

CONTRACT CHANGE ORDER FORM

**CITY OF LAKE ELMO, MINNESOTA
2014 STREET IMPROVEMENTS
PROJECT NO. 2013.135**

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 1 **DATE:** July 1, 2014

TO: HARDRIVES, INC. , 14475 QUIRAM DRIVE, ROGERS, MN 55374

This Document will become a supplement to the Contract and all provisions will apply hereto. The Contract Documents are modified as follows upon execution of this Change Order.

CHANGE ORDER DESCRIPTION / JUSTIFICATION:

This change order amends the contract to change the maintenance work that will be completed for 20th Street North, from Lake Elmo Avenue to Manning Trail. The original contract includes full depth patching followed by a 5/8" micro surfacing. The new improvements will consist of a bituminous leveling course followed by a 1.5-inch bituminous overlay. Staff has recently reevaluated the improvement recommendation and believes that the overlay provides more structure to the road, will improve the smoothness and rideability, and includes shouldering for edge support. The overlay improvement adds about \$7,988.30 to the total cost but provides a higher level of service to the road while extending its useful life 7 to 10 years instead of 5 to 7 years for the micro surface.

Attachments (list documents supporting change): Change Order No. 1 Itemization

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNITE PRICE	INCREASE/(DECREASE)
	** See attached itemization for Change Order Items				
NET CONTRACT CHANGE					\$0.00

Amount of Original Contract	\$ 1,469,015.70
Sum of Additions/Deductions approved to date	\$ 0.00
Contract Amount to date	\$ 1,469,015.70
Amount of this Change Order (ADD) (DEDUCT) (NO-CHANGE)	\$ 7,988.30
Revised Contract Amount	\$ 1,477,004.00

The Contract Period for Completion will be (UNCHANGED) (~~INCREASED~~) (~~DECREASED~~) 0 days

APPROVED BY ENGINEER: FOCUS Engineering, inc.	APPROVED BY CONTRACTOR
_____	_____
ENGINEER	BY
_____	_____
DATE	DATE
APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA	
_____	_____
BY	BY
_____	_____
DATE	DATE

CHANGE ORDER NO. 1

2014 STREET IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2013.135



DEDUCT ITEMS DIVISION 2 - 20TH STREET NORTH: MICROSURFACE

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CHANGE ORDER		
			QUANTITY	UNIT PRICE	AMOUNT
46	MOBILIZATION	LS	-1.0	\$ 15,172.98	-\$15,172.98
47	TRAFFIC CONTROL	LS	-1.0	\$ 5,000.00	-\$5,000.00
48	JOINT REPAIR	SY	-228.0	\$ 20.00	-\$4,560.00
49	PATCH BITUMINOUS STREET (PARTIAL DEPTH)	SY	-285.0	\$ 20.00	-\$5,700.00
50	PATCH BITUMINOUS STREET (FULL DEPTH)	SY	-100.0	\$ 38.64	-\$3,864.00
51	REMOVE PAVEMENT MARKINGS - 4" LINES	LF	-7,500.0	\$ 0.65	-\$4,875.00
52	3/4" OVERLAY	TN	-200.0	\$ 68.06	-\$13,612.00
53	3/8" MICROSURFACE	SY	-12,267.0	\$ 3.21	-\$39,377.07
54	CLASS 2 AGGREGATE SHOULDERING - 100% CRUSHED LIMEROCK	TN	-100.0	\$ 21.39	-\$2,139.00
55	4" DOUBLE SOLID YELLOW LINE - LATEX	LF	-4,860.0	\$ 0.22	-\$1,069.20
56	4" SOLID WHITE LINE - LATEX	LF	-9,720.0	\$ 0.11	-\$1,069.20

SUBTOTAL OF DEDUCT ITEMS

-\$96,438.45

ADD ITEMS DIVISION 2 - 20TH STREET NORTH: 1.5-INCH OVERLAY

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CHANGE ORDER		
			QUANTITY	UNIT PRICE	AMOUNT
CO1-1	MOBILIZATION	LS	1.0	\$5,000.00	\$5,000.00
CO1-2	TRAFFIC CONTROL	LS	1.0	\$5,000.00	\$5,000.00
CO1-3	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) [SPWEA2408] -LEVELING COURSE	TN	300.0	\$68.06	\$20,418.00
CO1-4	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B) [SPWEA240B]	TN	1,065.0	\$60.67	\$64,613.55
CO1-5	BITUMINOUS MATERIAL FOR TACK COAT	GAL	865.0	\$1.96	\$1,695.40
CO1-6	CLASS 2 AGGREGATE SHOULDERING - 100% CRUSHED LIMEROCK	TN	260.0	\$21.39	\$5,561.40
CO1-7	4" DOUBLE SOLID YELLOW LINE - LATEX	LF	4,860.0	\$0.22	\$1,069.20
CO1-8	4" SOLID WHITE LINE - LATEX	LF	9,720.0	\$0.11	\$1,069.20

SUBTOTAL OF ADD ITEMS

\$104,426.75

TOTALS - CHANGE ORDER NO. 1

\$7,988.30