

DRAFT

Date of Issuance: July __, 2022	Effective Date: July __, 2022
Owner: Town of Newmarket, NH	Owner's Contract No.: CWSRF #CS-330162-08
Contractor: N. Granese & Sons, Inc.	Contractor's Project No.:
Engineer: Underwood Engineers, Inc.	Engineer's Project No.: 2045
Project: New Road Water and Drainage Improvements	Contract Name: New Road Water and Drainage Improvements

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

Description: Estimated overruns for police and asphalt.

Purpose: 1. Police details were requested on New Road and will continue to be used from Route 108 to Young Lane. Use of police instead of flaggers requires a change in budget amount for traffic control.
2. An increase in asphalt cement allowance cost is necessary for paving the roadway, based on the rising cost of asphalt.

Attachments: "A" – Estimated Costs - Police & Flagger Details. "B" – Police & Flagger Estimates with project schedule. "C" – Asphalt Cement Adjustment Estimates. "D" – NH Monthly Fuel & Asphalt Prices

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ <u>1,898,738.50</u>	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ <div style="text-align: right;">days or dates</div>
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : \$ <u>67,200.00</u>	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___ : Substantial Completion: _____ Ready for Final Payment: _____ <div style="text-align: right;">days</div>
Contract Price prior to this Change Order: \$ <u>1,965,938.50</u>	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ <div style="text-align: right;">days or dates</div>
[Increase] [Decrease] of this Change Order: \$ <u>42,600 (CWSRF/ARRA = \$21,300 RD/CDBG = \$21,300)</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ <div style="text-align: right;">days or dates</div>
Contract Price incorporating this Change Order: \$ <u>2,008,538.50</u>	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ <div style="text-align: right;">days or dates</div>

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: _____ Philip MacDonald	By: _____ Steven Fournier	By: _____ Stephen G. Granese
Title: _____ Senior Project Manager	Title: _____ Town Manager	Title: _____ Vice President
Date: _____	Date: _____	Date: _____

Approved by Funding Agency:

By: _____	By: _____	By: _____
Title: <u>USDA RD State Engineer</u>	Title: <u>NHDES Const. Mngmt. Engineer</u>	Title: _____
Date: _____	Date: _____	Date: _____

CO #2 - Attachment "A"

Estimated Cost - Police & Flagger Details

CO Item 2.1 - Adjustment for Additional Police Details

Project: New Road Water and Drainage Improvements
Newmarket, NH

Item 618.6 **Estimated Cost for Police Detail (See Attach. "B")**

	Work Days	Hours	\$/Hr	Total
June	-	263	85	\$22,355
July	15	255	85	\$21,675
August/Sept	15	255	85	\$21,675

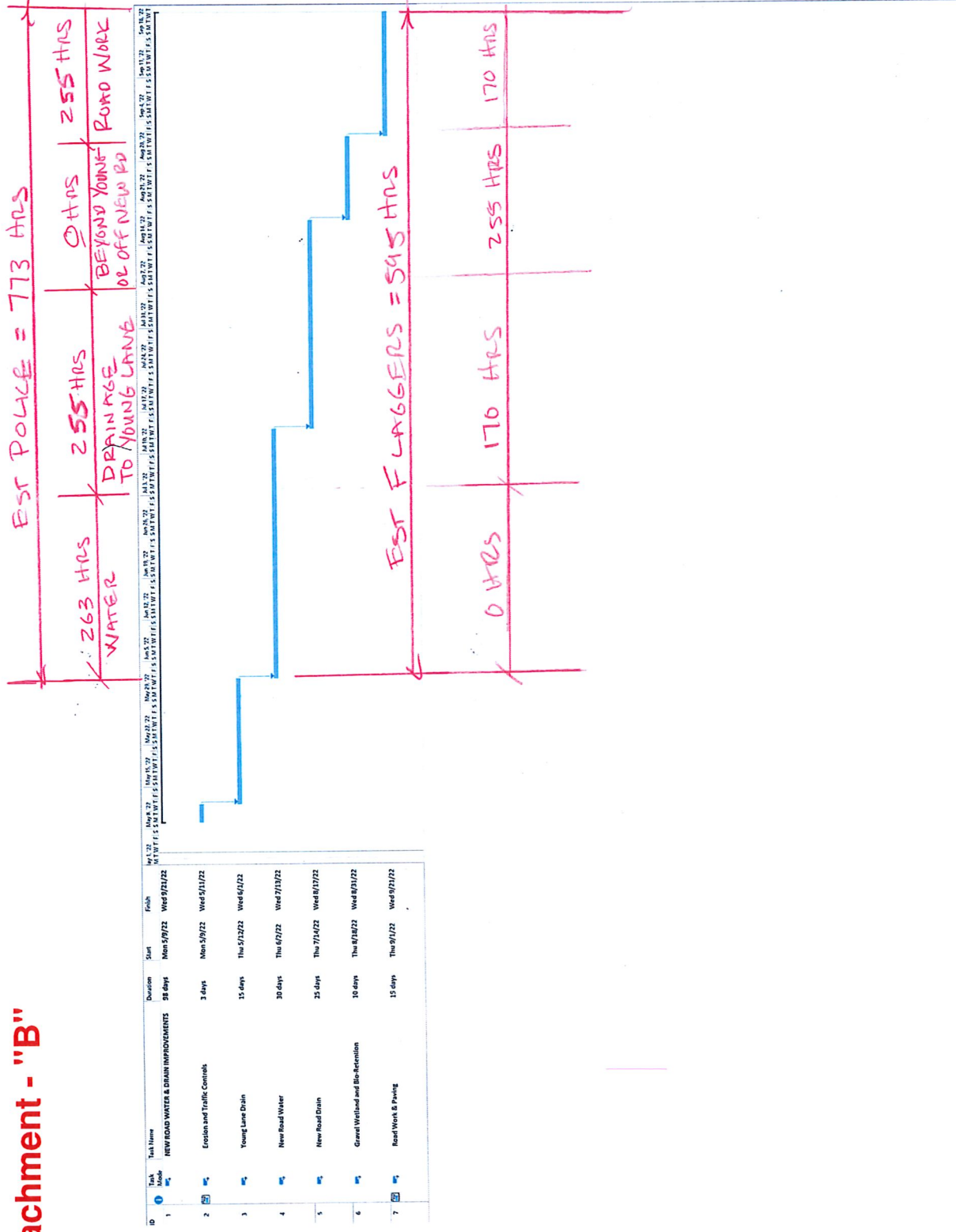
Total Estimated at Completion	\$65,705.00
Existing Budget (Police)	\$10,000.00
Estimated Shortfall - Police	\$55,705.00

Item 618.7 **Estimated Cost for Flaggers (See Attach. "B")**

	Work Days	Hours	\$/Hr	Total
June	-	-	43	\$0
July	20	170	43	\$7,310
August/Sept	20	425	43	\$18,275

Total Estimated at Completion	\$25,585.00
Existing Budget (Flaggers)	\$51,600.00
Estimated Balance - Flaggers	(\$26,015.00)
Est. Increase for Traffic Control	\$29,700.00

Attachment - "B"



Task: NEW ROAD WATER & DRAIN IMPROVEMENTS

Start: Mon 5/9/22, Finish: Wed 6/21/22, Duration: 28 days

Task: Erosion and Traffic Controls

Start: Mon 5/9/22, Finish: Wed 5/11/22, Duration: 3 days

Task: Young Lane Drain

Start: Thu 5/12/22, Finish: Wed 6/1/22, Duration: 15 days

Task: New Road Water

Start: Thu 6/2/22, Finish: Wed 7/13/22, Duration: 30 days

Task: New Road Drain

Start: Thu 7/14/22, Finish: Wed 8/17/22, Duration: 25 days

Task: Gravel Wetland and Bio-Retention

Start: Thu 8/18/22, Finish: Wed 8/31/22, Duration: 10 days

Task: Road Work & Paving

Start: Thu 9/1/22, Finish: Wed 9/21/22, Duration: 15 days

Summary: Project Summary, Task Summary, Milestones

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CO#2 - Attachment "C"

CO Item 2.2 - Estimated Asphalt Cement Adjustment

Project: New Road Water & Drainage Improvements
Newmarket NH

ITEM 1010.2 - ASPHALT CEMENT ADJUSTMENT

Contract Base Price	\$562.50
Contract Base Price minus 10%	\$506.25
Contract Base Price plus 10%	\$618.75

SUMMARY OF ASPHALT TO BE PLACED

Date: Sep-22

Estimated Asphalt Index	\$900.00
Outside 10%	yes
Delta	\$281.25
Estimated Tons to be placed	870
% virgin Asphalt	4.9%
Est. Amount (September 2022)	\$11,989.69

Date: Jun-23

Est. Asphalt Index	\$950.00
Outside 10%	yes
Delta	\$331.25
Estimated Tons to be placed	580
% virgin Asphalt	5.7%
Est. Amount (June 2023)	\$10,951.13

Estimated Total Adjustment Amount \$22,900.00

Existing Amount (Allowance) \$10,000.00

Estimated Increase for Asphalt Escalation \$12,900.00

Attachment "D"

New Hampshire Monthly Fuel and Asphalt Prices

ULS starting 11/1/2009

NE Average Starting 1/1/2012

CMS Month	iPDweb Month	Diesel Price	Asphalt Price
	July 2022	\$4.9410	\$800.00
	June 2022	\$4.7673	\$735.00
	May 2022	\$4.6360	\$692.50
	April 2022	\$4.3175	\$665.00
	March 2022	\$3.3480	\$650.00
	February 2022	\$3.2610	\$625.00
	January 2022	\$2.8775	\$625.00
	December 2021	\$2.8280	\$587.50
	November 2021	\$3.0641	\$562.50
	October 2021	\$2.7720	\$562.50
August 2021	September 2021	\$2.4150	\$562.50
July 2021	August 2021	\$2.6385	\$562.50
June 2021	July 2021	\$2.6045	\$555.00
May 2021	June 2021	\$2.5100	\$542.50
April 2021	May 2021	\$2.4010	\$527.50
March 2021	April 2021	\$2.3635	\$522.50
February 2021	March 2021	\$2.3695	\$512.50
January 2021	February 2021	\$2.1110	\$507.50
December 2020	January 2021	\$2.0030	\$495.00
November 2020	December 2020	\$1.8155	\$495.00
October 2020	November 2020	\$1.6760	\$495.00
September 2020	October 2020	\$1.6780	\$500.00
August 2020	September 2020	\$1.6990	\$492.50
July 2020	August 2020	\$1.7755	\$492.50
June 2020	July 2020	\$1.7360	\$487.50
May 2020	June 2020	\$1.4915	\$530.00
April 2020	May 2020	\$1.1670	\$540.00
March 2020	April 2020	\$1.5510	\$552.50

USE \$ 900

\$ + 135

BASE PRICE @ BID

July → Oct = 3 MONTHS = \$135/MONTH