

**RESIDENTIAL  
STREETLIGHT GAP  
PROGRAM**

Public Safety Committee

May 21, 2024



# Summary

---

- Program created in FY 2022
- Addresses streetlight illumination gaps to improve traffic and pedestrian safety within city limits
  - Neighborhood and residential streets built prior to current streetlight requirements or annexed



# Background

---

## Streetlight Gap Program

- Analyzed 3,292 miles of residential streets
- Identified 4,276 warranted lights based on Unified Development Code requirements
  - 300 ft. minimum and 600 ft. maximum
- \$5.8 million approved
  - \$5.3 million remain
- Goal is to install 200-400 lights a year



**247 lights installed**



**929 authorized**



**16,432 letters to homeowners**



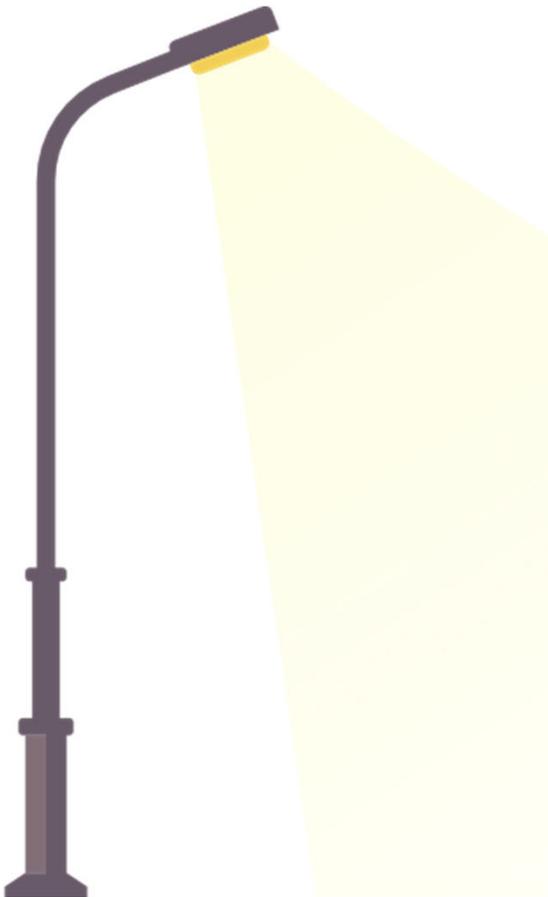
**10 meetings in 10 council districts**

# Program Status Since FY 2022

Council District Street Light Summary

Council District	Existing Lights	Warranted Lights	Lights Authorized	Lights Installed
1	8,690	711	38	27
2	9,493	359	88	31
3	8,136	321	24	29
4	6,571	370	109	26
5	11,549	43	3	0
6	5,762	400	149	18
7	5,831	624	129	34
8	5,334	300	94	48
9	5,089	369	121	13
10	6,547	779	174	21
<b>Total</b>	<b>73,002</b>	<b>4,276</b>	<b>929</b>	<b>247*</b>

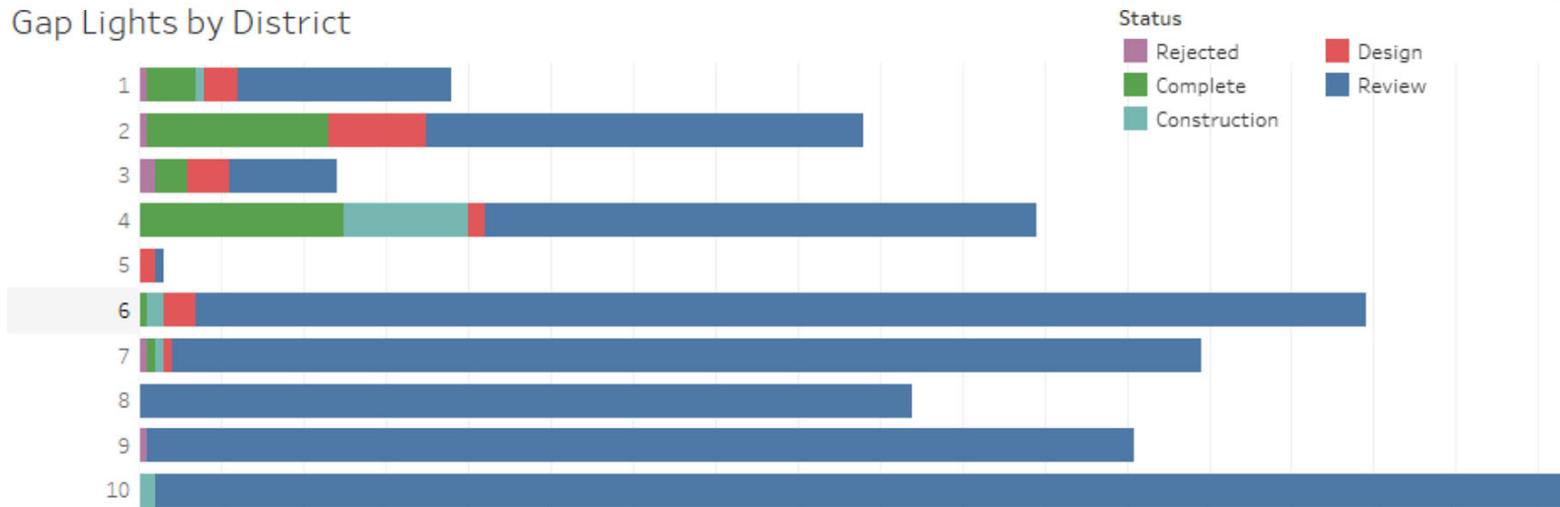
\* Installed 59 in FY 2024



# COSA GAP STREETLIGHT UPDATE FY 2024



Gap Lights by District



Status	Council Districts										Grand Total
	1	2	3	4	5	6	7	8	9	10	
Review	26	53	13	67	1	142	125	94	120	172	813
Design	4	12	5	2	2	4	1				30
Rejected	1	1	2				1		1		6
Construction	1			15		2	1			2	21
Complete	6	22	4	25		1	1				59
<b>Grand Total</b>	<b>38</b>	<b>88</b>	<b>24</b>	<b>109</b>	<b>3</b>	<b>149</b>	<b>129</b>	<b>94</b>	<b>121</b>	<b>174</b>	<b>929</b>

Anticipated Timeline	Design	Construction
Front-lot Underground (no easements)	1 month	2 months
Other jobs requiring easements	3 months+	3 months+



# Solar Streetlight Pilot Program



- DSD and CPS Energy working on a Solar Pilot Program
  - Does not need easements
  - Can be place in city right-of-way
  - Pilot locations:
    - 1 in District 1 – Installed
    - 2 in District 2 – Installed
    - 1 in District 4 – Installed
- CPS Energy to verify field test results ensuring minimum standards are met
  - Feedback on performance review/comparison
    - Similar output lumens and color to existing residential streetlights
    - Light will stay on all night at full intensity

# Process

---

## Streetlight Authorization Process (13 month)

<b>DSD Sends Letters to Homeowners</b>	<b>1 month</b>	<b>6 months</b>	<b>3 months</b>	<b>3 months</b>
Homeowner in favor of streetlight installation	DSD authorizes lights	CPS Energy obtains easements	CPS Energy begins design	CPS Energy construction and installation





# Next Steps

---

- CPS Energy, with third party contractor Dalkia, to continue installation at authorized locations:
  - Establish easements
  - Design
  - Construction and installation
- Staff will continue with the program until funds are expended
- Discuss further in FY 2025 budget

**THANK YOU!**

**Michael Shannon, PE, CBO - Director**  
[Michael.Shannon@sanantonio.gov](mailto:Michael.Shannon@sanantonio.gov)

