

SECTION 16616

PERFORMANCE TESTING OF LIGHTING SYSTEMS

PART 1 DESCRIPTION

- A. Test the performance of roadway, high mast, and sign lighting systems.

PART 2 CONSTRUCTION

- A. Perform tests on the lighting system and tests required by Section 16618, "Conduits," Section 16620, "Electrical Conductors," and Section 16622, "Duct Cable." Ensure that all components are properly installed.
- B. Place the lighting system in operation for a 14 day test period. Burn the lighting system steadily for 48 hr. Then cycle the photocell or other control device for 12 days.
- C. Pass a 14 day performance test of the lighting system.
- D. Replace materials that are damaged or have failed before acceptance. Damaged illumination assemblies, except those damaged by the Contractor, and minor failures of lamps, ballasts, and photocells are not cause for modifying or restarting the performance test.
- E. Replace failed or damaged existing lighting system components when caused by the Contractor.
- F. The Owner's Representative will relieve the Contractor of maintenance responsibilities upon passing a 14 day performance test of the lighting system and acceptance of the Contract.

PART 3 MEASUREMENT AND PAYMENT

- A. The work performed, materials furnished, equipment, labor, tools, and incidentals will not be measured or paid for directly, but will be subsidiary to pertinent Sections. The Owner's Representative will pay for electrical energy consumed by the lighting system.

END OF SECTION