**Revision of Section 105**

**CONTROL OF WORK**

Section 105 of the Standard Specifications is hereby revised for this project as follows:

Subsection 105.20 shall include the following:

The Contractor shall provide timely response and complete all traffic signal maintenance for traffic signals that are included in the contract work within the project limits. The Contractor shall respond to the project site within one hour of notification for urban highway projects, and within four hours of notification for rural highway projects. These services shall be available upon notice, and provided at all times, including holidays and seasonal no work periods. The Contractor shall provide these services beginning when time count starts for the project through final acceptance. The Contractor shall submit a Traffic Signal Maintenance Plan (TSMP) to the Engineer for acceptance at the Pre-Construction Conference. The TSMP shall include the following:

1. *Contact Information*. The Contractor shall designate a single contact person to be responsible for coordination and execution of the project TSMP. TSMP shall contain the Contractor’s TSMP coordinator’s contact information, including name and phone number, and additional contact information for all personnel assigned to perform Traffic Signal Maintenance.
2. *Plan Requirements*. The TSMP shall establish a specific communications process to coordinate and manage Traffic Signal Maintenance. The TSMP shall document the project’s response time to confirm the requirements stated above. The TSMP coordinator shall be responsible for all communications during an incident, including notification of the Engineer, and communications with concerned stakeholders regarding when the maintenance operations are started, the estimated time frame of the repair or maintenance, the time repair has been completed, and the time normal traffic operations are resumed. A post-incident evaluation report shall be submitted to the Engineer within 48 hours of the initial incident notification. The report shall summarize the incident timeline, the repair and maintenance required, and the communication efforts made during the incident.
3. *Certification Documentation*. The Contractor shall adhere to the following requirements regarding Traffic Signal construction and maintenance personnel certifications. Current Certificates showing qualifications shall be documented in the TSMP to be submitted at the Pre-Construction Conference.
4. For work inside the traffic signal cabinet, Signal and Signal Bench Technicians shall be minimum IMSA Level II certified. This includes the completion of training in construction, corrective maintenance and signal turn-on.
5. For all work external to the signal cabinet, a minimum IMSA Level I Traffic Signal Field Technician/Electrician, or Traffic Signal Bench Technician/Signal Technician, is required. An IMSA Level II Traffic Signal Electrician shall be on the job site at all times that signalization work is taking place to ensure proper construction. A maximum ratio of four IMSA Level I to one IMSA Level II will be allowed for work external to the signal cabinet.

The United States Department of Labor – Bureau of Apprenticeship and Training may be substituted for the IMSA Level I Traffic Signal Electrician requirement.

(c) *Traffic Control*. The Contractor shall perform traffic control as required until completion of the TSMP. All required traffic control contact information shall be provided in the TSMP.

The Contractor shall complete Traffic Signal Maintenance in accordance with the TSMP, and all other applicable project standard specifications or special provisions.

Traffic Signal Maintenance as described above will not be measured and paid for separately, but shall be included in the work.