

Item #9:
Village Trustee Wachs
2011/12 Road Paving/Maintenance Program



The 2011 Street Program options for the different streets to be rehabilitated with the MFT Funds through the IDOT Bureau of Local Roads and Village General Funds:

BASE BID

Rehabilitation of Robert Parker Coffin Road from Illinois Route 53 to Schaeffer Road

- a. Remove existing 2” of surface hot-mix asphalt (HMA). Place 2” of HMA surface course.
- b. Place 3/4” HMA leveling binder to fill roadway voids and correct roadway grades.
- c. Perform full depth Class D patching in areas where pavement is failing. Approximately 23% of total pavement area was assumed failing for calculating patching quantities.
- d. Restripe roadway, crosswalks, and stop bars.
- e. Regrade roadside ditches to allow positive drainage and keep water off of pavement.
- f. Restore landscaping in regarded ditches.
- g. Install pedestrian crossing signs near Long Grove Church (work to be done by Village).
- h. **COSTS:**

Estimated Construction Costs:	\$163,932.73
<i>(Includes 10% Contingency)</i>	
Design & Construction Engineering:	\$22,883.31
<i>(3.5% Program Management, 3.5% Design Engr., 6% Const. Engr., 1% IDOT Closeout, Contingency Included)</i>	
TOTAL COST:	\$186,883.31

Rehabilitation of Cuba Road from 3744 Cuba Road to Lakeridge Court

- a. Remove existing 2” of surface hot-mix asphalt (HMA). Place 2” of HMA surface course.
- b. Perform full depth Class D patching in areas where pavement is failing. Approximately 22% of total pavement area was assumed failing for calculating patching quantities.
- c. Restripe roadway.
- d. **COSTS:**

Estimated Construction Costs:	\$100,913.73
<i>(Includes 10% Contingency)</i>	
Design & Construction Engineering:	\$14,127.92
<i>(3.5% Program Management, 3.5% Design Engr., 6% Const. Engr., 1% IDOT Closeout, Contingency Included)</i>	
TOTAL COST:	\$115,041.65

BID OPTION 1

Miscellaneous Surface and Full Depth Pavement Patching on the Following Village Roadways:

- Cuba Road (50%)
- North Krueger Road (30%)
- Long Grove Road (10%)
- (Other Village Roadways) (10%)

- a. Perform 2” and 4” HMA surface patching in areas where pavement is failing.
- b. Perform full depth Class D patching in areas where pavement is failing.
- c. Restripe roadways in areas of patches.

d. COSTS:	Ranges Between
Estimated Construction Costs: <i>(Includes 10% Contingency)</i>	\$81,250.00 - \$162,000.00
Design & Construction Engineering: <i>(3.5% Program Management, 3.5% Design Engr., 6% Const. Engr., 1% IDOT Closeout Includes Contingency)</i>	\$11,375.00 - \$22,680.00
TOTAL COST:	\$92,625.00 - \$184,680.00

Total Construction and Engineering Costs (Design and Construction) for Patching and Other 2011 Street Program Improvements are Not to Exceed \$300,000.

BID OPTION 2

Rehabilitation of North Krueger Road from Krueger Court to 450’ north of Eleanor Drive

- e. Remove existing 2” of surface hot-mix asphalt (HMA). Place 2” of HMA surface course.
- f. Perform full depth Class D patching in areas where pavement is failing. Approximately 25% of total pavement area was assumed failing for calculating patching quantities.
- g. Restripe roadway.
- h. Fill in and bring low shoulders up to grade at edge of pavement.
- i. Regrade roadside ditch north of Eleanor Drive to allow positive drainage and keep water off of pavement.

j. COSTS:	
Estimated Construction Costs: <i>(Includes 10% Contingency)</i>	\$181,665.55
Design & Construction Engineering: <i>(3.5% Program Management, 3.5% Design Engr., 6% Const. Engr., 1% IDOT Closeout, Contingency Included)</i>	\$25,433.18
TOTAL COST:	\$207,098.73

BID OPTION 3

Rehabilitation of the Village Hall Parking Lot and Circle Drive up to the School Parking Lot

- a. Remove existing 2" of surface hot-mix asphalt (HMA). Place 2" of HMA surface course.
- b. Perform full depth Class D patching in areas where pavement is failing. Approximately 15% of total pavement area was assumed failing for calculating patching quantities.
- c. Restripe parking lot including handicap symbols.
- d. Install Reserved for Handicap Parking Sign and \$250 Fine Sign.
- e. Landscape restoration around perimeter of improvements.
- f. **COSTS:**

Estimated Construction Costs: \$52,874.13

(Includes 15% Contingency)

Design & Construction Engineering: \$7,402.38

(3.5% Program Management, 3.5% Design Engr.,

6% Const. Engr., 1% IDOT Closeout, Contingency Included)

TOTAL COST: \$60,276.51

BID OPTION 4

Long Grove Water Treatment Plant Parking Lot

- a. Remove and dispose of additional aggregate.
- b. Finish/fine grade aggregate base course.
- c. Install 2.25 inches of hot-mix asphalt (HMA) binder course.
- d. Install 1.5 inches of HMA surface course.
- e. Stripe parking lot, including stop bar and handicap symbol.
- f. Install Reserved for Handicap Parking Sign, \$250 Fine Sign, and Stop Sign.
- g. Landscape restoration around perimeter of improvements.
- h. **COSTS:**

Estimated Construction Costs: \$29,046.41

(Includes 15% Contingency)

Design & Construction Engineering: \$4,066.50

(3.5% Program Management, 3.5% Design Engr.,

6% Const. Engr., 1% IDOT Closeout, Contingency Included)

TOTAL COST: \$33,112.91

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