



City of Seven Hills
Engineering Department

MEMORANDUM

DATE: May 9, 2018

TO: Mayor Richard Dell'Aquila
Tony Biasiotta, City Council President
Rich Pignatiello, Law Director

FROM: Daniel J. Collins, P.E., City Engineer

RE: **Proposed West 9th Street Resurfacing Project** (approx. 2,480 L.F. or 0.47 mi)

CC: Has Mukh Patel, P.E., Assistant City Engineer, City of Parma
James Mihelich, P.E., Assistant City Engineer, City of Parma
Mark A. Schmitzer, P.E., Assistant City Engineer
Brittany Jablonski, Richard L. Bowen + Associates, Inc.

Today, the Engineering Department met with Mr. Has Mukh Patel, P.E. and Mr. James Mihelich of the City of Parma Engineering Department to initially discuss the anticipation of both Cities desire to resurface West 9th Street (from Decker Drive to Rockside Road). I provided a Preliminary Engineer's Opinion of Probable Cost for Construction that we went over which included the method and type of resurfacing being proposed. For reference, please see the attached Preliminary Engineer's Opinion of Probable Cost for Construction.

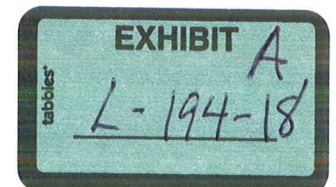
The following items were discussed and understood between both City Engineering Departments:

1. The City of Seven Hills will take the lead on the Project including preparation of all bidding documents, legal ad, and construction administration and management.
2. The City of Seven Hills, through its Law Department, shall prepare a joint Agreement document or Memorandum of Understanding that both parties agree to each pay 50% of the total cost of the Project. The City of Seven Hills will provide the City of Parma the Agreement for review and moving forward.
3. The Project will be a 2019 construction season Project. For budgeting of both Cities, the preliminary total cost of the Project is \$433,582.00. Therefore, the 50-50 cost split between both Cities is \$216,791.00.

Attachment (1 page)

End of Memorandum

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2019 CONCRETE PAVEMENT REHABILITATION & ASPHALT OVERLAY PROGRAM

WEST 9th STREET (DECKER DRIVE TO ROCKSIDE ROAD) ***

"Joint Venture Between the City of Parma and the City of Seven Hills"

PRELIMINARY ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST - Prepared For 05-09-18 Discussion With The City of Parma

Prepared by Richard L. Bowen + Associates, Inc. / City of Seven Hills Engineering Department, 05/09/18



| Line No. | Code | Description | Units | Qty | Unit Price | Total |
|----------|------|---|-------|-------|-------------|--------------|
| 1 | SPCL | Pre-Construction Photography | L.S. | 1 | \$5,000.00 | \$5,000.00 |
| 2 | 624 | Mobilization | L.S. | 1 | \$25,000.00 | \$25,000.00 |
| 3 | 254 | Pavement Planing (Asphalt), complete, per plan | S.Y. | 7,484 | \$3.25 | \$24,323.00 |
| 4 | 252 | Full Depth Rigid Pavement Removal and Flexible Replacement, incl. sawing (est. at 5%) | S.Y. | 374 | \$55.00 | \$20,570.00 |
| 5 | 251 | Partial Depth Pavement Removal and Flexible Replacement (est. at 10%) | S.Y. | 750 | \$20.00 | \$15,000.00 |
| 6 | 609 | Concrete Curb, ODOT Type 6, complete, incl. removal of ex. curb | L.F. | 895 | \$38.00 | \$34,010.00 |
| 7 | 441 | Asphalt Concrete Surface Course (1-1/2"), Type 1 (448), PG64-22 | C.Y. | 312 | \$190.00 | \$59,280.00 |
| 8 | 441 | Asphalt Concrete Intermediate Course (1-1/2"), Type 2 (448) | C.Y. | 312 | \$175.00 | \$54,600.00 |
| 9 | 407 | Tack Coat for Surface Course, 0.05 gal per S.Y. | Gal. | 375 | \$2.25 | \$843.75 |
| 10 | SPCL | Hybrid Paving Mat (GlasPave 50), complete, per spec. | S.Y. | 7,484 | \$6.00 | \$44,904.00 |
| 11 | 608 | ADA Curb Ramp "Retro-fit", complete, per plan | Each | 32 | \$1,200.00 | \$38,400.00 |
| 12 | 611 | Inlet Basin Adjusted to Grade, complete, per plan | Each | 10 | \$700.00 | \$7,000.00 |
| 13 | 611 | Inlet Basin Reconstructed to Grade, complete, per plan | Each | 5 | \$1,000.00 | \$5,000.00 |
| 14 | 611 | Valve Box Adjusted to Grade | Each | 8 | \$350.00 | \$2,800.00 |
| 15 | 611 | Manhole Adjusted to Grade | Each | 5 | \$700.00 | \$3,500.00 |
| 16 | 623 | Monument Box Adjusted to Grade | Each | 8 | \$500.00 | \$4,000.00 |
| 17 | 623 | Monument Box Replacement, complete | Each | 8 | \$650.00 | \$5,200.00 |
| 18 | 614 | Maintaining Traffic | L.S. | 1 | \$7,500.00 | \$7,500.00 |
| 19 | 614 | Asphalt Concrete for Maintaining Traffic | C.Y. | 25 | \$110.00 | \$2,750.00 |
| 20 | SPCL | Miscellaneous Metals | LBS. | 2,000 | \$1.65 | \$3,300.00 |
| 21 | 832 | Temporary Sediment & Erosion Control | L.S. | 1 | \$2,000.00 | \$2,000.00 |
| 22 | SPCL | Construction Inspection | L.S. | 1 | \$8,000.00 | \$8,000.00 |
| | | CONSTRUCTION SUBTOTAL | | | | \$361,080.75 |
| | | 10% Contingency (Line Items 1 thru 21; does not include inspection cost) | | | | \$35,306.08 |
| 23 | SPCL | PRELIMINARY CONSTRUCTION COST TOTAL | | | | \$396,386.83 |

For simplistic rounding and budgeting, use:

\$400,000.00

Engineering / Construction Admin. / Construction Management Total
 (Note: All Engineering / Construction Admin. / Construction Management will be performed by the City of Seven Hills Engineering Department / Richard L. Bowen + Associates)

\$33,582.00

PRELIMINARY GRAND TOTAL OF PROJECT (to be split 50-50 between City of Parma and City of Seven Hills)

\$433,562.00

*** NOTE: Project is anticipated for the 2019 construction season.