

# MFT MAINTENANCE PROGRAMS VARIOUS CLIENTS IN NORTHERN ILLINOIS



## CHALLENGE

*Create cost-effective solutions to the maintenance of facilities repaired under the MFT Program.*

HLR administers the annual MFT Maintenance programs for the City of Woodstock, City of Elgin, and Village of Glencoe, and as funding is available, for the Village of Kenilworth, and Elgin Township. These clients look to us to help them maximize the amount of work to be done with the limited amount of funding available.

## SOLUTION

To assist our clients with their MFT Maintenance Program administration, HLR meets with each client's engineering staff to prepare a list of improvement locations to be used in the preparation of the bid documents and to identify preventive maintenance measures.

Preventive maintenance treatments lengthen the intervals between replacement of deteriorated roadways. HLR identifies preventive measures based on the age, volume of traffic, and condition of the roadway. Appropriately timed preventive maintenance extends pavement life and limits the need for corrective maintenance. HLR recommends cost-saving measures to maximize the use of each client's MFT funds.

On our clients' behalf, HLR will perform construction observation services, provide a licensed Professional Engineer to oversee all personnel and services, Assist with bid openings and preparation of bid tabulations, and coordinate with the following agencies:

- IDOT Bureau of Local Roads for program approval
- IDOT Bureau of Traffic for traffic signal maintenance
- U.S. Army Corps of Engineers for bridge maintenance issues

*The MFT Maintenance Programs that HLR coordinates include:*

- Woodstock – This program includes intermittent resurfacing, crack sealing and pavement markings. Construction costs for the 2008 Plan Year total \$500,000.
- Glencoe – 2008 Resurfacing Program construction costs were \$330,000.
- Elgin Township – 2008 Resurfacing Program construction costs were \$610,000.
- Kenilworth – The most recent Resurfacing Program construction costs were \$125,000.
- City of Elgin –The program includes resurfacing, thermoplastic pavement marking, paint/epoxy pavement marking, crack sealing, bridge maintenance, intermittent resurfacing, signal painting, mat over chip seal, and traffic signal maintenance. The 2007 Program construction costs were \$1.9 million.

## RESULTS

Benefits of MFT Maintenance Programs include:

- Pavement preservation
- Infrastructure preservation
- Longer intervals between roadway and equipment replacement
- Improved traffic safety



CITY OF ELGIN – SOUTH GROVE STREET RESURFACING