

El Cajon Boulevard Median # M-18 [Cover Page & Summary]

This median strip is located on El Cajon Boulevard between: 33rd Street - and - 34th Street

* These documents and associated files are for continued use - ample work space is provided and aerial views supplied.

Notes:

Ten (10) tree spaces relatively evenly spaced. No trees missing.

Ten (10) trees with old incandescent decorative lighting installed and partially working.

This median is constructed in similar fashion to median numbers 17, 19, 20 & 21 and appears to be wired similarly.

High and low voltage power supplies working and controlled by off-site control. Breakers located north side of El Cajon Blvd on Swift Avenue, east sidewalk.

Most low voltage connection boxes at tree bases visually appear serviceable with minimum repairs.

The "pig tails" to ALL trees need upgrading for operation and safety reasons. All exposed wiring is showing signs of weathering and age as older plastics breakdown in sunlight.


Weed Eater damage is extensive - look for better future cabling option that can take this type of normal wear and tear.

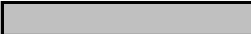
Low voltage transformers located in below ground moisture resistant enclosures in good condition.


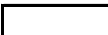
Legend Key for Sub Section Page 3 - "Electrical Infrastructure Diagram for Decorative Lighting"

 Black = Road surface.

 Dark Gray = Concrete structure of the median base and curbs above street level.

 Medium Gray = Foliage and/or open earthen areas within the median strip for planting.

 Light Gray = Tree or a place where a tree should be for lighting infrastructure purposes with a tree designation number.

 or  Blocked White Box = Descriptor of tree lighting infrastructure item.

El Cajon Boulevard Median # M-18 [Top View - Overall Aerial with Intersections and Views]

33rd Street

34th Street

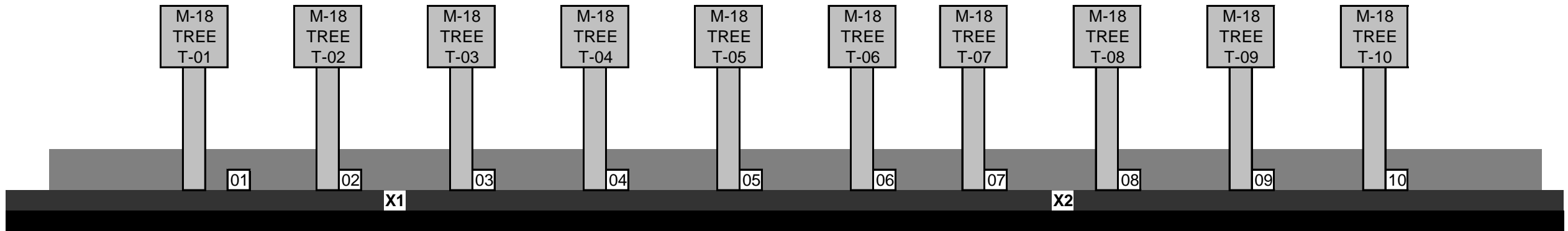


El Cajon Boulevard Median # M-18 Electrical Infrastructure Diagram for Decorative Lighting

33rd Street

< West [Side View facing North - Planted Areas Only] East >

34th Street



Median Decorative Lighting Electrical Infrastructure Inventory:

Ln	Tree/Item	Description	Item Location	Condition	Lights*	Electrical Reference Value or Type	Feeder	Workable Parameter and Notes	
1	T-01 & 01	Tree & Connection Box	4' ENE of T-01	Appears serviceable	YL	Low Voltage Connection Box 01	X1 - Sec	12V operational at LV box	
2	T-02 & 02	Tree & Connection Box	2' NNE of T-02	Appears serviceable	YL	Low Voltage Connection Box 02	X1 - Sec	12V operational at LV box	
3	X1	Low Voltage Transformer	10' E of T-02	Appears serviceable		12V AC Transformer at 250W (x 1)	Breaker located N side of El Cajon/NE corner of Swift		
4	T-03 & 03	Tree & Connection Box	2' N of T-03	Appears serviceable	YL	Low Voltage Connection Box 03	X1? X2?	12V operational at LV box	
5	T-04 & 04	Tree & Connection Box	1' N of T-04	Appears serviceable	NL	Low Voltage Connection Box 04	X1? X2?	12V unknown at LV box; cable damaged	
6	T-05 & 05	Tree & Connection Box	1.5' N of T-05	Appears serviceable	NL	Low Voltage Connection Box 05	X1? X2?	12V unknown at LV box; cable damaged	
7	T-06 & 06	Tree & Connection Box	2' N of T-06	Appears serviceable	NL	Low Voltage Connection Box 06	X2 - Sec _?	12V unknown at LV box	
8	T-07 & 07	Tree & Connection Box	1.5' N of T-07	Appears serviceable	NL	Low Voltage Connection Box 07	X2 - Sec _?	12V unknown at LV box	
9	X2	Low Voltage Transformer	15' E of T-07	Appears serviceable		12V AC Transformer at 250W (x 2)	Breaker located N side of El Cajon/NE corner of Swift		
10	T-08 & 08	Tree & Connection Box	1' N of T-08	Appears serviceable	NL	Low Voltage Connection Box 08	X2 - Sec _?	12V unknown at LV box	
11	T-09 & 09	Tree & Connection Box	1' N of T-09	Damaged	NL	Low Voltage Connection Box 09	X2 - Sec _?	12V unknown at LV box	
12	T-10 & 10	Tree & Connection Box	2' N of T-10	Appears serviceable	NL	Low Voltage Connection Box 10	X2 - Sec _?	12V unknown at LV box; cable damaged	
13									
14									
15	Note X1 has 1 transformer in the enclosure at 12 volt, 21 amp and 250 watts on secondary with an input rating at 120 volts at 5.2 amps and load circuits undetermined.								
16	Note X2 has 2 transformers in the same enclosure at 12 volt, 21 amp and 250 watts on secondary with each input rating at 120 volts at 5.2 amps and load circuits undetermined.								
17	* NL = strung with lights not lit; YL = strung with working lights; None = not strung with lights								

El Cajon Boulevard Median # M-18 [Top View - Planted Areas Only]

33rd Street

34th Street

