



## Signal Plan General Notes

1. All materials and installation shall conform to the Town of Queen Creek (TOQC) Standards and Details, the 2008 Arizona Department of Transportation (ADOT) "Standard Specifications for Road and Bridge Construction", the Manual on Uniform Traffic Control Devices (MUTCD) latest approved edition, the current MAG Specifications and Details, the Special Provisions, and these plans.
2. The utilities depicted hereon are based on the best available information at the time of the field survey. It is the responsibility of the Contractor to contact Blue Stake at 602-263-1100 48-hours prior to any construction to field verify the exact locations of all utilities. If discrepancies exist, Contractor shall notify the Engineer immediately.
3. Prior to construction the Contractor shall pothole existing facilities at all conduit crossings.
4. When installed adjacent to a sidewalk ramp, tops of pole foundations shall be per TOQC Standard Detail TS-05. Otherwise, they shall be the same elevation as existing adjacent sidewalk or top of curb. If curb/gutter does not exist, nor is it planned for construction adjacent to the new pole foundation, the top of foundation shall be set a minimum of 4 inches above the adjacent roadway crown.
5. Contactor shall replace all landscaping and/or irrigation facilities that may be disturbed or damaged during traffic signal construction at his own expense. Contact the property owner for information on the location of irrigation equipment.
6. The Contractor is responsible for trimming existing landscaping and vegetation adjacent to proposed signal equipment to ensure clear visibility of all pedestrian and signal heads. All work associated with this item shall be considered incidental to the installation of signal and pedestrian heads.
7. All new field equipment shall be located by a Registered Land Surveyor currently licensed in the State of Arizona.
8. Prior to installation, the Contractor shall contact the TOQC Traffic Department at 480-358-3132 for inspection and approval of equipment locations.
9. Traffic signal pull boxes shall be left in clean condition.
10. Where the existing pull box is to be removed and replaced with a new pull box or splice vault, the Contractor shall adjust the existing conduit sweeps to enter the new pull box or splice vault installation per ADOT Standards.
11. The Contractor is responsible for contacting Salt River Project (SRP) a minimum of 4 weeks prior to start of construction, for power source point of delivery (POD) location and installation requirements. Contractor shall coordinate with the TOQC Traffic Department at 480-358-3132 prior to making contact with SRP.
12. The Contractor is responsible for providing and installing the service conduit run from the SRP power source POD to the signal meter pedestal. SRP is responsible for installing service wire from the SRP power source POD to the meter pedestal.
13. All conduits shall be schedule 40 PVC.

14. The Contractor is responsible for returning all salvaged material to the TOQC.
15. All conduit runs under existing pavement or driveways shall be installed by directional boring unless prior approval is obtained from the TOQC Traffic Department.
16. The Contractor shall contact the TOQC Traffic Department at 480-358-3132 to coordinate the emergency vehicle preemption detector line of sight.
17. The Contractor shall comply with all provisions for temporary traffic control and signing and pavement marking as per the Manual on Uniform Traffic Control Devices (MUTCD) latest approved edition, the Arizona Supplement to the MUTCD, and Town of Queen Creek requirements.
18. The Contractor shall provide material submittals to the Town of Queen Creek Traffic Engineering Department prior to ordering any materials. Upon written approval by the Town, submitted materials may be ordered.
19. The Contractor shall contact the Town of Queen Creek Traffic Department at 480-358-3132 to schedule the turn-on a minimum of 10 working days in advance. The Contractor shall provide an off-duty deputy from the Queen Creek District of the Maricopa County Sheriff's Office to control traffic during the signal turn-on.
20. See Signing and Pavement Marking Plans for actual lane dimensions, stop bar locations and requirements.
21. Mounting height for traffic signal faces shall comply with the currently approved edition of the Manual on Uniform Traffic Control Devices handbook.
22. The Contractor shall install A 2" fluorescent yellow prismatic ASTM D4956 type XII, IX, or XI Retro Reflective border around the entire perimeter of each back plate for all heads. No additional payment will be made for supplying and installing the Retro Reflective Tape