

16) **Approval of FY23/24 Rates with the County of Riverside for Maintenance of City Traffic Signals and Safety Lighting**

Approve the FY 23/24 rates for the County of Riverside Transportation Department (County) Agreement for Traffic Signal and associated hardware maintenance, emergency call-out services, and inventory of City traffic signal equipment maintained by the County.



## REPORT TO CITY COUNCIL

**To:** Honorable Mayor and Members of the City Council

**From:** Jason Simpson, City Manager

**Prepared by:** Rick De Santiago, Public Works Manager

**Date:** December 12, 2023

**Subject:** Approval of FY23/24 Rates with the County of Riverside for Maintenance of City Traffic Signals and Safety Lighting

### **Recommendation**

Approve the FY 23/24 rates for the County of Riverside Transportation Department (County) Agreement for Traffic Signal and associated hardware maintenance, emergency call-out services, and inventory of City traffic signal equipment maintained by the County.

### **Background**

On March 9, 2015, the agreement for the maintenance of traffic signals and safety lighting between the County of Riverside Transportation Department and the City was executed. Since this time, the County has maintained the City's traffic signals effectively and promptly. In addition, the Agreement's provisions provide emergency call-out services as may frequently occur due to accidents, traffic collisions, and resulting damage to signals and equipment. The County has provided these services in a timely and effective manner.

The City is responsible for operating and maintaining 45 traffic signals and associated equipment in whole or jointly with neighboring jurisdictions. The shared signals have cost-sharing agreements for operation and maintenance. The remaining traffic signals are maintained solely by the City.

### **Discussion**

In order to continue providing excellent service, the County is requesting an increase in labor rates. At the City's request, the County is performing an inventory of signals and equipment for

## County of Riverside Agreement for Maintenance of City Traffic Signals

Fiscal Year 2024/25. The inventory will include recommendations for preventative maintenance and replacement of older equipment to reduce the system's cost.

### **Fiscal Impact**

Funds are budgeted in the FY23-24 Annual Operating Gas Tax Budget.

### **Attachments**

Attachment 1 - Agreement

Exhibit A - Locations List

Exhibit B – Rate Sheet

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

913 A



**FROM:** TLMA – Transportation Department

**SUBMITTAL DATE:**  
March 9, 2015

**SUBJECT:** Agreement for Maintenance of Traffic Signals and Safety Lighting Between the County of Riverside and the City of Lake Elsinore. 1<sup>st</sup> District; [\$0]

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the attached agreement between the City of Lake Elsinore and the County of Riverside wherein the County of Riverside will provide maintenance of traffic signals and safety lighting for locations owned by the City of Lake Elsinore; and
2. Authorize the Chairman of the Board to execute the same.

**BACKGROUND:**

**Summary**

The County of Riverside (County) has an existing Agreement for Maintenance of Traffic Signals and Safety Lighting with the City of Lake Elsinore (City), which was executed by the County Board of Supervisors on April 8, 2003, Agenda Item 3-35. The City requested that the agreement be updated.

  
Patricia Romo  
Assistant Director of Transportation

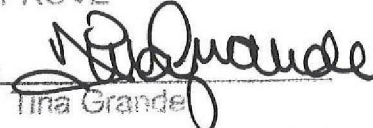
  
Juan C. Perez  
Director of Transportation and Land Management

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
<b>COST</b>	\$ 0	\$ 0	\$ 0	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0	

**SOURCE OF FUNDS:** City of Lake Elsinore 100%. There are no General Funds used in this project. **Budget Adjustment:** No  
**For Fiscal Year:** 2015/2016

**C.E.O. RECOMMENDATION:**

APPROVE

BY:   
Tina Grande

**County Executive Office Signature**

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Benoit, seconded by Supervisor Washington and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Washington, Benoit and Ashley  
Nays: None  
Absent: Tavaglione  
Date: May 19, 2015  
xc: Transp.

Keqia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

**Prev. Agn. Ref.:** 4/8/03, Item 3-35

**District:** 1

**Agenda Number:**

3-30



**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**  
**FORM 11:** Agreement for Maintenance of Traffic Signals and Safety Lighting Between the County of Riverside and the City of Lake Elsinore. 1<sup>st</sup> District; [\$0]

**DATE:** March 9, 2015

**PAGE:** 2 of 2

**BACKGROUND:**

**Summary (continued)**

The original 2003 agreement contained a list of 13 signals to be maintained by the County Transportation Department. This agreement provides the terms and conditions whereby the County will provide routine maintenance work and emergency call-out service on 41 traffic signals within the City, and it provides for the ability to add like facilities, subject to approval by the County Director of Transportation and Land Management and the City Director of Public Works. The County will also provide routine maintenance work and emergency call-out service on highway safety lighting, flashing beacons, and other electrically operated traffic control or warning devices. The City will reimburse the County for the cost to perform this service.

This agreement was approved by the Lake Elsinore City Council at their December 9, 2014, council meeting.

**Impact on Residents and Businesses**

This agreement will provide efficient maintenance and response time to the traffic signals and safety lighting installations in the City.

**Contract History and Price Reasonableness**

N/A

1 AGREEMENT FOR  
2 MAINTENANCE OF TRAFFIC SIGNALS  
3 AND SAFETY LIGHTING

4 This AGREEMENT is entered into between the City of Lake Elsinore (hereinafter referred to as CITY)  
5 and the County of Riverside (hereinafter referred to as COUNTY) for maintenance by County  
6 Transportation Department of traffic signals and highway safety lighting installations located within the  
7 CITY.

8  
9 IT IS HEREBY AGREED AS FOLLOWS:

10 1. COUNTY, through its Transportation and Land Management Agency, Transportation Department,  
11 shall provide routine maintenance work and emergency call-out service on traffic signals, highway safety  
12 lighting, flashing beacons, and other electrically operated traffic control or warning devices at the  
13 location(s) described in Appendix A, attached hereto and incorporated by this reference. In providing  
14 said maintenance, COUNTY shall perform the following: Inspect the signal system and clean the control  
15 cabinet every six (6) weeks; re-lamp and clean signal heads, as needed; re-lamp and clean internally  
16 illuminated street name signs, as needed; re-lamp safety lights, as needed.

17 2. COUNTY will provide emergency call-out service on traffic signals, highway safety lighting, flashing  
18 beacons, and all other electrically operated traffic control or warning devices within three (3) hours of  
19 notification by authorized representatives such as police or by the CITY.

20 3. CITY shall pay COUNTY for the cost of this routine maintenance, repairs and emergency service,  
21 including all COUNTY cost for wages, benefits, transportation, materials and administrative accounting  
22 for all CITY location installations serviced by COUNTY based on the rates set forth in Appendix B,  
23 attached hereto and incorporated by this reference. Appendix B shall be updated annually by COUNTY to  
24 cover changes in labor and equipment rates, or more frequently as needed should a change in negotiated  
25 labor rates occur. COUNTY shall issue a revised Appendix B no later than July 30 of each fiscal year for

1 the rates effective for that fiscal year (July 1 – June 30), or within two (2) weeks of any other interim  
2 update. The fiscal year update shall be effective as of the first day of the fiscal year; any interim update  
3 shall be effective upon two (2) weeks' notice to CITY

4 4. Records for the work provided under this Agreement shall be kept by COUNTY and shall include the  
5 cost of services performed. Billing shall be submitted monthly to CITY and shall include a monthly  
6 itemized accounting of all cost and services.

7 5. CITY shall submit in writing any dispute with regard to COUNTY billing within thirty (30) working  
8 days after the receipt of such billing. Otherwise, CITY shall pay for services within thirty (30) days after  
9 receipt of billing from COUNTY.

10 6. This Agreement shall become effective thirty (30) days from the date this Agreement is approved by  
11 Minute Order by COUNTY Board of Supervisors. COUNTY will provide City notice of the official  
12 Board action no later than two (2) weeks before the effective date. This Agreement shall remain in force  
13 until terminated by either party upon thirty (30) days written notice to the other party.

14 7. If the COUNTY is of the opinion that any work COUNTY has been directed to perform is beyond the  
15 scope of this Agreement and constitutes Extra Work, COUNTY shall promptly notify the CITY of that  
16 opinion. COUNTY shall be the sole judge as to whether or not such work is in fact beyond the scope of  
17 this Agreement and constitutes Extra Work. However, for the purposes of COUNTY proceeding to  
18 perform the same, this is not intended to deny CITY its civil legal remedies in the event of a dispute. In  
19 the event that CITY agrees that such work does indeed constitutes Extra Work and authorizes COUNTY  
20 to perform the Extra Work, it shall provide extra compensation to COUNTY upon fair and equitable basis  
21 in accordance with COUNTY'S standard rate as described in the attached Appendix B.

22 8. Subject to further agreement of the parties acknowledged in writing by COUNTY'S Director of  
23 Transportation and Land Management Agency, and CITY'S Director of Public Works, facilities of like  
24 nature may be added hereto or deleted herefrom without further review by either the Board of Supervisors  
25



of COUNTY or City Council of CITY. Such letters of agreement shall become part of Appendix A of this Agreement upon their signature by the respective representatives of the parties.

9. CITY shall indemnify, defend, save and hold harmless COUNTY, its officers, agents, servants and employees of and from any and all liability, claims, demands, debts, damages, suits, actions and causes of action of whatsoever kind, nature or sort, including, but not by way of limitation, wrongful death, personal injury or damage to property, the expenses of the defense of said parties and the payment of attorneys' fees in any such claim or action, arising out of or in any manner connected with activities of CITY or CITY employees.

10. COUNTY shall indemnify, defend, save and hold harmless CITY, its officers, agents, servants and employees of and from any and all liability, claims, demands, debts, damages, suits, actions and causes of action of whatsoever kind, nature or sort, including, but not by way of limitation, wrongful death, personal injury or damage to property, the expenses of the defense of said parties and the payment of attorneys' fees in any such claim or action, arising out of or in any manner connected with activities of COUNTY or COUNTY employees.

11. This Agreement contains the entire agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings or agreements pertaining to the locations stipulated in the attached Appendix A, or added by consent of the parties under Section 8 herein. This Agreement may only be modified in writing, signed by each party.

/ / / / /

/ / / / /

/ / / / /

County of Riverside  
Transportation and Land Management Agency  
Transportation Department  
P.O. Box 1090  
Riverside, CA 92502

City of Lake Elsinore  
130 S. Main Street  
Lake Elsinore, CA 92530

1 Attention: Juan C. Perez  
2 Director of Transportation and  
3 Land Management

Attention: Public Works Manager

4 IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly  
5 authorized representatives on May 19, 20 15.

6 Dated: MAY 19 2015

Dated: 1/20/15

7 COUNTY OF RIVERSIDE

CITY OF LAKE ELSINORE

8 By: Marion Ashley  
Chairman, Board of Supervisors

By: Valerie Goss  
Mayor

9 Attest: Kecia Harper-Ihem  
Clerk of the Board

Attest:

10 By: Virgina Bloom  
Deputy Clerk of the Board

By: Virgina Bloom  
City Clerk

12 Approved as to Form:  
13 Gregory P. Priamos, County Counsel

Approved as to Form:  
Barbara Liebold, City Attorney

14 By: Yousha B. Victor 3/2/15  
15 Deputy County Counsel

By: Barbara Liebold

17 Recommended for Approval:

Approved as to Content:

18 By: Juan C. Perez  
19 Director of Transportation and  
20 Land Management

By: Grant Yates  
Grant Yates  
City Manager

21 RES  
22 9-2014



**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
AUDELO ST/PATRICK CT & GRAND AVE	SG: 1351	COUNTY OF RIVERSIDE	75
Date Energized 12/9/2004	LT:	CITY OF LAKE ELSINORE	25
	FL:		
GRAND AVE & ONTARIO WAY	SG: 1363	COUNTY OF RIVERSIDE	83
Date Energized 12/14/2005	LT:	CITY OF LAKE ELSINORE	17
	FL:		
LINCOLN ST & WESTWIND DR	SG: 7090	CITY OF LAKE ELSINORE	100
Date Energized 1/24/2005	LT:		
	FL:		
CANYON HILL FIRE STATION & RAILROAD CANYON RD	SG: 7098	CITY OF LAKE ELSINORE	100
Date Energized 6/21/2005	LT:		
	FL:		
BROADWAY AVE & GRAND AVE	SG: 7102	CITY OF LAKE ELSINORE	100
Date Energized 8/29/2005	LT:		
	FL:		
CHURCH RD & RAILROAD CANYON RD	SG: 7107	CITY OF LAKE ELSINORE	100
Date Energized 3/16/2006	LT:		
	FL:		
CANYON HILLS RD & MARKET PLACE DWY	SG: 7111	CITY OF LAKE ELSINORE	100
Date Energized 5/18/2006	LT:		
	FL:		
LAKESHORE DR & VISCAYA RD	SG: 7117	CITY OF LAKE ELSINORE	100
Date Energized 6/21/2006	LT:		
	FL:		
AUTO CENTER DR & FRANKLIN ST	SG: 7126	CITY OF LAKE ELSINORE	100
Date Energized 10/3/2006	LT:		
	FL:		



## APPENDIX A

AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE

CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE



Location		City	% Owned
ARDENWOOD WY & ROSETTA CANYON RD	SG: 7130		
Date Energized 12/28/2006	LT:	CITY OF LAKE ELSINORE	100
	FL:		
ELSINORE HILLS RD & ROSETTA CANYON DR	SG: 7131		
Date Energized 12/28/2006	LT:	CITY OF LAKE ELSINORE	100
	FL:		
ELBERTA RD/HIDDEN TRL & MISSION TRL	SG: 7142	CITY OF LAKE ELSINORE	50
Date Energized 4/28/2011	LT:	CITY OF WILDOMAR	50
	FL:		
LAKE ST & TEMESCAL CANYON RD	SG: 7147	CITY OF LAKE ELSINORE	100
Date Energized 7/5/2007	LT:		
	FL:		
CANYON HILLS RD & COTTONWOOD CANYON RD	SG: 7158	CITY OF LAKE ELSINORE	100
Date Energized 9/11/2007	LT:		
	FL:		
CANYON HILLS RD & HILLSIDE DR	SG: 7159	CITY OF LAKE ELSINORE	100
Date Energized 9/11/2007	LT:		
	FL:		
CORYDON ST & UNION ST	SG: 7196	CITY OF WILDOMAR	50
Date Energized 5/24/2007	LT:	COUNTY OF RIVERSIDE	25
	FL:	CITY OF LAKE ELSINORE	25
CORYDON ST & PALOMAR ST	SG: 7197	CITY OF WILDOMAR	50
Date Energized 8/31/2006	LT:	CITY OF LAKE ELSINORE	50
	FL:		
MALAGA RD & MISSION TRL	SG: 7200	CITY OF WILDOMAR	25
Date Energized 6/26/1995	LT:	CITY OF LAKE ELSINORE	75
	FL:		



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INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
ALBERHILL RANCH RD & LAKE ST	SG: 7280	CITY OF LAKE ELSINORE	100
Date Energized 11/17/2009	LT:		
	FL:		
LAKE ST & NICHOLS RD	SG: 7281	CITY OF LAKE ELSINORE	100
Date Energized 12/28/2009	LT:		
	FL:		
CANYON HILLS RD & KALANCHOE RD	SG: 7420	CITY OF LAKE ELSINORE	100
Date Energized 1/7/2013	LT:		
	FL:		
MISSION TRL & OLIVE ST	SG: 7476	CITY OF LAKE ELSINORE	50
Date Energized 11/6/2012	LT:	CITY OF WILDOMAR	50
	FL:		
LEMON ST & MISSION TRL	SG: 7477	CITY OF LAKE ELSINORE	50
Date Energized 11/6/2012	LT:	CITY OF WILDOMAR	50
	FL:		
DIAMOND DR & MISSION TRL	SG: 7953	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CASINO DR & DIAMOND DR	SG: 7954		
Date Energized 5/12/2003	LT:	CITY OF LAKE ELSINORE	100
	FL:		
MISSION TRL & TOWN CENTER	SG: 7955	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
LAKESHORE DR & MACHADO ST	SG: 7957	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		



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INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
LINCOLN ST & MACHADO ST	SG: 7958	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
LAKE ST & LAKESHORE DR	SG: 7959	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CHANEY ST & LAKESHORE DR	SG: 7960	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
GRAND AVE & LINCOLN ST	SG: 7961	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CASINO DR/AUTO CENTER DR & MILL ST	SG: 7962	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
RAILROAD CANYON RD & SUMMERHILL DR	SG: 7963	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CANYON HILLS RD & RAILROAD CANYON RD	SG: 7964	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CANYON HILLS RD & LOST RD	SG: 7966	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		
CEDARHILL LN & LOST RD	SG: 7967	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		



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INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location	City	% Owned
CHANEY ST & EDUCATION WAY Date Energized 6/25/2003	SG: 7989 CITY OF LAKE ELSINORE LT: FL:	100
CANYON ESTATES DR & SUMMERHILL DR Date Energized 11/17/2003	SG: 7994 CITY OF LAKE ELSINORE LT: FL:	100
LAKE ST & MOUNTAIN ST Date Energized 12/9/2004	SG: 7998 CITY OF LAKE ELSINORE LT: FL:	100
GRAND AVE & MC VICKER PARK Date Energized 12/9/2004	SG: 7999 CITY OF LAKE ELSINORE LT: FL:	100
LAKE ST & 1585' S OF TEMESCAL CANYON RD Date Energized 5/12/2003	SG: CITY OF LAKE ELSINORE LT: FL: 9912	100
LAKE ST & 2640' S OF TEMESCAL CANYON RD Date Energized 5/12/2003	SG: CITY OF LAKE ELSINORE LT: FL: 9913	100
LOST RD & N OF BAYWOOD ST Date Energized 5/12/2003	SG: CITY OF LAKE ELSINORE LT: FL: 9915	100



## APPENDIX B

### COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

#### TRAFFIC SIGNAL MAINTENANCE RATE SCHEDULE 2014 - 2015

<u>POSITION</u>	<u>HOURLY WAGE</u>	<u>W/BENEFITS &amp; OVERHEAD</u>
Traffic Signal Supervisor	\$46.60	\$110.60
Senior Traffic Signal Tech	\$43.33	\$102.84
Traffic Signal Tech	\$40.22	\$95.46

<u>EQUIPMENT</u>	<u>HOURLY RATE</u>
Signal Aerial truck (AT)	\$59.13
Pick-up ¾ ton (C)	\$17.37

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AUDELO ST/PATRICK CT & GRAND AVE	SG: 1351	COUNTY OF RIVERSIDE	75
Date Energized 12/9/2004	LT:	CITY OF LAKE ELSINORE	25
	FL:		
GRAND AVE & ONTARIO WAY	SG: 1363	COUNTY OF RIVERSIDE	83
Date Energized 12/14/2005	LT:	CITY OF LAKE ELSINORE	17
	FL:		
LINCOLN ST & WESTWIND DR	SG: 7090	CITY OF LAKE ELSINORE	100
Date Energized 1/24/2005	LT:		
	FL:		
CANYON HILL FIRE STATION & RAILROAD CANYON RD	SG: 7098	CITY OF LAKE ELSINORE	100
Date Energized 6/21/2005	LT:		
	FL:		
BROADWAY AVE & GRAND AVE	SG: 7102	CITY OF LAKE ELSINORE	100
Date Energized 8/29/2005	LT:		
	FL:		
CHURCH RD & RAILROAD CANYON RD	SG: 7107	CITY OF LAKE ELSINORE	100
Date Energized 3/16/2006	LT:		
	FL:		
CANYON HILLS RD & MARKET PLACE DWY	SG: 7111	CITY OF LAKE ELSINORE	100
Date Energized 5/18/2006	LT:		
	FL:		
LAKESHORE DR & VISCAYA RD	SG: 7117	CITY OF LAKE ELSINORE	100
Date Energized 6/21/2006	LT:		
	FL:		
AUTO CENTER DR & FRANKLIN ST	SG: 7126	CITY OF LAKE ELSINORE	100
Date Energized 10/3/2006	LT:		
	FL:		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
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ARDENWOOD WY & ROSETTA CANYON RD	SG: 7130	CITY OF LAKE ELSINORE	100
Date Energized 12/28/2006	LT:		
	FL:		

ELSINORE HILLS RD & ROSETTA CANYON DR	SG: 7131	CITY OF LAKE ELSINORE	100
Date Energized 12/28/2006	LT:		
	FL:		

ELBERTA RD/HIDDEN TRL & MISSION TRL	SG: 7142	CITY OF LAKE ELSINORE	50
Date Energized 4/28/2011	LT:	CITY OF WILDOMAR	50
	FL:		

LAKE ST & TEMESCAL CANYON RD	SG: 7147	CITY OF LAKE ELSINORE	100
Date Energized 7/5/2007	LT:		
	FL:		

CANYON HILLS RD & COTTONWOOD CANYON RD	SG: 7158	CITY OF LAKE ELSINORE	100
Date Energized 9/11/2007	LT:		
	FL:		

CANYON HILLS RD & HILLSIDE DR	SG: 7159	CITY OF LAKE ELSINORE	100
Date Energized 9/11/2007	LT:		
	FL:		

CORYDON ST & UNION ST	SG: 7196	CITY OF LAKE ELSINORE	25
Date Energized 5/24/2007	LT:	COUNTY OF RIVERSIDE	25
	FL:	CITY OF WILDOMAR	50

CORYDON ST & PALOMAR ST	SG: 7197	CITY OF LAKE ELSINORE	50
Date Energized 8/31/2006	LT:	CITY OF WILDOMAR	50
	FL:		

MALAGA RD & MISSION TRL	SG: 7200	CITY OF LAKE ELSINORE	75
Date Energized 6/26/1995	LT:	CITY OF WILDOMAR	25
	FL:		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location	City	% Owned
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ALBERHILL RANCH RD & LAKE ST	SG: 7280	CITY OF LAKE ELSINORE	100
Date Energized 11/17/2009	LT:		
	FL:		

LAKE ST & NICHOLS RD	SG: 7281	CITY OF LAKE ELSINORE	100
Date Energized 12/28/2009	LT:		
	FL:		

CANYON HILLS RD & KALANCHOE RD	SG: 7420	CITY OF LAKE ELSINORE	100
Date Energized 1/7/2013	LT:		
	FL:		

MISSION TRL & OLIVE ST	SG: 7476	CITY OF LAKE ELSINORE	50
Date Energized 11/6/2012	LT:	CITY OF WILDOMAR	50
	FL:		

LEMON ST & MISSION TRL	SG: 7477	CITY OF LAKE ELSINORE	50
Date Energized 11/6/2012	LT:	CITY OF WILDOMAR	50
	FL:		

CANYON HILLS RD & SAGE LN	SG: 7492	CITY OF LAKE ELSINORE	100
Date Energized 8/14/2014	LT:		
	FL:		

SUMMERHILL DR & VIA SCENICA	SG: 7495	CITY OF LAKE ELSINORE	100
Date Energized 10/31/2014	LT:		
	FL:		

RAILROAD CANYON RD & TASSEL WAY	SG: 7524	CITY OF LAKE ELSINORE	100
Date Energized 7/31/2019	LT:		
	FL:		

DIAMOND DR & MALAGA DR	SG: 7526	CITY OF LAKE ELSINORE	100
Date Energized 12/5/2016	LT:		
	FL:		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE****CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE**

Location		City	% Owned
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DIAMOND DRIVE & VILLAGE PARKWAY	SG: 7527	CITY OF LAKE ELSINORE	100
Date Energized 2/21/2017	LT:		
	FL:		

MISSION TRAIL & CAMPBELL STREET	SG: 7528	CITY OF LAKE ELSINORE	100
Date Energized 12/5/2017	LT:		
	FL:		

LAKESHORE DR & TERRA COTTA RD	SG: 7539	CITY OF LAKE ELSINORE	100
Date Energized 1/26/2018	LT:		
	FL:		

CENTRAL AVE & DEXTER AVE	SG: 7540	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		

CENTRAL AVE & CAMBERN AVE	SG: 7541	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		

CENTRAL AVE & CONARD AVE	SG: 7542	CITY OF LAKE ELSINORE	75
Date Energized 6/13/2017	LT:	COUNTY OF RIVERSIDE	25
	FL:		

CENTRAL AVE & ARDENWOOD WAY	SG: 7543	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		

CENTRAL AVE & ROSETTA CANYON RD	SG: 7544	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		

CENTRAL AVE & TRELLIS LANE	SG: 7545	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		



**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
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CENTRAL AVE & RIVERSIDE ST	SG: 7546	CITY OF LAKE ELSINORE	100
Date Energized 6/13/2017	LT:		
	FL:		

DIAMOND DRIVE & SUMMERLY PLACE	SG: 7557	CITY OF LAKE ELSINORE	100
Date Energized 4/8/2019	LT:		
	FL:		

COLLIER AVENUE & CRANE AVENUE	SG: 7561	CITY OF LAKE ELSINORE	100
Date Energized 2/11/2019	LT:		
	FL:		

FRANKLIN ST & CANYON ESTATES DR /CAMINO DEL NO	SG: 7575	CITY OF LAKE ELSINORE	100
Date Energized 4/21/2020	LT:		
	FL:		

CHANEY ST & COLLIER AVE	SG: 7592	CITY OF LAKE ELSINORE	100
Date Energized 12/27/2021	LT:		
	FL:		

DIAMOND DR & MISSION TRL	SG: 7953	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CASINO DR & DIAMOND DR	SG: 7954	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

MISSION TRL & TOWN CENTER	SG: 7955	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

LAKESHORE DR & MACHADO ST	SG: 7957	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE****CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE**

Location		City	% Owned
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LINCOLN ST & MACHADO ST	SG: 7958	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

LAKE ST & LAKESHORE DR	SG: 7959	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CHANEY ST & LAKESHORE DR	SG: 7960	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

GRAND AVE & LINCOLN ST	SG: 7961	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CASINO DR/AUTO CENTER DR & MILL ST	SG: 7962	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

RAILROAD CANYON RD & SUMMERHILL DR	SG: 7963	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CANYON HILLS RD & RAILROAD CANYON RD	SG: 7964	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CANYON HILLS RD & LOST RD	SG: 7966	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

CEDARHILL LN & LOST RD	SG: 7967	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL:		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
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CHANEY ST & EDUCATION WAY	SG: 7989	CITY OF LAKE ELSINORE	100
Date Energized 6/25/2003	LT:		
	FL:		

CANYON ESTATES DR & SUMMERHILL DR	SG: 7994	CITY OF LAKE ELSINORE	100
Date Energized 11/17/2003	LT:		
	FL:		

LAKE ST & MOUNTAIN ST	SG: 7998	CITY OF LAKE ELSINORE	100
Date Energized 12/9/2004	LT:		
	FL:		

GRAND AVE & MC VICKER PARK	SG: 7999	CITY OF LAKE ELSINORE	100
Date Energized 12/9/2004	LT:		
	FL:		

PALOMAR ST & RACQUET CLUB WAY 50' E/O	SG:	CITY OF LAKE ELSINORE	100
Date Energized 8/18/2022	LT:		
	FL: 9017		

PALOMAR ST & SILVERWOOD DR 50 E/O	SG:	CITY OF LAKE ELSINORE	100
Date Energized 8/24/2022	LT:		
	FL: 9018		

LAKE ST & TEMESCAL CANYON RD	SG:	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL: 9912		

LAKE ST & TEMESCAL CANYON RD	SG:	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL: 9913		

LOST RD & BAYWOOD ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 5/12/2003	LT:		
	FL: 9915		

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE****CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE**

Location		City	% Owned
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CANYON HILLS RD & SAGE LN	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9966	

CANYON HILLS RD & LOST RD	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9967	

LOST RD & CANYON HILLS RD	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9968	

LOST RD & CEDARHILL LN	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9969	

SUMNER AVE & RILEY ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9970	

SUMNER AVE & KELLOGG ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9971	

HEALD AVE & KELLOGG ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9972	

LAKESHORE DR & MOHR ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9974	

GRAHAM AVE & LEWIS ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL:	9975	

**APPENDIX A****AGREEMENT FOR TRAFFIC SIGNAL AND HIGHWAY SAFETY LIGHTING  
INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
AND COUNTY OF RIVERSIDE

Location		City	% Owned
MACHADO ST & ZIEGLINDE DR	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9976		
MACHADO ST & GAYE ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9977		
MACHADO ST & MARCOLESCO ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9978		
MACHADO ST & MARCOLESCO ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9979		
LAKE ST & LAKESHORE DR	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9980		
GRAND AVE & BROADWAY ST	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9981		
SUMMERHILL DR & BELLA VISTA	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9982		
SUMMERHIL DR & VILLA MILANO	SG:	CITY OF LAKE ELSINORE	100
Date Energized 11/25/2015	LT:		
	FL: 9983		
MACHADO ST & PARKVIEW DR	SG:	CITY OF LAKE ELSINORE	100
Date Energized 12/22/2015	LT:		
	FL: 9984		



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INSTALLATIONS MAINTENANCE COST BETWEEN THE**CITY OF LAKE ELSINORE  
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Location	City	% Owned
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MACHADO ST & LE GAYE ST	SG: CITY OF LAKE ELSINORE	100
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Date Energized 12/22/2015

LT:

FL: 9985

CHANEY ST & EDUCATION WAY	SG: CITY OF LAKE ELSINORE	100
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Date Energized 10/17/2017

LT:

FL: 9986

## APPENDIX B

	HOURLY RATES	RATE WITH OVERHEAD AND BENEFITS
Traffic Signal Supervisor	\$ 57.05	\$ 233.33
Assistant Traffic Signal Supervisor	\$ 54.03	\$ 220.98
Senior Traffic Signal Technician	\$ 50.72	\$207.44
Traffic Signal Technician	\$ 47.07	\$ 192.52

### Vehicle rates

Pickups-3/4T	\$41.23
Signal Aerial Lift Truck	\$56.40
Crane Truck	\$306.07
Generator	\$26.82