

MEADE ELECTRIC COMPANY, INC.
DESCRIPTION OF ROUTINE MAINTENANCE TRAFFIC SIGNALS
SPECIFICATION #2
VILLAGE OF ORLAND PARK, ILLINOIS

1. Patrol the traffic control signal system once every two (2) weeks and replace burned out lamps and sockets. The reflector will be cleaned each time a lamp is replaced.
2. Keep signal heads, posts, control cabinets, and foundations in alignment and tightly connected at all times.
3. Keep detector equipment in proper working condition at all times.
- 4A. Check the controllers, relays, and detectors at least once every four (4) weeks to ascertain that they are functioning properly and make all necessary repairs and replacements.
- 4B. Provide monthly status report and maintenance/service logs for all signal related work performed by the contractor for the Village pursuant to this agreement.
5. Furnish and install temporary controller to match existing sequence and detection whenever necessary.
6. Maintain proper timing and dial setting of the controls and detector relays as directed.
7. Keep interior of control housing in a neat and workmanlike manner at all times.
8. Remove to inspect and clean each electro-mechanical control unit, relays, special auxiliary control equipment and flashers once a year or more often if necessary. Solid state equipment will be cleaned and overhauled only when the equipment malfunctions. A record tag shall be attached to each controller on which shall be indicated the date of overhaul or other service work.
9. Replace lamp outages.
10. Group re-lamp traffic signal heads at expiration of average rated lamp life.
11. Whenever repairs at a signalized intersection require that the controller be disconnected, following approval by the Village, the contractor shall place a stop sign meeting current muted retroreflectivity standards, sizing and placement on each approach to the intersection as temporary means of regulating traffic. However, if power is available, the contractor shall install a flasher, flashing red on all approaches to the intersection.

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12. Respond to emergency calls from an authorized agent of the owner twenty-four (24) hours a day, including Saturdays, Sundays, and holidays. Controller failure, lights out, knockdowns, or two (2) red lights out at an intersection are considered emergencies. Response guaranteed within sixty (60) minutes of Village call for service.
13. Any additional traffic control intersections may be added to this contract at the unit price shown in the agreement. None for 2010.
14. Detector loops and cable failures that are not caused by bad pavement or deteriorated cable will be repaired under the maintenance contract at no charge to the maintenance customer.
15. We will not be responsible for damage or vandalism to the system beyond our control. Such work will be completed on a time and material basis with prior written estimate and Village authorization.
16. The owner reserves the right to recover costs for all damages from the damaging party.
17. All invoices for preapproved extra work to be paid within thirty (30) days from the date of invoice.
18. The contractor will carry all necessary property damage and liability insurance at levels specified by the Village for all equipment, vehicles and labor involving the maintenance and operation of the signals and all control hardware and loop detection systems.
19. Any work relating to the emergency vehicle preemption equipment is not included in the routine maintenance and will be billed, itemized, apart from contractual service.