

200077

InterOffice Memo



To: Carl Goldsmith, Director of Public Works
Through: Sean Kelly, Village Engineer *SK*
From: Gage Miller, Civil Engineering Technician *GM*
Date: February 5, 2020
Subject: FY 2020 Concrete Rehabilitation Program RM PROG 20

The engineering division in collaboration with the street's division is recommending the following streets to be improved as part of the 2020 concrete rehabilitation program:

Extensive street panel replacement with curb improvements (\$518,308.00)

- LaLonde Ave - Berkshire to Pleasant (\$69,564.00)
- Fairfield Ave. - Berkshire to Pleasant (\$73,656.00)
- Vista Ave. - Sunset to Berkshire (\$67,518.00)
- View St. - Clarendon to Westwood (\$92,070.00)
- School St. - Division St. to Washington Blvd. (\$81,840.00)
- Ahrens Ave. - Washington Blvd. to Madison St. (\$88,660.00)
- Maple St. - Lewis Ave. to Chase Ave. (\$45,000.00) *Coordinate with HMA Program

Concrete street panel spot patching throughout the Village (\$87,442.00)

- Elizabeth St. - Willow St. to Washington Blvd.
- Washington Blvd. - Elizabeth St. to Park Rd.
- Martha St. - Washington Blvd. to Morningside Ave.
- Stewart Ave. - Morningside Ave. to Madison St.
- Lombard Ave. - Morningside Ave. to Dead End
- Harrison Rd. - LaLonde Ave. to Dead End.
- Norbury - Madison St. to Wilson Ave.
- Charlotte - Madison St. to Wilson Ave.

To allow for the unforeseen, the current estimate of cost is \$832,990.40, there is currently \$915,000 budgeted in the CIP for 2020. If there are left over funds for the project we would anticipate expenditure on additional panel work throughout the village.

Over the years engineering has solicited bids to improve the concrete streets in the village based on the ratings provided by the pavement management system. Streets listed above were chosen based on current OCI measurements and field investigation. Decision making continues to improve with the implementation of the asset management system and the associated data regarding the condition of the utilities and streets including the recently completed pavement ratings inventory.

In 2020, engineering would like to continue to focus on completing much needed pavement patching throughout the village while simultaneously developing a plan moving forward to address the failing concrete streets.

The targeted letting date for this project is March 23rd, 2020. Please provide a recommendation at your earliest convenience so that plans can be finalized and advertised for bid.

FY 2020 Concrete Rehabilitation

Project File Name:

Estimate Number: 1

Payable To:

Address:

Awarded Contract Amount: \$

Budget Amount: \$929,000

Item No.	Item	Orig. Quan.	Unit	Add or Deduct	Revised Quan.	Unit Price	Total Price
1	Removal and Disposal of Unsuitable Materials	25	Cu.Yd		25	\$ 11.00	\$ 275.00
2	Earth Excavation	200	Cu.Yd		200	\$ 11.00	\$ 2,200.00
3	Topsoil Furnish & Place 4"	500	Sq. Yd		500	\$ 6.60	\$ 3,300.00
4	Seeding Class 1A	500	Sq. Yd		500	\$ 2.20	\$ 1,100.00
5	Temporary Erosion Control Blanket	500	Sq. Yd		500	\$ 2.20	\$ 1,100.00
6	Sub-Base Granular Material Type B 4"	4,000	Sq. Yd		4,000	\$ 5.50	\$ 22,000.00
7	Aggregate for Temporary Access	200	Ton		200	\$ 1.10	\$ 220.00
8	PCC Driveway Pavement 6" Special	350	Sq. Yd		350	\$ 66.00	\$ 23,100.00
9	PCC Sidewalk Special	1,000	Sq. Ft.		1,000	\$ 7.70	\$ 7,700.00
10	Detectable Warning	200	Sq. Ft.		200	\$ 27.50	\$ 5,500.00
11	Driveway Pavement Removal	700	Sq. Yd		700	\$ 12.10	\$ 8,470.00
12	Combination Concrete Curb & Gutter Removal	1,100	Foot		1,100	\$ 4.95	\$ 5,445.00
13	Sidewalk Removal	1,000	Sq. Ft.		1,000	\$ 1.38	\$ 1,375.00
14	Class B Patching Type IV 8"	8,772	Sq. Yd		8,772	\$ 68.20	\$ 598,250.40
15	Class B Patching Type IV 10"	500	Sq. Yd		500	\$ 73.70	\$ 36,850.00
16	Combination Concrete Curb & Gutter Type B.6.12	600	Foot		600	\$ 22.00	\$ 13,200.00
17	Combination Concrete Curb & Gutter Type B.6.24	500	Foot		500	\$ 27.50	\$ 13,750.00
18	Traffic Control & Protection Special	1	L. Sum		1	\$ 63,250.00	\$ 63,250.00
19	Drainage & Utility Structures to be Adjusted	25	Each		25	\$ 275.00	\$ 6,875.00
20	Drainage & Utility Structures to be Reconstructed	5	Each		5	\$ 715.00	\$ 3,575.00
21	HMA Driveway Pav't	350	Sq. Yd		350	\$ 44.00	\$ 15,400.00
22	Non-Special Waste	50	Cu.Yd		50	\$ 1.10	\$ 55.00
23					0	\$ -	\$ -
24					0	\$ -	\$ -
25					0	\$ -	\$ -
26					0	\$ -	\$ -
27					0	\$ -	\$ -
28					0	\$ -	\$ -
29					0	\$ -	\$ -
30					0	\$ -	\$ -
31					0	\$ -	\$ -
32					0	\$ -	\$ -
33					0	\$ -	\$ -
34					0	\$ -	\$ -
35					0	\$ -	\$ -
36					0	\$ -	\$ -
37					0	\$ -	\$ -
38					0	\$ -	\$ -
39					0	\$ -	\$ -
40					0	\$ -	\$ -
							\$832,990.40

Village of Lombard

Department of Public Works

2020 Concrete Panel Replacement

- █ Spot Replacement
- █ Extensive Replacement
- █ Alley

4 February 2020

