CIVICS 101

Ann M. Stillman
Director of Public Works
September 27, 2022
Department of Public Works
About Us

WHO WE ARE & WHAT WE DO
Mission Statement

The Department of Public Works (DPW) plans, designs, constructs, operates and maintains facilities and equipment that are safe and accessible to the general public and County employees.
Department of Public Works
CARE for Customers & Employees
Department of Public Works

DPW Employees

For current DPW job opportunities, please visit: www.jobs.sm cgov.org
Department of Public Works
County of San Mateo
Unincorporated Areas

- Broadmoor
- Burlingame Hills
- Devonshire
- El Granada
- Emerald Lake Hills
- Fair Oaks
- Highlands/Baywood Park
- La Honda
- Ladera
- Loma Mar
- Los Trancos Woods/Vista Verde
- Menlo Oaks
- Montara
- Moss Beach
- North Fair Oaks
- Palomar Park
- Pescadero
- Princeton
- San Gregorio
- South Coast/Skyline
- Sequoia Tract
- Skylonda
- Stanford Lands
- West Menlo Park
Department of Public Works
Road Services

- 315 miles of County maintained roads
- Stormwater facilities
- Roadway vegetation maintenance
- Traffic control devices
- Right of way management
- Motorpool services
- Vehicle and equipment acquisition and replacement
- Vehicle and equipment preventative maintenance & repair
Department of Public Works
Road Services
Department of Public Works
Road Services

DPW Assessment of Potential Uses and Benefits:

• Low noise levels
• Zero emissions
• Appropriate for some light-duty maintenance activities
• Reduced noise impact may allow DPW to conduct earlier/later roadside vegetation maintenance
Department of Public Works
Road Services
Storm Preparation & Recovery
Department of Public Works
Engineering & Resource Protection Services

- Project Development
- Design and Construction Management
- County Surveyor/Maps
- Flood Control, Utilities, and Watershed Protection
Department of Public Works
Engineering & Resource Protection Services

CEQA clearance & biological monitoring for routine & emergency sediment removal

LED streetlights can reduce energy costs and CO2 emissions by 60%
Department of Public Works
Facilities Services & Capital Projects

FM&O (Facilities, Maintenance and Operations)
- 3,095,070 square feet of facilities
- 40+ acres of landscape & parking areas

Building Services
- 73 County facilities
- 1,767,000 square feet of facilities

Correctional Facilities
- Maguire & Maple Street Correctional Facilities

Health & Hospital
- 562,019 square feet of medical facilities

Construction Services
- Professional crafts services beyond the scope of routine maintenance

Capital Projects
- County facilities maintenance, repair & replacement projects
Department of Public Works
Capital Projects
Department of Public Works
Administrative Services

- Accounting
- Airports
- Business Systems (IT)
- Clerical Support
- Human Resources
- Safety/Risk
Department of Public Works
San Carlos & Half Moon Bay Airports
Department of Public Works
Project Sampling

DPW WORK IN PROGRESS
Department of Public Works
Middlefield Road Improvement Project
Department of Public Works
Mirada Road Pedestrian Bridge Replacement

Closed in July 2020 due to the severe rusting and poor condition of the bridge
Department of Public Works

Higgins Canyon Road Bridge at Mills Creek Embankment and Wingwall Repairs Project
Department of Public Works

Hall of Justice Air Handling Units
Department of Public Works
Additional Capital Projects In Progress

San Mateo Medical Center – 29 Projects including:
- Integrated Behavioral Health Therapy Room Redesign
- Prevent Self Harm and Ligature Project
- Humidity Control & Sterilization Project (Surgery Center)
- Install Nurse Call System
- Replace Smoke Detector and Fire Alarm Upgrades
- San Mateo Medical Center Component Replacement
- SMMC Pneumatic Tube System Upgrades

FCIS – 48 Projects Including:
- COB Roofing Repairs
- HOJ Traction Elevators 3 & 7
- Grant Yard Termite Damage Repairs
- Motor Pool Replace Asphalt Shingle Roof (Tower Road)(Dyno Structure)
- Maguire Correctional Facility Structural Steel Repairs
- Maguire Correctional Facility Replace Air Handler Unit & Fans

General Capital Improvements:
- San Pedro Park Structural and Exterior Façade Repairs
- Central Library Kitchen and Restroom Remodel
- Probation Lobby Improvements
- PDU Carpet and Paint Improvements
- San Carlos Airport Site Improvements (Replacement of concrete apron at hangar, removal and replacement of asphalt parking lot approx. 8,000SF including construction of new retaining wall at limit of parking area)

Strategic Energy Master Plan (SEMP) Program:
- Portable EV Charge Station Research
- Maple Street Correctional Center Solar Project
- County Wide Energy Evaluations/ Recommendations (Internal)

Other Projects:
- Midway Village Portable Classroom Replacement
- Regional Operations Center Security Upgrades
- Lathrop House Plaster Damage Repair
- East Palo Alto Government Center Water Quality Improvements
- Hotel renovations for people experiencing homelessness
Department of Public Works
Recently Completed Projects

RECENTLY COMPLETED PROJECTS
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Coyote Point Eastern Promenade Project

Aerial view of the upper parking lots and beach

Features along the Promenade include decorative fencing, bicycle parking, benches & landscaped areas
Department of Public Works
Project Sampling

Loyola Avenue Sewer Pipe Replacement & Road Reconstruction

Butano Creek Channel Stabilization and Habitat Enhancement at Cloverdale Road Bridge
Department of Public Works
Parks Projects

Memorial Park Wastewater Treatment Plant Replacement

Memorial Park ADA Parking & Paving Project
LET'S TALK ABOUT MONEY
Department of Public Works

**Project Costs**

<table>
<thead>
<tr>
<th>Roads</th>
<th>Cost</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>$7,332</td>
<td>per mile to maintain a road</td>
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<tr>
<td></td>
<td>$59,176</td>
<td>per lane mile sealed</td>
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<tr>
<td></td>
<td>$415,128</td>
<td>per lane mile resurfaced</td>
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<td></td>
<td>$1,367,360</td>
<td>per lane mile reconstructed</td>
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<table>
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<tr>
<th>Sewer</th>
<th>Cost</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>$6,359</td>
<td>per mile of sewer main for scheduled maintenance</td>
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</table>

<table>
<thead>
<tr>
<th>Vehicle</th>
<th>Cost</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
<td>$2,832</td>
<td>per non-patrol vehicle maintenance</td>
</tr>
<tr>
<td></td>
<td>$5,343</td>
<td>per patrol vehicle maintenance</td>
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## Department of Public Works

### FY 21-23 Budget Overview

<table>
<thead>
<tr>
<th>Department Budget</th>
<th>FY 2021-22</th>
<th>FY 2022-23</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td>$246,286,706</td>
<td>$266,702,021</td>
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<table>
<thead>
<tr>
<th>Capital Projects Budget</th>
<th>FY 2021-22</th>
<th>FY 2022-23</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td>$117,238,397</td>
<td>$112,266,426</td>
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Department of Public Works
Storm Preparation Tips

• Avoid piling yard waste on your property where it could wash into storm drains.

• Use a rake or broom to remove leaves and debris that may collect on the tops of storm drains & place the material in your yard waste container.

• Clean gutters & downspouts annually to ensure a well-flowing drainage system.

• Direct flows from downspouts away from your foundation, without discharging flows to adjacent properties.
• DPW provides free sandbags to residents in unincorporated County areas to help protect property from flooding during the rainy season.

• Residents may pickup 15 pre-made sandbags & fill as many additional sandbags as needed.

• DPW’s Sandbag Stations are located in Redwood City, Princeton, La Honda, & Pescadero.

• For more information, please visit: https://www.smcgov.org/publicworks/sandbags
Preventing Stormwater Pollution

Pet Care
Did you know that one gram of dog waste contains 23 million fecal bacteria? Pet waste that doesn’t get picked up can ultimately end up in our waterways.

Litter Prevention
Over time, small amounts of litter on our roads, sidewalks, and trails build up and contribute to a big water quality problem.

Whether at home, in your community, or place of work—there are many ways YOU can help prevent stormwater pollution!

For more information: https://www.flowstobay.org/preventing-stormwater-pollution
Be Sewer Smart!

AVOID SEWER BACKUPS AND OVERFLOWS BY KEEPING TRASH OUT OF YOUR TOILET

- Tampons, maxi pads & their applicators/.wrappers
- Kitty litter
- Syringes
- Paper towels and shop towels
- Cotton swabs & makeup pads
- Diapers
- Prescription and OTC medications

Did you know?
Cleaning wipes, baby wipes and facial wipes are one of the biggest causes (or contributors) to sewer back-ups in the County of San Mateo Sewer Districts. That’s right - even if the package says “flushable” or “disposable”, they should NEVER be flushed. They belong in the trash.

Flush ONLY toilet paper. Put trash in the trash can.
For more information please visit our website at www.smcgov.org/sewers or call us at 650-363-4100.

The toilet is only meant to flush the three P’s – pee, poop and paper.
QUESTIONS?

Department of Public Works
website: www.smcgov.org/publicworks