

**DATE:** May 27, 2025

**TITLE:** Resolution No. 2025-0827 IGA with SUSD for WGHS Traffic Signals Construction/Installation

**SUBJECT:** Adoption of Resolution No. 2025-0827, approving the form and authorizing the Intergovernmental Agreement between the Town of Sahuarita and the Sahuarita Unified School District No. 30 for the traffic light installation project construction cost sharing at the Walden Grove High School entrance.

**FROM:** Galovale Galovale, Public Works Director/Town Engineer

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**EXECUTIVE SUMMARY:**

The purpose of this project is the construction and installation of new traffic signals at the Sahuarita Road/Sahuarita Park Road/Delgado Road intersection. The intersection is located on Sahuarita Road, east of Nogales Highway and south of the Walden Grove High School. The intersection provides the main access to the Walden Grove High School.

**STAFF RECOMMENDATION:**

Staff recommends adoption of Resolution No. 2025-0827.

**SUGGESTED MOTION:**

*I move to adopt Resolution No. 2025-0827.*

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**STRATEGIC PLAN:**



☐ Economic Expansion & Placemaking



☐ Outreach & Communication



☒ Infrastructure & Facilities



☐ Highly Performing Organization



☒ Community Well-being

☐ Other

**OTHER/GOALS:**

**FISCAL IMPACT:** N/A

**BACKGROUND/ANALYSIS:**

The construction phase of this project encompasses the physical installation, comprehensive inspection, and rigorous testing of the new traffic signal system, ensuring full compliance with approved designs, industry best practices, and all applicable state, federal, and local regulations. Initially, the site will undergo thorough preparation, including precise verification of existing utility locations to prevent conflicts, meticulous clearing and grubbing, and careful excavation for the installation of foundations, conduits, and related infrastructure. Erosion control measures will be implemented proactively to safeguard the surrounding environment, and a detailed traffic control plan will be executed to maintain safe and efficient traffic flow throughout the construction process. A pre-construction meeting will be conducted with all stakeholders to establish a clear understanding of the project schedule, safety protocols, and quality control requirements.

The subsequent installation process will involve the precise placement of foundations for signal poles, mast arms, and other equipment, adhering strictly to approved design plans and specifications. This includes ensuring the correct type, size, and depth of foundations, along with thorough soil testing and compaction to guarantee stability. Conduit and wiring installation will be carried out, encompassing both underground and above-ground systems, with meticulous attention to conduit size, type, and depth, as well as the accurate pulling and termination of all wiring and cabling. The erection of signal poles and mast arms will be performed in accordance with approved designs, ensuring plumbness and secure anchorage. Signal heads for vehicular and pedestrian traffic, vehicle detection systems, emergency vehicle preemption systems, signal controllers and cabinets, and battery backup systems will all be installed with precision and tested for functionality. Furthermore, a communications system will be installed to facilitate efficient signal monitoring and control. System testing and activation will involve rigorous evaluation of all components and the complete integrated system under various traffic conditions, culminating in a final inspection and system activation in coordination with the Town of Sahuarita. Finally, all areas disturbed by construction will be meticulously restored to their original condition, and comprehensive documentation and training on the operation and maintenance of the traffic signal system will be provided to the Town of Sahuarita personnel.

**ATTACHMENTS:**

1. Resolution No. 2025-0827
2. IGA with SUSD for WGHS Traffic Signal Construction/Installation