

LADOT RESTORATION TRAFFIC SIGNAL PLANS DESIGN REVIEW CHECKLIST

| DRAWING AND DESIGN ITEM | | LEVEL OF COMPLETION | | | |
|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | 30% | 60% | 85% | 100% |
| DRAFTING | | | | | |
| 1 | Conform to Drafting Guidelines and Plan Format per latest LADOT's "Final Drafting Manual - Drafting Standards for Striping and Signal Plans" and "Traffic Signal Plan Sample" as found on LADOT's Plan Review Reference Library** | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2 | Project Title above Title Block | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3 | Intersection Name; Sheet Number; LADOT Signature Box: Reviewed by Transportation Engineer and Accepted by Senior Transportation Engineer; Reference Information (References and District) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4 | Project Number (Provided by LADOT) and Drawing Number | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5 | North Arrow oriented per drafting standard | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6 | Plan Scale (1" = 20') | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7 | Consulting Engineer's signature block includes name, signature, date, registration number, address, phone number, LA Business Tax Registration Number. Ensure all submittals contain Engineer of Record (EOR)'s Civil and Traffic Stamps | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 | Submittals shall be signed by EOR | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 | Title Sheet including but not limited to: latest Notice to Contractor, Legend, Abbreviations, Interconnect Key Map, and Vicinity Map | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 | Show existing, proposed, and removal striping, pavement markings, and signs and posts | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 | Identify land use | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12 | Identify Property Lines, Project Limits, and Right-of-Way (R.O.W.) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13 | Show nearby underground utilities, sub-structures, basements, and vaults (associated with the after condition), In addition, show nearby above-ground structures (including bus shelters), above-ground cable, and permanent street furniture (associated with the after condition). | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14 | Show proposed civil improvements such as Street Widening, Raised Median, Curb Returns (CR) and Ramps, Sidewalks, Driveway, Bridge/Viaduct Columns, etc. Also, show dimensions on the design and existing Streetscape which pertains to traffic elements including but not limited to Street, Roadway, Median, Curb, Sidewalk, Crosswalk, and Curb Return (CR) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| AS-BUILT (BASE) VERIFICATION | | | | | |

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|-----------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 15 | Use of Latest LADOT and Civil base including existing current field-verified as-built conditions | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 16 | Field verify and show existing field conditions at least 50 feet of each leg of the intersection and all intersections or functions operated by the same controller including but not limited to: striping, signs, markings, curbs, driveways, curb zones, access ramps, trees, catch basins, service power poles, pull boxes, manholes, street lighting, service cabinets, vaults, any traffic signal equipment, and any other above-ground and underground features (substructures) that may affect design. (See "Traffic Signal Design Guidelines" for detailed information) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17 | Verify field photos and any field note | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| DESIGN | | | | | |
| 18 | Conform to Design Standards and Guidelines per latest "CA Manual on Uniform Traffic Control Devices" (CA MUTCD), LADOT's Manual of Policies and Procedures Section 521 "Traffic Signal Design Guidelines", LADOT's Red Book - Special Provisions and Standard Drawings for the installation and Modification of Traffic Signals", "City of Los Angeles Supplement Street Design Guide", and other guidelines and samples as found on LADOT's Plan Review Reference Library** | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 19 | Show existing or proposed Signal Phasing in the Phase Diagram | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 20 | Label both existing and proposed signal equipment and fill out the Signal Standard Schedule | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 21 | Incorporate Preemption Notes and special equipment including but not limited to Predictor and LRT detectors in the design of complex intersections such as traffic signals near highway-rail grade crossings | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 22 | Provide a list of salvage material and equipment in the Estimated Salvage Material To Be Return To LADOT block | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 23 | Fill in the Conductor Schedule | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 24 | Provide ATSAC Interconnect Plan, Video Fiber Infrastructure Plan, LRT Loop Detectors & Predictor Plan, and Railroad Preemption Interconnect Wiring Diagram if applicable | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 25 | Cross-check other engineering disciplines including but not limited to civil, structural, sub-structural, utility, and landscape to ensure there is no conflict | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 26 | Coordinate with elected officials, other departments, Government Agencies, and Shared Jurisdictions (BOE, BSL, BSS, BOS, DWP, Caltrans, LA County, etc.) for plan reviews and permitting process | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 27 | Meet all requirements for each level of completion at the submittal, address all comments from the previous submittal, and submit a comment-resolution matrix at each submittal after 30% level of completion | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| SUPPORTING DOCUMENTS | | | | | |

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| 28 | Provide supporting traffic design documentation including but not limited to Final EIR and addendum | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 29 | Copy of preliminary street improvement plan, street lighting plan, landscaping plan, and other civil improvement plans which may influence the design | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 30 | Dated field photos of current conditions with photo keymap. (Google street view images are not accepted) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 31 | Copy of substructure plan for reference if there is foundation work on traffic signals | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

** Reference materials can be requested during the pre-submittal meetings or downloaded from LADOT's Reference Library website - <https://ladot.lacity.org/businesses/temporary-traffic-control-plans/reference-library>