



# Public Works Agency

## Facts About Oakland's Infrastructure

### Streets and Sidewalks

- Maintain 2,300 lane miles of streets; 1,120 miles of sidewalk and curb (the driving distance from Oakland to Chicago, IL); 7,746,321 square feet of gutter and 187 pedestrian pathways.
- Currently on an 85-year resurfacing cycle, which means a street will be resurfaced once in your lifetime. The industry standard is a 25-year cycle.
- Pavement Condition Index is 63 where 41% of streets are in Very Good to Excellent condition; 29% in Good to Fair condition; and 30% in Poor to Very Poor condition.
- Property owners are responsible for maintaining the sidewalks adjacent to their property, unless damaged from a city-owned street tree.



**Street sweeping keeps streets cleaner and safer and helps reduce the amount of trash that enters our storm drain system, which flows into the San Francisco Bay.**



**Worker repairs sewer main at Shepherd Canyon.**

### Sanitary Sewers

- Maintain over 1,000 miles of sanitary sewer pipes (the distance from City Hall to Denver, CO); 31,000 structures and 7 pump stations.
- Most of the system is over 50 years old, and some as old as 100 years.
- Respond to 2,900 calls annually and provide routine inspection and maintenance of pipes to prevent spills.
- A sewer service charge on your EBMUD water bill is used for capital repairs and maintenance of the sanitary sewer system.

### Storm Drainage

- Storm drain system built mostly between 1920 and 1950. It consists of 370 miles of pipes, 16,000 structures, 40 miles of creeks and 5 pump stations.
- Distribute sand bags and plastic sheeting to residents to minimize water problems during a storm.
- Adopt-a-Drain Program enables residents to help keep inlets near their homes clear in the winter.
- Perform routine inspections and cleaning of storm drains to prevent flooding.
- Replace storm grates with bicycle-safe grates covering about 93 miles of bike lanes and routes.
- \$220 million in capital improvements are needed.



**Oakland has over 40 miles of natural watercourse in 15 creeks and 30 tributaries.**

### Creeks and Waterways

- Implement capital projects such as creek restoration and storm water separators to improve water quality in Lake Merritt.





**Gardeners maintain 100 street medians, including the Hegenberger Road median.**

### Trees

- Maintain about 45,000 street trees.
- 95% of our work is request-driven due to limited staffing.
- 25% of our work is removal of hazardous trees in the public right-of-way north/east of I-580.
- Plant over 1,000 trees and prune 3,200 trees each year.
- Issue over 400 tree permits for private properties each year.



**Crews plant over 1,000 trees each year.**



**Mechanics service 1,700 vehicles annually.**

### Parks and Open Space

- Maintain over 640 acres (one acre is about the size of a football field) of developed parks, public grounds, plazas and open space properties and 1,200 acres of open space.
- Maintain 100 street medians with landscaping, special lighting and other amenities (e.g., Bancroft Avenue, Hegenberger Road).
- Service over 300 water meters in landscaped areas throughout the city.
- Use over 132 million gallons of water, costing over \$500,000, to irrigate these landscapes areas annually.
- A Park Equipment Operator has up to 37 facilities to mow during a week. Each Gardner covers about 11 acres of developed park property.

### Street Lights and Traffic Signals

- Maintain 36,000 streetlights, consuming 22 million kilowatt-hours of energy annually (about 1/3 of the city's electricity costs).
- Maintain 670 traffic signalized intersections.
- Repair over 1,800 streetlights and 2,220 traffic signals each year.
- Replace over 100 rusted-out, damaged or knocked down streetlight poles each year; and 125 rusted-out, damaged or knocked down traffic signal poles each year.

### Keeping Oakland Clean and Beautiful

- Community volunteers contribute 26,000 hours of time annually on Earth Day and other beautification projects.
- Street sweeping program cleans 84,000 miles of city streets annually.

### Building a Sustainable City and Much, Much More...

- Food scraps recycling, unlimited weekly yard trimmings recycling and 1-cart bottles/cans/paper recycling services.
- Diverted over 300,000 tons of residential recyclable materials from landfill since 1992.
- Diverted over 165,000 tons of construction demolition debris from landfill since 2002.



**City staff maintains over 300 facilities, 134 tot lots, 5 swimming pools, 74 basketball courts and more.**