



CITY OF CARMEL-BY-THE-SEA

Monthly Report

Public Works Department

December 2022

TO:	Honorable Mayor and City Council Members
SUBMITTED BY:	Robert M. Harary, P.E., Director of Public Works
SUBMITTED ON:	January 3, 2023
APPROVED BY:	Chip Rerig, City Administrator

City Council Meeting of December 6, 2022

- Read a Statement of Support for the Guard and Reserve, and gave Facility Maintenance Specialist, Leo Hernandez, a standing ovation for his service in the National Guard.
- Adopted Resolution 2022-101 awarding a \$56,518 Professional Services Agreement to Bureau Veritas to perform facility condition assessments for City Hall, Fire Station, Vista Lobos, and the Public Works buildings.
- Adopted Resolution 2022-105 accepting donations from Carmel Cares valued at \$150,316, plus over 7,800 hours of volunteer labor.
- Did not approve a Professional Services Agreement to Wald, Runke & Dost Architects to prepare a functional program report and schematic design for the Police Building Renovation Project with expanded scope. Mayor Potter and Councilmember Baron formed an Ad Hoc Committee to work with the Project Team to consider alternatives for the Project.

Forest and Beach Commission Meeting of December 8, 2022

- Approved removal of one Monterey cypress tree at Scenic Road, 8 southwest of Ocean Avenue, and required replanting of one Monterey cypress.
- Approved removal on a Monterey pine tree at Casanova Street, 2 southwest of Seventh Avenue, and required the Applicant to pay a \$800 in-lieu of planting fee.
- Continued Tree Permit Applications 22-122 and 22-145, both located at the Golden Bough on Monte Verde Street, 4 southwest of Eighth Avenue, to a date uncertain, at the request of the Applicant.
- Presented the Forester's reports for November 2022. Report included a Charter and application process to recruit members for a Steering Committee to supplement the Forest and Beach Commissioners, for guidance during development of the Urban Forest Master Plan.
- Presented the Public Works Department report for November 2022.
- Adopted the meeting dates calendar for 2023.

Administration

- Several storms dumped 4.3 inches of rain in December, resulting in power outages, removing approximately 5 down City trees and numerous limbs, coordinating with residents for removing 5 private trees, repairing fallen traffic signs, placing sand bags, clearing storm drains, and setting barricades. A sinkhole damaged a portion of split rail fencing along the Fourth Avenue Pathway toward the beach access stairs.
- Met with new Councilmember Dramov to provide an overview of Public Works and introduced her to the Division Managers.
- Public Works divisions supported the Holiday Celebration at Devendorf Park on December 2nd.

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- Prepared agenda report for the January 10th Council meeting regarding the Rotary Club's request to install entry signs at the City limits.
- Gave a presentation regarding Public Works operations and leadership lessons learned to the Leadership Carmel class on December 16th.
- Reviewed a 5-year Capital Improvement Plan submitted by the Carmel Area Wastewater District, and committed to coordinate several of their pipe-bursting projects which will impact City streets over the next few years.
- Met with Amy Herzog, Visit Carmel's Executive Director, to coordinate their new branding initiatives.
- Conducted recruiter, departmental, and final City Administrator interviews with a Project Manager candidate. Candidate accepted tentative job offer, and a background check is in progress.
- Reviewed a draft Operations and Maintenance Agreement, prepared by the City Attorney's office, for the upcoming Request for Proposal for Scout House Renovation, Activities Programming, and Facility Maintenance.
- Public Works staff members took computer security awareness training classes.

Carmel Cares

- Continued to obtain quotes for lumber and hardware for the Scenic Pathway Guardrail Repair Project. Plans prepared for the Project by Carmel Cares were approved by staff.
- Obtained a contractor quote to install an ADA-compliant pathway from a parking space to a proposed picnic table area for Phase 2 improvements at Forest Theater. Due to the high cost, alternative locations are being considered for the ADA accessible picnic table site.
- MPC Horticulture Professor Alan Wheat met with Carmel Cares and the City Forester to develop a modified design for the Ocean Avenue Median Islands. The revised design will be presented to the Forest and Beach Commission in the near future.
- Carmel Cares requested the City to provide pink, rather than dark green, Mutt Mitts so that they are more visible with the expectation that more pet owners would clean up after their pets. However, the estimated cost for the pink (or other brightly-colored) two-ply Mutt Mitts would be \$62k, more than twice the current cost of \$24k for the single-ply green products.
- Continued to maintain the Scenic Pathway, Forest Theater grounds, and various landscaped medians, and the Downtown Detail continued to make downtown beautification improvements.

Environmental Programs

- Executed a Contract with PG&E to install a new meter and equipment, valued at \$200k but at no charge to the City, for EV charging stations along the southern row of the Vista Lobos Parking Lot. One high-capacity charger would be for the new electric street sweeper.
- Executed a Contract with the Central California Energy Watch contractor to replace old, gas-fired water heaters with energy-efficient, electric heat pump water heaters, valued at \$21k but at no cost to the City. Heaters to be located in the Harrison Memorial Library (HML), Fire Station, and Public Works.
- Executed a Professional Services Agreement with Applied Marine Science for \$24,500 to continue watershed sampling services.
- Continued to coordinate with EMC, Integral Consultants, and Haro Kashunich for preliminary tasks associated with the Coastal Engineering Study – a key Climate Adaptation Project.
- Members of the Monterey Regional Stormwater Management Program, including the Environmental Compliance Manager, took a tour of the Pure Water Monterey facility at Monterey One Water. Monterey One Water treats most regional wastewater and developed a very advanced system to turn wastewater into a resource for crop irrigation and groundwater aquifer replenishment.
- Coordinated with Save the Whales organization regarding recycling outreach.
- Based on the results of the annual trash and recycling container inventory, identified unused/rarely used squirrel trash cans to be phased out, and obtained quotes for new metal, ribbon style trash, and dual trash and recycling containers to replace squirrel cans that are no longer repairable.

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Facility Maintenance

- Repaired vandalism damage, notably in park restrooms, ranging from a hanging toilet replacement to smoke detector protection cages.
- Made repairs to the boardwalk landing at the Fourth Avenue beach access stairs.
- Welded a beach access stairs handrail.
- Installed new, fully-stocked first aid kits at the HML, Park Branch Library, and Police station.
- Relocated shelving and furniture for the local history desk at the Park Branch Library.
- Installed dispensers for women's hygiene products in library restrooms.
- All fire extinguishers were inspected and re-certified.
- Obtained quotes for paneling removal, drywall replacement, and painting to renovate the Public Works front office prior to delivery of refurbished furniture to match existing lobby furniture and add office space for another employee.

Project Management for Capital Improvement Program

Wallace Group Projects:

- For the Concrete Streets Repair Project, which (*previously*) included a bike path along Ocean, between Monte Verde and San Antonio, completed the Professional Services Agreement with BKF Engineers, for a not-to-exceed fee of \$214,667, and submitted a report for award at the January 10th Council meeting.
- For the MTNP well abandonment and pump house and water tank removal project, PG&E removed the unused electric meter and aerial cabling. The power pole will also be removed with the Project.

Ausonio, Inc. Projects:

- For the City Hall Retaining Wall Repair Project, the building permit-required geotechnical evaluation was performed, but resulted in a major redesign of the structural components of the Project because it was determined that the existing, failing redwood retaining wall was likely never intended as a permanent support for the Planning Department south wing. Now, rather than constructing 3 isolated concrete piers as previously designed, a continuous concrete retaining wall structure will need to be installed below the footing. A new cost estimate is underway.
- An architect, and structural, electrical, and mechanical engineers from Bureau Veritas conducted the Facility Condition Assessments for City Hall, Fire Station, Public Works, and Vista Lobos, promptly following the award of their Professional Services Agreement at the December 6th Council meeting. Their draft report, identifying deficiencies and cost estimates, is expected in mid-January.
- After lengthy negotiations and tweaks to the Professional Services Agreement, a \$24,999 contract was executed with 10 Over Studios for on-call architectural services. A proposal is being prepared for 10 Over to provide design plans for the City Hall Roof Replacement, HML Exterior/Interior Painting, Carpeting, and Generator, Sunset Center Exterior Painting, and Cottage Windows Repairs Projects which have all been merged into one larger construction project for efficiency and cost-effectiveness.

4 Leaf Projects:

- For the 2020/21 Paving Project, the bid package was completed, and the project is scheduled to be advertised for bids as soon as January 9th.
- For the Police Building Renovation Project, the Project Team developed a position memorandum for the Council Ad Hoc committee, and met with the committee to discuss options moving forward. A summary of the first meeting was forwarded to the full Council. Conversations were also held with other architectural firms familiar with public safety building expertise. The next step will be to conduct a tour of the Police and Public Works buildings, to observe key safety concerns and functional limitations, on January 5th.

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Other CIP Projects:

- For the MTNP's 3 Drainage Improvements Project, the construction plans are complete, technical specifications were checked, and bidding documents are being assembled. The Project will be advertised for bids once the regulatory permits, now all in progress, are approved.
- For the ADA Upgrades Project, Year 5, obtaining vendor quotes for ADA-compliant railings in front and back of the HML and in Piccadilly Park.
- For the Library Master Plan Project, Jayson Architects was selected by a committee, and a Professional Services Agreement was prepared and submitted for Council approval at the January 10th meeting.

Street Maintenance

- Preliminary results of the City-wide Pavement Condition Index (PCI) survey performed in late 2022 by TAMC consultant NCE, resulted in an overall Carmel PCI of 75, down only slightly from 77 based on the 2018 survey. More information is pending.
- Completed traffic modifications resulting from the November 10th Traffic Safety Committee meeting. Notably, the prior red zone on Sixth Avenue, west of San Carlos, was repainted as a yellow loading zone, with accompanying signs noting a 20-minute limit on Monday through Friday, from 6 to 10 AM.
- Installed pedestrian crosswalks across Camino Real, north and south of Ocean Avenue.
- Removed large and mid-sized logs from Carmel Beach.
- Excavated several new tree squares for upcoming tree plantings, and patched concrete over tree squares where trees are not viable for replanting.
- Regraded, and placed and compacted decomposed granite along the Serra Trail near the south end of MTNP. Unfortunately, the new road surfacing did not fully hold up to the strong rains we had in late December. Sand bags were placed until permanent drainage improvements are constructed in 2023.
- Performed repairs to a number of traffic signs and post and rail fences.
- Continued making ongoing sidewalk repairs in the downtown area.
- Toured the conditions of Acacia Way drainage system, Rio Park storage area, and parking/traffic issues near Stevensen School with the City Administrator and Public Works Director. Action items underway.

Forestry Parks and Beach Report (Forester's Report)

- Planted 11 new trees, including: dogwoods, cedar, ponderosa pine, sequoia, and redwood.
- Davey Resource Group, the consultant hired to prepare the Urban Forest Master Plan, met with Public Works staff and finalized inventory data specifications. A formal kick-off meeting with the whole Project Team has been scheduled for January 11th.
- The application for the Urban Forest Master Plan Steering Committee was completed and will be advertised beginning on January 13th. Closing date for applications will be January 31st.
- Landscape maintenance contractor Town & Country was issued 6 Task Orders in December. Worked with contractor to streamline the Task Order process and task completion.
- Bid documents were completed for the On-Call Tree Care Services Contract and has been advertised. The Pre-Bid Meeting is scheduled for January 10th and the Bid Opening is scheduled for January 31st. *(Update – bidding process extended two weeks due to storms.)*
- Met with Planning Director to resolve concerns for an upcoming ordinance for landscaping in the public right-of-way and discuss qualifications for a landscape architectural consultant.
- Removed rocks below the swings at Forest Hill Park.

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Private and Development Activities

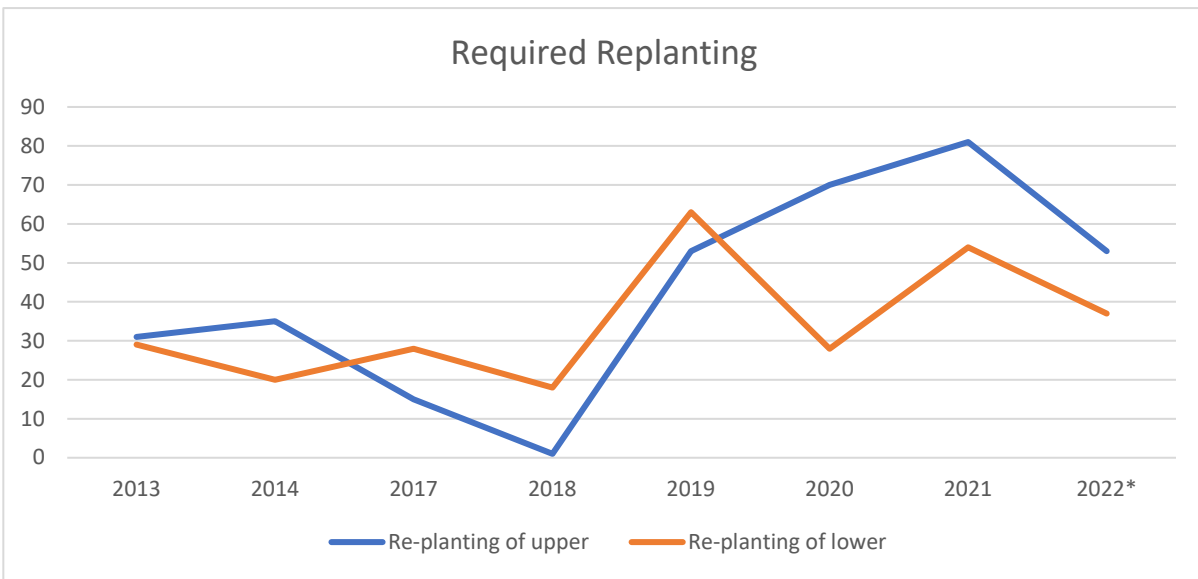
2022 Permitted Removals and Required Planting

	Removals	Plant Upper	Plant Lower	No room for New Tree	Meets Density Recommendation	Total Number of Trees Required
January	2	1	1	0	0	2
February	14	4	5	0	3	9
March	13	4	4	0	4	8
April	7	2	5	3	2	7
May	19	8	4	3	4	12
June	11	3	1	0	6	4
July	8	1	1	4	1	2
August	41	16	10	5	3	26
September	9	5	2	0	0	7
October	7	0	1	0	6	1
November	18	4	3	0	9	7
December	19	5	0	1	0	5
2022 Totals	168	53	37	16	38	90

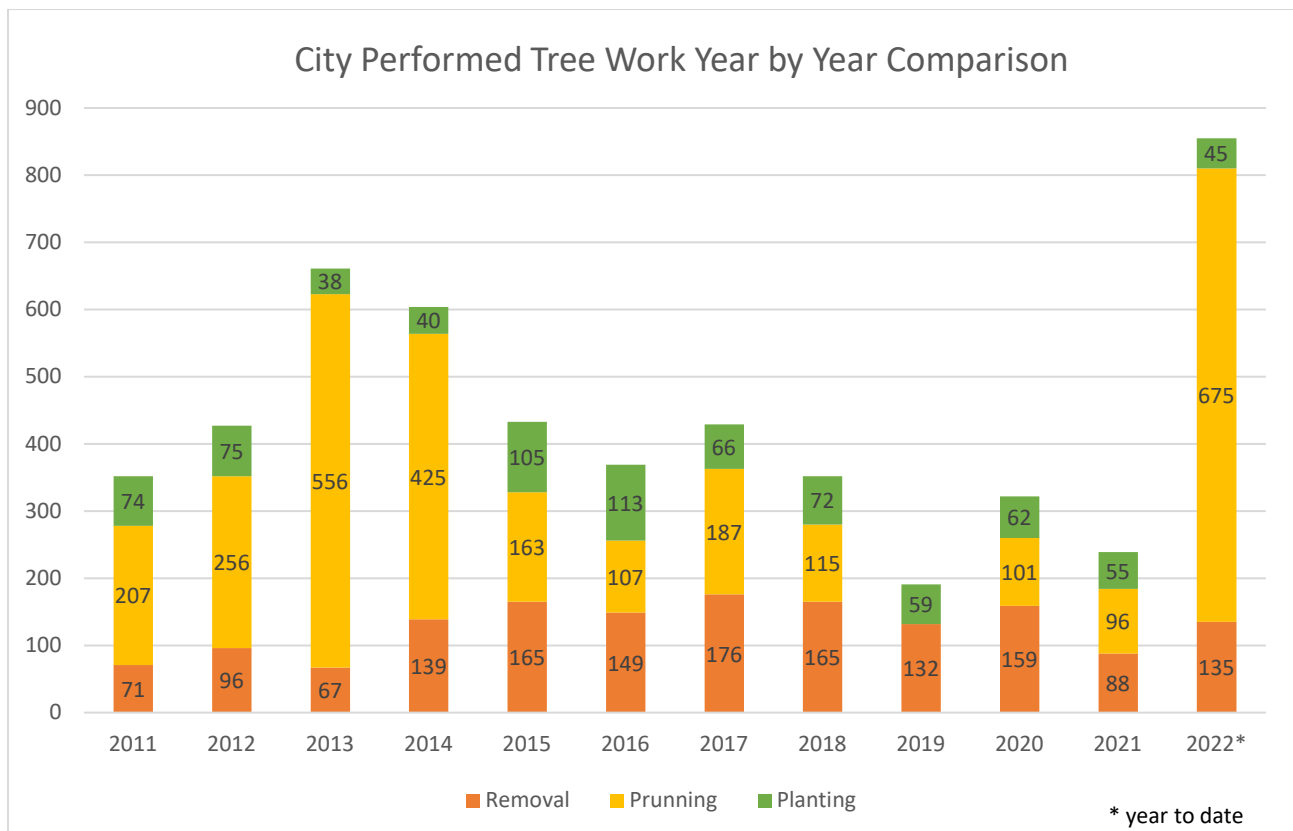
Historic Permitted Removals and Required Planting

	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	204	81	123	135	81	54	66.18%	213
2022	168	61	77	9	53	37	53.57%	180

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City Forestry, Parks, and Beach Activities



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