

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VII: Traffic Control Facilities

Title: Traffic Signal and Highway Lighting (Poles)

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| Route Name |
| Reference Number |
| Station |
| Offset |
| Sheet Number |

| Attribute Numbers | Compliance | Narratives | References |
|-------------------|------------|--|--|
| 0. | | All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity). | Construction Bulletin 11-07 |
| 1. | | The contractor has submitted six copies of a complete project material submittal for approval at the preconstruction conference. | Standard Specifications 106.05 Standard Specifications 730-4 |
| 2. | | An installation and lifting plan describing the procedure has been submitted by the contractor and approved by the Engineer. | Standard Specifications 730-1 |
| 3. | | The pole hand hole dimensions are in conformance with the details on the standard drawings | Standard Specifications 731-2.02 (B) Traffic Signals and Lighting Standard Drawings T.S. 4 4-20 |
| 4. | | The pole hand hole cover has a locking device. | Traffic Signals and Lighting Standard Drawings T.S. 4 4-20 |
| 5. | | The pole hand hole is oriented so that it is aligned with the mast arm. | Traffic Signals and Lighting Standard Drawings T.S. 4 4-20 |
| 6. | | A 5/16" diameter N.C. tapped hole is provided for the pole ground. | Traffic Signals and Lighting Standard Drawings T.S. 4 4-20 |
| 7. | | A metal tag containing the pole specific information has been permanently attached to the side of the mast arm near the base. | Standard Specifications 731-2.04 |
| 8. | | A metal tag containing the pole specific information has been permanently attached to the pole above the hand hole. | Standard Specifications 731-2.02 (B) |

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| 9. | | The correct pole base has been installed in accordance with the Special Provisions and plans details. | Standard Specifications 731-2.02 (D) |
| 10. | | All anchor bolts are threaded at the top. | Standard Specifications 731-2.02 (G) Traffic Signals and Lighting Standard Drawings T.S. 4 4-20 |
| 11. | | A 25 foot coil of number 4 AWG bare copper conductor has been properly placed and connected to the pole grounding. | Standard Specifications 732-3.03 Traffic Signals and Lighting Standard Drawings T.S. 4 4-1 |
| 12. | | All concrete pole foundations have set for at least 3 days prior to pole installation, except for Types J, K, Q and R which will set for 7 days, or as approved by the Engineer. | Standard Specifications 731-3.01 Traffic Signals and Lighting Standard Drawings T.S. 4 4-1 |
| 13. | | Non-shrink grout is used to fill in the block out at the top of the foundation. | Traffic Signals and Lighting Standard Drawings T.S. 5 5-3 |
| 14. | | Break-away bases have been installed and torqued in conformance with the manufacturer's requirements. | Standard Specifications 731-3.02 |
| 15. | | Poles have been drilled and tapped for mounting hardware in conformance with the details. | Standard Specifications 731-3.02 |
| 16. | | Poles have been plumbed to vertical after installation of mast arms, signal heads and luminaries. | Standard Specifications 731-3.02 |
| 17. | | On Type "2" and Type "3", the adaptor plate is installed. | Traffic Signals and Lighting Standard Drawings T.S. 5 5-2 Traffic Signals and Lighting Standard Drawings T.S. 5 5-1 |
| 18. | | Wood poles are set in the ground to a depth of at least six feet. | Standard Specifications 731-3.02 |
| 19. | | Backfill of wood poles is free of large rocks and debris and placed in layers not more than six inches before compaction. | Standard Specifications 731-3.02 |
| 20. | | All fused and unfused connectors are installed in conformance with the manufacturer's requirements. | Standard Specifications 732-3.02 (A) Traffic Signals and Lighting Standard Drawings T.S. 1 1-4 |
| 21. | | Conductors conform to specified requirements in the Standard Specifications Conductor Table. | Standard Specifications 732-2.01 (A) |
| 22. | | The Photo Electric Control (PEC) has been installed as required. | Standard Specifications 736-2.01 (D)(1) |
| 23. | | Maintenance Unit (MU) decal numbers have been installed as required. | Special Provisions 924-1 |
| 24. | | All lighting circuits have been energized for 100 hours prior to final acceptance. | Standard Specifications 732-3.02 (D)(2) |
| 25. | | Up-shields have been installed, as required. | Standard Specifications 730-1 |
| 26. | | All changes are approved by the Engineer. | Standard Specifications 104.02 Standard Specifications 730-4 |
| 27. | | All changes are documented by the Contractor, Inspector daily diary, and noted in the as-built plans. | Construction Bulletin 09-04 |

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| 28. | | The Engineer has verified lighting circuits are staggered and are on the proper numbered circuit breaker. | Standard Specifications 730-1 |
| 29. | | Quantlist Minimum Frequency is being followed, one per week. | Construction Bulletin 07-01 |