
Special Provision to Special Specification 6227

Solar Powered Light Emitting Diode (LED) Roadside Sign



Item 6227, "Solar Powered Light Emitting Diode (LED) Roadside Sign" of the Special Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 2. "Materials". The last paragraph is voided and replaced by the following:

Provide LEDs that have dimming capabilities and automatically adjust flash brightness to varying light conditions. LEDs will be rated to operate at least 100,000 hr. Provide solar panels and batteries sized to allow the system to work 24 hours a day, 7 days a week. Batteries must have a 3 yr. lifespan while operating 24 hr. per day. Provide solar panel and batteries system integrated in the same enclosure. Batteries must be field replaceable. Dimension must not exceed 17 x 15 x 4 in. Must include aluminum mounting bracket. Solar panel, battery and mounting hardware must withstand wind load rating up to 110 mph. Solar Panel, battery system must be configurable to operate 24/7 or from dusk to dawn. Solar panel and batteries must be installed on existing or proposed standard sign pole as shown on the plans and as per manufacturer's recommendations.