RESOLUTION NO. 2018-58

WHEREAS, the Township Engineer has submitted the Final/Closeout Change Order for the contract with Lucas Brothers Inc. for the 2014 Road Program; and

WHEREAS, Final/Closeout change Order amends the contract to reflect actual quantities provided, including reduction and increases in contract quantities and supplementary items required to satisfactorily complete the project for a net overall reduction of $226,770.19 and an adjusted contract amount of $2,588,612.08 to $2,361,841.89.

NOW, THEREFORE, BE IT RESOLVED by the Township Council of the Township of Aberdeen that the Final/Closeout Change Order for the contract with Lucas Brothers Inc. for the 2014 Road Program is hereby approved.

BE IT FURTHER RESOLVED final payment to Lucas Brothers Inc. is subject to the posting of a satisfactory Maintenance Guarantee in the amount of $416,452.12.

JOHN H. ALLGAIR, PE, PP, LS (1983-2001)
DAVID J. SAMUEL, PE, PP, CME
JOHN J. STEFANI, PE, LS, PP, CME
JAY B. CORNELL, PE, PP, CME
MICHAEL J. McCLELLAND, PE, PP, CME
GREGORY R. VALESI, PE, PP, CME

CME ASSOCIATES

TIMOTHY W. GILLEN, PE, PP, CME
BRUCE M. KOCH, PE, PP, CME
LOUIS J. PLOSKONKA, PE, CME
TREVOR J. TAYLOR, PE, PP, CME
BEHRAM TURAN, PE, LSRP
LAURA J. NEUMANN, PE, PP
DOUGLAS ROHMEYER, PE, CFM, CME
ROBERT J. RUSSO, PE, PP, CME

February 27, 2018

Ms. Holly Reycraft, Township Manager
Township of Aberdeen
One Aberdeen Square
Aberdeen, NJ 07747

Re: Township of Aberdeen
2014 Budget Year Road Program
Closeout Change Order – Final Pay App No. 9
CME File No.: PAB-00657.01

Dear Ms. Reycraft:

The 2014 Budget Year Road Program Project which included improvements to Avondale Lane, Inglewood Lane and Rose Street has 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 Closeout Change Order and Final Payment Estimate No. 9 for work performed from January 1, 2018 through February 9, 2018. We have also enclosed four (4) copies of the State Change Order form as required by the NJDOT.

Please note that Closeout Change Order reflects reductions and increases in Contract quantities and includes supplementary items required to satisfactorily perform the work. These adjustments reduce the current Contract amount from $2,588,612.08 to $2,361,841.89 for a net overall reduction of $226,770.19.

The supplementary work described herein could not, in our opinion, have reasonably been effectuated by a separately 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.

Accordingly, should you approve of the above, we recommend Final Acceptance of the work, approval of Closeout Change Order and Final Payment Estimate No. 9, and payment to the Contractor in the amount of $47,236.84, subject to submission of an one (1) year 15% Maintenance Guarantee in the amount of $416,452.12 and review and approval by the Township Attorney of the attached Closeout Change Order.

Finally, please return all four (4) copies of the signed State Change Order to this office in order that we may transmit the same to the NJDOT.

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

Very truly yours,

Michael J. McClelland, P.E.
Township Engineer's Office

DHC/pb

Enclosures

cc: Sandra Caceres, DPW Director w/ encl.
Angela Morin, Director of Finance, w/encl.
Jackie Struble, Purchasing w/ encl.
Lucas Brothers, Inc. w/encl.

CLAIMANT'S CERTIFICATION & DECLARATION

INVOICE NO. ____________

Township of Aberdeen

January 1, 2018 to February 9, 2018

Pay Application No. **9 - Final**

Date: February 23, 2018

PROJECT NAME: 2014 Budget Year Road Program

FROM: (Contractor)

Lucas Brothers, Inc.

80 Amboy Road
Morganville, NJ 07751

Contract Date: July 19, 2016
Notice to Proceed: August 22, 2016

Original Contract Amount:	$	2,588,612.08
Approved Change Orders:	$	0
Current Contract Amount:	$	2,588,612.08

CURRENT TO DATE	$	2,361,841.89
LESS RETAINAGE @ 0%	$	0
BALANCE	$	2,314,605.05
LESS PREVIOUS PAYMENTS	$	2,314,605.05
BALANCE DUE	**$**	**47,236.84**

Claimant's Certification & Declaration:

I do solemnly declare and certify under 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 within 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.

Luis Lucas

LUCAS BROTHERS, INC. PRESIDENT

CLOSEOUT CHANGEORDER AND FINAL
PAYMENT ESTIMATE NO. 9

PROJECT NO. PAB-00657.01
PROJECT NAME: 2014 Budget Year Road Program
OWNER: Township of Aberdeen

Period Included: 01/01/2018 to 02/09/2018
Date Submitted: February 16, 2018
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL CONTRACT		WORK COMPLETED					
						PREVIOUS ESTIMATE		WORK THIS PERIOD		TOTAL WORK TO DATE	
			(Dollars Cents)	Quantity	Extension	Quantity	Extension	Quantity	Extension	Quantity	Extension
1	MOBILIZATION	LS	$395,000.00	1	$395,000.00	0.65534	$258,859.30	1.00	$395,000.00	1.00000	$395,000.00
2	BREAKAWAY BARRICADE, TYPE III	UN	$0.01	30	$0.30	4.00	$0.04	4.00	$0.04	4.00	$0.04
3	DRUM	UN	$0.01	80	$0.80	44.00	$0.44	44.00	$0.44	44.00	$0.44
4	TRAFFIC CONE	UN	$0.01	155	$1.55	57.00	$0.57	57.00	$0.57	57.00	$0.57
5	CONSTRUCTION SIGNS	SF	$0.01	380	$3.80	52.00	$0.52	52.00	$0.52	52.00	$0.52
6	TRAFFIC DIRECTOR, MUNICIPAL POLICE ALLOWANCE ($60,000.00)	ALLOW	$60,000.00	1	$60,000.00	0.8544694	$51,268.16	0.9099224	$54,595.34	0.9099224	$54,595.34
7	FUEL PRICE ADJUSTMENT ($9,000.00)	ALLOW	$9,000.00	1	$9,000.00	0.19523	$1,757.07	0.46368166	$4,173.13	0.46368166	$4,173.13
8	ASPHALT PRICE ADJUSTMENT ($9,000.00)	ALLOW	$9,000.00	1	$9,000.00	0.06459	$581.31	0.62162047	$5,594.58	0.62162047	$5,594.58
9	REMOVE EXISTING CURB OR ROLLED CURB AND GUTTER (INCLUDING SAWCUTTING)	LF	$0.01	9,535	$95.35	8142.00	$81.42	8282.00	$82.82	8282.00	$82.82
10	REMOVE EXISTING WALKS	SF	$0.01	31,605	$316.05	25818.50	$258.19	26262.50	$262.63	26262.50	$262.63
11	REMOVE AND RESET EXISTING BRICK WALK/PAVERS	SF	$29.90	45	$1,345.50	140.00	$4,186.00	140.00	$4,186.00	140.00	$4,186.00
12	REMOVE AND RESET RAILROAD TIES	LF	$19.70	125	$2,462.50	0.00	$0.00	0.00	$0.00	0.00	$0.00
13	REMOVE AND DISPOSE OF EXISTING STORM SEWER STRUCTURES	UN	$0.01	5	$0.05	1.00	$0.01	1.00	$0.01	1.00	$0.01
14	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPES	LF	$0.01	30	$0.30	32.00	$0.32	32.00	$0.32	32.00	$0.32
15	CLEARING SITE (L.S. $45,000.00)	LS	$45,000.00	1	$45,000.00	0.5848	$26,316.00	1.0000	$45,000.00	1.0000	$45,000.00
16	EXCAVATION, UNCLASSIFIED	CY	$0.01	9,870	$98.70	4447.00	$44.47	5058.00	$50.58	5058.00	$50.58
17	DRIVEWAY EXCAVATION, UNCLASSIFIED	CY	$0.01	660	$6.60	428.00	$4.28	465.80	$4.66	465.80	$4.66
18	EXCAVATION, TEST PIT	CY	$0.01	605	$6.05	7.00	$0.07	7.00	$0.07	7.00	$0.07
19	2" TO 2-1/2" CLEAN STONE SUBBASE (IF AND WHERE ORDERED)	CY	$0.01	3,595	$35.95	0.00	$0.00	0.00	$0.00	0.00	$0.00
20	NJDOT TYPE 57 STONE BEDDING	CY	$0.01	30	$0.30	0.00	$0.00	0.00	$0.00	0.00	$0.00
21	GEOTEXTILE ROADWAY STABILIZATION	SY	$0.01	10,755	$107.55	0.00	$0.00	0.00	$0.00	0.00	$0.00
22	I-11 SOIL AGGREGATE	CY	$0.01	370	$3.70	0.00	$0.00	0.00	$0.00	0.00	$0.00
23	DENSE GRADED AGGREGATE BASE COURSE, 6" THICK	CY	$9.50	2,805	$26,647.50	2148.97	$20,415.22	2696.97	$25,621.22	2696.97	$25,621.22
24	PREPARE AND SEAL EXISTING JOINTS AND CRACKS IN ASPHALT PAVEMENT (IF AND WHERE ORDERED)	LF	$2.88	1,500	$4,320.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
25	HMA MILLING, 3" OR LESS	SY	$3.35	1,205	$4,036.75	537.00	$1,798.95	2448.00	$8,200.80	2448.00	$8,200.80
26	POLYMERIZED JOINT ADHESIVE	LF	$0.01	6,825	$68.25	0.00	$0.00	0.00	$0.00	0.00	$0.00
27	TACK COAT	GAL	$0.01	2,465	$24.65	0.00	$0.00	0.00	$0.00	0.00	$0.00
28	PRIME COAT	GAL	$0.01	5,740	$57.40	0.00	$0.00	0.00	$0.00	0.00	$0.00
29	HOT MIX ASPHALT 9.5M64 SURFACE COURSE AND LEVELER COURSE	TON	$55.00	1,935	$106,425.00	1445.72	$79,514.60	2034.45	$111,894.75	2034.45	$111,894.75
30	HOT MIX ASPHALT 19M64 BASE COURSE	TON	$52.00	5,355	$278,460.00	4374.39	$227,468.28	5127.95	$266,653.40	5127.95	$266,653.40
31	VERTICAL FACE CONCRETE PARAPET, 1'-0" THICK	LF	$540.00	25	$13,500.00	21.50	$11,610.00	21.50	$11,610.00	21.50	$11,610.00
32	REINFORCEMENT STEEL IN STRUCTURES, GALVANIZED	LB	$1.70	6,930	$11,781.00	0.00	$0.00	5554.00	$9,441.80	5554.00	$9,441.80
33	CONCRETE IN SUBSTRUCTURE: FOOTING	CY	$755.00	45	$33,975.00	19.45	$14,684.75	36.16	$27,300.80	36.16	$27,300.80
34	CONCRETE IN SUBSTRUCTURE: HEADWALL	CY	$3,800.00	20	$76,000.00	12.71	$48,298.00	19.42	$73,796.00	19.42	$73,796.00
35	6" DIA. SMOOTH WALL INTERIOR CORRUGATED PERFORATED POLYETHYLENE TUBING (PPT) (UNDERDRAINS WITH FILTER FABRIC, STONE BACKFILL FOR SUBSURFACE DRAINS, BEDDING AND BACKFILL)	LF	$10.20	10,155	$103,581.00	8774.00	$89,494.80	9374.00	$95,614.80	9374.00	$95,614.80
36	PVC, SDR-35 LEADER DRAIN EXTENSION OR RECONSTRUCTION (IF AND WHERE ORDERED)	UN	$260.00	50	$13,000.00	0.00	$0.00	19.00	$4,940.00	19.00	$4,940.00
37	CONNECT LEADER OR SUMP DRAINS TO PROPOSED 6" DIA. PPT UNDERDRAIN INCLUDING FITTINGS, CLEANOUT AND BRASS CAP	UN	$0.01	30	$0.30	11.00	$0.11	19.00	$0.19	19.00	$0.19
38	SUBBASE OUTLET DRAIN	LF	$0.01	560	$5.60	0.00	$0.00	0.00	$0.00	0.00	$0.00
39	4" DIA. PERFORATED POLYETHYLENE TUBING (PPT) PIPE BEDDING DRAINS	LF	$4.90	250	$1,225.00	10.00	$49.00	64.00	$313.60	64.00	$313.60

CLOSEOUT CHANGEORDER AND FINAL
PAYMENT ESTIMATE NO. 9

PROJECT NO. PAB-00657.01
PROJECT NAME: 2014 Budget Year Road Program
OWNER: Township of Aberdeen

Period Included: 01/01/2018 to 02/09/2018
Date Submitted: February 16, 2018
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL CONTRACT		WORK COMPLETED					
						PREVIOUS ESTIMATE		WORK THIS PERIOD		TOTAL WORK TO DATE	
			(Dollars Cents)	Quantity	Extension	Quantity	Extension	Quantity	Extension	Quantity	Extension
40	12" DIA. REINFORCED CONCRETE PIPE (RCP), CLASS V STORM SEWER WITH FLEXIBLE WATERTIGHT GASKETS, INCLUDING EXCAVATION AND BACKFILL, TYPE 57 STONE BEDDING, TYPE 57 STONE BACKFILL TO THE SPRING LINE OF THE PIPE, FILTER FABRIC AND ALL ASSOCIATED WORK	LF	$44.50	10	$445.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
41	15" DIA. REINFORCED CONCRETE PIPE (RCP), CLASS V STORM SEWER WITH FLEXIBLE WATERTIGHT GASKETS, INCLUDING EXCAVATION AND BACKFILL, TYPE 57 STONE BEDDING, TYPE 57 STONE BACKFILL TO THE SPRING LINE OF THE PIPE, FILTER FABRIC AND ALL ASSOCIATED WORK	LF	$48.00	800	$38,400.00	674.00	$32,352.00	827.00	$39,696.00	827.00	$39,696.00
42	36" DIA. REINFORCED CONCRETE PIPE (RCP), CLASS V STORM SEWER WITH FLEXIBLE WATERTIGHT GASKETS, INCLUDING EXCAVATION AND BACKFILL, TYPE 57 STONE BEDDING, TYPE 57 STONE BACKFILL TO THE SPRING LINE OF THE PIPE, FILTER FABRIC AND ALL ASSOCIATED WORK	LF	$135.00	265	$35,775.00	208.00	$28,080.00	208.00	$28,080.00	208.00	$28,080.00
43	DENSE GRADED AGGREGATE FOR PIPE TRENCH	CY	$8.50	650	$5,525.00	6.70	$56.95	6.70	$56.95	6.70	$56.95
44	MANHOLE, 4' DIA.	UN	$4,600.00	5	$23,000.00	0.00	$0.00	1.00	$4,600.00	1.00	$4,600.00
45	RECONSTRUCT MANHOLE	UN	$1,800.00	5	$9,000.00	5.00	$9,000.00	6.00	$10,800.00	6.00	$10,800.00
46	INLET TYPE B, 6" HEAD	UN	$4,900.00	10	$49,000.00	10.00	$49,000.00	13.00	$63,700.00	13.00	$63,700.00
47	INLET TYPE B, 8" HEAD	UN	$2,775.00	6	$16,650.00	4.00	$11,100.00	4.00	$11,100.00	4.00	$11,100.00
48	INLET TYPE E	UN	$4,500.00	2	$9,000.00	2.00	$9,000.00	2.00	$9,000.00	2.00	$9,000.00
49	RESET EXISTING CASTING	UN	$0.01	21	$0.21	6.00	$0.06	6.00	$0.06	6.00	$0.06
50	HANDHOLE WITH CASTING	UN	$1,500.00	82	$123,000.00	69.00	$103,500.00	76.00	$114,000.00	76.00	$114,000.00
51	INLET, TYPE DOUBLE B, 6" HEAD	UN	$6,600.00	7	$46,200.00	7.00	$46,200.00	7.00	$46,200.00	7.00	$46,200.00
52	BICYCLE SAFE GRATE	UN	$260.00	5	$1,300.00	0.00	$0.00	5.00	$1,300.00	5.00	$1,300.00
53	CURB PIECE TYPE N-ECO	UN	$230.00	5	$1,150.00	0.00	$0.00	5.00	$1,150.00	5.00	$1,150.00
54	PRESSURE TEST AND SEAL JOINTS IN 15" DIA. RCP STORM SEWER PIPE	UN	$145.00	25	$3,625.00	24.00	$3,480.00	24.00	$3,480.00	24.00	$3,480.00
55	PRESSURE TEST AND SEAL JOINTS IN 18" DIA. RCP STORM SEWER PIPE	UN	$145.00	20	$2,900.00	10.00	$1,450.00	10.00	$1,450.00	10.00	$1,450.00
56	PRESSURE TEST AND SEAL JOINTS IN 24" DIA. RCP STORM SEWER PIPE	UN	$113.00	150	$16,950.00	138.00	$15,594.00	138.00	$15,594.00	138.00	$15,594.00
57	PRESSURE TEST AND SEAL JOINTS IN 30" DIA. RCP STORM SEWER PIPE	UN	$130.00	75	$9,750.00	48.00	$6,240.00	48.00	$6,240.00	48.00	$6,240.00
58	PRESSURE TEST AND SEAL JOINTS IN 36" DIA. RCP STORM SEWER PIPE	UN	$176.00	50	$8,800.00	45.00	$7,920.00	45.00	$7,920.00	45.00	$7,920.00
59	PRESSURE TEST AND SEAL JOINTS IN 42" DIA. RCP STORM SEWER PIPE	UN	$180.00	55	$9,900.00	80.00	$14,400.00	80.00	$14,400.00	80.00	$14,400.00
60	PRESSURE TEST AND SEAL JOINTS IN 48" DIA. RCP STORM SEWER PIPE	UN	$207.00	100	$20,700.00	159.00	$32,913.00	159.00	$32,913.00	159.00	$32,913.00
61	ADDITIONAL GROUT [IF AND WHERE ORDERED]	GAL	$13.00	6,350	$82,550.00	3049.85	$39,648.05	3049.85	$39,648.05	3049.85	$39,648.05
62	TELEVISION INSPECTION OF SEWER LINES	LF	$5.50	4,170	$22,935.00	2799.00	$15,394.50	2799.00	$15,394.50	2799.00	$15,394.50
63	EXISTING SEWER PIPE CLEANING	LF	$13.20	4,170	$55,044.00	2799.00	$36,946.80	2799.00	$36,946.80	2799.00	$36,946.80
64	PVC COATED, WIRE MESH STONE FILLED MATTRESS ENERGY DISSIPATER, 12" THICK, 4" TO 7" ANGULAR STONE WITH GEOTEXTILE FILTER FABRIC	CY	$290.00	35	$10,150.00	0.00	$0.00	43.00	$12,470.00	43.00	$12,470.00
65	SLOPE PROTECTION, EXCELSIOR CURLEX II OR APPROVED EQUAL	SY	$31.60	265	$8,374.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
66	3' X 3' GABION BASKET	CY	$74.00	70	$5,180.00	49.00	$3,626.00	49.00	$3,626.00	49.00	$3,626.00
67	REMOVE AND RESET EXISTING FENCE	LF	$28.75	125	$3,593.75	0.00	$0.00	28.00	$805.00	28.00	$805.00
68	6' HIGH BLACK VINYL COATED CHAIN LINK FENCE	LF	$97.75	20	$1,955.00	0.00	$0.00	30.00	$2,932.50	30.00	$2,932.50
69	4' HIGH CHAIN LINK FENCE, GALVANIZED	LF	$28.75	230	$6,612.50	0.00	$0.00	59.00	$1,696.25	59.00	$1,696.25
70	4' HIGH X 4' WIDE CHAIN LINK FENCE GATE, GALVANIZED	UN	$517.50	5	$2,587.50	0.00	$0.00	0.00	$0.00	0.00	$0.00
71	POST AND RAIL FENCE	LF	$36.80	60	$2,208.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
72	CONCRETE SIDEWALK, 4" THICK	SF	$5.75	31,620	$181,815.00	28110.00	$161,632.50	28897.00	$166,157.75	28897.00	$166,157.75

CLOSEOUT CHANGEORDER AND FINAL
PAYMENT ESTIMATE NO. 9

PROJECT NO. PAB-00657.01
PROJECT NAME: 2014 Budget Year Road Program
OWNER: Township of Aberdeen

Period Included: 01/01/2018 to 02/09/2018
Date Submitted: February 16, 2018
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL CONTRACT		WORK COMPLETED					
						PREVIOUS ESTIMATE		WORK THIS PERIOD		TOTAL WORK TO DATE	
			(Dollars Cents)	Quantity	Extension	Quantity	Extension	Quantity	Extension	Quantity	Extension
73	CONCRETE DRIVEWAYS, REINFORCED, 6" THICK (INCLUDING BEDDING)	SF	$6.60	12,645	$83,457.00	11603.00	$76,579.80	12591.25	$83,102.25	12591.25	$83,102.25
74	HOT MIX ASPHALT DRIVEWAY, 2" THICK	SY	$39.54	815	$32,225.10	433.00	$17,120.82	692.94	$27,398.85	692.94	$27,398.85
75	DRIVEWAY RESTORATION, PAVERS	SF	$11.00	450	$4,950.00	685.75	$7,543.25	685.75	$7,543.25	685.75	$7,543.25
76	AGGREGATE DRIVEWAY, 4" THICK	SY	$26.00	90	$2,340.00	0.00	$0.00	44.44	$1,155.44	44.44	$1,155.44
77	DETECTABLE WARNING SURFACE	SY	$247.50	40	$9,900.00	15.42	$3,816.45	17.42	$4,311.45	17.42	$4,311.45
78	9" X 18" CONCRETE VERTICAL CURB	LF	$22.00	2,320	$51,040.00	1533.00	$33,726.00	2154.00	$47,388.00	2154.00	$47,388.00
79	CONCRETE ROLLED CURB	LF	$22.00	8,015	$176,330.00	7790.00	$171,380.00	7930.00	$174,460.00	7930.00	$174,460.00
80	RESET GRANITE BLOCK CURB	LF	$23.00	120	$2,760.00	0.00	$0.00	32.00	$736.00	32.00	$736.00
81	TRAFFIC STRIPES, LONG-LIFE, "THERMOPLASTIC", 4" WIDE, WITH GLASS BEADS	LF	$2.07	220	$455.40	0.00	$0.00	200.00	$414.00	200.00	$414.00
82	TRAFFIC STRIPES, LONG-LIFE, "THERMOPLASTIC", 24" WIDE, WITH GLASS BEADS	LF	$12.42	60	$745.20	0.00	$0.00	83.00	$1,030.86	83.00	$1,030.86
83	SIGNS	SF	$40.43	85	$3,436.55	0.00	$0.00	0.00	$0.00	0.00	$0.00
84	TEMPORARY TRENCH REPAIR	SY	$0.01	575	$5.75	0.00	$0.00	0.00	$0.00	0.00	$0.00
85	RESET WATER VALVE BOX AND WATER SERVICE BOX	UN	$47.00	65	$3,055.00	18.00	$846.00	43.00	$2,021.00	43.00	$2,021.00
86	RESET WATER METER PIT	UN	$76.00	5	$380.00	1.00	$76.00	1.00	$76.00	1.00	$76.00
87	RELOCATE WATER METER PIT OR CURB STOP AND BOX	UN	$123.00	5	$615.00	0.00	$0.00	7.00	$861.00	7.00	$861.00
88	WATER METER PIT OR CURB STOP AND BOX	UN	$0.01	10	$0.10	6.00	$0.06	6.00	$0.06	6.00	$0.06
89	FURNISH AND INSTALL WATER MAIN UTILITY CROSSINGS	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
90	RELOCATE FIRE HYDRANT ASSEMBLY	UN	$0.01	2	$0.02	2.00	$0.02	2.00	$0.02	2.00	$0.02
91	8" PVC DR-14 SANITARY SEWER, 6' TO 8' DEEP	LF	$114.00	40	$4,560.00	0.00	$0.00	28.00	$3,192.00	28.00	$3,192.00
92	CONNECT TO EXISTING SANITARY SEWER INCLUDING TRANSITION COUPLING WITH STAINLESS STEEL HARDWARE AND CONCRETE ENCASEMENT	UN	$4,400.00	2	$8,800.00	0.00	$0.00	2.00	$8,800.00	2.00	$8,800.00
93	RAISE AND ADJUST SANITARY SEWER CLEANOUT	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
94	RELOCATE EXISTING SANITARY SEWER LATERAL	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
95	RELOCATE EXISTING SANITARY SEWER CLEANOUT	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
96	MISCELLANEOUS CONCRETE,	CY	$141.45	10	$1,414.50	0.00	$0.00	0.00	$0.00	0.00	$0.00
97	REINFORCED CONCRETE STEPS, CLASS B	CY	$2,750.00	3	$8,250.00	0.00	$0.00	3.00	$8,250.00	3.00	$8,250.00
98	SPEED HUMP, INCLUDING STRIPING AND SIGNS	UN	$2,300.00	5	$11,500.00	0.00	$0.00	5.00	$11,500.00	5.00	$11,500.00
99	METAL RAILING (IF AND WHERE ORDERED)	LF	$69.00	15	$1,035.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
100	REMOVE ADDITIONAL TREES OVER 4" UP TO AND INCLUDING 8" CALIPER (IF AND WHERE ORDERED)	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
101	REMOVE ADDITIONAL TREES OVER 8" UP TO AND INCLUDING 12" CALIPER (IF AND WHERE ORDERED)	UN	$0.01	10	$0.10	0.00	$0.00	0.00	$0.00	0.00	$0.00
102	REMOVE ADDITIONAL TREES OVER 12" UP TO AND INCLUDING 16" CALIPER (IF AND WHERE ORDERED)	UN	$0.01	25	$0.25	7.00	$0.07	7.00	$0.07	7.00	$0.07
103	REMOVE ADDITIONAL TREES OVER 16" CALIPER (IF AND WHERE ORDERED)	UN	$0.01	35	$0.35	4.00	$0.04	4.00	$0.04	4.00	$0.04
104	TOPSOILING, 4" THICK, INCLUDING FINE GRADING	SY	$4.60	9,410	$43,286.00	6430.00	$29,578.00	7986.00	$36,735.60	7986.00	$36,735.60
105	FERTILIZING	SY	$1.40	9,130	$12,782.00	6430.00	$9,002.00	7986.00	$11,180.40	7986.00	$11,180.40
106	FERTILIZING AND SEEDING, TYPE 2, RIPARIAN ZONE	SY	$3.00	280	$840.00	0.00	$0.00	160.00	$480.00	160.00	$480.00
107	SODDING	SY	$6.00	9,130	$54,780.00	6430.00	$38,580.00	7888.00	$47,328.00	7888.00	$47,328.00
108	FURNISH AND INSTALL REDSPIRE PEAR TREES (PYRUS CALLERYANA REDSPIRE) 8' TO 10' HIGH, 1-1/2" TO 2" CAL., B&B (IF AND WHERE ORDERED)	UN	$0.01	15	$0.15	0.00	$0.00	10.00	$0.10	10.00	$0.10
109	FURNISH AND INSTALL NORTHERN RED OAK TREES (QUERCUS BOREALIS RUBRA) 10' TO 12' HIGH, 1-1/2" TO 2" CAL., B&B (IF AND WHERE ORDERED)	UN	$0.01	15	$0.15	0.00	$0.00	1.00	$0.01	1.00	$0.01
110	FURNISH AND INSTALL WHITE PINE TREES (PINUS STROBUS) 5' TO 6' HIGH, B&B (IF AND WHERE ORDERED)	UN	$0.01	15	$0.15	0.00	$0.00	2.00	$0.02	2.00	$0.02

CLOSEOUT CHANGEORDER AND FINAL
PAYMENT ESTIMATE NO. 9

PROJECT NO. PAB-00657.01
PROJECT NAME: 2014 Budget Year Road Program
OWNER: Township of Aberdeen

Period Included: 01/01/2018 to 02/09/2018
Date Submitted: February 23, 2018
Contractor: Lucas Brothers, Inc.

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL CONTRACT		WORK COMPLETED: PREVIOUS ESTIMATE		WORK COMPLETED: WORK THIS PERIOD		WORK COMPLETED: TOTAL WORK TO DATE	
			(Dollars Cents)	Quantity	Extension	Quantity	Extension	Quantity	Extension	Quantity	Extension
111	FURNISH AND INSTALL OCTOBER GLORY RED MAPLE (ACER RUBRUM "OCTOBER GLORY") 12' TO 14' HIGH, 2" TO 2-1/2" CAL. B&B (IF AND WHERE ORDERED)	UN	$0.01	15	$0.15	0.00	$0.00	8.00	$0.08	8.00	$0.08
112	FURNISH AND INSTALL CALIFORNIA PRIVET HEDGES (LINGUSTRUM IBOLIUM) 3' TO 4' HIGH (IF AND WHERE ORDERED)	UN	$0.01	20	$0.20	0.00	$0.00	46.00	$0.46	46.00	$0.46
113	ALLOWANCE FOR WORK NOT SPECIFIED ($60,000.00) (IF AND WHERE ORDERED)	ALLOW	$60,000.00	1	$60,000.00	0.3972267	$23,833.60	0.8030167	$48,181.00	0.8030167	$48,181.00
			SUBTOTAL		$2,588,612.08		$1,876,307.84		$2,361,841.89		$2,361,841.89

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	$2,361,841.89
LESS RETAINAGE @ 0%	$0.00
BALANCE	$2,361,841.89
LESS PREVIOUS PAYMENTS	$2,314,605.05
BALANCE DUE (Subject to the submission of required Maintenance Guarantee)	$47,236.84

PREPARED BY:

Edward Moore 2-22-18

LUCAS BROTHERS, INC.

TOWNSHIP ENGINEER'S REPRESENTATIVE