NOTES:
1. Control Cabinet mounted service enclosure shall only be used when directed by ADOT Traffic Engineering. See Specifications for construction requirements.
2. All service conductors and service panels for Traffic Signals shall be 100 Amp capacity.
3. All components shall be rated for 600V operation, unless required otherwise.
4. Circuit breakers shall be the molded case, thermal magnetic, plug-in type.
5. As required by plans, the contractor shall furnish either PVC conduit or trench to the base of Utility Co pole or transformer for service conductors.
6. Control cabinet foundations shall be increased 5" on the backside to accommodate the service enclosure, See T.S. 2 Series.
7. The service enclosure shall be secured to the control cabinet with [4] 3/8" cadmium plated or stainless steel bolts. Bolts shall not interfere with interior cabinet wiring or equipment placement.
8. Riser conductors shall be rigid steel or intermediate metal installed per applicable requirements of NEC 230-44. Metal Conduit installed underground or in concrete shall be wrapped with an approved 10mil PVC tape and must be overlapped a minimum of half the tape width.