

RESOLUTION NO. 2017- 44

A RESOLUTION AUTHORIZING THE ISSUANCE OF AN AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 3, TO CONTRACT NO. C15-0087 ISSUED TO CHARLES MARANDINO, LLC, MILMAY, NJ, IN THE AMOUNT OF \$165,968.45.

WHEREAS, the City Council of the City of Vineland, on August 11, 2015, adopted Resolution No. 2015-337 entitled "A RESOLUTION AWARDING A CONTRACT TO CHARLES MARANDINO, LLC, MILMAY, NJ, FOR THE COMPLETION OF LANDIS AVENUE RESURFACING PROJECT PHASE 1, IN THE AMOUNT OF \$2,054,207.00"; and

WHEREAS, N.J.A.C. 5:30-11.1, et seq., sets forth the requirements for the processing of change orders; and

WHEREAS, the management personnel of City Engineer's Office has requested that an amendment be made to contract awarded to Charles Marandino, LLC, Milmay, NJ for Completion of Landis Avenue Resurfacing Project Phase 1, as authorized by Resolution No. 2015-337: said amendment will provide for an increase of cost and the contract time period from 180 to 297 days; this change order includes: (1) final adjustments on some items based on final quantities, (2) pay adjustments based on asphalt/fuel prices, (3) cost recovery on overtime inspection, (4) contract time adjustment, as well as (5) a number of added items resulting from conflicts encountered by the Contractor during the course of the work as well as additional items necessitated by the existing conditions; said changes are more particularly described in the attached request; and

WHEREAS, the City of Vineland desires to comply with said requirements of N.J.A.C. 5:30-11.1, et seq., and to that end herewith files with the governing body a report stating the facts involved and indicating that the proposed change order may be allowed under these regulations; and

WHEREAS, the City Comptroller has certified the availability of funds for the amendatory supplemental change order for which authorization is requested in the amount of \$165,968.45; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said amendatory supplemental change order #3 to Contract No. C15-0087, issued to Charles Marandino, LLC, Milmay, NJ, in the amount of \$165,968.45, be and the same is hereby ratified and approved.

Adopted:

\_\_\_\_\_  
President of Council

ATTEST:

\_\_\_\_\_  
City Clerk



January 17, 2017

REPORT

TO: THE MAYOR AND COUNCIL

Amendatory Supplemental Change Order No. 3  
Contract No. C15-0087  
Completion of Landis Avenue Resurfacing Project Phase 1  
Charles Marandino, LLC, Milmay, NJ

We are requesting that an amendatory supplemental change order be issued to Contract No. C15-0087, issued to Charles Marandino, LLC, Milmay, NJ for Completion of Landis Avenue Resurfacing Project Phase 1. This contract was authorized by Resolution No. 2015-337, adopted by City Council on August 11, 2015.

The change order requested, in the amount of \$165,968.45, will provide for an increase of cost and the contract time period from 180 to 297 days. This change order includes: (1) final adjustments on some items based on final quantities, (2) pay adjustments based on asphalt/fuel prices, (3) cost recovery on overtime inspection, (4) contract time adjustment, as well as (5) a number of added items resulting from conflicts encountered by the Contractor during the course of the work as well as additional items necessitated by the existing conditions; said changes are more particularly described in the attached request.

This change order, plus change order #1 (\$62,459.20) and #2 (\$179,773.00) represents an increase of approximately 19.8715% over the original contract amount of \$2,054,207.00.

The amendatory supplemental change order for which authorization is herein requested may be authorized in accordance with N.J.A.C. 5:30-11.1 et seq.

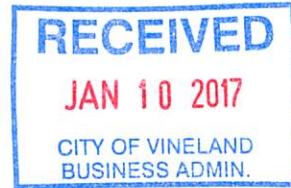
Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Robert E. Dickenson, Jr.", is written over the typed name and title.

Robert E. Dickenson, Jr.  
Assistant Business Administrator

RD/wr  
Encl.

ChangeOrder1-resurface Landis



REQUEST FOR CHANGE ORDER

FOR:

LANDIS AVENUE RESURFACING PHASE 1

**PROJECT NAME**

TO: BUSINESS ADMINISTRATION

DEPARTMENT: PW : ENGINEERING FROM: DAVID MAILLET

This is a request for change order # 3 to Contract # C15-0087 for:

Project Name \_\_\_\_\_

Name/Address of Contractor: CHARLES MARANDINO, LLC

The change order is necessary because: (use additional pages if necessary to explain your reason and you must attach \*documentation to support the necessity of this change order.  
\*(Documentation from contractor, engineer, etc.)

Cost and time increase. Time increase is from 180 days to 297 days.

See attached for full description of change order.

Original Contract Amount:	\$ <u>2,054,207.00</u>
Amount of this change order:	\$ <u>165,968.45</u>
Previous Change Orders:	\$ <u>242,232.20</u>
Total Revised Amount:	\$ <u>2,462,407.65</u>

APPROVED BY: Brian Myers  
Print/type

[Signature]  
Signature

**NOTE:**  
**CHANGE ORDERS CANNOT EXCEED 20% OF THE ORIGINAL CONTRACT AMOUNT**

Please provide the account number that the change order will be charged to:

Account # 021-0-00-00-0000-2-5517301

CC: Purchasing Division

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**LANDIS AVENUE RESURFACING, PHASE 1**  
**CHANGE ORDER #3 JUSTIFICATION**

Change Order number 3 for the above referenced project includes (1) final adjustments on some items based on final quantities, (2) pay adjustments based on asphalt/fuel prices, (3) cost recovery on overtime inspection, (4) contract time adjustment, as well as (5) a number of added items resulting from conflicts encountered by the Contractor during the course of the work as well as additional items necessitated by the existing conditions.

- (1) Bid quantities are always estimates. The final, installed, quantities are what the Contractor is ultimately entitled. Final resolution of the quantities are included in this change order.
- (2) State law requires all contracts of this type to include provisions for fluctuations in the price of asphalt and fuel. This contract resulted in the City recovering over \$23,000 because of this requirement.
- (3) Contracts such as these require the Contractor to reimburse the City for legitimate costs incurred for inspection on weekends and holidays. The City paid almost \$2,000 for inspection during weekends on this project.
- (4) The original contract time for the project was 180 days. The final contract time was 297 days. An extension of time for this project is warranted as the Contractor encountered numerous delays due to unforeseen conditions from the first day a shovel went into the ground. Despite the large time extension, it should be noted that the Contractor diligently worked to keep on the project and bring it to a final condition.
- (5) Items S3, S5, S8, S9 and S18 have been added after numerous negotiations between our office and the Contractor.

S3 "Railing" – While finalizing the grades at the northwest corner of Landis Avenue with Seventh Street, it was realized that the elevations resulted in a grade difference requiring railing to ensure the public safety.

S5, "Road Restoration – LSA Manhole" – This results from a situation where there was a sanitary sewer backup in the 400 block during construction. The cause was not completely clear. The contractor was asked to perform restoration related to the work by LSA that was needed to resolve and mitigate the dispute.

S8, "Trench Grate" – Underground utility conflicts encountered during construction resulted in the City Engineer's office redesigning the westerly corners with Seventh Street such that trench grates would be used to manage the stormwater.

S9, "Bollard" – At the southeast corner with Myrtle Street, it became apparent that the flat grades required something to protect pedestrians in the event of a run off road event. A bollard was the most reasonable solution.

S18, "Additional Excavation at Bumpouts" – The contract originally included excavation at the proposed bumpouts. During layout, it was determined that the true extent of the excavation would have to be much greater than originally intended.

CONTRACT: LANDIS AVENUE RESURFACING PROJECT PHASE I (MYRTLE TO N.E. BOULEVARD), CT C15-0087

CONTRACTOR: CHARLES MARANDINO, LLC  
233 MAIN AVENUE  
MILMAY, NJ 08340

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
1	TRAFFIC CONES (36")	100	UNIT	145.00	245.00	\$ 50.00	\$ 50.00	\$ 5,000.00	\$ 12,250.00	\$ 7,250.00
2	TRAFFIC BARRELS	100	UNIT		100.00	\$ 100.00	\$ 100.00	\$ 10,000.00	\$ 10,000.00	\$ -
3	BREAKAWAY BARRICADES, TYPE I OR II	15	UNIT		15.00	\$ 125.00	\$ 125.00	\$ 1,875.00	\$ 1,875.00	\$ -
4	BREAKAWAY BARRICADES, TYPE I OR II, WITH SINGLE FLASHING LIGHT	15	UNIT		15.00	\$ 150.00	\$ 150.00	\$ 2,250.00	\$ 2,250.00	\$ -
5	TRAFFIC CONTROL DETOUR SIGNAGE	608	SF	246.00	854.00	\$ 20.00	\$ 20.00	\$ 12,160.00	\$ 17,080.00	\$ 4,920.00
6	ALLOWANCE FOR ASPHALT PRICE ADJUSTMENT FOR HMA, IF NEEDED	1	LS	-15.21194	-14.21	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ (14,211.94)	\$ (15,211.94)
7	SOIL EROSION AND SEDIMENT CONTROL	1	LS		1.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00	\$ -
8	INSTALL 3" RIGID METALLIC CONDUIT (LOCATION TO BE DETERMINED BY CITY ENGINEER)	1,650	LF	-33.00	1,617.00	\$ 40.00	\$ 40.00	\$ 66,000.00	\$ 64,680.00	\$ (1,320.00)
9	TRAINEES	2,960	HOUR	-1063.00	1,897.00	\$ 0.80	\$ 0.80	\$ 2,368.00	\$ 1,517.60	\$ (850.40)
10	ALLOWANCE FOR FUEL PRICE ADJUSTMENT	1	LS	-7.8848	-6.88	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ (6,884.80)	\$ (7,884.80)
A1	HMA MILLING, 2"	5,600	SY	-760.00	4,840.00	\$ 2.80	\$ 2.80	\$ 15,680.00	\$ 13,552.00	\$ (2,128.00)
A2	HMA SURFACE COURSE 9.5M64, 2" THICK	4,840	SY		4,840.00	\$ 8.95	\$ 8.95	\$ 43,318.00	\$ 43,318.00	\$ -
A3	BASE REPAIRS	12	CY		12.00	\$ 60.00	\$ 60.00	\$ 720.00	\$ 720.00	\$ -
A4	REMOVE AND REPLACE CONCRETE CURB, 6"x8"x18"	350	LF	125.00	475.00	\$ 48.00	\$ 48.00	\$ 16,800.00	\$ 22,800.00	\$ 6,000.00
A5	REMOVE AND REPLACE DRIVEWAY APRONS, 6" THICK REINFORCED	120	SF		120.00	\$ 8.50	\$ 8.50	\$ 1,020.00	\$ 1,020.00	\$ -
A6	CONCRETE SIDEWALK, 4" THICK, 4,000 PSI	2,993	SF	-379.00	2,614.00	\$ 8.00	\$ 8.00	\$ 23,944.00	\$ 20,912.00	\$ (3,032.00)
A7	CONCRETE GUTTER, 8" THICK	1,400	LF	38.00	1,438.00	\$ 45.00	\$ 45.00	\$ 63,000.00	\$ 64,710.00	\$ 1,710.00

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
A8	NEW BRICK PAVER SIDEWALK	536	SF	-56.25	479.75	\$ 25.00	\$ 25.00	\$ 13,400.00	\$ 11,993.75	\$ (1,406.25)
A9	REMOVE AND REPLACE HANDICAP RAMP, CONCRETE OR BRICK (WITH CAST IRON DETECTABLE WARNING)	11	UNIT		11.00	\$ 3,950.00	\$ 3,950.00	\$ 43,450.00	\$ 43,450.00	\$ -
A10	REMOVE AND RESET BRICK PAVERS	1,310	SF	-773.00	537.00	\$ 23.00	\$ 23.00	\$ 30,130.00	\$ 12,351.00	\$ (17,779.00)
A11	REMOVE DRAINAGE STRUCTURE (INCLUDING EXCAVATION AND BACKFILL)	2	UNIT		2.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ -
A12	REMOVE ADDITIONAL DRAINAGE PIPING (NO PIPE REPLACEMENT)(INCLUDING EXCAVATION, BACKFILL AND PAVED TRENCH RESTORATION)	148	LF		148.00	\$ 30.00	\$ 30.00	\$ 4,440.00	\$ 4,440.00	\$ -
A13	RESET MANHOLE CASTING	7	UNIT		7.00	\$ 350.00	\$ 350.00	\$ 2,450.00	\$ 2,450.00	\$ -
A14	INSTALL INLET, TYPE B	2	UNIT		2.00	\$ 4,500.00	\$ 4,500.00	\$ 9,000.00	\$ 9,000.00	\$ -
A15	REBUILD INLET, USING NEW CASTING	5	UNIT	-3.00	2.00	\$ 4,000.00	\$ 4,000.00	\$ 20,000.00	\$ 8,000.00	\$ (12,000.00)
A16	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE)	145	LF	-75.50	69.50	\$ 185.00	\$ 185.00	\$ 28,825.00	\$ 12,857.50	\$ (13,967.50)
A17	REPLACE TRAFFIC SIGN	39	SF		39.00	\$ 30.00	\$ 30.00	\$ 1,170.00	\$ 1,170.00	\$ -
A18	REPLACE TRAFFIC SIGN AND POST (INCLUDES RESTORATION)	4	SF		4.00	\$ 30.00	\$ 30.00	\$ 120.00	\$ 120.00	\$ -
A19	4" DOUBLE YELLOW LINE STRIPING, THERMOPLASTIC	570	LF	5.00	575.00	\$ 1.30	\$ 1.30	\$ 741.00	\$ 747.50	\$ 6.50
A20	4" SINGLE BLUE LINE STRIPING, THERMOPLASTIC	490	LF		490.00	\$ 0.75	\$ 0.75	\$ 367.50	\$ 367.50	\$ -
A21	4" SINGLE WHITE LINE STRIPING, THERMOPLASTIC	2,235	LF		2,235.00	\$ 0.65	\$ 0.65	\$ 1,452.75	\$ 1,452.75	\$ -
A22	4" SINGLE YELLOW LINE STRIPING, THERMOPLASTIC	600	LF		600.00	\$ 0.65	\$ 0.65	\$ 390.00	\$ 390.00	\$ -
A23	TRAFFIC MARKINGS, WHITE, THERMOPLASTIC	390	SF		390.00	\$ 6.00	\$ 6.00	\$ 2,340.00	\$ 2,340.00	\$ -
A24	TRAFFIC MARKINGS, BLUE, THERMOPLASTIC	20	SF		20.00	\$ 12.50	\$ 12.50	\$ 250.00	\$ 250.00	\$ -
A25	TRAFFIC STRIPES, 6" WHITE, THERMOPLASTIC (CROSSWALKS)	295	LF		295.00	\$ 1.00	\$ 1.00	\$ 295.00	\$ 295.00	\$ -
A26	TRAFFIC MARKINGS, 24" WHITE STOP BARS, THERMOPLASTIC	126	SF		126.00	\$ 2.00	\$ 2.00	\$ 252.00	\$ 252.00	\$ -

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
A27	CONCRETE PAVEMENT JOINT SEALING (BACKER ROD AND SEALANT)	3,700	LF	-3700.00	0.00	\$ 3.00	\$ 3.00	\$ 11,100.00	\$ -	\$ (11,100.00)
A28	SAWCUT AND REMOVE EXISTING TROLLEY TRACKS (IF AND WHERE DIRECTED)	1	LS	-1.00	0.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ -	\$ (1.00)
A29	SAWCUT AND REMOVE EXISTING CEMENT CONCRETE BASE COURSE FOR BUMPOUTS AND BACKFILL INCLUDING RESTORATION	1	LS		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
B1	HMA MILLING, 2"	5,700	SY	-650.00	5,050.00	\$ 2.80	\$ 2.80	\$ 15,960.00	\$ 14,140.00	\$ (1,820.00)
B2	HMA SURFACE COURSE 9.5M64, 2" THICK	5,050	SY		5,050.00	\$ 8.95	\$ 8.95	\$ 45,197.50	\$ 45,197.50	\$ -
B3	REMOVE AND REPLACE CONCRETE CURB, 6"x8"x18"	425	LF	38.00	463.00	\$ 48.00	\$ 48.00	\$ 20,400.00	\$ 22,224.00	\$ 1,824.00
B4	CONCRETE SIDEWALK, 4" THICK, 4,000 PSI	1,730	SF	-754.25	975.75	\$ 8.00	\$ 8.00	\$ 13,840.00	\$ 7,806.00	\$ (6,034.00)
B5	CONCRETE GUTTER, 8" THICK	1,450	SF	13.00	1,463.00	\$ 45.00	\$ 45.00	\$ 65,250.00	\$ 65,835.00	\$ 585.00
B6	REMOVE AND REPLACE HANDICAP RAMP, (WITH CAST IRON DETECTABLE WARNING)	13	UNIT	-1.00	12.00	\$ 3,950.00	\$ 3,950.00	\$ 51,350.00	\$ 47,400.00	\$ (3,950.00)
B7	NEW BRICK PAVER SIDEWALK	860	SF	-86.50	773.50	\$ 25.00	\$ 25.00	\$ 21,500.00	\$ 19,337.50	\$ (2,162.50)
B8	REMOVE AND RESET BRICK PAVERS	2,660	SF	-1779.25	880.75	\$ 18.00	\$ 18.00	\$ 47,880.00	\$ 15,853.50	\$ (32,026.50)
B9	INLET CONVERTED TO MANHOLE	1	UNIT		1.00	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ -
B10	INLET, TYPE B	6	UNIT		6.00	\$ 4,500.00	\$ 4,500.00	\$ 27,000.00	\$ 27,000.00	\$ -
B11	INLET, TYPE A	2	UNIT		2.00	\$ 4,500.00	\$ 4,500.00	\$ 9,000.00	\$ 9,000.00	\$ -
B12	REMOVE DRAINAGE STRUCTURE (INCLUDING EXCAVATION AND BACKFILL)	7	UNIT		7.00	\$ 800.00	\$ 800.00	\$ 5,600.00	\$ 5,600.00	\$ -
B13	REMOVE ADDITIONAL DRAINAGE PIPING (NO PIPE REPLACEMENT)(INCLUDING EXCAVATION, BACKFILL AND PAVED TRENCH RESTORATION)	34	LF		34.00	\$ 30.00	\$ 30.00	\$ 1,020.00	\$ 1,020.00	\$ -
B14	RESET MANHOLE CASTING	5	UNIT		5.00	\$ 350.00	\$ 350.00	\$ 1,750.00	\$ 1,750.00	\$ -
B15	REBUILD INLET, USING NEW CASTING	2	UNIT		2.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00	\$ -
B16	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE)	0	LF		0.00	\$ 185.00	\$ 185.00	\$ -	\$ -	\$ -

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
B17	DUCTILE IRON PIPE, 24" (INCLUDES REMOVAL OF EXISTING PIPE)	128	LF	-14.00	114.00	\$ 345.00	\$ 345.00	\$ 44,160.00	\$ 39,330.00	\$ (4,830.00)
B18	REPLACE TRAFFIC SIGN	42	SF		42.00	\$ 30.00	\$ 30.00	\$ 1,260.00	\$ 1,260.00	\$ -
B19	REPLACE TRAFFIC SIGN AND POST (INCLUDES RESTORATION)	30	SF		30.00	\$ 30.00	\$ 30.00	\$ 900.00	\$ 900.00	\$ -
B20	IMPRINTED CROSSWALK	680	SF	5.00	685.00	\$ 20.00	\$ 20.00	\$ 13,800.00	\$ 13,700.00	\$ 100.00
B21	4" DOUBLE YELLOW LINE STRIPING, THERMOPLASTIC	590	LF	6.00	596.00	\$ 0.65	\$ 0.65	\$ 383.50	\$ 387.40	\$ 3.90
B22	4" SINGLE BLUE LINE STRIPING, THERMOPLASTIC	550	LF		550.00	\$ 0.75	\$ 0.75	\$ 412.50	\$ 412.50	\$ -
B23	4" SINGLE WHITE LINE STRIPING, THERMOPLASTIC	2,500	LF		2,500.00	\$ 0.65	\$ 0.65	\$ 1,625.00	\$ 1,625.00	\$ -
B24	4" SINGLE YELLOW LINE STRIPING, THERMOPLASTIC	1,105	LF		1,105.00	\$ 0.65	\$ 0.65	\$ 718.25	\$ 718.25	\$ -
B25	TRAFFIC MARKINGS, WHITE, THERMOPLASTIC	150	SF		150.00	\$ 6.00	\$ 6.00	\$ 900.00	\$ 900.00	\$ -
B26	TRAFFIC MARKINGS, BLUE, THERMOPLASTIC	20	SF		20.00	\$ 12.50	\$ 12.50	\$ 250.00	\$ 250.00	\$ -
B27	TRAFFIC STRIPES, 6" WHITE, THERMOPLASTIC (CROSSWALKS)	330	LF		330.00	\$ 1.00	\$ 1.00	\$ 330.00	\$ 330.00	\$ -
B28	TRAFFIC MARKINGS, 24" WHITE STOP BARS, THERMOPLASTIC	175	SF		175.00	\$ 2.00	\$ 2.00	\$ 350.00	\$ 350.00	\$ -
B29	CONCRETE PAVEMENT JOINT SEALING (BACKER ROD AND SEALANT)	3,700	LF	-3700.00	0.00	\$ 3.00	\$ 3.00	\$ 11,100.00	\$ -	\$ (11,100.00)
B30	SAWCUT AND REMOVE EXISTING TROLLEY TRACKS (IF AND WHERE DIRECTED)	1	LS	-1.00	0.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ -	\$ (1.00)
B31	SAWCUT AND REMOVE EXISTING CEMENT CONCRETE BASE COURSE FOR BUMPOUTS AND BACKFILL INCLUDING RESTORATION	1	LS		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
B32	TREE REMOVAL	1	UNIT	-1.00	0.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ (2,500.00)
C1	HMA MILLING, 2"	5,800	SY	-660.00	5,140.00	\$ 2.80	\$ 2.80	\$ 16,240.00	\$ 14,392.00	\$ (1,848.00)
C2	HMA SURFACE COURSE 9.5M64, 2" THICK	5,140	SY		5,140.00	\$ 8.95	\$ 8.95	\$ 46,003.00	\$ 46,003.00	\$ -
C3	BASE REPAIRS	48	CY		48.00	\$ 60.00	\$ 60.00	\$ 2,880.00	\$ 2,880.00	\$ -
C4	REMOVE AND REPLACE CONCRETE CURB, 6"x8"x18"	500	LF	7.50	507.50	\$ 48.00	\$ 48.00	\$ 24,000.00	\$ 24,360.00	\$ 360.00



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C5	REMOVE AND REPLACE DRIVEWAY APRONS, 6" THICK REINFORCED	140	SF		140.00	\$ 9.00	\$ 9.00	\$ 1,260.00	\$ 1,260.00	\$ -
C6	CONCRETE SIDEWALK, 4" THICK, 4,000 PSI	2,190	SF	-578.75	1,611.25	\$ 8.00	\$ 8.00	\$ 17,520.00	\$ 12,890.00	\$ (4,630.00)
C7	CONCRETE GUTTER, 8" THICK	1,450	LF	-493.00	957.00	\$ 45.00	\$ 45.00	\$ 65,250.00	\$ 43,065.00	\$ (22,185.00)
C8	REMOVE AND REPLACE HANDICAP RAMP (WITH DETECTABLE WARNING)	17	UNIT	1.00	18.00	\$ 3,950.00	\$ 3,950.00	\$ 67,150.00	\$ 71,100.00	\$ 3,950.00
C9	NEW BRICK PAVR SIDEWALK	1,490	SF	-258.50	1,231.50	\$ 25.00	\$ 25.00	\$ 37,250.00	\$ 30,787.50	\$ (6,462.50)
C10	REMOVE AND RESET BRICK PAVERS	2,385	SF	-825.00	1,560.00	\$ 18.00	\$ 18.00	\$ 42,930.00	\$ 28,080.00	\$ (14,850.00)
C11	INLET, TYPE B	2	UNIT	2.00	4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 9,000.00	\$ 9,000.00	\$ -
C12	REBUILD INLET, USING NEW CASTING	1	UNIT	1.00	4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
C13	REMOVE DRAINAGE STRUCTURE (INCLUDING EXCAVATION AND BACKFILL)	2	UNIT	2.00	1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 2,400.00	\$ 2,400.00	\$ -
C14	REMOVE ADDITIONAL DRAINAGE PIPING (NO PIPE REPLACEMENT) INCLUDING EXCAVATION, BACKFILL AND PAVED TRENCH RESTORATION)	29	LF		29.00	\$ 50.00	\$ 50.00	\$ 1,450.00	\$ 1,450.00	\$ -
C15	RESET MANHOLE CASTING	5	UNIT	5.00	350.00	\$ 350.00	\$ 350.00	\$ 1,750.00	\$ 1,750.00	\$ -
C16	INSTALL MANHOLE, 4" DIAMETER	2	UNIT	2.00	5,500.00	\$ 5,500.00	\$ 5,500.00	\$ 11,000.00	\$ 11,000.00	\$ -
C17	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE)	0	LF		0.00	\$ 185.00	\$ 185.00	\$ -	\$ -	\$ -
C18	REPLACE TRAFFIC SIGN	62	SF		62.00	\$ 30.00	\$ 30.00	\$ 1,860.00	\$ 1,860.00	\$ -
C19	REPLACE TRAFFIC SIGN AND POST (INCLUDES RESTORATION)	51	SF		51.00	\$ 30.00	\$ 30.00	\$ 1,530.00	\$ 1,530.00	\$ -
C20	IMPRINTED CROSSWALK	680	SF	5.00	685.00	\$ 20.00	\$ 20.00	\$ 13,800.00	\$ 13,700.00	\$ 100.00
C21	4" DOUBLE YELLOW LINE STRIPING, THERMOPLASTIC	595	LF	5.00	600.00	\$ 1.30	\$ 1.30	\$ 773.50	\$ 780.00	\$ 6.50
C22	4" SINGLE BLUE LINE STRIPING, THERMOPLASTIC	865	LF		865.00	\$ 0.75	\$ 0.75	\$ 648.75	\$ 648.75	\$ -
C23	4" SINGLE WHITE LINE STRIPING, THERMOPLASTIC	1,890	LF		1,890.00	\$ 0.65	\$ 0.65	\$ 1,228.50	\$ 1,228.50	\$ -
C24	4" SINGLE YELLOW LINE STRIPING, THERMOPLASTIC	1,425	LF		1,425.00	\$ 0.65	\$ 0.65	\$ 926.25	\$ 926.25	\$ -

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
C25	TRAFFIC MARKINGS, WHITE, THERMOPLASTIC	190	SF		190.00	\$ 6.00	\$ 6.00	\$ 1,140.00	\$ 1,140.00	\$ -
C26	TRAFFIC MARKINGS, BLUE, THERMOPLASTIC	35	SF		35.00	\$ 13.00	\$ 13.00	\$ 455.00	\$ 455.00	\$ -
C27	TRAFFIC STRIPES, 6" WHITE, THERMOPLASTIC (CROSSWALKS)	360	LF		360.00	\$ 1.00	\$ 1.00	\$ 360.00	\$ 360.00	\$ -
C28	TRAFFIC MARKINGS, 24" WHITE STOP BARS, THERMOPLASTIC	166	SF		166.00	\$ 2.00	\$ 2.00	\$ 332.00	\$ 332.00	\$ -
C29	CONCRETE PAVEMENT JOINT SEALING (BACKER ROD AND SEALANT)	3,700	LF	-3700.00	0.00	\$ 3.00	\$ 3.00	\$ 11,100.00	\$ -	\$ (11,100.00)
C30	SAWCUT AND REMOVE EXISTING TROLLEY TRACKS (IF AND WHERE DIRECTED)	1	LS	-1.00	0.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ -	\$ (1.00)
C31	RELOCATE ORNAMENTAL LIGHT POLE	1	UNIT		1.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ -
C32	SAWCUT AND REMOVE EXISTING CEMENT CONCRETE BASE COURSE FOR BUMPOUTS AND BACKFILL INCLUDING RESTORATION	1	LS		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
D1	HMA MILLING, 2"	5,100	SY	-600.00	4,500.00	\$ 2.80	\$ 2.80	\$ 14,280.00	\$ 12,600.00	\$ (1,680.00)
D2	HMA SURFACE COURSE 9.5M64, 2" THICK	4,500	SY		4,500.00	\$ 8.95	\$ 8.95	\$ 40,275.00	\$ 40,275.00	\$ -
D3	BASE REPAIRS	20	CY		20.00	\$ 60.00	\$ 60.00	\$ 1,200.00	\$ 1,200.00	\$ -
D4	REMOVE AND REPLACE CONCRETE CURB, 6"x8"x18"	416.50	LF	277.00	693.50	\$ 48.00	\$ 48.00	\$ 19,992.00	\$ 33,288.00	\$ 13,296.00
D5	REMOVE AND REPLACE DRIVEWAY APRONS, 6" THICK REINFORCED	1,741.50	SF	116.50	1,858.00	\$ 9.00	\$ 9.00	\$ 15,673.50	\$ 16,722.00	\$ 1,048.50
D6	CONCRETE SIDEWALK, 4" THICK, 4,000 PSI	4,025	SF	436.75	4,461.75	\$ 8.00	\$ 8.00	\$ 32,200.00	\$ 35,694.00	\$ 3,494.00
D7	CONCRETE GUTTER, 8" THICK	1,562	LF	328.00	1,890.00	\$ 45.00	\$ 45.00	\$ 70,290.00	\$ 85,050.00	\$ 14,760.00
D8	REMOVE AND REPLACE HANDICAP RAMP (WITH DETECTABLE WARNING)	10	UNIT	1.00	11.00	\$ 3,950.00	\$ 3,950.00	\$ 39,500.00	\$ 43,450.00	\$ 3,950.00
D9	NEW BRICK PAVER SIDEWALK	300	SF	48.50	348.50	\$ 25.00	\$ 25.00	\$ 7,500.00	\$ 8,712.50	\$ 1,212.50
D10	REMOVE AND RESET BRICK PAVERS	705	SF	-441.50	263.50	\$ 18.00	\$ 18.00	\$ 12,890.00	\$ 4,743.00	\$ (7,947.00)
D11	INLET CONVERTED TO MANHOLE	0	UNIT	1.00	1.00	\$ 5,500.00	\$ 5,500.00	\$ -	\$ 5,500.00	\$ 5,500.00
D12	INLET, TYPE B	3	UNIT		3.00	\$ 4,500.00	\$ 4,500.00	\$ 13,500.00	\$ 13,500.00	\$ -

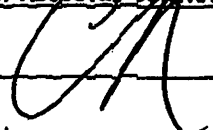
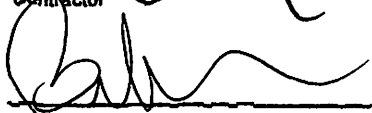
ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
D13	REBUILD INLET, USING NEW CASTING	1	UNIT		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
D14	REMOVE DRAINAGE STRUCTURE (INCLUDING EXCAVATION AND BACKFILL)	3	UNIT		3.00	\$ 1,200.00	\$ 1,200.00	\$ 3,600.00	\$ 3,600.00	\$ -
D15	RESET MANHOLE CASTING	6	UNIT		6.00	\$ 350.00	\$ 350.00	\$ 2,100.00	\$ 2,100.00	\$ -
D16	INSTALL MANHOLE, 4' DIAMETER	2	UNIT		2.00	\$ 5,500.00	\$ 5,500.00	\$ 11,000.00	\$ 11,000.00	\$ -
D17	DUCTILE IRON PIPE, 12" (INCLUDES REMOVAL OF EXISTING PIPE)	206	LF		206.00	\$ 175.00	\$ 175.00	\$ 38,050.00	\$ 38,050.00	\$ -
D18	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE)	64	LF		64.00	\$ 185.00	\$ 185.00	\$ 11,840.00	\$ 11,840.00	\$ -
D19	REPLACE TRAFFIC SIGN	24	SF		24.00	\$ 30.00	\$ 30.00	\$ 720.00	\$ 720.00	\$ -
D20	REPLACE TRAFFIC SIGN AND POST (INCLUDES RESTORATION)	8	SF		8.00	\$ 30.00	\$ 30.00	\$ 240.00	\$ 240.00	\$ -
D21	4" DOUBLE YELLOW LINE STRIPING, THERMOPLASTIC	505	LF	6.00	511.00	\$ 1.30	\$ 1.30	\$ 656.50	\$ 664.30	\$ 7.80
D22	4" SINGLE BLUE LINE STRIPING, THERMOPLASTIC	195	LF		195.00	\$ 0.75	\$ 0.75	\$ 146.25	\$ 146.25	\$ -
D23	4" SINGLE WHITE LINE STRIPING, THERMOPLASTIC	1,630	LF		1,630.00	\$ 0.65	\$ 0.65	\$ 1,059.50	\$ 1,059.50	\$ -
D24	4" SINGLE YELLOW LINE STRIPING, THERMOPLASTIC	1,570	LF		1,570.00	\$ 0.65	\$ 0.65	\$ 1,020.50	\$ 1,020.50	\$ -
D25	TRAFFIC MARKINGS, WHITE, THERMOPLASTIC	270	SF		270.00	\$ 6.00	\$ 6.00	\$ 1,620.00	\$ 1,620.00	\$ -
D26	TRAFFIC MARKINGS, BLUE, THERMOPLASTIC	10	SF		10.00	\$ 13.00	\$ 13.00	\$ 130.00	\$ 130.00	\$ -
D27	TRAFFIC STRIPES, 6" WHITE, THERMOPLASTIC (CROSSWALKS)	363	LF		363.00	\$ 1.00	\$ 1.00	\$ 363.00	\$ 363.00	\$ -
D28	TRAFFIC MARKINGS, 24" WHITE STOP BARS, THERMOPLASTIC	230	SF		230.00	\$ 2.00	\$ 2.00	\$ 460.00	\$ 460.00	\$ -
D29	CONCRETE PAVEMENT JOINT SEALING (BACKER ROD AND SEALANT)	3,700	LF	-3700.00	0.00	\$ 3.00	\$ 3.00	\$ 11,100.00	\$ -	\$ (11,100.00)
D30	SAWCUT AND REMOVE EXISTING TROLLEY TRACKS (IF AND WHERE DIRECTED)	1	LS	-1.00	0.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ -	\$ (1.00)

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
D31	SAWCUT AND REMOVE EXISTING CEMENT CONCRETE BASE COURSE FOR BUMPOUTS AND BACKFILL INCLUDING RESTORATION	1	LS		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
E1	HMA MILLING, 2"	4,700	SY	-530.00	4,170.00	\$ 2.80	\$ 2.80	\$ 13,160.00	\$ 11,676.00	\$ (1,484.00)
E2	HMA SURFACE COURSE 9.5M64, 2" THICK	4,170	SY		4,170.00	\$ 8.95	\$ 8.95	\$ 37,321.50	\$ 37,321.50	\$ -
E3	REMOVE AND REPLACE CONCRETE CURB, 6"x8"x18"	465	LF	47.00	512.00	\$ 48.00	\$ 48.00	\$ 22,320.00	\$ 24,576.00	\$ 2,256.00
E4	REMOVE AND REPLACE DRIVEWAY APRONS, 6" THICK REINFORCED	2,580	SF	-1642.00	938.00	\$ 9.00	\$ 9.00	\$ 23,220.00	\$ 8,442.00	\$ (14,778.00)
E5	CONCRETE SIDEWALK, 4" THICK, 4,000 PSI	4,460	SF	-1167.50	3,292.50	\$ 8.00	\$ 8.00	\$ 35,680.00	\$ 26,340.00	\$ (9,340.00)
E6	CONCRETE GUTTER, 8" THICK	1,160	LF	-109.00	1,051.00	\$ 45.00	\$ 45.00	\$ 52,200.00	\$ 47,295.00	\$ (4,905.00)
E7	CONCRETE GUTTER SWALE, 8" THICK	21	SY	-7.00	14.00	\$ 400.00	\$ 400.00	\$ 8,400.00	\$ 5,600.00	\$ (2,800.00)
E8	REMOVE AND REPLACE HANDICAP RAMP (WITH DETECTABLE WARNING)	14	UNIT	-4.00	10.00	\$ 3,950.00	\$ 3,950.00	\$ 55,300.00	\$ 39,500.00	\$ (15,800.00)
E9	INLET, TYPE B	1	UNIT		1.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ -
E10	REBUILD INLET, USING NEW CASTING	1	UNIT		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
E11	RESET MANHOLE CASTING	2	UNIT		2.00	\$ 350.00	\$ 350.00	\$ 700.00	\$ 700.00	\$ -
E12	REPLACE TRAFFIC SIGN	55	SF		55.00	\$ 30.00	\$ 30.00	\$ 1,650.00	\$ 1,650.00	\$ -
E13	REPLACE TRAFFIC SIGN AND POST (INCLUDES RESTORATION)	16	SF		16.00	\$ 30.00	\$ 30.00	\$ 480.00	\$ 480.00	\$ -
E14	4" DOUBLE YELLOW LINE STRIPING, THERMOPLASTIC	540	LF	6.50	546.50	\$ 1.30	\$ 1.30	\$ 702.00	\$ 710.45	\$ 8.45
E15	4" SINGLE BLUE LINE STRIPING, THERMOPLASTIC	512	LF		512.00	\$ 0.75	\$ 0.75	\$ 384.00	\$ 384.00	\$ -
E16	4" SINGLE WHITE LINE STRIPING, THERMOPLASTIC	1,175	LF		1,175.00	\$ 0.65	\$ 0.65	\$ 763.75	\$ 763.75	\$ -
E17	4" SINGLE YELLOW LINE STRIPING, THERMOPLASTIC	740	LF		740.00	\$ 0.65	\$ 0.65	\$ 481.00	\$ 481.00	\$ -
E18	TRAFFIC MARKINGS, WHITE, THERMOPLASTIC	405	SF		405.00	\$ 6.00	\$ 6.00	\$ 2,430.00	\$ 2,430.00	\$ -
E19	TRAFFIC MARKINGS, BLUE, THERMOPLASTIC	4	SF		4.00	\$ 13.00	\$ 13.00	\$ 52.00	\$ 52.00	\$ -
E20	TRAFFIC STRIPES, 6" WHITE, THERMOPLASTIC (CROSSWALKS)	570	LF		570.00	\$ 1.00	\$ 1.00	\$ 570.00	\$ 570.00	\$ -

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
E21	TRAFFIC MARKINGS, 24" WHITE STOP BARS, THERMOPLASTIC	280	SF	-120.00	160.00	\$ 2.00	\$ 2.00	\$ 560.00	\$ 320.00	\$ (240.00)
E22	CONCRETE PAVEMENT JOINT SEALING (BACKER ROD AND SEALANT)	3,700	LF	-3700.00	0.00	\$ 3.00	\$ 3.00	\$ 11,100.00	\$ -	\$ (11,100.00)
E23	SAWCUT AND REMOVE EXISTING TROLLEY TRACKS (IF AND WHERE DIRECTED)	1	LS	-1.00	0.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ -	\$ (1.00)
E24	SAWCUT AND REMOVE EXISTING CEMENT CONCRETE BASE COURSE FOR BUMPOUTS AND BACKFILL INCLUDING RESTORATION	1	LS		1.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -
S1	DUCTILE IRON PIPE, 8" (INCLUDES REMOVAL OF EXISTING PIPE)	600.00	LF	-35.50	564.50	\$ 165.00	\$ 165.00	\$ 99,000.00	\$ 93,142.50	\$ (5,857.50)
S2	DUCTILE IRON PIPE FITTINGS (NON DOMESTIC)	1.00	LS		1.00	\$ 2,187.45	\$ 2,187.45	\$ 2,187.45	\$ 2,187.45	\$ -
S3	RAILING	0.00	LS	1.00	1.00	\$ -	\$ 6,400.00	\$ -	\$ 6,400.00	\$ 6,400.00
S4	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE; EXCLUDES FITTINGS; B16)	150.00	LF		150.00	\$ 179.00	\$ 179.00	\$ 26,850.00	\$ 26,850.00	\$ -
S5	ROAD RESTORATION - LSA MANHOLE	0.00	LS	1.00	1.00	\$ -	\$ 5,000.00	\$ -	\$ 5,000.00	\$ 5,000.00
S6	DUCTILE IRON PIPE, 16" (INCLUDES REMOVAL OF EXISTING PIPE; EXCLUDES FITTINGS; C17)	100.00	LF	-0.50	99.50	\$ 179.00	\$ 179.00	\$ 17,900.00	\$ 17,810.50	\$ (89.50)
S7	INLET, TYPE E	6.00	UNIT		6.00	\$ 5,500.00	\$ 5,500.00	\$ 33,000.00	\$ 33,000.00	\$ -
S8	TRENCH GRATE	0.00	LF	92.00	92.00	\$ -	\$ 365.00	\$ -	\$ 33,580.00	\$ 33,580.00
S9	BOLLARD	0.00	UNIT	1.00	1.00	\$ -	\$ 1,175.00	\$ -	\$ 1,175.00	\$ 1,175.00
S10	NO ITEM	-	-			\$ -	\$ -	\$ -	\$ -	\$ -
S11	RESTOCKING FEE	4,313.25	DOLLAR		4313.25	\$ 1.00	\$ 1.00	\$ 4,313.25	\$ 4,313.25	\$ -
S12	EXTRA WORK FOR CONCRETE REMOVAL	1.00	LS		1.00	\$ 59,812.12	\$ 59,812.12	\$ 59,812.12	\$ 59,812.12	\$ -
S13	DELAY BASED ON UNDERGROUND ELECTRIC	1.00	LS		1.00	\$ 43,979.88	\$ 43,979.88	\$ 43,979.88	\$ 43,979.88	\$ -
S14	REMOVE AND REINSTALL MATERIALS DUE TO CONFLICTS	1.00	LS		1.00	\$ 26,474.28	\$ 26,474.28	\$ 26,474.28	\$ 26,474.28	\$ -
S15	ADDITIONAL RESTOCKING FEES	1.00	LS		1.00	\$ 3,699.82	\$ 3,699.82	\$ 3,699.82	\$ 3,699.82	\$ -

ITEM	DESCRIPTION	CONTRACT QUANTITY	UNITS	QUANTITY ADJUSTMENT	ADJUSTED QUANTITY	CONTRACT UNIT PRICE	ADJUSTED UNIT PRICE	CONTRACT AMOUNT	FINAL AMOUNT	AMOUNT OF CHANGE
S16	TEST PITS	1.00	LS		1.00	\$ 3,454.90	\$ 3,454.90	\$ 3,454.90	\$ 3,454.90	\$ -
S17	ADDITIONAL DEPTH CONDUIT INSTALLATION	1.00	LS		1.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ -
S18	ADDITIONAL EXCAVATION AT BUMPOUTS	0.00	SF	7493.66	7493.66	\$ -	\$ 46.50	\$ -	\$ 348,455.19	\$ 348,455.19
	OVERTIME INSPECTION COSTS				-1,686.50		\$ 1.00	\$ -	\$ (1,686.50)	\$ (1,686.50)
					TOTAL OF CHANGE ORDER #3:					\$ 165,988.45
	TOTAL PERCENT FOR THIS CHANGE ORDER:	8.08%								
	PERCENT TOTAL CHANGE ORDER TO DATE OF ORIGINAL CONTRACT	19.87%								
	AMOUNT OF ORIGINAL CONTRACT:				\$ 2,054,207.00					
	PLUS CHANGE ORDER NO. 1:				62,459.20					
	PLUS CHANGE ORDER NO. 2:				179,773.00					
	PLUS CHANGE ORDER NO. 3:				165,988.45					
	AMOUNT OF ADJUSTED CONTRACT:				\$ 2,462,407.65					

Recommended By:

  
 Contractor  
  
 City Engineer