

**ORDINANCE NO.: 06-17**

**AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE BOROUGH OF MOUNT ARLINGTON, COUNTY OF MORRIS AND STATE OF NEW JERSEY, AUTHORIZING AND APPROPRIATING \$750,000.00 FOR 2017 MUNICIPAL ROADS REHABILITATION**

**WHEREAS**, the Mayor and Council for the Borough of Mount Arlington desires to begin the rehabilitation of various municipal roads; and

**WHEREAS**, in order to finance the expenditures associated with the Municipal Roads Rehabilitation Project, including but not limited to, all activities associated with the construction; the design and implementation of all necessary measures; and issuance of Request for Proposals; the General Capital Fund Reserve must be formally appropriated. The estimated cost for the project prepared by the Borough Engineer is \$1,211,000.00, as set forth in the attached Proposal for Professional Engineering Services, dated March 3, 2017; and CP Professional Services Road Rehabilitation Recommendations dated April 28, 2017, a copy of all documents shall be incorporated herein as if set forth at length; and

**WHEREAS**, the Borough Engineer and the Borough CFO recommends the Mayor and Council for the Borough of Mount Arlington authorize the appropriation.

**BE IT ORDAINED**, by the Mayor and Council of the Borough of Mount Arlington, County of Morris and State of New Jersey as follows:

**Section 1:** The improvement and purpose described in Section 3 of this ordinance is hereby authorized as a general improvement to be made or acquired by the Borough of Mount Arlington, County of Morris, New Jersey (hereinafter referred to as the "Borough"). For the said improvement or purpose stated in Section 3 of this ordinance, there is hereby appropriated \$750,000 said sum being inclusive of all appropriations heretofore made therefor.

**Section 2:** The improvement hereby authorized and the purpose for the financing of which said obligations are to be issued is as follows:

The Municipal Road Rehabilitation Project, including but not limited to, all activities associated with the construction; the design and implementation of all necessary measures; and issuance of Request for Proposals. For financing said improvement there is hereby appropriated the sum of

1,211,000.00 from the following sources; \$750,000.00 from Capital Improvement Fund to supplement Ordinance 08-16; adopted July 12, 2016.

**Section 3:** The improvement authorized is expenditures associated with the Municipal Road Rehabilitation Project, including but not limited to, all activities associated with construction costs; the design and implementation of all necessary measures; and Request for Proposals.

The following additional matters are hereby determined, declared, recited and stated:

- (a) The purpose described in Section 2 of this ordinance is not a current expense and is property or an improvement which the Borough may lawfully acquire or make as a general improvement having a period of usefulness of at least five (5) years and no part of the cost thereof has been or shall be specially assessed on property benefitted thereby.
- (b) Amount not exceeding \$218,000 in the aggregate for interest on said obligations, costs of issuing said obligations, engineering costs, legal fees and other items of expense listed and permitted under N.J.S.A. 40A:2-20 of the Law may be included as part of the costs of said improvement and are included in the foregoing estimates thereof.

**Section 4:** Any grant or other moneys received for the purposes described in Section 3 hereof in addition to the funds expressly appropriated in Section 2 hereof, shall be applied to direct payment of the cost of the improvement.

**Section 5:** The Capital Budget of the Borough is hereby amended to conform with the provisions of this Ordinance to the extent of any inconsistency herewith. The resolution in the form promulgated by the Local Finance Board of the New Jersey Department of Community Affairs showing full detail of the amended capital budget and capital program as approved by the Director of the Division of Local Government Services, is on file with the Borough Clerk and is available for public inspection.

**Section 6:** The provisions of this Ordinance are severable. To the extent any clause, phrase, sentence, paragraph or provision of this Ordinance shall be declared invalid, illegal, or unconstitutional, the remaining provisions shall continue in full force and effect.

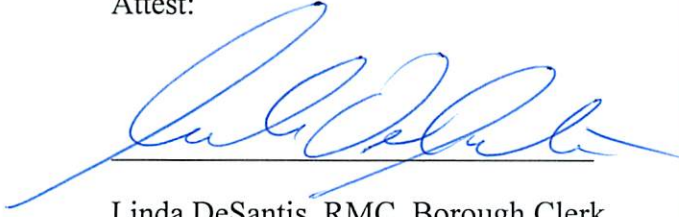
**Section 7:** To the extent that any previous Ordinance or resolutions inconsistent with or contradictory hereto, said Ordinance or resolution is hereby repealed or amended to the extent necessary to make it consistent herewith.

**Section 8:** This ordinance shall take effect after final adoption and publication in the manner provided by law.

**I HEREBY CERTIFY** this to be a true and correct Ordinance of the Mayor and Council of the Borough of Mount Arlington, introduced on May 2, 2017; and will be further considered after a public hearing held on June 13, 2017 at the Municipal Building at 7:00 p.m.

Attest:

BOROUGH OF MOUNT ARLINGTON



Linda DeSantis, RMC, Borough Clerk



Michael Stanzilis, Mayor  
Borough of Mount Arlington



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Sparta, New Jersey 07871  
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[www.cppsc.com](http://www.cppsc.com)

March 3, 2017

Carolyn Rinaldi  
Municipal Administrator  
Borough of Mt. Arlington  
419 Howard Boulevard  
Mt. Arlington, New Jersey 07856

Re: Proposal for Professional Engineering Services  
2017 Road Rehabilitation Project  
Mt. Arlington Borough, Morris County, New Jersey

CP Proposal No. 17-044

Dear Ms. Rinaldi:

CP Engineers, LLC (CP) is pleased to provide this Proposal for professional engineering services to the Borough of Mount Arlington for the 2017 Road Rehabilitation Project. We thank you for this opportunity to submit this proposal and for allowing CP to provide our services to you.

### **Background**

In February of 2017, CP conducted an evaluation of multiple roads within the Borough including a budgetary cost for rehabilitation. From the evaluations nine (9) streets were designated for rehabilitation. These streets include Seasons Drive, McKay Lane, Sandra Drive, Orben Drive, South Glen Avenue, Laurel Path, Altenbrand Avenue (East of Howard Boulevard), Kadel Drive, and Floyd Drive.

The scope below is for the preparation of construction documents, bid coordination, and construction administrative services for the rehabilitation of the nine (9) streets designated for rehabilitation.

### **Scope of Services**

The project will be divided into a two phases. The first phase will encompass the design and bid portions of the project. The second phase will cover the administration of the construction phase of the project.



1. **Design and Bid Phase:** CP will prepare an exhibit for each street to undergo rehabilitation. The exhibit will include the mill and paving limits, curbing repairs/reconstruction, resets/rehabilitation of stormwater inlets, water valves, sanitary cleanouts, and manholes and details pertinent to the proposed work. We will prepare full construction documents including quantities on a per sheet basis and technical specifications.

CP will survey and evaluate the condition of the roadway, focusing on the current grading and drainage aspects. We will prepare design drawings to address the needed repairs/rehabilitation/reconstruction needs of the roadway and provide for improved stormwater drainage. The drawings will include plan and profile sheets depicting existing and current grades of the road, limits of roadway reconstruction/rehabilitation, proposed drainage improvements, resets/rehabilitation of stormwater inlets, water valves, sanitary cleanouts, and manholes and details pertinent to the proposed work. We will prepare full construction documents including quantities and technical specifications.

Upon completion of the design and bid documents, CP will coordinate bidding the project for construction. We will prepare the notice to bidders, conduct the pre-bid and bid opening meetings, respond to request for information, review bids and provide a recommendation for award to the Borough.

As the restoration of Kadel Drive was submitted for a municipal aid grant, this proposal includes the design and bid documents to be prepared as a standalone bid and construction package coordinated in accordance with NJDOT requirements for a grant funded project.

2. **Construction Phase:** Upon the approval of the Council, CP will notify the selected contractor and assist in coordinating the final execution of the contract. We will conduct the preconstruction meeting, provide daily construction oversight, review and log contractor submittals and requests for information. CP will review any contractor change order requests and provide recommendations for approval/denial to the Borough. We will assist in processing monthly payment applications. Due to the potential for work being performed on multiple Borough streets at one time under this contract and others, CP will conduct a weekly progress meeting with the contractor to ensure that the work is being coordinated in a manner that considers the daily traffic flow throughout the Borough.

As the restoration of Kadel Drive was submitted for a municipal aid grant, this proposal includes the cost associated with construction phase services as a separate construction project in accordance with NJDOT requirements for a grant funded project.

Changes to the scope of work or unanticipated conditions may require additional investigation. We agree not to proceed with additional work without your approval, and not to exceed this proposed fee without your authorization.



## Cost

Based on the foregoing, CP proposes to perform this work for a Lump Sum Cost of \$189,000. CP will bill the Borough once a month on a percent complete basis. The overall fee is derived from the following breakdown of cost between the two proposed phases:

- |                             |              |
|-----------------------------|--------------|
| 1. Design and Bidding Phase | \$74,000.00  |
| 2. Construction Phase       | \$115,000.00 |

## Schedule

CP is prepared to begin work immediately upon your authorization. The design related activities as outlined in the Scope of Services above will be complete within approximately six (6) weeks of your authorization to proceed. Our construction related activities in the Scope of Services will be dependent on the execution of the bid and the schedule of the Township, to which we will be prepared to follow at your discretion.

## Authorization


CP proposes to perform these services under the terms and conditions of our current agreement. If this proposal meets with your approval, kindly indicate your acceptance by providing a resolution incorporating this proposal as reference or by signing and returning a copy of this document to our office.

Please feel free to call me with any questions or comments.

Very truly yours,

**CP ENGINEERS, LLC**

  
James Landry, P.E.  
Senior Project Manager

  
Stanley G. Puszcz, P.E.  
Managing Member

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2017

By (Signature): \_\_\_\_\_

By (Printed): \_\_\_\_\_

Title: \_\_\_\_\_



2017 ROADS RESTORATION PROJECT  
ENGINEER'S OPINION OF PROBABLE COST

4/28/2017

ITEM #	SEC. #	DESCRIPTION	UNIT	UNIT COST	FLOYD DR (253 LF)	ALTENBRAND AVE (560 LF)	S GLEN AVE (1,126 LF)	SANDRA DR (2,130 LF)	MCWAY LN (230 LF)	SEASONS DR (970 LF)	ORREN DR (E) (1,314 LF)	ORREN DR (W) (1,246 LF)	LAUREL PATH (310 LF)	TOTAL	TOTAL COST
1	154	MOBILIZATION	LS	\$50,000	-	-	-	-	-	-	-	-	-	1	\$50,000
2	158	SOIL EROSION & SEDIMENT CONTROL	LS	\$10,000	-	-	-	-	-	-	-	-	-	1	\$10,000
3	159	TRAFFIC CONTROL	LS	\$30,000	-	-	-	-	-	-	-	-	-	1	\$30,000
4	161	FINAL CLEANUP	LS	\$12,000	-	-	-	-	-	-	-	-	-	1	\$12,000
5	201	CLEARING SITE	LS	\$30,000	-	-	-	-	-	-	-	-	-	1	\$30,000
6	202	EXCAVATION, UNCLASSIFIED	CY	\$80	-	-	-	-	-	-	1,455	-	-	1,455	\$116,400
7	202	EXCAVATION, ROCK	CY	\$350	-	-	-	-	-	-	10	-	5	15	\$5,250
8	302	DENSE-GRADED AGGREGATE BASE COURSE, 4" THICK	SY	\$8	-	-	-	-	-	-	2,910	-	-	2,910	\$23,280
9	302	DENSE-GRADED AGGREGATE BASE COURSE, VARIABLE THICKNESS	CY	\$50	-	-	-	-	-	-	100	-	-	100	\$5,000
10	401	HMA MILLING, 3" OR LESS	SY	\$8	1,271	1,546	1,927	9,111	338	4,149	3,201	2,132	682	24,356	\$194,850
11	401	HMA SURFACE COURSE, 9.5M64, 3" MAX	TON	\$80	-	-	347	-	-	-	-	-	-	347	\$27,752
12	401	HMA SURFACE COURSE, 9.5M64, 2"	TON	\$90	152	185	-	1,093	41	498	384	256	82	2,691	\$215,318
13	401	HMA BASE COURSE, 18.5M64	TON	\$85	-	-	-	-	-	-	384	-	-	384	\$32,850
14	602	REPLACE WITH BICYCLE SAFE GRATE	UNIT	\$250	-	-	-	17	-	8	-	-	2	27	\$6,750
15	602	18" REINFORCED CONCRETE PIPE	LF	\$125	-	-	-	-	-	-	62	-	-	62	\$7,750
16	602	INLET, TYPE "A"	UNIT	\$5,000	-	-	-	-	-	-	2	-	-	2	\$10,000
17	603	REPLACE INLET, TYPE "A"	UNIT	\$4,500	1	-	-	-	-	-	-	-	-	1	\$4,500
18	602	REPLACE INLET, TYPE "B"	UNIT	\$5,000	1	1	-	9	-	6	-	3	2	22	\$110,000
19	602	REPLACE INLET, TYPE "C"	UNIT	\$7,500	-	1	-	-	-	-	2	1	-	4	\$30,000
20	602	RESET SANITARY MANHOLE	UNIT	\$1,000	-	6	4	9	-	-	-	-	-	19	\$19,000
21	602	INSTALL INLET CURB COVER PLATE	UNIT	\$250	-	-	-	13	-	2	-	-	2	17	\$4,250
22	602	48" dia. RCP EXTENSION	LF	\$250	-	-	-	-	-	-	-	-	-	0	\$0
23	602	PRECAST CONCRETE HEADWALL	UNIT	\$5,000	-	-	-	-	-	-	-	-	-	0	\$0
24	606	CONCRETE SIDEWALK 4" THICK	SY	\$75	-	-	-	50	-	16	-	12	-	78	\$5,850
25	606	DETECTABLE WARNING SURFACE	SF	\$30	-	-	-	24	-	16	-	-	-	40	\$1,200
26	607	GRANITE BLOCK CURB	LF	\$25	-	-	-	150	-	-	-	50	-	200	\$5,000
27	607	HMA CURB, 4" x 4"	LF	\$15	-	250	40	-	70	-	-	-	310	670	\$10,050
28	607	CONCRETE VERTICAL CURB	LF	\$25	-	-	-	-	-	50	-	-	-	50	\$1,250
29	610	TRAFFIC STRIPES, 24" WHITE	LF	\$3	20	36	66	16	-	20	-	-	20	178	\$534
30	610	TRAFFIC STRIPES, 12" WHITE	LF	\$2	-	-	-	-	-	120	-	-	-	120	\$240
31	610	TRAFFIC STRIPES, 4" YELLOW	LF	\$1	-	-	-	4,260	-	1,940	2,492	2,628	-	11,320	\$11,320
32	612	REGULATORY TRAFFIC SIGN	UNIT	\$250	-	-	-	-	-	-	-	-	2	2	\$500
33	612	RESET TRAFFIC SIGN	UNIT	\$125	1	-	-	-	1	-	1	2	-	5	\$625
34	651	RESET WATER VALVE BOX	UNIT	\$500	1	4	-	7	-	4	-	-	-	16	\$8,000
35	703	STREET LIGHT, POST, & FOUNDATION	UNIT	\$6,000	-	-	-	-	-	-	-	-	-	0	\$0
36	804	TOPSOILING, 4" THICK	SY	\$20	-	-	-	50	20	-	50	-	-	120	\$2,400
37	806	FERTILIZING, SEEDING, AND MULCHING, TYPE "1"	SY	\$3	-	-	-	50	20	-	50	-	-	120	\$360

CONSTRUCTION COST SUBTOTAL: \$992,079  
CONTINGENCY: \$30,000  
TOTAL BUDGETARY ESTIMATE: \$1,022,079