

**A RESOLUTION OF THE TOWNSHIP OF NORTH BRUNSWICK
AMENDING THE CONTRACT BID23001 WITH LUCAS BROTHERS INC.
FOR THE 2023 ROAD IMPROVEMENT PROGRAM
CLOSEOUT CHANGE ORDER (\$1,766.43)**

WHEREAS, the Department of Community Development is responsible for construction and improvements of various municipal streets, roads and curbing; and

WHEREAS, Michael C. Hritz, the Director for the Department of Community Development, along with the Mayor and Council reviewed the pavement management plan and determined it necessary to continue with the 2023 road schedule as part of the Road Program initiated in 2000; and

WHEREAS, road segments include:

1. Corporate Road
2. Evelyn Avenue
3. Washington Place

WHEREAS, on April 17, 2023 pursuant to Resolution #136-4.23, the Township Council of the Township of North Brunswick authorized contract BID23001 with Lucas Brothers, Inc. for the 2023 Road Improvement Program, in the amount of \$2,650,650.00 for Items A-1 through C-199 inclusive, subject approvals by the New Jersey Department of Transportation.

WHEREAS, there have been no previous change orders for this project; and

WHEREAS, with favorable conditions encountered throughout the project, Lucas Brothers Inc. has presented a Closeout Change Order that reflects reductions and increases in contract quantities and supplementary items required to satisfactorily complete the work, resulting in a net reduction in the contract amount of (\$1,766.43); and

WHEREAS, CME Associates, engineering firm for this project, has reviewed and indicated in a report attached hereto that this Closeout Change Order reflects reductions and increases in contract quantities and supplementary items required to satisfactorily complete the work; and

WHEREAS, a recommendation is hereby made to authorize an amendment to the contract with Lucas Brothers Inc. reducing the contract amount by (\$1,766.43) pursuant to the Closeout Change Order prepared by CME Associates, for a revised contract amount of \$2,648,883.57.

NOW THEREFORE, BE IT RESOLVED, on this 3rd day of March 2025, the Township Council of the Township of North Brunswick does hereby authorize the Mayor to execute Closeout Change Order documents for the 2023 Road Improvement Program contract, which reflects a net contract reduction of (\$1,766.43).

Resolution: _____

Cavel Gallimore
Chief Financial Officer

Michael C. Hritz
Director of Community Development

Justine Progebin
Business Administrator

Ronald Gordon, Esq.
Township Attorney
Approved as to legal form

RECORDED VOTE:

COUNCIL MEMBER	YES	NO	ABSTAIN	NOTES
CHEIDID				
HUTCHINSON				
MEHTA				
DAVIS				
SOCIO				
GUADAGNINO				
MAYOR WOMACK				

I hereby certify that the above Resolution was duly adopted by the Township Council of the Township of North Brunswick, County of Middlesex, at its meeting held on March 3, 2025.

Lisa Russo
Township Clerk



Consulting & Municipal
ENGINEERS

3141 Bordentown Avenue
Parlin, NJ, 08859
732.727.8000 ☎
www.cmeusa1.com 🌐

February 14, 2025

Mayor and Township Council
Township of North Brunswick
710 Hermann Road
North Brunswick, NJ 08902

Re: Township of North Brunswick
2023 Road Improvement Program
Contract No. 23-001
Our File No.: 115.NO00656.P06

Dear Mayor and Township Council:

The 2023 Road Improvement Program, Contract No. 23-001 which included improvements to Corporate Road, Evelyn Avenue & Washington Place have been satisfactorily completed by the Contractor, Lucas Brothers, Inc. and we are pleased to inform you that the final construction cost is under the original contract amount for the project due primarily to favorable conditions encountered throughout the project, which resulted in the reduction of items originally included in the Contract for contingency purposes.

Accordingly, please find enclosed a completed Voucher and Closeout Change Order and Final Payment Estimate No. 12 for work performed from October 26, 2024 to February 5, 2025. We have also enclosed the State Change Order form (SA-1) as required by the NJDOT. Please note the Closeout Change Order and Final Pay Estimate No. 12 reflects reductions and increases in Contract quantities, a reduction in payment for a portion of the asphalt tonnage due to a single core, and includes supplementary items required to satisfactorily perform the work. These adjustments reduce the current contract amount from \$2,650,650.00 to \$2,648,883.57 for a net overall reduction of \$1,766.43.

The supplementary work described herein could not, in our opinion, have reasonably been effectuated by a separate bid contract without unduly disrupting the basic work and imposing adverse cost consequences on the Township and provides an improved level of service to the Residents of the Township.

CONSULTING AND MUNICIPAL ENGINEERS LLC

NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28359000

Barneget • Berlin • Camden • Howell • Medford • Monmouth Junction • Parlin



Consulting & Municipal
ENGINEERS

Mayor and Township Council
Township of North Brunswick
Re: 2023 Road Improvement Program

February 14, 2025
Our File No. 115.NO00652.P02
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Accordingly, we recommend final acceptance of the work, approval of Closeout Change Order and Final Payment Estimate No. 12 and payment to the Contractor in the amount of \$52,504.66, subject to the submission of a one (1) year 15% Maintenance Guarantee in the amount of \$397,332.54 and review and approval by the Township Attorney of the attached Closeout Change Order.

Should you have any questions regarding this matter, please do not hesitate to contact this office.

Very truly yours,

James C. Watson, P.E.
Township Engineer

JCW/pb
Enclosures

cc: Justine Progebin, Business Administrator
Lisa Russo, Township Clerk
Ronald Gordon, Esq., Township Attorney
Michael Hritz, Director of Community Development
Lucas Brothers, Inc.

VOUCHER

Date: 2/14/2025

TOWNSHIP OF NORTH BRUNSWICK, NEW JERSEY

710 Hermann Road North Brunswick, NJ 08902

PAY TO:

LUCAS BROTHERS, INC

Contract #

23-001

ADDRESS:

80 AMBOY ROAD, MORGANVILLE NJ 07751


All bills must be itemized and accurately show for what service or material the same are presented

Contract #

23-001

ACCOUNT CHARGED _____

DATE	DESCRIPTION	UNIT PRICE	TOTAL
	FOR WORK PERFORMED BY CONTRACTOR ON THE NORTH BRUNSWICK 2023 ROAD IMPROVEMENT PROGRAM FROM		
	10/26/2024 to 2/5/2025		
	IN ACCORDANCE WITH THE ATTACHED		
	CLOSEOUT CHANGEORDER AND FINAL PAY ESTIMATE NO. 12		
	TOTAL VALUE OF WORK COMPLETED		\$2,648,883.57
	LESS RETAINAGE		\$0.00
	BALANCE		\$2,648,883.57
	LESS PREVIOUS PAYMENTS		\$2,596,378.91
	TOTAL AMOUNT DUE	TOTAL	\$52,504.66

<p style="text-align: center;">CLAIMANTS CERTIFICATION AND DECLARATION</p> <p>I do solemnly declare and certify under the penalties of the law that the within bill is correct in all its particulars; that the articles have been furnished or services rendered as stated therein; that no bonus has been given or received by any person or persons with the knowledge of this claimant in connection with the above claim; that the amount therein stated is justly due and owing; and that the amount charged is a reasonable one.</p> <div style="text-align: center;">  </div> <p>(Sign Here) _____</p> <p>Official Position <u>Luis Lucas, President</u></p> <p>T.I.N./S.S.# <u>22-2261741</u></p>	<p style="text-align: center;">MUNICIPAL OFFICER'S CERTIFICATION</p> <p>Having knowledge of the facts in the course of regular procedures, I certify that the materials and supplies have been received or the services rendered; said certification is based on delivery slips acknowledged by a municipal official or employee or other reasonable procedures.</p> <p>(Sign Here) _____</p> <p>Official Position _____</p>	<p>APPROVED BY:</p> <p style="text-align: center;">_____ Certified Financial Officer</p> <p>Date _____</p> <hr/> <p>PAYMENT RECORD</p> <p>DATE: _____</p> <p>CHECK: _____</p>
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**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID	TOTAL	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)	Quantity	(Dollar	Cents)	Quantity	Extension	Quantity
	Corporate Road (A-1 through A-47)									
A-1	Mobilization	LS	\$70,000.00		1	\$70,000.00	1.00	\$70,000.00	1.00	\$70,000.00
A-2	Breakaway barricade	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-3	Drum	UN	\$1.00		16	\$16.00	10.00	\$10.00	10.00	\$10.00
A-4	Traffic cone	UN	\$1.00		50	\$50.00	40.00	\$40.00	40.00	\$40.00
A-5	Construction signs	SF	\$19.00		122	\$2,318.00	122.00	\$2,318.00	122.00	\$2,318.00
A-6	Traffic director, Municipal Police Allowance (\$20,000.00)	ALLOW	\$20,000.00		1	\$20,000.00	0.39609	\$7,921.80	0.39609	\$7,921.80
A-7	Flashing arrow board, 4'x8'	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-8	Portable variable message sign	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-9	Traffic control truck with mounted crash cushion	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-10	Asphalt price adjustment (\$7,000.00)	ALLOW	\$7,000.00		1	\$7,000.00	0.2917515	\$2,042.26	0.2917515	\$2,042.26
A-11	Fuel price adjustment (\$8,000.00)	ALLOW	\$8,000.00		1	\$8,000.00	0.00	\$0.00	0.00	\$0.00
A-12	Allowance for work not specified (\$10,000.00)	ALLOW	\$10,000.00		1	\$10,000.00	0.00	\$0.00	0.00	\$0.00
A-13	Remove existing curb or rolled curb and gutter	LF	\$1.00		2151	\$2,151.00	1,992.00	\$1,992.00	1,992.00	\$1,992.00
A-14	Clearing site (L.S. \$15,000.00)	LS	\$15,000.00		1	\$15,000.00	1.00	\$15,000.00	1.00	\$15,000.00
A-15	Excavation, unclassified	CY	\$0.01		1668	\$16.68	962.00	\$9.62	962.00	\$9.62
A-16	Remove and replace roadway base	SY	\$0.01		963	\$9.63	0.00	\$0.00	0.00	\$0.00
A-17	Driveway excavation, unclassified	CY	\$1.00		93	\$93.00	0.00	\$0.00	0.00	\$0.00
A-18	Excavation, unclassified, test pit	CY	\$0.01		66	\$0.66	0.00	\$0.00	0.00	\$0.00
A-19	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	CY	\$10.00		467	\$4,670.00	0.00	\$0.00	0.00	\$0.00
A-20	Geotextile roadway stabilization	SY	\$1.00		1870	\$1,870.00	0.00	\$0.00	0.00	\$0.00
A-21	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	CY	\$10.00		585	\$5,850.00	0.00	\$0.00	0.00	\$0.00
A-22	HMA milling, 3" or less	SY	\$4.50		4592	\$20,664.00	4,574.00	\$20,583.00	4,574.00	\$20,583.00
A-23	Polymerized joint adhesive	LF	\$0.01		5805	\$58.05	0.00	\$0.00	0.00	\$0.00
A-24	Tack Coat	GAL	\$0.01		1183	\$11.83	1,075.00	\$10.75	1,075.00	\$10.75
A-25	Prime Coat	GAL	\$0.01		1646	\$16.46	0.00	\$0.00	0.00	\$0.00
A-26	Hot mix asphalt 9.5M64 surface and leveler course	TON	\$130.00		1065	\$138,450.00	1,009.77	\$131,270.10	1,009.77	\$131,270.10
A-27	Hot mix asphalt 19M64 base course	TON	\$65.00		1235	\$80,275.00	935.24	\$60,790.60	935.24	\$60,790.60
A-28	Reset existing casting	UN	\$150.00		14	\$2,100.00	13.00	\$1,950.00	13.00	\$1,950.00
A-29	Bicycle safe grate	UN	\$320.00		14	\$4,480.00	13.00	\$4,160.00	13.00	\$4,160.00
A-30	Curb piece type N-ECO	UN	\$250.00		12	\$3,000.00	13.00	\$3,250.00	13.00	\$3,250.00
A-31	Concrete driveways, reinforced, 10" thick, commercial	SY	\$150.00		110	\$16,500.00	0.00	\$0.00	0.00	\$0.00
A-32	Hot mix asphalt driveway, 6" thick, commercial	SY	\$100.00		220	\$22,000.00	181.80	\$18,180.00	181.80	\$18,180.00
A-33	8" x 18" concrete vertical curb	LF	\$35.00		151	\$5,285.00	150.50	\$5,267.50	150.50	\$5,267.50
A-34	Concrete curb and gutter	LF	\$45.00		2001	\$90,045.00	1,920.00	\$86,400.00	1,920.00	\$86,400.00
A-35	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	LF	\$4.00		163	\$652.00	150.00	\$600.00	150.00	\$600.00
A-36	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	LF	\$25.00		17	\$425.00	17.00	\$425.00	17.00	\$425.00

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID Quantity	TOTAL (Dollar Cents)	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)			Quantity	Extension	Quantity	Extension
A-37	Signs	SF	\$50.00		33	\$1,650.00	30.00	\$1,500.00	30.00	\$1,500.00
A-38	Reset water valve box to grade	UN	\$270.00		2	\$540.00	0.00	\$0.00	0.00	\$0.00
A-39	Miscellaneous concrete, Class B	CY	\$1.00		5	\$5.00	0.00	\$0.00	0.00	\$0.00
A-40	Remove additional trees over 4" up to and including 8" caliper	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-41	Remove additional trees over 8" up to and including 12" caliper	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-42	Remove additional trees over 12" up to and including 16" caliper	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-43	Remove additional trees over 16" caliper	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
A-44	Topsoiling, 4" thick	SY	\$6.00		952	\$5,712.00	926.37	\$5,558.22	926.37	\$5,558.22
A-45	Fertilizing	SY	\$1.00		952	\$952.00	926.37	\$926.37	926.37	\$926.37
A-46	Sodding	SY	\$8.25		952	\$7,854.00	926.37	\$7,642.55	926.37	\$7,642.55
A-47	Replacement trees	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
SUP-A1	Asphalt Penalty applied to item A-26 HMA 9.5M64 Surface and Leveler Course as per core testing results at -2% of 1009.77 Tons at \$130 / Ton - Corporate Road	LS	-\$2,625.40				1.00	-\$2,625.40	1.00	-\$2,625.40
	Evelyn Avenue (B-48 through B-113)									
B-48	Mobilization	LS	\$125,000.00		1	\$125,000.00	1.00	\$125,000.00	1.00	\$125,000.00
B-49	Breakaway barricade	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
B-50	Drum	UN	\$1.00		20	\$20.00	18.00	\$18.00	18.00	\$18.00
B-51	Traffic cone	UN	\$1.00		50	\$50.00	45.00	\$45.00	45.00	\$45.00
B-52	Construction signs	SF	\$18.00		138	\$2,484.00	138.00	\$2,484.00	138.00	\$2,484.00
B-53	Traffic director, Municipal Police Allowance (\$26,000.00)	ALLOW	\$26,000.00		1	\$26,000.00	0.547684620	\$14,239.80	0.547684620	\$14,239.80
B-54	Flashing arrow board, 4'x8'	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
B-55	Portable variable message sign	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
B-56	Traffic control truck with mounted crash cushion	UN	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
B-57	Asphalt price adjustment (\$5,000.00)	ALLOW	\$5,000.00		1	\$5,000.00	-0.14086020	-\$704.30	-0.14086020	-\$704.30
B-58	Fuel price adjustment (\$7,000.00)	ALLOW	\$7,000.00		1	\$7,000.00	0.00	\$0.00	0.00	\$0.00
B-59	Allowance for work not specified (\$10,000.00)	ALLOW	\$10,000.00		1	\$10,000.00	0.9982	\$9,982.00	0.9982	\$9,982.00
B-60	Remove existing curb or rolled curb and gutter	LF	\$1.00		1142	\$1,142.00	1,122.00	\$1,122.00	1,122.00	\$1,122.00
B-61	Remove existing walks	SF	\$0.01		181	\$1.81	21.00	\$0.21	21.00	\$0.21
B-62	Clearing site (L.S. \$15,000.00)	LS	\$15,000.00		1	\$15,000.00	1.00	\$15,000.00	1.00	\$15,000.00
B-63	Excavation, unclassified	CY	\$0.01		2339	\$23.39	1,530.00	\$15.30	1,530.00	\$15.30
B-64	Driveway excavation, unclassified	CY	\$1.00		86	\$86.00	7.40	\$7.40	7.40	\$7.40
B-65	Excavation, unclassified, test pit	CY	\$0.01		182	\$1.82	17.00	\$0.17	17.00	\$0.17
B-66	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	CY	\$10.00		656	\$6,560.00	232.00	\$2,320.00	232.00	\$2,320.00
B-67	Geotextile roadway stabilization	SY	\$0.01		1967	\$19.67	0.00	\$0.00	0.00	\$0.00
B-68	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	CY	\$10.00		722	\$7,220.00	686.10	\$6,861.00	686.10	\$6,861.00
B-69	Polymerized joint adhesive	LF	\$0.01		4444	\$44.44	0.00	\$0.00	0.00	\$0.00

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID	TOTAL	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)	Quantity	(Dollar	Cents)	Quantity	Extension	Quantity
B-70	Tack Coat	GAL	\$0.01		651	\$6.51	280.00	\$2.80	280.00	\$2.80
B-71	Prime Coat	GAL	\$0.01		2164	\$21.64	0.00	\$0.00	0.00	\$0.00
B-72	Hot mix asphalt 9.5M64 surface and leveler course	TON	\$115.00		510	\$58,650.00	492.50	\$56,637.50	492.50	\$56,637.50
B-73	Hot mix asphalt 19M64 base course	TON	\$100.00		1526	\$152,600.00	1,526.27	\$152,627.00	1,526.27	\$152,627.00
B-74	Dense graded aggregate for pipe trench	CY	\$0.01		640	\$6.40	423.00	\$4.23	423.00	\$4.23
B-75	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill	LF	\$28.00		2789	\$78,092.00	2,782.00	\$77,896.00	2,782.00	\$77,896.00
B-76	PVC, SDR-35 Leader drain extension or reconstruction	UN	\$115.00		4	\$460.00	4.00	\$460.00	4.00	\$460.00
B-77	Connect leader or sump drain to proposed 6" dia. PPT underdrain	UN	\$115.00		9	\$1,035.00	8.00	\$920.00	8.00	\$920.00
B-78	19" X 30" elliptical reinforced concrete pipe (RCP), Class IV storm sewer with flexible watertight gaskets	LF	\$155.00		1708	\$264,740.00	1,692.00	\$262,260.00	1,692.00	\$262,260.00
B-79	Inlet type B, 6" head	UN	\$5,700.00		3	\$17,100.00	3.00	\$17,100.00	3.00	\$17,100.00
B-80	Inlet type B2, 6" head	UN	\$7,400.00		3	\$22,200.00	3.00	\$22,200.00	3.00	\$22,200.00
B-81	Inlet double type B, 6" head	UN	\$9,800.00		2	\$19,600.00	2.00	\$19,600.00	2.00	\$19,600.00
B-82	Handhole with casting (Minimum unit price bid \$200.00/UN)	UN	\$3,000.00		6	\$18,000.00	6.00	\$18,000.00	6.00	\$18,000.00
B-83	Reset existing casting	UN	\$270.00		2	\$540.00	2.00	\$540.00	2.00	\$540.00
B-84	Set manhole casting	UN	\$130.00		4	\$520.00	4.00	\$520.00	4.00	\$520.00
B-85	Manhole cover	UN	\$500.00		4	\$2,000.00	4.00	\$2,000.00	4.00	\$2,000.00
B-86	Bicycle safe grate	UN	\$320.00		2	\$640.00	1.00	\$320.00	1.00	\$320.00
B-87	Curb piece type N-ECO	UN	\$250.00		2	\$500.00	1.00	\$250.00	1.00	\$250.00
B-88	Concrete sidewalks, 4" thick	SF	\$9.00		181	\$1,629.00	21.00	\$189.00	21.00	\$189.00
B-89	Concrete driveways, reinforced, 6" thick	SF	\$10.00		469	\$4,690.00	638.90	\$6,389.00	638.90	\$6,389.00
B-90	Hot mix asphalt driveway, 2" thick	SY	\$55.00		190	\$10,450.00	217.00	\$11,935.00	217.00	\$11,935.00
B-91	Aggregate driveway, 4" thick	SY	\$40.00		20	\$800.00	15.00	\$600.00	15.00	\$600.00
B-92	Driveway restoration, pavers	SF	\$11.50		428	\$4,922.00	428.00	\$4,922.00	428.00	\$4,922.00
B-93	Detectable warning surface	SY	\$350.00		5	\$1,750.00	0.00	\$0.00	0.00	\$0.00
B-94	8" x 16" concrete vertical curb	LF	\$35.00		119	\$4,165.00	98.00	\$3,430.00	98.00	\$3,430.00
B-95	8" x 18" concrete vertical curb	LF	\$35.00		42	\$1,470.00	39.00	\$1,365.00	39.00	\$1,365.00
B-96	Concrete rolled curb	LF	\$35.00		2774	\$97,090.00	2,722.00	\$95,270.00	2,722.00	\$95,270.00
B-97	Reset granite block curb	LF	\$35.00		30	\$1,050.00	58.00	\$2,030.00	58.00	\$2,030.00
B-98	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	LF	\$4.00		110	\$440.00	100.00	\$400.00	100.00	\$400.00
B-99	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	LF	\$25.00		35	\$875.00	27.00	\$675.00	27.00	\$675.00
B-100	Signs	SF	\$50.00		40	\$2,000.00	33.25	\$1,662.50	33.25	\$1,662.50
B-101	Temporary trench repair	SY	\$0.01		1142	\$11.42	0.00	\$0.00	0.00	\$0.00
B-102	Reset water valve box to grade	UN	\$270.00		2	\$540.00	3.00	\$810.00	3.00	\$810.00
B-103	Furnish and install water main utility crossings in accordance with the details	UN	\$50.00		6	\$300.00	0.00	\$0.00	0.00	\$0.00
B-104	Miscellaneous concrete, Class B	CY	\$1.00		5	\$5.00	0.00	\$0.00	0.00	\$0.00

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID	TOTAL	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)	Quantity	(Dollar	Cents)	Quantity	Extension	Quantity
B-105	Remove additional trees over 4" up to and including 8" caliper	UN	\$1.00		2	\$2.00	4.00	\$4.00	4.00	\$4.00
B-106	Remove additional trees over 8" up to and including 12" caliper	UN	\$1.00		2	\$2.00	2.00	\$2.00	2.00	\$2.00
B-107	Remove additional trees over 12" up to and including 16" caliper	UN	\$1.00		2	\$2.00	6.00	\$6.00	6.00	\$6.00
B-108	Remove additional trees over 16" caliper	UN	\$1.00		2	\$2.00	3.00	\$3.00	3.00	\$3.00
B-109	Topsoiling, 4" thick	SY	\$6.00		1631	\$9,786.00	2,356.00	\$14,136.00	2,356.00	\$14,136.00
B-110	Fertilizing	SY	\$1.30		1631	\$2,120.30	2,356.00	\$3,062.80	2,356.00	\$3,062.80
B-111	Sodding	SY	\$9.50		1631	\$15,494.50	1,455.07	\$13,823.17	1,455.07	\$13,823.17
B-112	Replacement trees	UN	\$1.00		4	\$4.00	11.00	\$11.00	11.00	\$11.00
B-113	Replacement shrubs	UN	\$1.00		4	\$4.00	4.00	\$4.00	4.00	\$4.00
SUP-B1	Relocate existing water services in conflict with proposed storm drainage pipe for Lots 4, 5, 6, 7, 8, 9, 10, 11 & 12 in Block 3 as per Township request	UN	\$1,900.00				9.00	\$17,100.00	9.00	\$17,100.00
	Washington Place (C-114 through C-199)									
C-114	Mobilization	LS	\$167,803.52		1	\$167,803.52	1.00	\$167,803.52	1.00	\$167,803.52
C-115	Breakaway barricade	UN	\$1.00		18	\$18.00	6.00	\$6.00	6.00	\$6.00
C-116	Drum	UN	\$1.00		31	\$31.00	25.00	\$25.00	25.00	\$25.00
C-117	Traffic cone	UN	\$1.00		100	\$100.00	50.00	\$50.00	50.00	\$50.00
C-118	Construction signs	SF	\$24.00		80	\$1,920.00	509.00	\$12,216.00	509.00	\$12,216.00
C-119	Traffic director, Municipal Police Allowance (\$101,000.00)	ALLOW	\$101,000.00		1	\$101,000.00	0.9159994	\$92,515.94	0.9159994	\$92,515.94
C-120	Flashing arrow board, 4'x8'	UN	\$1.00		1	\$1.00	1.00	\$1.00	1.00	\$1.00
C-121	Portable variable message sign	UN	\$1.00		1	\$1.00	2.00	\$2.00	2.00	\$2.00
C-122	Traffic control truck with mounted crash cushion	UN	\$1.00		1	\$1.00	1.00	\$1.00	1.00	\$1.00
C-123	Asphalt price adjustment (\$2,000.00)	ALLOW	\$2,000.00		1	\$2,000.00	1.3496938	\$2,699.39	1.3496938	\$2,699.39
C-124	Fuel price adjustment (\$5,000.00)	ALLOW	\$5,000.00		1	\$5,000.00	0.00	\$0.00	-0.09653	-\$482.66
C-125	Allowance for work not specified (\$10,000.00)	ALLOW	\$10,000.00		1	\$10,000.00	0.88935	\$8,893.50	0.88935	\$8,893.50
C-126	Remove existing curb or rolled curb & gutter	LF	\$1.00		413	\$413.00	400.00	\$400.00	400.00	\$400.00
C-127	Remove existing walks	SF	\$0.01		1664	\$16.64	0.00	\$0.00	0.00	\$0.00
C-128	Remove and dispose of existing storm sewer structures (salvage castings)	UN	\$1.00		2	\$2.00	2.00	\$2.00	2.00	\$2.00
C-129	Remove and dispose of existing storm sewer pipes	LF	\$1.00		43	\$43.00	39.00	\$39.00	39.00	\$39.00
C-130	Remove existing fire hydrant, run-out and valve along municipal roadway, salvage hydrant to owner	UN	\$1.00		1	\$1.00	1.00	\$1.00	1.00	\$1.00
C-131	Clearing site (L.S. \$15,000.00)	LS	\$15,000.00		1	\$15,000.00	1.00	\$15,000.00	1.00	\$15,000.00
C-132	Excavation, unclassified	CY	\$0.01		1426	\$14.26	0.00	\$0.00	0.00	\$0.00
C-133	Remove and replace roadway base	SY	\$0.01		444	\$4.44	0.00	\$0.00	0.00	\$0.00
C-134	Driveway excavation, unclassified	CY	\$0.01		117	\$1.17	0.00	\$0.00	0.00	\$0.00
C-135	Excavation, unclassified, test pit	CY	\$70.00		85	\$5,950.00	79.40	\$5,558.00	79.40	\$5,558.00
C-136	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	CY	\$10.00		226	\$2,260.00	0.00	\$0.00	0.00	\$0.00
C-137	Geotextile roadway stabilization	SY	\$0.01		676	\$6.76	0.00	\$0.00	0.00	\$0.00

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID	TOTAL	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)	Quantity	(Dollar	Cents)	Quantity	Extension	Quantity
C-138	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	CY	\$10.00		836	\$8,360.00	573.00	\$5,730.00	573.00	\$5,730.00
C-139	HMA milling, 3" or less	SY	\$2.50		2439	\$6,097.50	3,590.00	\$8,975.00	3,590.00	\$8,975.00
C-140	Polymerized joint adhesive	LF	\$0.01		3779	\$37.79	0.00	\$0.00	0.00	\$0.00
C-141	Tack Coat	GAL	\$0.01		640	\$6.40	0.00	\$0.00	0.00	\$0.00
C-142	Prime Coat	GAL	\$0.01		792	\$7.92	0.00	\$0.00	0.00	\$0.00
C-143	Hot mix asphalt 9.5M64 surface and leveler course	TON	\$95.00		633	\$60,135.00	820.01	\$77,900.95	820.01	\$77,900.95
C-144	Hot mix asphalt 19M64 base course	TON	\$115.00		637	\$73,255.00	886.98	\$102,002.70	886.98	\$102,002.70
C-145	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill	LF	\$27.00		1416	\$38,232.00	1,121.00	\$30,267.00	1,121.00	\$30,267.00
C-146	PVC, SDR-35 Leader drain extension or reconstruction	UN	\$115.00		7	\$805.00	7.00	\$805.00	7.00	\$805.00
C-147	Connect leader or sump drain to proposed 6" dia. PPT underdrain	UN	\$150.00		15	\$2,250.00	15.00	\$2,250.00	15.00	\$2,250.00
C-148	15" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets	LF	\$90.00		151	\$13,590.00	140.00	\$12,600.00	140.00	\$12,600.00
C-149	18" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets	LF	\$160.00		39	\$6,240.00	0.00	\$0.00	0.00	\$0.00
C-150	Dense graded aggregate for pipe trench	CY	\$0.01		1170	\$11.70	31.00	\$0.31	31.00	\$0.31
C-151	Inlet type B, 6" head	UN	\$5,900.00		2	\$11,800.00	2.00	\$11,800.00	2.00	\$11,800.00
C-152	Inlet type B, 8" head	UN	\$6,100.00		2	\$12,200.00	5.00	\$30,500.00	5.00	\$30,500.00
C-153	Inlet type B2, 6" head	UN	\$8,300.00		2	\$16,600.00	0.00	\$0.00	0.00	\$0.00
C-154	Inlet type B2, 8" head	UN	\$8,100.00		1	\$8,100.00	1.00	\$8,100.00	1.00	\$8,100.00
C-155	Inlet type B, 8" head, extended	UN	\$8,000.00		1	\$8,000.00	0.00	\$0.00	0.00	\$0.00
C-156	Manhole, 4' square, storm sewer	UN	\$6,000.00		1	\$6,000.00	0.00	\$0.00	0.00	\$0.00
C-157	Reconstruct inlet, type B, 8" head	UN	\$2,000.00		3	\$6,000.00	9.00	\$18,000.00	9.00	\$18,000.00
C-158	Handhole with casting (Minimum unit price bid \$200.00/UN)	UN	\$4,300.00		3	\$12,900.00	1.00	\$4,300.00	1.00	\$4,300.00
C-159	Reset existing casting	UN	\$175.00		3	\$525.00	3.00	\$525.00	3.00	\$525.00
C-160	Concrete sidewalks, 4" thick	SF	\$9.00		1664	\$14,976.00	1,514.00	\$13,626.00	1,514.00	\$13,626.00
C-161	Concrete driveways, reinforced, 6" thick	SF	\$10.00		740	\$7,400.00	843.00	\$8,430.00	843.00	\$8,430.00
C-162	Hot mix asphalt driveway, 2" thick	SY	\$50.00		206	\$10,300.00	235.00	\$11,750.00	235.00	\$11,750.00
C-163	Hot mix asphalt driveway, 6" thick, commercial	SY	\$115.00		104	\$11,960.00	97.00	\$11,155.00	97.00	\$11,155.00
C-164	Aggregate driveway, 4" thick	SY	\$30.00		29	\$870.00	0.00	\$0.00	0.00	\$0.00
C-165	Detectable warning surface	SY	\$350.00		5	\$1,750.00	5.00	\$1,750.00	5.00	\$1,750.00
C-166	8" x 18" concrete vertical curb	LF	\$35.00		2121	\$74,235.00	1,907.00	\$66,745.00	1,907.00	\$66,745.00
C-167	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	LF	\$1.25		2380	\$2,975.00	5,350.00	\$6,687.50	5,350.00	\$6,687.50
C-168	Traffic stripes, long-life, "thermoplastic", 8" wide, with glass beads	LF	\$3.00		235	\$705.00	95.00	\$285.00	95.00	\$285.00
C-169	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	LF	\$8.00		77	\$616.00	45.00	\$360.00	45.00	\$360.00
C-170	Traffic markings, "thermoplastic"	SF	\$9.80		520	\$5,096.00	472.00	\$4,625.60	472.00	\$4,625.60
C-171	Roadway trench repair	SY	\$0.01		313	\$3.13	454.00	\$4.54	454.00	\$4.54
C-172	Temporary trench repair	SY	\$0.01		1154	\$11.54	4.00	\$0.04	4.00	\$0.04

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED							
			UNIT PRICE		ORIGINAL BID	TOTAL	PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)	Quantity	(Dollar Cents)	Quantity	Extension	Quantity	Extension
C-173	Remove existing water distribution piping from municipal roadway	LF	\$0.01		1342	\$13.42	0.00	\$0.00	0.00	\$0.00
C-174	Furnish and install 4" dia. cement lined DIP Class 52 water main along municipal roadway	LF	\$110.00		6	\$660.00	0.00	\$0.00	0.00	\$0.00
C-175	Furnish and install 4" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints	LF	\$110.00		6	\$660.00	0.00	\$0.00	0.00	\$0.00
C-176	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway	LF	\$65.00		11	\$715.00	18.00	\$1,170.00	18.00	\$1,170.00
C-177	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway	LF	\$97.00		1152	\$111,744.00	1,347.00	\$130,659.00	1,347.00	\$130,659.00
C-178	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints	LF	\$150.00		88	\$13,200.00	73.50	\$11,025.00	73.50	\$11,025.00
C-179	Furnish and install 12" dia. cement lined DIP Class 52 water main along municipal roadway	LF	\$225.00		48	\$10,800.00	24.00	\$5,400.00	24.00	\$5,400.00
C-180	Furnish and install 8" dia. DIP water main by trenchless installation	LF	\$1,270.00		33	\$41,910.00	0.00	\$0.00	0.00	\$0.00
C-181	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	UN	\$2,700.00		15	\$40,500.00	19.00	\$51,300.00	19.00	\$51,300.00
C-182	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	LF	\$25.00		348	\$8,700.00	436.00	\$10,900.00	436.00	\$10,900.00
C-183	Furnish and install fire hydrant assembly along municipal roadway	UN	\$11,000.00		3	\$33,000.00	4.00	\$44,000.00	4.00	\$44,000.00
C-184	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main along municipal roadway	UN	\$5,300.00		11	\$58,300.00	10.00	\$53,000.00	10.00	\$53,000.00
C-185	Furnish and install 12" buried M.J. gate valve and valve box within a proposed water main along municipal roadway	UN	\$7,300.00		2	\$14,600.00	2.00	\$14,600.00	2.00	\$14,600.00
C-186	Furnish and install 12" buried insertion valve and valve box within an existing water main	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-187	Furnish and install inline connection between proposed and existing water mains	UN	\$2,000.00		7	\$14,000.00	7.00	\$14,000.00	7.00	\$14,000.00
C-188	Furnish and install temporary by-pass potable water distribution piping on Washington Place	LS	\$1.00		1	\$1.00	0.00	\$0.00	0.00	\$0.00
C-189	Miscellaneous concrete,	CY	\$1.00		5	\$5.00	0.00	\$0.00	0.00	\$0.00
C-190	Reinforced concrete steps, class B	CY	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-191	Remove additional trees over 4" up to and including 8" caliper	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-192	Remove additional trees over 8" up to and including 12" caliper	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-193	Remove additional trees over 12" up to and including 16" caliper	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-194	Remove additional trees over 16" caliper	UN	\$1.00		2	\$2.00	0.00	\$0.00	0.00	\$0.00
C-195	Topsoiling, 4" thick	SY	\$6.30		1144	\$7,207.20	1,144.00	\$7,207.20	1,144.00	\$7,207.20
C-196	Fertilizing	SY	\$1.00		1144	\$1,144.00	1,144.00	\$1,144.00	1,144.00	\$1,144.00
C-197	Sodding	SY	\$8.85		1144	\$10,124.40	1,144.00	\$10,124.40	1,144.00	\$10,124.40

**CLOSEOUT CHANGE ORDER AND
FINAL PAYMENT ESTIMATE NO. 12**

PROJECT NO. PNO-00656.02
PROJECT NAME: 2023 Road Improvement Program
OWNER: Township of North Brunswick

Period Included: 10/26/2024 to 2/5/2025
Date Submitted: February 14, 2025
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	WORK COMPLETED								
			UNIT PRICE		ORIGINAL BID	TOTAL		PREVIOUS ESTIMATE		CURRENT ESTIMATE	
			(Dollars	Cents)		(Dollar	Cents)	Quantity	Extension	Quantity	Extension
C-198	Replacement trees	UN	\$1.00		8	\$8.00		3.00	\$3.00	3.00	\$3.00
C-199	Replacement shrubs	UN	\$1.00		3	\$3.00		0.00	\$0.00	0.00	\$0.00
SUP-C1	Furnish and Install 8" Insertion Valve at the intersection of Washington Place & Miriam Street as per the Water System Management Contractor's Request.	LS	\$15,502.49					1.00	\$15,502.49	1.00	\$15,502.49
SUP-C2	Furnish and Intall 8" watermain crossing at the Miriam Street intersection between the two transmission gas lines using open trench method and required procedures as per Williams Gas	LS	\$40,291.25					1.00	\$40,291.25	1.00	\$40,291.25
SUP-C3	The improvements to Commerce Boulevard including the removal of existitng curbed island, installaton of subbase and base materials, milling and overlay the roadway and the installation of pavement markings for a bicycle lane as requested by the Township	LS	\$63,871.95					1.00	\$63,871.95	1.00	\$63,871.95
			SUBTOTAL			\$2,650,650.00			\$2,649,366.23		\$2,648,883.57

The undersigned CONTRACTOR certifies that 1) all previous progress payments received from Owner on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by Prior Payment Estimates; and 2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this Payment Estimate will pass to OWNER at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to OWNER).

CURRENT TO DATE	\$2,648,883.57
LESS RETAINAGE @ 0%	\$0.00
BALANCE	\$2,648,883.57
LESS PREVIOUS PAYMENTS	\$2,596,378.91
BALANCE DUE	\$52,504.66

PREPARED BY:



Lucas Brothers, Inc.

James C Watson 2/14/2025
Township Engineer Representative

PROJECT NO. PNO-00656.02
 PROJECT NAME: 2023 Road Improvement Program
 CONTRACTOR: Lucas Brothers, Inc

CORPORATE ROAD

Item No.A-6- Police Traffic Directors

Contract Amount: \$ 20,000.00

Date	Quantity (Hours)	Rate	Amount	Invoice #	
9/4/2023	9	\$97.20	\$874.80	2023037	PAY ESTIMATE NO. 3
9/12/2023	28.5	\$97.20	\$2,770.20	2023048	
11/21/2023	44	\$97.20	\$4,276.80	2023184	PAY ESTIMATE NO. 7
TOTAL TO DATE:			\$7,921.80	0.39609000	

EVELYN AVENUE

Item No.B-53- Police Traffic Directors

Contract Amount: \$ 26,000.00

Date	Quantity (Hours)	Rate	Amount	Invoice #	
10/3/2023	8.5	\$97.20	\$826.20	2023079	PAY ESTIMATE NO. 4
10/9/2023	8.5	\$97.20	\$826.20	2023105	
10/19/2023	8	\$97.20	\$777.60	2023120	PAY ESTIMATE NO. 7
2/12/2024	54	\$97.20	\$5,248.80	2023299	
4/9/2024	12.5	\$97.20	\$1,215.00	2023374	PAY ESTIMATE NO. 8
4/15/2024	26.5	\$97.20	\$2,575.80	2023384	
4/22/2024	18.5	\$97.20	\$1,798.20	2023398	
4/29/2024	10	\$97.20	\$972.00	2023408	
TOTAL TO DATE:			\$14,239.80	0.54768462	

WASHINGTON PLACE

Item No.C-119- Police Traffic Directors

Contract Amount: \$ 101,000.00

Date	Quantity (Hours)	Rate	Amount	Invoice #	
7/31/2023	16	\$97.20	\$1,555.20	2022985	PAY ESTIMATE NO. 3
11/14/2023	25.5	\$97.20	\$2,478.60	2023178	
11/13/2023	8.5	\$108.32	\$1,050.74	1076682	PAY ESTIMATE NO. 7
3/31/2024	4	\$97.20	\$388.80	2023362	
4/29/2024	86	\$97.20	\$8,359.20	2023407	PAY ESTIMATE NO. 8
5/6/2024	98	\$97.20	\$9,525.60	2023417	
5/15/2024	53	\$97.20	\$5,151.60	2023426	PAY ESTIMATE NO. 9
5/22/2024	114.5	\$97.20	\$11,129.40	2023459	
5/27/2024	86.5	\$97.20	\$8,407.80	2023468	
6/2/2024	105.5	\$97.20	\$10,400.40	2023481	PAY ESTIMATE NO. 10
6/10/2024	108	\$97.20	\$10,497.60	2023492	
6/18/2024	35	\$97.20	\$3,402.00	2023498	
6/26/2024	123.5	\$97.20	\$12,004.20	2023506	PAY EST NO. 11
9/15/2024	59.5	\$97.20	\$5,783.40	2023611	
10/6/2024	24.5	\$97.20	\$2,381.40	2023644	
TOTAL TO DATE:			\$92,515.94	0.91599941	

PROJECT NO. PNO-00656.02
 PROJECT NAME: 2023 Road Improvement Program
 OWNER: Township of North Brunswick

Item # A-10 - Asphalt Price Adjustment
 Bid =April 2023
 Base Index = \$557 -March 2023

Contract amount = **\$7,000.00**

Item / Description	Unit	Factor	% Asphalt	NJDOT Asphalt Index			Add'l / Ton	Current Estimate	Extension	
				Bid Time	Current	Difference				
Nov-Mid: Index = \$578.00	A-26. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	578.00	21.00	\$1.05	1009.77 TON	\$1,060.26
	A-27. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	578.00	21.00	\$1.05	935.24 TON	\$982.00
				Subtotal						\$2,042.26
									Total To Date =	\$2,042.26
									%-age To Date =	29.175150%
									Use =	0.2917515
									Adjustment =	\$2,042.26

Item # B-57 - Asphalt Price Adjustment
 Bid =April 2023
 Base Index = \$557 -March 2023

Contract amount = **\$5,000.00**

Item / Description	Unit	Factor	% Asphalt	NJDOT Asphalt Index			Add'l / Ton	Current Estimate	Extension	
				Bid Time	Current	Difference				
April -2024: Index = \$549.00	B-72. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	549.00	-8.00	-\$0.40	0.00 TON	\$0.00
	B-73. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	549.00	-8.00	-\$0.40	986.70 TON	-\$394.68
				Subtotal						-\$394.68
Mid -April -2024: Index = \$551.00	B-72. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	551.00	-6.00	-\$0.30	492.50 TON	-\$147.75
	B-73. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	551.00	-6.00	-\$0.30	539.57 TON	-\$161.87
				Subtotal						-\$309.62
									Total To Date =	-\$704.30
									%-age To Date =	-14.086020%
									Use =	-0.1408602
									Adjustment =	-\$704.30

Item # C - 123 - Asphalt Price Adjustment
 Bid =April 2023
 Base Index = \$557 -March 2023

Contract amount = **\$2,000.00**

Item / Description	Unit	Factor	% Asphalt	NJDOT Asphalt Index			Add'l / Ton	Current Estimate	Extension	
				Bid Time	Current	Difference				
Mid May -2024: Index = \$584.00	C-143. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	584.00	27.00	\$1.35	0.00 TON	\$0.00
	C-144. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	584.00	27.00	\$1.35	164.85 TON	\$222.55
				Subtotal						\$222.55
June -2024: Index = \$591.00	C-143. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	591.00	34.00	\$1.70	0.00 TON	\$0.00
	C-144. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	591.00	34.00	\$1.70	576.82 TON	\$980.59
				Subtotal						\$980.59
Mid June -2024: Index = \$588.00	C-143. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	1.00	5.0%	557.00	588.00	31.00	\$1.55	820.01 TON	\$1,271.02
	C-144. HOT MIX ASPHALT 19M64 BASE COURSE	TON	1.00	5.0%	557.00	588.00	31.00	\$1.55	145.31 TON	\$225.23
				Subtotal						\$1,496.25

Total To Date =	\$2,699.39
%-age To Date =	134.969375%
Use =	1.3496938
Adjustment =	\$2,699.39

PROJECT NO. PNO-00656.02
 PROJECT NAME: 2023 Road Improvement Program
 OWNER: Township of North Brunswick

Item A-11 Fuel Price Adjustment (\$8,000.00)
 Bid = April 2023
 Base Index = \$3.80 - March 2023

Contract Amount: \$ 8,000.00

Base Fuel Price Index: \$3.80
 Fuel Price Adjustment Ineligible Range (5%) \$3.61 through \$3.99

Work Item	Fuel Usage Factor per NJDOT 160.03.01			Bid Quantity	Equivalent Quantity	Eligible for Adjustment?	Month of Installation: Nov-Mid		
	Per Unit	Gal	Min Qty for 500 GAL				Index: \$3.90	Eligible for Adjustment?	Quantity This Month
A15. EXCAVATION, UNCLASSIFIED	CY	0.5	1000	1,668	1,668 CY	YES	962.00	\$48.10	\$0.00
A-21. DENSE-GRADED AGGRAGATE BASE COURSE, 6" THICK	CY	1	500	585	585 CY	YES	0.00	\$0.00	\$0.00
A-22. HMA MILLING, 3" AND VARIABLE DEPTH	SY	0.25	2000	4,592	4,592 SY	YES	4,574.00	\$114.35	\$0.00
A-26. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	2.5	200	1,065	1,065 TON	YES	1,009.77	\$252.44	\$0.00
A-27. HOT MIX ASPHALT 19M64 BASE COURSE	TON	2.5	200	1,235	1,235 TON	YES	935.24	\$233.81	\$0.00
SUBTOTAL:							\$0.00		

Total To Date =	\$0.00
%-age To Date =	0.00000000%
Use =	0.00000
Adjustment =	\$ -

Item B-58 Fuel Price Adjustment (\$7,000.00)
 Bid = April 2023
 Base Index = \$3.80 - March 2023

Contract Amount: \$ 7,000.00

Base Fuel Price Index: \$3.80
 Fuel Price Adjustment Ineligible Range (5%) \$3.61 through \$3.99

Work Item	Fuel Usage Factor per NJDOT 160.03.01			Bid Quantity	Equivalent Quantity	Eligible for Adjustment?	Month of Installation: Mid-May - 24		
	Per Unit	Gal	Min Qty for 500 GAL				Index: \$3.65	Eligible for Adjustment?	Quantity This Month
B-63. EXCAVATION, UNCLASSIFIED	CY	0.5	1000	2,339	2,339 CY	YES	888.67	(\$66.65)	\$0.00
B-68. DENSE-GRADED AGGRAGATE BASE COURSE, 6" THICK	CY	1	500	722	722 CY	YES	406.10	(\$60.92)	\$0.00
B-72. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	2.5	200	510	510 SY	YES	492.50	(\$184.69)	\$0.00
B-73. HOT MIX ASPHALT 19M64 BASE COURSE	TON	2.5	200	1,526	1,526 TON	YES	1,526.27	(\$572.35)	\$0.00
SUBTOTAL:							\$0.00		

Total To Date =	\$0.00
%-age To Date =	0.00000000%
Use =	0.00000
Adjustment =	\$ -

Item C-124 Fuel Price Adjustment (\$5,000.00)
 Bid = April 2023
 Base Index = \$3.80 - March 2023

Contract Amount: \$ 5,000.00

Base Fuel Price Index: \$3.80
 Fuel Price Adjustment Ineligible Range (5%) \$3.61 through \$3.99

Work Item	Fuel Usage Factor per NJDOT 160.03.01			Bid Quantity	Equivalent Quantity	Eligible for Adjustment?	Month of Installation: Mid-May - 24		
	Per Unit	Gal	Min Qty for 500 GAL				Index: \$3.60	Eligible for Adjustment?	Quantity This Month
C-132. EXCAVATION, UNCLASSIFIED	CY	0.5	1000	1,426	1,426 CY	YES	0.00	\$0.00	\$0.00
C-138. DENSE-GRADED AGGRAGATE BASE COURSE, 6" THICK	CY	1	500	836	836 CY	YES	0.00	\$0.00	\$0.00
C-139. HMA MILLING, 3" AND VARIABLE DEPTH	SY	0.25	2000	2,439	2,439 SY	YES	0.00	\$0.00	\$0.00
C-143. HOT MIX ASPHALT 9.5M64 SURFACE AND LEVELER COURSE	TON	2.5	200	633	633 TON	YES	820.01	(\$410.00)	(\$410.00)
C-144. HOT MIX ASPHALT 19M64 BASE COURSE	TON	2.5	200	637	637 TON	YES	145.31	(\$72.65)	(\$72.65)
SUBTOTAL:							(\$482.66)		

Total To Date =	(\$482.66)
%-age To Date =	-9.6532000%
Use =	-0.09653
Adjustment =	\$ (482.66)

NEW JERSEY DEPARTMENT OF TRANSPORTATION
DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT
CHANGE ORDER NUMBER - 01 FINAL
STATE AID PROJECT

February 5, 2025

Project	Improvement To Corporate Road, Evelyn Avenue and Washington Avenue - Municipal Aid 2021
Municipality	Township of North Brunswick
County	Middlesex County
Contractor	Lucas Brothers, Inc.

In accordance with the project Supplementary Specification, the following are changes in the contract.
Location and Reason for Change (Attach additional sheets if required)

Changes in estimated quantities and supplemental work as required to satisfactorily complete the construction of the project.

<u>Item No.</u>	<u>Description</u>	<u>Quantity (+/-)</u>	<u>Unit Price</u>	<u>Amount</u>
A-2	Breakaway barricade	(1.00)	\$ 1.00	(\$1.00)
A-3	Drum	(6.00)	\$ 1.00	(\$6.00)
A-4	Traffic cone	(10.00)	\$ 1.00	(\$10.00)
A-6	Traffic director, Municipal Police Allowance (\$20,000.00)	(0.60)	\$ 20,000.00	(\$12,078.20)
A-7	Flashing arrow board, 4'x8'	(1.00)	\$ 1.00	(\$1.00)
A-8	Portable variable message sign	(1.00)	\$ 1.00	(\$1.00)
A-9	Traffic control truck with mounted crash cushion	(1.00)	\$ 1.00	(\$1.00)
A-10	Asphalt price adjustment (\$7,000.00)	(0.71)	\$ 7,000.00	(\$4,957.74)
A-11	Fuel price adjustment (\$8,000.00)	(1.00)	\$ 8,000.00	(\$8,000.00)
A-12	Allowance for work not specified (\$10,000.00)	(1.00)	\$ 10,000.00	(\$10,000.00)
A-13	Remove existing curb or rolled curb and gutter	(159.00)	\$ 1.00	(\$159.00)
A-15	Excavation, unclassified	(706.00)	\$ 0.01	(\$7.06)
A-16	Remove and replace roadway base	(963.00)	\$ 0.01	(\$9.63)
A-17	Driveway excavation, unclassified	(93.00)	\$ 1.00	(\$93.00)
A-18	Excavation, unclassified, test pit	(66.00)	\$ 0.01	(\$0.66)
A-19	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	(467.00)	\$ 10.00	(\$4,670.00)
A-20	Geotextile roadway stabilization	(1870.00)	\$ 1.00	(\$1,870.00)
A-21	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	(585.00)	\$ 10.00	(\$5,850.00)
A-22	HMA milling, 3" or less	(18.00)	\$ 4.50	(\$81.00)
A-23	Polymerized joint adhesive	(5805.00)	\$ 0.01	(\$58.05)
A-24	Tack Coat	(108.00)	\$ 0.01	(\$1.08)
A-25	Prime Coat	(1646.00)	\$ 0.01	(\$16.46)
A-26	Hot mix asphalt 9.5M64 surface and leveler course	(55.23)	\$ 130.00	(\$7,179.90)
A-27	Hot mix asphalt 19M64 base course	(299.76)	\$ 65.00	(\$19,484.40)
A-28	Reset existing casting	(1.00)	\$ 150.00	(\$150.00)
A-29	Bicycle safe grate	(1.00)	\$ 320.00	(\$320.00)
A-30	Curb piece type N-ECO	1.00	\$ 250.00	\$250.00
A-31	Concrete driveways, reinforced, 10" thick, commercial	(110.00)	\$ 150.00	(\$16,500.00)
A-32	Hot mix asphalt driveway, 6" thick, commercial	(38.20)	\$ 100.00	(\$3,820.00)
A-33	8" x 18" concrete vertical curb	(0.50)	\$ 35.00	(\$17.50)
A-34	Concrete curb and gutter	(81.00)	\$ 45.00	(\$3,645.00)
A-35	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	(13.00)	\$ 4.00	(\$52.00)
A-37	Signs	(3.00)	\$ 50.00	(\$150.00)
A-38	Reset water valve box to grade	(2.00)	\$ 270.00	(\$540.00)
A-39	Miscellaneous concrete, Class B	(5.00)	\$ 1.00	(\$5.00)
A-40	Remove additional trees over 4" up to and including 8" caliper	(1.00)	\$ 1.00	(\$1.00)
A-41	Remove additional trees over 8" up to and including 12" caliper	(1.00)	\$ 1.00	(\$1.00)
A-42	Remove additional trees over 12" up to and including 16" caliper	(1.00)	\$ 1.00	(\$1.00)
A-43	Remove additional trees over 16" caliper	(1.00)	\$ 1.00	(\$1.00)
A-44	Topsolling, 4" thick	(25.63)	\$ 6.00	(\$153.78)
A-45	Fertilizing	(25.63)	\$ 1.00	(\$25.63)
A-46	Sodding	(25.63)	\$ 8.25	(\$211.45)
A-47	Replacement trees	(2.00)	\$ 1.00	(\$2.00)
SUP-A1	Asphalt Penalty applied to item A-26 HMA 9.5M64 Surface and Leveler Course as per core testing results at -2% of 1009.77 Tons at \$130 / Ton - Corporate Road	1.00	\$ (2,625.40)	(\$2,625.40)
B-49	Breakaway barricade	(2.00)	\$ 1.00	(\$2.00)
B-50	Drum	(2.00)	\$ 1.00	(\$2.00)
B-51	Traffic cone	(5.00)	\$ 1.00	(\$5.00)

**NEW JERSEY DEPARTMENT OF TRANSPORTATION
DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT
CHANGE ORDER NUMBER - 01 FINAL
STATE AID PROJECT**

February 5, 2025

Project	Improvement To Corporate Road, Evelyn Avenue and Washington Avenue - Municipal Aid 2021			
Municipality	Township of North Brunswick			
County	Middlesex County			
Contractor	Lucas Brothers, Inc.			
B-53	Traffic director, Municipal Police Allowance (\$26,000.00)	(0.45)	\$ 26,000.00	(\$11,760.20)
B-54	Flashing arrow board, 4'x8'	(1.00)	\$ 1.00	(\$1.00)
B-55	Portable variable message sign	(1.00)	\$ 1.00	(\$1.00)
B-56	Traffic control truck with mounted crash cushion	(1.00)	\$ 1.00	(\$1.00)
B-57	Asphalt price adjustment (\$5,000.00)	(1.14)	\$ 5,000.00	(\$5,704.30)
B-58	Fuel price adjustment (\$7,000.00)	(1.00)	\$ 7,000.00	(\$7,000.00)
B-59	Allowance for work not specified (\$10,000.00)	(0.00)	\$ 10,000.00	(\$18.00)
B-60	Remove existing curb or rolled curb and gutter	(20.00)	\$ 1.00	(\$20.00)
B-61	Remove existing walks	(160.00)	\$ 0.01	(\$1.60)
B-63	Excavation, unclassified	(809.00)	\$ 0.01	(\$8.09)
B-64	Driveway excavation, unclassified	(78.60)	\$ 1.00	(\$78.60)
B-65	Excavation, unclassified, test pit	(165.00)	\$ 0.01	(\$1.65)
B-66	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	(424.00)	\$ 10.00	(\$4,240.00)
B-67	Geotextile roadway stabilization	(1967.00)	\$ 0.01	(\$19.67)
B-68	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	(35.90)	\$ 10.00	(\$359.00)
B-69	Polymerized joint adhesive	(4444.00)	\$ 0.01	(\$44.44)
B-70	Tack Coat	(371.00)	\$ 0.01	(\$3.71)
B-71	Prime Coat	(2164.00)	\$ 0.01	(\$21.64)
B-72	Hot mix asphalt 9.5M64 surface and leveler course	(17.50)	\$ 115.00	(\$2,012.50)
B-73	Hot mix asphalt 19M64 base course	0.27	\$ 100.00	\$27.00
B-74	Dense graded aggregate for pipe trench	(217.00)	\$ 0.01	(\$2.17)
B-75	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill	(7.00)	\$ 28.00	(\$196.00)
B-77	Connect leader or sump drain to proposed 6" dia. PPT underdrain	(1.00)	\$ 115.00	(\$115.00)
B-78	19" X 30" elliptical reinforced concrete pipe (RCP), Class IV storm sewer with flexible watertight gaskets	(16.00)	\$ 155.00	(\$2,480.00)
B-86	Bicycle safe grate	(1.00)	\$ 320.00	(\$320.00)
B-87	Curb piece type N-ECO	(1.00)	\$ 250.00	(\$250.00)
B-88	Concrete sidewalks, 4" thick	(160.00)	\$ 9.00	(\$1,440.00)
B-89	Concrete driveways, reinforced, 6" thick	169.90	\$ 10.00	\$1,699.00
B-90	Hot mix asphalt driveway, 2" thick	27.00	\$ 55.00	\$1,485.00
B-91	Aggregate driveway, 4" thick	(5.00)	\$ 40.00	(\$200.00)
B-93	Detectable warning surface	(5.00)	\$ 350.00	(\$1,750.00)
B-94	8" x 16" concrete vertical curb	(21.00)	\$ 35.00	(\$735.00)
B-95	8" x 18" concrete vertical curb	(3.00)	\$ 35.00	(\$105.00)
B-96	Concrete rolled curb	(52.00)	\$ 35.00	(\$1,820.00)
B-97	Reset granite block curb	28.00	\$ 35.00	\$980.00
B-98	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	(10.00)	\$ 4.00	(\$40.00)
B-99	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	(8.00)	\$ 25.00	(\$200.00)
B-100	Signs	(6.75)	\$ 50.00	(\$337.50)
B-101	Temporary trench repair	(1142.00)	\$ 0.01	(\$11.42)
B-102	Reset water valve box to grade	1.00	\$ 270.00	\$270.00
B-103	Furnish and install water main utility crossings in accordance with the details	(6.00)	\$ 50.00	(\$300.00)
B-104	Miscellaneous concrete, Class B	(5.00)	\$ 1.00	(\$5.00)
B-105	Remove additional trees over 4" up to and including 8" caliper	2.00	\$ 1.00	\$2.00
B-107	Remove additional trees over 12" up to and including 16" caliper	4.00	\$ 1.00	\$4.00
B-108	Remove additional trees over 16" caliper	1.00	\$ 1.00	\$1.00
B-109	Topsolling, 4" thick	725.00	\$ 6.00	\$4,350.00
B-110	Fertilizing	725.00	\$ 1.30	\$942.50
B-111	Sodding	(175.93)	\$ 9.50	(\$1,671.34)
B-112	Replacement trees	7.00	\$ 1.00	\$7.00
SUP-B1	Relocate existing water services in conflict with proposed storm drainage pipe for Lots 4, 5, 6, 7, 8, 9, 10, 11 & 12 in Block 3 as per Township request	9.00	\$ 1,900.00	\$17,100.00
C-115	Breakaway barricade	(12.00)	\$ 1.00	(\$12.00)
C-116	Drum	(6.00)	\$ 1.00	(\$6.00)
C-117	Traffic cone	(50.00)	\$ 1.00	(\$50.00)
C-118	Construction signs	429.00	\$ 24.00	\$10,296.00

NEW JERSEY DEPARTMENT OF TRANSPORTATION
DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT
CHANGE ORDER NUMBER - 01 FINAL
STATE AID PROJECT

February 5, 2025

Project	Improvement To Corporate Road, Evelyn Avenue and Washington Avenue - Municipal Aid 2021			
Municipality	Township of North Brunswick			
County	Middlesex County			
Contractor	Lucas Brothers, Inc.			
C-119	Traffic director, Municipal Police Allowance (\$101,000.00)	(0.08)	\$ 101,000.00	(\$8,484.06)
C-121	Portable variable message sign	1.00	\$ 1.00	\$1.00
C-123	Asphalt price adjustment (\$2,000.00)	0.35	\$ 2,000.00	\$699.39
C-124	Fuel price adjustment (\$5,000.00)	(1.10)	\$ 5,000.00	(\$5,482.66)
C-125	Allowance for work not specified (\$10,000.00)	(0.11)	\$ 10,000.00	(\$1,106.50)
C-126	Remove existing curb or rolled curb & gutter	(13.00)	\$ 1.00	(\$13.00)
C-127	Remove existing walks	(1664.00)	\$ 0.01	(\$16.64)
C-129	Remove and dispose of existing storm sewer pipes	(4.00)	\$ 1.00	(\$4.00)
C-132	Excavation, unclassified	(1426.00)	\$ 0.01	(\$14.26)
C-133	Remove and replace roadway base	(444.00)	\$ 0.01	(\$4.44)
C-134	Driveway excavation, unclassified	(117.00)	\$ 0.01	(\$1.17)
C-135	Excavation, unclassified, test pit	(5.60)	\$ 70.00	(\$392.00)
C-136	2" to 2-1/2" clean stone subbase (Minimum unit price bid \$10.00/CY)	(226.00)	\$ 10.00	(\$2,260.00)
C-137	Geotextile roadway stabilization	(676.00)	\$ 0.01	(\$6.76)
C-138	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	(263.00)	\$ 10.00	(\$2,630.00)
C-139	HMA milling, 3" or less	1151.00	\$ 2.50	\$2,877.50
C-140	Polymerized joint adhesive	(3779.00)	\$ 0.01	(\$37.79)
C-141	Tack Coat	(640.00)	\$ 0.01	(\$6.40)
C-142	Prime Coat	(792.00)	\$ 0.01	(\$7.92)
C-143	Hot mix asphalt 9.5M64 surface and leveler course	187.01	\$ 95.00	\$17,765.95
C-144	Hot mix asphalt 19M64 base course	249.98	\$ 115.00	\$28,747.70
C-145	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill	(295.00)	\$ 27.00	(\$7,965.00)
C-148	15" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets	(11.00)	\$ 90.00	(\$990.00)
C-149	18" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets	(39.00)	\$ 160.00	(\$6,240.00)
C-150	Dense graded aggregate for pipe trench	(1139.00)	\$ 0.01	(\$11.39)
C-152	Inlet type B, 8" head	3.00	\$ 6,100.00	\$18,300.00
C-153	Inlet type B2, 6" head	(2.00)	\$ 8,300.00	(\$16,600.00)
C-155	Inlet type B, 8" head, extended	(1.00)	\$ 8,000.00	(\$8,000.00)
C-156	Manhole, 4' square, storm sewer	(1.00)	\$ 6,000.00	(\$6,000.00)
C-157	Reconstruct inlet, type B, 8" head	6.00	\$ 2,000.00	\$12,000.00
C-158	Handhole with casting (Minimum unit price bid \$200.00/UN)	(2.00)	\$ 4,300.00	(\$8,600.00)
C-160	Concrete sidewalks, 4" thick	(150.00)	\$ 9.00	(\$1,350.00)
C-161	Concrete driveways, reinforced, 6" thick	103.00	\$ 10.00	\$1,030.00
C-162	Hot mix asphalt driveway, 2" thick	29.00	\$ 50.00	\$1,450.00
C-163	Hot mix asphalt driveway, 6" thick, commercial	(7.00)	\$ 115.00	(\$805.00)
C-164	Aggregate driveway, 4" thick	(29.00)	\$ 30.00	(\$870.00)
C-166	8" x 18" concrete vertical curb	(214.00)	\$ 35.00	(\$7,490.00)
C-167	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	2970.00	\$ 1.25	\$3,712.50
C-168	Traffic stripes, long-life, "thermoplastic", 8" wide, with glass beads	(140.00)	\$ 3.00	(\$420.00)
C-169	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	(32.00)	\$ 8.00	(\$256.00)
C-170	Traffic markings, "thermoplastic"	(48.00)	\$ 9.80	(\$470.40)
C-171	Roadway trench repair	141.00	\$ 0.01	\$1.41
C-172	Temporary trench repair	(1150.00)	\$ 0.01	(\$11.50)
C-173	Remove existing water distribution piping from municipal roadway	(1342.00)	\$ 0.01	(\$13.42)
C-174	Furnish and install 4" dia. cement lined DIP Class 52 water main along municipal roadway	(6.00)	\$ 110.00	(\$660.00)
C-175	Furnish and install 4" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints	(6.00)	\$ 110.00	(\$660.00)
C-176	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway	7.00	\$ 65.00	\$455.00
C-177	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway	195.00	\$ 97.00	\$18,915.00
C-178	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints	(14.50)	\$ 150.00	(\$2,175.00)
C-179	Furnish and install 12" dia. cement lined DIP Class 52 water main along municipal roadway	(24.00)	\$ 225.00	(\$5,400.00)

**NEW JERSEY DEPARTMENT OF TRANSPORTATION
DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT
CHANGE ORDER NUMBER - 01 FINAL
STATE AID PROJECT**

February 5, 2025

Project	Improvement To Corporate Road, Evelyn Avenue and Washington Avenue - Municipal Aid 2021		
Municipality	Township of North Brunswick		
County	Middlesex County		
Contractor	Lucas Brothers, Inc.		

C-180	Furnish and install 8" dia. DIP water main by trenchless installation	(33.00)	\$ 1,270.00	(\$41,910.00)
C-181	Furnish and install 1" water service corporation stop, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	4.00	\$ 2,700.00	\$10,800.00
C-182	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	88.00	\$ 25.00	\$2,200.00
C-183	Furnish and install fire hydrant assembly along municipal roadway	1.00	\$ 11,000.00	\$11,000.00
C-184	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main along municipal roadway	(1.00)	\$ 5,300.00	(\$5,300.00)
C-186	Furnish and install 12" buried insertion valve and valve box within an existing water main	(2.00)	\$ 1.00	(\$2.00)
C-188	Furnish and install temporary by-pass potable water distribution piping on Washington Place	(1.00)	\$ 1.00	(\$1.00)
C-189	Miscellaneous concrete, Class B	(5.00)	\$ 1.00	(\$5.00)
C-190	Reinforced concrete steps, class B	(2.00)	\$ 1.00	(\$2.00)
C-191	Remove additional trees over 4" up to and including 8" caliper	(2.00)	\$ 1.00	(\$2.00)
C-192	Remove additional trees over 8" up to and including 12" caliper	(2.00)	\$ 1.00	(\$2.00)
C-193	Remove additional trees over 12" up to and including 16" caliper	(2.00)	\$ 1.00	(\$2.00)
C-194	Remove additional trees over 16" caliper	(2.00)	\$ 1.00	(\$2.00)
C-198	Replacement trees	(5.00)	\$ 1.00	(\$5.00)
C-199	Replacement shrubs	(3.00)	\$ 1.00	(\$3.00)
SUP-C1	Furnish and Install 8" Insertion Valve at the intersection of Washington Place & Miriam Street as per the Water System Management Contractor's Request.	1.00	\$ 15,502.49	\$15,502.49
SUP-C2	Furnish and Intall 8" watermain crossing at the Miriam Street intersection between the two transmission gas lines using open trench method and required procedures as per Williams Gas	1.00	\$ 40,291.25	\$40,291.25
SUP-C3	The improvements to Commerce Boulevard including the removal of existitng curbed island, installation of subbase and base materials, milling and overlay the roadway and the installation of pavement markings for a bicycle lane as requested by the Township	1.00	\$ 63,871.95	\$63,871.95

Amount of Original Contract \$ 2,650,650.00

Extra \$ 150,268.95

Adjusted Amount per Change Order 1 \$ 2,648,883.57

Supplemental \$ 134,140.29

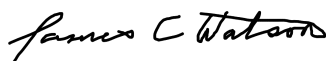
Reduction \$ (286,175.67)

% Change in Contract

Total Change \$ (1,766.43)

[(+) Increase or (-) Decrease] -0.07 %

Approved:



(Engineer)

2/13/2025

(Date)

(District Manager)
(Bureau of Local Aid)

(Date)

(Presiding Officer)

(Date)



(Contractor)

2/14/25

(Date)

(Submit four(4) copies to the Local Highway Design District Office)