

Electrical Work Orders

<u>Program Area</u>	<u>Group</u>	<u>Activity Description</u>	Detailed Description
Electrical	Materials Management		Activities associated with materials/inventory management.
		Inventory Request	Material purchase to maintain warehouse/shop inventory.
		Department Furnished Materials	Department Furnished Material issued to an improvement project electrical contractor.
Electrical	Operational/Project Work		Activities to address operational or planned equipment modifications.
		Activate New/Revised Installation	Activate new/revised installation, whether WisDOT or contractor installed (<i>Improvement Project work</i>)
		Inspect Contractor Installation	Field inspect any and all contractor work (<i>Improvement Project work</i>)
		Programming	Program controller or other electronic devices, whether in the field or remotely
		Revise Installation	Install new devices, conduits, poles etc. (<i>Operational work, 0082...</i>)
		Update Firmware/Software	Update firmware/software for electronic devices, whether in the field or remotely
		Utility Locate	Locate utilities or assist contracted utility locator
		Other	
Electrical	Preventative Maintenance (PM)/Lifecycle		Activities performed to prevent deterioration or failure and ensure system reliability.
		Lifecycle/Upgrade Electronics	Planned replacement of controllers, switches, detection, etc.
		Lifecycle/Upgrade Luminaires	Planned replacement of luminaires
		Lifecycle/Upgrade Signal LEDs	Planned replacement of signal LEDs
		Routine Monitor Test	Routine monitor/MMU swap for testing
	Routine PM	Routine signal/lighting cabinet check, including field equipment check and camera cleaning	
Electrical	Service Repair (Non-PM)		Activities necessary to restore to a good or sound condition after decay or damage
		Clear LEDs	Non-PM clean/clear LED lenses due to snow, salt, dirt, etc.
		Damage Repair	Repair/replace damage due to Knockdown
		Damage Secure	Secure damage due to Knockdown
		Repair/Replace Cabinet Electronics	Repair/replace cabinet electronics, including load switches, ethernet switches, cabinet cabling, etc.
		Repair/Replace Controller	Repair/replace controller or controller components (e.g. screen)
		Repair/Replace Detection	Repair/replace detection components, including ped buttons, loop wire, lead-in cable, detector cards, microwave units, video units, etc.
		Repair/Replace Lighting	Repair/replace lighting components, including luminaires, contactors, photocells, lighting wire, etc.
		Repair/Replace Monitor	Non-PM repair/replace monitor/MMU
		Repair/Replace Pre-emption	Repair/replace pre-emption (EVP and railroad) components, including cable and wire
		Repair/Replace Signal Head	Replace individual signal LEDs, ped heads, reaim heads, replace backplate, repair/replace signal cable, etc.
		No Work	Power outage; Monitor reset; Incorrect Installation ID
		Other	