



CITY OF CARMEL-BY-THE-SEA

Monthly Report

Public Works Department Report – September 2020

TO:	Honorable Mayor and City Council Members
SUBMITTED BY:	Robert M. Harary, P.E., Director of Public Works
SUBMITTED ON:	October 12, 2020
APPROVED BY:	Chip Rerig, City Administrator

Forest and Beach Commission Meeting of September 10, 2020

- Friends of the Mission Trail Nature Preserve presented an overview of the various projects completed in the Preserve and the successful partnership with the Public Works Department.
- Carmel Cares presented an overview of the various projects completed throughout the City and the successful partnership with the Public Works Department. Presentation included a synopsis and goals of the newly formed Median Minders and Tree Tenders programs.
- To launch a continuous process improvement process, City Forester introduced enforcement-oriented shortcomings in the current forestry program and brainstormed possible solutions.

Climate Action Committee Meeting of September 17, 2020

- Received presentations from the Carmel Area Wastewater District regarding resilience of the wastewater treatment plant due to sea rise, and from representatives of the American Institute of Architects, a webinar regarding fire-resistant home materials and landscaping.

Public Works Administration

- The City's first ever Storm Drain Master Plan was completed and made available on the City's Public Works website. The Plan identifies and prioritizes deficiencies in our drainage system, including broken pipes and system bottlenecks, and recommends long-term solutions to minimize nuisance surface water around town during heavy rainfall.
- Continued weekly videoconference meetings with volunteers in the Carmel Cares organization. These volunteers have been working hard on cleaning up the Scenic Pathway, finding additional volunteers, coordinating equipment purchases, and many other initiatives.
- Worked with City Attorney to develop a Covenant regarding a rare, private-service waterline that was installed in the public right-of-way along Second Avenue, east of Guadalupe Street, to serve a new house under construction. There is no waterline along Second Avenue.
- Senior Maintenance Worker Mike Tope won a scholarship to participate in the Utility Vegetation Management Certificate Program.
- For nearly two weeks, monitored air quality resulting from the forest fires, and when air quality was unhealthy, fieldwork was significantly restricted.
- Staff supported Human Resources with setting up the Flu Clinic.

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Environmental Programs

- Received 25 new, metal ribbon trash/recycling containers from the manufacturer. Also met with adjacent businesses in the downtown area to refine the exact placement of the new containers. Installation along Ocean Avenue begins in October.
- Accepted the Regional Trash Compliance Plan prepared for the Monterey Regional Stormwater Management Program. This Plan is also available on the City's website.
- Various park and recreational projects were evaluated to utilize the upcoming California State Parks Per Capita grant of \$177,952. At the October 6, 2020 Council meeting, staff will recommend a boardwalk extension across the North Dunes Habitat Restoration area or drainage improvements near the Rio Road gate in the Mission Trail Nature Preserve (MTNP).
- Submitted a Letter of Intent to the California Ocean Protection Council for a \$216,500 grant needed to prepare a Coastal Resilience Planning Study. Application was rejected in October.

Facility Maintenance

- Hired electrician who installed two, revenue-generating, dual ChargePoint electric vehicle chargers at the Sunset Center north parking lot, northwest corner. Installation cost will be reimbursed from the Regional Surface Transportation Program (RSTP) fair share allocation from the Transportation Agency of Monterey County (TAMC).
- Carmel Gives paid for a new roll-up window for the concession stand at Forest Theater.
- Courtesy of Carmel Cares, installed two new upgraded magazine racks for the south side of Ocean Avenue, and removed the old, unsightly racks.
- Hired painter to paint yellow stripes on all exterior steps at the Harrison Memorial Library to meet ADA requirements.
- Repaired a broken water supply line serving the restrooms at Forest Hill Park. Due to the limited budget, repair of the remainder of the waterline, serving a water fountain, was deferred.
- Solicited quotes for the Park Branch Library backup generator which is eligible for a 1.87% interest loan from Monterey Bay Community Power (now Central Coast Community Energy).

Project Management

- Processed final invoices to Scudder Roofing for the Scout House Roof Replacement Project and to Bay City Boilers for the new boiler system at Sunset Center.

Street Maintenance

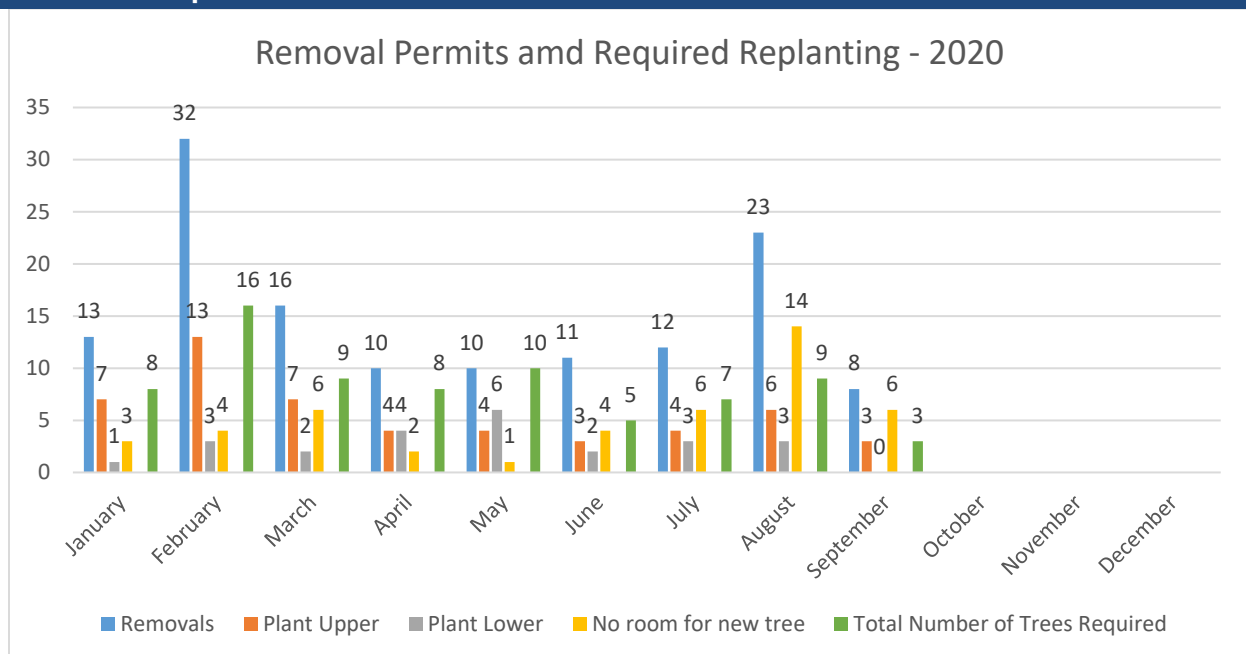
- Continued to support the Police Department with traffic control, message board signs, vehicle barriers, and fencing for the Labor Day holiday weekend.
- Installed an ADA-compliant parking space in the Post Office parking lot and a temporary parking space on Dolores Street. These replace a non-compliant space on Fifth Avenue.
- Continued to make asphalt pavement repairs at various locations around the City.
- Continued removing piles of weeds from the MTNP and Scenic Pathway, dead wood from the beach, and debris from Forest Hill Park.
- Obtained quotes for traffic striping and pavement marking paint, and related parts and supplies, which will be reimbursed from the RSTP fair share allocation from TAMC.

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Forestry, Parks and Beach (Forester’s Report)

- Gratefully received the following, new equipment donated by Carmel Cares: electric-powered lawn mower, hedge trimmer, leaf blower, and back-pack leaf blower, and a gas weed whacker.
- Met with tree removal applicants, (Melanis), to review potential house modifications needed to save an oak tree growing up against their house on Carmelo Street 4 SW of Second Avenue. This information will return to the Forest and Beach Commission for their decision.
- Using newly-acquired arborist rigging equipment, forestry crews are now able to remove mid-sized dead trees. In years past, crews could only remove smaller dead trees. The largest dead trees and stumps will continue to be contracted out to on-call, as-needed tree contractors.
- Repaired the irrigation system along Ocean Avenue, between Junipero and Carpenter Streets, an area maintained by the Lions Club.
- Initiated a new-to-Carmel method of washing off root ball soil from a new tree, and planting the trees allowing much more flexibility for the roots to adapt to their new soil environment.
- Identified approximately 30 locations to plant new trees starting in October.
- The parking barricade pilot project, using a fire pit cauldron as a planter, was installed on the south side of Ocean Avenue between Dolores Street and Monte Verde Street.
- The adult stage (moth) of the California oak worm have emerged and are flying about.
- Twenty site checks to look for required, newly planted trees per permits. Nine sites could not be verified, 6 did have new trees, and 5 did not have new trees. These inspection will continue in an effort to determine steps necessary to enforce tree removal permits going forward.
- There were six notable the failures in September: At corner of Mission Street and Fourth Avenue, two limbs fell from Liquidambers onto cars. A cypress limb broke on Scenic Road. In addition, two limbs were struck by trucks, and one tree split apart on private property.
- 2,633 trees have been inventoried in TreeKeeper as of October 2, 2020. Staff is inventorying trees as maintenance work and inspections are performed.
- Stop Work Order Issued: Ninth Avenue 2 SE of Dolores for violations of Municipal Code 17.48.110. Second violation.

Private and Development Activities



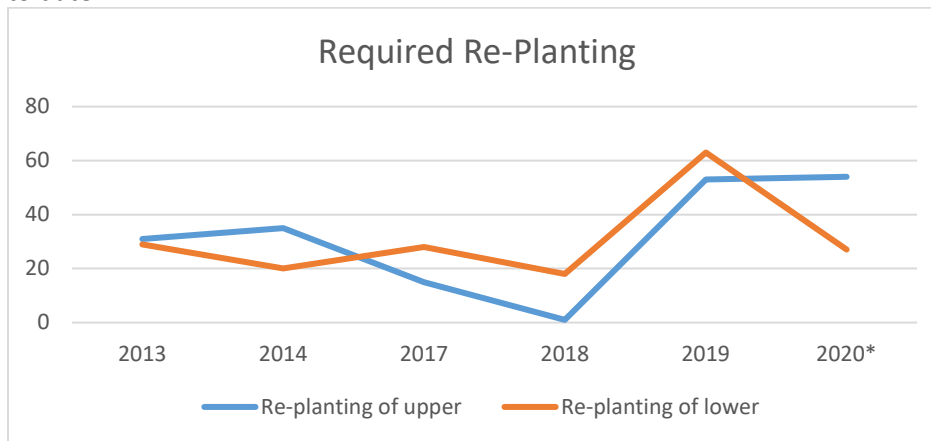
Forestry, Parks and Beach (Forester's Report) – Continued

Permitted removals and required planting - 2020					
	Removals	Plant Upper	Plant Lower	No room for new tree	Total Number of Trees Required
January	13	7	1	3	8
February	32	13	3	4	16
March	16	7	2	6	9
April	10	4	4	2	8
May	10	4	6	1	10
June	11	3	2	4	5
July	12	4	3	6	7
August	23	6	3	14	9
September	8	3	0	6	3

Historic permitted removals and required planting

	Removal Permits	Removal of upper	Removal of lower	Re-planting Required	Re-planting of upper	Re-planting of lower	Re-planting %
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*	157	41	39	85	51	25	54.14%

*year to date



City Forestry, Parks, and Beach Activities

City Tasks September 2020	Count
Work Type	
Cavity care	1
Limb failure	6
Inspections	53
Trees planted	1
Pruning	3
Removals	9

Forestry, Parks and Beach (Forester's Report) – Continued

