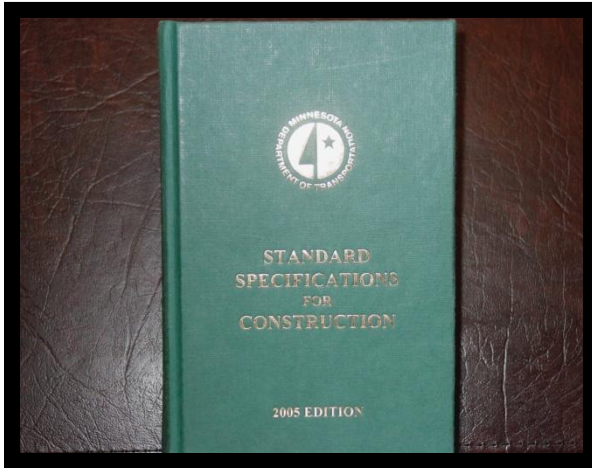


WARRANTIES

Standard Specification 2545.2A5 and 2565.2A5:



The warranty period starts on the day the signal or lighting system is turned on. Turn-on date is defined as:

Signals: when the signal system meets all the installation and operational requirements of the contract and are placed in automatic operation.

Lighting: when the lighting system meets all the installation, operational, and testing requirements of the contract.

The warranty applicable to signal and lighting systems is a one (1) year in service warranty provided by the Contractor. For equipment that is placed into operation after the signal is turned-on (for example signal interconnect cables), the warranty must begin on the date the equipment is placed into service to the satisfaction of the Engineer.



The warranty must include all the components of the lighting system including (but not limited to): poles, luminaires, lamps, photoelectric controls, cable, service cabinets, etc.

The warranty must include all the components of the signal system including mast arm pole standards, signal indications, cable, loop detectors in roadway, emergency vehicle preemption system, finish on poles, etc.



Excluded from the in-service warranty period are:



1. All State furnished material.

2. Any parts or materials that, in the opinion of the Engineer, have been subjected to misuse, negligence or accidents by anyone other than the contractor.



Upon completion of the project, the contractor must provide a phone number where 24 hour response is available to repair any defects. This should be given to the Project Engineer who will, in turn, give it to the Electrical Services Unit (ESU).

All the documents of the manufacturer's warranty, instruction sheets and parts lists must be submitted to the Engineer prior to the final acceptance of the project or when requested by the Engineer.