



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

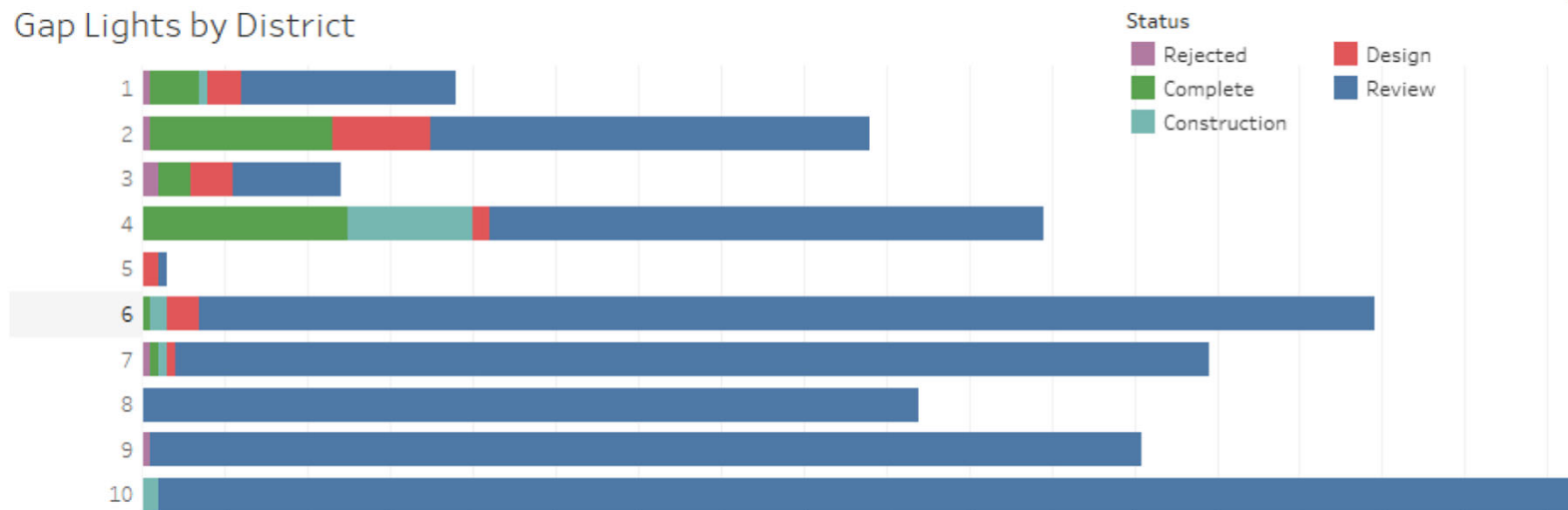
Council District	Existing Lights	Warranted Lights	Lights Authorized	Lights Installed
1	8,690	711	38	27
2	9,493	359	88	31
3	8,136	321	24	29
4	6,571	370	109	26
5	11,549	43	3	0
6	5,762	400	149	18
7	5,831	624	129	34
8	5,334	300	94	48
9	5,089	369	121	13
10	6,547	779	174	21
Total	73,002	4,276	929	247*

* 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
Grand Total	38	88	24	109	3	149	129	94	121	174	929

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)

DSD Sends Letters to Homeowners	1 month	6 months	3 months	3 months
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!

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