

GENERAL

1. Any work above ground requires a Burbank Street Use Permit.
2. Any work below ground requires a Burbank Excavation Permit.
3. Call 818-238-3915 to obtain an Engineers's approval for traffic work.
4. Call 818-238-3977 for inspection of traffic signs and marking work.
5. Call 818-238-3973 for inspection of traffic signal work.
6. Call 818-238-3953 for configuration of any traffic signal device.

TRAFFIC SIGNS

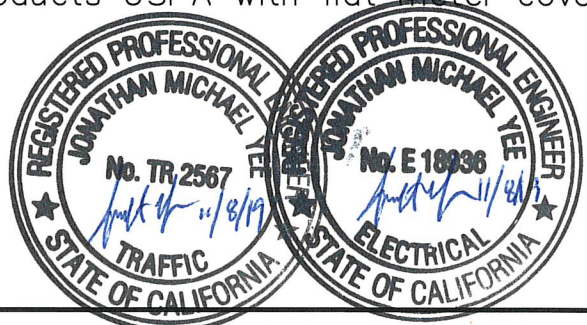
1. Sign panels must be aluminum sheeting, alloy 6061-T6 or 5052-H38.
2. Signs must be 0.080" thick. If less than 8 sqft, signs may be 0.063".
3. Signs must use 3M 4000DG retroreflective sheeting.
4. Signs mounted 15 feet or less must use 3M 1160 overlay film.
5. Strap and saddle installations shall use brackets with flat/straight legs.
6. Post mounted signs must be per Burbank Std Plan BT-412-1 & BT-413-1.
8. Mast arm mounted signs must be per Caltrans Std Plan ES-7N.
9. Mast arm mounted RSNS must be per LADOT Std Plan S-457.0.

TRAFFIC STRIPING AND MARKINGS

1. Striping and markings shall be thermoplastic.
2. Crosswalks must be installed per Burbank Std Plan BT-409A-1.
3. Turn arrows must be installed per Burbank Std Plan BT-410-1.
4. Stop lines and markings must be installed per Burbank Std Plan BT-411-1.

TRAFFIC SIGNALS

1. Meet the latest Caltrans Standard Specifications unless noted below.
2. Pull boxes must be Armorcast, Oldcastle, or Quazite FRP.
3. Signal cable must Falcon 11LA14A28, 1114A12, 1114A9, 11LA14A5, 11LA14A3.
4. Signal cable splice connectors must be King Tan/Gray or IDEAL 451/452/454
5. Loop detector cable must be Falcon Fine Wire 11LA18B4PIS-0.
6. Loop wire must be Caltrans Type 2.
7. Loop splice connectors must be King Yellow/Blue or IDEAL 60/61/62/64
8. Video camera cables must be Omnicable A11403-BWG and Belden 8281.
9. Electrical tape must be 3M Scotch Vinyl 35.
10. Electrical tape coating must be 3M Scotchkote FD.
11. Service cabinets must be Pacific Utility Products USPA with flat meter cover.



CITY OF BURBANK – PUBLIC WORKS DEPARTMENT

REVIEW	INITIAL	DATE	TRAFFIC REQUIREMENTS	STANDARD PLAN
	<i>AM</i>	11/8/19		
			PUBLIC WORKS DIRECTOR	SHEET 1 OF 1

TRAFFIC SIGNALS (continued)

12. Traffic controller units must be Model 2070 with 1E, 2E, 4A modules and McCain 2033 software.
13. Traffic cabinets must be Model 332L with Reno A&E C-1100SS loop sensor units, EDI 2010ECLip conflict monitor units, Dialight CL2-CF-TC2 lights, and HESCO HE1750TEES surge protection.
14. Battery backup systems must be Clary SP1250LX-N, SPO-09A2, SPD-302C, OP72D with SP-19N1 battery pack, and CBS-127 cabinet.
15. All vehicle indications must be 12", GE DR6 VLA series.
16. All pedestrian indications must be GE PS7-CFF1-VLA.
17. Accessible Pedestrian Signals must be Polara iCCU-C, iN2-150WPS-C, iN2-ICB-C, iN2-C4CABLE-C, and iN250N0-B.
18. Push button plates must be Type B per Caltrans Std Plan ES-5C. Signs must be R10-3 for pedestrians, R10-4 for bicycle or equestrian, or R10-25 for flashing beacon. Push buttons must be Polara BDL3-G.
19. Fixed video cameras on mast arms must be Iteris RZ4AWDR.
22. Pan-tilt-zoom cameras on poles must be Cohu 4261-1000-0012.
23. Video encoders must be Axis Q7424-R, T8006 PS12, and T91A03 DINrail.
24. Ethernet switches must be Cisco IE-2000-8TC-G-B, PWR-IE65W-PC-AC, STK-RACKMNT-2955, with two GLC-LH-SM modules.
25. Power distribution strips must be Tripp Lite ISOBAR8ULTRA.
26. Fiber optic cable must be Corning Altos Loose Tube, Gel Free.
27. Fiber distribution units must be Corning SPH-01P-DIN, SPH-DIN-KIT, SPH-01P-JMPR-BKT, CCH-CP12-59P03RH.
28. Conduit between pull boxes must be schedule 80, non-metal, and 3 inches.
29. Conduit stubouts must be schedule 80, non-metal, and 2 inches.
30. Signal housings and full circle visors must be metal, powder coated, and gloss black.
31. Signal backplates must be 5", louvered, metal, powder coated, and flat black.
32. Loop detector sealant must be Hot-Melt Rubberized Asphalt.
33. Perform preliminary striping layout prior to loop detector installation.
34. Stopline detectors must be installed per Burbank Std Plan BT-415-1.
35. Advance detectors must be Type E per Caltrans Std Plan ES-5B.
36. Foundations must be installed per Caltrans Standard Plans and Specifications.
37. Power pole risers must be installed per Burbank Std Plan S-733B.



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REVIEW	INITIAL	DATE	TRAFFIC REQUIREMENTS		STANDARD PLAN
	<i>JMY</i>	11/8/19	APPROVED BY:	<i>Jonathan Weeks</i>	BT-408-2
				11/14/19	SHEET 2 OF 2
			PUBLIC WORKS DIRECTOR	DATE	