



TOWN OF QUEEN CREEK
Public Works Department
Traffic Engineering Program
22350 S. Ellsworth Road
Queen Creek, Arizona 85242

TRAFFIC SIGNAL POLE SCHEDULE NOTES

Traffic Signal Pole Schedule Notes

1. The contractor shall provide and install luminaires. Luminaires shall be GE M250A2 power front/door with 250 watt lamps or approved equal. All luminaires shall have shorting caps installed.
2. Internally Illuminated Street Name Signs (IISNS) shall be provided and installed by the contractor. Prior to ordering or manufacturing IISNS, the contractor shall provide shop drawings for review and approval to TOQC Traffic Department. Shop drawings shall include front and back face layout, cabinet details, lighting specifications, mounting specifications, and color and font specifications. Addresses for the signs will be provided by the TOQC Traffic Department.
3. The contractor shall provide and install emergency vehicle pre-emption. Emergency vehicle pre-emption shall be Tomar Strobecom II, 4090-22-ST or 4090-1-ST Series detectors, 4140 optical signal processor card, and one 700 Mini Strobes. M913 detector cable (or approved equivalent). Terminations shall be per TOQC Standard Detail TS-02 and TS-04. The conductor cable for emergency vehicle pre-emption cable shall run unspliced from the detector to the controller cabinet.
4. The contractor will supply a complete cabinet assembly, signal poles (including anchor bolts), mast arms, signal and pedestrian heads (including mounting brackets), pedestrian push buttons.
5. The contractor shall install pedestrian push buttons per ADOT Standard Detail TS 11-1. Pedestrian push buttons shall be mounted in accordance with ADOT Standard Detail TS 9-9, with the centers of the push button a maximum of 42" above the adjacent finished sidewalk. All push buttons shall be etched with town logo.
6. The contractor shall provide and install video detection (per Town of Queen Creek specifications). Installation of the video detection power/data conductors shall run unspliced from each camera to controller cabinet.
7. All signal head's with type XI side mounts shall have 12" arm's. Pedestrian head's shall be ADOT standard.