

R I C H A R D L . B O W E N + A S S O C I A T E S I N C .

March 29, 2019

Mayor Robert Weger
City of Willoughby Hills
35405 Chardon Road
Willoughby Hills, Ohio 44094

RE: 2019 Street Rehabilitation
Willoughby Hills, Ohio
RLB+A #7986.38
RLB+A Contact: Pietro A. DiFranco, P.E.

216.491.9300

FAX 491 8053

13000 SHAKER BLVD

CLEVELAND OHIO 44120

WWW.RLBA.COM

Dear Mayor Weger:

We are pleased to submit this proposal for your consideration on the above-captioned project. The following is our understanding of the project scope, and estimate of professional fees:

PROJECT DESCRIPTION

The project consists of resurfacing all of Trailard Drive, Mayfriars Drive, & Glengate Road for a total length of approximately 1.0 lineal miles of roadway at an estimated construction cost of \$465,157 (see attached exhibit). The street selections are based on the 2017 Street Ratings Report & attached Mayor's memo dated 11/13/17.

SCOPE OF SERVICES

- Serve as the authorized representative of the city and supervise the execution of the project work, including resident coordination and meetings as needed.
- Design and Document Preparation: Plans, specifications, cost estimate, and bid documents as needed.
- Bidding Assistance: Respond to bidder questions, tabulate and evaluate bids, assess contractor's ability, and make recommendation for award.
- Construction Administration: Respond to contractor questions, review contractor submittals, perform site visits, review change orders, review contractor payments, perform punch list and project close-out.

A R C H I T E C T S

E N G I N E E R S

C O N S T R U C T I O N
M A N A G E R S

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PROFESSIONAL SERVICES FEE

Based on Section 2.2 & 2.3 of the "AGREEMENT Between CITY OF WILLOUGHBY HILLS, OHIO & RICHARD L. BOWEN + ASSOCIATES, INC. For CITY ENGINEERING SERVICES", the Base Professional Services Fee is estimated to be:

1.	Professional Services Fee, including an estimated \$100.00 for reimbursable expenses invoiced at 1.1 times direct cost, is based on an estimated construction cost of \$465,157.00.	\$ 39,386.78
A.	75% to be invoiced at completion of plans	\$29,540.09
B.	Remaining 25% payable in pro rata monthly payments	\$9,846.69
Total Base Fee		\$ 39,386.78

Please note, the actual Professional Services Fee will be based on the actual cost of construction, therefore will not be determined until construction is complete and the cost is known.

Please indicate your acceptance of this proposal by signing below, and providing a city-issued purchase order.

Sincerely,

RICHARD L. BOWEN + ASSOCIATES INC.



Allan L. Renzi, A.I.A.
 President

City of Willoughby Hills Acceptance:

 Robert Weger, Mayor

 Date

cc: Contract File

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RICHARD L. BOWEN + ASSOCIATES INC.



OPINION OF PROBABLE COST

ITEM NO.	QDOT ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST
1	SPCL	PRE & POST CONSTRUCTION PHOTOGRAPHY	1	LS	\$2,500.00	\$2,500.00
2	624	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00
3	254	3" ASPHALT PLANNING W/ REMOVAL & DISPOSAL	9976	SY	\$5.00	\$49,880.00
4	SPCL	SINGLE PASS ASPHALT RECYCLING	9976	SY	\$8.00	\$79,808.00
5	SPCL	CYCLOPS & CSS-1, 2.5 GAL PER SY	24640	GAL	\$3.00	\$74,020.00
6	SPCL	NO. 57 STONE ADDED TO RECYCLING, 35 LBS/SY	175	TON	\$70.00	\$12,250.00
7	407	TACK COAT BETWEEN BASE & INTERMEDIATE COURSES OF ASPHALT, 0.075 GAL/SY	749	GAL	\$2.00	\$1,498.00
8	251	PARTIAL DEPTH PAVEMENT REPAIR, MIN. 5" DEPTH (ASSUME 100%)	995		\$35.00	\$34,930.00
9	304	AGGREGATE BASE, INCLUDING EXCAVATION	25	CY	\$50.00	\$1,250.00
10	448	ASPHALT CONCRETE SURFACE COURSE, 1.25", TYPE 1, PG64-22	347	CY	\$165.00	\$57,255.00
11	448	ASPHALT CONCRETE INTERMEDIATE COURSE, 1.75", TYPE 2, PG64-22	485	CY	\$140.00	\$67,900.00
12	407	TACK COAT BETWEEN INTERMEDIATE AND SURFACE COURSES OF ASPHALT, 0.05 GAL/SY	499	GAL	\$2.00	\$998.00
13	611	VALVE BOX ADJUSTED TO GRADE	5	EA	\$250.00	\$1,250.00
14	611	MONUMENT BOX ADJUSTED TO GRADE	10	EA	\$250.00	\$2,500.00
15	611	CATCH BASIN ADJUSTED TO GRADE	3	EA	\$650.00	\$1,950.00
16	SPCL	MANHOLE ADJUSTED TO GRADE INCLUDING NEW FRAME, GRATE, & CONCRETE BOX OUT	1	EA	\$1,200.00	\$1,200.00
17	611	MISCELLANEOUS METAL	2500	LBS	\$1.25	\$3,125.00
18	646	24" INCH STOP LINE, TYPE 2	30	LF	\$7.00	\$210.00
SUBTOTAL CONSTRUCTION						\$418,324.00
CONTINGENCY (10%)						\$41,833.00
CONSTRUCTION OBSERVATION (ALLOWANCE)						\$5,000.00
TOTAL CONSTRUCTION						\$465,157.00
ENGINEERING & C.A.						\$39,387.00
TOTAL COST						\$504,544.00

DESCRIPTION:
 ASPHALT RECYCLING AND RESURFACING OF TRAILARD, MAYFRIAR, AND GLENGATE.

LEN: ±5,281 LF
 AREA: ±9,976 SY



RICHARD L. BOWEN AND ASSOCIATES INC.
 13000 SHAKER BOULEVARD, CLEVELAND, OHIO 44120
 (216) 491-9300 FAX 491-9553

RS&A JOB# 7986.00NB
 SCALE 1"=200'

ISSUED FOR REVIEW

2019 RESURFACING
 WILLOUGHBY HILLS, OHIO
 35405 CHARDON RD 01/22/19
SK01-01