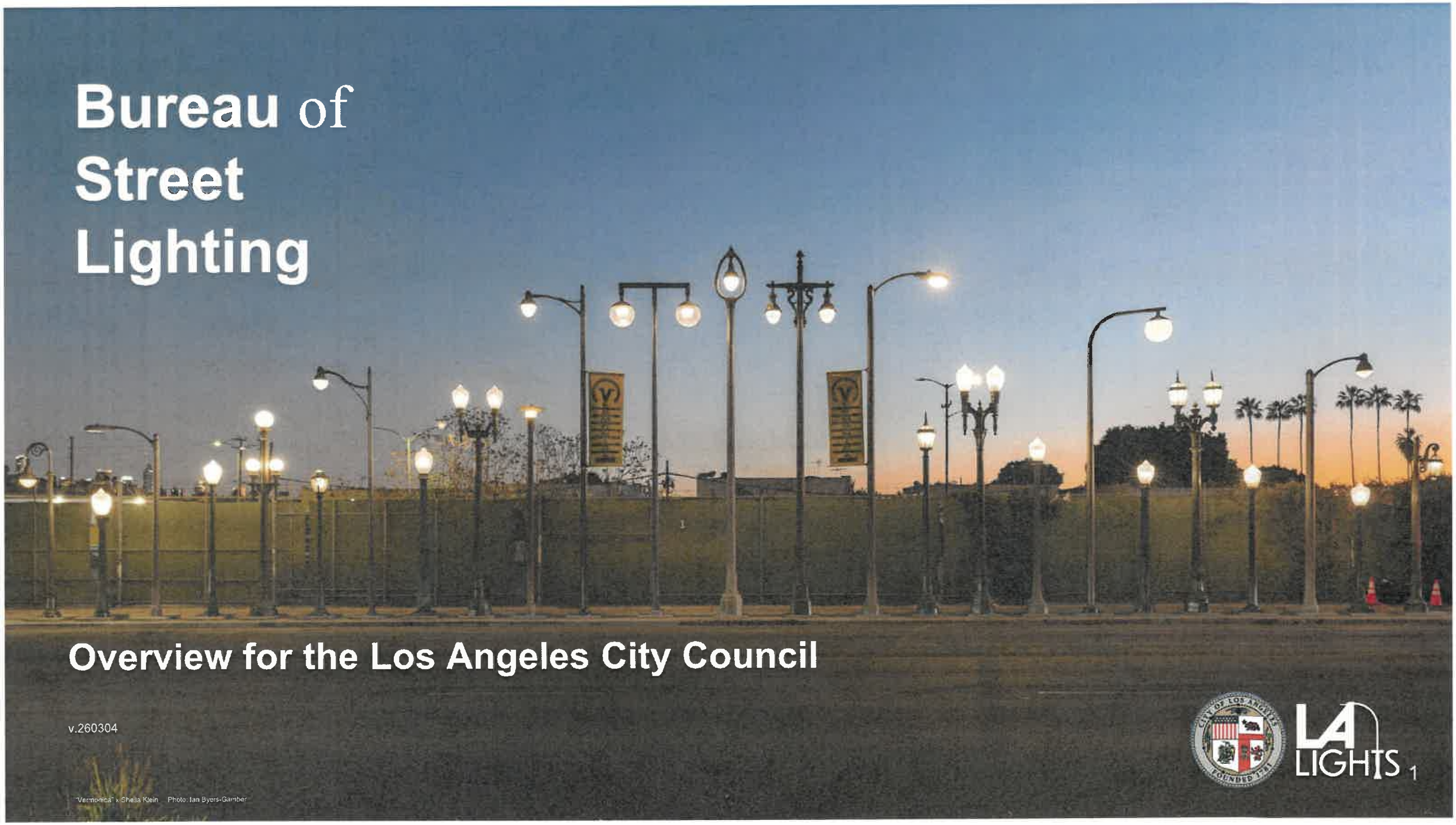
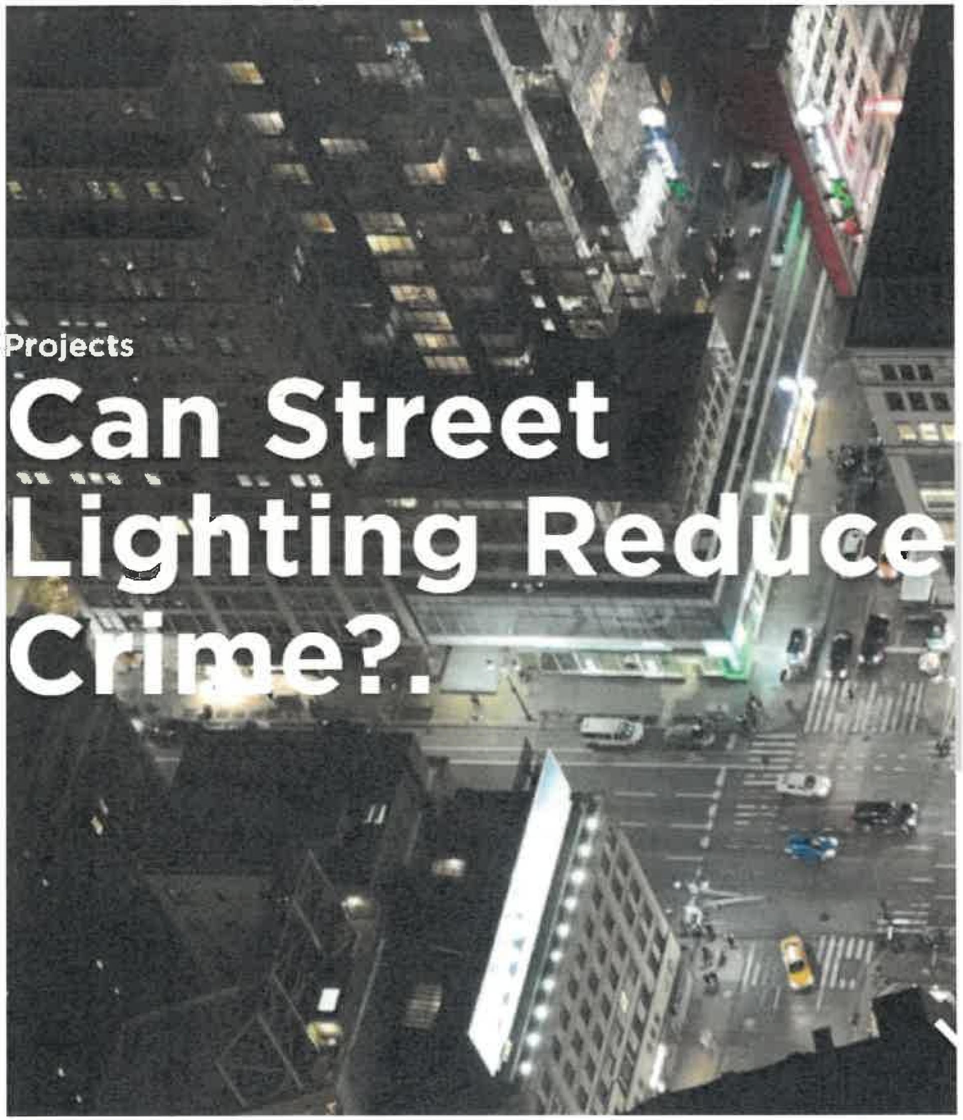

Bureau of
Street
Lighting
Overview for the Los Angeles City Council
v.260304
"Vermonica" x Sheila Klein Photo: Ian Byers-Gamber
CITY OF LOS ANGELES FOUNDED 1781
LA LIGHTS
1

Bureau of Street Lighting

Mission	To Light the way for Los Angeles			
Vision	We build, operate, and maintain world-class systems that deliver limitless benefits to our neighborhoods			
Values	People	Integrity	Innovation	Performance
Tools	Community Hiring Training Recruiting All Staff Mentoring	Ethical Codes Form 700 Policy Ordinances / Laws Directives Reports	Feedback Pilot Projects Innovation Fund Technology adoption Operational meetings Initiatives (e.g.: Asset Protection)	Annual Reviews Goal Setting Metrics Check-ins Project management Mayor / City Goals

Strategic Planning & Execution

Results and Feedback



Bright Lights, Safe Nights

UCHICAGO URBANLABS

The lights study found that the developments that received new lights experienced crime rates that were significantly lower than would have been the case without the new lights. Among other findings, the study concluded that increased levels of lighting led to a 36% reduction in "index crimes" — a subset of serious felony crimes that includes murder, robbery and aggravated assault, as well as certain property crimes — that took place outdoors at night in developments that received new lighting, with an overall 4% percent reduction in index crimes.

LA LIGHTS

The Bureau of Street Lighting Today

Responsible for the operation and maintenance of over 220,000 streetlights throughout the City – half a billion dollars of investment in poles alone – with over 400 distinct styles

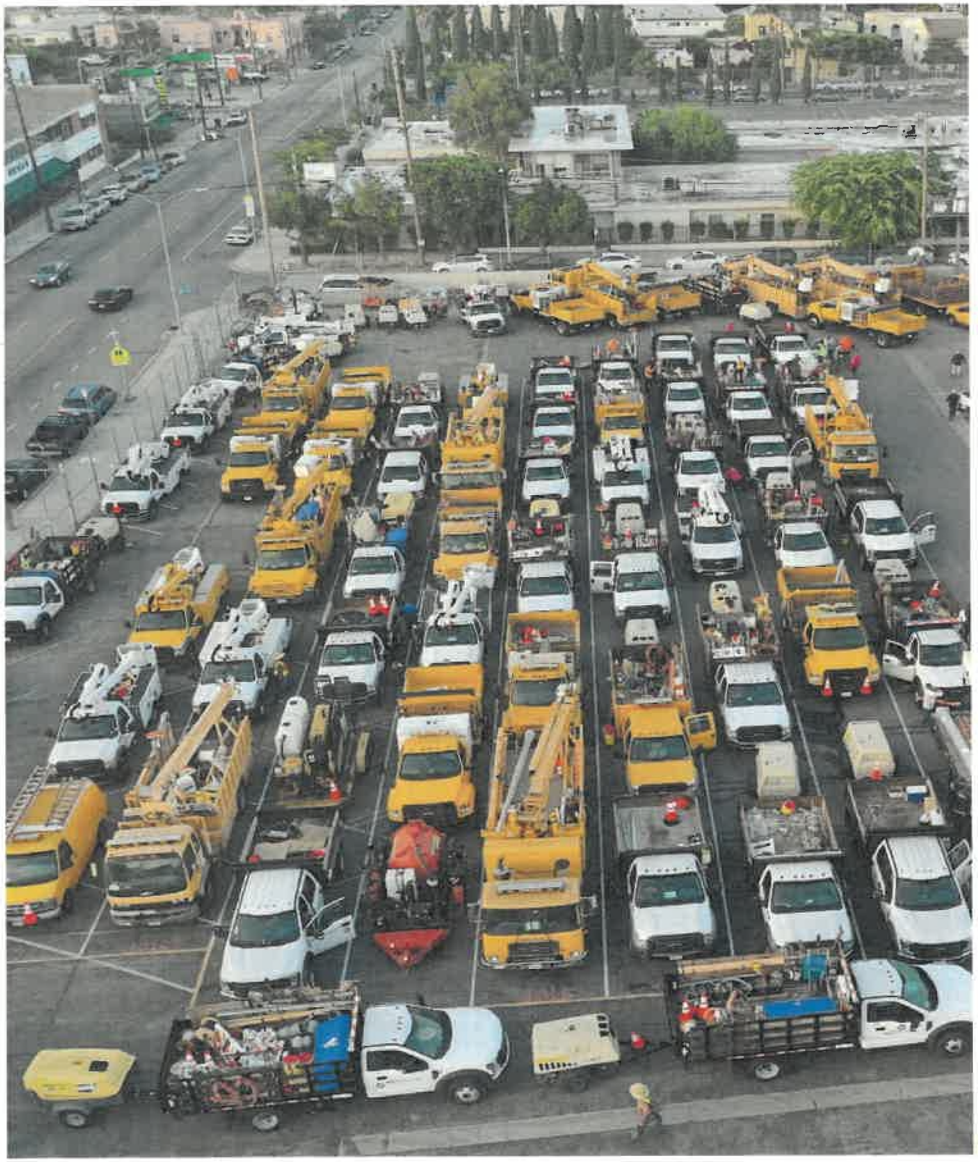
- Pole Replacement (older than 75 yrs)
- Fixture / Luminaire / LED Replacement (every 10 yrs)
- Conduit Replacement (As needed and every 50 yrs)

Approximately ⅔ of the City's street are illuminated –4,500 miles. More than 9,000 miles of conduit with 27,000 miles of copper wires

Half a million access points via handholes and pull boxes

One of the first Cities in the world using LED, saving $10M annually, and now deploying other technologies, such as sensors, and battery & solar powered streetlights to combat theft and become more resilient

LA LIGHTS



Field Operations Division

With a total of 185 Field Staff (and 150 vehicles), at best the Bureau can deploy a total of 35 electrical crews.

Over the past two years the Bureau as lost a total of 90 positions, or 22% of its staff.

5 Acre Main yard in East Hollywood that houses the majority of our staff and fleet. Two smaller satellite yards (11 staff each) in West LA and the Valley are shared with other departments

***To save money, the Bureau has expanded into fabrication and adopted new technologies, such as *plasma cutters and 3-D printers and plotters*, to reduce material costs

LA LIGHTS

The Assessment: BSL's main funding source

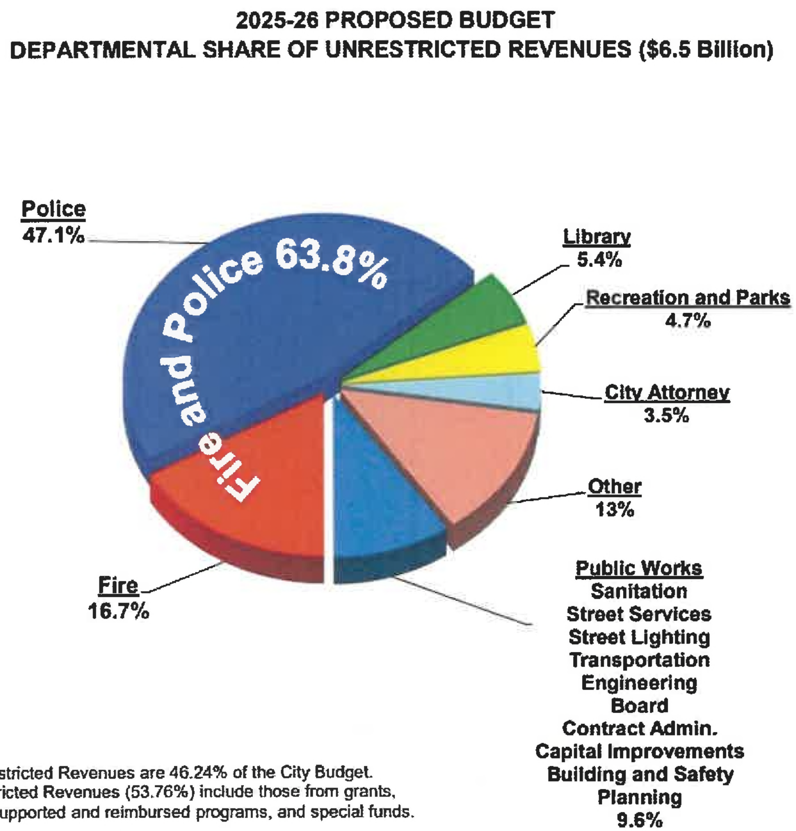
BSL's O&M is primarily funded by an Assessment which generates ~$45M annually since 1996, as 90% of revenues are frozen.

The Bureau levies the assessment through its powers given in City Charter, Administrative Code, Municipal Code, State Constitution, and the Improvement Act of 1911. It is based on the **special benefit** to a given property, calculated via land use and acreage, and **collected annually via County Property Taxes**

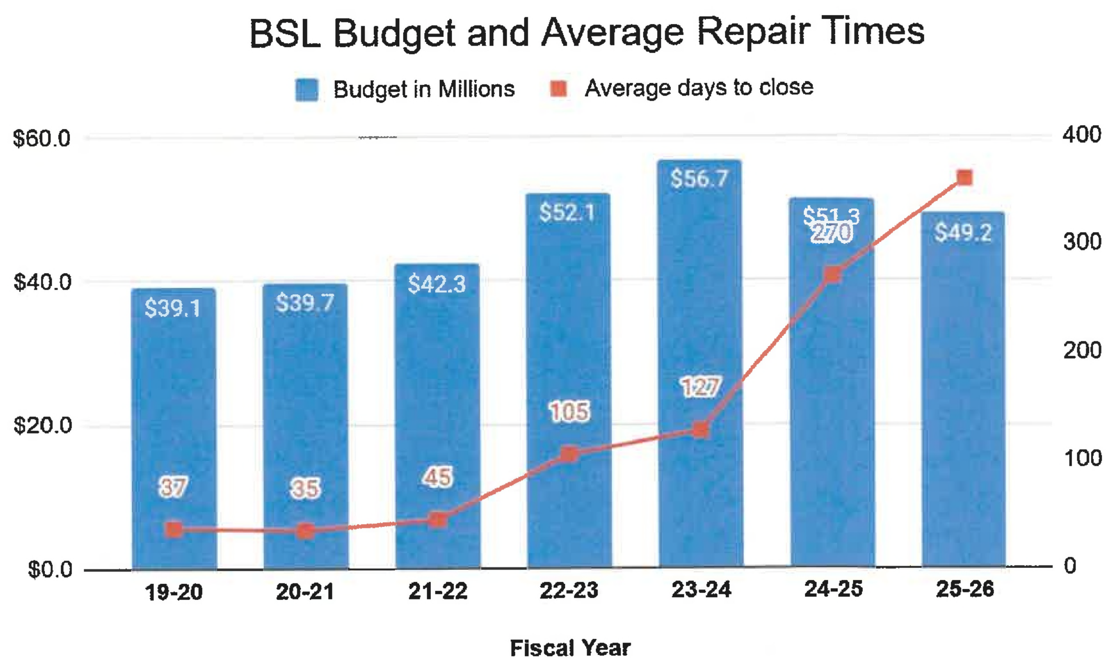
A Street Lighting Assessment is established through a ballot vote of affected **Property Owners**. It is an off-cycle protest vote (rather than an electorate vote) and requires 50%+1 by weighted value of Assessment of affected Property Owners to vote yes.

CF: Verbal; 25-1510

Context of BSL Resources: Reliant on GF Subsidies



Unrestricted Revenues are 46.24% of the City Budget.
Restricted Revenues (53.76%) include those from grants, fee-supported and reimbursed programs, and special funds.



All Routine Maintenance Programs Have Been Eliminated as Cost Reduction Measures

LED Replacement Program (CTIEP)

FY22/23 - $4.0M replaced over 13,000 fixtures

FY23/24 - $0.4M replaced over 1,300 fixtures

FY24/25 - $1.0M replaced over 3,000 fixtures

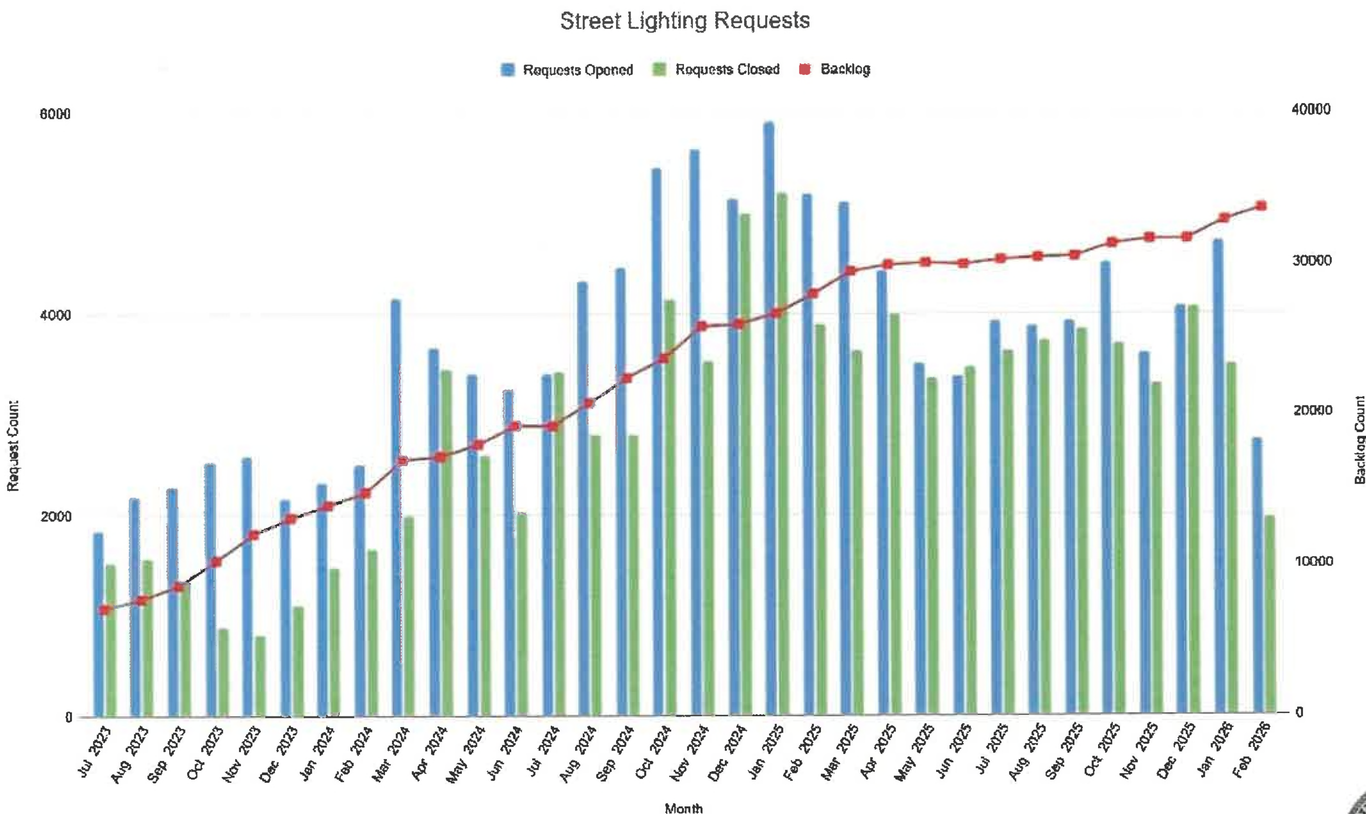
FY 25/26 - No budget

Pole Replacement Program - Eliminated during Great Recession (2010)

Conduit Replacement Program - None

LA LIGHTS

BSL Service Requests and Backlog - 1 YEAR REPAIR AVERAGE



LA LIGHTS

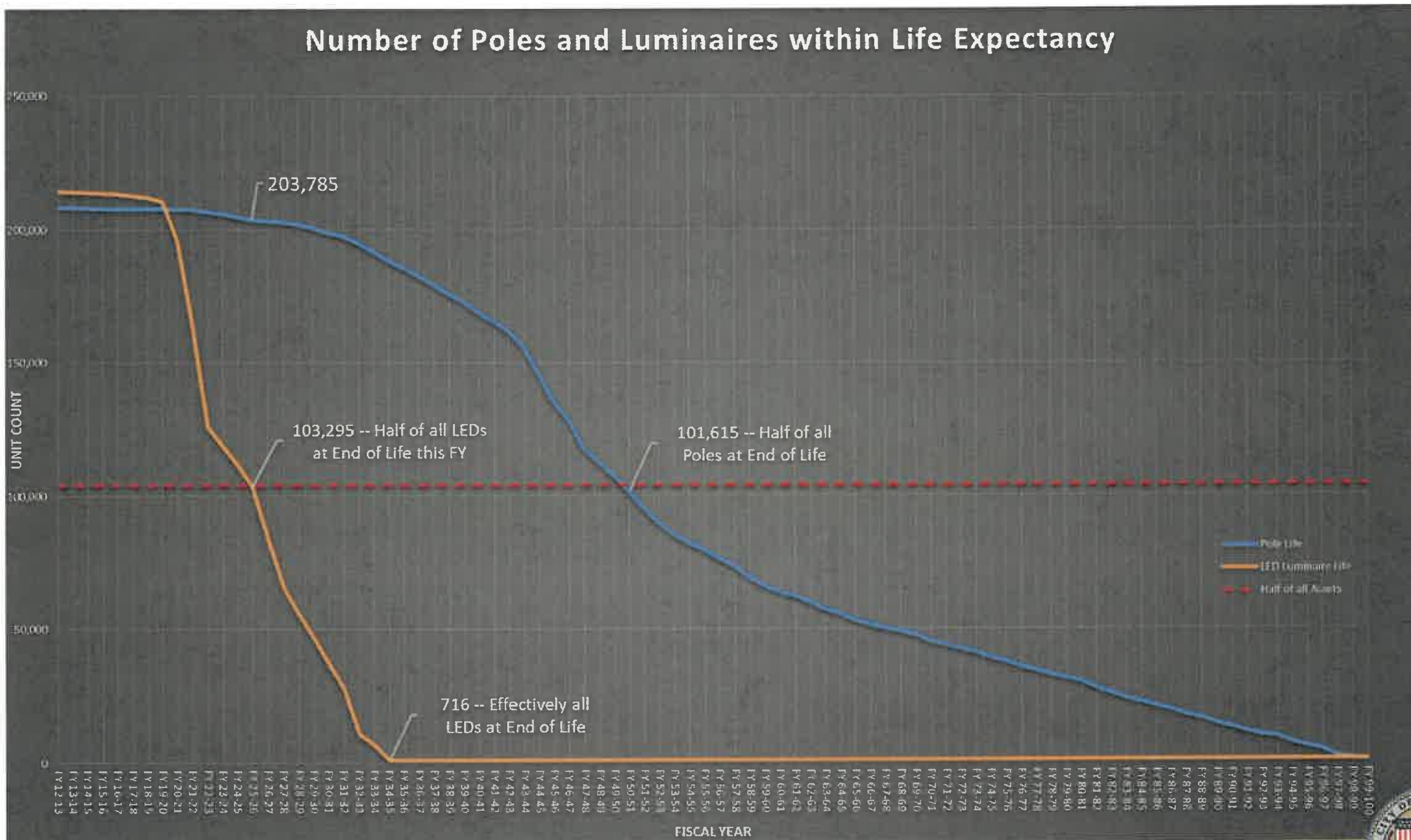
CF: Verbal; 25-1510

Vandalism Repairs VS. Deferred Maintenance

40% 60%

CF: Verbal; 25-1510

Growing Number of Assets Out of Service Life



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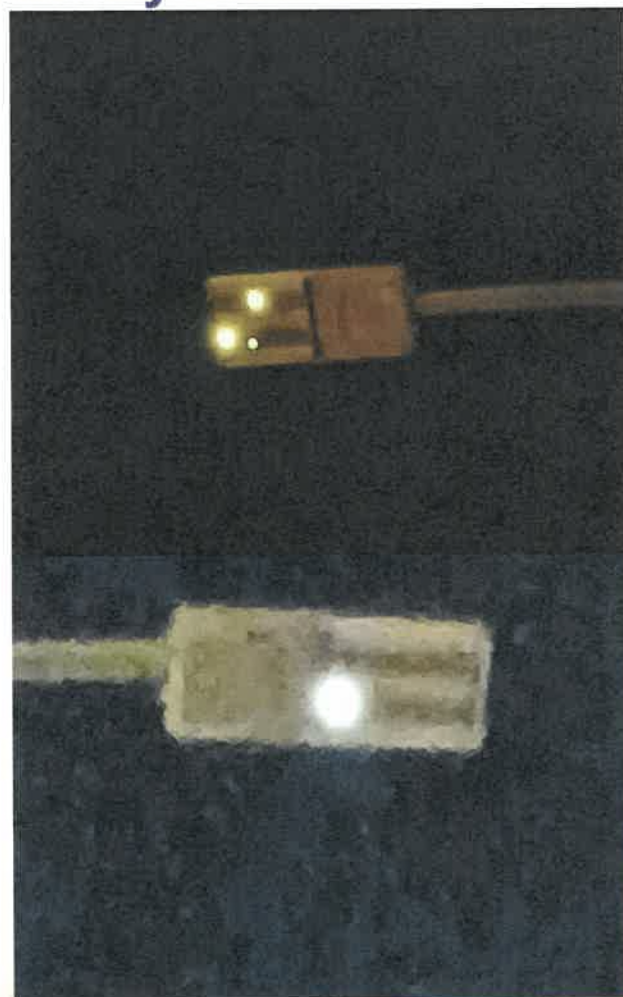
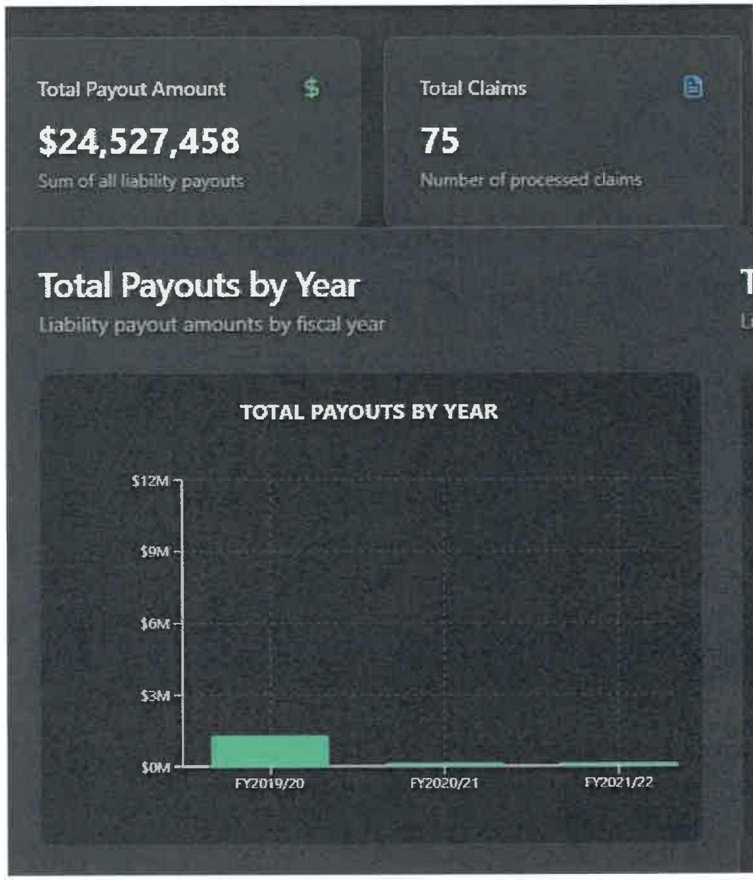
Example: End of Life LED Worn Down By Elements

Location: Installed 2012 on Crenshaw between Martin Luther King Jr Blvd and Obama Blvd

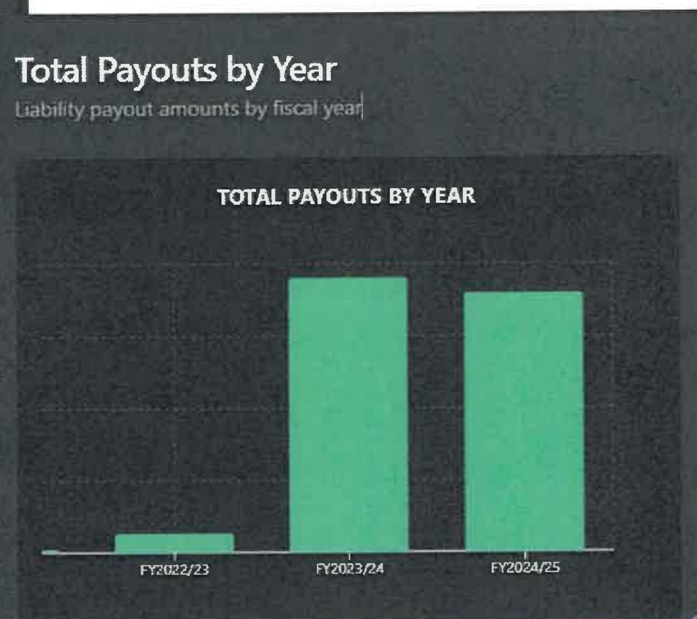


Location: Installed on Pershing Drive, from Westchester Parkway to Imperial Boulevard

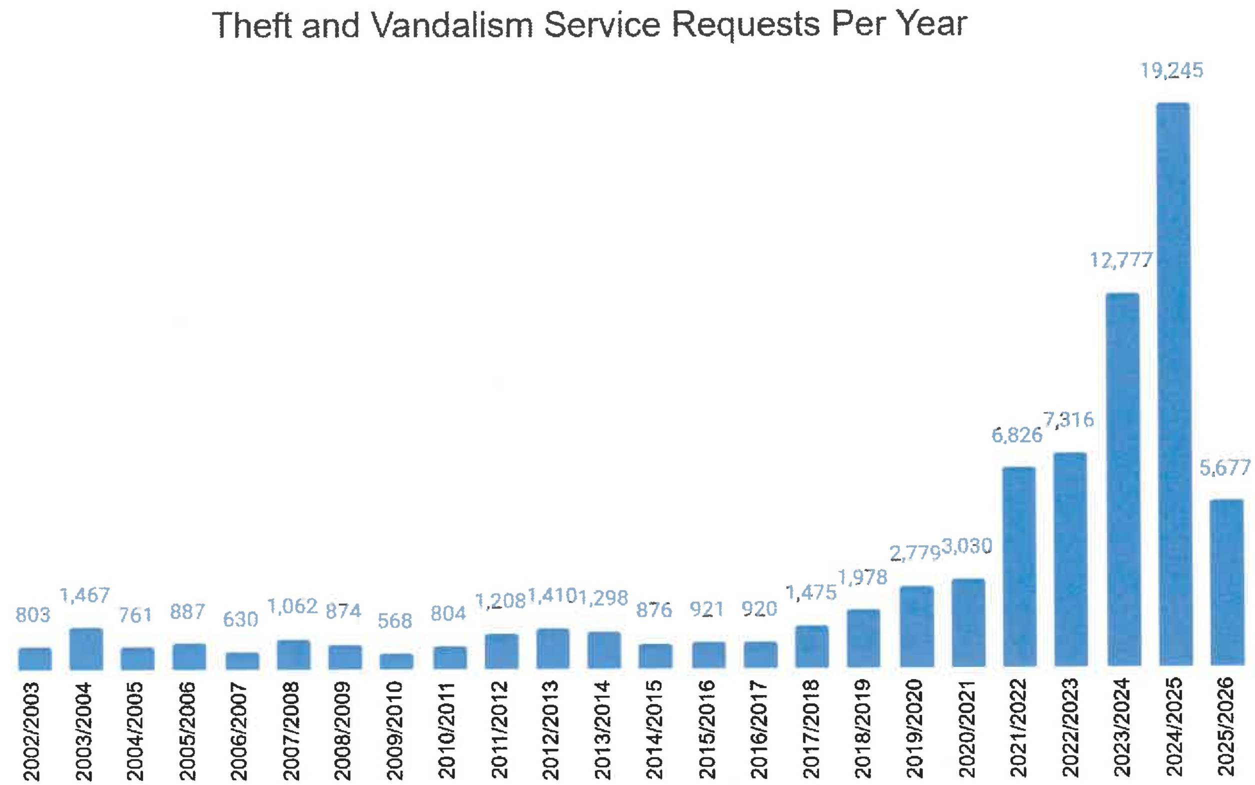
Growing Risks and Liabilities Due to Deferred Maintenance



From Controller's Dashboard



Theft & Vandalism at An All Time High



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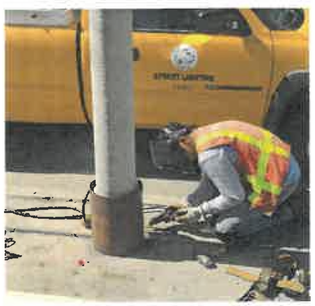
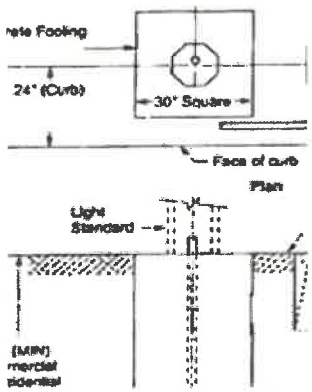
CF: Verbal

Suite of Solutions to Ensure "Lights On"

Fortification & Restoration	Evolving Design Standards	Data Driven Analytics for Deployment	Battery + Solar Street Lights	Technology (Sensors; Cameras)





GENERAL FUND AND DISCRETIONARY FUNDS

Note: BSL looks closely at analytics and circuit composition to determine best course of action.

Suite of Solutions:

Maintenance, Restoration, and Fortification

Routine Maintenance and Troubleshooting	Wear and tear issues (ground outs at a single light), off-cycle LED replacements. (Avg $500 / light)
Restoration	Repair and restore lights on the circuit, bury pullboxes and weld handholes at vandalized streetlight(s) only. (Avg $1500 / light)
Fortification (F22)	Fortification includes burying pullboxes, welding handholes, and relocating fuses to the top of the pole for <u>ALL LIGHTS</u> connected to a service point (can be multiple circuits). (Avg $2500 / light)

LA LIGHTS

How the Bureau Deploys Resources, pt. 1
O&M, Service Requests, and the 1 year Repair Time

The Bureau establishes service levels that dictate operations, maintenance, repairs, and CapEx.

The Bureau also takes in MyLA311 service requests for lighting outages and responds to service requests in the order they are received. Given the total influx of service requests and limited resources, the Bureau has set a service level of 1 year for repairs to satisfy requirements of the Assessment. This 1-year Service Level is based off current averages for service request closure and aging of all service requests (1 in 7 are older than 1 year).

Note that the Assessment does not cover areas of the City that are 100% general benefit (e.g.: Bridges; Tunnels) as there are no adjacent properties to assess and these areas tend to be wholly for public use. The funding for these streetlights is requested through the City's annual budget process or through a capital program (e.g.: 6th Street Bridge / Viaduct) .

How the Bureau Deploys Resources, pt. 2
General Fund and Discretionary Funds

In recent years, an additional tactic has emerged that has allowed the Bureau to repair more lights than what it has been originally funded for – General Fund or discretionary funds provided by the The Council and Mayor that augment the Bureau's resources. These funds are generally unrestricted. In other words, the requirements of the Assessment do not apply and resources can be directed to specific repairs or locations.

These flexible funds have been used to prioritize locations for repair based either on the direction of the Council and Mayor, with expertise given by the Bureau. The Bureau has either established additional crews, used overtime, or deployed solar based on these funds and it does not affect Assessment-funded operations.

CF: Verbal; 25-1510

Outages/Service Requests (SRS) and Average Repair Times

AREA	OUTAGES / OPEN SRS	OUTAGES / OPEN SRS (1 YR+)	AVERAGE REPAIR TIMES (IN DAYS)	FY 24/25 SRS OPENED / CLOSED	FY 25/26 SRS OPENED / CLOSED
Citywide	**32,933**	**6074**	**1 Year (Official)**	**55,902/ 45,234**	**32,278/ 27,838**
Council District 14	3780	631	221	5557 / 5696	3163 / 2447
Council District 10	3487	832	207	5286 / 3475	2673 / 2281
Council District 13	3450	480	181	5991 / 4840	3926 / 2959
Council District 5	2739	225	160	4417 / 3573	3215 / 2284
Council District 4	2606	285	193	3570 / 1952	2444 / 2529
Council District 6	2451	473	263	3561 / 2818	1735 / 1407
Council District 7	2160	243	247	3262 / 2910	1872 / 1165
Council District 1	2053	644	214	3536 / 3043	1404 / 1184
Council District 9	2037	534	193	3194 / 2775	1875 / 1706
Council District 12	1983	363	240	3689 / 2400	1787 / 2233
Council District 8	1949	489	183	3838 / 2858	2323 / 2611
Council District 3	1569	305	259	2644 / 1351	1426 / 1917
Council District 2	1132	280	248	1819 / 1507	827/ 784
Council District 15	810	198	161	1973 / 2211	939 / 1047
Council District 11	727	92	128	1859 / 1755	1188 / 1164

CF: Verbal; 25-1510

Circuits with Repeat Issues and Discretionary Funds

AREA	NUMBER OF CIRCUITS WITH REPEAT ISSUES	DISCRETIONARY FUNDS FOR OT/CREW
Citywide	**2103**	**–**
Council District 1	179	$55,000.00
Council District 2	144	
Council District 3	50	
Council District 4	81	$115,800.00
Council District 5	56	$85,000.00 / $165,000.00
Council District 6	220	
Council District 7	160	
Council District 8	177	
Council District 9	266	
Council District 10	127	
Council District 11	15	$85,000.00 / $165,000.00
Council District 12	174	$58,000.00
Council District 13	147	$377,000.00 / $900,000.00
Council District 14	237	$100,000.00 / $970,000.00
Council District 15	70	

CF: Verbal

Ballot Timeline: Results Come After Budget Process

1	3/06/26	BSL intends to present the Council Report, Ordinance of Intention, & Engineer's Report ($125M) to the City Council
2	**3/24/26**	**City Council Adopts Ordinance of Intention, Approves Council Report & Engineer's Report** * Hearing Dates are confirmed and the **April 17, 2026** Mailing Date is established by BSL * Budget, Finance, & Innovation Committee meeting must occur during this period.
3	**April 17, 2026**	**Mailing Date - ~ 585K Ballots & Notices - 45 days minimum to vote by State law**
4	June 2, 2026	City Council Hearing - End of Election Period * Last day ballots are received (not postmarked) by the City Clerk's Office
5	6/3/26 - 6/24/26	City Clerk's Election Division tally's the results
6	June 26, 2026	Final Ordinance Adopted by the City Council - Mayor Adopts Ordinance by 7/6/26
87	August 7, 2026	BSL uploads Excel file onto the County database for collection of new Citywide assessments via 2026 / 27 property tax bills. County deadline **August 10, 2026**

CF: Verbal

How is the $125M Assessment Broken Down by Work?

The following is rounded breakdown of the major components of the Assessment

Maintenance ($51M): Augments staffing to address minor (burned bulbs; single asset grounds) and major (theft; system grounds; post hits) repairs and maintenance. This also takes into account theft and vandalism, which was originally NOT contemplated in the original Assessment.

System Protection ($18M): Intended to convert vulnerable systems to Solar or fortify Street Lighting Assets to prevent repeated theft.

Lifecycle Replacement ($26M): Reconstitutes previously defunded routine maintenance programs such as pole replacement, conduit replacement, and LED replacement.

Support Services ($6M): Fully supports the expansion of field operations with required administrative and technical capacity. Institutes a routine 3-year audit of Bureau operations and supports the expanded field operations.

Again, the above is rounded and not expected to total to $125M. The full details and breakdown of the 10 year work plan the $125M Assessment is based on can be found in Council File 22-0600-S56.

CF: Verbal

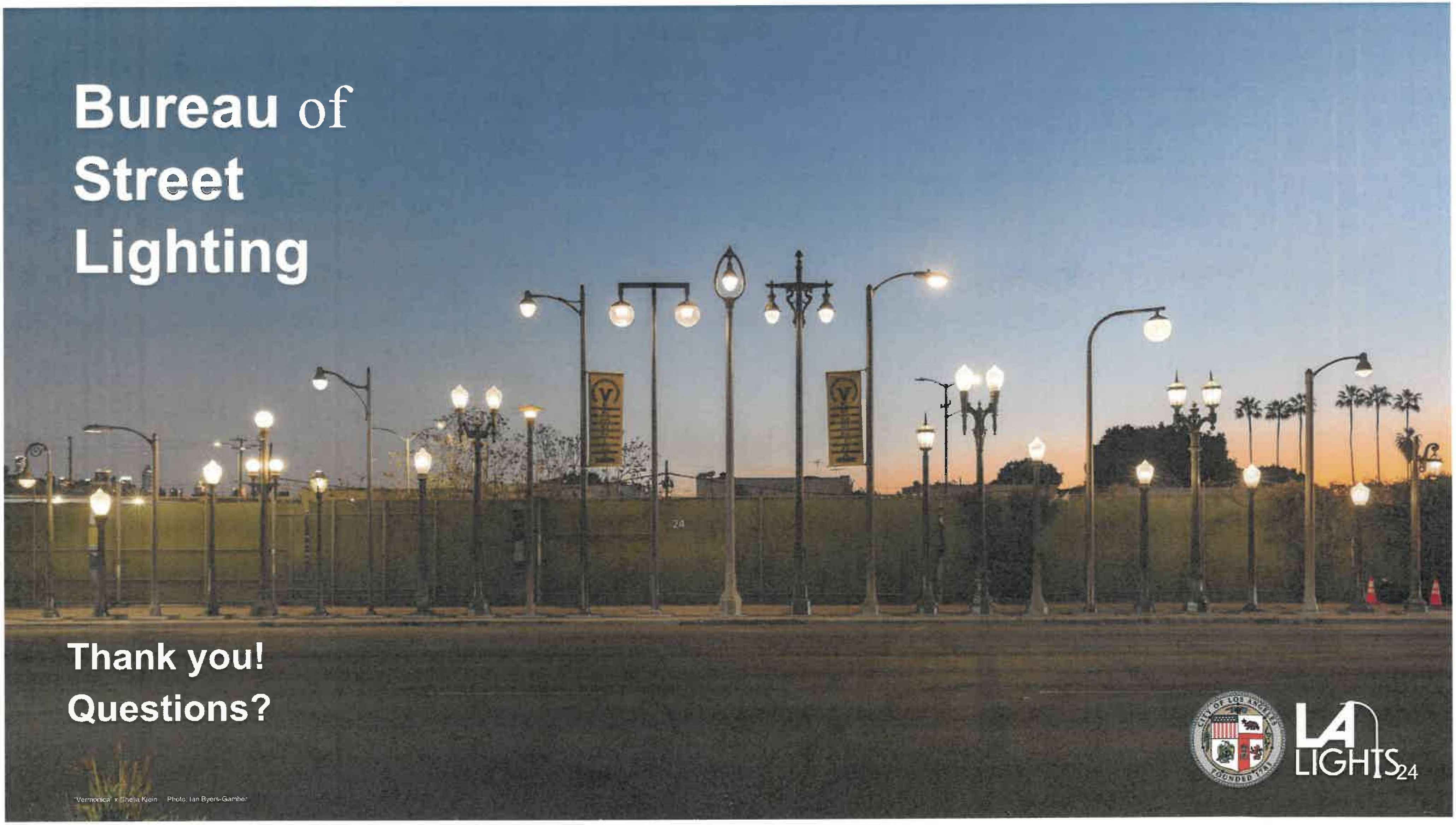
What Do You Get With a New Assessment?

Repair Times Reduced to "One Week; One Month" from current of 1 Year

- Doubling of our Maintenance Districts
- Augments and Institutionalizes Theft Responses like Fortification (NOT contemplated in current Assessment)

Reduced Liabilities and Outages with Proactive Maintenance and CapEx Investments

Increased Accountability and Transparency with mandatory 3-year, third party audits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Thank you!
Questions?
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