



**CHANGE ORDER
NO. 1**

PROJECT TITLE: 2020 Street Maintenance Program Asphalt Overlay Contract, Bid No 8320
 SERVICE PROVIDER: Martin Marietta Materials
 PO NUMBER: 9200639

DESCRIPTION:

1. Reason for Change:
 - Plum Project area is canceled in 2020 due to a Utility Conflict. Reduced quantities based on project removal.
 - Danfield and Vermont, Dakota Ridge 2 and Shields South projects are being removed from the quantities to reduce the contract value due to COVID-19 reduced SMP budgets.
 - Fix error in the original contracted amount. 403.14 (in Bid Alternate 1) was added to the base bid schedule and was also included into the original PO amount. However, the traffic control percentage was not included as part of that line item and should have been. The traffic control percentage of 5.91% should have been included and the PO increased by \$40,158. This change order reflects this increase for the Bid Alternate 1 addition.
 - Reduce line item 403.14 since the SMP program is not planning to do any more fiber mix installations this year.

2. Description of Change:
 - Reduced quantities for line items 202.01, 202.04, 403.04, 403.05, and 403.14 appropriately. Line item 630.01 traffic control percentage was recalculated based on changes to quantities.
 - See change order spreadsheet for detailed changes.

3. Change in Contract Cost: (\$1,730,322.53)

4. Change in Contract Time: -25 days

ORIGINAL CONTRACT COST	\$5,573,679.08
TOTAL APPROVED CHANGE ORDERS	\$0.00
TOTAL PENDING CHANGE ORDERS	\$0.00
TOTAL THIS CHANGE ORDER	-1,730,322.53
TOTAL % OF THIS CHANGE ORDER	-31.04%
TOTAL C.O. % OF ORIGINAL CONTRACT	-31.04%
ADJUSTED CONTRACT COST	\$3,843,356.55

DocuSigned by:
 SERVICE PROVIDER: Kenneth Ball DATE: 5/21/2020
47840E15912A184
 Kenneth Ball

DocuSigned by:
 ACCEPTANCE: Michael Knox DATE: 5/21/2020
ACAB50A8D837442...
 Mike Knox, Project Manager

DocuSigned by:
 REVIEWED: Elliot Dale DATE: 5/26/2020
3C00507F4191423...
 Elliot Dale, Senior Buyer

DocuSigned by:
 ACCEPTANCE: Gerry Paul DATE: 5/26/2020
A8DDA054C8CB45D
 Gerry Paul, Purchasing Director
 (if greater than \$60,000)

2020 City of Fort Collins- Asphalt Overlay Project									
Item No.	Item Description	Original Contract Quantities	Units	Pay App #	Change Order 1	COI- Change in Quantities	COI- Change in Cost	Revised Contract Quantities	Revised Contract Total Cost
				Date Range					
103.03	Bond Procurement and Mobilization	1	Lump Sum	\$59,000.00	\$ 59,000.00		\$ -	1.00	\$ 59,000.00
202.01	Planing and Surface Preparation: Depth < or = 3" (Min Drum Width 70")	129,500	Square Yard	\$3.47	\$ 449,365.00	-50,189.00	\$ (174,155.83)	79,311.00	\$ 275,209.17
202.02	Planing and Surface Preparation: Depth > 3" and < or = 5" (Min Drum Width 70")	52,000	Square Yard	\$4.44	\$ 230,880.00		\$ -	52,000.00	\$ 230,880.00
202.04	Taper Planing Adjacent to Gutter	57,000	Lineal Foot	\$2.55	\$ 145,350.00	-34,510.00	\$ (88,000.50)	22,490.00	\$ 57,349.50
202.06	Bobcat Style Milling < or = 3" - Drum Width 18-24"	100	Square Yard	\$6.50	\$ 650.00		\$ -	100.00	\$ 650.00
202.07	Bobcat Style Milling - Additional Inch Thickness	100	Square Yard/Per Inch	\$0.65	\$ 65.00		\$ -	100.00	\$ 65.00
202.08	Additional Saw Cutting of Asphalt - 3" Minimum	100	Lineal Foot	\$2.10	\$ 210.00		\$ -	100.00	\$ 210.00
203.01	Excavation	100	Cubic Yard	\$26.78	\$ 2,678.00		\$ -	100.00	\$ 2,678.00
203.04	Borrow (Complete in Place) - Less Than 100 Ton	25	Ton	\$41.00	\$ 1,025.00		\$ -	25.00	\$ 1,025.00
203.06	Borrow (Shouldering - Complete in Place) 3/4" Minus RAP	500	Lineal Foot	\$1.62	\$ 810.00		\$ -	500.00	\$ 810.00
208.01	Rock Wattle	25	Lineal Foot	\$3.59	\$ 89.75		\$ -	25.00	\$ 89.75
208.02	Crumb Rubber Wattle	500	Lineal Foot	\$12.80	\$ 6,400.00		\$ -	500.00	\$ 6,400.00
208.04	SWMP Maintenance Log - 14 Day Inspection	10	Each	\$200.00	\$ 2,000.00		\$ -	10.00	\$ 2,000.00
210.02	Adjust Valve Box	50	Each	\$175.00	\$ 8,750.00		\$ -	50.00	\$ 8,750.00
210.03	Adjust Valve Box with Ring	100	Each	\$77.00	\$ 7,700.00		\$ -	100.00	\$ 7,700.00
210.04	Adjust Valve Box-Tyler 6860 Series, Item R 69, Screw Type Adjustable Riser	10	Each	\$96.00	\$ 960.00		\$ -	10.00	\$ 960.00
210.05	Adjust and Replace Top Section of Valve Box	10	Each	\$341.00	\$ 3,410.00		\$ -	10.00	\$ 3,410.00
210.09	Total Valve Box Replacement, Tyler 6860 Series, 30" Bottom Section	5	Each	\$520.00	\$ 2,600.00		\$ -	5.00	\$ 2,600.00
210.10	Adjust Standard Manhole ≤24"	10	Each	\$415.00	\$ 4,150.00		\$ -	10.00	\$ 4,150.00
210.11	Adjust Special Manhole >24"	5	Each	\$495.00	\$ 2,475.00		\$ -	5.00	\$ 2,475.00
210.12	Adjust Manhole with Ring	100	Each	\$216.00	\$ 21,600.00		\$ -	100.00	\$ 21,600.00
210.13	Adjust Manhole with Locking Ring ≤24" dia, ≤ 3" height	5	Each	\$225.00	\$ 1,125.00		\$ -	5.00	\$ 1,125.00
210.14	Adjust Manhole with Locking Ring ≤24" dia, > 3" height	5	Each	\$225.00	\$ 1,125.00		\$ -	5.00	\$ 1,125.00
210.15	Adjust Manhole with Locking Ring >24" dia, ≤ 3" height	5	Each	\$240.00	\$ 1,200.00		\$ -	5.00	\$ 1,200.00
210.16	Adjust Manhole with Locking Ring >24" dia, > 3" height	5	Each	\$240.00	\$ 1,200.00		\$ -	5.00	\$ 1,200.00
210.17	Arterial Manhole Incentive Achieved	10	\$500/Each	0	\$ -		\$ -	10.00	\$ -
403.02	HMA - Grading SX, (75) 64-22 Binder	100	Ton	\$76.66	\$ 7,666.00		\$ -	100.00	\$ 7,666.00
403.03	HMA - Grading S, (75) 58-28 Binder	100	Ton	\$74.98	\$ 7,498.00		\$ -	100.00	\$ 7,498.00
403.04	HMA - Grading S, (75) 64-22 Binder	14,000	Ton	\$74.98	\$ 1,049,720.00	-8,871.00	\$ (665,147.58)	5,129.00	\$ 384,572.42
403.05	HMA - Grading S, (75) 64-28 Modified Binder	20,000	Ton	\$80.60	\$ 1,612,000.00	-5,621.00	\$ (453,052.60)	14,379.00	\$ 1,158,947.40

403.07	HMA - Grading S 75/100 Hand Patching - Remove & Replace	1,000	Ton	\$145.00	\$ 145,000.00		\$ -	1,000.00	\$ 145,000.00
403.08	HMA Paver Patching - Remove & Replace	1,500	Ton	\$138.00	\$ 207,000.00		\$ -	1,500.00	\$ 207,000.00
403.09	HMA Grading SX, (75) 64-22 Leveling ≤ 50 Tons	100	Tons/Project	\$78.00	\$ 7,800.00		\$ -	100.00	\$ 7,800.00
403.10	HMA Grading SX, (75) 64-22 Leveling: 51 to 100 Tons	100	Tons/Project	\$78.00	\$ 7,800.00		\$ -	100.00	\$ 7,800.00
403.11	HMA Grading SX, (75) 64-22 Leveling: : > 100 Tons	100	Tons/Project	\$78.00	\$ 7,800.00		\$ -	100.00	\$ 7,800.00
403.12	HMA Grading SX, (75) 64-22 Leveling/Thin Overlay: 150 and Greater	100	Tons/Day	\$78.00	\$ 7,800.00		\$ -	100.00	\$ 7,800.00
403.13	HMA - Speed Humps, Grading S/SX (75) 64-22	2,000	Square Yard	\$40.50	\$ 81,000.00		\$ -	2,000.00	\$ 81,000.00
403.14	HMA Grading S (75) 64-28 Modified Binder with Fiber	7,500	Ton	\$90.60	\$ 679,500.00	-3,215.54	\$ (291,327.92)	4,284.46	\$ 388,172.08
420.01	Geotextile Paving Fabric	100	Square Yard	\$1.90	\$ 190.00		\$ -	100.00	\$ 190.00
420.02	GlassGrid® #8511 - Small Quantity Installation	100	Square Yard	\$10.23	\$ 1,023.00		\$ -	100.00	\$ 1,023.00
627.01	Installation of Thermoplastic	90	Hour	\$253.00	\$ 22,770.00		\$ -	90.00	\$ 22,770.00
627.02	Lead Worker for Striping Layout	160	Hour	\$51.00	\$ 8,160.00		\$ -	160.00	\$ 8,160.00
627.03	Support Workers for Striping Layout	400	Hour	\$38.50	\$ 15,400.00		\$ -	400.00	\$ 15,400.00
627.04	Pavement Marking Paint	400	Gallon	\$78.00	\$ 31,200.00		\$ -	400.00	\$ 31,200.00
627.05	Pavement Mark Removal 4in (Surface Grinding)	250	Square Foot	\$6.35	\$ 1,587.50		\$ -	250.00	\$ 1,587.50
627.06	6 Inch White Line (Thermo)	1,500	Lineal Foot	\$5.90	\$ 8,850.00		\$ -	1,500.00	\$ 8,850.00
627.07	18 Inch White Line (Thermo)	4,500	Lineal Foot	\$17.70	\$ 79,650.00		\$ -	4,500.00	\$ 79,650.00
627.08	24 Inch White Line (Thermo)	100	Lineal Foot	\$21.60	\$ 2,160.00		\$ -	100.00	\$ 2,160.00
627.09	Speed Bump Stencil (Thermo)	35	Each	\$163.00	\$ 5,705.00		\$ -	35.00	\$ 5,705.00
627.10	Bike Symbol (6 ft) W/ Arrow (Thermo)	60	Each	\$451.00	\$ 27,060.00		\$ -	60.00	\$ 27,060.00
627.11	Right/Left Arrow Stencil (Thermo)	90	Each	\$358.00	\$ 32,220.00		\$ -	90.00	\$ 32,220.00
627.12	8 ft "ONLY" Stencil (Thermo)	2	Each	\$510.00	\$ 1,020.00		\$ -	2.00	\$ 1,020.00
627.13	"RR Kit Narrow" Stencil (Thermo)	4	Each	\$920.00	\$ 3,680.00		\$ -	4.00	\$ 3,680.00
627.14	Temporary Yellow Striping Tape Roll	2	Each Roll	\$113.00	\$ 226.00		\$ -	2.00	\$ 226.00
627.15	Temporary White Striping Tape Roll	2	Each Roll	\$113.00	\$ 226.00		\$ -	2.00	\$ 226.00
627.16	Green Bike Box (Thermo)	100	Square Foot	\$25.00	\$ 2,500.00		\$ -	100.00	\$ 2,500.00
627.17	Green Bike Way Finding Dot and Arrow (Thermo)	10	Each	\$435.00	\$ 4,350.00		\$ -	10.00	\$ 4,350.00
627.18	4 Inch White Line (Thermo)	750	Square Foot	\$11.45	\$ 8,587.50		\$ -	750.00	\$ 8,587.50
627.19	4 Inch Yellow Line (Thermo)	15	Square Foot	\$11.45	\$ 171.75		\$ -	15.00	\$ 171.75
627.20	Disabled Parking Symbol (Thermo)	5	Each	\$132.00	\$ 660.00		\$ -	5.00	\$ 660.00
627.20	Bike Sharrow (Thermo)	40	Each	\$320.00	\$12,800.00		\$ -	40.00	\$ 12,800.00
630.01	Construction Zone Traffic Control 5.91%	100%	Percent	5.91%	\$ 278,811.03		\$ (98,796.55)	5.91%	\$ 180,014.48
630.02	Variable Message Board	150	Per Each / Per Day	\$190.00	\$ 28,500.00		\$ -	150.00	\$ 28,500.00

630.03	Flagging	7,000	Hour	\$33.35	\$ 233,450.00	\$ -	7,000.00	\$ 233,450.00
630.05	Arterial Road Construction Zone Traffic Control	1	Per Each TCP Per Day Per	\$2,883.00	\$ 2,883.00	\$ -	1.00	\$ 2,883.00
630.06	Collector Road Construction Zone Traffic Control	5	Per Each TCP Per Day Per	\$2,530.00	\$ 12,650.00	\$ -	5.00	\$ 12,650.00
630.07	Residential Road Construction Zone Traffic Control	5	Per Each TCP Per Day Per	\$2,177.00	\$ 10,885.00	\$ -	5.00	\$ 10,885.00
630.08	Mobile Construction Zone Traffic Control	5	Per Hour	\$212.00	\$ 1,060.00	\$ -	5.00	\$ 1,060.00

ORIGINAL CONTRACT TOTAL					\$ 5,613,837.53	\$ 5,573,679.08		
Change Order 1							\$ (1,730,322.53)	
NEW CONTRACT TOTAL								\$ 3,843,356.55

BID ALTERNATE - 1					
Item No.	Item Description	2020 Contract Quantities	Unit		2020 Total Cost
202.03	Planing Surface Preparation 5" to 10" - Min Drum Width 70"	1,000	Square Yard	\$8.12	\$ 8,120.00
202.05	Planing Support - Labor, Equipment, Materials	30	Hour	\$790.00	\$ 23,700.00
203.02	Excavation - General Over 100 CY	1,000	Cubic Yard	\$23.50	\$ 23,500.00
203.03	Excavation - Muck	1,000	Cubic Yard	\$24.50	\$ 24,500.00
203.05	Borrow (Complete in Place) - Over 100 Ton	105	Ton	\$43.00	\$ 4,515.00
208.03	Silt Fence	50	Lineal Foot	\$2.25	\$ 112.50
210.01	Reset Mailbox	1	Each	\$265.00	\$ 265.00
210.06	Tyler 6850 Series, Item 58, 14" Valve Box Extension (Part Only)	1	Each	\$67.00	\$ 67.00
210.07	Tyler 6860 Series, 16" Valve Box Top Section Without Lid (Part Only)	15	Each	\$67.00	\$ 1,005.00
210.08	Tyler 6860 Series, 26" Valve Box Top Section Without Lid (Part Only)	6	Each	\$67.00	\$ 402.00
306.01	Reconditioning	1,000	1000	\$5.65	\$ 5,650.00
307.01	Class C Fly Ash Treated Subgrade	1,000	1000	\$13.70	\$ 13,700.00
403.01	HMA - Grading SX, (75) 58-28 Binder	1,000	Ton	\$77.00	\$ 77,000.00
403.06	HMA Grading SG, (75) 64-22 Binder	1,000	Ton	\$68.95	\$ 68,950.00
403.15	HMA Grading S (75) 64-22 Binder with Fiber	1,000	Ton	\$84.98	\$ 84,980.00
630.04	Night Work Up-Charge	1	Per Night Worked	\$5,400.00	\$ 5,400.00
BID ALTERNATE - 1 CONTRACT COST					\$ 341,866.50

Red= Original PO

Percent Change	-31.0%
Analysis	
Pay app 1	\$ 1,225,427.31
Rossbourough	\$ 672,000.00
Drake	\$ 1,416,205.00
ASTP Pavemarking	\$ 50,000.00
Traffic ops Bumps	\$ 80,000.00
	\$ 3,443,632.31
Difference/Contingency	\$ 399,724.24
Contingency	10.4%