PAVEMENT REPAIR & SIDEWALK REPAIR PROGRAMS

NAPA CITY COUNCIL
DECEMBER 21, 2021
• Primary focus on pavement and sidewalk repair projects

• Many other aspects we’re working on related to roadway maintenance and safety that are beyond the focus of today’s presentation:
  • Drainage
  • Traffic Signals
  • Street Lighting
  • Striping & Signage
  • Traffic Safety
• Evaluate street network, analyze collision data, and conduct community workshops
• Develop website for detailed input from stakeholders/community members to inform the plan content
• Set Vision Zero Policy Framework (defined as a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all)
• Use collected data to establish projects, programs, and implementation strategies to set actions to improve traffic safety

Local Roadway Safety Plan

Red Light Camera Technology
• Re-evaluate use of system in Napa
• Police Department will lead effort
PAVEMENT REPAIR & SIDEWALK REPAIR PROGRAMS

- 2020 & 2021 (!)
- Pavement Condition Index Refresher
- Recent Neighborhood Projects-Including Associated Tree Work
- Recent Collector/Arterial Projects
- Upcoming Projects
- Spotlight on Team
VACANT

HIRED IN LAST SEVERAL MONTHS

VACANCY RATE EXCEEDED 30%
8 NEW HIRES & 4 ADDITIONAL PART TIME HIRES
MORE HIRING UPCOMING
8 REMAINING FROZEN POSITIONS
CHALLENGES FACED IN 2021

• COVID
  • Over 2200 hours lost to COVID impacts since March 2020 (equal to 1.4 FTEs)
    • Smaller crew sizes

• Material Shortages
  • Asphalt
  • Cement

• Budget Reductions
  • Sidewalk Shave Program
  • Hiring/Provisional Employees

• Scheduling Changes
PAVEMENT CONDITION INDEX (PCI)

- Visual inspection for every street segments by qualified specialists
- Condition rating of 1 to 100 documented for each segment
- Overall public street network average calculated for the public street network
Pavement Condition Index (PCI) will continue to increase due to the City’s neighborhood paving program and capital improvement projects.

The graph shows the pavement condition classification based on the Pavement Condition Index (PCI) and pavement age. The categories are as follows:

- **Category I – Very Good to Excellent** (PCI 70-100)
- **Category II/III – At-Risk to Fair** (PCI 50-69)
- **Category IV – Poor** (PCI 25-49)
- **Category V – Very Poor to Failed** (PCI 0-24)

The Napa Average is indicated on the graph, showing the trend of increasing PCI with age.
NAPA NEIGHBORHOODS STREETS AND SIDEWALKS SCHEDULE
PROGRAM PAVING OVERVIEW 2021

- Grandview/Foster
- Monarch/Paulson
- Stanley Lane Bike Path
- Old Sonoma Road
- Dry Creek Road
- Las Flores Park
- Water Projects
Program Concrete (Sidewalk, Curb and Gutter) Overview 2021

- Vineyard Park
- Monarch/Paulson
- Other Priority Locations
  - Proximity to schools and Parks
  - Pedestrian Volume
  - Vertical Displacement
  - Tree Issues
• Residential streets between Dry Creek, Vine Hill, Linda Vista, and Trower
• 121 sidewalk repairs along residential streets plus 56 sidewalk repairs along Trower
• $1.1M for the 121 concrete repairs
• Tree removals
• Paving begins spring 2022
TREE ROOTS PRIMARY IMPACT TO SIDEWALK
PARKS TREE CREW
2021 TREE WORK

Trees Planted: 213
Trees Pruned: 1374
Trees Removed: 236
Grandview Foster
(City streets west of Foster, south of Imola)
Jacqueline Court
Before and After
Monarch/Paulson: South of Salvador, East of 29, Primarily North of El Centro
Kingsford Drive *Before and After*
Hyde Park Drive  Before and After

Kingsford Court  Before and After
Gordon Drive  Before and After

Stallings Drive  Before and After
Dry Creek Road
Before and After
Las Flores Park Before and After
Stanley Lane Bike Path
• Napa Neighborhoods Streets and Sidewalks Program
  • Vineyard Park (Paving)
  • Monarch/Paulson (Concrete and Paving)
  • South Franklin (Concrete and Paving)
  • New Sidewalk Shaving Contract
  • Concrete Contractor Assistance (ADA Ramps, Waverly, Montgomery)
### Capital Improvement Project Contacts - 2021 Overview

<table>
<thead>
<tr>
<th>Project Description</th>
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<tbody>
<tr>
<td>Bremen &amp; Bancroft Courts (Westwood Neighborhood)</td>
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<tr>
<td>Trancas-SR 29 to Jefferson</td>
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<tr>
<td>Trower-Jefferson to East End</td>
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<tr>
<td>Soscol-Central to La Homa</td>
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<tr>
<td>Vine Trail-First to Vallejo Street</td>
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<tr>
<td>Oak Street Storm Drain-Franklin to Brown</td>
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</tbody>
</table>
BREMEM AND BANCROFT COURTS
TRANCAS

Final Seal Coat and Striping Improvements
TROWER AVENUE

- Jefferson East to City Limit
SOSCOL AVENUE
COLD-IN-PLACE PAVEMENT RECYCLING & STRIPING IMPROVEMENTS
VINE TRAIL GAP CLOSURE

- First Street to Vallejo Street
OAK STREET STORM DRAIN REPLACEMENT
UPCOMING CONSTRUCTION: MAJOR CONTRACTOR PROJECTS 2022/2023

- Laurel Street Phase 1 (Browns Valley Road to Griggs)
- Browns Valley Road/1st Street (Westview to SR 29)
- Jefferson Street Rehabilitation (Trower to Sierra)
- Freeway Drive Rehabilitation (First to Kilburn)
HIGHLIGHTING CORE WORK ON PROGRAMS

- City Manager and Clerk: direction, communications, agenda reports, resolutions, commissions
- City Attorney: contracts, bidding, claims, easements, right-of-way
- HR: employee support, benefits, hiring, classification review
- Finance: budgeting, revenues, accounting, fiscal reporting
- Utilities: scheduling, coordination, utility conflicts, resources
- Parks: tree and vegetation management
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SERVICE CENTER

- www.cityofnapa.org
SERVICE CENTER

- Streets & Sidewalks
- Water Issues
- Parks & Trees
- Traffic Issues
- Streetlights & Traffic Signals
- Construction Site Issues
- Drainage & Pollution
SERVICE CENTER

• Request sent directly to work group responsible for category of work
• Requires location (by address or point out on map) and description of issue
• Adding photo (optional)

THE CITY’S SERVICE CENTER IS THE MOST EFFECTIVE WAY TO REPORT AN ISSUE.
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Other Accomplishments

Homeless
Drainage
Fleet
Asset Management
Storm Drain Mapping
Hazardous Materials Program
Safety Program
Napa Neighborhoods Streets and Sidewalks Program
- Vineyard Park (Paving)
- Monarch/Paulson (Concrete and Paving)
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Paving Season
- Vineyard Park
- Monarch/Paulson
- Waverly
New Hires
- Civil Engineer
- Street Superintendent
- Three SMW III Positions
- Five SMW II Positions

Asset Management
- Sidewalk Patches, Repairs, and Shaves
- Potholes Patched and Paved
- Sign Shop Assets
- Tracking
- Data Collection
Priority Locations

Criteria Based
• Proximity to schools and Parks
• Pedestrian Volume
• Vertical Displacement
• Tree Issues
• NNSSP Schedule

Completed Locations
• Las Flores Park (19 SDs)
• Dry Creek (11 SDs)