Date: May 2, 2019
To: Council President Fellows, Council Members and Council Clerk Savage
From: Robert M. Weger, Mayor/Safety Director
Subject: Ordinance for the White Road Project in Conjunction with Mayfield Village

I respectfully request an Ordinance to accept the attached quote as presented by Mayfield Village for the construction and engineering of a portion of White Road within the Mayfield Village project. The work will be done by Chagrin Valley Paving following the appropriate bid process (see attached Bid Results). The estimated cost to the City of Willoughby Hills is $32,726.18; however, I am requesting an allocation of $35,000 be legislated to allow for pavement base repairs, as well. (See attached email from City Engineer DiFranco). In order to expedite the project, I would recommend an Emergency Clause and waiving the Three Readings to pass this Ordinance. Thank you for your consideration at the next Council meeting.

cc: City Engineer Pete Di Franco
    Assistant City Engineer Kevin Trepal
    Road Superintendent Mark Grubiss
    Finance Director Frank Brichacek
    Law Director James R. O'Leary
Gloria Majeski

From: Pietro DiFranco <PDiFranco@RLBA.com>
Sent: Wednesday, May 01, 2019 9:44 AM
To: Robert Weger; Gloria Majeski
Cc: lawdirector; Mark Grubiss; Kevin Trepal
Subject: FW: Resurfacing - White Rd (North Commons-Marcum) - Mayfield Village/Willoughby Hills

Mayor,
Below and attached is the estimate from Mayfield Village to include the Willoughby Hills portion of White Rd within their project. The received public bids and intend to award the contract to Chagrin Valley Paving on 5/6/2019. They anticipate the contractor may start construction as soon as one week afterwards, or 5/13/2019, weather permitting.

The estimate cost to Willoughby Hills, including construction and engineering is approximately $32,726.18. This includes a small contingency amount for pavement base repairs which can’t be determined until the existing surface layer is planned off. I recommend requesting council increase the limit to approximately $35,000 to include additional contingency for any unforeseen conditions that may arise during construction. The 2019 city budget noted $50,000 available for this project on page E-64.

Due to the short timeframe, please request the legislation be passed on first reading and with an emergency clause.

Let me know if you have any questions comments.
Thanks,
Pete

From: Tom Cappello [mailto:tcappello@hovancsek.com]
Sent: Wednesday, May 01, 2019 9:04 AM
To: Pietro DiFranco
Cc: Mark Grubiss (markgrubiss@willoughbyhills-oh.gov); Kevin Trepal; 'rwynne@mayfieldvillage.com'; 'dwolgamuth@mayfieldvillage.com'
Subject: RE: Resurfacing - White Rd (North Commons-Marcum) - Mayfield Village/Willoughby Hills

Pete,

Attached is the Bid Tabulation as well as the plans for the White Road Resurfacing.

I have also attached the estimated quantities and construction cost of The City of Willoughby Hills portion of White Road.

\[
\text{Estimated Construction Cost} = 30,873.75 \\
\text{Engineering (6\%)} = 1,852.43 \\
\text{Total} = 32,726.18
\]

Please have the City of Willoughby Hills pass legislation committing to pay for their portion of this project.

If you or anyone at the City have any questions please feel free to contact me.

Thank you,
Hi Tom,

I visited White Rd on Saturday 3/2/19. Attached are photos starting at North Commons Blvd and walking to Marcum Blvd. Also attached is a map. I estimate a strip approximately 200' long by 4' wide along the north road edge will need a partial depth pavement repair (i.e. -- 6” depth). The total project length appears to be approximately 730’ long.

Let me know if you have any questions, comments, or need anything else from me for your estimate.

Thanks,
Pete

Pietro A. DiFranco PE LEED AP CPESC
Principal

RICHARD L. BOWEN + ASSOCIATES INC.
13000 Shaker Blvd. | Cleveland OH 44120
T: 216.377.3813 | F: 216.491.8053

Architecture | Engineering | Construction Services

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MAYFIELD VILLAGE, OHIO
2019 ROAD MAINTENANCE PROGRAM
HIGHLAND ROAD, WHITE ROAD, THE CIVIC CENTER AND THE GROVE

INDEX OF SHEETS

<table>
<thead>
<tr>
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<tr>
<td>TITLE SHEET</td>
<td>1</td>
</tr>
<tr>
<td>TYPICAL SECTION</td>
<td>2</td>
</tr>
<tr>
<td>GENERAL NOTES</td>
<td>3</td>
</tr>
<tr>
<td>HIGHLAND ROAD PAVEMENT REPAIR PLANS</td>
<td>4-14</td>
</tr>
<tr>
<td>WHITE ROAD RESURFACING PLANS</td>
<td>5-9</td>
</tr>
<tr>
<td>THE GROVE CENTER PARKING LOT IMPROVEMENT PLAN</td>
<td>9</td>
</tr>
<tr>
<td>THE GROVE PARKING AND UTILITY PLAN</td>
<td>10</td>
</tr>
<tr>
<td>MISCELLANEOUS DETAILS</td>
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EXISTING UNDERGROUND UTILITY NOTE:

THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREIN, HAVE BEEN OBTAINED BY A DILIGENT AND COMPREHENSIVE SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, STEPHEN HOVANCSEK AND ASSOCIATES INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.
ITEM 253: PAVEMENT REPAIR
(WHITE ROAD)

ITEM 253: PAVEMENT REPAIR
(HIGHLAND ROAD)

PROPOSED LEGEND

1. ITEM 253: PAVEMENT REPAIR, AS PER PLAN (WHITE ROAD)
2. ITEM 253: PAVEMENT REPAIR, AS PER PLAN (HIGHLAND ROAD)
3. ITEM 254: PAVEMENT PLANNING, AS PER PLAN (2-1/4" DEPTH)
4. ITEM 254: TACK COAT, (3.19 GAL/100)
5. ITEM 441: 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (44B), POLY-22, AS PER PLAN
6. ITEM 441: 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (44B), POLY-22, AS PER PLAN
7. ITEM SPECIAL: VPD REUSING ASPHALT MEMBRANE
VOID REDUCING ASPHALT MEMBRANE GUIDELINE

Description:
The specification covers the requirements and procedures for applying a void reducing asphalt membrane (VRAM) system consisting of a geomembrane system (GMS) and void reducing asphalt membrane (VRAM) system. The VRAM shall be applied in a two-layer system with a minimum of 5 mils of VRAM between layers. The VRAM shall be applied onto the membrane system using the specified method as outlined in the VRAM application procedure.

Materials:
The VRAM shall be applied in a single pass using any applicable method listed in the Performance specification. VRAM shall be applied on a two-layer system with a minimum of 5 mils between layers. The VRAM shall be applied in a single pass using any applicable method listed in the Performance specification. VRAM shall be applied on a two-layer system with a minimum of 5 mils between layers.

Equipment:
A pressure tester shall be provided that is capable of applying the VRAM at the designated application rate. The distributor shall be equipped with a vacuum and airpressuring system with a functioning air-injection system or vacuum system. The pressure tester shall be able to adjust the air pressure and vacuum pressure to the designated application rate. The pressure tester shall be capable of applying the VRAM at the designated application rate. The distributor shall be equipped with a vacuum and airpressuring system with a functioning air-injection system or vacuum system. The pressure tester shall be able to adjust the air pressure and vacuum pressure to the designated application rate. The pressure tester shall be capable of applying the VRAM at the designated application rate.

Installation:
Prior to the installation of the VRAM system, the surface of the membrane and base shall be thoroughly cleaned and dried of debris. The area shall be cleaned by a responsible person, such as a contractor, and equipment used shall be approved by the manufacturer. The application of the VRAM system shall be done in a linear fashion from one end of the area to the other end of the area.

Summary:
The VRAM shall be applied in a single pass using any applicable method listed in the Performance specification. VRAM application temperature shall not exceed 350°F. The VRAM shall be applied at a rate of not less than 0.75 mils per pass. The VRAM shall be applied in a single pass using any applicable method listed in the Performance specification. VRAM application temperature shall not exceed 350°F. The VRAM shall be applied at a rate of not less than 0.75 mils per pass.
# Description | Quantity | Unit | Labor Cost | Material Cost | Unit Price | Total | Labor Cost | Material Cost | Unit Price | Total
1 | Item 202: Curb Removed | 14 | Foot | $50.00 | $0.00 | $50.00 | $700.00 | $10.00 | $5.00 | $15.00 | $210.00
2 | Item 203: Pavement Repair, As Per Plan (Civic Center Typical Section) | 3.5 | Yard | $250.00 | $250.00 | $600.00 | $1,750.00 | $800.00 | $400.00 | $1,200.00 | $4,200.00
3 | Item 606: Curb, Type 6 | 7 | Foot | $75.00 | $75.00 | $150.00 | $1,050.00 | $30.00 | $20.00 | $50.00 | $350.00
4 | Item 624: Mobilization | LUMP LUMP | $2,500.00 | $0.00 | $2,500.00 | $2,500.00 | $2,000.00 | $500.00 | $2,500.00 | $2,500.00
5 | Item 201: Tree Removed | 2 | Each | $1,250.00 | $0.00 | $1,250.00 | $2,500.00 | $300.00 | $50.00 | $350.00 | $700.00
6 | Item 203: Excavation And Embankment | LUMP LUMP | $6,000.00 | $0.00 | $6,000.00 | $6,000.00 | $4,000.00 | $2,500.00 | $6,500.00 | $6,500.00
7 | Item 204: Subgrade Compaction | 5/8 | Yard | $1.00 | $0.00 | $1.00 | $578.00 | $1.00 | $1.00 | $2.00 | $1,150.00
8 | Item 301: Asphalt Concrete Base (4" Thick) | 20 | Yard | $69.00 | $150.00 | $210.00 | $4,260.00 | $180.00 | $120.00 | $300.00 | $6,000.00
9 | Item 304: Aggregate Base | 50 | Yard | $20.00 | $70.00 | $90.00 | $4,500.00 | $30.00 | $45.00 | $75.00 | $3,750.00
10 | Item 401: 2" Asphalt Concrete Surface Course, Type 1 (440), PG 64-22, As Per Plan | 10 | Yard | $85.00 | $200.00 | $285.00 | $2,850.00 | $175.00 | $225.00 | $400.00 | $4,000.00
11 | Item 451: 8" Reinforced Portland Cement Concrete Pavement, As Per Plan | 57 | Yard | $25.00 | $100.00 | $125.00 | $7,125.00 | $40.00 | $60.00 | $100.00 | $5,700.00
12 | Item 608: 4" Concrete Wall | 3091 | Foot | $7.00 | $5.00 | $10.00 | $30,910.00 | $3.00 | $3.75 | $6.75 | $208,624.25
13 | Item 611: 6" Sanitary Sewer Connection, 707,45 | 306 | Foot | $24.00 | $24.00 | $48.00 | $14,688.00 | $20.00 | $52.00 | $72.00 | $259,022.00
14 | Item 611: 6" Test Tee | 2 | Each | $75.00 | $125.00 | $125.00 | $250.00 | $25.00 | $75.00 | $100.00 | $250.00
15 | Item 611: 6" Clean Out | 1 | Each | $75.00 | $100.00 | $175.00 | $175.00 | $350.00 | $450.00 | $800.00 | $15,000.00
16 | Item 623: Construction Layout Stakes And Surveying | LUMP LUMP | $5,000.00 | $0.00 | $5,000.00 | $5,000.00 | $1,000.00 | $500.00 | $1,500.00 | $1,500.00
17 | Item 624: Mobilization | LUMP LUMP | $7,500.00 | $0.00 | $7,500.00 | $7,500.00 | $5,000.00 | $2,500.00 | $7,000.00 | $7,000.00
18 | Item 638: 1" Water Line Including Tapping Existing Water Main, Corporation Stop, Curbs With Service Box And Drain Valve, Complete | 280 | Foot | $10.00 | $17.00 | $27.00 | $7,560.00 | $10.00 | $20.00 | $30.00 | $23,800.00
19 | Item 638: Water Meter Man-Hole As Per Plan | 1 | Each | $1,750.00 | $1,750.00 | $3,500.00 | $3,500.00 | $4,000.00 | $500.00 | $4,500.00 | $4,500.00
20 | Item 638: Above Grade Hose Bib Including 4"Treated Post | 1 | Each | $150.00 | $1,000.00 | $1,150.00 | $1,150.00 | $1,000.00 | $500.00 | $1,500.00 | $1,500.00
21 | Item 638: Site Restoration, As Per Plan | LUMP LUMP | $5,000.00 | $5,000.00 | $10,000.00 | $10,000.00 | $3,500.00 | $1,000.00 | $4,500.00 | $4,500.00
22 | Item 638: Permit And Inspection Fee Allowance For Special: Sanitary And Water Connections | LUMP LUMP | $10,000.00 | $0.00 | $10,000.00 | $10,000.00 | $7,500.00 | $0.00 | $7,500.00 | $7,500.00
23 | Item 253: Pavement Repair, As Per Plan (Highland Road Typical Section) | 600 | Yard | $9.00 | $50.00 | $59.00 | $47,200.00 | $20.00 | $12.00 | $32.00 | $26,600.00
24 | Item 614: Maintenance Traffic | LUMP LUMP | $4,000.00 | $0.00 | $4,000.00 | $4,000.00 | $6,000.00 | $1,000.00 | $7,000.00 | $7,000.00
25 | Item 624: Mobilization | LUMP LUMP | $7,200.00 | $0.00 | $7,200.00 | $7,200.00 | $6,000.00 | $1,000.00 | $7,000.00 | $7,000.00
26 | Item 642: Traffic Paint, As Per Plan | LUMP LUMP | $500.00 | $500.00 | $1,000.00 | $1,000.00 | $3,000.00 | $1,000.00 | $4,000.00 | $4,000.00
27 | Item 401: Traffic Paint, As Per Plan (White Road Typical Section) | 250 | Yard | $12.00 | $40.00 | $52.00 | $13,000.00 | $25.00 | $16.00 | $40.00 | $10,000.00
28 | Item 407: Pavement Planing, Asphalt Concrete | 2275 | Yard | $4.25 | $4.25 | $9,687.75 | $9,687.75 | $6.00 | $3.00 | $9.00 | $20,470.00
29 | Item 407: Tack Coat (6.13 Gal/SqYd) | 228 | Gallon | $1.00 | $1.00 | $2.00 | $456.00 | $1.00 | $1.00 | $2.00 | $456.00
| #   | DESCRIPTION                                                                 | QNTY. | UNIT   | LABOR COST | MATERIAL COST | UNIT PRICE | TOTAL   | LABOR COST | MATERIAL COST | UNIT PRICE | TOTAL   |
|-----|-----------------------------------------------------------------------------|-------|--------|------------|---------------|------------|---------|------------|---------------|------------|---------|---------|
| 30  | ITEM 441: 1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22, AS PER PLAN | 114    | CY     | $10.00     | $130.00       | $140.00   | $15,900  | $45.00     | $145.00       | $190.00   | $21,600 |
| 31  | ITEM 441: 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22, AS PER PLAN | 98    | CY     | $15.00     | $160.00       | $175.00   | $17,150  | $40.00     | $160.00       | $200.00   | $19,600 |
| 32  | ITEM 614: MAINTENANCE TRAFFIC                                                | LUMP   | LUMP   | $5,000.00  | $0.00         | $5,000.00 | $5,000   | $6,500.00  | $1,000.00     | $7,500.00 | $7,500  |
| 33  | ITEM 684: MOBILIZATION                                                      | LUMP   | LUMP   | $5,000.00  | $0.00         | $5,000.00 | $5,000   | $5,000.00  | $1,000.00     | $7,000.00 | $7,200  |
| 34  | ITEM 642: TRAFFIC PAINT, AS PER PLAN                                         | LUMP   | LUMP   | $500.00    | $2,000.00     | $2,500.00 | $2,500   | $2,000.00  | $1,000.00     | $3,000.00 | $3,000  |
| 36  | ITEM SPECIAL: VOID RECAP ASPHALT MEMBRANE                                   | 800    | FOOT   | $1.00      | $2.18         | $3.18     | $2,544   | $2.00      | $1.20         | $3.20     | $2,580  |
|     | GENERAL                                                                     |        |        |            |               |           |         |            |               |           |         |
| 36  | ITEM SPECIAL: PRECONSTRUCTION VIDEO                                         | LUMP   | LUMP   | $750.00    | $0.00         | $750.00   | $750.00 | $600.00    | $396.75       | $996.75   | $996.75 |
| 37  | ITEM SPECIAL: DISCRETIONARY ALLOWANCE TO BE UTILIZED AS DIRECTED BY THE ENGINEER FOR UNSCHEDULED WORK ITEMS NOT INCLUDED IN THIS PROPOSAL OR SHOWN ON THE PLANS | LUMP   | LUMP   | $25,000.00 | $0.00         | $25,000   | $25,000 | $25,000.00 | $25,000.00     | $25,000.00 | $25,000.00 |
|     |                                                                             |        |        |            |               |           |         |            |               |           |         |
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| 38  |                                                                             |        |        |            |               |           |         |            |               |           |         |

**MAYFIELD VILLAGE, OHIO**  
*(2019 ROAD MAINTENANCE PROGRAM)*  
**Bid Tabulation (April 19, 2019)*  

**CHAGRIN VALLEY PAVING, INC.**  
17250 MUNN ROAD  
CHAGRIN FALLS, OHIO 44023  
(440) 543-2284 (FAX)  
**SPECIALIZED CONSTRUCTION, INC.**  
711 HARVARD AVENUE  
CUYAHOGA HEIGHTS, OHIO 44125  
(216) 271-3283 (FAX) **ORDINANCE NO. 2018-29**  
Page 17 of 18  
5/1/2019 9:20:07 AM
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**MAYFIELD VILLAGE, OHIO**
**2019 ROAD MAINTENANCE PROGRAM**
**Bid Tabulation (April 19, 2019)**

**CHAGRIN VALLEY PAVING, INC.**
17250 MUNN ROAD
CHAGRIN FALLS, OHIO 44023
(440) 543-2253
(440) 543-2281 (FAX)

**CITY OF WILLOUGHBY HILLS PORTION**

**ENGINEERING** $1,652.43
**TOTAL** $32,726.13