



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

TRAFFIC SIGNAL ITS NOTES

Traffic Signal ITS Notes

1. The contractor shall provide and install an Axis CCTV camera (model# Q-6042E) with smoked dome at the location indicated on the plans. Cat5e cable shall be outdoor rated and shall run un-spliced from the camera to the controller cabinet. The CCTV camera mount shall be Axis model# T-91A67.
2. The contractor shall provide and install Two Encom Wireless radio/antenna (COMMPAK BB58INT – 54 Mbps) at the location(s) indicated on the plans. Cat5e cable shall be outdoor rated and shall run un-spliced from the radio to the controller cabinet. AND: The contractor shall provide a 12 SMFO Gator Patch (or approved equal) branch cable that extends from the nearest no. 9 pull box to the controller cabinet, with a Tyco Electronics 450 Fiber Optic Gel Splice Closure.
3. The contractor shall provide a Ruggedcom RSG920P Ethernet switch (model# 6GK6092-OPS23-OCA0-Z-A00-B00-C00-D00), One external power supply with Din rail mount (#6GK6000-8MS00-0AA0). Four single mode, 1300nm, 25km SFP's (99-25-0101 = 1000LX SFP, Single mode, LC, 1310nm, 25 km). and 16 Cat5e (350 MHz) Blue Molded Patch Cables RJ45 (Male/Male) – 6ft.
4. Surge protection for the CCTV camera and radio shall be LCOM brand, model HGLN-CAT5-HP (or approved equal).
5. The contractor shall deliver the CCTV camera, wireless radio, and Ethernet switch to the TOQC Traffic Department at 480-358-3132 for configuration a minimum of 10 working days prior to installation.
6. Prior to installation of any ITS devices either on the pole or in the controller cabinet, the contractor shall contact the TOQC Traffic Department at 480-358-3132 for approval of installation location.
7. All #9 lids shall be Inscribed "QUEEN CREEK FIBER OPTIC"