

Item No.	Description	Unit	Qty	Engineer Estimate Unit Price	Subtotal	Adjusted Qty	Adjusted Cost
1	Contract Bond	LS	1	\$50,000.00	\$50,000.00	0	\$0.00
2	Mobilization	LS	1	\$125,000.00	\$125,000.00	0	\$0.00
3	Traffic Control	LS	1	\$50,000.00	\$50,000.00	0	\$0.00
4	Flagging	LS	1	\$5,000.00	\$5,000.00	0	\$0.00
5	Material Testing	LS	1	\$15,000.00	\$15,000.00	0	\$0.00
6	Remove & Replace Curb & Gutter	LF	3640	\$4.00	\$14,560.00	-135	-\$5,400.00
7	Remove & Replace Concrete Valley Gutter	SY	113	\$115.00	\$12,995.00	-19	-\$2,185.00
8	Concrete Valley Gutter	SY	13	\$100.00	\$1,300.00	-41	-\$4,100.00
9	Remove & Replace Concrete Patch	SY	58	\$120.00	\$6,960.00	39	\$4,680.00
9	Removal of Hot Bituminous Pavement	SY	1710	\$6.00	\$10,260.00	0	\$0.00
10	Removal of Hot Bituminous Pavement HBP Only	SY	96230	\$6.00	\$577,380.00	-1985	-\$11,910.00
	Edge Mill Hot Bituminous Pavement	SY	0				
	Removal of Aggregate Surface	SY	2960	\$3.00	\$8,880.00	-1096	-\$3,288.00
11	Cl. 5 Aggregate Base	Ton	470	\$30.00	\$14,100.00	-638	-\$19,140.00
12	Cl. 13 Aggregate Surface	Ton	960	\$35.00	\$33,600.00	-231	-\$8,085.00
13	Cl. 29 Hot Bituminous Pavement Overlay w/PG-58 Asphalt Cement	Ton	17060	\$120.00	\$2,047,200.00	0	\$0.00
13	Cl. 29 Hot Bituminous Pavement Patch w/PG-58 Asphalt Cement	Ton	0	\$120.00	\$0.00	0	\$0.00
14	Crack Sealing - Non Routed	LF	9740	\$1.00	\$9,740.00	-103	-\$103.00
15	CRS-2P Bituminous Seal	Gal	43840	\$8.00	\$350,720.00	21258	\$170,064.00
16	Cl. 4.1M Aggregate	SY	109600	\$1.75	\$191,800.00	0	\$0.00
17	Rehab Sanitary Manhole	VF	430	\$350.00	\$150,500.00	0	\$0.00
19	Remove & Replace Catch Basin Casting 7 Grate	EA	8	\$1,000.00	\$8,000.00	-35	-\$35,000.00
20	Remove & Replace Gate Valve Casting	EA	10	\$1,000.00	\$10,000.00	0	\$0.00
21	Adjust Manhole	EA	71	\$300.00	\$21,300.00	-6	-\$1,800.00
	Adjust Manhole Ring	EA	15	\$150.00	\$2,250.00	24	\$3,600.00
22	Adjust Gate Valve Box	EA	44	\$200.00	\$8,800.00	44	\$8,800.00
23	Temporary Striping	LS	1	\$4,000.00	\$4,000.00	0	\$0.00
24	Performed Patterned Pymt Mk-Message Grooved	EA	4	\$400.00	\$1,600.00	0	\$0.00
25	Performed Patterned Pymt Mk - 24 in Line Grooved	LF	480	\$36.00	\$17,280.00	-211	-\$7,596.00
26	Epoxy Paint Pymt Mk - 6 in Line	LF	220	\$5.00	\$1,100.00	-11	-\$55.00
27	Epoxy Paint Pymt Mk - 4 in Line	LF	17360	\$3.00	\$52,080.00	-3687	-\$11,061.00
				\$3,924,755.00			
Change Order 1: 19 May 2015							
273	Remove & Replace Curb & Gutter		273	\$40.00	\$10,920.00	-273	-\$10,920.00
130	Removal of Hot Bituminous Pavement		130	\$6.00	\$780.00	-533	-\$3,198.00
530	Full Mill Hot Bituminous Pavement		530	\$6.00	\$3,180.00	4107	\$24,642.00
70	Cl. 5 Aggregate Base		70	\$30.00	\$2,100.00	-70	-\$2,100.00
60	Cl. 29 Hot Bituminous Pavement Overlay w/PG-58-28 Asphalt Cement		60	\$120.00	\$7,200.00	621.11	\$74,533.20
30	Cl. 29 Hot Bituminous Pavement Patch w/PG-58-28 Asphalt Cement		30	\$120.00	\$3,600.00	-30	-\$3,600.00
53640	CRS2P Bituminous Seal		53640	\$8.00	\$429,120.00	-14631.5	-\$117,051.60
134090	Cl. 4.1M Aggregate		134090	\$1.75	\$234,657.50	-20755.3	-\$36,321.79
1	Remove & Replace Catch Basin Casting & Grate		1	\$1,000.00	\$1,000.00	5	\$5,000.00
-196	Performed Patterned Pymt Mk 24in. Line, grooved		-196	\$36.00	-\$7,056.00	196	\$7,056.00
-200	Epoxy Paint Pymt Mk- 6in Line		-200	\$5.00	-\$1,000.00	200	\$1,000.00
-5862	Epoxy Paint Pymt Mk- 4in Line		-5862	\$3.00	-\$17,586.00	5862	\$17,586.00
				\$666,915.50			\$7,212.83

Based on the engineer's estimated prices the change order would have been \$666,915.50. The contract bid prices equal \$262,535.70. This is more than reasonable.

Change Order 2: 10 June 15

	Removal of Hot Bitu. Pavement		-2200	\$6.00	-\$13,200.00	2200	\$13,200.00
	Removal of Hot Bitu. Pavement HBP only		2200	\$6.00	\$13,200.00	-2200	-\$13,200.00
	Adjust Manhole		-60	\$300.00	-\$18,000.00	60	\$18,000.00
	Adjust Manhole Ring		60	\$150.00	\$9,000.00	-60	-\$9,000.00
				\$3.00	-\$9,000.00	10.86	\$50.00
				\$666,915.50			\$9,000.00

Change order two reflects changes in quantities. Based on the engineer's estimate the reduction would be (\$9,000) change order is for an (\$18,000). This is considered reasonable.

Change Order 3: 8 July 15

	Asphalt Millings		152	\$25.00	\$3,800.00		
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See Engineer's note.

\$46,212.83

Based on the engineer's estimated costs after adjustment of quantities there would be a contract increase of \$46,212.83. The change order 5 reflects a decrease in contract costs of \$30,033.15 for adjustment of quantities based on the bid price. Change order 5 is considered reasonable.

17 NOV 15

**Change Order**

No. 5

Date of Issuance: 11-17-2015 Effective Date: 11-17-2015

Project: <b>Flood Inundated Areas Street Rehab - Section 2</b>	Owner: <b>City of Minot</b>	Owner's Contract No.: <b>3873.2</b>
Contract:	Date of Contract: <b>04-16-2015</b>	
Contractor: <b>Bechtold Paving</b>	Engineer's Project No.: <b>R14-090</b>	

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Balancing change order per City of Minot specification 1.03.G.2 from section 800.

**CHANGE IN CONTRACT PRICE:** **CHANGE IN CONTRACT TIMES:**

Original Contract Price:	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar date
<u>\$ 2,472,030.60</u>	Substantial completion (date): <b>October 16, 2015</b>
	Ready for final payment (date): <b>November 2, 2015</b>

[Increase] from previously approved Change Orders No. 0 to No. 3:	[Increase] from previously approved Change Orders No. 0 to No. 3:
<u>\$268,326.20</u>	Substantial completion (days): 0
	Ready for final payment (days): 0

Contract Price prior to this Change Order:	Contract Times prior to this Change Order:
<u>\$2,740,356.80</u>	Substantial completion (date): <b>October 16, 2015</b>
	Ready for final payment (date): <b>November 2, 2015</b>

[Decrease] of this Change Order:	[Increase] of this Change Order:
<u>\$-30,033.15</u>	Substantial completion (days): 0
	Ready for final payment (days): 0

Contract Price incorporating this Change Order:	Contract Times with all approved Change Orders:
<u>\$2,710,323.65</u>	Substantial completion (date): <b>October 16, 2015</b>
	Ready for final payment (date): <b>November 2, 2015</b>

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u>[Signature]</u> Engineer (Authorized Signature)	By: <u>[Signature]</u> Owner (Authorized Signature)	By: <u>[Signature]</u> Contractor (Authorized Signature)
Date: <u>11/17/15</u>	Date: <u>1/19/16</u>	Date: <u>11-17-15</u>
Approved by Funding Agency (if applicable): _____	Date: _____	

**STATEMENT  
CONTRACTORS PROGRESSIVE ESTIMATE BALANCING  
3873.2 Flood Inundated Street Rehab Section 2 (CDBG Project)  
Minot, North Dakota**

Contractor: Bechtold Paving  
Date: 11-17-2015

Item No.	Description	Plan Quantity	Unit	Unit Price	Original Cost	Quantity Total	Adjusted Quantities	Adjusted Cost	Total Amount
1	Contract Bond	1	LS	\$ 11,000.00	\$ 11,000.00	1	-	\$ -	\$ 11,000.00
2	Mobilization	1	LS	\$ 15,000.00	\$ 15,000.00	1	-	\$ -	\$ 15,000.00
3	Traffic Control	1	LS	\$ 55,500.00	\$ 55,500.00	1	-	\$ -	\$ 55,500.00
4	Flagging	1	LS	\$ 3,000.00	\$ 3,000.00	1	-	\$ -	\$ 3,000.00
5	Material Testing	1	LS	\$ 16,000.00	\$ 16,000.00	1	-	\$ -	\$ 16,000.00
6	Remove & Replace Curb & Gutter	3,450	LF	\$ 50.00	\$ 172,500.00	3,315	(135)	\$ (6,750.00)	\$ 165,750.00
7	Remove Concrete Valley Gutter	101	SY	\$ 35.00	\$ 3,535.00	82.41	(19)	\$ (650.65)	\$ 2,884.35
8	Concrete Valley Gutter	121	SY	\$ 110.00	\$ 13,310.00	79.86	(41)	\$ (4,525.40)	\$ 8,784.60
9	Remove & Replace Concrete Patch	58	SY	\$ 210.00	\$ 12,180.00	96.54	39	\$ 8,093.40	\$ 20,273.40
10	Removal of Hot Bituminous Pavement	2,150	SY	\$ 19.25	\$ 41,387.50	2,150	-	\$ -	\$ 41,387.50
11	Full Mill Hot Bituminous Pavement	33,300	SY	\$ 2.44	\$ 81,252.00	33,300	-	\$ -	\$ 81,252.00
12	Edge Mill Hot Bituminous Pavement	45,130	SY	\$ 2.10	\$ 94,773.00	43,144.81	(1,985)	\$ (4,168.90)	\$ 90,604.10
13	Removal of Aggregate Surface	2,960	SY	\$ 6.00	\$ 17,760.00	1,863.84	(1,096)	\$ (6,576.96)	\$ 11,183.04
14	Cl. 5 Aggregate Base	720	TON	\$ 50.00	\$ 36,000.00	82.30	(638)	\$ (31,885.00)	\$ 4,115.00
15	Cl. 13 Aggregate Surface	690	TON	\$ 36.70	\$ 25,323.00	459.18	(231)	\$ (8,471.09)	\$ 16,851.91
16	Cl. 29 Hot Bituminous Pavement Overlay w/ PG 58-28 Asphalt Cement	14,280	TON	\$ 91.00	\$ 1,299,480.00	14,280	-	\$ -	\$ 1,299,480.00
17	Cl. 29 Hot Bituminous Pavement Patch w/ PG 58-28 Asphalt Cement	820	TON	\$ 170.00	\$ 139,400.00	716.90	(103)	\$ (17,527.00)	\$ 121,873.00
18	Crack Sealing - Non Routed	11,440	LF	\$ 0.62	\$ 7,092.80	32,698	21,258	\$ 13,179.96	\$ 20,272.76
19	CRS-2P Bituminous Seal	49,150	GAL	\$ 2.75	\$ 135,162.50	49,150	-	\$ -	\$ 135,162.50
20	Cl. 41M Aggregate	122,870	SY	\$ 0.70	\$ 86,009.00	122,870	-	\$ -	\$ 86,009.00
21	Rehab Sanitary Manhole	410	VF	\$ 245.00	\$ 100,450.00	374.63	(35)	\$ (8,665.65)	\$ 91,784.35
22	Remove & Replace Catch Basin Casting & Grate	8	EA	\$ 1,200.00	\$ 9,600.00	8	-	\$ -	\$ 9,600.00
23	Remove & Replace Gate Valve Casting	10	EA	\$ 600.00	\$ 6,000.00	4	(6)	\$ (3,600.00)	\$ 2,400.00
24	Adjust Manhole	64	EA	\$ 600.00	\$ 38,400.00	88	24	\$ 14,400.00	\$ 52,800.00
25	Adjust Gate Valve Box	15	EA	\$ 250.00	\$ 3,750.00	59	44	\$ 11,000.00	\$ 14,750.00
26	Temporary Striping	1	LS	\$ 10,000.00	\$ 10,000.00	1	-	\$ -	\$ 10,000.00
27	Preformed Patterned Pvmnt Mk - Message, Grooved	4	EA	\$ 975.00	\$ 3,900.00	4	-	\$ -	\$ 3,900.00
28	Preformed Patterned Pvmnt Mk - 24in Line, Grooved	550	LF	\$ 34.00	\$ 18,700.00	339	(211)	\$ (7,174.00)	\$ 11,526.00
29	Epoxy Paint Pvmnt Mk - 6in Line	420	LF	\$ 9.74	\$ 4,090.80	409	(11)	\$ (107.14)	\$ 3,983.66
30	Epoxy Paint Pvmnt Mk - 4in Line	22,950	LF	\$ 0.50	\$ 11,475.00	19,263	(3,687)	\$ (1,843.50)	\$ 9,631.50
C.O. 1	<b>Increased Quantities</b>								
	Remove & Replace Curb & Gutter	273	LF	\$ 50.00	\$ 13,650.00	-	(273)	\$ (13,650.00)	\$ -
	Removal of Hot Bituminous Pavement	130	SY	\$ 19.25	\$ 2,502.50	124.67	(5.33)	\$ (102.60)	\$ 2,399.90
	Full Mill Hot Bituminous Pavement	530	SY	\$ 2.44	\$ 1,293.20	4,637	4,107	\$ 10,021.08	\$ 11,314.28
	Cl. 5 Aggregate Base	70	TON	\$ 50.00	\$ 3,500.00	-	(70)	\$ (3,500.00)	\$ -
	Cl. 29 Hot Bituminous Pavement Overlay w/ PG 58-28 Asphalt Cement	60	TON	\$ 91.00	\$ 5,460.00	681.11	621.11	\$ 56,521.01	\$ 61,981.01
	Cl. 29 Hot Bituminous Pavement Patch w/ PG 58-28 Asphalt Cement	30	TON	\$ 170.00	\$ 5,100.00	-	(30)	\$ (5,100.00)	\$ -
	CRS-2P Bituminous Seal	53,640	GAL	\$ 2.75	\$ 147,510.00	39,008.55	(14,631.45)	\$ (40,236.49)	\$ 107,273.51
	Cl. 41M Aggregate	134,090	SY	\$ 0.70	\$ 93,863.00	113,334.69	(20,755.31)	\$ (14,528.72)	\$ 79,334.28
	Remove & Replace Catch Basin Casting & Grate	1	EA	\$ 1,200.00	\$ 1,200.00	6	5	\$ 6,000.00	\$ 7,200.00
	Preformed Patterned Pvmnt Mk - 24in Line, Grooved	(196)	LF	\$ 34.00	\$ (6,664.00)	-	196	\$ 6,664.00	\$ -
	Epoxy Paint Pvmnt Mk - 6in Line	(200)	LF	\$ 9.74	\$ (1,948.00)	-	200	\$ 1,948.00	\$ -
	Epoxy Paint Pvmnt Mk - 4in Line	(5,862)	LF	\$ 0.50	\$ (2,931.00)	-	5,862	\$ 2,931.00	\$ -
C.O. 2	<b>Added Bid Items</b>								
	Removal of Hot Bitum. Pavement	(2,200)	SY	\$ 19.25	\$ (42,350.00)	-	2,200	\$ 42,350.00	\$ -
	Removal of Hot Bitum. Pavement (HBP Only)	2,200	SY	\$ 19.25	\$ 42,350.00	-	(2,200)	\$ (42,350.00)	\$ -
	Adjust Manhole	(60)	EA	\$ 600.00	\$ (36,000.00)	-	60	\$ 36,000.00	\$ -
	Adjust Manhole (Adjusting Ring)	60	EA	\$ 300.00	\$ 18,000.00	-	(60)	\$ (18,000.00)	\$ -
C.O. 3	<b>Asphalt Millings</b>	152	TON	\$ 25.00	\$ 3,790.50	162.48	10.86	\$ 271.50	\$ 4,062.00
C.O. 4	<b>Remove &amp; Replacement Manhole Casting</b>	20	EA	\$ 1,000.00	\$ 20,000.00	20	-	\$ -	\$ 20,000.00
	<b>Total Chnng Order 1-4</b>				\$ 268,326.20				
	<b>TOTAL COMPLETED TO DATE</b>				\$ 2,472,030.60			\$ (30,033.15)	\$ 2,710,323.65

Engineer:  
Ackerman-Estvoid Engineering  
Minot, North Dakota

Engineer's Opinion of Probable Costs - Preliminary 95%  
 Flood Inundated Areas Street Rehab - Section 2, Minot Project 3873.2  
 Minot, North Dakota

Item No.	Description	Unit	Quantity	Unit Price	Subtotal
1	Contract Bond	LS	1	\$50,000.00	\$50,000.00
2	Mobilization	LS	1	\$125,000.00	\$125,000.00
3	Traffic Control	LS	1	\$50,000.00	\$50,000.00
4	Flagging	LS	1	\$5,000.00	\$5,000.00
5	Material Testing	LS	1	\$15,000.00	\$15,000.00
6	Remove & Replace Curb & Gutter	LF	3640	\$40.00	\$145,600.00
7	Remove & Replace Concrete Valley Gutter	SY	113	\$115.00	\$12,995.00
8	Concrete Valley Gutter	SY	13	\$100.00	\$1,300.00
9	Remove & Replace Concrete Patch	SY	58	\$120.00	\$6,960.00
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16	Crack Sealing - Non Routed	LF	9740	\$1.00	\$9,740.00
17	CRS-2P Bituminous Seal	Gal	43840	\$8.00	\$350,720.00
18	Cl. 41M Aggregate	SY	109600	\$1.75	\$191,800.00
19	Rehab Sanitary Manhole	VF	430	\$350.00	\$150,500.00
20	Remove & Replace Catch Basin Casting & Grate	EA	8	\$1,000.00	\$8,000.00
21	Remove & Replace Gate Valve Casting	EA	10	\$1,000.00	\$10,000.00
22	Adjust Manhole	EA	71	\$300.00	\$21,300.00
23	Adjust Gate Valve Box	EA	15	\$200.00	\$3,000.00
24	Temporary Striping	LS	1	\$4,000.00	\$4,000.00
25	Preformed Patterned Pvmnt Mk - Message	EA	4	\$400.00	\$1,600.00
26	Preformed Patterned Pvmnt Mk - 24in Line	LF	490	\$36.00	\$17,640.00
27	Epoxy Paint Pvmnt Mk - 6in Line	LF	220	\$5.00	\$1,100.00
28	Epoxy Paint Pvmnt Mk - 4in Line	LF	17360	\$3.00	\$52,080.00
				<b>District 2 Subtotal</b>	<b>\$3,924,755.00</b>

**CONSTRUCTION TOTAL \$3,924,755.00**

Engineer's opinions of probable construction cost are made on the basis of Engineer's experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional generally familiar with the construction industry. However, since Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by

Contingency (12%) \$470,970.60

**TOTAL \$4,395,725.60**