

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2**

**43rd Court Water Main Reconstruction**

**PROJECT NO. ST06-1529 / CIP NO. 50606**

**October 7, 2008**

**ORIGINAL CONTRACT AMOUNT: \$610,012.40**

**CONTRACTOR: Simon Contractors of South Dakota, Inc.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
2	TRAFFIC CONTROL, MEDIUM PROJECT	LS	1.00	\$1,600.00	\$1,600.00	1.00	\$1,600.00	\$0.00
3	INCIDENTAL WORK	LS	1.00	\$7,900.00	\$7,900.00	1.00	\$7,900.00	\$0.00
4	6" PVC SEWER SERVICE LINE	LF	19.00	\$24.50	\$465.50	19.00	\$465.50	\$0.00
5	8" PVC SEWER MAIN (6'-8')	LF	12.00	\$26.00	\$312.00	12.00	\$312.00	\$0.00
6	8" PVC SEWER MAIN (10'-12')	LF	349.00	\$28.50	\$9,946.50	349.00	\$9,946.50	\$0.00
7	8" PVC SEWER MAIN (12'-14')	LF	2.00	\$30.00	\$60.00	2.00	\$60.00	\$0.00
8	10" PVC SEWER MAIN (8'-10')	LF	462.00	\$35.00	\$16,170.00	462.00	\$16,170.00	\$0.00
9	10" PVC SEWER MAIN (10'-12')	LF	227.00	\$36.00	\$8,172.00	227.00	\$8,172.00	\$0.00
10	10" PVC SEWER MAIN (12'-14')	LF	56.00	\$37.00	\$2,072.00	56.00	\$2,072.00	\$0.00
11	4" PVC SEWER SERVICE LINE	LF	909.00	\$22.00	\$19,998.00	858.00	\$18,876.00	(\$1,122.00)
12	4" PVC SEWER CLEANOUT	EA	25.00	\$150.00	\$3,750.00	24.00	\$3,600.00	(\$150.00)
13	6" PVC SEWER CLEANOUT	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
14	DROP MANHOLE, 48"	EA	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
15	EXTRA MANHOLE DEPTH, 48" DIA.	VFT	23.20	\$150.00	\$3,480.00	23.20	\$3,480.00	\$0.00
16	STANDARD MANHOLE, 48" DIA.	EA	4.00	\$3,000.00	\$12,000.00	4.00	\$12,000.00	\$0.00
17	REMOVE 6" SEWER SERVICE LINE	LF	31.00	\$13.00	\$403.00	31.00	\$403.00	\$0.00
18	BYPASS PUMPING	LS	1.00	\$9,500.00	\$9,500.00	1.00	\$9,500.00	\$0.00
19	4" METAL CLEANOUT COVER	EA	1.00	\$150.00	\$150.00	1.00	\$150.00	\$0.00
20	REMOVE CLEANOUT	EA	3.00	\$115.00	\$345.00	2.00	\$230.00	(\$115.00)
21	WATER MAIN ENCASEMENT	1.00	1.00	\$2,600.00	\$2,600.00	0.00	\$0.00	(\$2,600.00)
22	1" COPPER SERVICE	LF	954.00	\$24.00	\$22,896.00	937.50	\$22,500.00	(\$396.00)
23	6" PVC WATER MAIN	LF	42.00	\$22.00	\$924.00	42.00	\$924.00	\$0.00
24	8" PVC WATER MAIN	LF	1,079.00	\$26.00	\$28,054.00	1,079.00	\$28,054.00	\$0.00
25	1" TAPPING SADDLE	EA	25.00	\$250.00	\$6,250.00	25.00	\$6,250.00	\$0.00
26	1" CURB STOP & BOX	EA	25.00	\$250.00	\$6,250.00	25.00	\$6,250.00	\$0.00
27	8" X 6" REDUCER	EA	3.00	\$250.00	\$750.00	3.00	\$750.00	\$0.00
28	8" STANDARD COUPLING	EA	3.00	\$300.00	\$900.00	3.00	\$900.00	\$0.00

29	8" HIGH DEFLECTION COUPLING	EA	4.00	\$250.00	\$1,000.00	0.00	\$0.00	(\$1,000.00)
30	8" X 8" X 6" TEE	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
31	8" X 8" X 8" TEE	EA	1.00	\$450.00	\$450.00	1.00	\$450.00	\$0.00
32	6" 45 DEGREE BEND	EA	2.00	\$250.00	\$500.00	3.00	\$750.00	\$250.00
33	8" 11.25 DEGREE BEND	EA	2.00	\$300.00	\$600.00	2.00	\$600.00	\$0.00
34	8" 45 DEGREE BEND	EA	5.00	\$300.00	\$1,500.00	6.00	\$1,800.00	\$300.00
35	8" GATE VALVE W/ BOX	EA	4.00	\$1,150.00	\$4,600.00	4.00	\$4,600.00	\$0.00
36	FIRE HYDRANT W/ AUX VALVE, BOX & LEAD	EA	3.00	\$3,100.00	\$9,300.00	3.00	\$9,300.00	\$0.00
37	REMOVE CURB STOP & BOX	EA	25.00	\$92.00	\$2,300.00	25.00	\$2,300.00	\$0.00
38	EXCAVATION, UNCLASSIFIED	CY	1,683.00	\$16.50	\$27,769.50	1,683.00	\$27,769.50	\$0.00
39	EXCAVATION, UNCLASSIFIED- DIGOUTS W/TYPE 4 FOUNDATION MATERIAL WITH GEOGRID	TON	400.00	\$33.00	\$13,200.00	382.02	\$12,606.66	(\$593.34)
40	SAWING, ASPHALT PAVEMENT	LF	687.00	\$2.00	\$1,374.00	687.00	\$1,374.00	\$0.00
41	REMOVE & RESET SIGN	EA	5.00	\$105.00	\$525.00	5.00	\$525.00	\$0.00
42	REMOVE ASPHALT CONCRETE PAVEMENT	SY	4,659.00	\$2.15	\$10,016.85	4,659.00	\$10,016.85	\$0.00
43	REMOVE CONCRETE CURB & GUTTER	LF	2,249.00	\$3.60	\$8,096.40	2,249.00	\$8,096.40	\$0.00
44	REMOVE CONCRETE DRAIN PAN	SF	170.00	\$1.50	\$255.00	170.00	\$255.00	\$0.00
45	REMOVE CONCRETE SIDEWALK	SF	10,784.00	\$0.85	\$9,166.40	10,784.00	\$9,166.40	\$0.00
46	REMOVE CONCRETE DRIVEWAY	SY	105.00	\$8.50	\$892.50	105.00	\$892.50	\$0.00
47	REMOVE MANHOLE	EA	5.00	\$450.00	\$2,250.00	5.00	\$2,250.00	\$0.00
48	REMOVE SEWER MAIN	LF	365.00	\$11.00	\$4,015.00	311.00	\$3,421.00	(\$594.00)
49	AGGREGATE BASE COURSE	T	1,390.00	\$20.00	\$27,800.00	1,629.12	\$32,582.40	\$4,782.40
50	AC PATCHING, CLASS G, TYPE 1, 5"	T	30.00	\$115.00	\$3,450.00	71.26	\$8,194.90	\$4,744.90
51	ASPHALT CONCRETE, CLASS G, TYPE 1 PG64-28	T	1,140.00	\$75.00	\$85,500.00	1,181.70	\$88,627.50	\$3,127.50
52	CONCRETE DRIVEWAY APPROACH PAVEMENT, 6"	SY	206.00	\$65.00	\$13,390.00	206.00	\$13,390.00	\$0.00
53	CONCRETE DRIVEWAY PAVEMENT, 4"	SY	84.00	\$46.00	\$3,864.00	84.00	\$3,864.00	\$0.00
54	CONCRETE DRAIN FILLET & PAN (REINFORCED) 6"	SY	117.00	\$78.00	\$9,126.00	117.90	\$9,196.20	\$70.20
55	CONCRETE SIDEWALK, 4"	SF	8,813.00	\$4.75	\$41,861.75	8,813.00	\$41,861.75	\$0.00
56	ACCESS RAMP W/ DETECTABLE WARNING PANEL & CURB	EA	4.00	\$975.00	\$3,900.00	4.00	\$3,900.00	\$0.00
57	CONCRETE CURB & GUTTER, ROLL TYPE	LF	2,172.00	\$16.50	\$35,838.00	2,065.25	\$34,076.63	(\$1,761.38)
58	18" RCP, CLASS III	LF	198.00	\$35.50	\$7,029.00	198.00	\$7,029.00	\$0.00
59	30" RCP, CLASS III	LF	194.00	\$52.00	\$10,088.00	194.00	\$10,088.00	\$0.00
60	24"X24"X18" RCP TEE	EA	1.00	\$1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
61	TYPE "B" INLET W/ VANED GRATE	EA	10.00	\$1,400.00	\$14,000.00	10.00	\$14,000.00	\$0.00
62	60" STORM SEWER MANHOLE	EA	1.00	\$3,700.00	\$3,700.00	1.00	\$3,700.00	\$0.00
63	WATER POLLUTION & EROSION CONTROL PLAN, MEDIUM	LS	1.00	\$1,200.00	\$1,200.00	1.00	\$1,200.00	\$0.00
64	WATER POLLUTION & EROSION CONTROL	LS	1.00	\$7,500.00	\$7,500.00	1.00	\$7,500.00	\$0.00

65	SEEDING, FERTILIZING, MULCHING	SY	100.00	\$5.75	\$575.00	100.00	\$575.00	\$0.00
66	SODDING	SY	1,280.00	\$9.50	\$12,160.00	1,280.00	\$12,160.00	\$0.00
67	FURNISH & PLACE TOPSOIL	CY	107.00	\$60.00	\$6,420.00	107.00	\$6,420.00	\$0.00
68	24" RCP, CLASS III	LF	88.00	\$42.00	\$3,696.00	88.00	\$3,696.00	\$0.00
69	SOIL SUPPORT FABRIC/GEOGRID	SY	30.00	\$10.00	\$300.00	0.00	\$0.00	(\$300.00)
70	CONCRETE "P6" GUTTER	LF	264.00	\$16.50	\$4,356.00	370.75	\$6,117.38	\$1,761.38
71	FURNISH AND PLACE LANDSCAPE ROCK	T	200.00	\$58.00	\$11,600.00	200.00	\$11,600.00	\$0.00
72	TRAFFIC CONTROL PLAN PREPARATION, MEDIUM PROJECT	LS	1.00	\$270.00	\$270.00	1.00	\$270.00	\$0.00
73	CONSTRUCTION STAKING, MEDIUM PROJECT	LS	1.00	\$22,000.00	\$22,000.00	1.00	\$22,000.00	\$0.00
74	4" PERFORATED UNDERDRAIN LINE	LF	150.00	\$8.00	\$1,200.00	150.00	\$1,200.00	\$0.00
75	AASHTO T-180 SOIL TEST	EA	2.00	\$165.00	\$330.00	0.00	\$0.00	(\$330.00)
76	FURNISH AND INSTALL GEOGRID	SY	100.00	\$6.00	\$600.00	114.00	\$684.00	\$84.00
77	TRAVEL GRAVEL	TON	150.00	\$20.00	\$3,000.00	261.56	\$5,231.20	\$2,231.20
78	CATHODIC PROTECTION TEST STATION	EA	2.00	\$600.00	\$1,200.00	2.00	\$1,200.00	\$0.00
79	IMPORTED BACKFILL	TON	612.76	\$25.25	\$15,472.19	612.76	\$15,472.19	\$0.00
	<b>CHANGE ORDER NO. 2 NEW ITEMS</b>							
80	ADDITIONAL 2" OF BASE COURSE FOR GEOGRID	TON	0.00	\$12.00	\$0.00	442.78	\$5,313.36	\$5,313.36
81	FURNISH AND INSTALL MAINLINE ROADWAY GEOGRID	SY	0.00	\$4.50	\$0.00	4,217.00	\$18,976.50	\$18,976.50
<b>TOTAL</b>					<b>\$625,484.59</b>		<b>\$658,164.31</b>	<b>\$32,679.72</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$625,484.59
CCO #1	\$15,472.19	NET INCREASE/(DECREASE):	\$32,679.72
CCO#2	\$32,679.72	ADJUSTED CONTRACT PRICE:	\$658,164.31
	\$0.00	CHANGE TO DATE:	\$48,151.91

CONTRACTOR: SIMON CONTRACTORS OF SOUTH DAKOTA, 2391 COMMERCE ROAD, RAPID CITY, SD 57709	DATE
CONSULTANT: KADRMAS, LEE & JACKSON: RICH VICTOR, P.E.	DATE
CITY PROJECT MANAGER: KLARE SCHROEDER	DATE
CITY ENGINEER: DALE TECH	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME:      Days	

City Staff recommends approval of this Change Order # 2 to SIMON CONTRACTORS OF SOUTH DAKOTA for an increase of \$32,679.72 based on unit pricing with the following appropriation:

Initial Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fund Type	Streets	Water	Sanitary Sewer	Storm Sewer	
Department	8910	0933	0833	8911	
Line Item	4370	4381	4380	4371	
Fund	0505	0602	0604	0505	
CCO #1			\$15,472.19		\$15,472.19
CCO #2	#REF!	#REF!	#REF!		#REF!
					\$0.00
Adjusted Funding	#REF!	#REF!	#REF!	\$0.00	#REF!

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2**  
**43rd Court Water Main Reconstruction**  
**PROJECT NO. ST06-1529 / CIP NO. 50606**  
**October 7, 2008**  
**ORIGINAL CONTRACT AMOUNT: \$610,012.40**  
**CONTRACTOR: Simon Contractors of South Dakota, Inc.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
11	4" PVC SEWER SERVICE LINE	Reflects actual quantity installed
12	4" PVC SEWER CLEANOUT	Reflects actual quantity installed
20	REMOVE CLEANOUT	Reflects actual quantity removed
21	WATER MAIN ENCASEMENT	Not needed due to a vertical clearance from Sanitary Sewer Main greater than 18"
22	1" COPPER SERVICE	Reflects actual quantity installed
29	8" HIGH DEFLECTION COUPLING	Reflects actual quantity installed
32	6" 45 DEGREE BEND	Additional Bend installed on Fire Hydrant Lead in place of a Fire Hydrant Extension
34	8" 45 DEGREE BEND	Additional Bend installed to adjust watermain grade
39	EXCAVATION, UNCLASSIFIED- DIGOUTS W/ TYPE 4 FOUNDATION MATERIAL	Reflects actual quantity installed
48	REMOVE SEWER MAIN	Reflects actual quantity removed
49	AGGREGATE BASE COURSE	Reflects actual quantity installed at a thickness of 6"
50	AC PATCHING, CLASS G, TYPE 1, 5"	Reflects actual quantity installed
51	ASPHALT CONCRETE, CLASS G, TYPE 2 PG64-28	Reflects actual quantity installed
54	CONCRETE DRAIN FILLET & PAN (REINFORCED) 6"	Reflects actual quantity installed
57	CONCRETE CURB & GUTTER, ROLL TYPE	Reflects actual quantity installed after homeowners chose the gutter type at their individual drive approach
69	SOIL SUPPORT FABRIC/GEOGRID	Item was not needed
70	CONCRETE "P6" GUTTER	Reflects actual quantity installed after homeowners chose the gutter type at their individual drive approach
75	AASHTO T-180 SOIL TEST	Contractor did not request any soil tests
76	FURNISH AND INSTALL GEOGRID	Reflects actual quantity installed to replace geogrid that was removed for asphalt patch in 44th Street
77	TRAVEL GRAVEL	Reflects actual quantity installed to accommodate local traffic
80	ADDITIONAL 2" OF BASE COURSE FOR GEOGRID	Price adjustment for the additional 2" of base course installed due to increasing the base course thickness from 6" to 8" for the installation of geogrid
81	FURNISH AND INSTALL MAINLINE ROADWAY GEOGRID	Geogrid was installed from back of curb to back of curb beneath 43rd Court and Circle Drive per recommendation from Geotechnical Engineer and as agreed upon at site project meeting

PREPARED BY: RICH VICTOR, P.E.

DATE: \_\_\_\_\_