

QC PLAN SUBMITTAL**DATE OF SUBMISSION:** _____

- *Advance the 80% traffic signal design plans to 100% design completion.*

Respond / Incorporate Review Comments From:

- 1) Municipality (if applicable)
- 2) VDOT, Residency
- 3) VDOT, Regional Traffic Engineering
- 4) VDOT, District Utilities Section
- 5) VDOT, CO – Traffic Engineering (L&D)
- 6) VDOT, CO – Traffic Engineering Division
- 7) VDOT, Scheduling and Construction
- 8) FHWA

Constructability Check

- 1) Ensure clear zone requirements are met.
- 2) Verify traffic signal infrastructure is outside of the deflection clearance of guardrails.
- 3) Update plans with other design disciplines to ensure that conflicts with drainage, utilities (overhead or underground) and landscaping have not been created with design revisions.
- 4) Verify right of way and (or) easements remain sufficient to install traffic signal infrastructure.

Plan Sheets

- 1) Finalize General Notes and Plan Notes.
- 2) Finalize traffic signal plan call-outs for conduits, junction boxes, signal pole legends, plan sheet references, sign details, etc.
- 3) Ensure plan sheet call-outs are consistent with legend and Summary of Quantities pay items, and Transport pay items.
- 4) Perform quantity take-offs and verify each pay item in the project is accounted for in the Summary of Quantities.

Plan Detail Sheets

- 1) Special plan details
- 2) Insertable sheets

Summary of Quantities / Special Provisions

- 1) Finalize Summary of Quantities Sheet. [[Appendix IVA-4](#)]
- 2) Cross check measurement and payment for each pay item and ensure it matches the VDOT standard items or non-standard items as discussed in the Specifications, Special Provisions and/or Special Provision Copied Notes. [[Sec. I, Chapter 3, 3.8](#)]
- 3) Discuss in detail the Special Provisions and Special Provision Copied Notes with Traffic Engineering Division Specifications Section.