Resources Needed to Meet Industry Standards for Public Right-of-Way Infrastructure Maintenance

Council File 25-1142

Public Works Committee
November 10, 2026

Asphalt Roadways

Network Scale & Technical Standards

- City's network is over **23,000 lane miles of roadways** (21,929 lane miles of asphalt roadways and 1,136 of concrete roadways).
- Industry technical standards set by **AASHTO** and **FHWA** for pavement design and rehabilitation.

Pavement Condition Index (PCI) Ratings

- **Good Condition:** 14,056 lane miles (64%)
- **Fair Condition:** 4,030 lane miles (18%)
- **Poor Condition:** 1,559 lane miles (7%)
- **Failed Condition:** 2,284 lane miles (11%)

Current year average PCI score is **69** out of 100.

Treatment Cycles & Maintenance

- **Resurfacing:** Every 15–20 yrs (arterials); 25–30 yrs (local residential).
- **Slurry Seal:** Applied every 3–7 yrs to prevent water penetration.
- **Large Asphalt Repairs:** Corrective maintenance removing distressed areas to prevent top wearing surface deterioration.
- **Small Asphalt Repairs:** "Pothole" repairs for localized distressed pavements.

Pavement Preservation Adopted Budget

- **FY 26-27 Budget:** $66.7M
  - 60 lanes miles of resurfacing
  - 500 lane miles of slurry seal
  - 70 lane miles of large asphalt repairs

Asphalt Roadways - Access Ramps

Resurfacing Capacity & Requirements

Single Crew Output

- **1 resurfacing crew + 12 heavy duty trucks** have capacity for **60 lane miles/year**.
- Unit cost is approximately **$190,000 / lane mile**.

Existing StreetsLA Network Capacity

- **5 resurfacing crews + 60 heavy duty trucks** currently operate.
- Capacity to resurface up to **300 lane miles/year**.

Critical Path

- Assumes all access ramps are upgraded to the **latest ADA standards**.
- Current ramp construction capacity for **6 crews is 300 ramps.**

Resurfacing (Lane miles)	**Access Ramps to Upgrade**	**Additional Resource Needs** (Crews / Budget)
100	**396**	**2 crews ($5M)**
200	**792**	**10 crews ($25M)**
300	**1,189**	**18 crews ($45M)**
400	**1,585**	**26 crews ($65M)**
500	**1,981**	**34 crews ($85M)**

Concrete Roadways

Concrete Street Network & Condition

1,136 Lane Miles Total Concrete Network

- Constructed mainly in the 1920s; now past intended service life.

513 Lane Miles (45%) Poor or Failed Condition

- Pavement Condition Index (PCI) indicates poor or failed condition across 45% of streets.

Survey of Network Needed

- StreetsLA requires resources to survey concrete street network repair needs.

RECOMMEND 1 DEDICATED CREW

$2.26M

Total Investment Required

$0.97M Staffing Costs

- Funding for 10 dedicated positions

$1.29M One-Time Capital Costs

- Procurement of heavy equipment / vehicles

Dedicated Resources

- Establishes systematic repair crew dedicated to minor repairs and panel replacements Citywide.

Alleys

Network Scale & System Constraints

1,286 Lane Miles Total

- City network includes 1,248 paved miles & 38 unpaved dirt miles.

Heavy Vehicle Deterioration

- Accelerated wear from refuse trucks, delivery vans, & public safety vehicles.

Survey of Network Needed

- StreetsLA requires resources to survey alley network repair needs.
- Alley repair costs and scope can vary depending on the thickness and condition of the asphalt, required engineering design and construction of drainage infrastructure.

RECOMMEND 1 DEDICATED CREW

$2.56M

Annual Investment

$1.46M Staffing Costs

- Funding for 15 dedicated positions

$1.1M Material and Expense Funding

- Covers essential materials and operational expenses.

Annual Output Capacity

- Resurfaces approx. 4.0 lane miles of paved alleys each fiscal year.

Sidewalk Maintenance

FY 2026-27 ADOPTED

Adopted Budget Allocation

Partial approval with 6-months funding; new staff to be onboarded after January 2027.

56
Positions Approved (3 Crews)

$5.9M
Funding (6 Months Only)

90–100
Locations Addressed

PROPOSED PROGRAM

StreetsLA Comprehensive Proposal

A full-scale proactive program designed to reduce the citywide sidewalk maintenance backlog.

133
Positions Required

$18.21M
Total Budget

600
Estimated Locations Repaired Annually

Street Sweeping

Posted Routes (34%)
Currently Swept Bi-Weekly

- 34% of overall street network
- Primarily residential streets, with enforcement in collaboration with LADOT.

Commercial Corridors (11%)
Currently Swept Every 3 Weeks

- 11% of overall street network
- Transitioning to weekly in February 2027 with the Clean Corridors Program.

Open Routes (55%)
Unscheduled (~Quarterly)

- 55% of overall street network
- Swept approximately quarterly as operational resources permit

Weekly Sweeping Resource Needs

State associations recommend a baseline minimum of monthly sweeping, but reaching the industry best practice of weekly sweeping for every street requires **$26.71M** in total new resources.

$5.5M
Ongoing Salaries

- Funding for **57 new positions**
- Includes **36 Motor Sweeper Operators**

$21.21M
One Time Capital Funding

- Procurement of **70 pieces of heavy equipment**
- Includes **40 new motor sweepers**

Tree Trimming

CURRENT: 16.5-YEAR CYCLE

Street Tree Inventory

Urban Forestry Division cares for **661,000 street trees** in public right-of-way (Dec 2023 Davey inventory).

FY 2025-26 Staffing & Capacity

Budget provides **8 crews (64 positions)** trimming **40,000 trees/yr** (~5,000/crew).

16.5-Year Cycle

Current Inadequate Trim Rate

TARGET: 5-YEAR ISA STANDARD

Industry Standard

International Society of Arboriculture (ISA) dictates a **5-year tree trimming cycle** based on species.

Required Scale-Up

Attaining ISA standard with City forces requires **16 additional crews** (**186 new positions**).

24 Total Crews

Required Target Capacity

REQUIRED INVESTMENT: $67.67M

Ongoing Salaries: $15.15M

Requires **$15,151,021** in annual salary costs for **186 new staff positions**.

One-Time Capital Investment in Fleet: $52.52M

Requires **$52,520,000** capital investment to procure **176 heavy-duty vehicles**

$67.67M

Total Program Cost

Proactive Maintenance

Strategic Outlook: Moving Towards Proactive Maintenance

Without these comprehensive investments in **personnel**, **heavy equipment**, and **supporting facility infrastructure**, StreetsLA will remain restricted to reactive maintenance rather than **proactive maintenance.**

ACCESS RAMPS

$45M

Access Ramp Crews

An additional 18 access ramp crews are needed to achieve capacity of 300 lane miles of resurfacing.

CONCRETE REPAIR

$2.26M

Dedicated Crew

Establishing a dedicated concrete repair crew to systematically address structural defects across the city network.

ALLEYS

$2.56M

Dedicated Crew

Establishing a single alley resurfacing crew to reduce long-term deferred maintenance.

SIDEWALK MAINTENANCE

$18.21M

Dedicated Crews

Establishing dedicated sidewalk maintenance repair crews to systematically address sidewalk barriers across the city.

STREET SWEEPING

$26.71M

Staff & Fleet Investment

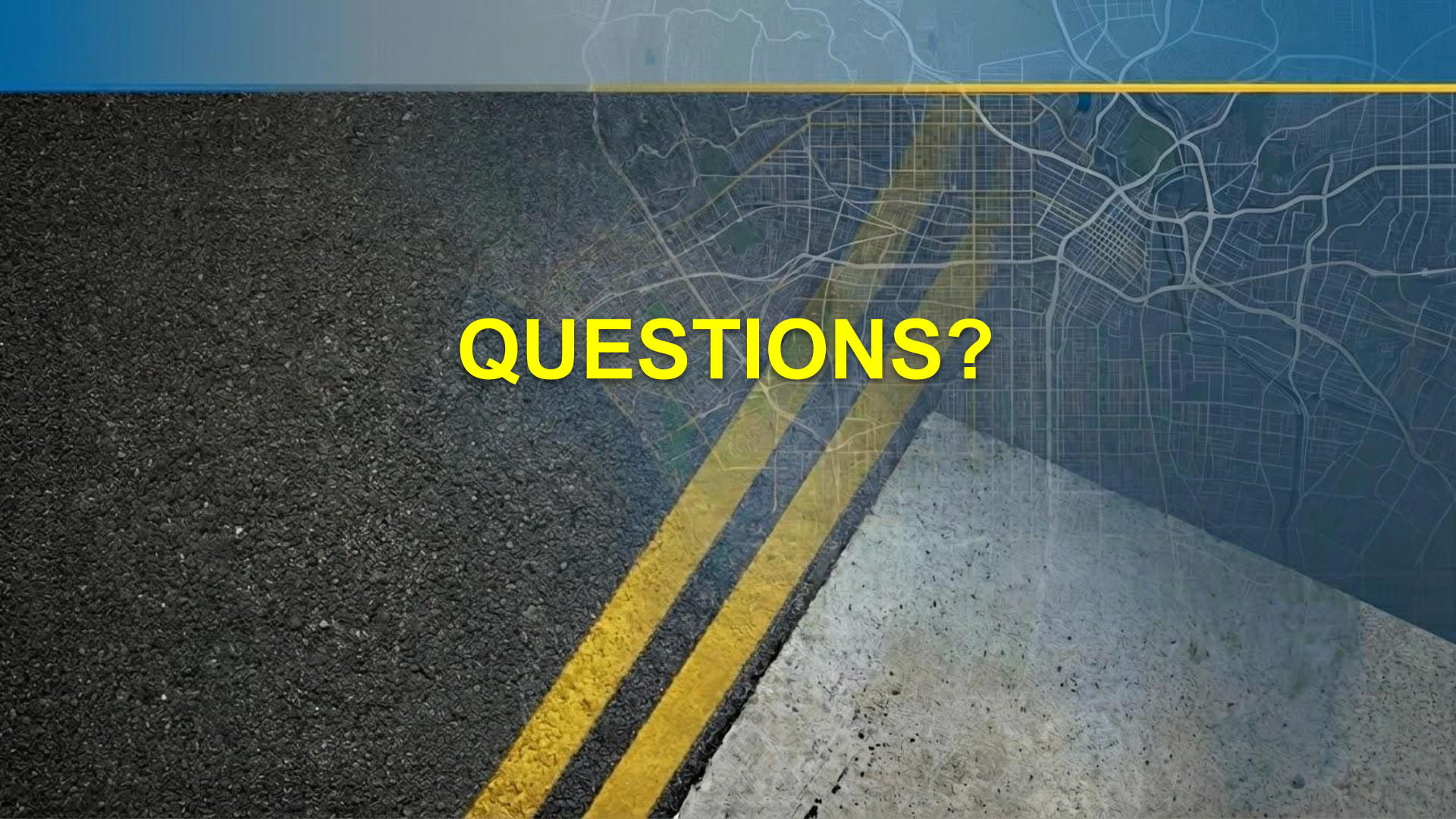
Achieves environmental best practices by expanding to weekly street sweeping coverage across all city routes.

TREE TRIMMING

$67.67M

Staff & Fleet Investment

Significant investment required to protect the City's urban canopy and meet standard maintenance timelines.


QUESTIONS?