



**SPECIAL PROVISIONS
FOR
TRAFFIC SIGNALIZATION**

**Des Moines County
STBG-SWAP-0977(658)--SG-29**

**Effective Date
April 16, 2024**

THE STANDARD SPECIFICATIONS, SERIES 2023, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

A. General.

1. This Special Provision consists of the general requirements necessary when furnishing a traffic signal installation complete, in place and operative as described in the contract documents.
2. The work shall consist of furnishing labor, materials and performing all work necessary to install traffic control signals in the City of Burlington, Iowa, as shown on the contract documents and as directed by the Engineer to result in a complete and finished job.
3. This special provision amends Sections 2525 and 4189 of the Standard Specifications.

B. Video Vehicle Detection System.

1. The City of Burlington uses video vehicle detection equipment manufactured by Miovision. Video detection system to include the following:
 - SmartView 360 intersection camera,
 - SmartView Approach HD bullet cameras,
 - Miovision Core hardware platform
2. Provide and install materials as shown within "Traffic Signal Special Equipment to Be Used" table within the plan set.
3. Specifications under Section 2525 of the Standard Specifications still apply.

C. NEMA Controller, Cabinet, and Auxiliary Equipment.

1. The City of Burlington uses controller equipment manufactured by Cubic/Trafficware including the Commander model ATC traffic controller system configured for shelf mounting and satisfying NEMA TS-1 requirements. The signal controller shall include all necessary licenses for communications with the central server ATMS. Provide and install materials as shown within "Traffic Signal Special Equipment to Be Used" table within the plan set.

2. Specifications under Section 2525 of the Standard Specifications still apply.

D. Conflict Monitor.

1. The City of Burlington uses conflict monitor equipment manufactured by EDI including the Model MMU2-16Leip smart monitor which supports MUCTD Flashing Yellow Arrow PPLT operation and meets/exceeds the NEMA Standard MMU2 requirements of TS2-2016 FYA, providing modes for both TS-2 or TS-1 cabinet configurations. Provide and install materials as shown within "Traffic Signal Special Equipment to Be Used" table within the plan set.
2. Specifications under Section 2525 of the Standard Specifications still apply.