



Inspection of Roadway Systems

Traffic & Street Lighting

Definition of New Work, Maintenance Work, Retrofit Conversions and Non-Inspection Items

For Inspection Purposes of Traffic Signals and Street Lights:

New Work: Installing lights or systems where they did not previously exist or New lighting system replacement projects. New Work requires a permit.

Maintenance Work: Replacing, relocating, re-installing and repairing existing systems. This also includes the addition of components to enhance an existing installation. This does not include Retrofit lighting conversions.

NEW vs. Maintenance:

Traffic Signal

For Inspection purposes, all work performed on traffic Signals falls into three categories,

1. * New Installations and Major Modifications (i.e rebuilding an intersection)
2. * Maintenance Work: (Small job) includes:

Adding to an existing traffic control system (poles, signal heads, pushbuttons, etc), Replacing components that are not designated to plug in (poles, signal heads, control panels), Service repairs when a connection order to the utility is not required, Repairing or replacing wiring of an existing system

3. Non-Electrical Maintenance – i.e Cleaning, Relamping, Adjustments, Replacement of plug in components

***Items 1&2 require Inspection, Item 3 requires does not require Inspection. Option 2 can be achieved through the Roadway Maintenance Program**

Street Lighting

For Inspection purposes, all work performed on Street Lighting falls into four categories,

1. *New Installations (i.e new subdivision) and Major modification (i.e relocating more than 1 pole caused by the widening of the street)

2. *Maintenance Work: (Small job) includes:

The addition of a fixture to enhance the existing lighting in the area, Replacement of fixtures (head replacement up to 50/yr. can be considered as maintenance (greater than 50/yr. is considered capital work and requires a separate wiring Inspection application), Reinstalling a fixture on a pole that has been replaced, Repairs to the wiring supplying a fixture, In-line fusing, breaker replacement, service rated switch with circuit breaker in handhole, Power Pedestal replacement, underground cable replacement

3. *Retrofit lighting Conversions (i.e conversions from fluorescent to LED)

Retrofit conversions are priced as per the Streetlight Retrofit Requirements (dependant on qty of fixtures & Inspection requirement).

4. Non-Electrical Maintenance – i.e Lamp Replacement, Replacement of plug in components

***Items 1&2 require Inspection, Item 3 requires Inspection process and Inspection, Item 4 does not require Inspection. Option 2 can be achieved through the Roadway Maintenance Program**