



CITY OF CARMEL-BY-THE-SEA

Monthly Report

Public Works Department Report – January 2021

TO: Honorable Mayor and City Council Members

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

SUBMITTED ON: February 1, 2021

APPROVED BY: Chip Rerig, City Administrator

City Council Meeting of January 5, 2021

- Adopted a resolution accepting over a dozen donations valued at \$86,441 from Carmel Cares, including a utility vehicle with water tank, sidewalk cleaner, and public safety iPhones.
- Received a presentation and rejected a citizen's request for intermittent closures along Scenic Road for recreational purposes.

Forest and Beach Commission Meeting of January 14, 2021

- Welcomed new Commissioner Brian Sours. The Commission selected Darleen Mosley as the new Chair and JC Meyers as the new Vice Chair, effective the February meeting.
- Conditioned lifting a Stop Work Order at the northwest corner of Junipero and Thirteenth, where 3 trees were removed without a permit, upon payment of \$4,700 representing the value of two of the three trees, replanting three trees, and submittal of a tree management plan and landscape plan for approval by the City Forester. Subject to Council appeal.
- Reviewed a developer's request to remove 28 trees on 16 contiguous parcels to construct 8 single family homes and a hotel. Forester rejected removal of 10 of the trees. Commissioners subsequently toured the site together on January 26th for decision at the next meeting.
- Public Works Director's report included a synopsis of ongoing challenges of maintaining sand over the sandstone near the Del Mar parking area and volleyball courts.

Climate Action Committee Meeting of January 21, 2021

- Monterey Regional Waste Management District's presentation reviewed actions that the District is taking to reduce greenhouse gas emissions and address climate change.
- Monterey Peninsula Water Management District's (MPWMD) presentation addressed the state of the local water system and its resiliency to climate change.

Historic Resources Board Meeting of January 25, 2021

- Regarding the WWI Memorial Arch, the HRB approved staff's recommendation to recommend to the Planning Commission to allow up to 9 posts and a chain across the east side of the monument, replacement up-lighting on the ends of the monument, and the placement of bollards to protect the monument from vehicles. The exact number and location of bollards will be further reviewed with the applicant.

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Public Works Administration

- For the heavy winter storms of January 26th to 28th, ensured storm preparations and resources were ready, tracked and reported on damages, and supported the Police Department.
- Met with the Carmel Area Wastewater District to discuss their preliminary plans to perform a sewer pipe bursting project along Scenic Road, from Ocean Avenue to Martin Way. Likely to start in fall 2022. Project will include public outreach as the design progresses.
- Held weekly meetings with Carmel Cares to coordinate Scenic Pathway, Devendorf Park, and median upgrades. The team was pleased that Mayor Potter attended one such meeting.
- Supported preparation of a Request for Proposals for theatrical programming and facility management of the Forest Theater.

Environmental Programs

- Coordinated the initial energy efficiency assessment with SiteLogiQ of all City buildings. Next step is for their engineers to evaluate the feasibility of projects with the greatest cost saving potential.
- Consultants obtained runoff water samples during the storm in late January, for lab testing and confirming water quality for discharge into Carmel Bay's Area of Special Biological Significance.
- Authorized Schaaf and Wheeler to provide budget-level cost estimates for three projects recommended in the MTNP Stream Stability Study and funded by the Parks Per Capita Grant.
- Coordinated MPWMD's installation of the steelhead-counting weir in the lower Carmel River via Rio Park.
- Continued removing piles of twigs, ivy, weeds, and debris from the MTNP and coordinated new projects with the Friends of MTNP.

Facility Maintenance

- California Fire Protection, Inc. generously serviced 75 fire extinguishers and replaced eight extinguishers at no cost to the City.
- Supported the Community Activities Department by removing holiday lighting along the Ocean Avenue median islands and decorations in and surrounding Devendorf Park.
- At the Fire station, repaired a roll-up door, replaced entry door lock, and fixed the dishwasher.
- Paid for by Carmel Cares, coordinated with an electrician to install an automated light, switch, receptacles, and USB ports in the CERT container at Sunset Center's north parking lot.
- Using in-house Public Works crews: replaced the Public Works water heater, installed a sewer cleanout for Piccadilly Park restroom, and patched a hole on the Police building roof.

Street Maintenance

- Prior to the late January storms, ensured all drainage channels and culverts were cleared out, sandbags were placed at known problem areas, and sand bags were stacked behind the Youth Center. Post storms, the crews again cleared drainage facilities, cleaned up localized flooded areas, and repaired wind-damaged traffic signs and fences.
- Rebuilt a unique, but heavily deteriorated wooded drainage catch basin and a broken beach stair rail with in-house labor.
- Saved \$3,000 by replacing the street sweeper's foam-filled bald tires with new, air-filled tires.
- An unprecedented amount of trash was generated during the New Year's Day holiday weekend, predominantly due to take out food service containers. More staff and resources were made available for the Martin Luther King holiday weekend to minimize the excessive trash problem.

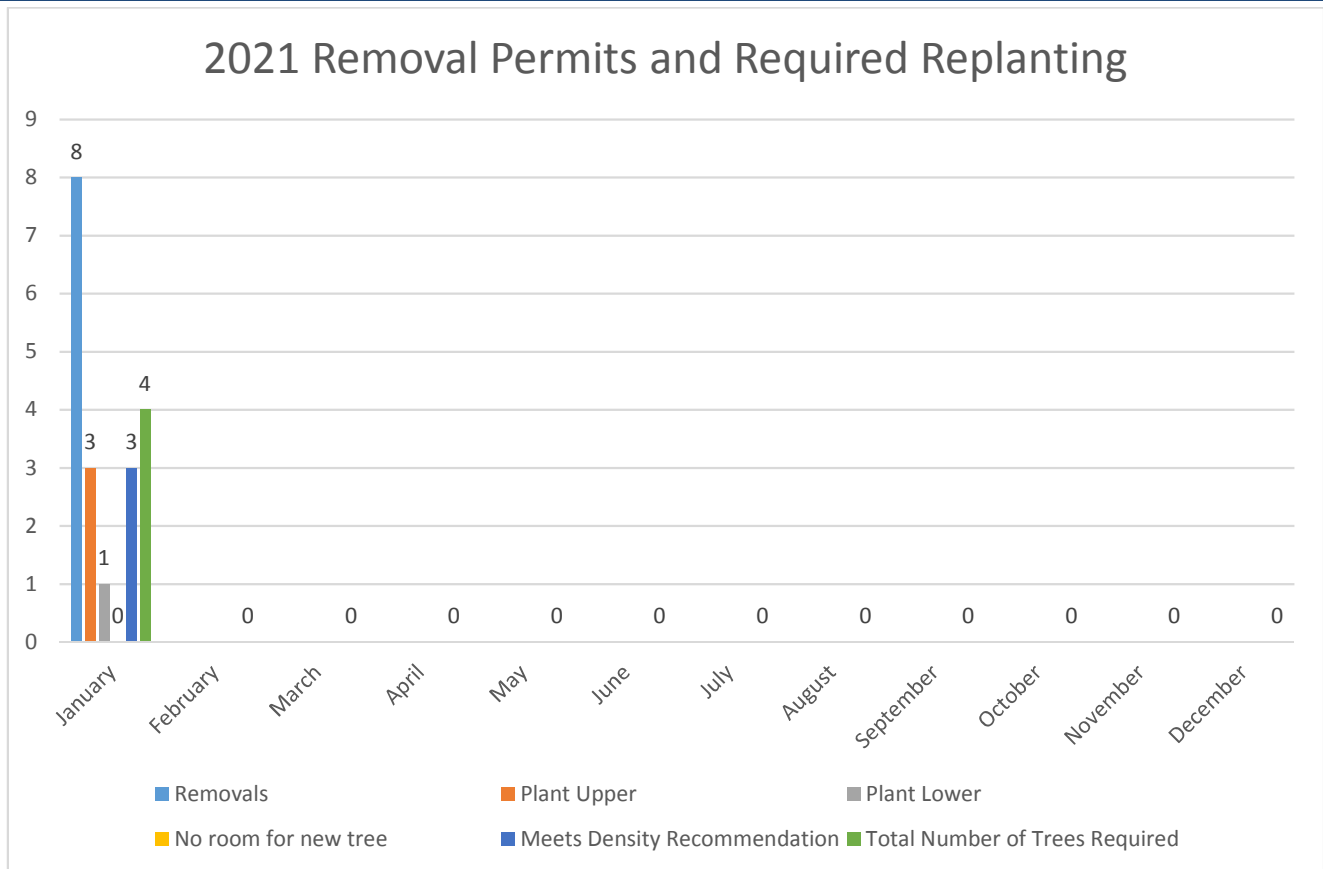
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- Started sidewalk cleanings using the Sidewalk Scrubbing machine donated by Carmel Cares.
- Completed the annual sidewalk inspection survey and began making repairs where needed.
- Repaired a water leak at Sunset Center tracked down to a broken pipe below surface pavers and an underlying concrete slab.

Forestry, Parks and Beach (Forester’s Report)

- Storm event of January 27th and 28th.
 - Staff worked over night to keep the streets clear for emergency vehicles
 - At the end of the event 20 trees had limb failures and eight trees fell. Three of the trees that fell were young trees that were replanted
- 2,668 trees have been inventoried in TreeKeeper as of February 4, 2021. Staff is inventorying trees as work and inspections are performed.
- Pitch canker is flaring up. Damage can be seen on Junipero Street and Ocean Avenue.
- No Stop Work Orders were issued in January.
- Carmel Cares activities were on hold during the shelter in place order.
- Coordinated with PG&E for the removal of 5 sycamore trees and pruning of other trees to clear power lines.

Private and Development Activities



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2021 Permitted removals and required planting						
	Removals	Plant Upper	Plant Lower	No room for new tree	Meets Density Recommendation	Total Number of Trees Required
January	8	3	1	0	3	4
February						0
March						0
April						0
May						0
June						0
July						0
August						0
September						0
October						0
November						0
December						0
2021 totals	8	3	1	0	3	4

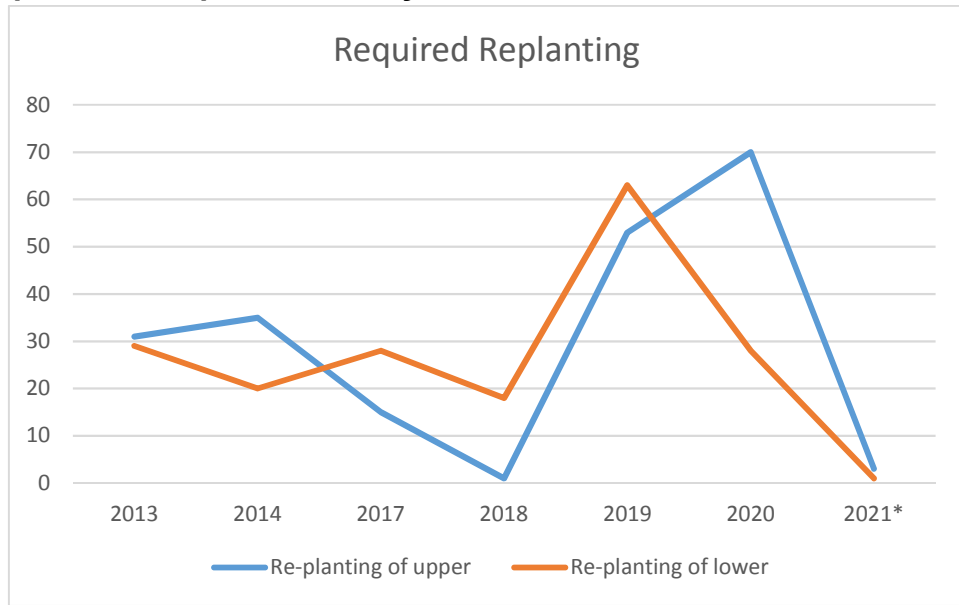
Three trees were removed at a development site that will require new planting when the landscape plan is approved in the future.

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	25.97%
2019	170	107	63	116	53	63	68.24%
2020	175	57	41	120	67	26	68.57%
2021*	8	7	1	4	3	1	50.00%

*year to date

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City Forestry, Parks, and Beach Activities

City Tasks January 2021	
Work Type	Count
Inspection	41
Pruning	27
Removals	8
Failures	28
Planting	4

