



CITY OF CARMEL-BY-THE-SEA

Monthly Report

Public Works Department – November 2021

TO: Honorable Mayor and City Council Members

SUBMITTED BY: Robert Harary, P.E., Director of Public Works

SUBMITTED ON: December 3, 2021

APPROVED BY: Chip Rerig, City Administrator

City Council Special Meeting of November 1, 2021

- Adopted Resolution 2021-069, authorizing staff to pursue a 2021 Urban and Community Forestry Grant in the amount of \$171,600 from Cal Fire to supplement funding for the Urban Forest Management Plan Project.
- Adopted Resolution 2021-070, amending on-call environmental services agreements with Rincon Consultants, for climate adaptation and SB1383 services, and Dudek, for environmental plan checking, with a not-to-exceed fee increase of \$101,000 (\$75,000 each).

City Council Meeting of November 2, 2021

- Adopted Ordinance 2021-003, amending the Carmel Municipal Code Chapter 8.16 pertaining to Solid Waste and Materials Recovery resulting from SB 1383.
- Adopted Resolution 2021-072, amending the operating budget, including a \$150,000 increase for additional tree removals, pruning, and planting.
- Considered a Permanent Encroachment Permit Application EN 21-187 (Stillwell) regarding a proposal to place a required grease interceptor within the public right-of-way.

Forest and Beach Commission Special Meeting of November 17, 2021

- Authorized removal of two significant oak trees conflicting with plans for a new home and garage at the northwest corner of Carpenter Street and Fifth Avenue. Applicant to replant one upper and one lower canopy trees.

Climate Action Committee Public Workshop of November 18, 2021

- LSA Associates, Rincon Consultants, and staff presented a summary of the Vulnerability Assessment, a draft list of strategies to adapt to climate change, and potential projects to reduce greenhouse gas emissions. While attendance was lower than anticipated, good public comments and ideas were generated.

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Public Works Administration

- Presented an overview of Public Works to the Leadership Carmel class.
- Coordinated with Leadership Carmel students regarding a possible legacy project.
- Senior Maintenance Worker Tom Lang and Maintenance Worker Dom Marquez were recognized for 5-years of service at the Employee Service Award luncheon.
- A Tree Care Specialist candidate was selected and candidate accepted position, contingent upon a successful background check.
- Interviews for the Maintenance Worker (streets) position were scheduled for early December.
- Interviewed Project Manager candidates and sent a conditional offer letter; however, candidate did not accept due to salary demands. This will further delay the start-up of several Capital Improvement Projects.
- Performed an analysis of staffing capacity, current and anticipated near-future workload, and recommended new staff positions as well as retention strategies.
- Evaluated cost sharing options for a possible Lease Agreement with Pac Rep for the Forest Theater.
- Met with California OES and Police Department regarding a Hazard Mitigation Grant application process for backup generators.

Carmel Cares

- Continued to maintain and improve the Scenic Pathway, Devendorf Park, Forest Theater, Vista Lobos Park, Sunset Center grounds, median islands, and other areas.
- Participated and assisted in the Halloween Parade and other special events.
- Began in-shop construction of seven downtown Carmel map display cases as well as a show bill structure in front of Sunset Center.
- Cleared out the Ocean Avenue median island, between Lincoln and Monte Verde Streets, in preparation for a pilot project to re-landscape the medians for Downtown Beautification.
- Began masonry repairs of broken or missing stones on beach access steps.

Environmental Programs

- Continued to coordinate with HF&H Consultants to complete their report evaluating the change in ownership of Greenwaste Recovery, as well as coordinating with GWR, MRWMD, City attorney's office, and others regarding the proposed Amendment to the Franchise Agreement and rate increase to implement SB 1383. Prepared Council report, resolution, and presentation.
- Prepared presentation for the Climate Committee Workshop and coordinated with consultants.
- Coordinated with the Monterey Regional Storm Water Management Program Manager for an extraordinary business presentation for the December 6 Council meeting.
- Received report from Monterey Regional Waste Management District regarding container evaluations. This data was needed for the City's final \$120k Cal Recycle Grant report.
- Based on further discussions with the California Coastal Conservancy regarding funding for a boardwalk along the west side of the North Dunes, from Del Mar to Fourth Avenue, it appears that we were premature in seeking funding until there is a coastal engineering study to address the ongoing heavy erosion of the foredune directly west of the volleyball courts. While still a worthy project for CCC funding, design of this project may need to be deferred.
- Tope Tree Service began the mostly grant-funded, Fire Fuel Reduction Project in MTNP.

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Facility Maintenance

- Repaired the Fire Station emergency generator engine, saving \$4k over hiring a contractor.
- Set up holiday lights and decorations in Devendorf Park, and lights along the Ocean Avenue median islands.
- Trained Police and Fire personnel on properly using the new, high-pressure washer for washing trucks at the Public Works Yard.
- Supervisor attended the annual Facility Maintenance Conference to see the latest trends and technologies in facility maintenance.
- Supervisor also completed the Fire Sprinkler Inspection training program.
- Repaired a roof leak on the Police building.
- Evaluated repair options and costs for re-coating the rusty metal container below the Police/ Public Works emergency generator. Further rusting may cause possible diesel fuel leaks.

Street Maintenance

- Supported the Halloween Parade, Veteran's Day, and Homecrafter's Marketplace events.
- Repaired the Ocean Avenue median stone end wall damaged by a "hit and run" vehicle.
- Mucked out the drainage channel and culverts along Rio Road.
- Reconstructed a number of traffic and street name signs which had rotted wood posts.
- Patched additional potholes and made some sidewalk repairs.
- As part of our due diligence research for a replacement street sweeper for next fiscal year, a vendor gave a demonstration of a new Elgin brand street sweeper.
- Prepared technical narrative of a report regarding use of Road Maintenance and Rehabilitation Account (RMRA) transportation funds and coordinated with Finance.

Forestry, Parks and Beach (Forester's Report)

- Continued planning for Downtown Beautification's Ocean Avenue median island replanting project, starting between Lincoln and Monte Verde Streets. Stumps were removed, plants were evaluated and purchased, and a new irrigation system has been ordered.
- Met with property owner in Monterey County directly across the newly-striped pickleball court at Forest Hill Park. Requests included installing "park off pavement" signs, which is being reviewed by County Traffic Engineering, and laminated "Be Respectful, Please Reduce Noise" signs to be installed at the courts.
- Planted nine (9) new trees.
- Large logs were removed from the beach.
- Met with Community Planning and Building Department and came up with a few ideas to streamline routine planning-forestry-building activities.

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Private and Development Activities

Permitted Removals and Required Planting

| | Removals | Plant Upper | Plant Lower | No Room for New Trees | Meets Density Recommendations | Total Number of Trees Required |
|-----------------|-----------|-------------|-------------|-----------------------|-------------------------------|--------------------------------|
| January | 6 | 3 | 2 | 0 | 0 | 5 |
| February | 20 | 4 | 3 | 0 | 12 | 7 |
| March | 7 | 3 | 1 | 0 | 3 | 4 |
| April | 17 | 6 | 5 | 0 | 6 | 11 |
| May | 12 | 2 | 5 | 0 | 3 | 7 |
| June | 9 | 2 | 2 | 1 | 1 | 4 |
| July | 11 | 6 | 4 | 0 | 3 | 10 |
| August | 21 | 9 | 6 | 0 | 4 | 15 |
| September | 20 | 9 | 3 | 3 | 6 | 12 |
| October | 17 | 10 | 4 | 0 | 7 | 14 |
| November | 39 | 20 | 9 | 0 | 14 | 29 |
| December | | | | | | 0 |
| Totals | 179 | 74 | 44 | 4 | 59 | 118 |

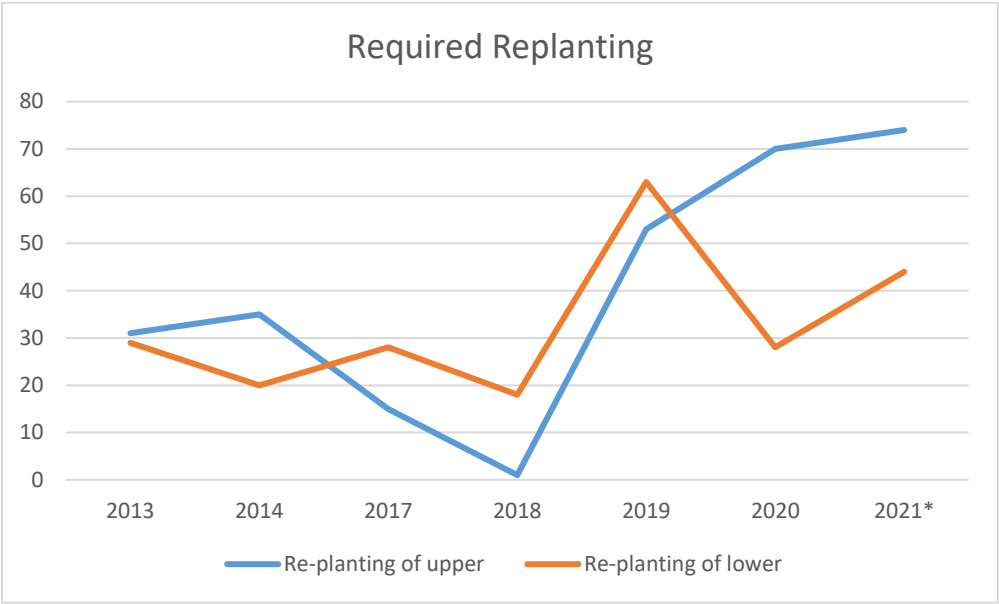
Historic Permitted Removals and Required Plantings

| | Removal permits | Removal of upper | Removal of lower | Replanting Required | Replanting of upper | Replanting of lower | Replanting % |
|------|-----------------|------------------|------------------|---------------------|---------------------|---------------------|--------------|
| 2012 | 96 | | | 20 | | | 20.83% |
| 2013 | 123 | 60 | 63 | 59 | 31 | 29 | 47.97% |
| 2014 | 145 | 64 | 81 | 49 | 35 | 20 | 33.79% |
| 2016 | 90 | | | 37 | | | 41.11% |
| 2017 | 119 | 50 | 69 | 43 | 15 | 28 | 36.13% |
| 2018 | 77 | 37 | 60 | 20 | 1 | 18 | 20.62% |
| 2019 | 170 | 107 | 63 | 116 | 53 | 63 | 68.24% |
| 2020 | 98 | 57 | 41 | 93 | 67 | 26 | 94.90% |

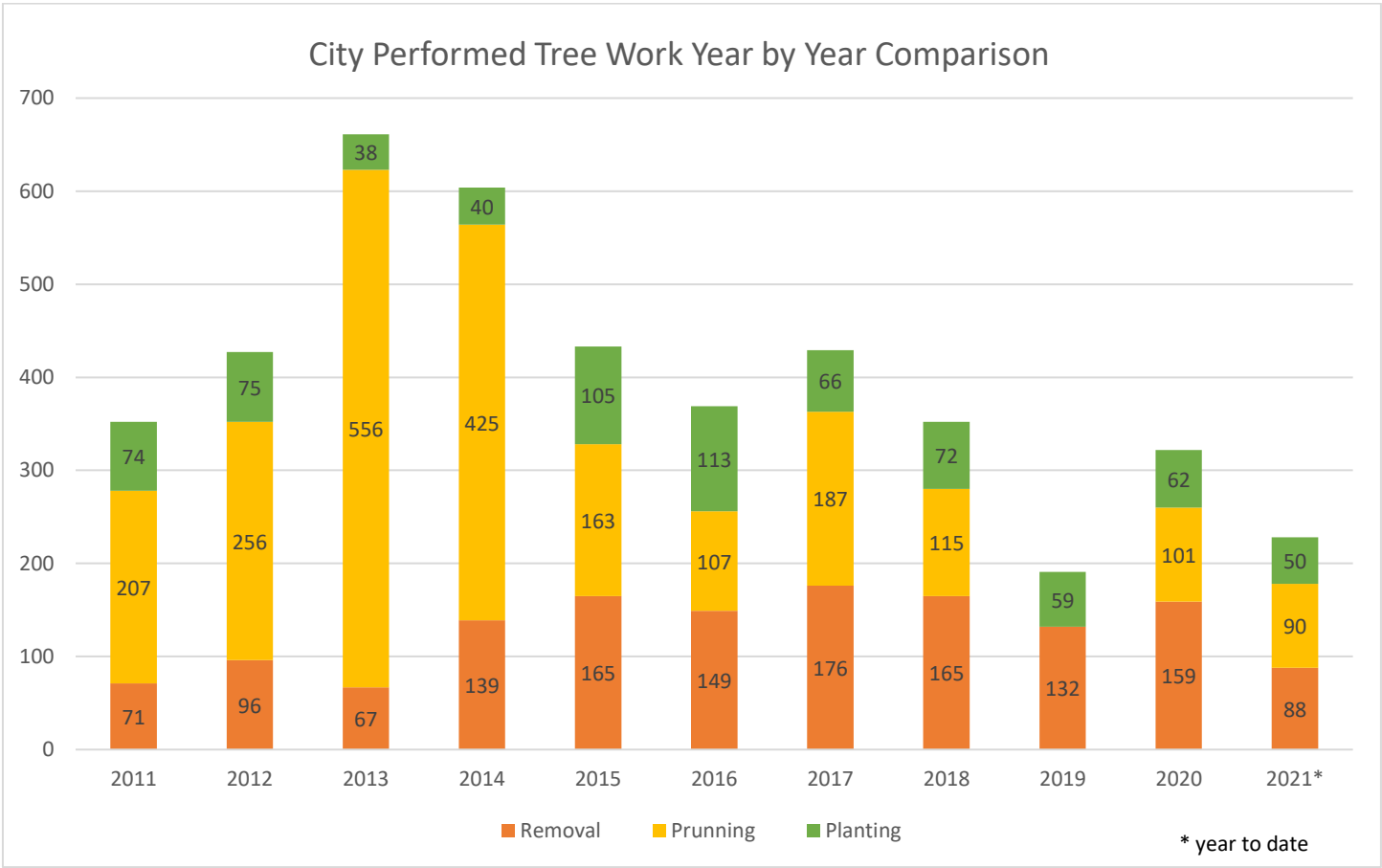
| | Permitted removals | Removal of upper | Removal of lower | Replanting Required | Replanting of upper | Replanting of lower | Replanting % | Applications processed |
|-------|--------------------|------------------|------------------|---------------------|---------------------|---------------------|--------------|------------------------|
| 2021* | 179 | 77 | 102 | 118 | 74 | 44 | 65.92% | 197 |

*year to date

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City Forestry, Parks, and Beach Activities



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| Work Type | Count |
|-----------------------------|-------|
| Failures | 0 |
| Inspections | 13 |
| Plan review | 6 |
| Plantings | 9 |
| Prunings | 2 |
| Removals | 0 |
| Stop Work Orders | 0 |
| Stump Removals | 5 |
| Tree Assessments - Planning | 0 |