

# MEMORANDUM

To: Board of Trustees  
Village of Barrington Hills

From: Daniel J. Strahan, P.E., CFM  
Assistant Village Engineer

Date: April 20, 2012

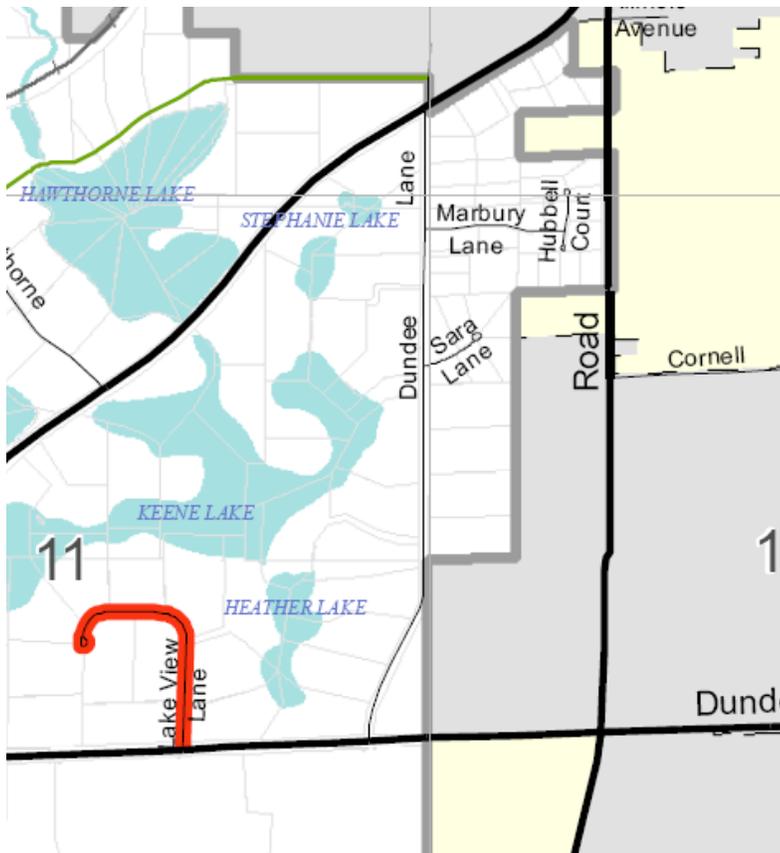
Re: 2012 Road Program Summary

Bids were received for the 2012 Road Program on Thursday, April 19, 2012. The following pages provide a summary of the work to be completed as well as a review of the bids received.

## 2012 Road Program Summary

The goals of the Barrington Hills Road Program are to repair and maintain the pavement conditions of 39.0 miles of Village roadways to an acceptable condition, and to reduce maintenance costs to the Village over the life of the roadways. The 2012 Road Program includes culvert replacements, patching, and resurfacing operations on Dundee Lane, Caesar Drive, Dana Lane, and Braeburn Road, as well as patching and culvert replacements on Steeplechase Drive and Cross Timbers Road.

### Dundee Lane



- Physical Conditions
  - 4,715 FT (0.89 miles)
  - Originally scheduled for 2010 resurfacing; deferred due to budget limitations.
  - Existing Width- 20.5' Average.
  - Platted right-of-way acknowledged by various plats along length of roadway and as monumented, but not reflected on subdivision plat (See Figure 1)

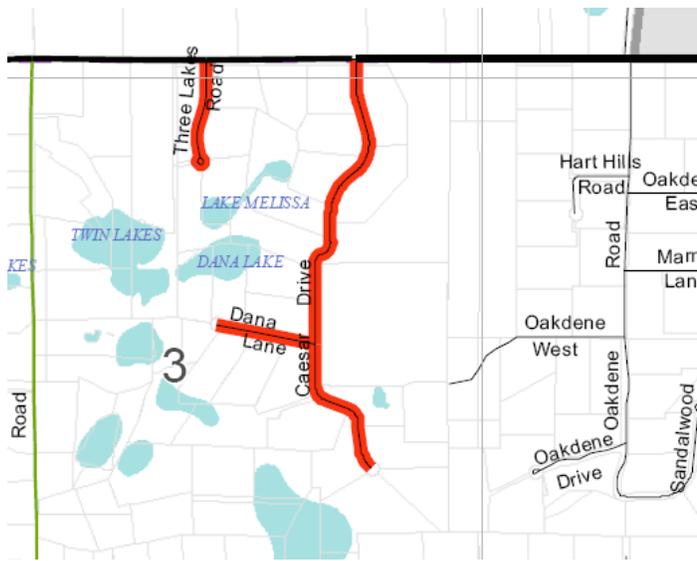


Fig. 2- Dundee Lane- Looking North



Fig. 3- Dundee Lane- Culvert to be Replaced

## Caesar Drive/Dana Lane



### PLATTED MUNICIPAL ROW

▲▲▲▲ ONE SIDE ONLY

— BOTH SIDES

- Physical Conditions
  - Caesar- 4,240 linear feet (0.80 miles)
  - Dana- 1,040 linear feet (0.20 miles)
  - Existing Width varies- 20' Average
  - Platted right-of-way through full length (See Figure 1)
  - Patching completed Fall 2011
  - Storm sewer improvements planned to address existing flooding condition

Fig. 4- Location of Platted R.O.W.- Caesar Dr./Dana Ln.



Fig. 5- Caesar Drive- Looking South



Fig. 6- Dana Lane- Looking West



Fig. 7- Drainage Issue- West side of Caesar, North of Dana

## Braeburn Road



### PLATTED MUNICIPAL ROW

▲▲▲▲ ONE SIDE ONLY

— BOTH SIDES

- Physical Conditions
  - 6,835 linear feet (1.29 miles)
  - Existing Width varies- 21' Average
  - Platted right-of-way limited (See Figure 1)

Fig. 8- Location of Platted R.O.W.- Braeburn Road



Fig. 9- Braeburn Road- Looking North

### 2012 Road Program- Bid Summary

Seven bids for the 2012 Road Program were received on Thursday, April 19, 2012. Below is a summary of the bids received:

|  |                           |
|--|---------------------------|
| • Geske & Sons (Crystal Lake, IL)              | \$850,476.94 (\$50.53/FT) |
| • Schroeder Asphalt (Huntley, IL)              | \$884,024.67              |
| • Chicagoland Paving (Lake Zurich, IL)         | \$919,900.00              |
| • Arrow Road Construction (Mount Prospect, IL) | \$924,791.10              |
| • J.A. Johnson Paving (Arlington Heights, IL)  | \$937,753.42              |
| • Curran Contracting Co. (Crystal Lake, IL)    | \$939,215.75              |
| • Peter Baker & Son Co. (Lake Bluff, IL)       | \$988,421.60              |
| • <i>Engineer's Opinion of Probable Cost</i>   | <i>\$906,017.50</i>       |

Geske & Sons, Inc. submitted the lowest bid based primarily based on having the lowest asphalt prices. Geske's bid prices of \$61.10/TN for binder and \$61.90/TN for surface were \$8-\$9/TN lower than the average bid prices for these items.

The cost per linear foot of the road program is similar to the low bid received in 2011 (\$49.67); however, the storm sewer improvements on Caesar Drive inflates the cost per linear foot. Adjusting the cost to remove the storm sewer, the cost per linear foot on the roads to be resurfaced for the past three years is compared below:

|   |            |
|---|------------|
| • 2010 Resurfacing Cost:  | \$39.58/LF |
| • 2011 Resurfacing Cost (Patching on other roads removed):              | \$42.38/LF |
| • 2012 Resurfacing Cost (Caesar Storm & Steeplechase culverts removed): | \$43.87/LF |

### 2012 Roads & Bridges Budget Summary

|                                   |                     |
|-----------------------------------|---------------------|
| • Road Maintenance Contracts      | \$710,000.00        |
| • MFT Resolution (VBH Res. 12-07) | <u>\$180,000.00</u> |
| Total:                            | \$890,000.00        |

### GHA Bid Recommendations

We recommend that the Village Board award the 2012 Road Program work package in the amount of \$850,476.94 to Geske & Sons, Inc.

cc: Robert Kosin, Director of Administration