL, LLC FOR THE 2009 STREET IMPROVEMENTS PROJECT

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

Section 1. The Agreement between the City of Northglenn and Brannan Sand & Gravel, LLC, attached hereto, in the amount of \$741,860.00 with a contingency of \$241,760.93 for a total amount not to exceed \$983,620.93 for the 2009 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 _____, 2009.

KATHLEEN M. NOVAK
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

AGREEMENT

PROJECT NAME: 2009 Street Improvements Project

PROJECT NUMBER: 2009 IFB-09 PROJECT MANAGER: Joliette Woodson

THIS AGREEMENT, made this ____ day of _____, 20__, by and between the City of Northglenn, hereinafter called "CITY", and Brannan Sand & Gravel, LLC, 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:

"2009 Street Improvements Project"

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 \$741,860.00, or as shown in the BID schedule. The CONTRACTOR will commence the work within 10 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 60 working 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 _____

Title City Clerk

(SEAL)

APPROVED AS TO FORM:

Corey Y. Hoffmann, City Attorney

(SEAL)

ATTEST:

Name (Please Print or Type)

Title _____

CONTRACTOR:

By _____

Name _____

(Please Type or Print)

Title _____

Address _____

CITY's CONTRACT # _____

Joliette Woodson

Print Name of City's Project Manager

BID TABULATION

PROJECT NAME: 2009 STREET IMPROVEMENTS

PROJECT NUMBER: 2009 IFB-09

ITEM NO.	ITEM	UNIT	Quantity	Brannon Sand and Gravel		Quality Paving	
				Unit Price	Extended Price	Unit Price	Extended Price
Ma-1	3" Patching, Grade SX (PG5	TON	370	\$78.08	\$28,889.60	\$79.00	\$29,230.00
Ma-2	Hot Poured Crack Sealant	LB	4000	\$0.97	\$3,880.00	\$0.85	\$3,400.00
Ma-3	Mobilization	LS	1	\$1,703.06	\$1,703.06	\$1,500.00	\$1,500.00
Ma-4	Manhole Adjustment	EA	12	\$36.10	\$433.20	\$75.00	\$900.00
Ma-5	Valve Box Adjustment	EA	8	\$25.16	\$201.28	\$50.00	\$400.00
Ma-6	Thermoplastic Pavement M	SF	120	\$2.19	\$262.80	\$5.31	\$637.20
Ma-7	Preformed Thermoplastic P	SF	680	\$6.56	\$4,460.80	\$8.32	\$5,657.60
Ma-8	Traffic Control	LS	1	\$5,152.56	\$5,152.56	\$4,500.00	\$4,500.00
Ma-9	30" Curb and Gutter R&R	LF	50	\$19.69	\$984.50	\$20.15	\$1,007.50
Ma-10	Hot Applied Double Chip	SY	11200		\$0.00		\$0.00
Ma-10	1" Asphalt Grade SX (PG	SY	11200	\$2.82	\$31,584.00	\$2.90	\$32,480.00
Ma-11	1" Milling	SY	11200	\$1.19	\$13,328.00	\$0.95	\$10,640.00
Ma-12	3' Hollywood SW w/C&G R	LF	100	\$30.63	\$3,063.00	\$33.74	\$3,374.00
Roseanna Drive							
Ro-1	3" Patching, Grade SX (PG5	TON	175	\$78.08	\$13,664.00	\$79.00	\$13,825.00
Ro-2	Hot Poured Crack Sealant	LB	2000	\$0.97	\$1,940.00	\$0.85	\$1,700.00
Ro-3	Mobilization	LS	1	\$1,976.55	\$1,976.55	\$1,500.00	\$1,500.00
Ro-4	Manhole Adjustment	EA	4	\$36.10	\$144.40	\$75.00	\$300.00
Ro-5	Valve Box Adjustment	EA	11	\$25.16	\$276.76	\$50.00	\$550.00
Ro-6	Preformed Thermoplastic P	SF	280	\$6.56	\$1,836.80	\$8.32	\$2,329.60
Ro-7	Traffic Control	LS	1	\$5,152.56	\$5,152.56	\$5,000.00	\$5,000.00
Ro-8	30" Curb and Gutter R&R	LF	100	\$19.69	\$1,969.00	\$19.00	\$1,900.00
Ro-9	Hot Applied Double Chip	SY	5200		\$0.00		\$0.00
Ro-9	1" Asphalt Grade SX (PG	SY	5200	\$2.98	\$15,496.00	\$2.90	\$15,080.00
Ro-10	1" Milling	SY	5200	\$1.19	\$6,188.00	\$0.95	\$4,940.00
Ro-11	C&G R&R	LF	100	\$17.50	\$1,750.00	\$19.00	\$1,900.00
Ro-13	3' Hollywood SW w/ C&G R	LF	20	\$30.63	\$612.60	\$33.74	\$674.80
Ro-14	Driveway Concrete R&R	SF	1200	\$4.92	\$5,904.00	\$5.85	\$7,020.00
Ro-15	5' Sidewalk R&R	LF	200	\$21.88	\$4,376.00	\$27.25	\$5,450.00
Garland Drive							
Ga-1	3" Patching, Grade SX (PG5	TON	220	\$78.08	\$17,177.60	\$79.00	\$17,380.00
Ga-2	Hot Poured Crack Sealant	LB	2500	\$0.97	\$2,425.00	\$0.85	\$2,125.00
Ga-3	Mobilization	LS	1	\$546.98	\$546.98	\$1,500.00	\$1,500.00
Ga-4	Manhole Adjustment	EA	9	\$36.10	\$324.90	\$75.00	\$675.00
Ga-5	Valve Box Adjustment	EA	10	\$25.16	\$251.60	\$50.00	\$500.00
Ga-6	Thermoplastic Pavement M	SF	40	\$2.19	\$87.60	\$5.31	\$212.40
Ga-7	Preformed Thermoplastic P	SF	530	\$6.56	\$3,476.80	\$8.32	\$4,409.60
Ga-8	Traffic Control	LS	1	\$4,122.04	\$4,122.04	\$4,000.00	\$4,000.00
Ga-9	3' Hollywood SW w/ C&G R	LF	160	\$30.63	\$4,900.80	\$33.74	\$5,398.40
Ga-10	Hot Applied Double Chip	SY	6600		\$0.00		\$0.00
Ga-10	1" Asphalt Grade SX (PG	SY	6600	\$2.90	\$19,140.00	\$2.90	\$19,140.00
Ga-11	1" Milling	SY	6600	\$1.19	\$7,854.00	\$0.95	\$6,270.00
W. 112th Ave							
112-1	3" Patching, Grade SX (PG5	TON	150	\$78.08	\$11,712.00	\$79.00	\$11,850.00
112-2	Hot Poured Crack Sealant	LB	1000	\$0.97	\$970.00	\$0.85	\$850.00
112-3	Mobilization	LS	1	\$1,640.94	\$1,640.94	\$1,500.00	\$1,500.00
112-6	Traffic Control	LS	1	\$3,091.53	\$3,091.53	\$3,750.00	\$3,750.00
112-7	ADA Ramps	EA	4	\$984.56	\$3,938.24	\$1,700.00	\$6,800.00
112-8	Single Chipseal w/ Fog Sea	SY	1900	\$2.46	\$4,674.00	\$2.16	\$4,104.00
112-9	1/2" Milling	SY	1900	\$1.51	\$2,869.00	\$0.80	\$1,520.00
Maiden Way							
MW-1	3" Patching, Grade SX (PG5	TON	75	\$90.29	\$6,771.75	\$79.00	\$5,925.00
MW-2	Hot Poured Crack Sealant	LB	1000	\$0.97	\$970.00	\$0.85	\$850.00
MW-3	Mobilization	LS	1	\$109.39	\$109.39	\$1,500.00	\$1,500.00
MW-4	Manhole Adjustment	EA	1	\$36.10	\$36.10	\$75.00	\$75.00

MW-5	Valve Box Adjustment	EA	2		\$25.16	\$50.32	\$50.00	\$100.00
MW-6	Traffic Control	LS	1		\$2,061.02	\$2,061.02	\$2,000.00	\$2,000.00
MW-7	Single Chipseal w/ Fog Sea	SY	2200		\$2.46	\$5,412.00	\$2.16	\$4,752.00
	Varese Lane							
Va-1	3" Patching, Grade S (PG58)	TON	400		\$78.08	\$31,232.00	\$79.00	\$31,600.00
Va-2	Hot Poured Crack Sealant	LB	4300		\$0.97	\$4,171.00	\$0.85	\$3,655.00
Va-3	Mobilization	LS	1		\$109.39	\$109.39	\$1,500.00	\$1,500.00
Va-4	Manhole Adjustment	EA	11		\$36.10	\$397.10	\$75.00	\$825.00
Va-5	Valve Box Adjustment	EA	5		\$25.16	\$125.80	\$50.00	\$250.00
Va-6	Traffic Control	LS	1		\$5,152.56	\$5,152.56	\$6,000.00	\$6,000.00
Va-7	5' Sidewalk	LF	60		\$21.88	\$1,312.80	\$27.30	\$1,638.00
Va-8	Single Chipseal w/ Fog Sea	SY	12000		\$2.46	\$29,520.00	\$2.16	\$25,920.00
Va-9	ADA Ramps	EA	12		\$984.56	\$11,814.72	\$1,700.00	\$20,400.00
Va-10	Concrete Pan R&R	SF	40		\$7.66	\$306.40	\$11.95	\$478.00
	Dodge Dr.							
Do-1	3" Patching, Grade SX (PG58)	TON	200		\$78.08	\$15,616.00	\$79.00	\$15,800.00
Do-2	Hot Poured Crack Sealant	LB	2000		\$0.97	\$1,940.00	\$0.85	\$1,700.00
Do-3	Mobilization	LS	1		\$546.98	\$546.98	\$1,500.00	\$1,500.00
Do-4	Manhole Adjustment	EA	4		\$36.10	\$144.40	\$75.00	\$300.00
Do-5	Valve Box Adjustment	EA	3		\$25.16	\$75.48	\$50.00	\$150.00
Do-6	Traffic Control	LS	1		\$3,091.53	\$3,091.53	\$3,000.00	\$3,000.00
Do-7	5' Hollywood SW w/ C&G	LF	50		\$32.82	\$1,641.00	\$37.50	\$1,875.00
Do-8	Single Chipseal w/ Fog Sea	SY	6000		\$2.46	\$14,760.00	\$2.16	\$12,960.00
Do-9	1/2" Milling	SY	6000		\$1.01	\$6,060.00	\$0.80	\$4,800.00
Do-10	ADA Ramps	EA	2		\$984.57	\$1,969.14	\$1,700.00	\$3,400.00
	Emerson St.							
Em-1	3" Patching, Grade SX (PG58)	TON	85		\$90.30	\$7,675.50	\$79.00	\$6,715.00
Em-2	Hot Poured Crack Sealant	LB	1000		\$0.97	\$970.00	\$0.85	\$850.00
Em-3	Mobilization	LS	1		\$109.39	\$109.39	\$1,500.00	\$1,500.00
Em-4	Manhole Adjustment	EA	2		\$36.10	\$72.20	\$75.00	\$150.00
Em-5	Valve Box Adjustment	EA	2		\$25.16	\$50.32	\$50.00	\$100.00
Em-6	Traffic Control	LS	1		\$2,061.02	\$2,061.02	\$1,500.00	\$1,500.00
Em-7	Single Chipseal w/ Fog Sea	SY	2600		\$2.46	\$6,396.00	\$2.16	\$5,616.00
	Pecos St.							
PC-1	3" Patching, Grade SX (PG58)	TON	330		\$78.08	\$25,766.40	\$79.00	\$26,070.00
PC-2	Hot Poured Crack Sealant	LB	1800		\$0.97	\$1,746.00	\$0.85	\$1,530.00
PC-3	Mobilization	LS	1		\$1,640.88	\$1,640.88	\$1,500.00	\$1,500.00
PC-4	Manhole Adjustment	EA	9		\$36.10	\$324.90	\$75.00	\$675.00
PC-5	Valve Box Adjustment	EA	7		\$25.16	\$176.12	\$50.00	\$350.00
PC-6	Preformed Thermoplastic P	SF	200		\$6.56	\$1,312.00	\$8.32	\$1,664.00
PC-7	Traffic Control	LS	1		\$3,091.53	\$3,091.53	\$4,000.00	\$4,000.00
PC-8	5' Hollywood SW & C&G R	LF	50		\$32.82	\$1,641.00	\$37.50	\$1,875.00
PC-9	Single Chipseal w/ Fog Sea	SY	5000		\$2.46	\$12,300.00	\$2.16	\$10,800.00
PC-10	ADA Ramps	EA	5		\$984.56	\$4,922.80	\$1,700.00	\$8,500.00
	Huron St.							
H-1	4" Patching, Grade S (PG64)	TON	830		\$78.08	\$64,806.40	\$75.00	\$62,250.00
H-2	Traffic Control & Mobilizat	LS	1		\$4,122.04	\$4,122.04	\$3,000.00	\$3,000.00
	Kennedy Dr.							
K-1	3" Patching, Grade S (PG58)	TON	120		\$90.30	\$10,836.00	\$79.00	\$9,480.00
K-2	Traffic Control & Mobilizat	LS	1		\$1,030.51	\$1,030.51	\$750.00	\$750.00
	CONCRETE TRAIL (6")R&R							
Tr-1	Grange Hall Creek east of C	SF	600		\$4.38	\$2,628.00	\$5.30	\$3,180.00
Tr-2	Huron Crossing Park	SF	16		\$4.92	\$78.72	\$9.56	\$152.96
Tr-3	West End of Grange Hall C	SF	960		\$4.38	\$4,204.80	\$5.30	\$5,088.00

Tr-4	Grange Hall Creek east of I	SF	200		\$4.38	\$876.00	\$5.30	\$1,060.00
Tr-5	Grange Hall Creek between	SF	200		\$4.38	\$876.00	\$5.30	\$1,060.00
Tr-6	Grange Hall Creek Trail east	SF	200		\$4.38	\$876.00	\$5.30	\$1,060.00
Tr-7	104th Ave trail east of Was	SF	200		\$4.38	\$876.00	\$7.50	\$1,500.00
Tr-8	Tuck Lateral south of 100th	SF	300		\$4.38	\$1,314.00	\$5.30	\$1,590.00
Tr-9	Tuck Lateral north of 100th	SF	300		\$4.38	\$1,314.00	\$5.30	\$1,590.00
Tr-10	Winburn Park	SF	400		\$4.38	\$1,752.00	\$5.30	\$2,120.00
Tr-11	Foot bridge over FHC at Liv	SF	100		\$5.47	\$547.00	\$5.30	\$530.00
Tr-12	North and west of REC Cen	SF	1200		\$4.38	\$5,256.00	\$5.30	\$6,360.00
Tr-13	Foot bridge over FHC at 12	SF	100		\$5.47	\$547.00	\$5.30	\$530.00
Tr-14	E. 112th Ave from Irma Dr.	SF	8000		\$4.38	\$35,040.00	\$5.30	\$42,400.00
Tr-15	Mobilization and Traffic Co	EA	14		\$546.98	\$7,657.72	\$500.00	\$7,000.00
	MISC CONC REPAIRS							
Misc-1	10914 Pearl Ct. - Spalled C	LF	40		\$32.82	\$1,312.80	\$45.90	\$1,836.00
Misc-2	2080 112th Pl. - Cracked at	LF	40		\$32.82	\$1,312.80	\$45.90	\$1,836.00
Misc-3	100th Pl. and Melody Dr. -	LF	30		\$32.82	\$984.60	\$45.90	\$1,377.00
Misc-4	1514 Leroy Dr. - Spalled Co	LF	20		\$32.82	\$656.40	\$37.50	\$750.00
Misc-5	Claude Ct. at E. 119th Pl. -	SF	400		\$21.88	\$8,752.00	\$10.66	\$4,264.00
Misc-6	100th Pl. and Melody Dr. -	SF	450		\$4.65	\$2,092.50	\$9.51	\$4,279.50
Misc-7	Highline Dr. and 113th Pl. -	SF	450		\$4.92	\$2,214.00	\$9.51	\$4,279.50
Misc-8	Hulstrom School SE Entran	SF	250		\$5.47	\$1,367.50	\$7.45	\$1,862.50
Misc-9	1252 Beth Lane - Broken S	LF	20		\$32.82	\$656.40	\$61.97	\$1,239.40
Misc-10	114th Ct. and Pearl St. - Br	SF	400		\$4.92	\$1,968.00	\$10.66	\$4,264.00
Misc-11	Larson Dr. North of 105th P	LF	50		\$26.26	\$1,313.00	\$44.54	\$2,227.00
Misc-12	Larson Dr. North of 105 th P	SF	500		\$4.92	\$2,460.00	\$5.85	\$2,925.00
Misc-13	10654 Madison Way - Brok	LF	20		\$32.82	\$656.40	\$44.54	\$890.80
Misc-14	Fred Dr. and Fox St. - Brok	SF	400		\$7.66	\$3,064.00	\$10.66	\$4,264.00
Misc-15	1882 E. 116th Pl. - Install A	EA	1		\$984.57	\$984.57	\$1,700.00	\$1,700.00
Misc-16	Grant Dr. at Studio School-	LF	30		\$19.69	\$590.70	\$25.00	\$750.00
Misc-17	10979 Lambert Lane, 4' Ho	LF	20		\$32.82	\$656.40	\$44.54	\$890.80
Misc-18	Upton ADA Ramps	EA	8		\$984.57	\$7,876.56	\$1,700.00	\$13,600.00
Misc-19	Mobilization and Traffic Co	EA	18		\$1,012.00	\$18,216.00	\$750.00	\$13,500.00

Total:	\$661,858.26	\$691,664.56
	Low Bidder	Actual
		\$674,704.56
		Bid Form

Reference Check

Project: 2009 Street Improvements
Consultant/Contractor: Brannon Sand and Gravel
Date: April 28, 2009
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Project Name:	Contact for Reference:	Contact Phone Number:	Reference:
Overlay Projects	City of Wheat Ridge, Russ Higgins	3032352869	They use them often.
Overlay Projects	City of Golden, Jeremy Reichert	303-384-8154	Good job. A little lacking on cleanup.
West Powers Rd.	City of Littleton, Frank Marbury	303-795-3836	They do a good job. They are using them this summer.